

## **ELECTRICAL CIRCUIT DIAGRAM MANUAL**

### **Electrical Circuit Diagrams**

**TerraStar®**

# **Navistar, Inc.**

2701 Navistar Drive, Lisle, IL 60532 USA



## TABLE OF CONTENTS

|                                                                                                                   |               |
|-------------------------------------------------------------------------------------------------------------------|---------------|
| <b>2. INSTRUCTIONS AND CHARTS (CHAPTER 2).....</b>                                                                | <b>1</b>      |
| 2.1. ABBREVIATIONS, P. 1.....                                                                                     | 1             |
| 2.2. ACRONYMS, P. 2.....                                                                                          | 2             |
| 2.3. CIRCUIT DIAGRAM INSTRUCTIONS, P. 3.....                                                                      | 3             |
| 2.4. CIRCUIT NUMBER IDENTIFICATION AND COLOR, P. 4.....                                                           | 4             |
| 2.5. CIRCUIT NUMBER IDENTIFICATION AND COLOR (CONT.), P. 5.....                                                   | 5             |
| 2.6. CIRCUIT NUMBER IDENTIFICATION AND COLOR (CONT.), P. 6.....                                                   | 6             |
| 2.7. LAMP BULB CHART, P. 7.....                                                                                   | 7             |
| 2.8. RELAY FUNCTION AND WIRING DIAGRAM, P. 8.....                                                                 | 8             |
| 2.9. SCHEMATIC SYMBOL CHART, P. 9.....                                                                            | 9             |
| 2.10. SCHEMATIC SYMBOL CHART (CONT.), P. 10.....                                                                  | 10            |
| 2.11. SCHEMATIC SYMBOL CHART (CONT.), P. 11.....                                                                  | 11            |
| 2.12. SCHEMATIC SYMBOL CHART (CONT.), P. 12.....                                                                  | 12            |
| <br><b>3. 12 VOLT POWER DISTRIBUTION, GROUNDS, DATA BUS AND ELECTRICAL SYSTEM<br/>CONTROLLER (CHAPTER 3).....</b> | <br><b>13</b> |
| 3.1. BATTERY FEED, DUAL, P. 1.....                                                                                | 13            |
| 3.2. IGNITION FEED – STANDARD, THEFT DETERRENT, REMOTE START / STOP, P. 2.....                                    | 14            |
| 3.3. J708 DATA LINK – PUBLIC EFFECTS, P. 3.....                                                                   | 15            |
| 3.4. J1708 DATA LINK – PRIVATE WITH POWER WINDOW AND LOCK, P. 4.....                                              | 16            |
| 3.5. J1939 DATA LINK, P. 5.....                                                                                   | 17            |
| 3.6. GROUND – IP, P. 6.....                                                                                       | 18            |
| 3.7. ZERO VOLT REFERENCE, P. 7.....                                                                               | 19            |
| 3.8. BATTERY FEED, SINGLE, P. 8.....                                                                              | 20            |
| 3.9. J1939 DATA LINK – V8 ENGINE, P. 9.....                                                                       | 21            |
| 3.10. J1939 DATA LINK – V8 ENGINE WITH ALLISON WTEC, P. 9A.....                                                   | 22            |
| 3.11. J1939 DATA LINK – V8 ENGINE WITH ALLISON LCT WITH IN-CAB TCM, P. 9B.....                                    | 23            |
| 3.12. ACCESSORY FEED, P. 10.....                                                                                  | 24            |
| 3.13. J1939 DATA LINK – WITH OPTIONS, P. 11.....                                                                  | 25            |
| 3.14. IGNITION FEED – RELAY 1, P. 12.....                                                                         | 26            |
| 3.15. INTENTIONALLY LEFT BLANK, P. 13.....                                                                        | 27            |
| 3.16. IGNITION FEED – RELAY 3, P. 14.....                                                                         | 28            |
| 3.17. BATTERY FEED, DUAL, P. 15.....                                                                              | 29            |
| 3.18. BATTERY FEED, DUAL (CONT.), P. 16.....                                                                      | 30            |
| 3.19. BATTERY FEED, SINGLE, P. 17.....                                                                            | 31            |
| 3.20. INTENTIONALLY LEFT BLANK, P. 18.....                                                                        | 32            |
| 3.21. GROUND – SEAT AND SEAT BELT SENSOR, P. 19.....                                                              | 33            |
| 3.22. GROUND – IP, P. 20.....                                                                                     | 34            |
| 3.23. GROUND – IP (CONT.), P. 21.....                                                                             | 35            |
| 3.24. GROUND – IP (CONT.), P. 22.....                                                                             | 36            |
| 3.25. GROUND – CHASSIS, P. 23.....                                                                                | 37            |
| 3.26. GROUND – IP, P. 24.....                                                                                     | 38            |
| 3.27. GROUND – IP (CONT.), P. 25.....                                                                             | 39            |
| 3.28. GROUND – CHASSIS, P. 26.....                                                                                | 40            |
| 3.29. INTENTIONALLY LEFT BLANK, P. 27.....                                                                        | 41            |
| 3.30. GROUND – TRAILER SOCKET AND FUEL PUMP, P. 28.....                                                           | 42            |
| <br><b>4. CAB ACCESSORIES (CHAPTER 4).....</b>                                                                    | <br><b>43</b> |
| 4.1. CIGAR LIGHTER AND POWER FEED, P. 1.....                                                                      | 43            |
| 4.2. CIGAR LIGHTER AND POWER FEED (CONT.), P. 2.....                                                              | 44            |
| 4.3. COMPASS DISPLAY, P. 3.....                                                                                   | 45            |

## TABLE OF CONTENTS

---

### TABLE OF CONTENTS (CONT.)

|           |                                                                             |           |
|-----------|-----------------------------------------------------------------------------|-----------|
| 4.4.      | FRONT DOOR WINDOWS AND LOCKS (POWER), P. 4.....                             | 46        |
| 4.5.      | FRONT DOOR WINDOWS AND LOCKS (POWER) FOR CREW, P. 5.....                    | 47        |
| 4.6.      | HORN – ELECTRIC AND AIR, P. 6.....                                          | 48        |
| 4.7.      | MIRRORS (HEATED, LIGHTED & POWER), P. 7.....                                | 49        |
| 4.8.      | 2 – WAY RADIO, P. 8.....                                                    | 50        |
| 4.9.      | INTENTIONALLY LEFT BLANK, P. 9.....                                         | 51        |
| 4.10.     | SELF CONTAINED AIR SEAT, P. 10.....                                         | 52        |
| 4.11.     | RADIO (ENTERTAINMENT) SPEAKERS – WITH 16 WAY CONNECTOR, P. 11.....          | 53        |
| 4.12.     | RADIO (ENTERTAINMENT) SPEAKERS – WITH 12 WAY CONNECTOR, P. 11A.....         | 54        |
| 4.13.     | RADIO (ENTERTAINMENT), SPEAKERS – WITH 16 WAY CONNECTOR (CONT.), P. 12..... | 55        |
| 4.14.     | INTENTIONALLY LEFT BLANK, P. 13.....                                        | 56        |
| 4.15.     | INTENTIONALLY LEFT BLANK, P. 14.....                                        | 57        |
| 4.16.     | INTENTIONALLY LEFT BLANK, P. 15.....                                        | 58        |
| 4.17.     | INTENTIONALLY LEFT BLANK, P. 16.....                                        | 59        |
| 4.18.     | ROOF AUX LOAD, P. 17.....                                                   | 60        |
| 4.19.     | INTENTIONALLY LEFT BLANK, P. 18.....                                        | 61        |
| 4.20.     | INTENTIONALLY LEFT BLANK, P. 19.....                                        | 62        |
| 4.21.     | INTENTIONALLY LEFT BLANK, P. 20.....                                        | 63        |
| 4.22.     | MIRRORS (HEATED, LIGHTED & POWER) , P. 21.....                              | 64        |
| 4.23.     | CB POWER RADIO, P. 22.....                                                  | 65        |
| 4.24.     | BACK-UP CAMERA, P. 23.....                                                  | 66        |
| 4.25.     | HEATED SEATS, P. 24.....                                                    | 67        |
| 4.26.     | SWITCH PACK OPTIONAL GAUGE PACK, P. 25.....                                 | 68        |
| 4.27.     | WINDSHIELD WIPER, P. 26.....                                                | 69        |
| 4.28.     | SEAT BELT AND SEAT SENSOR, P. 27.....                                       | 70        |
| 4.29.     | SEAT BELT AND SEAT SENSOR (CONT.), P. 28.....                               | 71        |
| 4.30.     | SEAT BELT AND SEAT SENSOR (CONT.), P. 29.....                               | 72        |
| 4.31.     | SEAT BELT AND SEAT SENSOR (CONT.), P. 30.....                               | 73        |
| <b>5.</b> | <b>12V CHARGING AND CRANKING SYSTEM (CHAPTER 5).....</b>                    | <b>74</b> |
| 5.1.      | STARTING AND CRANKING ENGINE WITH ALLISON TRANSMISSION, P. 1.....           | 74        |
| 5.2.      | ROCKER START, P. 2.....                                                     | 75        |
| <b>6.</b> | <b>FANS AND ENGINE ACCESSORIES (CHAPTER 6).....</b>                         | <b>76</b> |
| 6.1.      | FAN WIRING – V8 ENGINE, P. 1.....                                           | 76        |
| 6.2.      | SNOW VALVE, P. 2.....                                                       | 77        |
| <b>7.</b> | <b>ELECTRONIC ENGINES (CHAPTER 7).....</b>                                  | <b>78</b> |
| 7.1.      | ELECTRONIC ENGINE CONTROLS – V8 ENGINE, P. 1.....                           | 78        |
| 7.2.      | ELECTRONIC ENGINE CONTROLS – V8 ENGINE (CONT.), P. 2.....                   | 79        |
| 7.3.      | ELECTRONIC ENGINE CONTROLS – V8 ENGINE (CONT.), P. 3.....                   | 80        |
| 7.4.      | ELECTRONIC ENGINE CONTROLS – V8 ENGINE (CONT.), P. 3.....                   | 81        |
| 7.5.      | ELECTRONIC ENGINE CONTROLS – V8 ENGINE (CONT.), P. 4.....                   | 82        |
| 7.6.      | ELECTRONIC ENGINE CONTROLS – V8 ENGINE CRUISE CONTROLS, P. 5.....           | 83        |
| <b>8.</b> | <b>GAUGES WITH AND WITHOUT INTERNAL WARNING LIGHT (CHAPTER 8).....</b>      | <b>84</b> |
| 8.1.      | BRAKE SWITCH AND PARK BRAKE SWITCH, P. 1.....                               | 84        |
| 8.2.      | GAUGES AND WARNING LIGHTS – AMMETER, P. 2.....                              | 85        |
| 8.3.      | INTENTIONALLY LEFT BLANK, P. 3.....                                         | 86        |
| 8.4.      | AIR PRESSURE INPUT CIRCUIT, P. 4.....                                       | 87        |
| 8.5.      | IP GAUGES AND WARNING LIGHTS – GAUGE CLUSTER, P. 5.....                     | 88        |

## TABLE OF CONTENTS (CONT.)

|            |                                                                                                 |            |
|------------|-------------------------------------------------------------------------------------------------|------------|
| 8.6.       | IP / GAUGES, P. 6.....                                                                          | 89         |
| 8.7.       | WARNING LIGHTS LIST, P. 7.....                                                                  | 90         |
| 8.8.       | WARNING LIGHTS CONTROLLING BY ENGINE, TRANSMISSION, ABS<br>CONTROLLER, P. 8.....                | 91         |
| 8.9.       | ENGINE OIL PRESS & TEMP, SPEEDOMETER, TACH, VOLTMETER & WATER TEMP<br>GAUGE CIRCUITS, P. 9..... | 92         |
| 8.10.      | FUEL GAUGE CIRCUITRY (SINGLE TANK AND DUAL TANK), P. 10.....                                    | 93         |
| <b>9.</b>  | <b>LIGHTS (CHAPTER 9).....</b>                                                                  | <b>94</b>  |
| 9.1.       | BACK-UP – WITH ALLISON TRANSMISSION, P. 1.....                                                  | 94         |
| 9.2.       | LIGHT SYSTEM – CLEARANCE, MARKER, PARK, TAIL, TURN & STOP LIGHTS, P. 2.....                     | 95         |
| 9.3.       | LIGHT SYSTEM – CLEARANCE, MARKER, PARK, TAIL, TURN & STOP LIGHTS<br>(CONT.), P. 3.....          | 96         |
| 9.4.       | LIGHT SYSTEM, FOG LIGHT, P. 4.....                                                              | 97         |
| 9.5.       | HEADLIGHTS, P. 5.....                                                                           | 98         |
| 9.6.       | PANEL LIGHTS, P. 6.....                                                                         | 99         |
| 9.7.       | INTENTIONALLY LEFT BLANK, P. 7.....                                                             | 100        |
| 9.8.       | LIGHT SYSTEM – CLEARANCE, MARKER, PARK, TAIL, TURN & STOP LIGHTS<br>(CONT.), P. 8.....          | 101        |
| 9.9.       | LIGHT SYSTEM – CLEARANCE, MARKER, PARK, TAIL, TURN & STOP LIGHTS<br>(CONT.), P. 9.....          | 102        |
| 9.10.      | AUX HEADLIGHTS, SNOWPLOW LIGHTS, P. 10.....                                                     | 103        |
| 9.11.      | AUX HEADLIGHTS, SNOWPLOW LIGHTS (CONT.), P. 11.....                                             | 104        |
| 9.12.      | DOMELIGHT SYSTEM, P. 12.....                                                                    | 105        |
| 9.13.      | CLEARANCE AND MARKER LIGHT, P. 13.....                                                          | 106        |
| <b>10.</b> | <b>CHASSIS ACCESSORIES (CHAPTER 10).....</b>                                                    | <b>107</b> |
| 10.1.      | TRW ABS BRAKES, P. 1.....                                                                       | 107        |
| 10.2.      | TRW ABS BRAKES (CONT.), P. 2.....                                                               | 108        |
| 10.3.      | TRW ABS BRAKES (CONT.), P. 3.....                                                               | 109        |
| 10.4.      | BODY BUILDER AND TRAILER – TURN, MARKERS AND STOP , P. 4.....                                   | 110        |
| 10.5.      | BODY BUILDER AND TRAILER – TURN, MARKERS AND STOP (CONT.), P. 5.....                            | 111        |
| 10.6.      | BODY BUILDER ACC FEED WIRING, P. 6.....                                                         | 112        |
| 10.7.      | BODY BUILDER CONNECTIONS, P. 7.....                                                             | 113        |
| 10.8.      | INTENTIONALLY LEFT BLANK, P. 8.....                                                             | 114        |
| 10.9.      | REMOTE POWER MODULE – CAB MOUNTED, P. 9.....                                                    | 115        |
| 10.10.     | REMOTE POWER MODULE – CAB MOUNTED (CONT.), P. 9A.....                                           | 116        |
| 10.11.     | FUEL / HEATER RELAY, P. 10.....                                                                 | 117        |
| 10.12.     | ELECTRIC TRAILER BRAKE, P. 11.....                                                              | 118        |
| 10.13.     | HOUR METER – PTO, P. 12.....                                                                    | 119        |
| 10.14.     | AIR DRYER AND HEATED DRAIN VALVE, P. 13.....                                                    | 120        |
| 10.15.     | REMOTE START / STOP, P. 14.....                                                                 | 121        |
| 10.16.     | INTENTIONALLY LEFT BLANK, P. 15.....                                                            | 122        |
| 10.17.     | WHEELCHAIR LIFT INTERLOCK, P. 16.....                                                           | 123        |
| 10.18.     | WHEELCHAIR LIFT INTERLOCK (CONT.), P. 16A.....                                                  | 124        |
| 10.19.     | AUX INPUTS AND DRIVERS, P. 17.....                                                              | 125        |
| 10.20.     | AUX AND POWER SOURCE, P. 17A.....                                                               | 126        |
| 10.21.     | TRANSFER CASE EFFECTS, P. 18.....                                                               | 127        |
| 10.22.     | FUEL TRANSFER PUMP, P. 19.....                                                                  | 128        |
| 10.23.     | TRAILER SOCKET – EOF, P. 20.....                                                                | 129        |
| 10.24.     | BODY BUILDER & TRAILER SOCKET – BOC & EOF, P. 21.....                                           | 130        |

## TABLE OF CONTENTS

---

### TABLE OF CONTENTS (CONT.)

|                                                                                                     |            |
|-----------------------------------------------------------------------------------------------------|------------|
| 10.25. AUX TRAILER CIRCUIT, P. 22.....                                                              | 131        |
| 10.26. TRANSFER CASE EFFECTS WITH CONTROLS FOR ONE LIFT AXLE, P. 23.....                            | 132        |
| 10.27. INTENTIONALLY LEFT BLANK, P. 24.....                                                         | 133        |
| 10.28. INTENTIONALLY LEFT BLANK, P. 25.....                                                         | 134        |
| 10.29. INTENTIONALLY LEFT BLANK, P. 26.....                                                         | 135        |
| 10.30. AIR HORN, P. 27.....                                                                         | 136        |
| 10.31. AIR SOLENOID 4-PACK, P. 28.....                                                              | 137        |
| 10.32. AIR SOLENOID 8-PACK, P. 29.....                                                              | 138        |
| <b>11. TRANSMISSION (CHAPTER 11).....</b>                                                           | <b>139</b> |
| 11.1. ALLISON GEN 4 1/2000 TRANSMISSION, P. 1.....                                                  | 139        |
| 11.2. ALLISON GEN 4 1/2000 TRANSMISSION (CONT.), P. 2.....                                          | 140        |
| 11.3. ALLISON GEN 1/2000 TRANSMISSION, P. 3.....                                                    | 141        |
| 11.4. TRANSMISSION ALLISON MD (WTEC), P. 4.....                                                     | 142        |
| 11.5. ALLISON TRANSMISSION 1/2000 WITH IN-CAB TCM, P. 5.....                                        | 143        |
| 11.6. SHIFTER INTERLOCK EFFECTS, P. 6.....                                                          | 144        |
| 11.7. SHIFTER INTERLOCK EFFECT (CONT.), P. 7.....                                                   | 145        |
| 11.8. ALLISON WTEC TRANSMISSION GEN 8, P. 8.....                                                    | 146        |
| 11.9. WTEC GEN 4 TRANSMISSION, P. 9.....                                                            | 147        |
| 11.10. WTEC GEN 4 TRANSMISSION (CONT.), P. 10.....                                                  | 148        |
| 11.11. TRANSMISSION RETARDER CONTROLS WIRING WITH MD TRANSMISSION HARD<br>WIRED EFFECTS, P. 11..... | 149        |
| <b>12. AIR CONDITIONING (CHAPTER 12).....</b>                                                       | <b>150</b> |
| 12.1. HVAC SYSTEM, P. 1.....                                                                        | 150        |
| 12.2. HVAC SYSTEM (CONT.), P. 2.....                                                                | 151        |
| 12.3. AIR CONDITIONING, P. 3.....                                                                   | 152        |
| 12.4. AIR CONDITIONING (CONT.), P. 4.....                                                           | 153        |
| <b>13. CONNECTOR BODY COMPOSITES (CHAPTER 13).....</b>                                              | <b>154</b> |
| 13.1. CONNECTOR BODY COMPOSITES (71 / 72 / 254F / 254M / 400), P. 1.....                            | 154        |
| 13.2. CONNECTOR BODY COMPOSITES (421 / 422 / 422F / 423), P. 2.....                                 | 155        |
| 13.3. CONNECTOR BODY COMPOSITES (424 / 828 / 1008FA), P. 2A.....                                    | 156        |
| 13.4. CONNECTOR BODY COMPOSITES (1010), P. 3.....                                                   | 157        |
| 13.5. CONNECTOR BODY COMPOSITES (1011), P. 4.....                                                   | 158        |
| 13.6. CONNECTOR BODY COMPOSITES (1012), P. 5.....                                                   | 159        |
| 13.7. CONNECTOR BODY COMPOSITES (1013), P. 6.....                                                   | 160        |
| 13.8. CONNECTOR BODY COMPOSITES (1014), P. 7.....                                                   | 161        |
| 13.9. CONNECTOR BODY COMPOSITES (1015), P. 8.....                                                   | 162        |
| 13.10. CONNECTOR BODY COMPOSITES (1016), P. 9.....                                                  | 163        |
| 13.11. CONNECTOR BODY COMPOSITES (1017), P. 10.....                                                 | 164        |
| 13.12. CONNECTOR BODY COMPOSITES (1018), P. 11.....                                                 | 165        |
| 13.13. CONNECTOR BODY COMPOSITES (1019), P. 12.....                                                 | 166        |
| 13.14. CONNECTOR BODY COMPOSITES (1020), P. 13.....                                                 | 167        |
| 13.15. CONNECTOR BODY COMPOSITES (1025 / 1026), P. 14.....                                          | 168        |
| 13.16. CONNECTOR BODY COMPOSITES (1100 / 1100MA / 1101 / 1101A), P. 15.....                         | 169        |
| 13.17. CONNECTOR BODY COMPOSITES (1106 / 1107), P. 16.....                                          | 170        |
| 13.18. CONNECTOR BODY COMPOSITES (1110 / 1200 / 1210 / 1220), P. 17.....                            | 171        |
| 13.19. CONNECTOR BODY COMPOSITES (1300 / 1301 / 1500 / 1501), P. 18.....                            | 172        |
| 13.20. CONNECTOR BODY COMPOSITES (1501 / 1502 / 1503), P. 18A.....                                  | 173        |
| 13.21. CONNECTOR BODY COMPOSITES (1512 / 1600), P. 19.....                                          | 174        |

## TABLE OF CONTENTS (CONT.)

|                                                                                                                                          |     |
|------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 13.22. CONNECTOR BODY COMPOSITES (1601), P. 20.....                                                                                      | 175 |
| 13.23. CONNECTOR BODY COMPOSITES (1602), P. 21.....                                                                                      | 176 |
| 13.24. CONNECTOR BODY COMPOSITES (1603 / 1604 / 1623 / 1625), P. 22.....                                                                 | 177 |
| 13.25. CONNECTOR BODY COMPOSITES (1626 / 1657 / 1650 / 1660 / 1661), P. 23.....                                                          | 178 |
| 13.26. CONNECTOR BODY COMPOSITES (1700), P. 24.....                                                                                      | 179 |
| 13.27. CONNECTOR BODY COMPOSITES (1700), P. 25.....                                                                                      | 180 |
| 13.28. CONNECTOR BODY COMPOSITES (1700), P. 26.....                                                                                      | 181 |
| 13.29. CONNECTOR BODY COMPOSITES (1700), P. 27.....                                                                                      | 182 |
| 13.30. CONNECTOR BODY COMPOSITES (1701), P. 28.....                                                                                      | 183 |
| 13.31. CONNECTOR BODY COMPOSITES (1701), P. 29.....                                                                                      | 184 |
| 13.32. CONNECTOR BODY COMPOSITES (1701F), P. 30.....                                                                                     | 185 |
| 13.33. CONNECTOR BODY COMPOSITES (1701F), P. 31.....                                                                                     | 186 |
| 13.34. CONNECTOR BODY COMPOSITES (1702), P. 32.....                                                                                      | 187 |
| 13.35. CONNECTOR BODY COMPOSITES (1702), P. 33.....                                                                                      | 188 |
| 13.36. CONNECTOR BODY COMPOSITES (1800 / 1800F), P. 34.....                                                                              | 189 |
| 13.37. CONNECTOR BODY COMPOSITES (1800FA / 1804 / 1807 / 1809 / 1810), P. 35.....                                                        | 190 |
| 13.38. CONNECTOR BODY COMPOSITES (1814A / 1814B / 1815 / 1815A / 1828 / 1861 /<br>1872 / 1873), P. 36.....                               | 191 |
| 13.39. CONNECTOR BODY COMPOSITES (1873W / 1873X / 1873Y / 1873Z / 1900 / 1936M),<br>P. 36A.....                                          | 192 |
| 13.40. CONNECTOR BODY COMPOSITES (1901 / 1912 / 1918 / 1927 / 1929 / 1935), P. 37.....                                                   | 193 |
| 13.41. CONNECTOR BODY COMPOSITES (2000 / 2000F / 2002M / 2003M / 2004M / 2005M),<br>P. 37A.....                                          | 194 |
| 13.42. CONNECTOR BODY COMPOSITES (2006M / 2115M / 2116F / 2117F / 2021 / 2301M),<br>P. 37B.....                                          | 195 |
| 13.43. CONNECTOR BODY COMPOSITES (2302M / 2304M / 2305M / 2502M), P. 37C.....                                                            | 196 |
| 13.44. CONNECTOR BODY COMPOSITES (2503 / 2600 / 2601M / 2602M), P. 38.....                                                               | 197 |
| 13.45. CONNECTOR BODY COMPOSITES (3000 / 3001 / 3003 / 3100M / 3200), P. 39.....                                                         | 198 |
| 13.46. CONNECTOR BODY COMPOSITES (3201M / 3202M / 3203M / 3205M / 3206 / 3209M),<br>P. 39A.....                                          | 199 |
| 13.47. CONNECTOR BODY COMPOSITES (3204 / 4000 / 4001 / 4004 / 4031 / 4032), P. 40.....                                                   | 200 |
| 13.48. CONNECTOR BODY COMPOSITES (4033 / 4040 / 4041 / 4060 / 4087), P. 40A.....                                                         | 201 |
| 13.49. CONNECTOR BODY COMPOSITES (4410A / 4410B / 4410D / 4411F / 4411M / 4412F),<br>P. 40B.....                                         | 202 |
| 13.50. CONNECTOR BODY COMPOSITES (4412F1 / 4450AM / 4450BM / 4450M / 4060), P. 41....                                                    | 203 |
| 13.51. CONNECTOR BODY COMPOSITES (4460AM / 4460BF / 4460BM / 4450BF / 4460M /<br>4500 / 4906), P. 42.....                                | 204 |
| 13.52. CONNECTOR BODY COMPOSITES (6011 / 6020M), P. 43.....                                                                              | 205 |
| 13.53. CONNECTOR BODY COMPOSITES (6020M), P. 44.....                                                                                     | 206 |
| 13.54. CONNECTOR BODY COMPOSITES (6022 / 6022A / 6200 / 6260HL / 6620HR / 6620T /<br>6260UC / 6260T / 6261 / 6261T / 6261NV), P. 45..... | 207 |
| 13.55. CONNECTOR BODY COMPOSITES (6262 / 6262NV / 6262T / 6263 / 6263NV / 6263T /<br>6322), P. 45A.....                                  | 208 |
| 13.56. CONNECTOR BODY COMPOSITES (6333 / 6334 / 6400 / 6405 / 6561 / 6704M), P. 46.....                                                  | 209 |
| 13.57. CONNECTOR BODY COMPOSITES (6747 / 6900 / 7100 / 7103M), P. 47.....                                                                | 210 |
| 13.58. CONNECTOR BODY COMPOSITES (7150), P. 47A.....                                                                                     | 211 |
| 13.59. CONNECTOR BODY COMPOSITES (7150), P. 47B.....                                                                                     | 212 |
| 13.60. CONNECTOR BODY COMPOSITES (7151), P. 48.....                                                                                      | 213 |
| 13.61. CONNECTOR BODY COMPOSITES (7205F / 7206F / 7207M / 7207MA), P. 49.....                                                            | 214 |
| 13.62. CONNECTOR BODY COMPOSITES (7208M / 7208A / 7250M / 7350 / 7500M / 7600M),<br>P. 49A.....                                          | 215 |

## TABLE OF CONTENTS

---

### TABLE OF CONTENTS (CONT.)

|                                                                                                            |     |
|------------------------------------------------------------------------------------------------------------|-----|
| 13.63. CONNECTOR BODY COMPOSITES (7601M / 7603M / 7604M / 7605M / 7607M / 7611 / 7700M / 7710), P. 50..... | 216 |
| 13.64. CONNECTOR BODY COMPOSITES (7711 / 7801M / 8000 / 8001), P. 50A.....                                 | 217 |
| 13.65. CONNECTOR BODY COMPOSITES (8102 / 8150 / 8151 / 8200 / 8201 / 8301), P. 51.....                     | 218 |
| 13.66. CONNECTOR BODY COMPOSITES (8502 / 8503 / 8505A / 8600 / 8602 / 8800), P. 52.....                    | 219 |
| 13.67. CONNECTOR BODY COMPOSITES (8805 / 8807 / 8881 / 8882), P. 53.....                                   | 220 |
| 13.68. CONNECTOR BODY COMPOSITES (8883 / 8884A / 8884C), P. 53A.....                                       | 221 |
| 13.69. CONNECTOR BODY COMPOSITES (8995 / 8996), P. 53B.....                                                | 222 |
| 13.70. CONNECTOR BODY COMPOSITES (8997 / 8998 / 8999 / 9001), P. 54.....                                   | 223 |
| 13.71. CONNECTOR BODY COMPOSITES (9100 / 9101 / 9101A / 9102 / 9260 / 9261), P. 55.....                    | 224 |
| 13.72. CONNECTOR BODY COMPOSITES (9511A / 9521 / 9522 / 9530), P. 56.....                                  | 225 |
| 13.73. CONNECTOR BODY COMPOSITES (9715 / 9715F / 9716 / 9716M / 9717), P. 57.....                          | 226 |
| 13.74. CONNECTOR BODY COMPOSITES (9717 / 9717F / 9736 / 9737 / 9740), P. 58.....                           | 227 |
| 13.75. CONNECTOR BODY COMPOSITES (9778 / 9778F / 9779F / 9780M), P. 58A.....                               | 228 |
| 13.76. CONNECTOR BODY COMPOSITES (9745 / 9746 / 9800), P. 59.....                                          | 229 |
| 13.77. CONNECTOR BODY COMPOSITES (9812 / 9900 / 9913B / 9915), P. 60.....                                  | 230 |
| 13.78. CONNECTOR BODY COMPOSITES (9916 / 9930 / 9994), P. 60A.....                                         | 231 |



## INSTRUCTIONS AND CHARTS (CHAPTER 2)

## 2.1. ABBREVIATIONS, P. 1

| NAVISTAR, INC                                                                                                               |                     |              |                | ELECTRICAL CIRCUIT DIAGRAM |              |
|-----------------------------------------------------------------------------------------------------------------------------|---------------------|--------------|----------------|----------------------------|--------------|
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|                                                                                                                             |                     |              |                | ABBREVIATIONS              |              |
| ABBREVIATION                                                                                                                | DESCRIPTION         | ABBREVIATION | DESCRIPTION    | ABBREVIATION               | DESCRIPTION  |
| ACCESS                                                                                                                      | ACCESSORY           | CRUS         | CRUISE         | PWR                        | POWER        |
| ACCUM                                                                                                                       | ACCUMULATOR         | CUR          | CURRENT        | PRESS                      | PRESSURE     |
| AC                                                                                                                          | AIR CONDITIONING    | DPNL         | DASHBOARD      | RAD                        | RADIO        |
| AIR CLNR                                                                                                                    | AIR CLEANER         | DFTR         | DEFLECTOR      | RR                         | REAR         |
| ALT                                                                                                                         | ALTERNATOR          | DFR          | DEFROSTER      | RLY                        | RELAY        |
| ACCEL                                                                                                                       | ACCELERATOR         | DEG          | DEGREE         | RES                        | RESISTOR     |
| AC                                                                                                                          | ALTERNATING CURRENT | DIAG         | DIAGRAM        | REGEN                      | REGENERATE   |
| AFTR                                                                                                                        | AFTERTREATMENT      | DSL          | DIESEL         | R                          | RIGHT        |
| AMM                                                                                                                         | AMMETER             | DIFF         | DIFFERENTIAL   | RTR                        | ROTOR        |
| AMP                                                                                                                         | AMPERE              | DIMR         | DIMMER         | SNSR                       | SENSOR       |
| AMP HR                                                                                                                      | AMPERE HOUR         | ELEC         | ELECTRICAL     | SHLD                       | SHIELD       |
| AMPL                                                                                                                        | AMPLIFIER           | ELEX         | ELECTRONICS    | SHFT                       | SHIFTER      |
| ARM                                                                                                                         | ARMATURE            | ENG          | ENGINE         | SLPR                       | SLEEPER      |
| ARSR                                                                                                                        | ARRESTER            | EXH          | EXHAUST        | SLV                        | SLEEVE       |
| ASSY                                                                                                                        | ASSEMBLY            | FL           | FLUID          | SPKR                       | SPEAKER      |
| AUX                                                                                                                         | AUXILIARY           | FWD          | FORWARD        | SPR                        | SPRING       |
| B/U                                                                                                                         | BACK-UP             | FR           | FRONT          | STD                        | STANDARD     |
| BTRY                                                                                                                        | BATTERY             | FREQ         | FREQUENCY      | STRG                       | STEERING     |
| BM                                                                                                                          | BENCHMARKING        | GA           | GAUGE          | STLITE                     | SATELLITE    |
| BLK                                                                                                                         | BLOCK               | GEN          | GENERATOR      | SUNSH                      | SUNSHADE     |
| BOOS                                                                                                                        | BOOSTER             | GND          | GROUND         | SW                         | SWITCH       |
| BOT                                                                                                                         | BOTTOM              | HARN         | HARNESS        | SYS                        | SYSTEM       |
| BK                                                                                                                          | BRAKE               | HDLP         | HEADLAMP       | TACH                       | TACHOMETER   |
| BRKR                                                                                                                        | BREAKER             | HTD          | HEATED         | TEMP                       | TEMPERATURE  |
| BRTHR                                                                                                                       | BREATHING           | HT TR        | HEAT TREAT     | TERM                       | TERMINAL     |
| BRI                                                                                                                         | BRIGHT              | HTR          | HEATER         | THROT                      | THROTTLE     |
| BUZ                                                                                                                         | BUZZER              | HP           | HORSEPOWER     | THRU                       | THROUGH      |
| CA                                                                                                                          | CABLE               | HYD          | HYDRAULIC      | TRAC                       | TRACTION     |
| CD                                                                                                                          | CANDELA             | ID           | IDENTIFICATION | TRLR                       | TRAILER      |
| CP                                                                                                                          | CANDLEPOWER         | IGN          | IGNITION       | XDCR                       | TRANSDUCER   |
| CAP                                                                                                                         | CAPACITOR           | ILLUM        | ILLUMINATION   | XFER                       | TRANSFER     |
| CAT                                                                                                                         | CATERPILLAR         | IND          | INDICATOR      | XFMR                       | TRANSFORMER  |
| CHAS                                                                                                                        | CHASSIS             | INST         | INSTRUMENT     | XSTR                       | TRANSISTOR   |
| CH                                                                                                                          | CHOKE               | INT          | INTERMITTENT   | XMSN                       | TRANSMISSION |
| CIRC                                                                                                                        | CIRCUIT             | L            | LEFT           | XMTR                       | TRANSMITTER  |
| CLK                                                                                                                         | CLOCK               | LT           | LIGHT          | TRK                        | TRUCK        |
| CW                                                                                                                          | CLOCKWISE           | LTR          | LIGHTER        | UPR                        | UPPER        |
| CLSTR                                                                                                                       | CLUSTER             | LWR          | LOWER          | VLV                        | VALVE        |
| CL                                                                                                                          | CLUTCH              | MAG          | MAGNET         | VERT                       | VERTICAL     |
| COL                                                                                                                         | COLUMN              | MOD          | MODULATOR      | VM                         | VOLTMETER    |
| COMM                                                                                                                        | COMMUTATOR          | MDL          | MODULE         | VOL                        | VOLUME       |
| CMPNT                                                                                                                       | COMPONENT           | MOT          | MOTOR          | WSHR                       | WASHER       |
| CPRSR                                                                                                                       | COMPRESSOR          | MTD          | MOUNTED        | WHL                        | WHEEL        |
| CONN                                                                                                                        | CONNECTOR           | NEG          | NEGATIVE       | WDO                        | WINDOW       |
| CONT                                                                                                                        | CONTINUED           | NZ           | NOT WITH       | WSHLD                      | WINDSHIELD   |
| CSL                                                                                                                         | CONSOLE             | NO.          | NUMBER         | WPR                        | WIPER        |
| CONT                                                                                                                        | CONTACT             | PASS         | PASSENGER      | W/                         | WITH         |
| CONT                                                                                                                        | CONTROL             | POSN         | POSITION       | W/O                        | WITHOUT      |
| CONV                                                                                                                        | CONVERTER           | POS          | POSITIVE       |                            |              |
| CLR                                                                                                                         | COOLER              | POT          | POTENTIOMETER  |                            |              |
| CTSY                                                                                                                        | COURTESY            |              |                |                            |              |

| CHK  | DATE    | CHANGE           | REV | REFERENCE | DRAWN       | NAME                       |
|------|---------|------------------|-----|-----------|-------------|----------------------------|
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|      |         |                  |     |           | RELEASE NO. | DATE                       |
|      |         |                  |     |           | 67696A      | 04AUG10                    |
|      |         |                  |     |           |             | PART NO.                   |
|      |         |                  |     |           |             | AE08064593                 |
|      |         |                  |     |           |             | SHEET                      |
|      |         |                  |     |           |             | 001                        |

Figure 1 Abbreviations



## 2.3. CIRCUIT DIAGRAM INSTRUCTIONS, P. 3

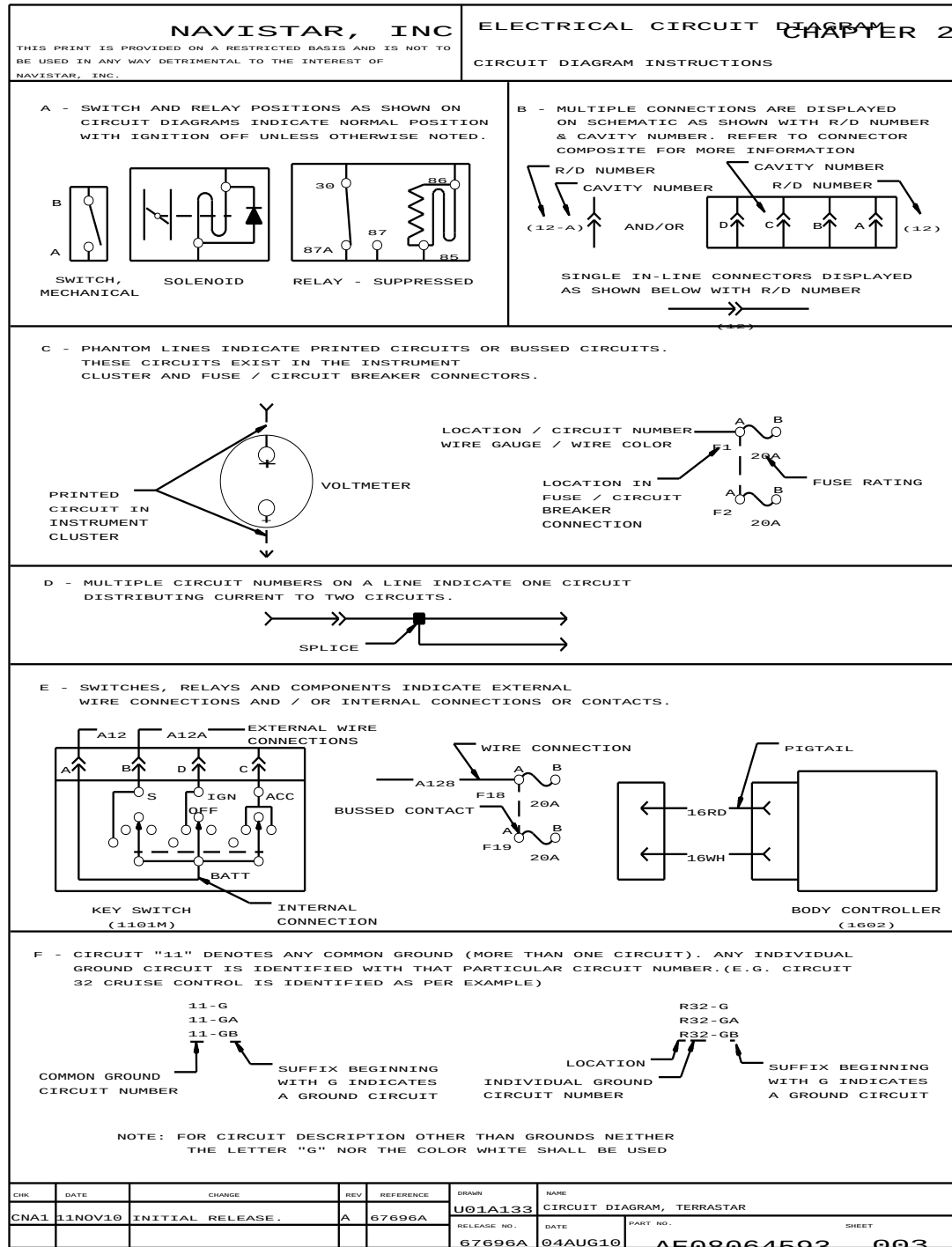


Figure 3 Circuit Diagram Instructions

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 2.4. CIRCUIT NUMBER IDENTIFICATION AND COLOR, P. 4

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 2

CIRCUIT NUMBER IDENTIFICATION AND COLOR

| CIRCUIT NUMBER | COLOR | DESCRIPTION                                         |
|----------------|-------|-----------------------------------------------------|
| 1              | LTBL  | ALTERNATOR-FIELD                                    |
| 2              | RD    | ALTERNATOR-CHARGE                                   |
| 3              | DKBL  | SERIAL / DATA COMMUNICATION J1587 / J1708 (+)       |
|                | GY    | SERIAL / DATA COMMUNICATION J1587 / J1708 (-)       |
| 4              | DKBL  | SERIAL / DATA COMMUNICATION J1922 (+)               |
|                | GY    | SERIAL / DATA COMMUNICATION J1922 (-)               |
| 5              | YL    | SERIAL / DATA COMMUNICATION J1939/11 / J1939/15 (+) |
|                | GN    | SERIAL / DATA COMMUNICATION J1939/11 / J1939/15 (-) |
| 6              | GY    | LOW VOLTAGE ELECTRONIC FEED (LESS THAN 9 VOLTS)     |
| 7              | RD    | ALTERNATOR-RESISTANCE                               |
| 8              |       |                                                     |
| 9              | GY    | ZERO VOLT REFERENCE (ZVR)                           |
| 10             | WH    | CHASSIS / ENGINE GROUND                             |
| 11             | WH    | CAB / SLEEPER GROUND                                |
| 12             | LTBL  | ACCESSORY FEED                                      |
| 13             | PK    | IGNITION FEED                                       |
|                | BK    | IGNITION FEED (BODY BUILDER CONNECTOR)              |
| 14             | RD    | BATTERY FEED                                        |
| 15             | RD    | KEY SWITCH FEED                                     |
| 16             |       |                                                     |
| 17             | PK    | STARTER CONTROL                                     |
| 18             | PK    | GLOW PLUG / PREHEATER                               |
| 19             | GY    | ENGINE SHUTDOWN                                     |
| 20             | LTGN  | REMOTE POWER MODULE                                 |
| 21             | TN    | COLD START CONTROLS (ETHER)                         |
| 22             | TN    | TIRE PRESSURE MONITORING / CONTROL                  |
| 23             | TN    | ENGINE FAN / SHUTTERS                               |
| 24             | GY    | ENGINE EXHAUST BRAKE                                |
| 25             | TN    | PYROMETER                                           |
| 26             | TN    | AMMETER                                             |
| 27             | TN    | VOLTMETER                                           |
| 28             | TN    | INSTRUMENT & GAUGES                                 |
| 29             | TN    | ENGINE WATER TEMPERATURE                            |
| 30             | TN    | ENGINE OIL TEMPERATURE                              |
| 31             | TN    | TRANSMISSION OIL TEMPERATURE                        |
| 32             | TN    | AXLE OIL TEMPERATURE                                |
| 33             | TN    | ENGINE OIL LEVEL                                    |
| 34             | TN    | COOLANT LEVEL                                       |
| 35             | TN    | ENGINE OIL PRESSURE                                 |
| 36             | TN    | FUEL LEVEL                                          |
| 37             | TN    | FUEL PUMP                                           |
| 38             | GY    | LIFT AXLE                                           |
| 39             | GY    | AIR DRYER HEATER                                    |
| 40             | GY    | LOW AIR PRESSURE WARNING                            |

| CHK  | DATE    | CHANGE           | REV | REFERENCE | DRAWN       | NAME                       |
|------|---------|------------------|-----|-----------|-------------|----------------------------|
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Figure 4 Circuit Number Identification and Color

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 2.5. CIRCUIT NUMBER IDENTIFICATION AND COLOR (CONT.), P. 5

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 2

CIRCUIT NUMBER IDENTIFICATION AND COLOR (CONT)

| CIRCUIT NUMBER | COLOR | DESCRIPTION                                          |
|----------------|-------|------------------------------------------------------|
| 41             | TN    | AIR TEMPERATURE                                      |
| 42             | GY    | FRONT AXLE ENGAGED                                   |
| 43             | GY    | POWER DIVIDER LOCK (PDL) WARNING                     |
| 44             | GY    | PARK BRAKE WARNING                                   |
| 45             | LTGN  | ANTITHEFT WARNING                                    |
| 46             | GY    | POWER TAKEOFF WARNING                                |
| 47             | GY    | SPEEDOMETER                                          |
| 48             | GY    | TACHOMETER                                           |
| 49             | GY    | DIFFERENTIAL LOCK WARNING                            |
| 50             | YL    | LIGHT SWITCH FEED                                    |
| 51             | YL    | DIMMER SWITCH FEED                                   |
| 52             | YL    | HEADLIGHT HI - BEAM                                  |
| 53             | YL    | HEADLIGHT LO - BEAM                                  |
| 54             | BN    | PARKING / MARKER LIGHTS                              |
| 55             | OR    | TURN SIGNAL - FEED                                   |
| 56             | OR    | TURN SIGNAL LIGHTS - LEFT                            |
|                | YL    | TURN SIGNAL LIGHTS - LEFT (BODY BUILDER CONNECTION)  |
| 57             | OR    | TURN SIGNAL LIGHTS - RIGHT                           |
|                | LTGN  | TURN SIGNAL LIGHTS - RIGHT (BODY BUILDER CONNECTION) |
| 58             | BN    | CLEARANCE / IDENTIFICATION LIGHTS                    |
| 59             | GY    | SOLENOID                                             |
| 60             | OR    | HAZARD LIGHTS                                        |
| 61             | GY    | AIR SUSPENSION                                       |
| 62             | DKBL  | PANEL LIGHTS                                         |
| 63             | DKBL  | COURTESY / DOME LIGHTS                               |
| 64             | YL    | FOG / DRIVING LIGHTS                                 |
| 65             | OR    | CAB REAR FLOOD LIGHTS                                |
| 66             | YL    | DAYTIME RUNNING LIGHTS                               |
| 67             | GY    | OBSTACLE AVOIDANCE / REMOTE SENSOR                   |
| 68             | BN    | TAIL LIGHTS                                          |
| 69             | BN    | LICENSE PLATE LIGHT                                  |
| 70             | OR    | STOP LIGHTS                                          |
|                | RD    | STOP LIGHTS (BODY BUILDER CONNECTION)                |
| 71             | OR    | BACK-UP LIGHTS                                       |
|                | LTBL  | BACK-UP LIGHTS (BODY BUILDER CONNECTION)             |
| 72             | OR    | TRAILER AUXILIARY FEED - BATTERY                     |
| 73             | LTGN  | PWM                                                  |
| 74             | LTGN  | HEATER RECIRC MOTOR                                  |
| 75             | LTGN  | HEATER BLOWER MOTOR                                  |
| 76             | LTGN  | AUXILIARY FAN                                        |
| 77             | LTGN  | AIR CONDITIONER                                      |
| 78             | LTGN  | MIRRORS - HEATED, MOTORIZED                          |
| 79             | GY    | SEAT BELTS                                           |
| 80             | BK    | SLEEPER BOX RELAY - FEED                             |

|      |         |                  |     |           |             |                            |
|------|---------|------------------|-----|-----------|-------------|----------------------------|
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|      |         |                  |     |           |             | 005                        |

Figure 5 Circuit Number Identification and Color (Cont.)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 2.6. CIRCUIT NUMBER IDENTIFICATION AND COLOR (CONT.), P. 6

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 2

CIRCUIT NUMBER IDENTIFICATION AND COLOR (CONT.)

| CIRCUIT NUMBER | COLOR | DESCRIPTION                             |
|----------------|-------|-----------------------------------------|
| 81             | LTGN  | POWER DOOR LOCKS                        |
| 82             | GY    | WINDSHIELD WIPER                        |
| 83             | LTGN  | POWER WINDOWS                           |
| 84             | LTGN  | CIGAR LIGHTER                           |
| 85             | GY    | HORN                                    |
| 86             | LTGN  | RADIO - ENTERTAINMENT / CLOCK           |
| 87             | GY    | WINDSHIELD WASHER                       |
| 88             | LTGN  | CLOCK / HOURMETER                       |
| 89             | VT    | AIR BAG                                 |
| 90             | GY    | HYDRAULIC BRAKE PUMP                    |
| 91             | VT    | INTERCOMMUNICATION                      |
| 92             | TN    | TRANSMISSION CONTROLS - ELECTRONICS     |
| 93             | TN    | AXLE SHIFT CONTROL                      |
| 94             | GY    | ANTILOCK BRAKE SYSTEM                   |
| 95             | TN    | EXHAUST EMISSION                        |
| 96             | YL    | SNOW PLOW LIGHTS / CRUISE CONTROLS      |
| 97             | VT    | ENGINE CONTROLS - ELECTRONIC            |
| 98             | BK    | DATALINK AND DIAGNOSTICS                |
| 99             | VT    | ACCELERATOR POSITION SENSOR (APS)       |
| 100            | GY    | AIR HORN (ELECTRIC SOLENOID ACTUATED)   |
| 101            | TN    | BRAKE APPLICATION AIR                   |
| 102            | YL    | FLASH TO PASS                           |
| 103            | LTGN  | BODY BUILDER AUXILIARY FEED             |
| 104            | DKBL  | REMOTE START / STOP                     |
| 105            | LTGN  | HEATED SEATS                            |
| 106            | OR    | HIGH VOLTAGE ALTERNATOR AC CHARGE       |
| 107            | GY    | INSTRUMENT CLUSTER ELECTRONIC FEED (5V) |
| 108            | GY    | BRAKE PAD WEAR SENSOR                   |
| 109            | GY    | BRAKE STROKE / SLACK ADJUSTER           |
| 110            | GY    | INSTRUMENT CLUSTER ELECTRONIC GROUND    |
| 111            | TN    | FUEL FILTER RESTRICTION TRANSDUCER      |
| 112            | GY    | LIFT GATE                               |

| PREFIX | LOCATION                                                   |
|--------|------------------------------------------------------------|
| A      | CAB - INSTRUMENT PANEL MODULE                              |
| B      | CAB - DRIVER CONTROL MODULE                                |
| C      | CAB - HEADER / CLEARANCE LIGHTS                            |
| D      | CAB - ROOF / REAR PANEL                                    |
| E      | CAB - LEFT DOOR / DOORS                                    |
| F      | CAB - RIGHT DOOR / DOORS                                   |
| H      | CAB - SLEEPER                                              |
| J      | CAB - DASH (OUTSIDE)                                       |
| K      | ENGINE / RADIATOR                                          |
| L      | TRANSMISSION                                               |
| M      | CHASSIS / FRONT END (CAB DASH PANEL FORWARD)               |
| N      | CHASSIS / CENTER SECTION (CAB DASH PANEL TO CAB REAR XMBR) |
| P      | CHASSIS / WHEEL BASE SECTION                               |
| R      | CHASSIS / SUSPENSION / REAR AXLE / AXLES                   |
| S      | CHASSIS / AE SECTION / STOP / TAIL / TURN LIGHTS           |
| T      | TRAVEL DOORS                                               |
| U      | HOOD MTD HEADLIGHTS / MARKER LIGHTS                        |
| V      | SLEEPER ROOF / BACK PANEL WIRING                           |
| W      | WARDROBE CABINET WIRING                                    |

| CHK  | DATE    | CHANGE           | REV | REFERENCE | DRAWN       | NAME                       |
|------|---------|------------------|-----|-----------|-------------|----------------------------|
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|      |         |                  |     |           | RELEASE NO. | DATE                       |
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|      |         |                  |     |           |             | PART NO.                   |
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|      |         |                  |     |           |             | 006                        |

Figure 6 Circuit Number Identification and Color (Cont.)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 2.7. LAMP BULB CHART, P. 7

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------|-----|---------------------------------------------------------------------------------|-------------|----------------------------|------------------|---------------------|-------------------|----------------|-------|--------|----------------------------------|------|-------|----------------|-------|------|-------------|-------|------|------------|----------|----------|-----------|---------|--------|------------|---------|--------|---------------|------|------|-----------|------|------|-------------|--|------|------------------------------------|-----------|------|-------------------------------|-----------|------|----------------------------|--|------|---------------------|---------|------|---------------------------------------------------|-------|------|--------------------------|----|------|------------------|-------------------|-----------|--------------|-----------|-----|-----------------|---------|------------|---------------------|------|-----|------------------------------------|------|-----|---------------------------|------|----|---------------|-------|------|
| <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 55%;">BULB APPLICATION</th> <th style="width: 25%;">CANDLEPOWER OR WATT</th> <th style="width: 20%;">BULB TRADE NUMBER</th> </tr> </thead> <tbody> <tr><td>BACK-UP LIGHTS</td><td>32 CP</td><td>GE1156</td></tr> <tr><td>CLEARANCE &amp; IDENTIFICATION SMALL</td><td>3 CP</td><td>GE168</td></tr> <tr><td>COURTESY LIGHT</td><td>21 CP</td><td>1142</td></tr> <tr><td>DOVE LIGHTS</td><td>21 CP</td><td>1142</td></tr> <tr><td>FOG LIGHTS</td><td>100 WATT</td><td>4921 - 3</td></tr> <tr><td>LOW BEAMS</td><td>55 WATT</td><td>GE9007</td></tr> <tr><td>HIGH BEAMS</td><td>60 WATT</td><td>GE9007</td></tr> <tr><td>CIGAR LIGHTER</td><td>1 CP</td><td>1455</td></tr> <tr><td>MAP LIGHT</td><td>3 CP</td><td>1816</td></tr> <tr><td>SIDE MARKER</td><td></td><td>2548</td></tr> <tr><td>STOP &amp; TURN / TAIL &amp; LICENSE PLATE</td><td>32 / 3 CP</td><td>3157</td></tr> <tr><td>TURN SIGNAL / MARKER (FENDER)</td><td>32 / 3 CP</td><td>3157</td></tr> <tr><td>TURN SIGNAL &amp; MARKER LIGHT</td><td></td><td>2356</td></tr> <tr><td>WORK (TRAILER HOOK)</td><td>35 WATT</td><td>4411</td></tr> <tr><td>BACK-UP LIGHTS UPPER AND LOWER BUNK READING LIGHT</td><td>15 CP</td><td>1003</td></tr> <tr><td>CABINET / WARDROBE LIGHT</td><td>5W</td><td>7575</td></tr> <tr><td>UNDER BUNK LIGHT</td><td>21 CP / 2 (12 CP)</td><td>577 / 211</td></tr> <tr><td>ACCENT LIGHT</td><td>2 (12 CP)</td><td>211</td></tr> <tr><td>DOVE LIGHT LAMP</td><td>15 WATT</td><td>F15TB - CW</td></tr> <tr><td>SLEEPER FLOOR LIGHT</td><td>4 CP</td><td>W5W</td></tr> <tr><td>HEATER AND AIR CONDITIONER CONTROL</td><td>3 CP</td><td>168</td></tr> <tr><td>LUGGAGE COMPARTMENT LIGHT</td><td>6 CP</td><td>99</td></tr> <tr><td>READING LIGHT</td><td>15 CP</td><td>1003</td></tr> </tbody> </table> |                     |                   |     |                                                                                 |             |                            | BULB APPLICATION | CANDLEPOWER OR WATT | BULB TRADE NUMBER | BACK-UP LIGHTS | 32 CP | GE1156 | CLEARANCE & IDENTIFICATION SMALL | 3 CP | GE168 | COURTESY LIGHT | 21 CP | 1142 | DOVE LIGHTS | 21 CP | 1142 | FOG LIGHTS | 100 WATT | 4921 - 3 | LOW BEAMS | 55 WATT | GE9007 | HIGH BEAMS | 60 WATT | GE9007 | CIGAR LIGHTER | 1 CP | 1455 | MAP LIGHT | 3 CP | 1816 | SIDE MARKER |  | 2548 | STOP & TURN / TAIL & LICENSE PLATE | 32 / 3 CP | 3157 | TURN SIGNAL / MARKER (FENDER) | 32 / 3 CP | 3157 | TURN SIGNAL & MARKER LIGHT |  | 2356 | WORK (TRAILER HOOK) | 35 WATT | 4411 | BACK-UP LIGHTS UPPER AND LOWER BUNK READING LIGHT | 15 CP | 1003 | CABINET / WARDROBE LIGHT | 5W | 7575 | UNDER BUNK LIGHT | 21 CP / 2 (12 CP) | 577 / 211 | ACCENT LIGHT | 2 (12 CP) | 211 | DOVE LIGHT LAMP | 15 WATT | F15TB - CW | SLEEPER FLOOR LIGHT | 4 CP | W5W | HEATER AND AIR CONDITIONER CONTROL | 3 CP | 168 | LUGGAGE COMPARTMENT LIGHT | 6 CP | 99 | READING LIGHT | 15 CP | 1003 |
| BULB APPLICATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | CANDLEPOWER OR WATT | BULB TRADE NUMBER |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| BACK-UP LIGHTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 32 CP               | GE1156            |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| CLEARANCE & IDENTIFICATION SMALL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3 CP                | GE168             |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| COURTESY LIGHT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 21 CP               | 1142              |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| DOVE LIGHTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 21 CP               | 1142              |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| FOG LIGHTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 100 WATT            | 4921 - 3          |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| LOW BEAMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 55 WATT             | GE9007            |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| HIGH BEAMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 60 WATT             | GE9007            |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| CIGAR LIGHTER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 CP                | 1455              |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| MAP LIGHT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3 CP                | 1816              |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| SIDE MARKER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     | 2548              |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| STOP & TURN / TAIL & LICENSE PLATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 32 / 3 CP           | 3157              |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| TURN SIGNAL / MARKER (FENDER)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 32 / 3 CP           | 3157              |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| TURN SIGNAL & MARKER LIGHT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     | 2356              |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| WORK (TRAILER HOOK)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 35 WATT             | 4411              |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| BACK-UP LIGHTS UPPER AND LOWER BUNK READING LIGHT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 15 CP               | 1003              |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| CABINET / WARDROBE LIGHT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5W                  | 7575              |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| UNDER BUNK LIGHT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 21 CP / 2 (12 CP)   | 577 / 211         |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| ACCENT LIGHT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2 (12 CP)           | 211               |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| DOVE LIGHT LAMP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 15 WATT             | F15TB - CW        |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| SLEEPER FLOOR LIGHT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4 CP                | W5W               |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| HEATER AND AIR CONDITIONER CONTROL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3 CP                | 168               |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| LUGGAGE COMPARTMENT LIGHT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 6 CP                | 99                |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| READING LIGHT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 15 CP               | 1003              |     |                                                                                 |             |                            |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| CHK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | DATE                | CHANGE            | REV | REFERENCE                                                                       | DRAWN       | NOTE                       |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
| CNA1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 11NOV10             | INITIAL RELEASE.  | A   | 67696A                                                                          | U01A133     | CIRCUIT DIAGRAM, TERRASTAR |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                   |     |                                                                                 | RELEASE NO. | DATE                       |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                   |     |                                                                                 | 67696A      | 04AUG10                    |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                   |     |                                                                                 |             | PART NO.                   |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                   |     |                                                                                 |             | AE08064593                 |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                   |     |                                                                                 |             | SHEET                      |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                   |     |                                                                                 |             | 007                        |                  |                     |                   |                |       |        |                                  |      |       |                |       |      |             |       |      |            |          |          |           |         |        |            |         |        |               |      |      |           |      |      |             |  |      |                                    |           |      |                               |           |      |                            |  |      |                     |         |      |                                                   |       |      |                          |    |      |                  |                   |           |              |           |     |                 |         |            |                     |      |     |                                    |      |     |                           |      |    |               |       |      |

Figure 7 Lamp Bulb Chart

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 2.8. RELAY FUNCTION AND WIRING DIAGRAM, P. 8

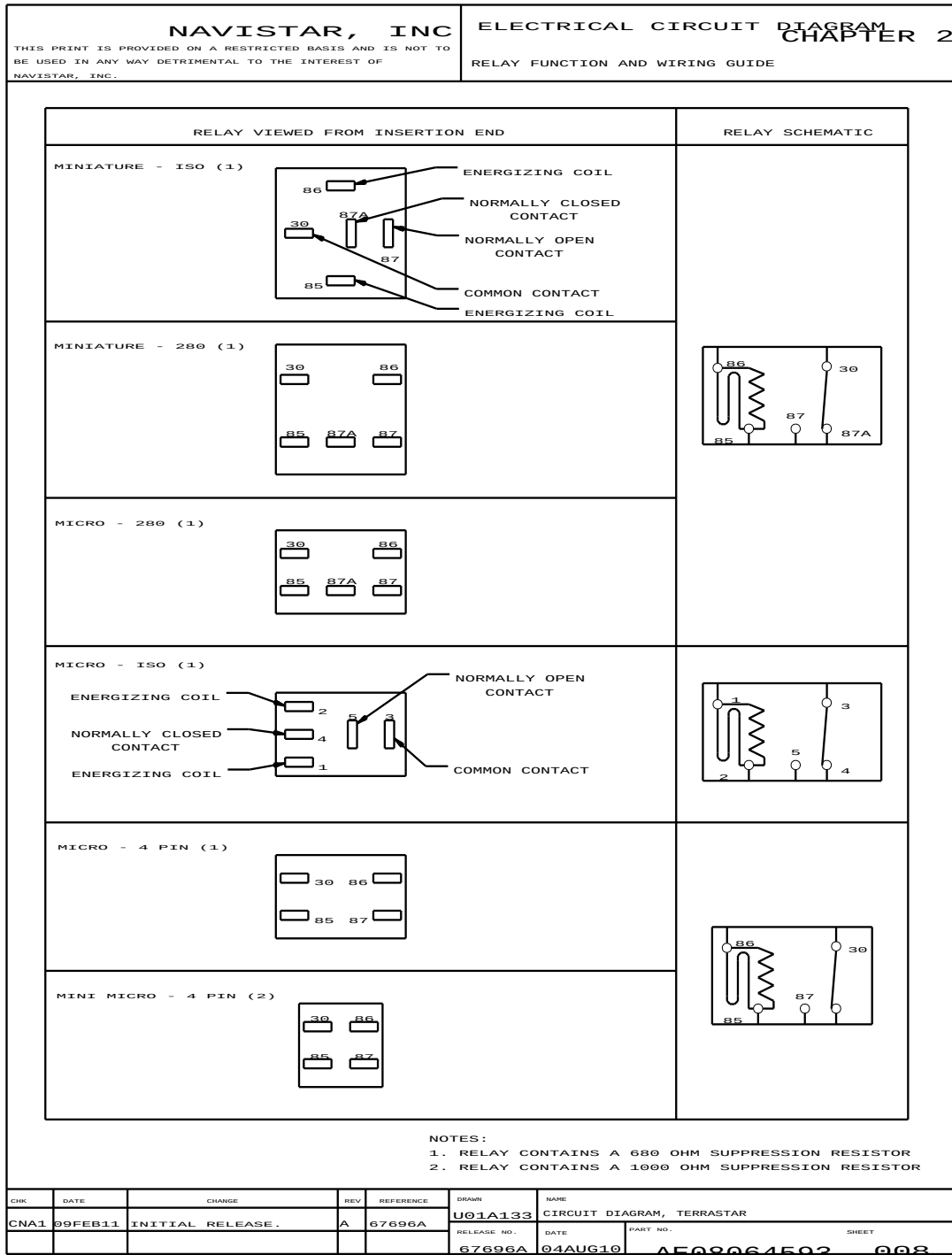


Figure 8 Relay Function and Wiring Diagram



# ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 2.9. SCHEMATIC SYMBOL CHART, P. 9

| NAVISTAR, INC                                                                                                               |         |                  |     |           | ELECTRICAL CIRCUIT DIAGRAM |                            |            |
|-----------------------------------------------------------------------------------------------------------------------------|---------|------------------|-----|-----------|----------------------------|----------------------------|------------|
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC. |         |                  |     |           | CHAPTER 2                  |                            |            |
| SCHEMATIC SYMBOL CHART                                                                                                      |         |                  |     |           |                            |                            |            |
| SYMBOL                                                                                                                      |         |                  |     |           | DESCRIPTION                |                            |            |
|                                                                                                                             |         |                  |     |           | AIR DRYER                  |                            |            |
|                                                                                                                             |         |                  |     |           | ALARM                      |                            |            |
|                                                                                                                             |         |                  |     |           | ALTERNATOR                 |                            |            |
|                                                                                                                             |         |                  |     |           | AMMETER                    |                            |            |
|                                                                                                                             |         |                  |     |           | BATTERY                    |                            |            |
|                                                                                                                             |         |                  |     |           | BLUNT CUT CIRCUIT          |                            |            |
|                                                                                                                             |         |                  |     |           | BUSBAR                     |                            |            |
|                                                                                                                             |         |                  |     |           | CIGAR LIGHTER              |                            |            |
| TYPE 1 TYPE 2 OR 3<br>                                                                                                      |         |                  |     |           | CIRCUIT BREAKER            |                            |            |
|                                                                                                                             |         |                  |     |           | DIODE                      |                            |            |
|                                                                                                                             |         |                  |     |           | DIODE, LIGHT EMITTING      |                            |            |
|                                                                                                                             |         |                  |     |           | FAN SOLENOID               |                            |            |
|                                                                                                                             |         |                  |     |           | FEMALE TERMINAL            |                            |            |
|                                                                                                                             |         |                  |     |           | FUSE                       |                            |            |
| CHK                                                                                                                         | DATE    | CHANGE           | REV | REFERENCE | DRAWN                      | NONE                       |            |
| CNA1                                                                                                                        | 11NOV10 | INITIAL RELEASE. | A   | 67696A    | U01A133                    | CIRCUIT DIAGRAM, TERRASTAR |            |
|                                                                                                                             |         |                  |     |           | RELEASE NO.                | DATE                       | PART NO.   |
|                                                                                                                             |         |                  |     |           | 67696A                     | 04AUG10                    | AE08064593 |
|                                                                                                                             |         |                  |     |           |                            |                            | 009        |

Figure 9 Schematic Symbol Chart

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 2.10. SCHEMATIC SYMBOL CHART (CONT.), P. 10

| <b>NAVISTAR, INC</b><br><small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small> |         |                  |     |           | <b>ELECTRICAL CIRCUIT DIAGRAM</b><br><b>CHAPTER 2</b><br><b>SCHEMATIC SYMBOL CHART (CONT.)</b> |                            |            |       |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------|-----|-----------|------------------------------------------------------------------------------------------------|----------------------------|------------|-------|--|
| SYMBOL                                                                                                                                                             |         |                  |     |           | DESCRIPTION                                                                                    |                            |            |       |  |
|                                                                                                                                                                    |         |                  |     |           | FUSES W/ BUSBAR                                                                                |                            |            |       |  |
|                                                                                                                                                                    |         |                  |     |           | FUSIBLE LINK                                                                                   |                            |            |       |  |
|                                                                                                                                                                    |         |                  |     |           | GROUND N/ STUD                                                                                 |                            |            |       |  |
|                                                                                                                                                                    |         |                  |     |           | GROUND W/ STUD                                                                                 |                            |            |       |  |
|                                                                                                                                                                    |         |                  |     |           | HEATER                                                                                         |                            |            |       |  |
|                                                                                                                                                                    |         |                  |     |           | HOLDER, FUSE W/ BUSBAR                                                                         |                            |            |       |  |
|                                                                                                                                                                    |         |                  |     |           | BRACE                                                                                          |                            |            |       |  |
|                                                                                                                                                                    |         |                  |     |           | HORN                                                                                           |                            |            |       |  |
|                                                                                                                                                                    |         |                  |     |           | KEY SWITCH                                                                                     |                            |            |       |  |
|                                                                                                                                                                    |         |                  |     |           | KEY SWITCH, COMPLEX                                                                            |                            |            |       |  |
|                                                                                                                                                                    |         |                  |     |           | LIGHT W/ SWITCH                                                                                |                            |            |       |  |
|                                                                                                                                                                    |         |                  |     |           | LIGHT, DOUBLE FILAMENT                                                                         |                            |            |       |  |
|                                                                                                                                                                    |         |                  |     |           | LIGHT, SINGLE FILAMENT                                                                         |                            |            |       |  |
| CHK                                                                                                                                                                | DATE    | CHANGE           | REV | REFERENCE | DRAWN                                                                                          | NAME                       |            |       |  |
| CNA1                                                                                                                                                               | 11NOV10 | INITIAL RELEASE. | A   | 67696A    | U01A133                                                                                        | CIRCUIT DIAGRAM, TERRASTAR |            |       |  |
|                                                                                                                                                                    |         |                  |     |           | RELEASE NO.                                                                                    | DATE                       | PART NO.   | SHEET |  |
|                                                                                                                                                                    |         |                  |     |           | 67696A                                                                                         | 04AUG10                    | AE08064593 | 010   |  |

Figure 10 Schematic Symbol Chart (Cont.)

## 2.11. SCHEMATIC SYMBOL CHART (CONT.), P. 11

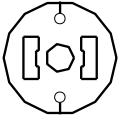
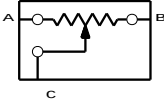
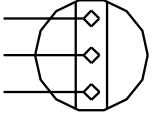
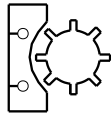
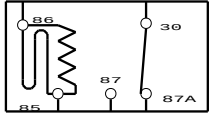
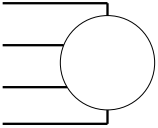
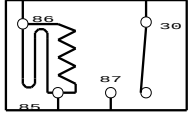
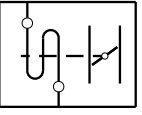
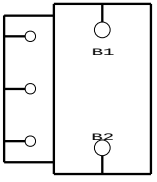
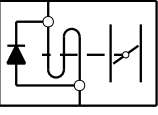
| NAVISTAR, INC                                                                                                               |                         |                  |     |           | ELECTRICAL CIRCUIT DIAGRAM<br>CHAPTER 2                                              |                              |            |       |  |
|-----------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------|-----|-----------|--------------------------------------------------------------------------------------|------------------------------|------------|-------|--|
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC. |                         |                  |     |           | SCHEMATIC SYMBOL CHART (CONT)                                                        |                              |            |       |  |
| SYMBOL                                                                                                                      | DESCRIPTION             |                  |     |           | SYMBOL                                                                               | DESCRIPTION                  |            |       |  |
|                                            | MALE TERMINAL           |                  |     |           |    | RESISTOR                     |            |       |  |
|                                            | MOTOR                   |                  |     |           |    | SENDER - FUEL,<br>OIL, WATER |            |       |  |
|                                            | PASS THRU<br>CONNECTION |                  |     |           |    | SENSOR, PRESSURE.<br>ABS 6   |            |       |  |
|                                            | PRESSURE SWITCH         |                  |     |           |   | SENSOR, MAGNETIC             |            |       |  |
|                                          | RELAY, FIVE<br>TERMINAL |                  |     |           |  | SENSOR, YAW                  |            |       |  |
|                                          | RELAY, FOUR<br>TERMINAL |                  |     |           |  | SOLENOID                     |            |       |  |
|                                          | RELAY, LATCHING         |                  |     |           |  | SOLENOID W/ DIODE            |            |       |  |
| CHK                                                                                                                         | DATE                    | CHANGE           | REV | REFERENCE | DRAWN                                                                                | NAME                         |            |       |  |
| CNA1                                                                                                                        | 11NOV10                 | INITIAL RELEASE. | A   | 67696A    | U01A133                                                                              | CIRCUIT DIAGRAM, TERRASTAR   |            |       |  |
|                                                                                                                             |                         |                  |     |           | RELEASE NO.                                                                          | DATE                         | PART NO.   | SHEET |  |
|                                                                                                                             |                         |                  |     |           | 67696A                                                                               | 04AUG10                      | AE08064593 | 011   |  |

Figure 11 Schematic Symbol Chart (Cont.)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 2.12. SCHEMATIC SYMBOL CHART (CONT.), P. 12

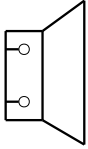
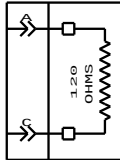
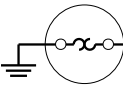
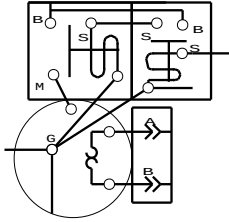
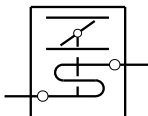
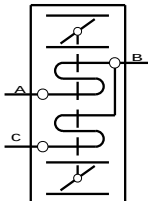
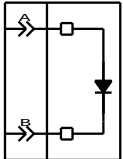
| NAVISTAR, INC                                                                                                               |         |                                      |     |           | ELECTRICAL CIRCUIT DIAGRAM<br>CHAPTER 2                                             |                            |                      |       |  |
|-----------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------|-----|-----------|-------------------------------------------------------------------------------------|----------------------------|----------------------|-------|--|
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC. |         |                                      |     |           | SCHEMATIC SYMBOL CHART (CONT)                                                       |                            |                      |       |  |
| SYMBOL                                                                                                                      |         | DESCRIPTION                          |     |           | SYMBOL                                                                              |                            | DESCRIPTION          |       |  |
|                                            |         | SPEAKER                              |     |           |    |                            | SWITCH, PUSH BUTTON  |       |  |
|                                            |         | SPLICE                               |     |           |    |                            | TERMINATING RESISTOR |       |  |
|                                            |         | STUD                                 |     |           |    |                            | THERMOSTAT           |       |  |
|                                           |         | START MOTOR W/ TOCP                  |     |           |   |                            | VALVE, ETHER BOTTLE  |       |  |
|                                          |         | SWITCH, MECHANICAL (NORMALLY OPEN)   |     |           |  |                            | VALVE, MODULATOR     |       |  |
|                                          |         | SWITCH, MECHANICAL (NORMALLY CLOSED) |     |           |  |                            | DIODE ASSEMBLY       |       |  |
| CHK                                                                                                                         | DATE    | CHANGE                               | REV | REFERENCE | DRAWN                                                                               | NAME                       |                      |       |  |
| CNA1                                                                                                                        | 11NOV10 | INITIAL RELEASE.                     | A   | 67696A    | U01A133                                                                             | CIRCUIT DIAGRAM, TERRASTAR |                      |       |  |
|                                                                                                                             |         |                                      |     |           | RELEASE NO.                                                                         | DATE                       | PART NO.             | SHEET |  |
|                                                                                                                             |         |                                      |     |           | 67696A                                                                              | 04AUG10                    | AE08064593           | 012   |  |

Figure 12 Schematic Symbol Chart (Cont.)

# 12 VOLT POWER DISTRIBUTION, GROUNDS, DATA BUS AND ELECTRICAL SYSTEM CONTROLLER (CHAPTER 3)

## 3.1. BATTERY FEED, DUAL, P. 1

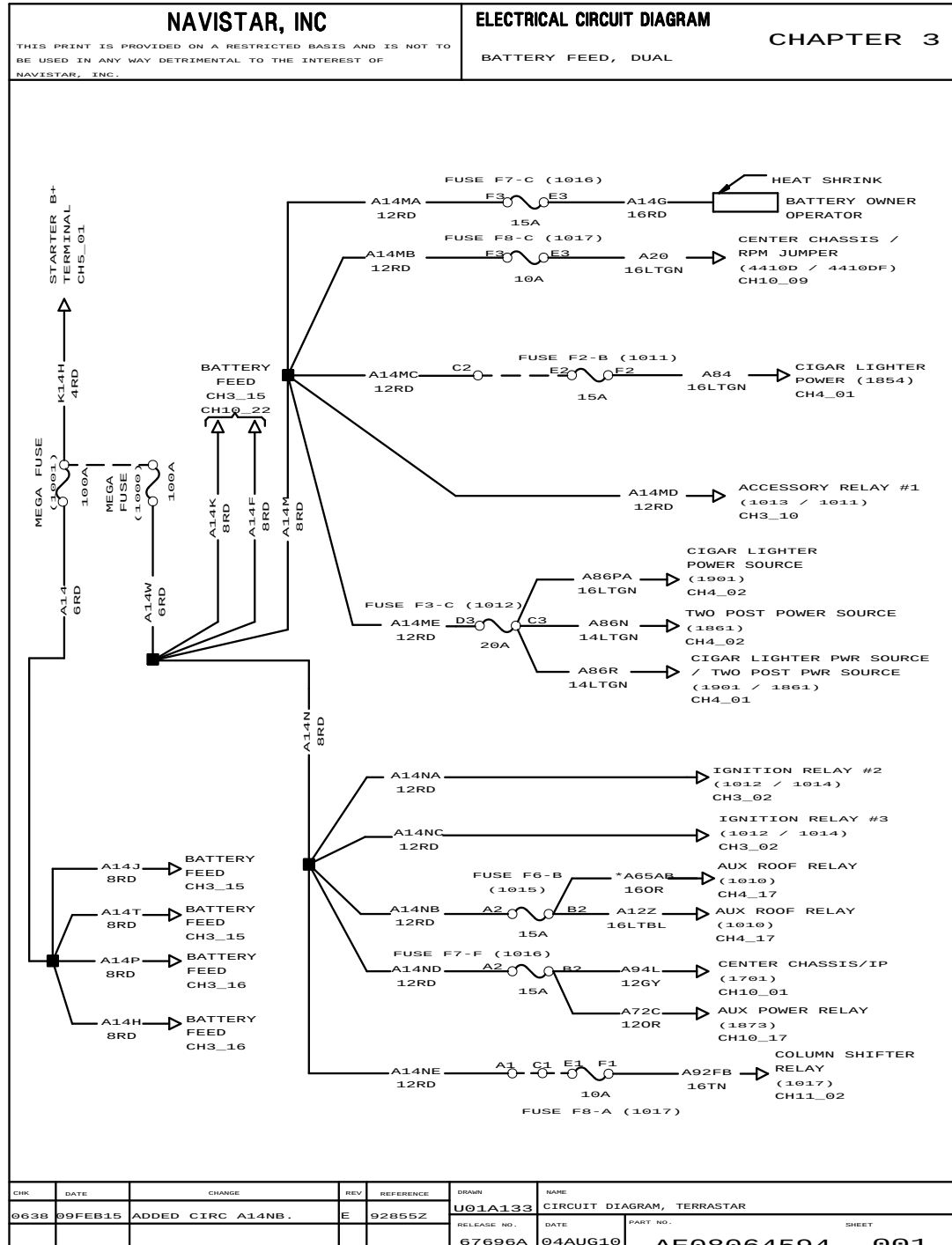


Figure 13 Battery Feed, Dual

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 3.2. IGNITION FEED – STANDARD, THEFT DETERRENT, REMOTE START / STOP, P. 2

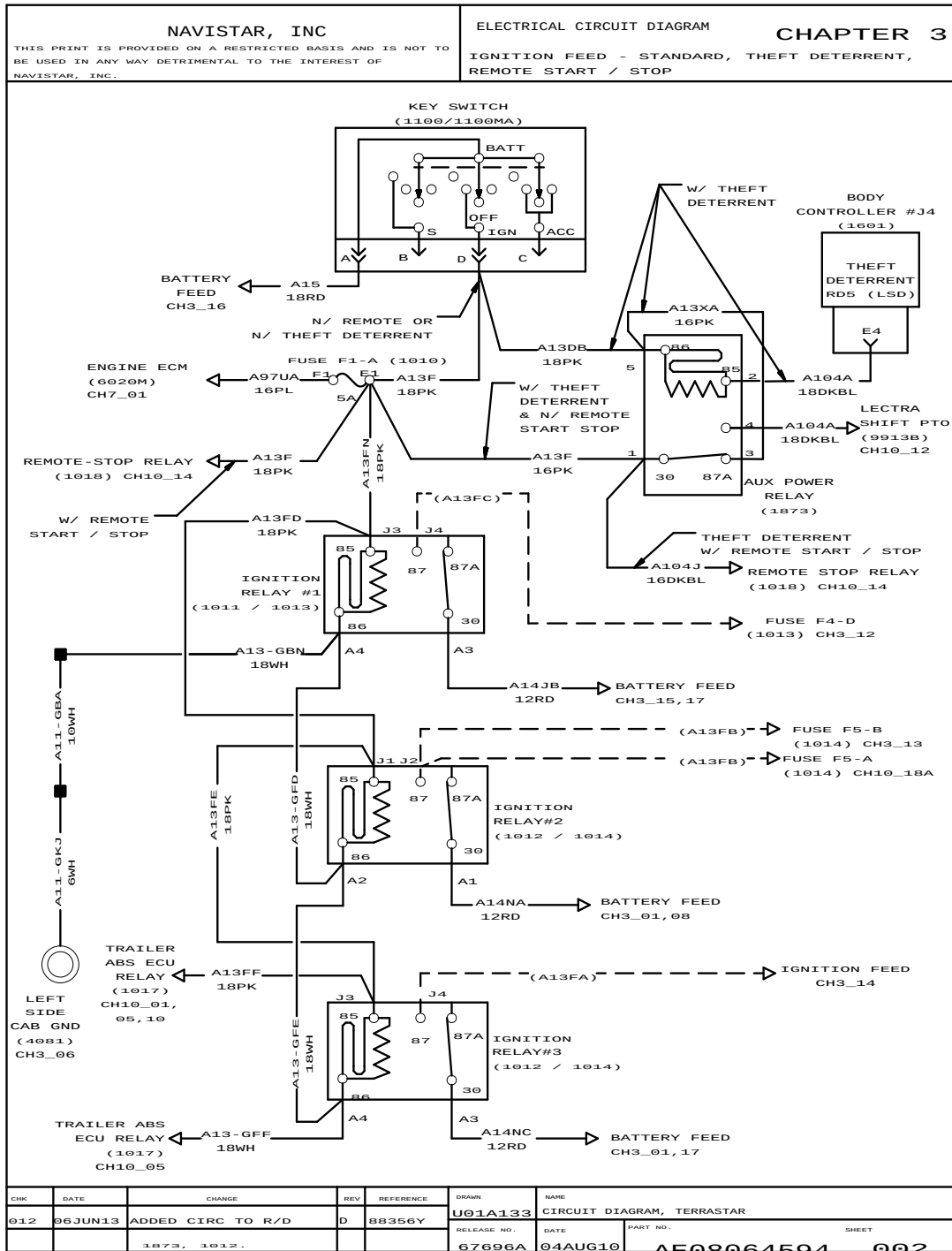


Figure 14 Ignition Feed – Standard, Theft Deterrent, Remote Start / Stop

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 3.3. J708 DATA LINK – PUBLIC EFFECTS, P. 3

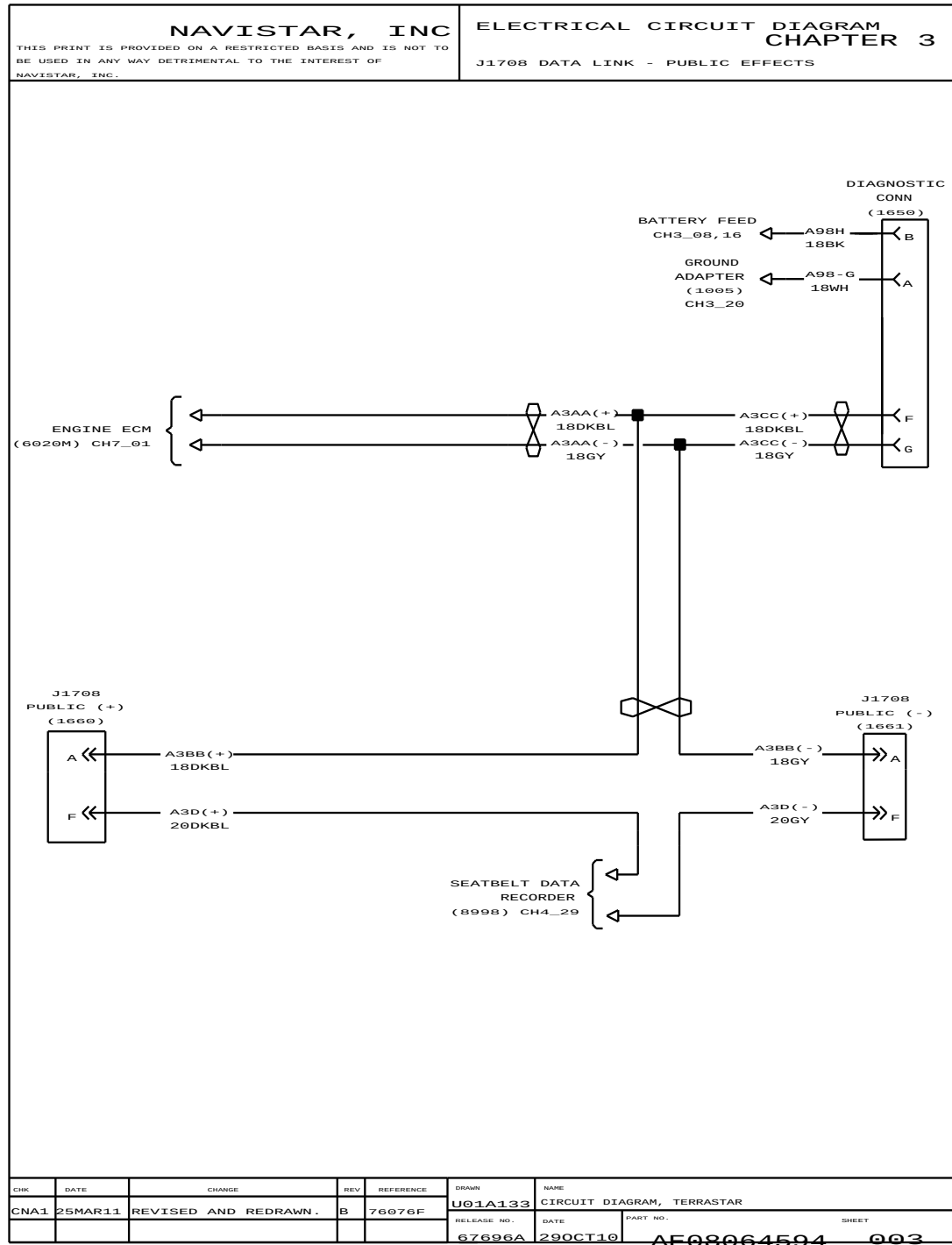


Figure 15 J708 Data Link – Public Effects

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 3.4. J1708 DATA LINK – PRIVATE WITH POWER WINDOW AND LOCK, P. 4

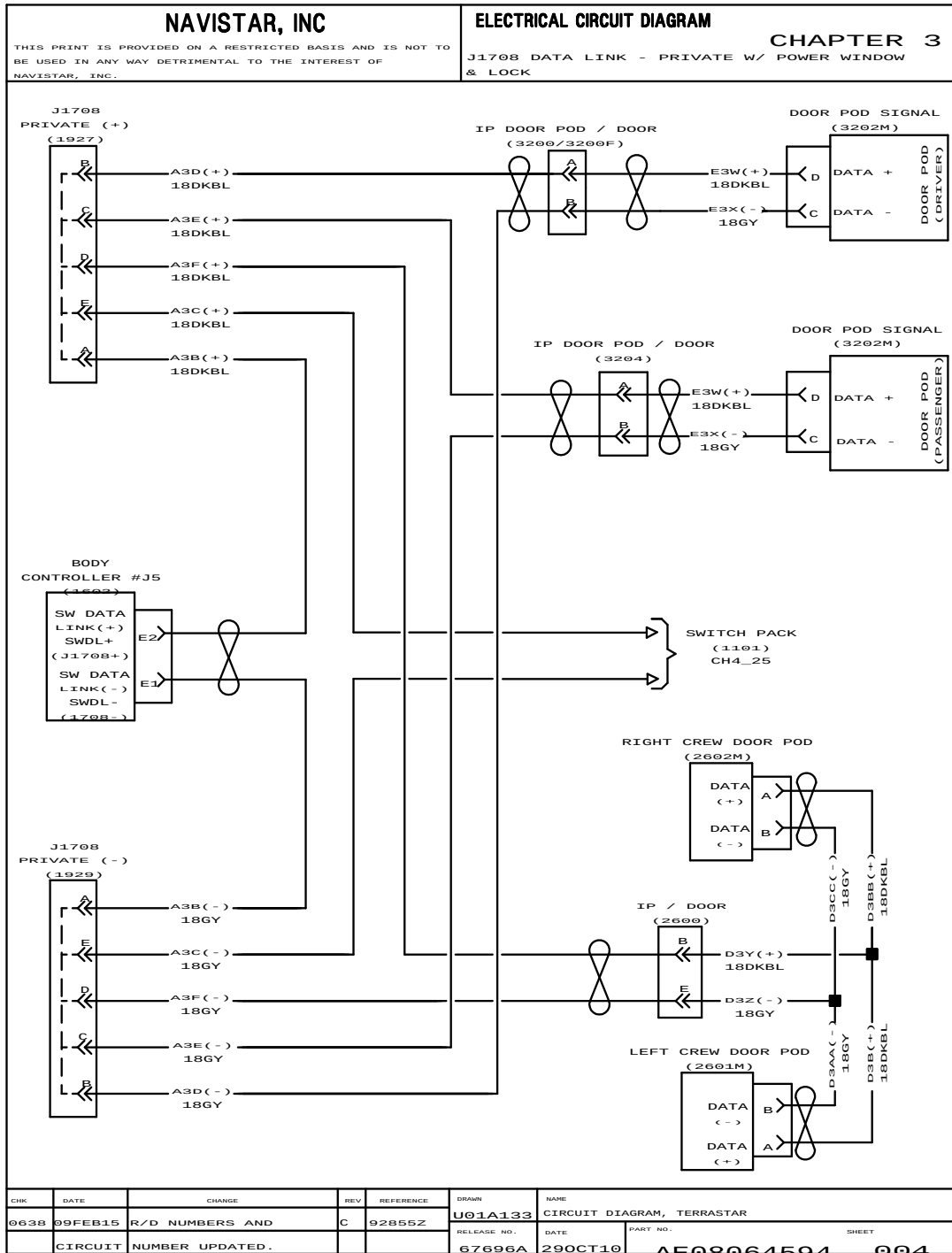


Figure 16 J1708 Data Link – Private with Power Window and Lock



## 3.5. J1939 DATA LINK, P. 5

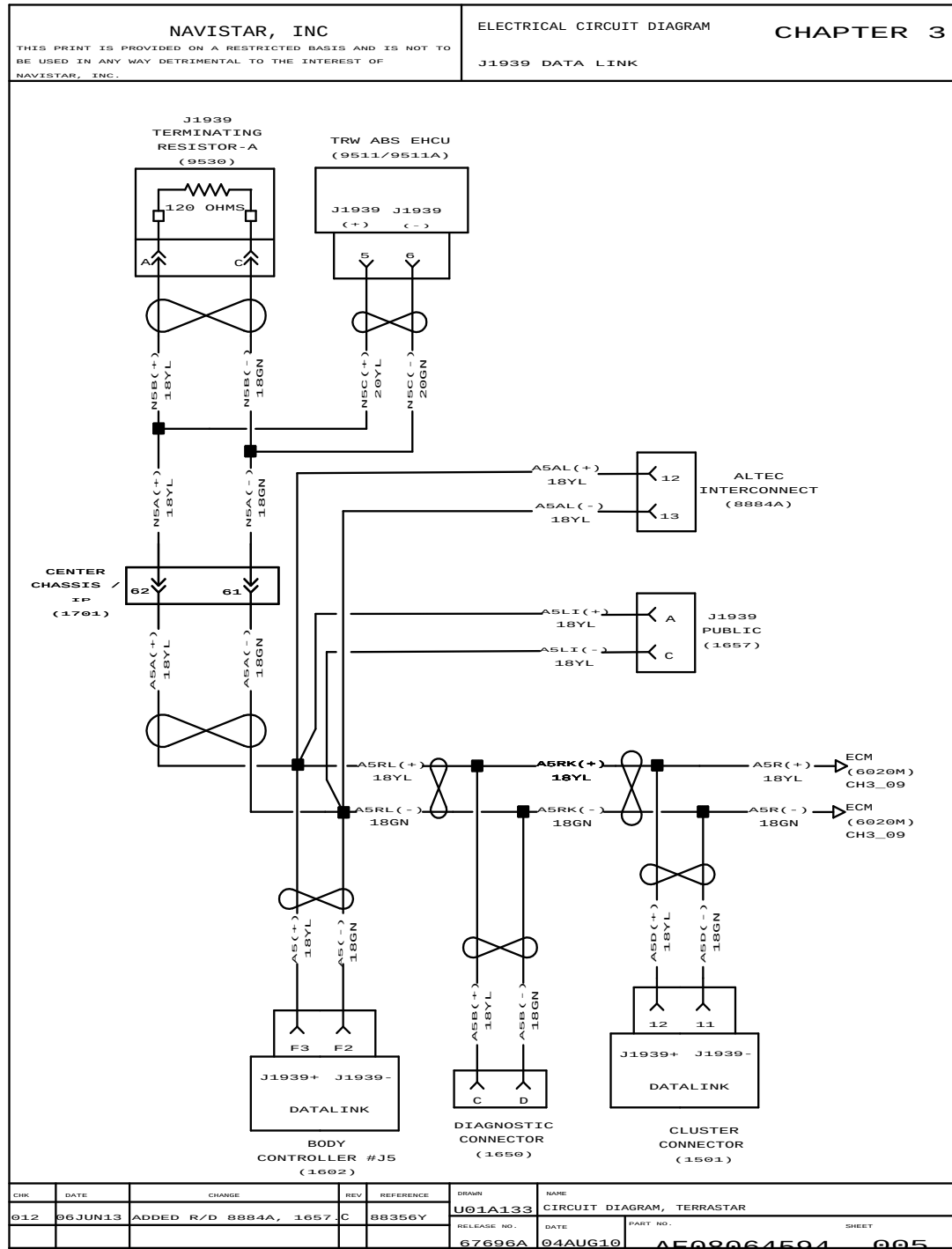
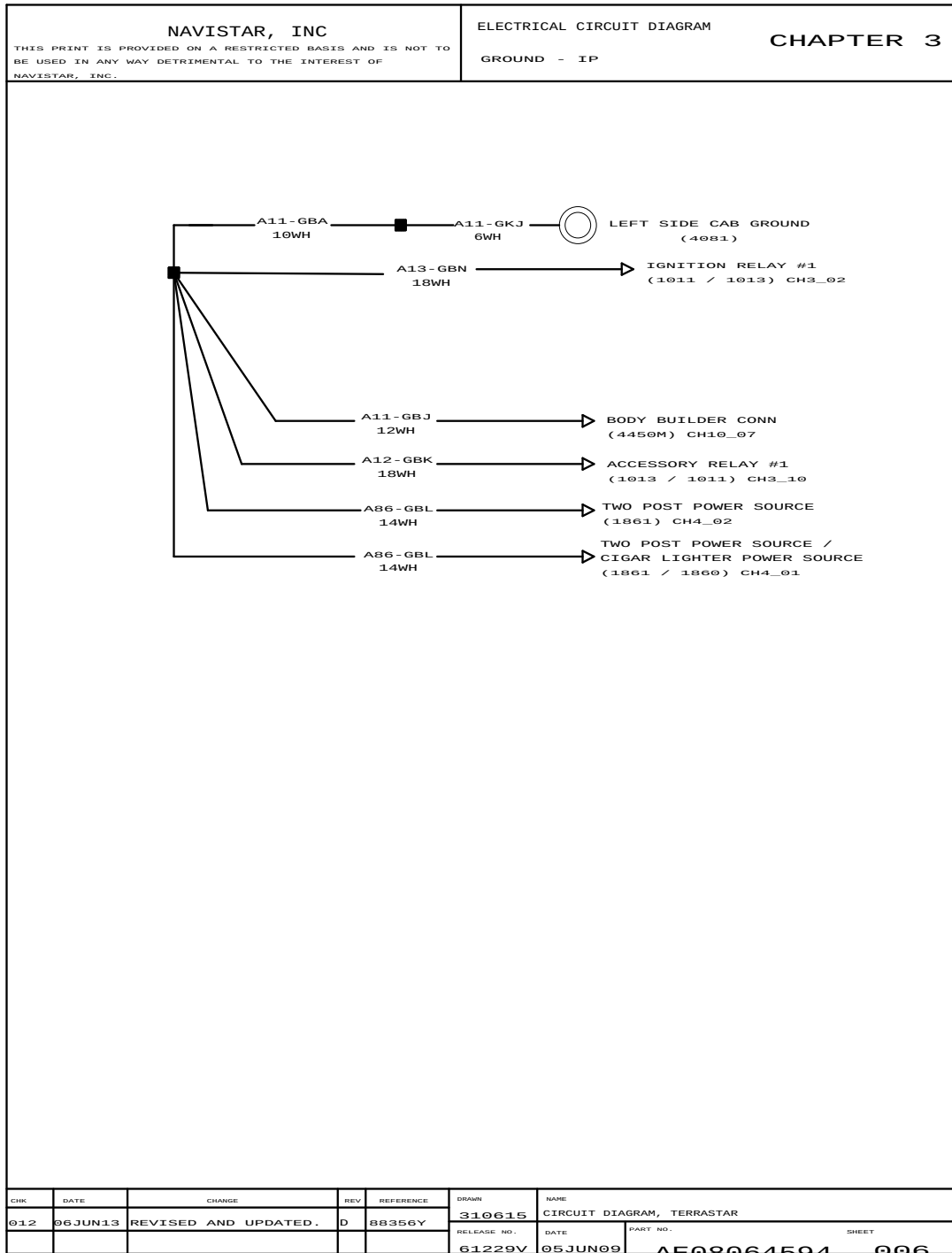


Figure 17 J1939 Data Link

**ELECTRICAL CIRCUIT DIAGRAM MANUAL****3.6. GROUND – IP, P. 6****Figure 18 Ground – IP**

## 3.7. ZERO VOLT REFERENCE, P. 7

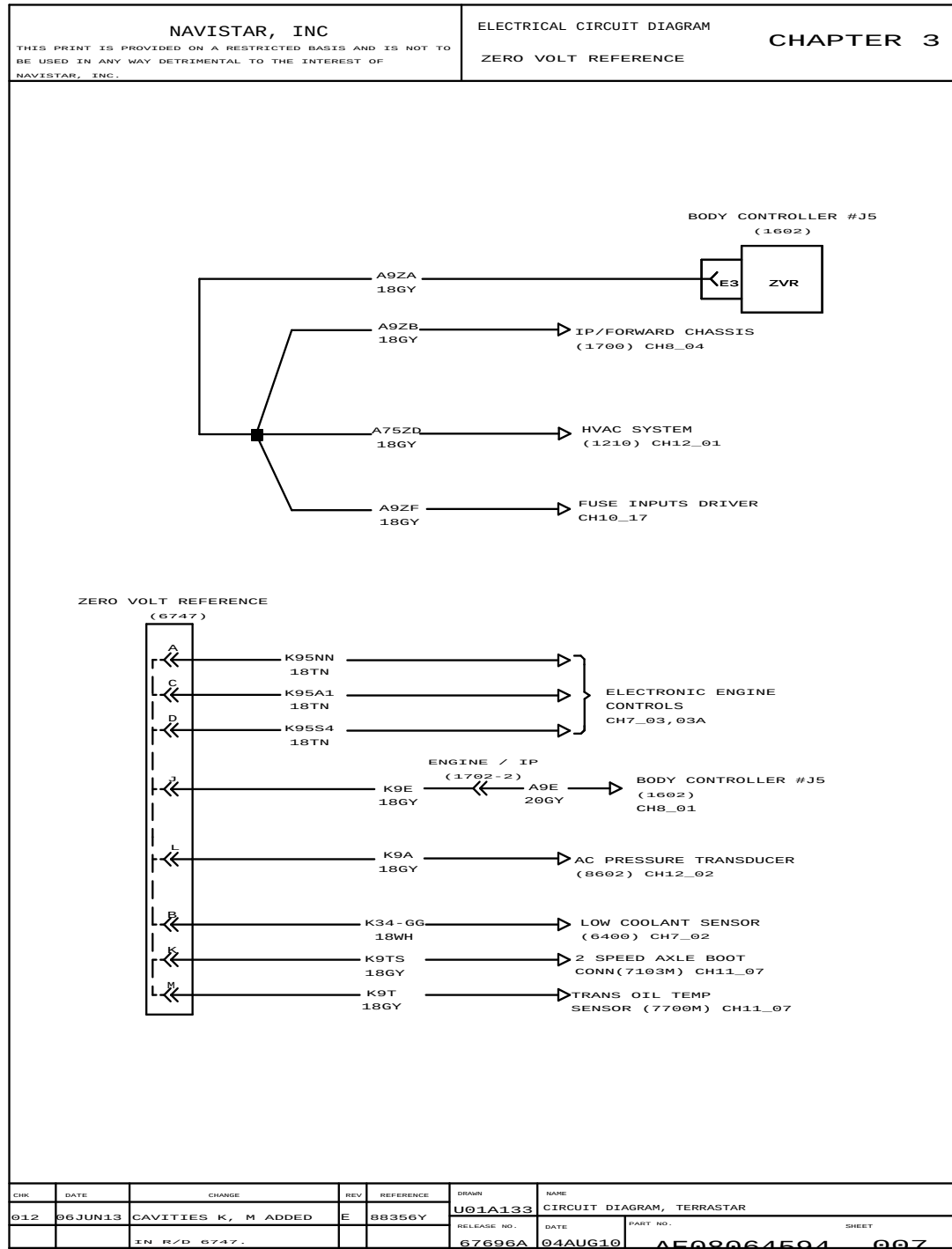


Figure 19 Zero Volt Reference

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 3.8. BATTERY FEED, SINGLE, P. 8

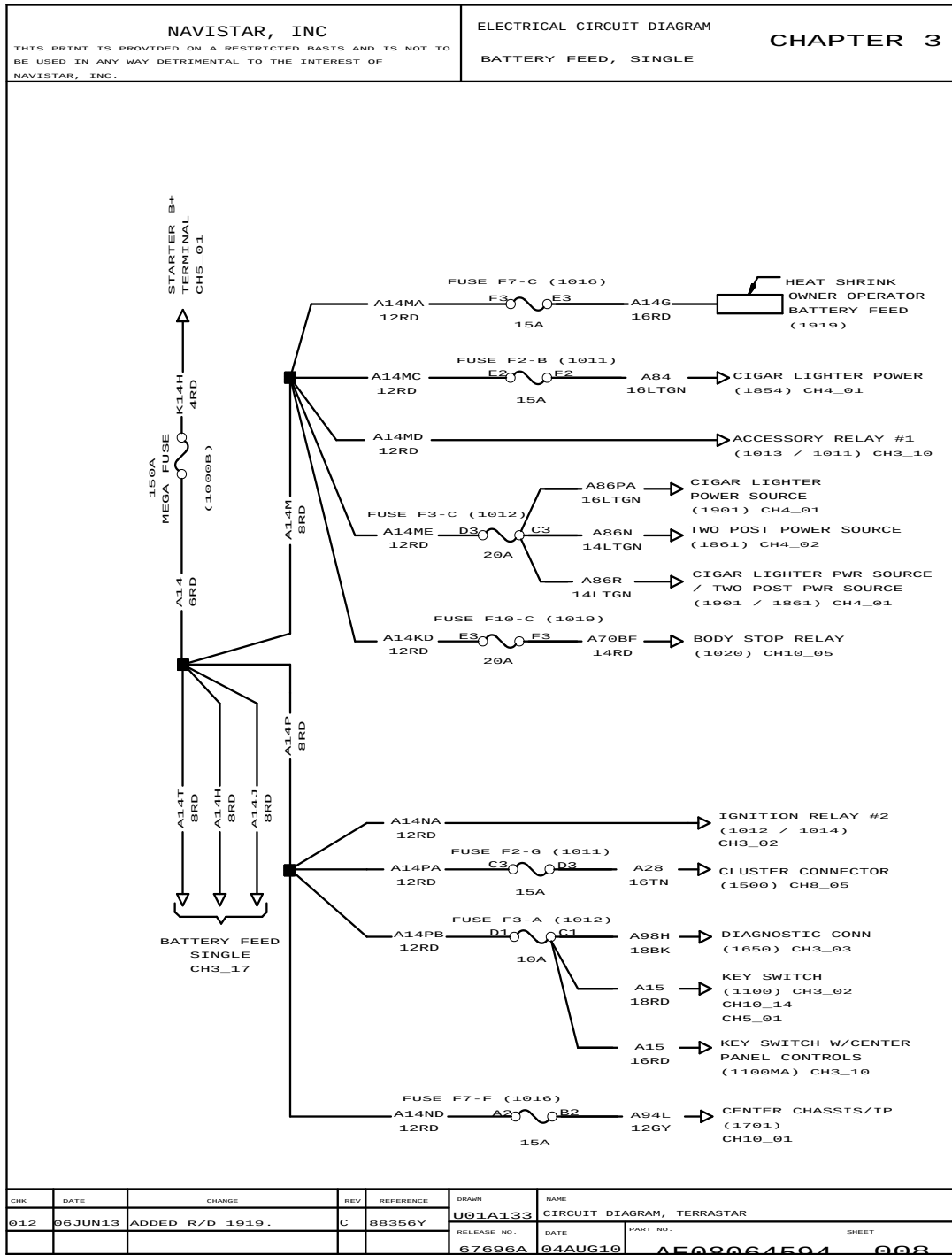


Figure 20 Battery Feed, Single

## 3.9. J1939 DATA LINK – V8 ENGINE, P. 9

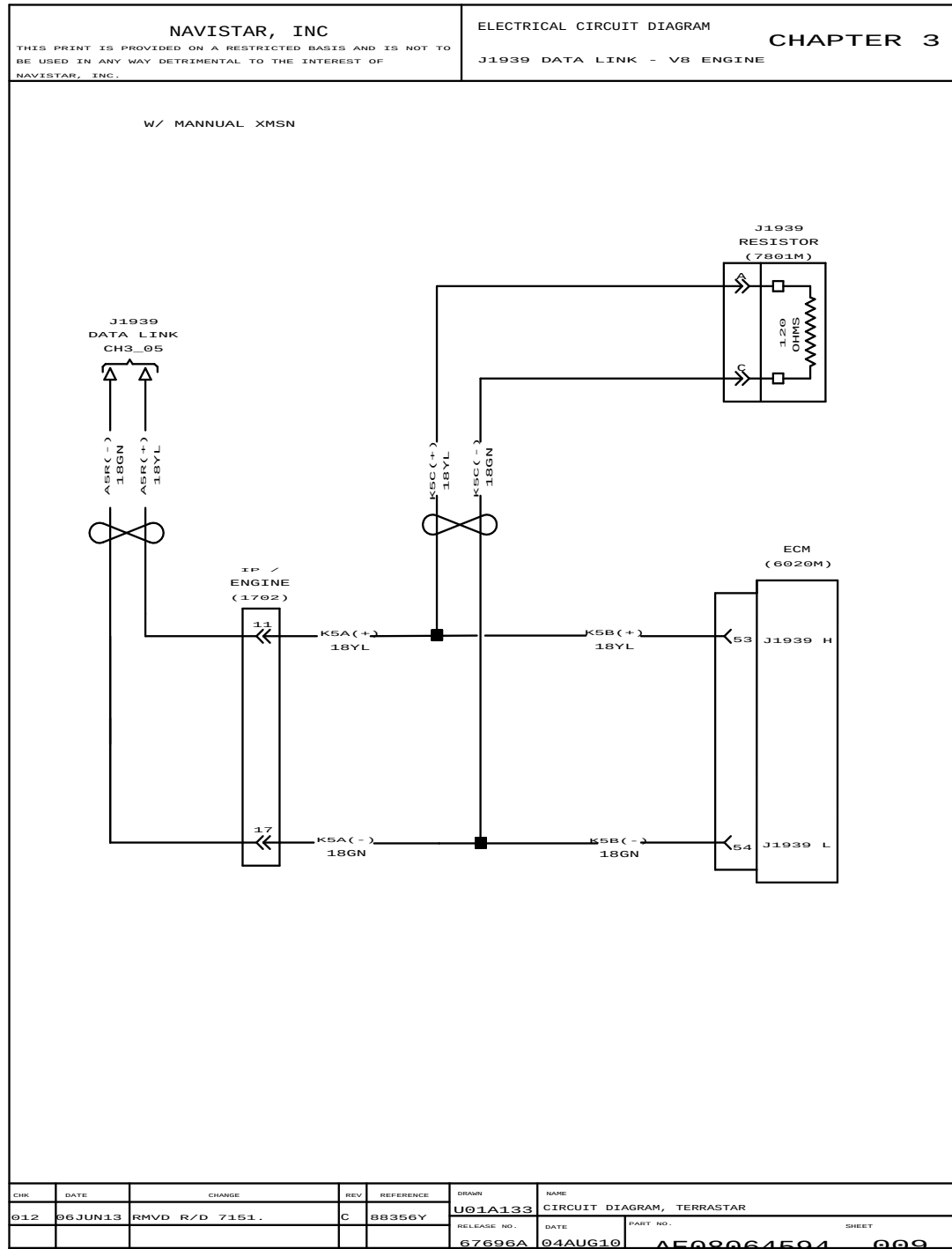


Figure 21 J1939 Data Link – V8 Engine

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 3.10. J1939 DATA LINK – V8 ENGINE WITH ALLISON WTEC, P. 9A

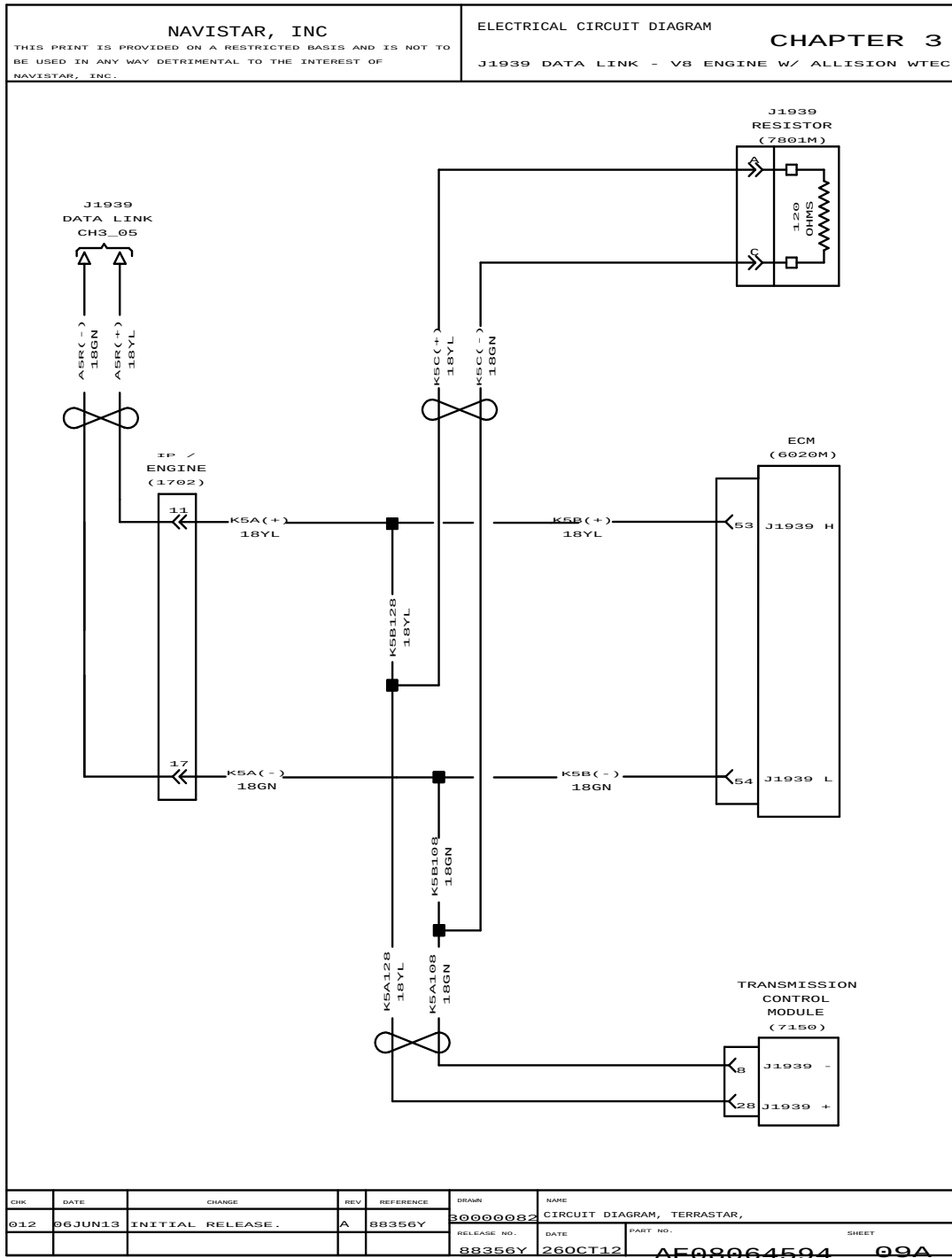


Figure 22 J1939 Data Link – V8 Engine with Allison WTEC

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 3

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J1939 DATA LINK - V8 ENGINE W/ ALLISON LCT  
W/ IN- CAB TCM

The diagram illustrates the J1939 Data Link circuit for a V8 engine with Allison LCT and in-cab TCM. The circuit includes the following components and connections:

- J1939 DATA LINK CH3\_05:** A multi-pin connector with terminals ASR(-) 18GN, ASR(+) 18YL, KSD(+) 18YL, and KSD(-) 18GN.
- TP / ENGINE (1702):** A control module with terminals 11 and 17. Terminal 11 is connected to K5A(+) 18YL, and terminal 17 is connected to K5A(-) 18GN.
- ECM (6020M):** The Engine Control Module with terminals 53 and 54. Terminal 53 is connected to K5B(+) 18YL, and terminal 54 is connected to K5B(-) 18GN.
- TRANS MODULE 3 (1503):** A transmission module with terminals 9 and 10. Terminal 9 is connected to K5A12B 18YL, and terminal 10 is connected to K5A10B 18GN.
- J1939 RESISTOR (7801M):** A resistor network with a 120 OHMS resistor connected between the KSD(+) 18YL and KSD(-) 18GN lines.

The circuit shows the following wiring paths:

- ASR(-) 18GN:** Connected to terminal 11 of TP / ENGINE.
- ASR(+) 18YL:** Connected to terminal 17 of TP / ENGINE.
- K5A(+) 18YL:** Connected to terminal 11 of TP / ENGINE and terminal 53 of ECM.
- K5A(-) 18GN:** Connected to terminal 17 of TP / ENGINE and terminal 54 of ECM.
- K5B(+) 18YL:** Connected to terminal 53 of ECM.
- K5B(-) 18GN:** Connected to terminal 54 of ECM.
- K5A12B 18YL:** Connected to terminal 9 of TRANS MODULE 3.
- K5A10B 18GN:** Connected to terminal 10 of TRANS MODULE 3.
- KSD(+) 18YL:** Connected to the J1939 DATA LINK CH3\_05 and the J1939 RESISTOR.
- KSD(-) 18GN:** Connected to the J1939 DATA LINK CH3\_05 and the J1939 RESISTOR.

| CHK | DATE    | CHANGE           | REV | REFERENCE | DRAWN       | NAME                        | PART NO.   | SHEET |
|-----|---------|------------------|-----|-----------|-------------|-----------------------------|------------|-------|
| 612 | 96JUN13 | INITIAL RELEASE. | A   | 88356Y    | 30000082    | CIRCUIT DIAGRAM, TERRASTAR, |            |       |
|     |         |                  |     |           | RELEASE NO. | DATE                        |            |       |
|     |         |                  |     |           | 88356Y      | 26OCT12                     | A508064504 | 09B   |

**Figure 23 J1939 Data Link – V8 Engine with Allison LCT with In-Cab TCM**

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 3.12. ACCESSORY FEED, P. 10

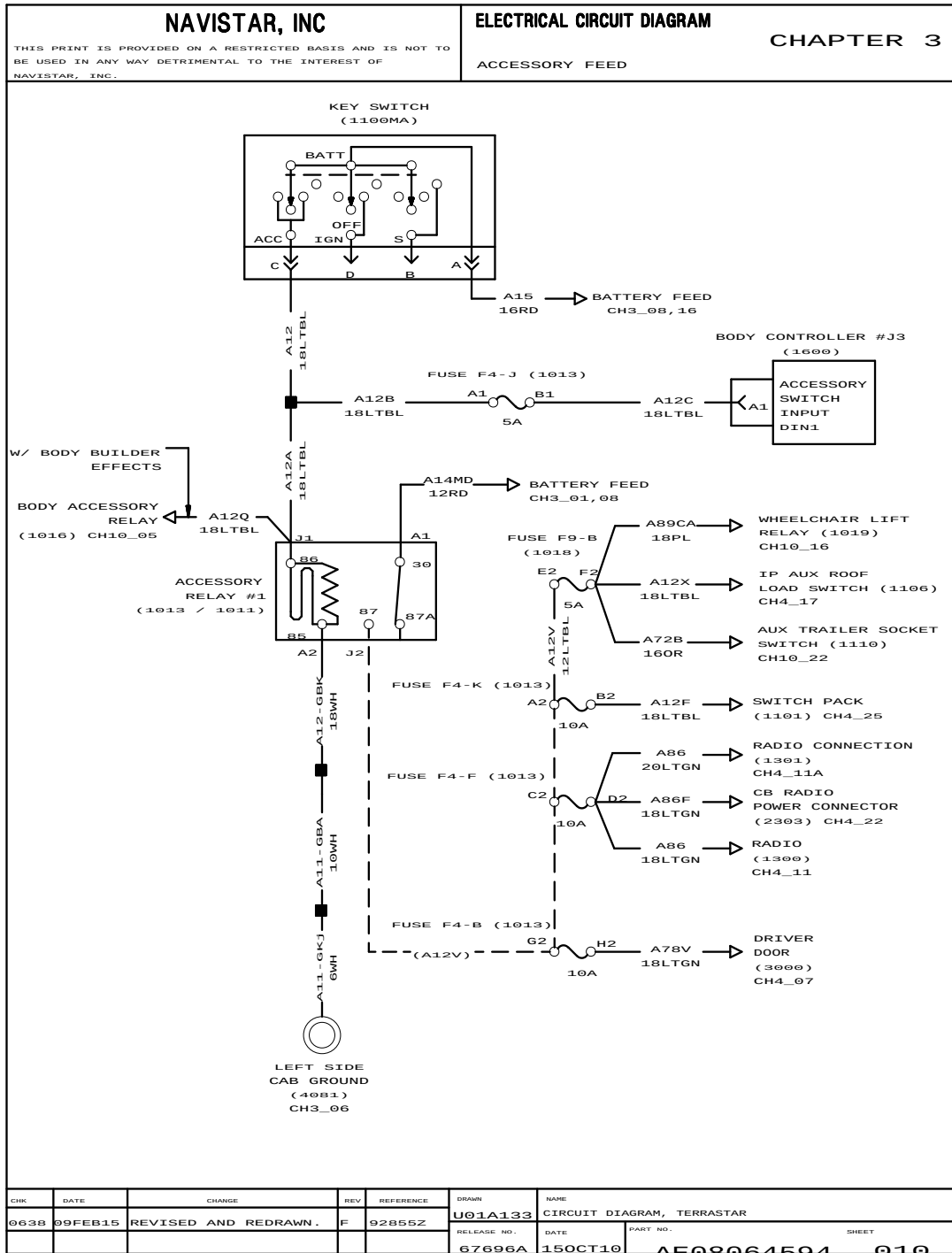


Figure 24 Accessory Feed



## 3.13. J1939 DATA LINK – WITH OPTIONS, P. 11

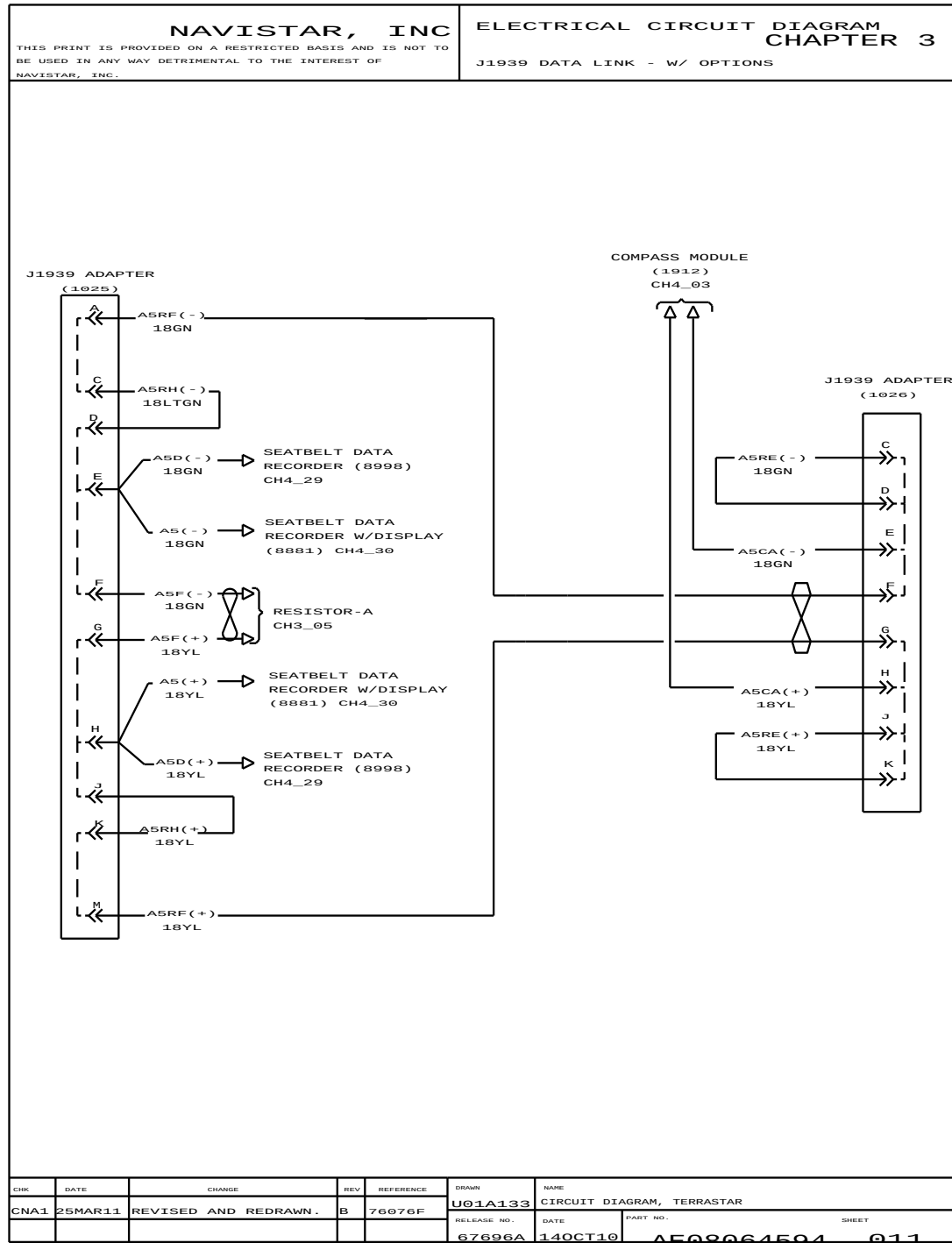


Figure 25 J1939 Data Link – with Options

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 3.14. IGNITION FEED – RELAY 1, P. 12

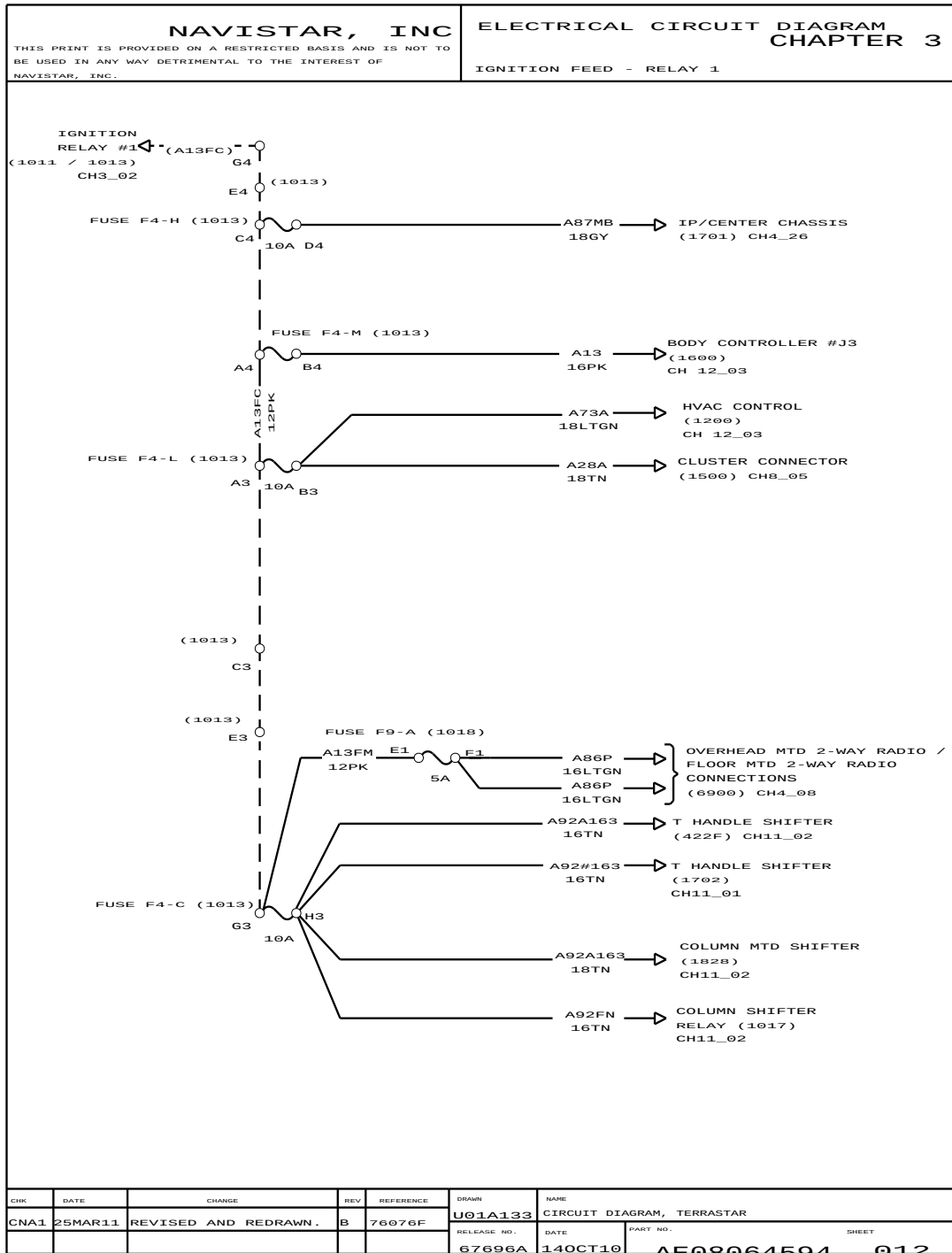


Figure 26 Ignition Feed – Relay 1

## 3.15. INTENTIONALLY LEFT BLANK, P. 13

| NAVISTAR, INC                                                                                                               |         |                   |     |           | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 3 |                            |                |
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| <h1>INTENTIONALLY<br/>LEFT BLANK</h1>                                                                                       |         |                   |     |           |                                      |                            |                |
| CHK                                                                                                                         | DATE    | CHANGE            | REV | REFERENCE | DRAWN                                | NAME                       |                |
| CNA1                                                                                                                        | 25MAR11 | REMOVED GEOMETRY. | B   | 76076F    | U01A133                              | CIRCUIT DIAGRAM, TERRASTAR |                |
|                                                                                                                             |         |                   |     |           | RELEASE NO.                          | DATE                       | PART NO.       |
|                                                                                                                             |         |                   |     |           | 67696A                               | 15OCT10                    | AE08064594 013 |

Figure 27 Intentionally Left Blank

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 3.16. IGNITION FEED – RELAY 3, P. 14

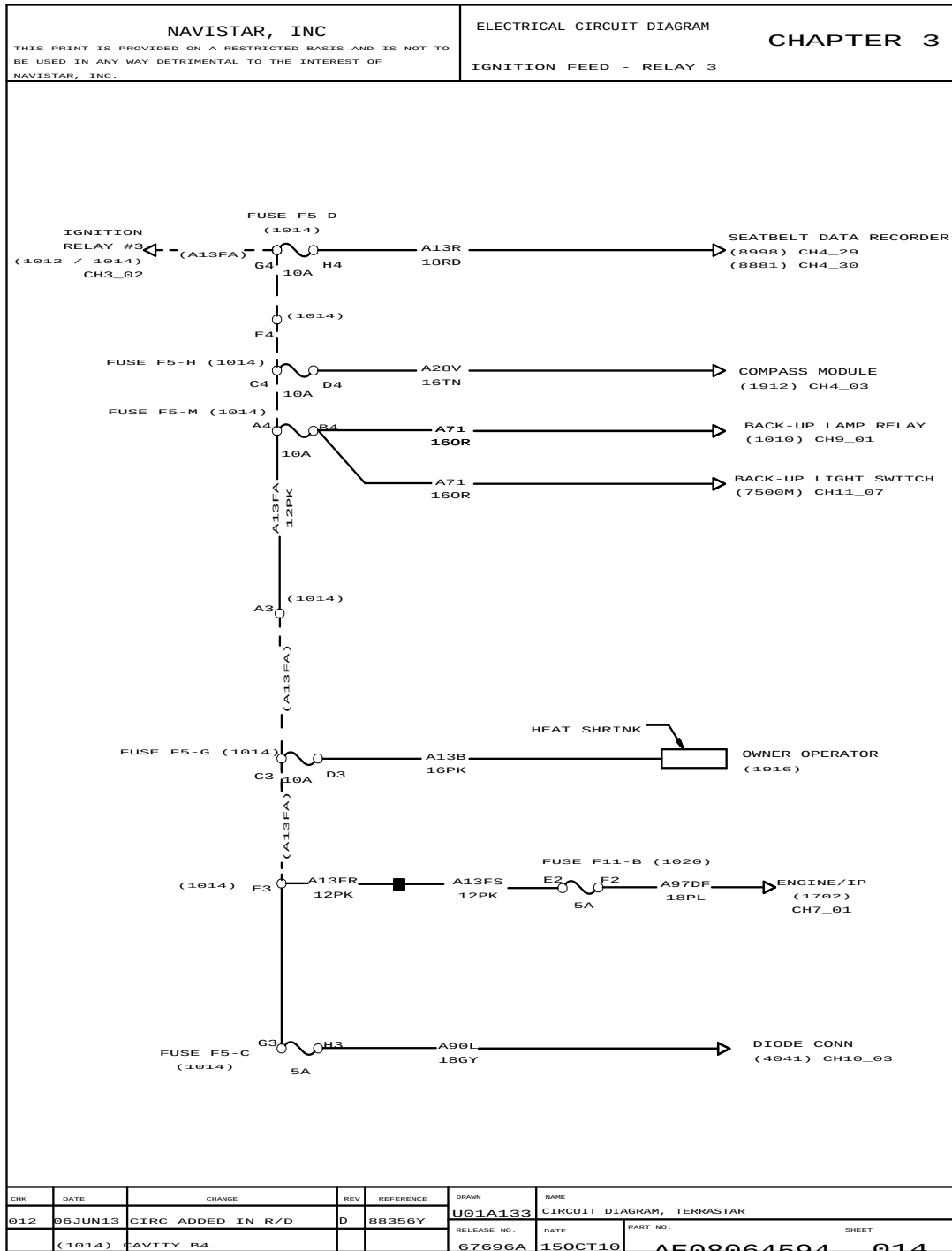


Figure 28 Ignition Feed – Relay 3

## 3.17. BATTERY FEED, DUAL, P. 15

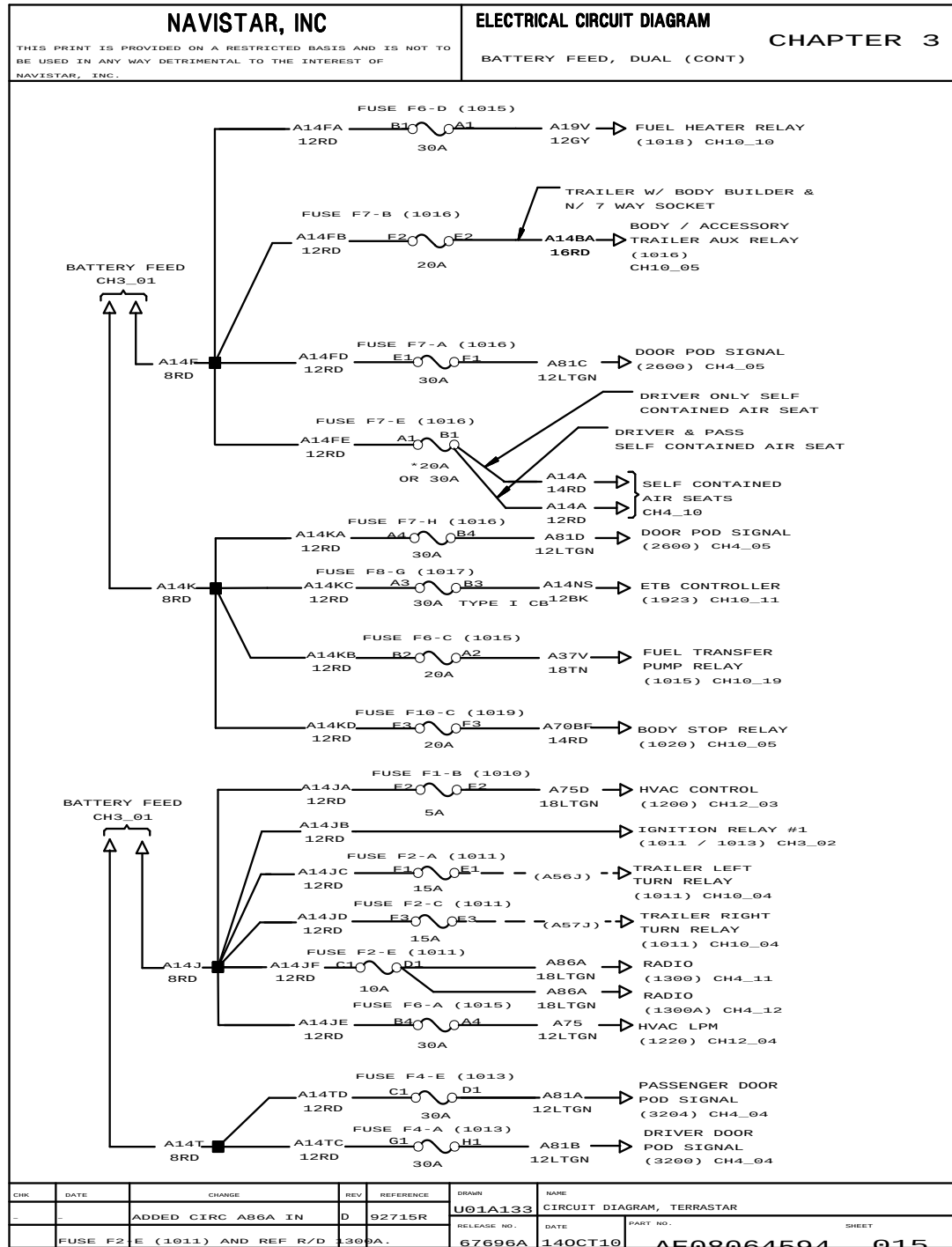


Figure 29 Battery Feed, Dual

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 3.18. BATTERY FEED, DUAL (CONT.), P. 16

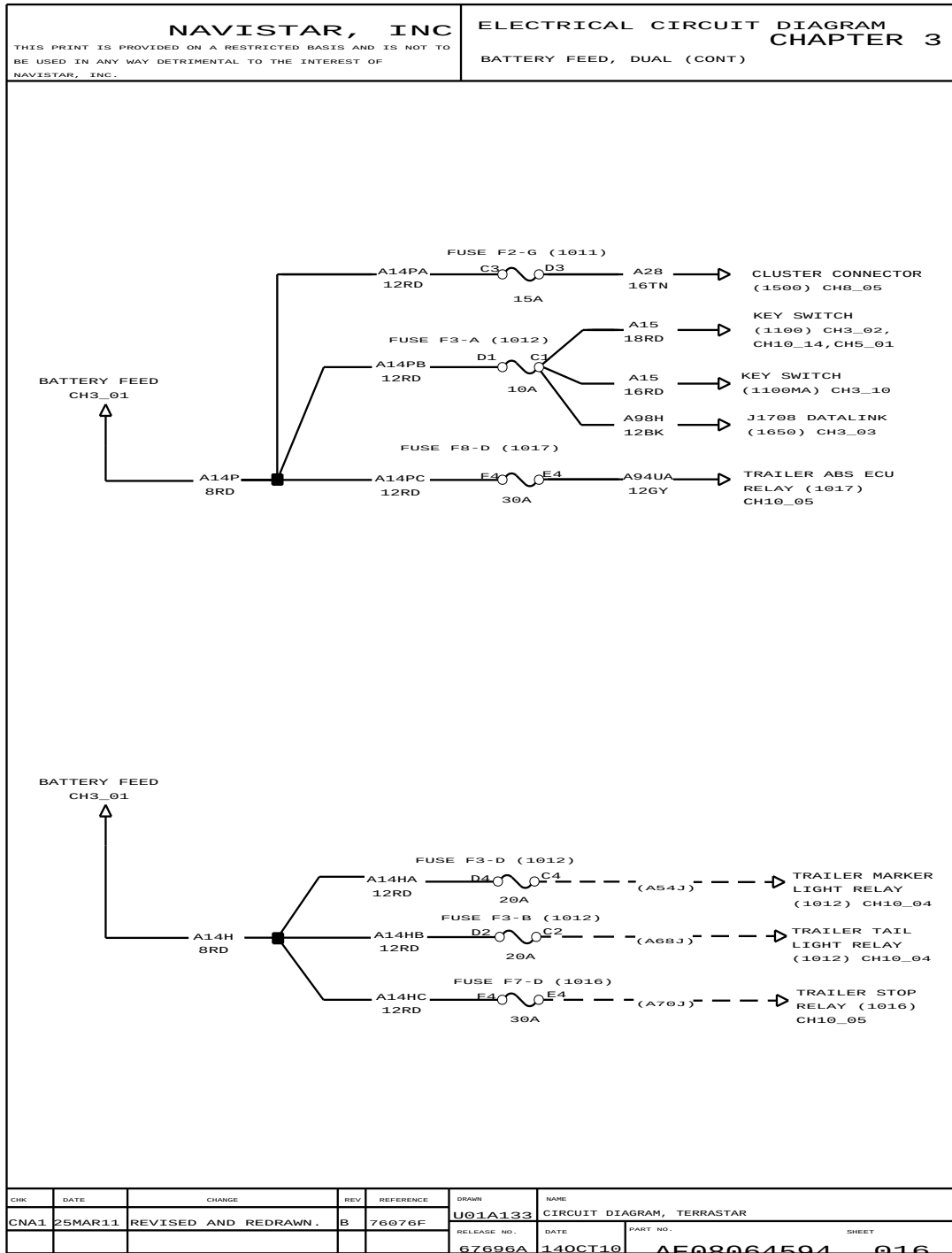


Figure 30 Battery Feed, Dual (Cont.)

## 3.19. BATTERY FEED, SINGLE, P. 17

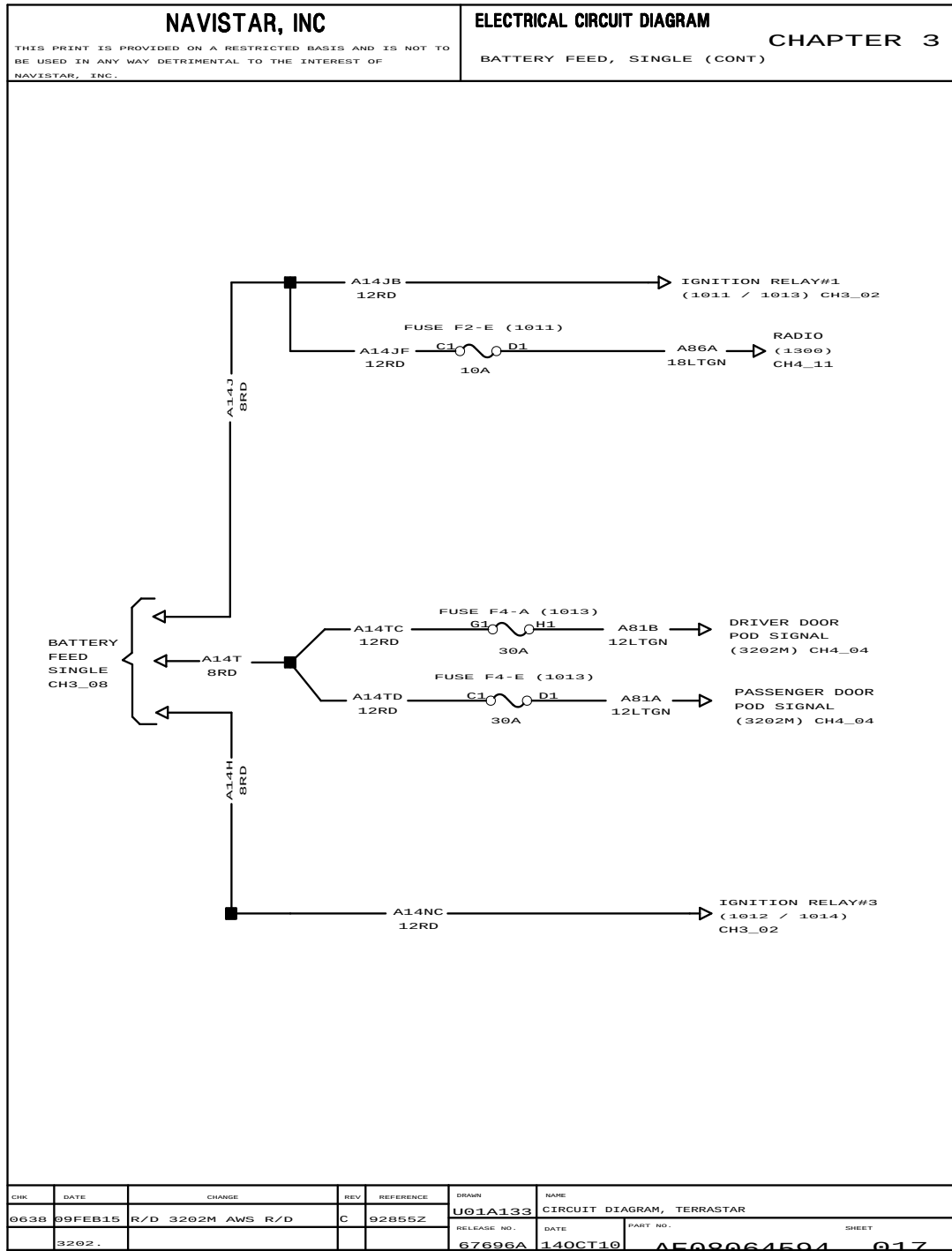


Figure 31 Battery Feed, Single

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 3.20. INTENTIONALLY LEFT BLANK, P. 18

|                                                                                                                                                                    |         |                   |     |                                                                                |             |                            |                |
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| INTENTIONALLY<br>LEFT BLANK                                                                                                                                        |         |                   |     |                                                                                |             |                            |                |
| CHK                                                                                                                                                                | DATE    | CHANGE            | REV | REFERENCE                                                                      | DRAWN       | NAME                       |                |
| CNA1                                                                                                                                                               | 25MAR11 | REMOVED GEOMETRY. | B   | 76076F                                                                         | U01A133     | CIRCUIT DIAGRAM, TERRASTAR |                |
|                                                                                                                                                                    |         |                   |     |                                                                                | RELEASE NO. | DATE                       | PART NO.       |
|                                                                                                                                                                    |         |                   |     |                                                                                | 67696A      | 01NOV10                    | AE08064594 018 |

Figure 32 Intentionally Left Blank



## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 3.21. GROUND – SEAT AND SEAT BELT SENSOR, P. 19

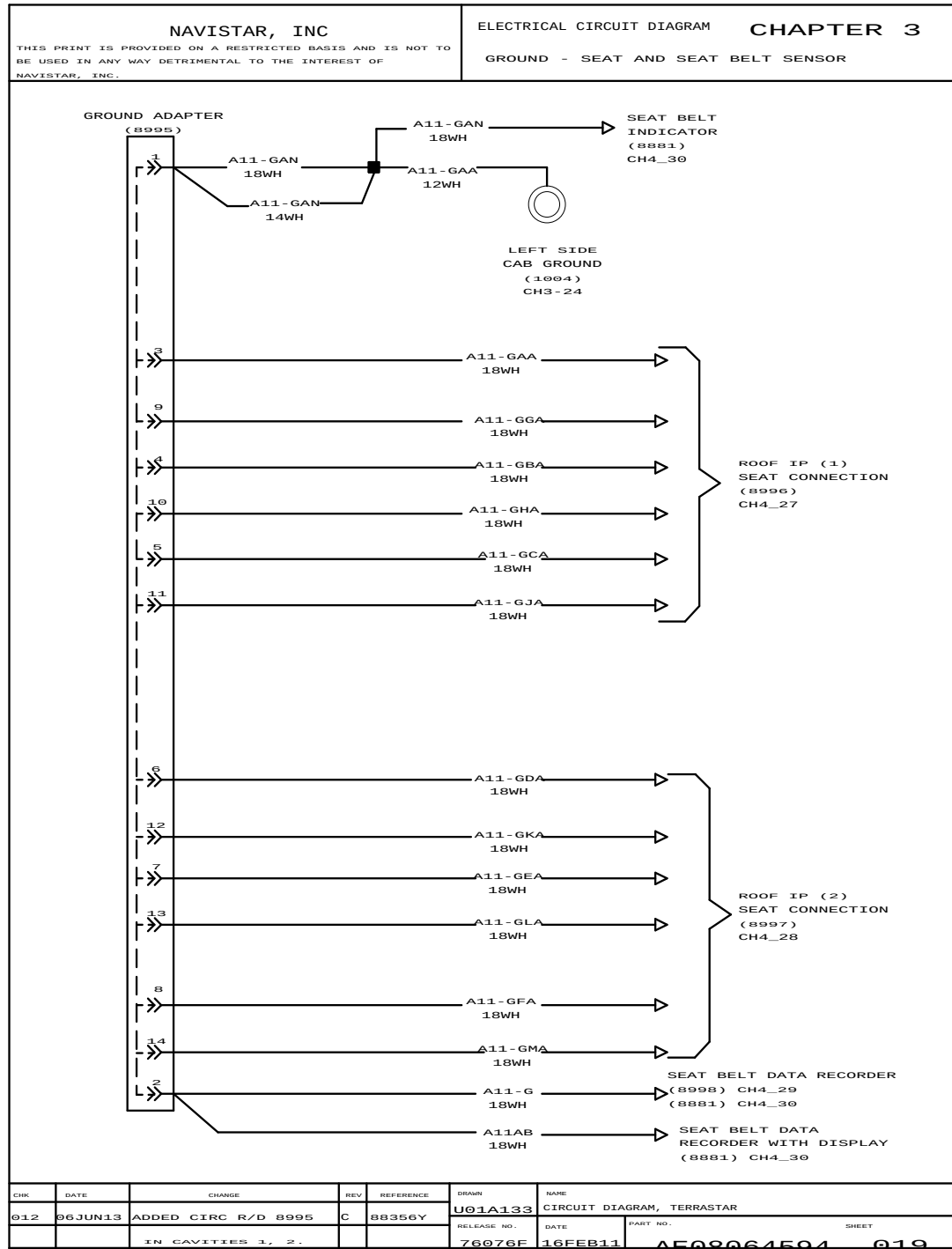


Figure 33 Ground – Seat and Seat Belt Sensor

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 3.22. GROUND – IP, P. 20

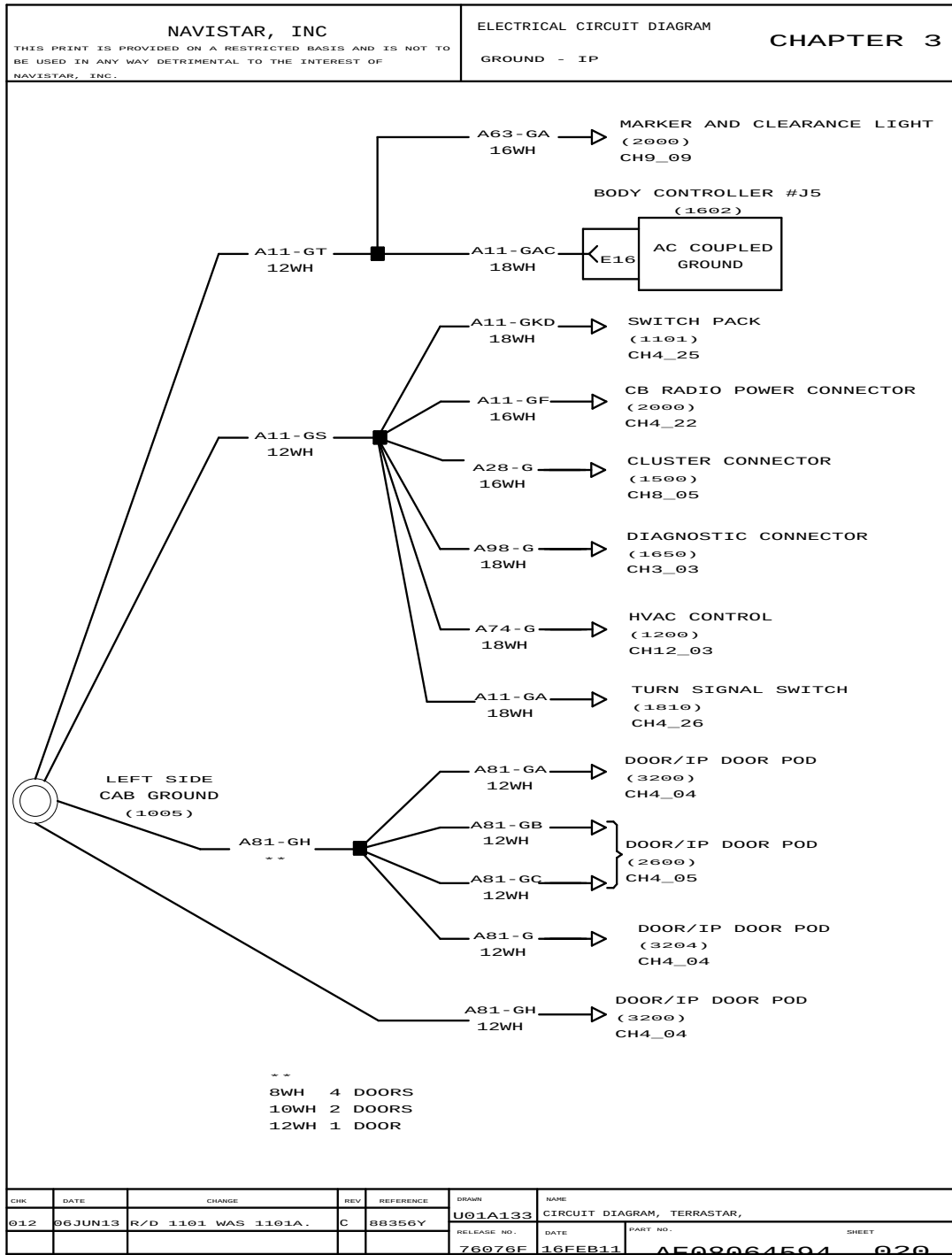


Figure 34 Ground – IP

## 3.23. GROUND – IP (CONT.), P. 21

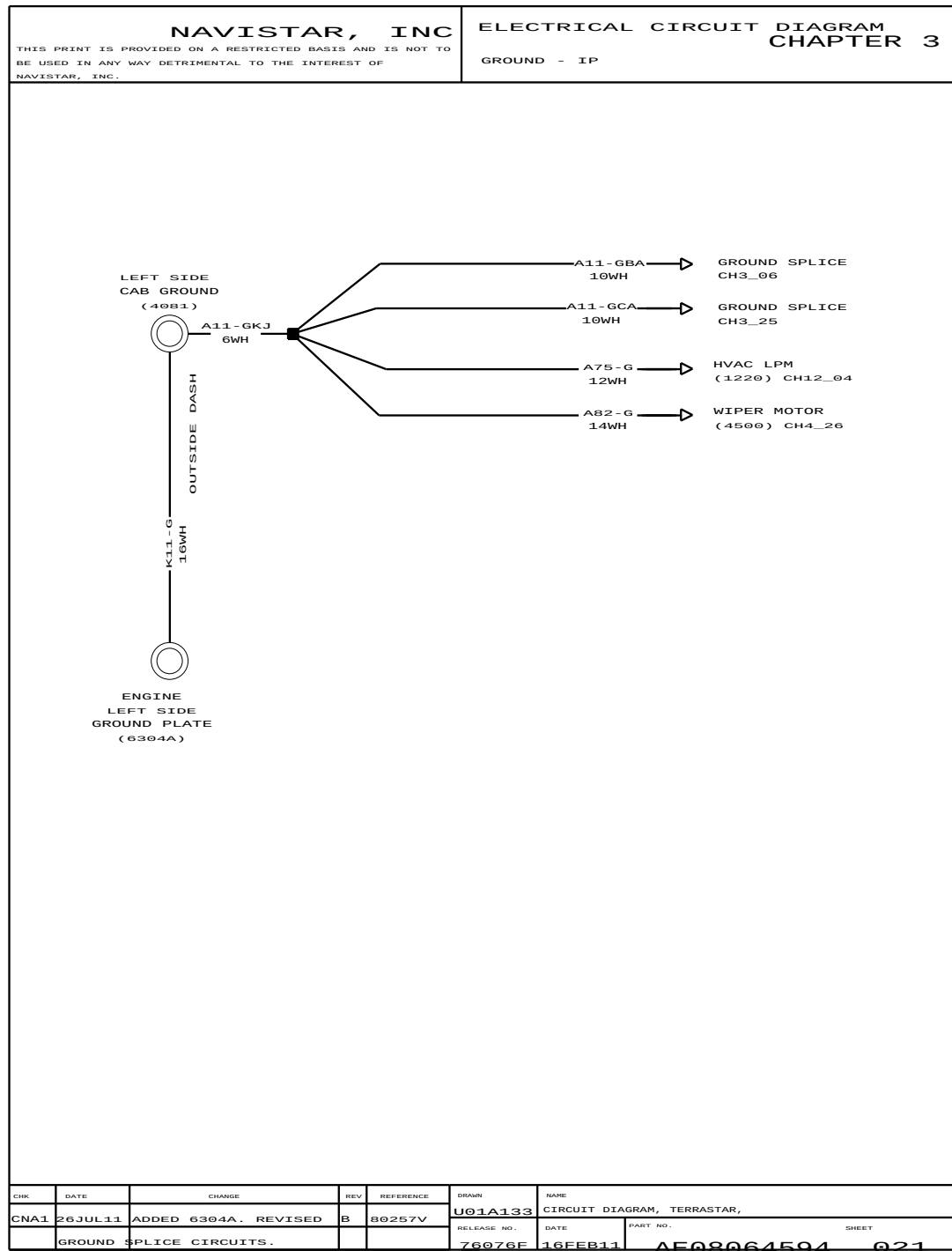


Figure 35 Ground – IP (Cont.)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 3.24. GROUND – IP (CONT.), P. 22

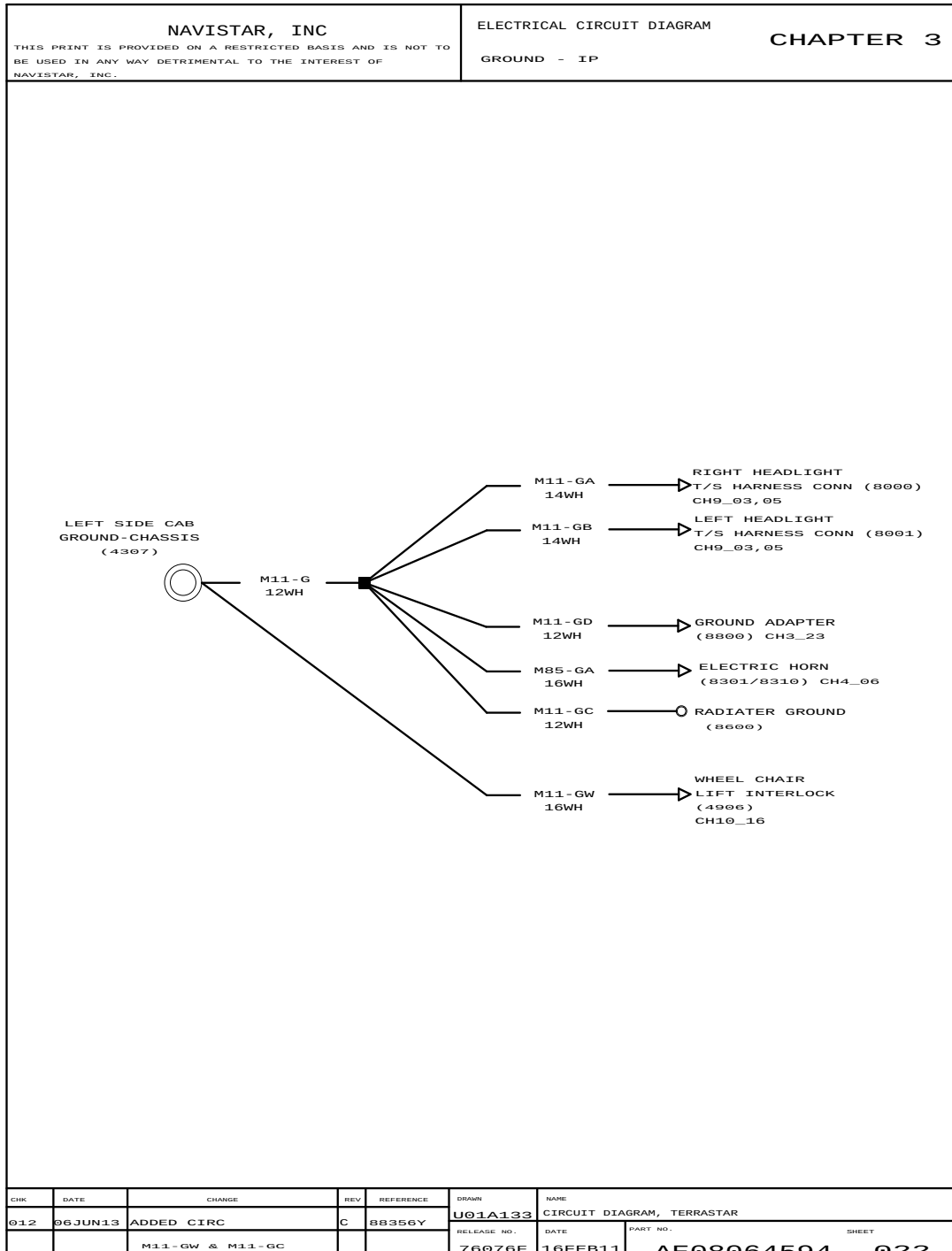


Figure 36 Ground – IP (Cont.)

## 3.25. GROUND – CHASSIS, P. 23

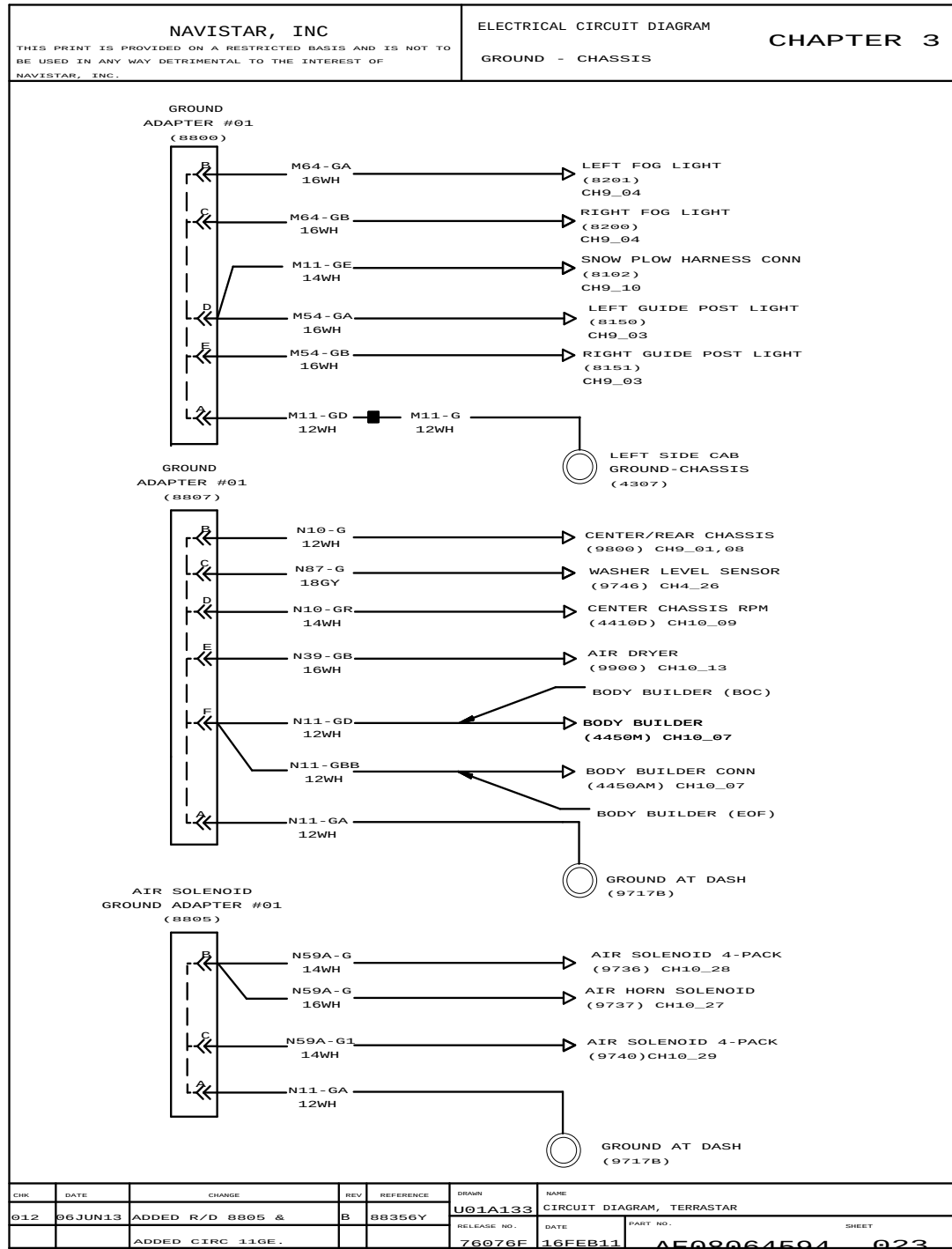


Figure 37 Ground – Chassis

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 3.26. GROUND – IP, P. 24

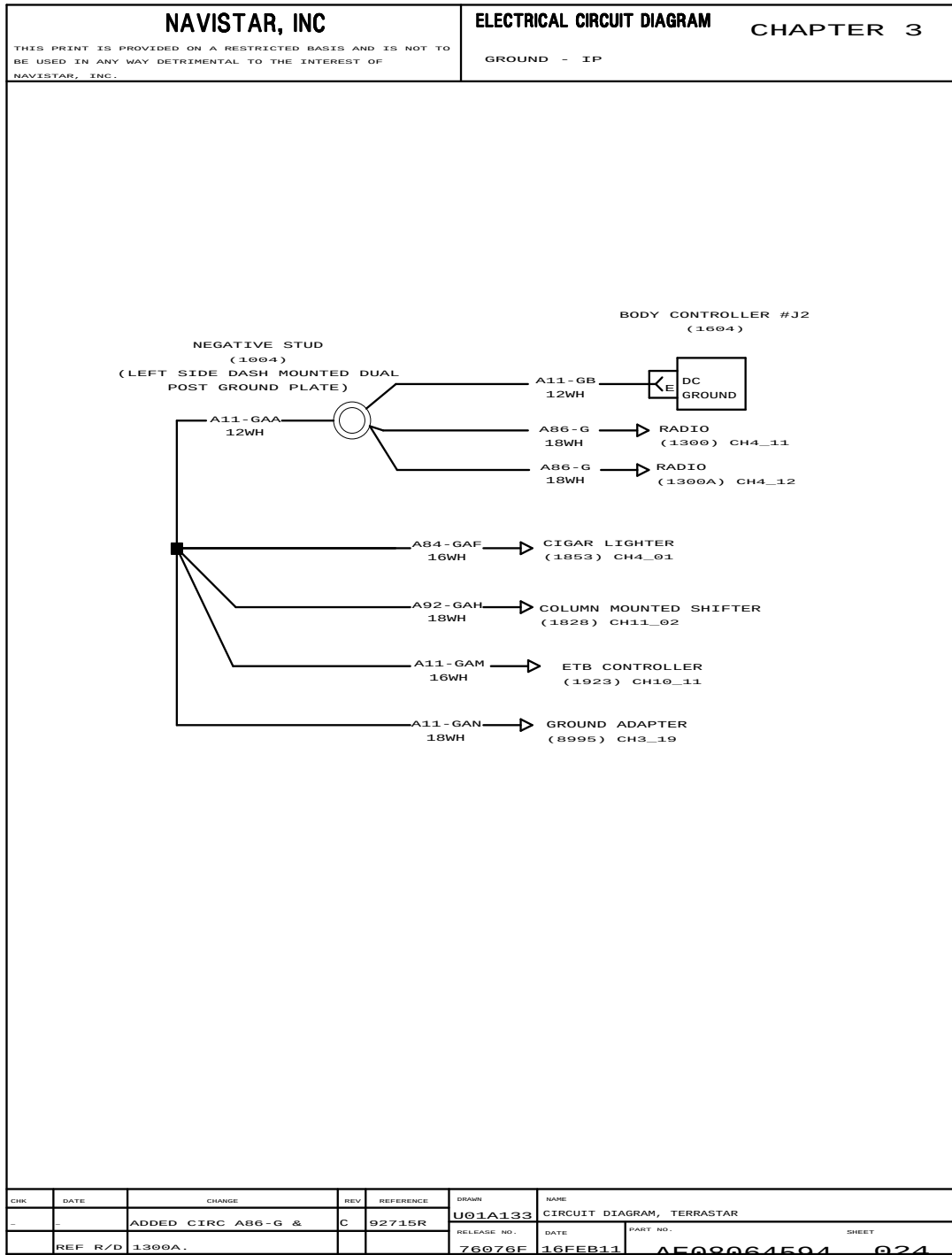


Figure 38 Ground – IP (Cont.)

## 3.27. GROUND – IP (CONT.), P. 25

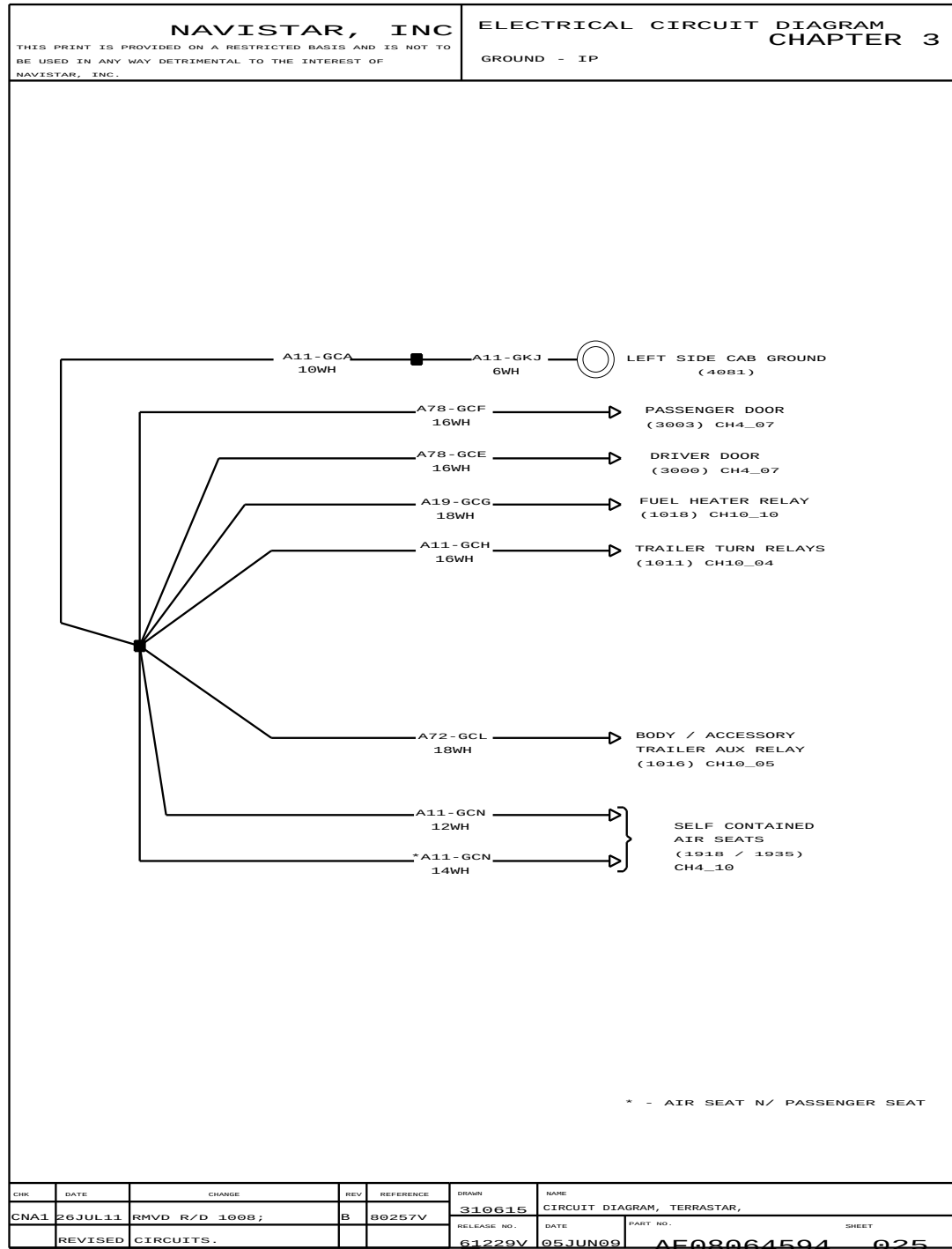
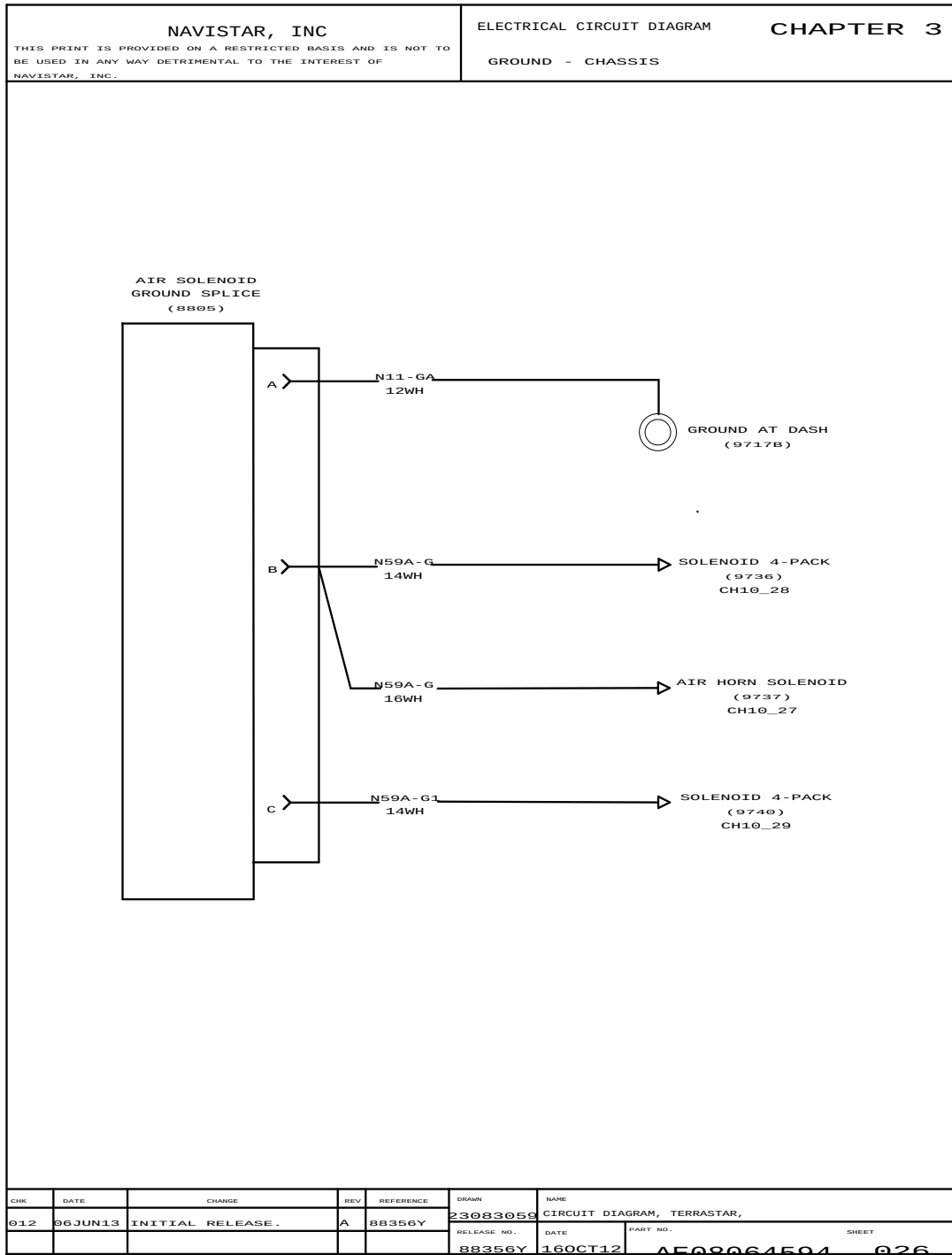


Figure 39 Ground – IP (Cont.)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 3.28. GROUND – CHASSIS, P. 26



**Figure 40 Ground – Chassis**



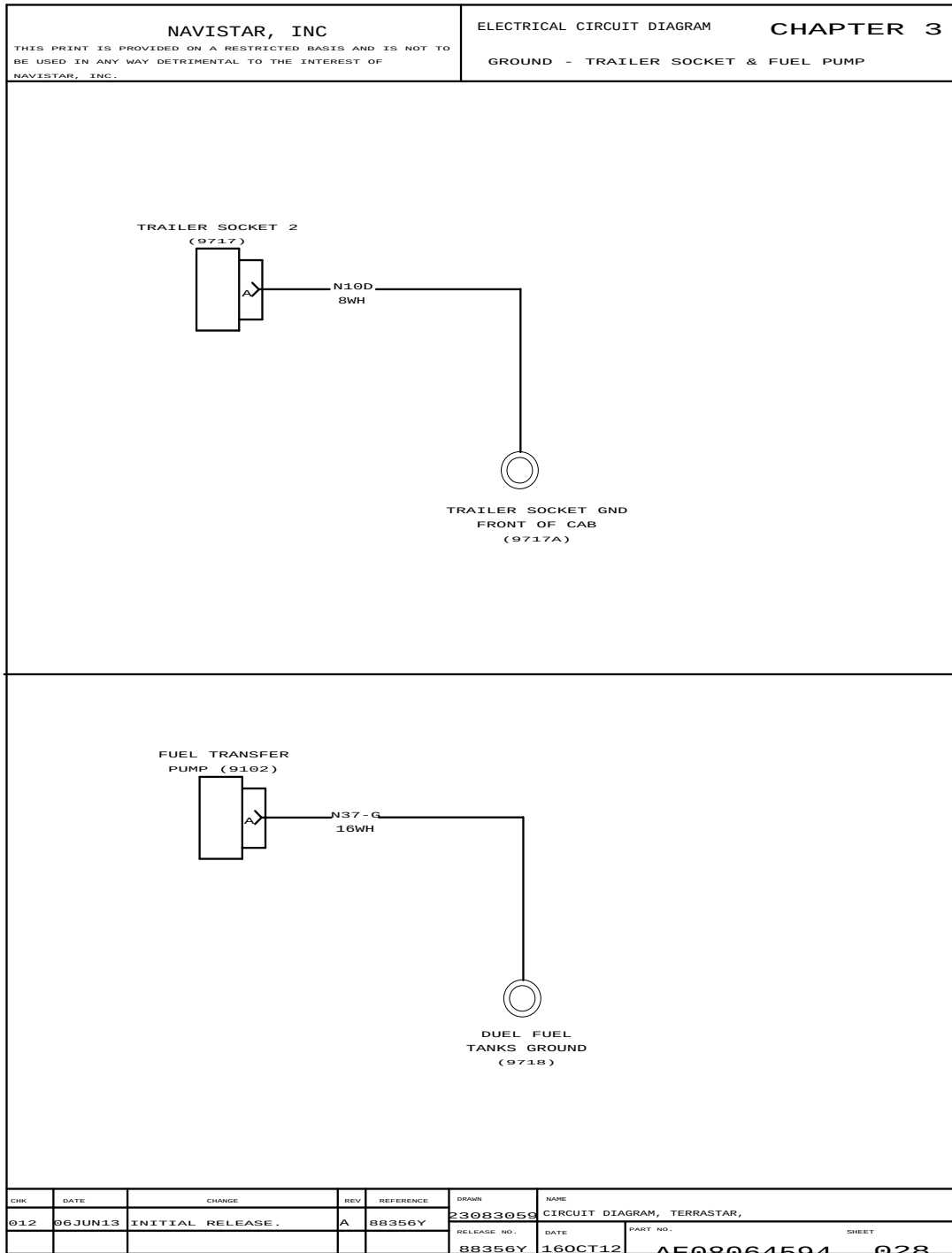
### 3.29. INTENTIONALLY LEFT BLANK, P. 27

|                                                                                                                                                                    |         |                  |     |           |                                                                         |                             |            |       |  |
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| INTENTIONALLY<br>LEFT BLANK                                                                                                                                        |         |                  |     |           |                                                                         |                             |            |       |  |
| CHK                                                                                                                                                                | DATE    | CHANGE           | REV | REFERENCE | DRAWN                                                                   | NAME                        |            |       |  |
| 0610                                                                                                                                                               | 07AUG13 | INITIAL RELEASE. | A   | 92246F    | MJV0688                                                                 | CIRCUIT DIAGRAM, TERRASTAR, |            |       |  |
|                                                                                                                                                                    |         |                  |     |           | RELEASE NO.                                                             | DATE                        | PART NO.   | SHEET |  |
|                                                                                                                                                                    |         |                  |     |           | 92246F                                                                  | 29JUL13                     | AE08064594 | 027   |  |

**Figure 41 Intentionally Left Blank**

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 3.30. GROUND – TRAILER SOCKET AND FUEL PUMP, P. 28



**Figure 42 Ground – Trailer Socket and Fuel Pump**

## CAB ACCESSORIES (CHAPTER 4)

## 4.1. CIGAR LIGHTER AND POWER FEED, P. 1

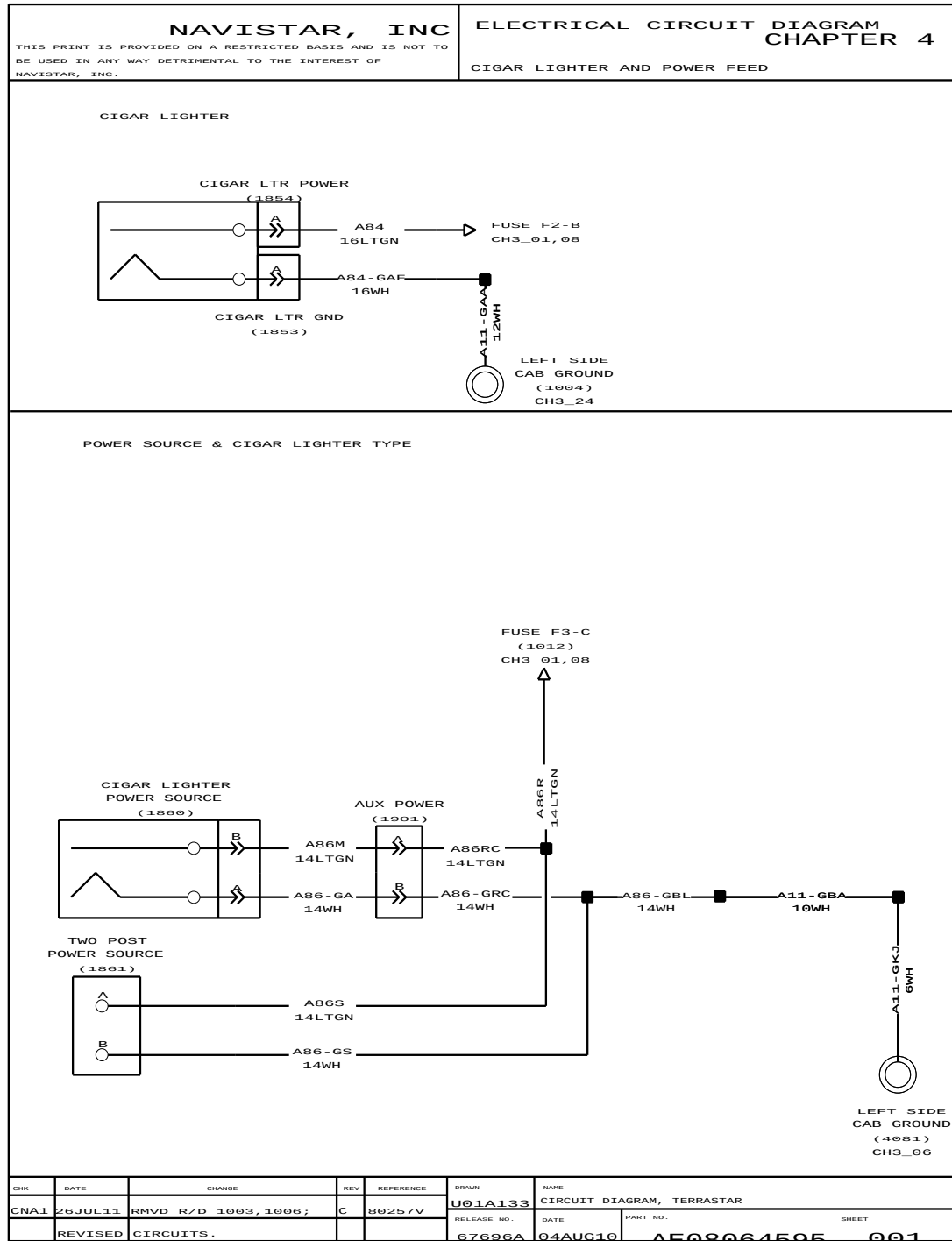


Figure 43 Cigar Lighter and Power Feed

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 4.2. CIGAR LIGHTER AND POWER FEED (CONT.), P. 2

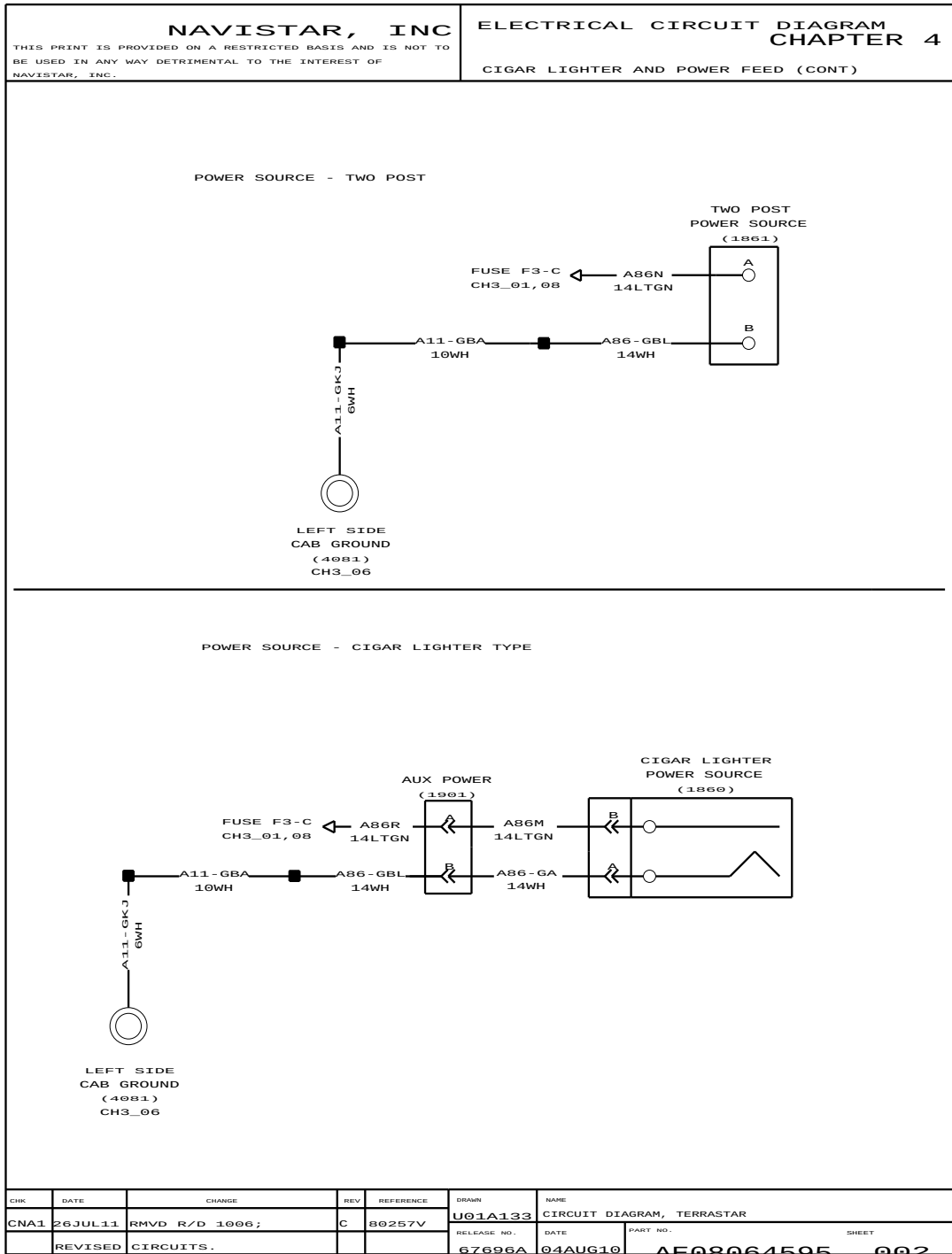


Figure 44 Cigar Lighter and Power Feed (Cont.)

## 4.3. COMPASS DISPLAY, P. 3

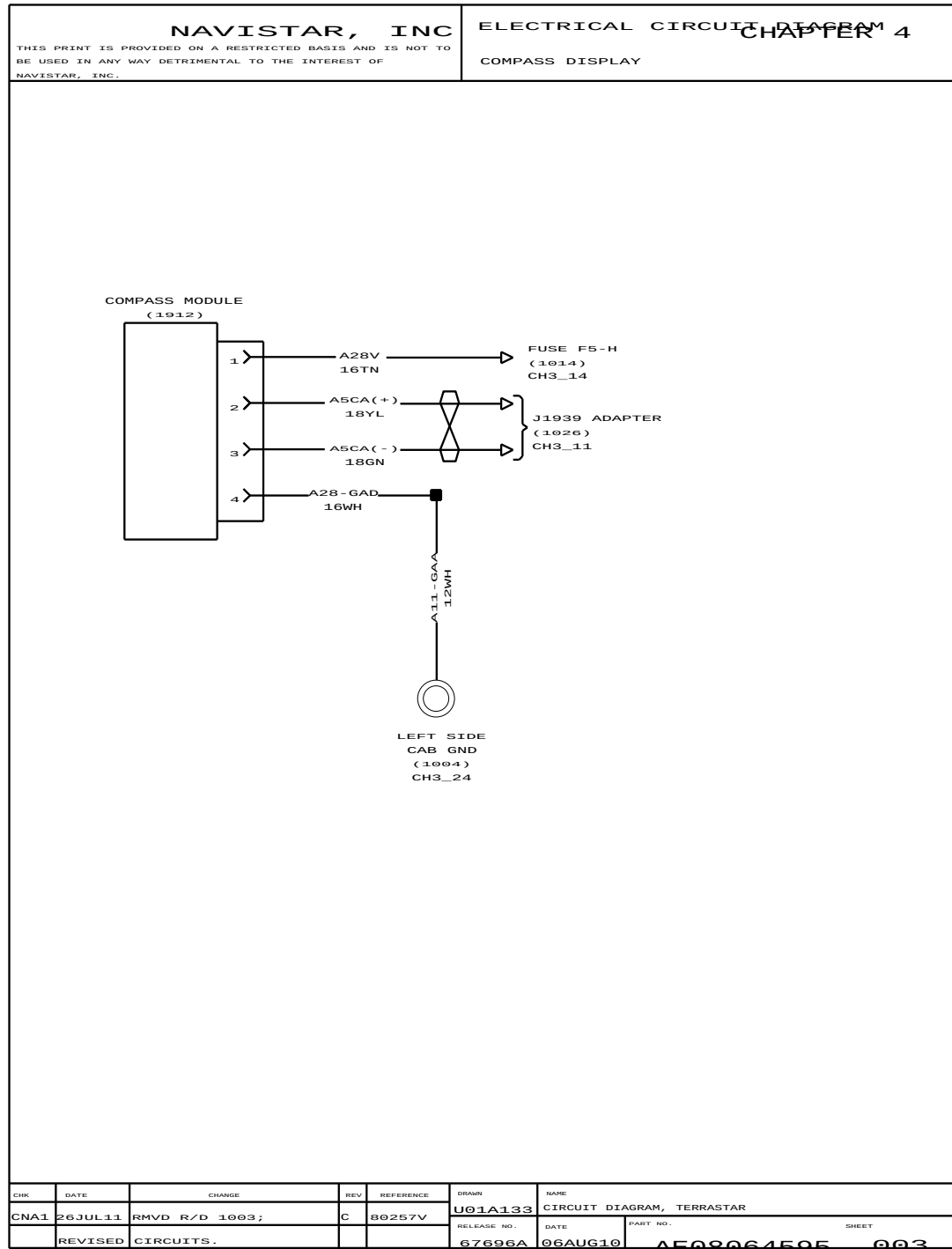


Figure 45 Compass Display

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 4.4. FRONT DOOR WINDOWS AND LOCKS (POWER), P. 4

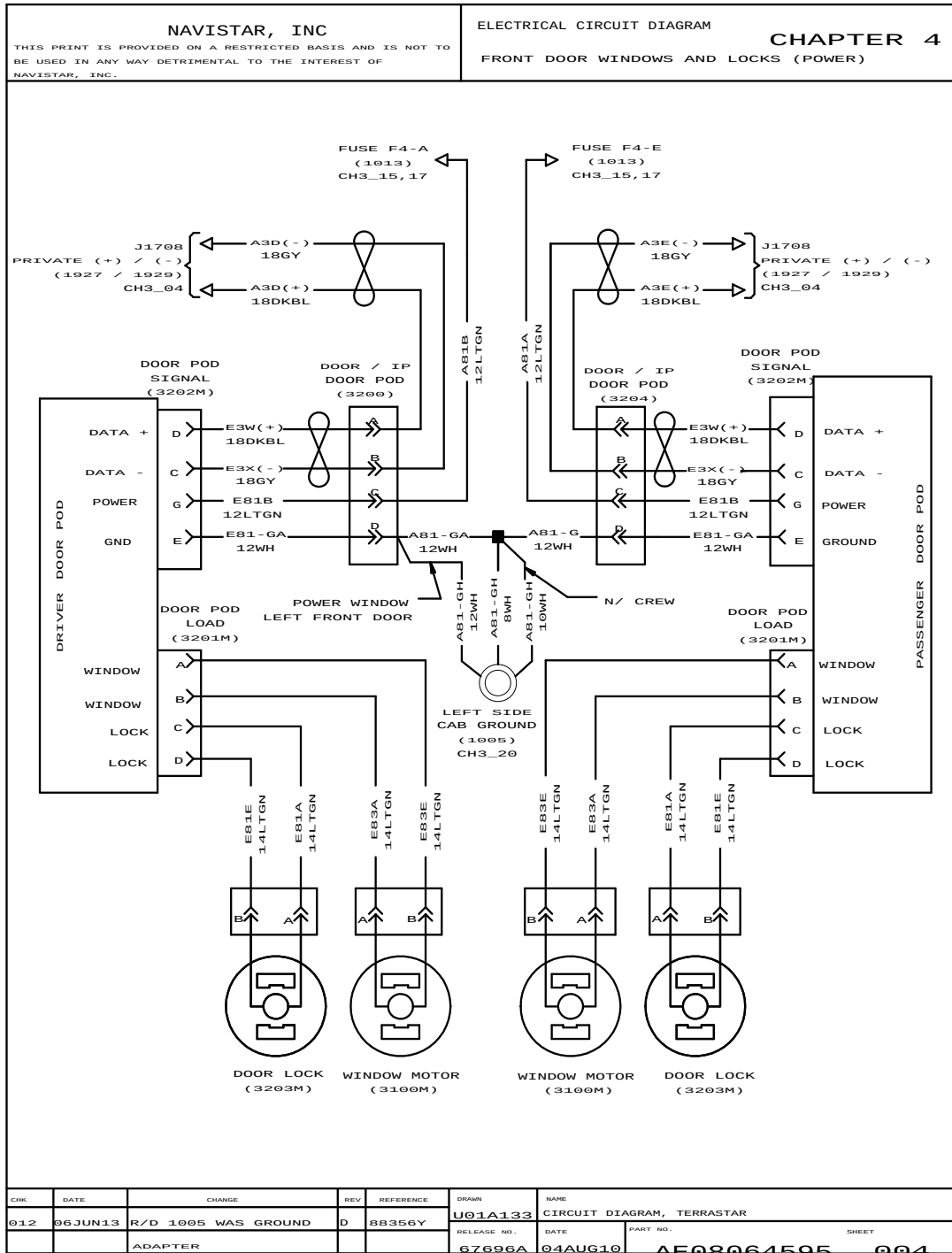


Figure 46 Front Door Windows and Locks (Power)

## 4.5. FRONT DOOR WINDOWS AND LOCKS (POWER) FOR CREW, P. 5

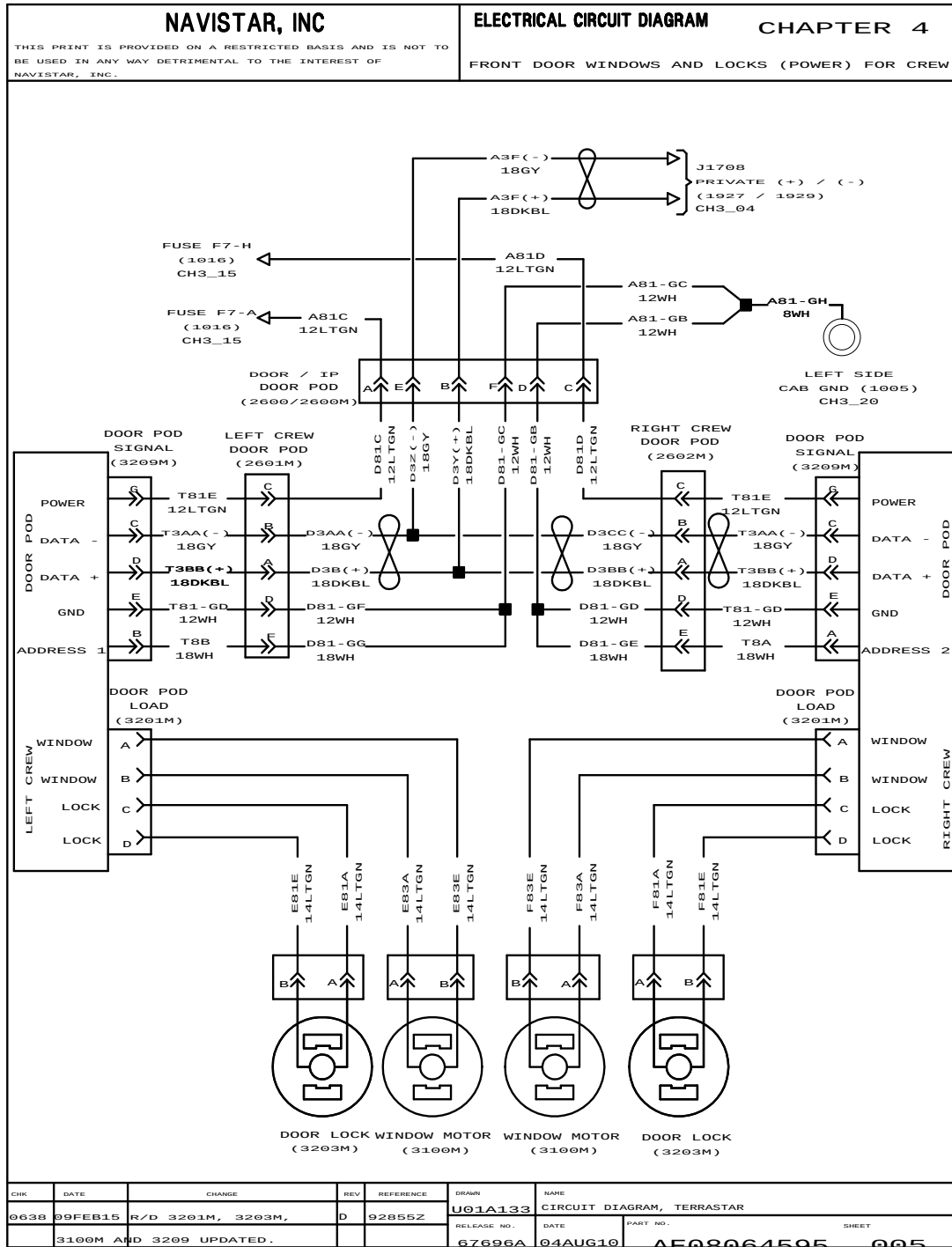


Figure 47 Front Door Windows and Locks (Power) For Crew

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 4.6. HORN – ELECTRIC AND AIR, P. 6

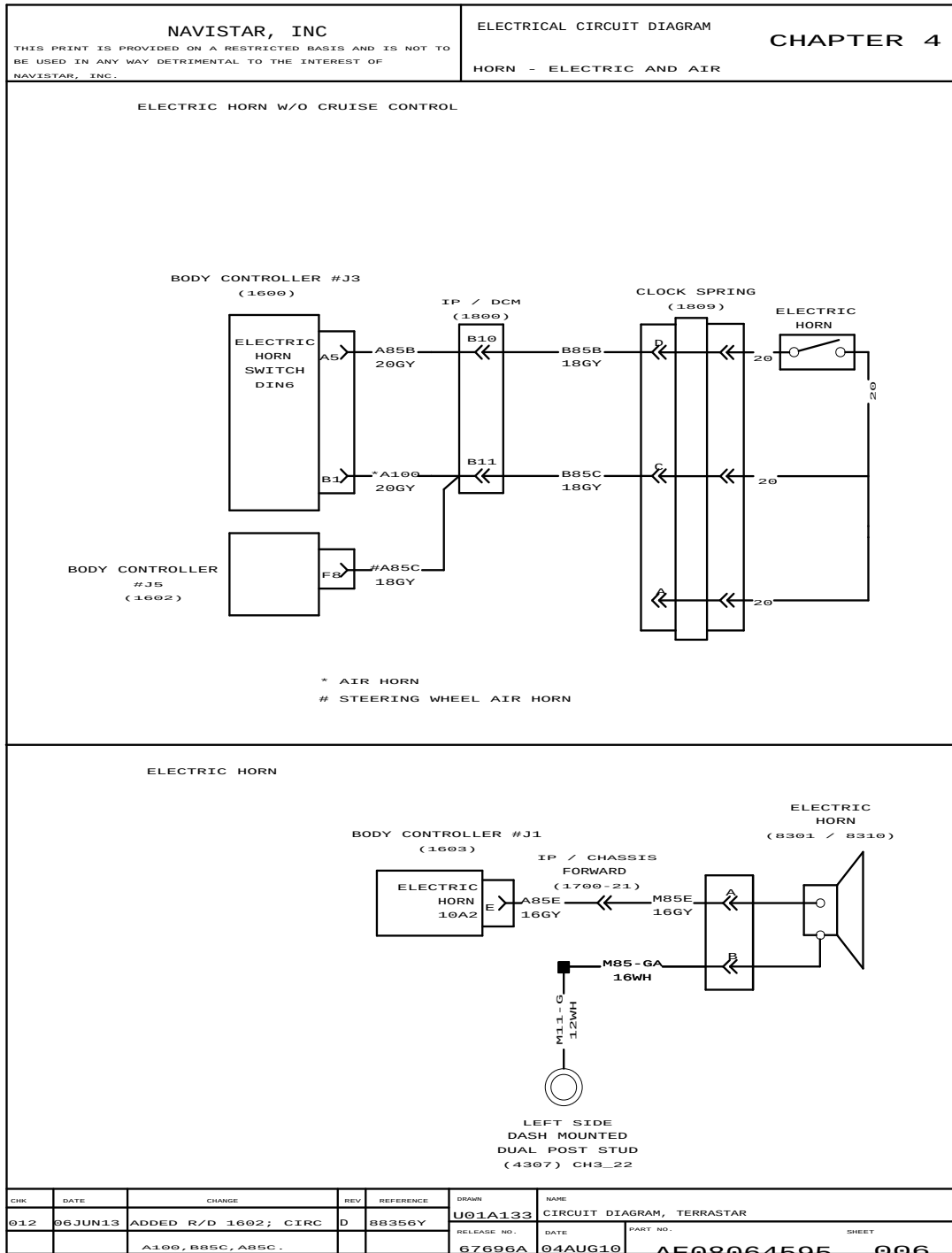


Figure 48 Horn – Electric and Air



## 4.7. MIRRORS (HEATED, LIGHTED &amp; POWER), P. 7

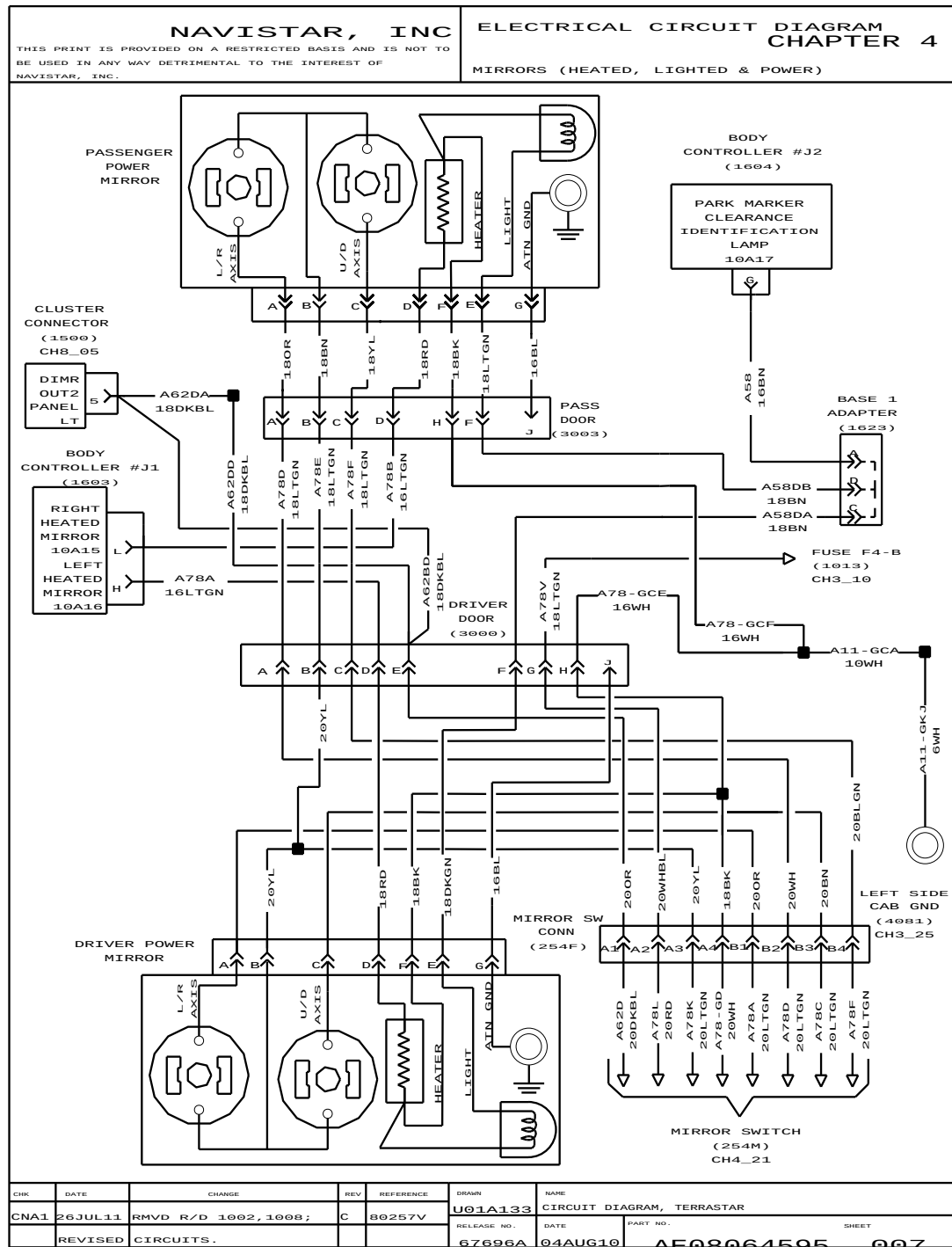


Figure 49 Mirrors (Heated, Lighted &amp; Power)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 4.8. 2 – WAY RADIO, P. 8

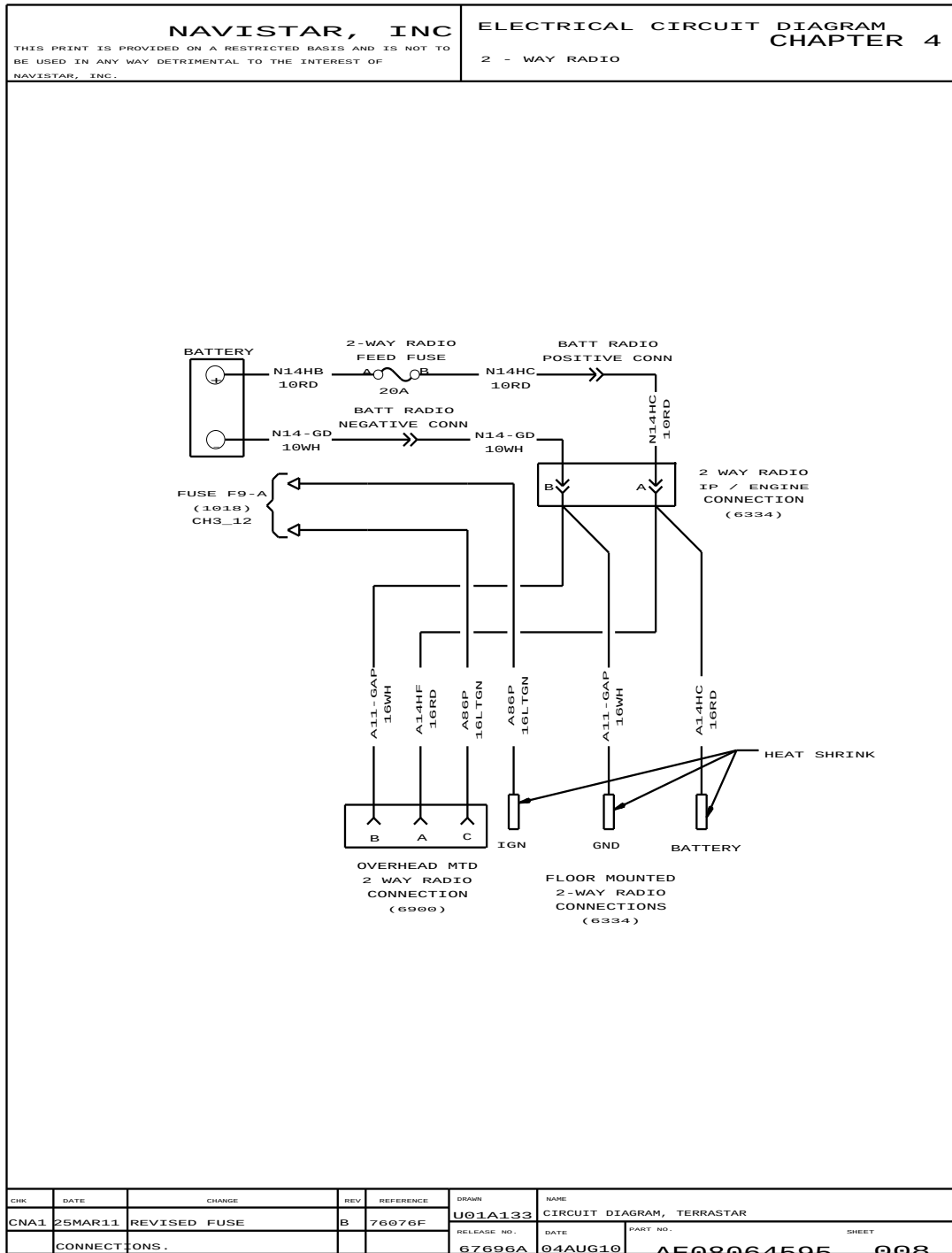


Figure 50 2 – Way Radio

## 4.9. INTENTIONALLY LEFT BLANK, P. 9

|                                                                                                                                                                    |         |                   |     |                                                                       |             |                            |                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------|-----|-----------------------------------------------------------------------|-------------|----------------------------|----------------|
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| <h1>INTENTIONALLY<br/>LEFT BLANK</h1>                                                                                                                              |         |                   |     |                                                                       |             |                            |                |
| CHK                                                                                                                                                                | DATE    | CHANGE            | REV | REFERENCE                                                             | DRAWN       | NAME                       |                |
| CNA1                                                                                                                                                               | 25MAR11 | REMOVED GEOMETRY. | B   | 76076F                                                                | U01A133     | CIRCUIT DIAGRAM, TERRASTAR |                |
|                                                                                                                                                                    |         |                   |     |                                                                       | RELEASE NO. | DATE                       | PART NO.       |
|                                                                                                                                                                    |         |                   |     |                                                                       | 67696A      | 04AUG10                    | AE08064595 009 |

Figure 51 Intentionally Left Blank

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 4.10. SELF CONTAINED AIR SEAT, P. 10

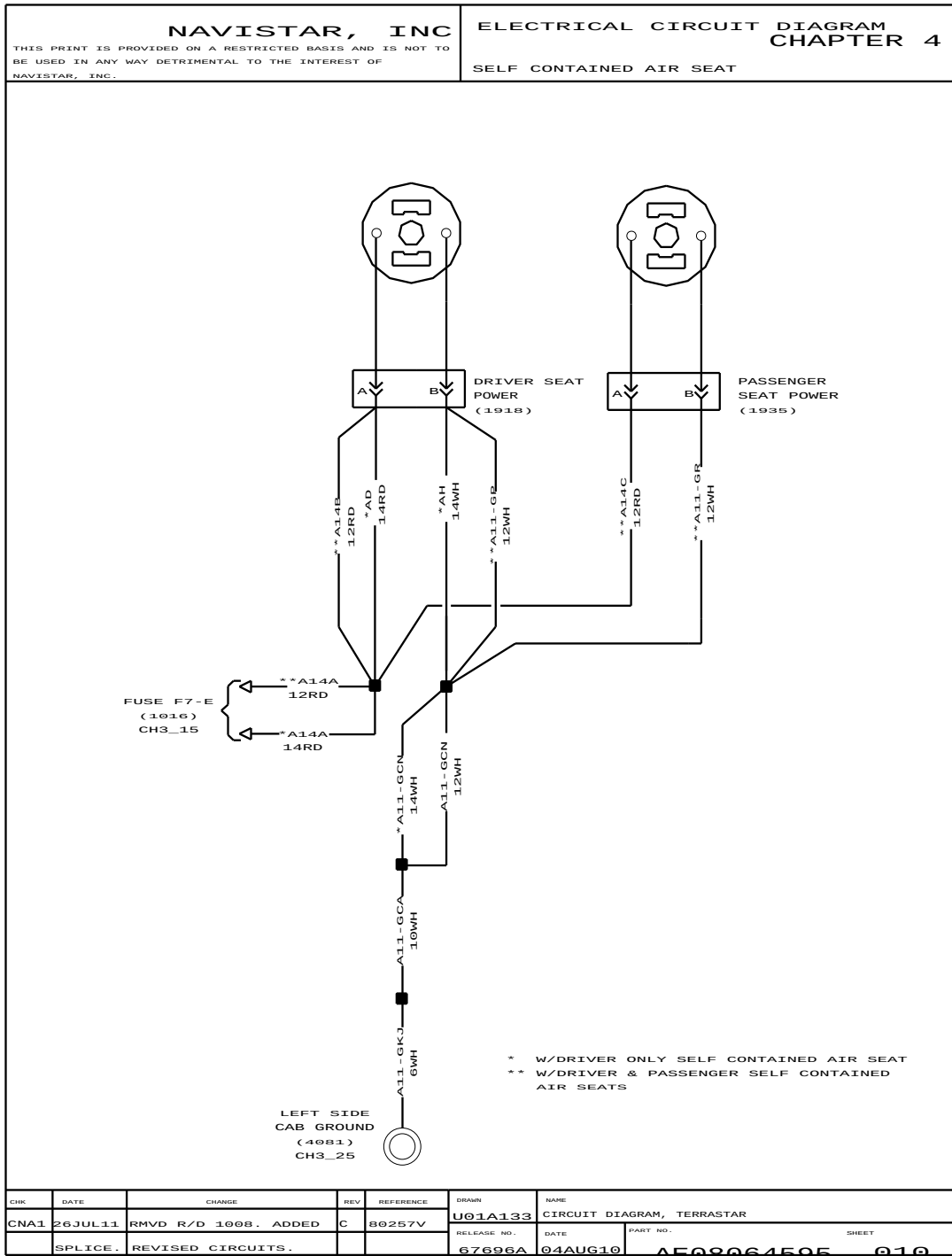


Figure 52 Self Contained Air Seat

## 4.11. RADIO (ENTERTAINMENT) SPEAKERS – WITH 16 WAY CONNECTOR, P. 11

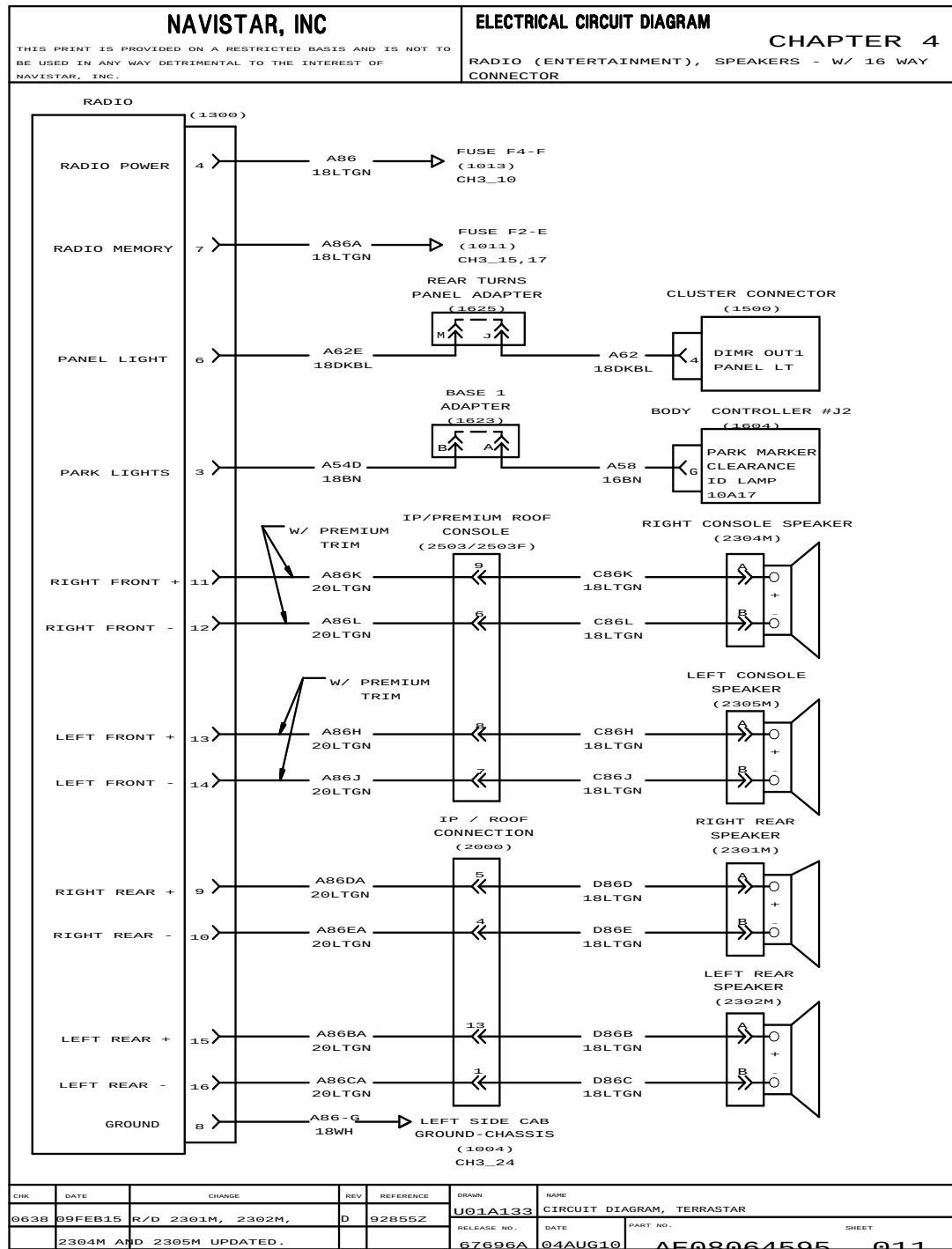


Figure 53 Radio (Entertainment) Speakers – with 16 Way Connector

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 4.12. RADIO (ENTERTAINMENT) SPEAKERS – WITH 12 WAY CONNECTOR, P. 11A

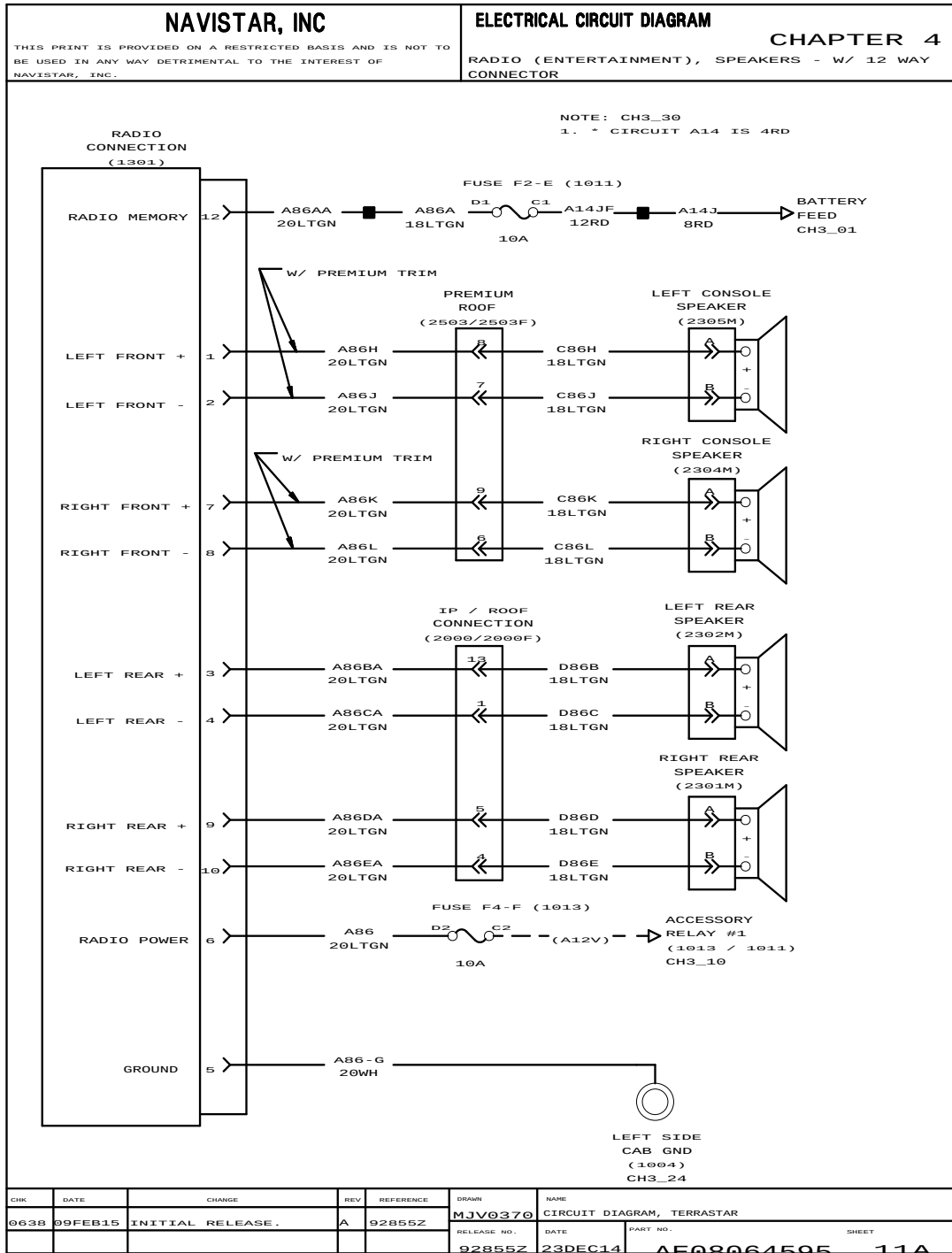


Figure 54 Radio (Entertainment) Speakers – with 12 Way Connector

### 4.13. RADIO (ENTERTAINMENT), SPEAKERS – WITH 16 WAY CONNECTOR (CONT.), P. 12

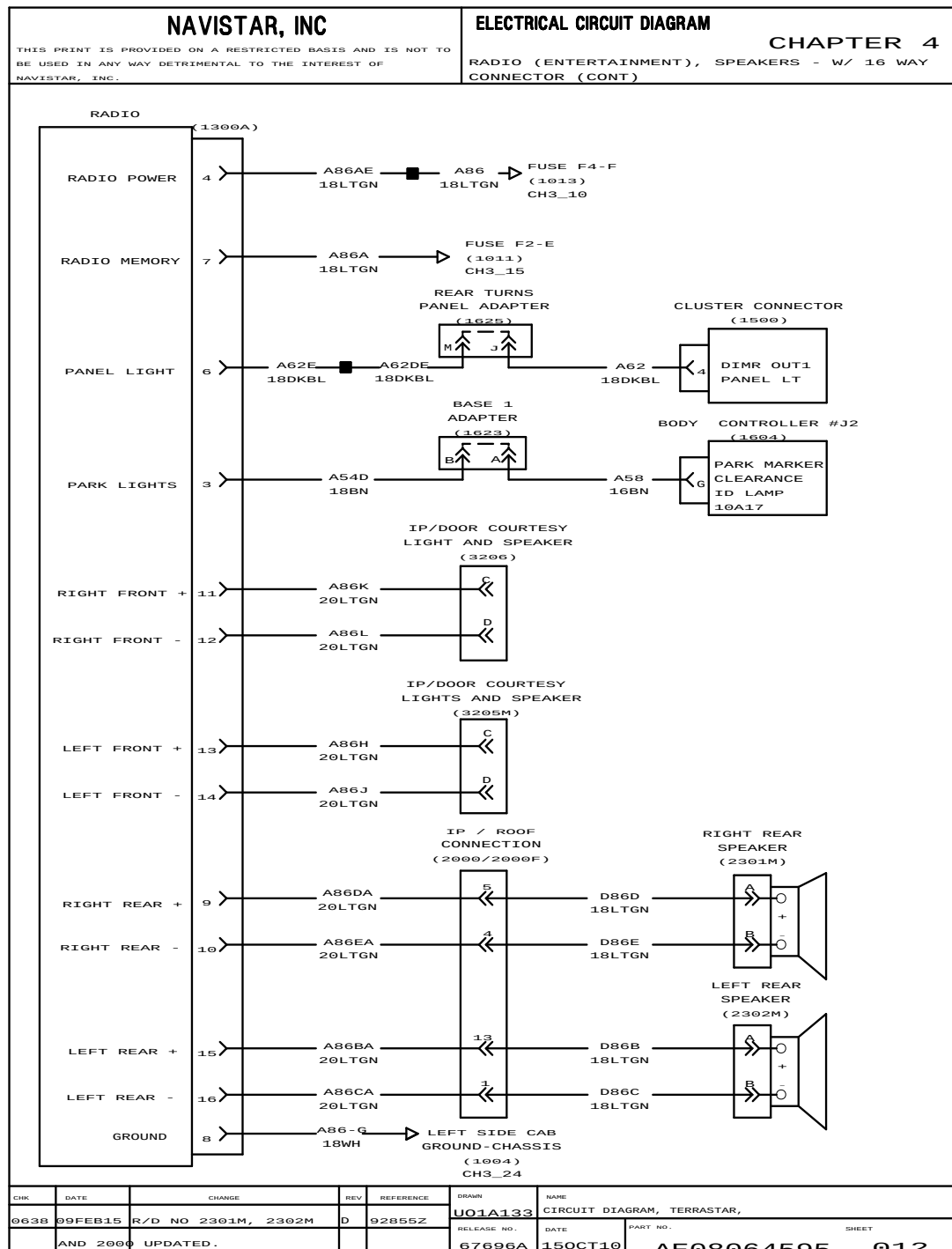


Figure 55 Radio (Entertainment), Speakers – with 16 Way Connector (Cont.)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 4.14. INTENTIONALLY LEFT BLANK, P. 13

| NAVISTAR, INC                                                                                                                     |         |                   |     |           | ELECTRICAL CIRCUIT DIAGRAM<br>CHAPTER 4 |                            |            |       |  |
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| <h1>INTENTIONALLY<br/>LEFT BLANK</h1>                                                                                             |         |                   |     |           |                                         |                            |            |       |  |
| CHK                                                                                                                               | DATE    | CHANGE            | REV | REFERENCE | DRAWN                                   | NAME                       |            |       |  |
| CNA1                                                                                                                              | 25MAR11 | REMOVED GEOMETRY. | B   | 76076F    | U01A133                                 | CIRCUIT DIAGRAM, TERRASTAR |            |       |  |
|                                                                                                                                   |         |                   |     |           | RELEASE NO.                             | DATE                       | PART NO.   | SHEET |  |
|                                                                                                                                   |         |                   |     |           | 67696A                                  | 15OCT10                    | AE08064595 | 013   |  |

Figure 56 Intentionally Left Blank



#### 4.15. INTENTIONALLY LEFT BLANK, P. 14

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------|--------------------|--------------------------|----------------------------------------------------------------------------------|----------------------------|-------------------------|----------------------|--|
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| INTENTIONALLY<br>LEFT BLANK                                                                                                                                        |                     |                       |                    |                          |                                                                                  |                            |                         |                      |  |
| <small>CHK</small>                                                                                                                                                 | <small>DATE</small> | <small>CHANGE</small> | <small>REV</small> | <small>REFERENCE</small> | <small>DRAWN</small>                                                             | <small>NAME</small>        |                         |                      |  |
| CNA1                                                                                                                                                               | 25MAR11             | REMOVED GEOMETRY.     | B                  | 76076F                   | U01A133                                                                          | CIRCUIT DIAGRAM, TERRASTAR |                         |                      |  |
|                                                                                                                                                                    |                     |                       |                    |                          | <small>RELEASE NO.</small>                                                       | <small>DATE</small>        | <small>PART NO.</small> | <small>SHEET</small> |  |
|                                                                                                                                                                    |                     |                       |                    |                          | 67696A                                                                           | 15OCT10                    | AE08064595              | 014                  |  |

Figure 57 Intentionally Left Blank

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 4.16. INTENTIONALLY LEFT BLANK, P. 15

|                                                                                                                                                                    |         |                   |     |                                                                                               |             |                            |                |
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| INTENTIONALLY<br>LEFT BLANK                                                                                                                                        |         |                   |     |                                                                                               |             |                            |                |
| CHK                                                                                                                                                                | DATE    | CHANGE            | REV | REFERENCE                                                                                     | DRAWN       | NAME                       |                |
| CNA1                                                                                                                                                               | 25MAR11 | REMOVED GEOMETRY. | B   | 76076F                                                                                        | U01A133     | CIRCUIT DIAGRAM, TERRASTAR |                |
|                                                                                                                                                                    |         |                   |     |                                                                                               | RELEASE NO. | DATE                       | PART NO.       |
|                                                                                                                                                                    |         |                   |     |                                                                                               | 67696A      | 15OCT10                    | AE08064595 015 |

Figure 58 Intentionally Left Blank

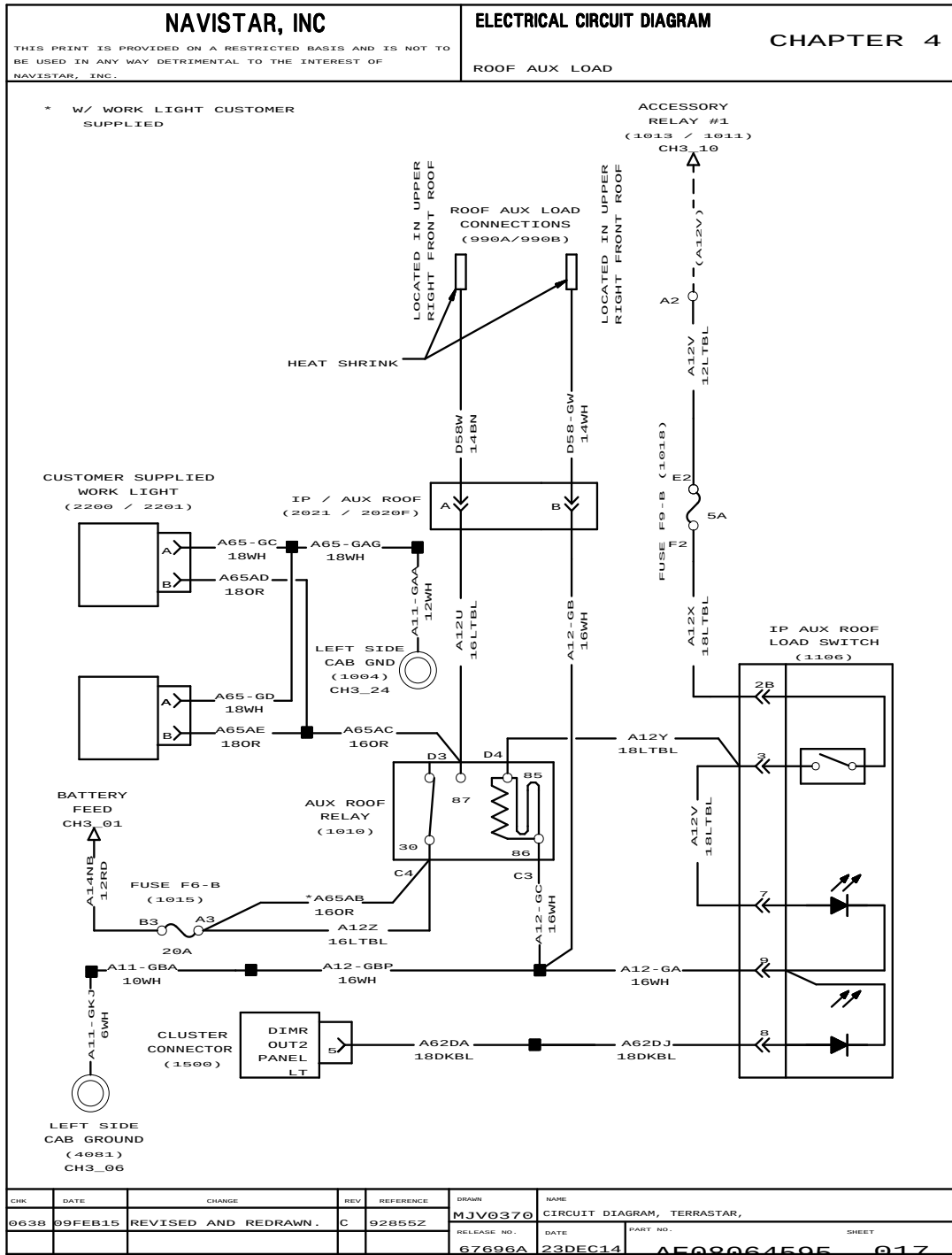
# 4.17. INTENTIONALLY LEFT BLANK, P. 16

|                                                                                                                                                                    |         |                   |     |                                                                                                  |             |                            |                |
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| <h1>INTENTIONALLY LEFT BLANK</h1>                                                                                                                                  |         |                   |     |                                                                                                  |             |                            |                |
| CHK                                                                                                                                                                | DATE    | CHANGE            | REV | REFERENCE                                                                                        | DRAWN       | NAME                       |                |
| CNA1                                                                                                                                                               | 25MAR11 | REMOVED GEOMETRY. | B   | 76076F                                                                                           | U01A133     | CIRCUIT DIAGRAM, TERRASTAR |                |
|                                                                                                                                                                    |         |                   |     |                                                                                                  | RELEASE NO. | DATE                       | PART NO.       |
|                                                                                                                                                                    |         |                   |     |                                                                                                  | 67696A      | 15OCT10                    | AE08064595 016 |

Figure 59 Intentionally Left Blank

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 4.18. ROOF AUX LOAD, P. 17



4.19. INTENTIONALLY LEFT BLANK, P. 18

|                                                                                                                                                                    |                     |                       |                    |                                                                                                              |                            |                            |                         |
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| INTENTIONALLY<br>LEFT BLANK                                                                                                                                        |                     |                       |                    |                                                                                                              |                            |                            |                         |
| <small>CHK</small>                                                                                                                                                 | <small>DATE</small> | <small>CHANGE</small> | <small>REV</small> | <small>REFERENCE</small>                                                                                     | <small>DRAWN</small>       | <small>NAME</small>        |                         |
| CNA1                                                                                                                                                               | 25MAR11             | REMOVED GEOMETRY.     | B                  | 76076F                                                                                                       | U01A133                    | CIRCUIT DIAGRAM, TERRASTAR |                         |
|                                                                                                                                                                    |                     |                       |                    |                                                                                                              | <small>RELEASE NO.</small> | <small>DATE</small>        | <small>PART NO.</small> |
|                                                                                                                                                                    |                     |                       |                    |                                                                                                              | 67696A                     | 15OCT10                    | AE08064595 018          |

Figure 61 Intentionally Left Blank

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 4.20. INTENTIONALLY LEFT BLANK, P. 19

| NAVISTAR, INC                                                                                                               |         |                   |     |           | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 4                        |                            |            |       |  |
|-----------------------------------------------------------------------------------------------------------------------------|---------|-------------------|-----|-----------|-------------------------------------------------------------|----------------------------|------------|-------|--|
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC. |         |                   |     |           | SATELLITE COMMUNICATION - QUALCOMM<br>IMCT W/ MVPC KEYBOARD |                            |            |       |  |
| <h1>INTENTIONALLY<br/>LEFT BLANK</h1>                                                                                       |         |                   |     |           |                                                             |                            |            |       |  |
| CHK                                                                                                                         | DATE    | CHANGE            | REV | REFERENCE | DRAWN                                                       | NAME                       |            |       |  |
| CNA1                                                                                                                        | 25MAR11 | REMOVED GEOMETRY. | B   | 76076F    | U01A133                                                     | CIRCUIT DIAGRAM, TERRASTAR |            |       |  |
|                                                                                                                             |         |                   |     |           | RELEASE NO.                                                 | DATE                       | PART NO.   | SHEET |  |
|                                                                                                                             |         |                   |     |           | 67696A                                                      | 15OCT10                    | AE08064595 | 019   |  |

Figure 62 Intentionally Left Blank

#### 4.21. INTENTIONALLY LEFT BLANK, P. 20

|                                                                                                                                                                    |         |                   |     |                                                                                                        |             |                            |                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------|-----|--------------------------------------------------------------------------------------------------------|-------------|----------------------------|----------------|
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| INTENTIONALLY<br>LEFT BLANK                                                                                                                                        |         |                   |     |                                                                                                        |             |                            |                |
| CHK                                                                                                                                                                | DATE    | CHANGE            | REV | REFERENCE                                                                                              | DRAWN       | NAME                       |                |
| CNA1                                                                                                                                                               | 25MAR11 | REMOVED GEOMETRY. | B   | 76076F                                                                                                 | U01A133     | CIRCUIT DIAGRAM, TERRASTAR |                |
|                                                                                                                                                                    |         |                   |     |                                                                                                        | RELEASE NO. | DATE                       | PART NO. SHEET |
|                                                                                                                                                                    |         |                   |     |                                                                                                        | 67696A      | 15OCT10                    | AE08064595 020 |

Figure 63 Intentionally Left Blank

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 4.22. MIRRORS (HEATED, LIGHTED & POWER) , P. 21

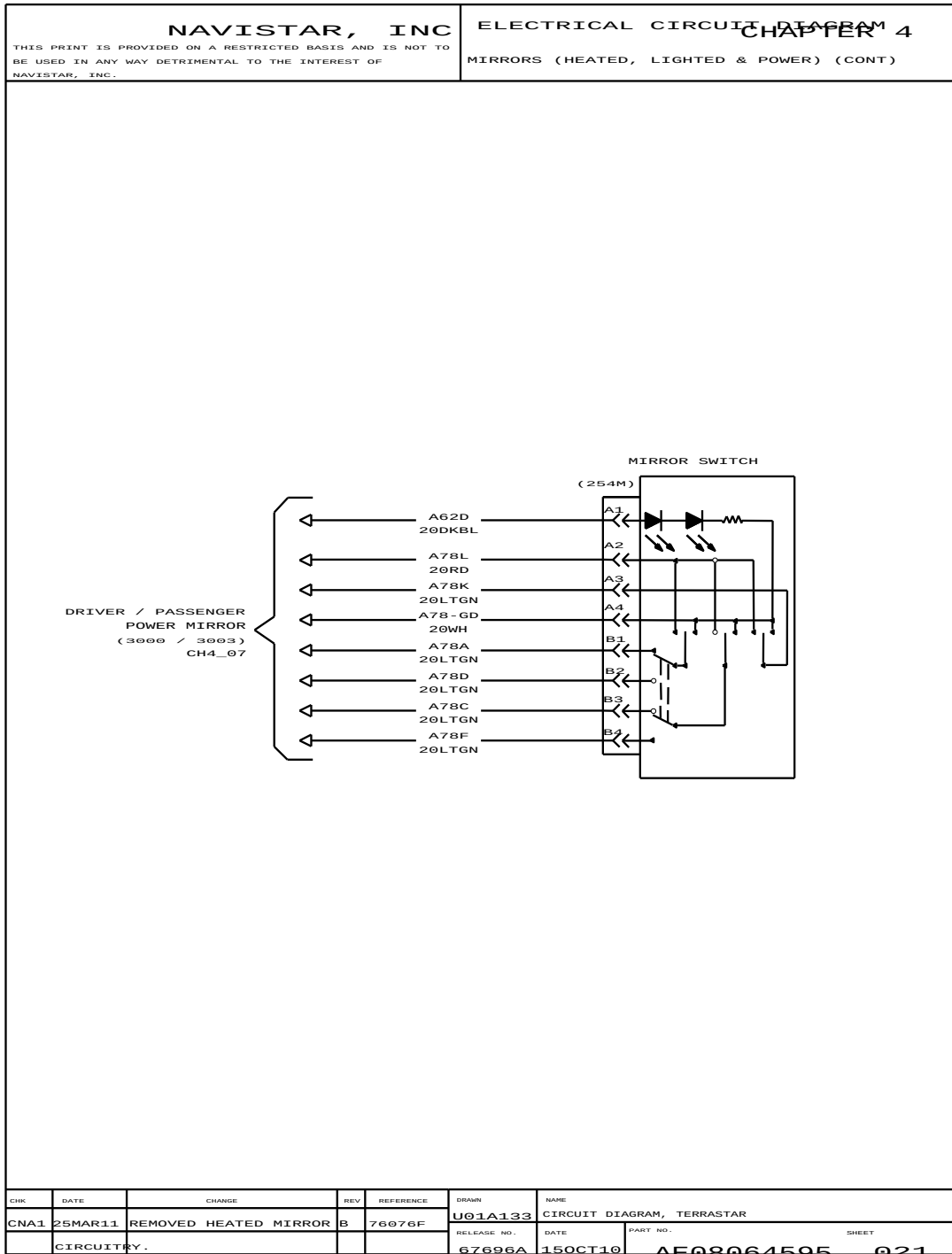


Figure 64 Mirrors (Heated, Lighted & Power)



## 4.23. CB POWER RADIO, P. 22

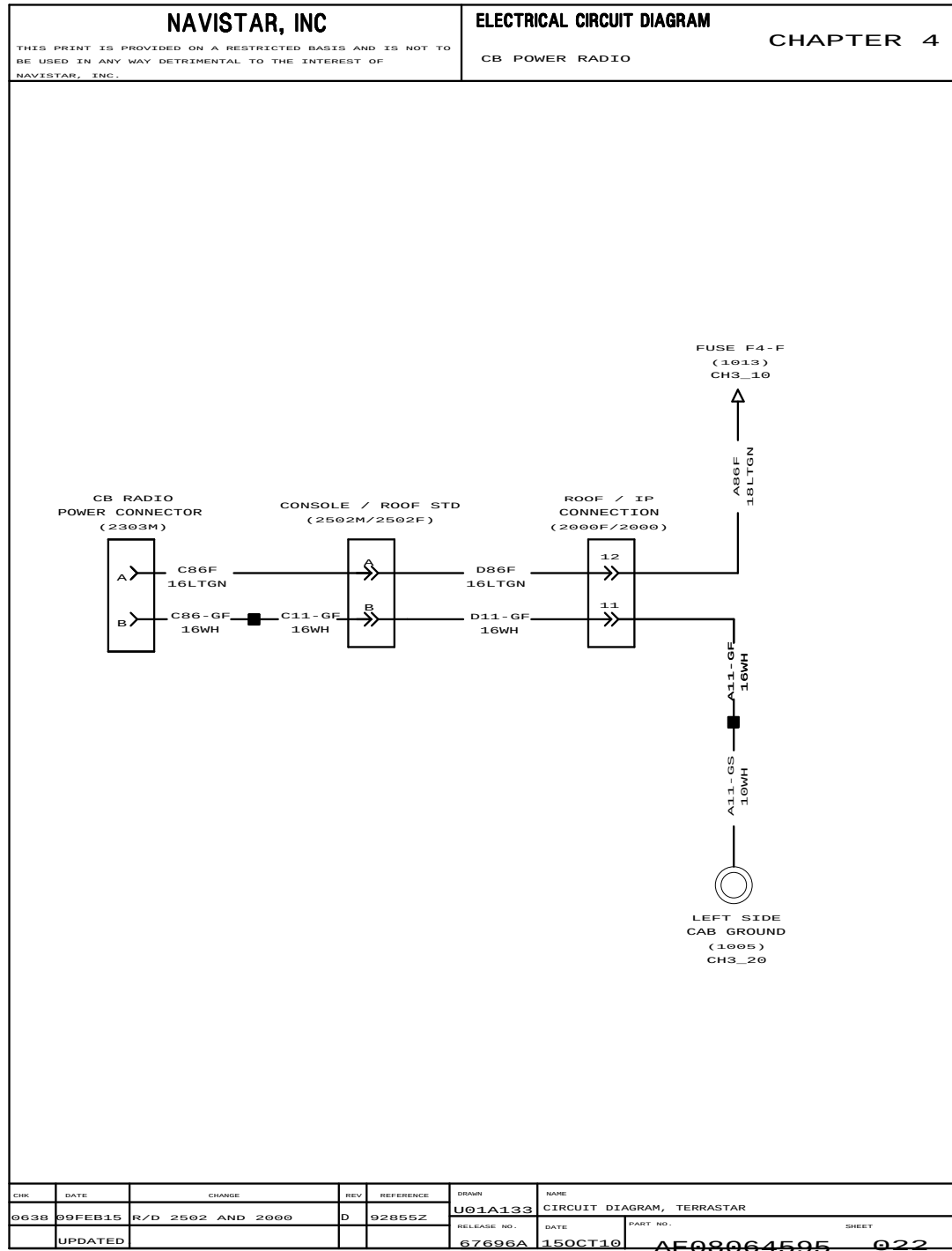


Figure 65 CB Power Radio

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 4.24. BACK-UP CAMERA, P. 23

|                                                                                                                                                                    |         |                   |     |                                                                             |             |                            |                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------|-----|-----------------------------------------------------------------------------|-------------|----------------------------|----------------|
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| INTENTIONALLY<br>LEFT BLANK                                                                                                                                        |         |                   |     |                                                                             |             |                            |                |
| CHK                                                                                                                                                                | DATE    | CHANGE            | REV | REFERENCE                                                                   | DRAWN       | NAME                       |                |
| CNA1                                                                                                                                                               | 25MAR11 | REMOVED GEOMETRY. | B   | 76076F                                                                      | U01A133     | CIRCUIT DIAGRAM, TERRASTAR |                |
|                                                                                                                                                                    |         |                   |     |                                                                             | RELEASE NO. | DATE                       | PART NO.       |
|                                                                                                                                                                    |         |                   |     |                                                                             | 67696A      | 15OCT10                    | AE08064595 023 |

**Figure 66 Back-Up Camera**

## 4.25. HEATED SEATS, P. 24

|                                                                                                                                                                    |         |                   |     |                                                                                  |             |                            |                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------|-----|----------------------------------------------------------------------------------|-------------|----------------------------|----------------|
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| INTENTIONALLY<br>LEFT BLANK                                                                                                                                        |         |                   |     |                                                                                  |             |                            |                |
| CHK                                                                                                                                                                | DATE    | CHANGE            | REV | REFERENCE                                                                        | DRAWN       | NAME                       |                |
| CNA1                                                                                                                                                               | 25MAR11 | REMOVED GEOMETRY. | B   | 76076F                                                                           | U01A133     | CIRCUIT DIAGRAM, TERRASTAR |                |
|                                                                                                                                                                    |         |                   |     |                                                                                  | RELEASE NO. | DATE                       | PART NO.       |
|                                                                                                                                                                    |         |                   |     |                                                                                  | 67696A      | 15OCT10                    | AE08064595 024 |

Figure 67 Heated Seats

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 4.26. SWITCH PACK OPTIONAL GAUGE PACK, P. 25

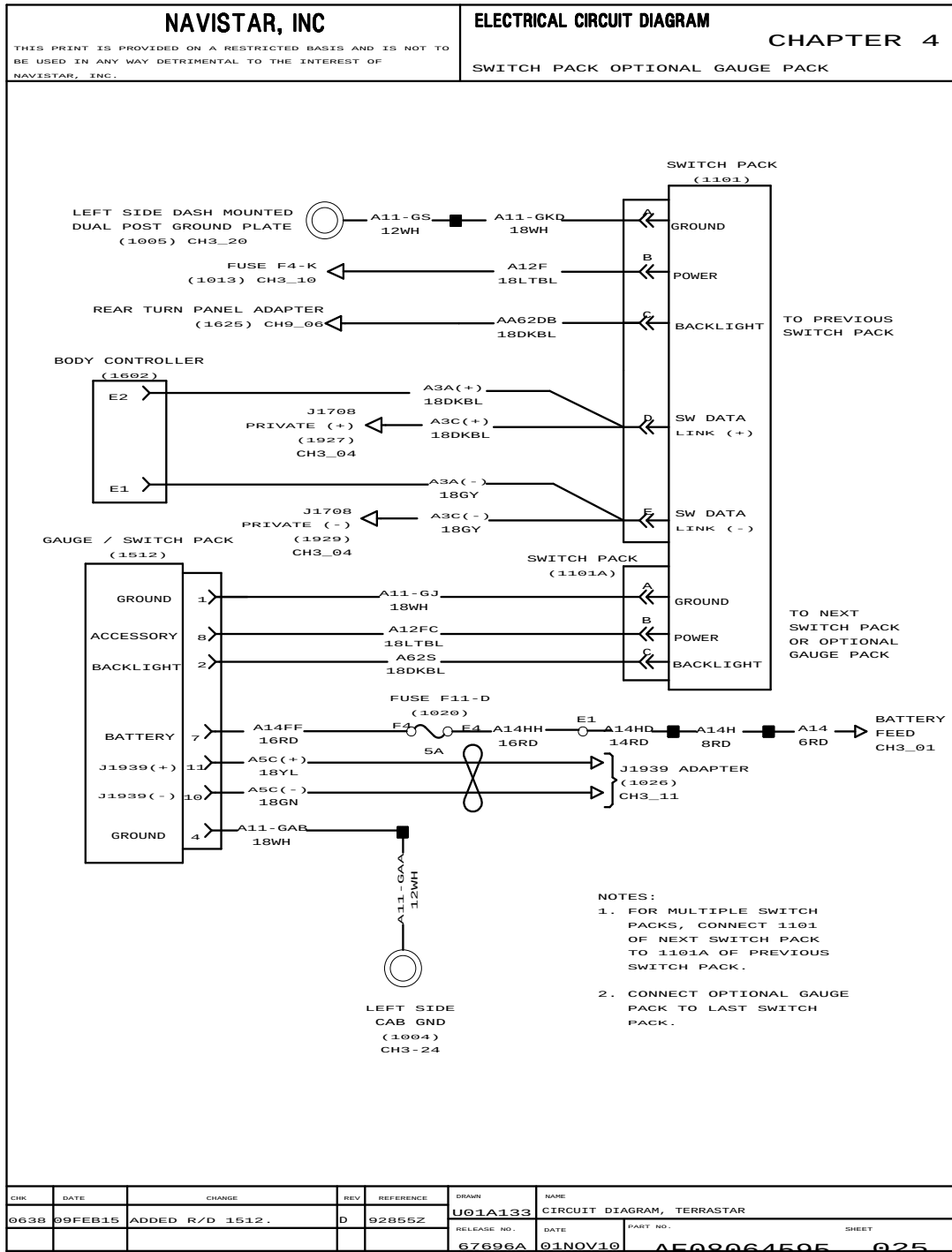


Figure 68 Switch Pack Optional Gauge Pack

## 4.27. WINDSHIELD WIPER, P. 26

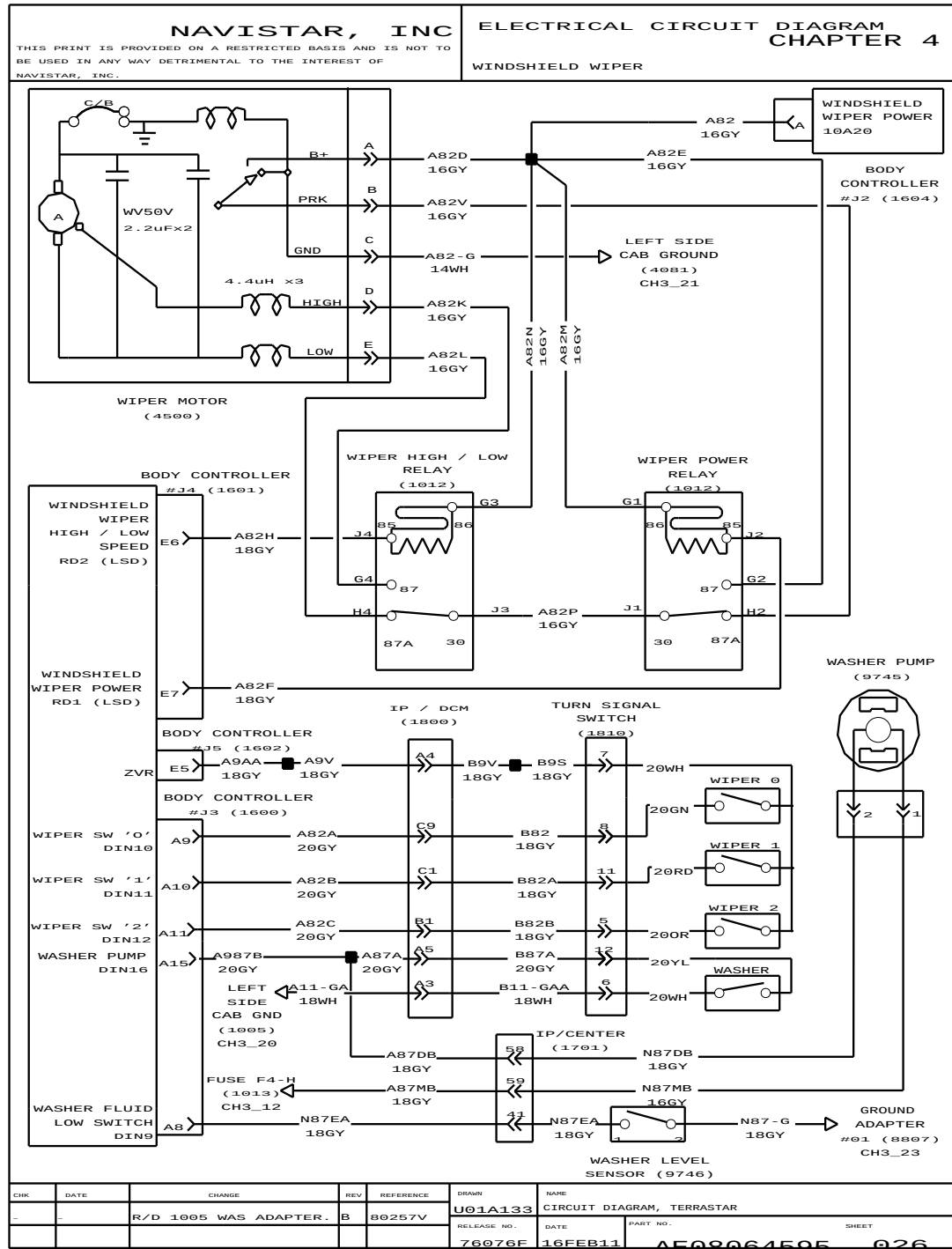


Figure 69 Windshield Wiper

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 4.28. SEAT BELT AND SEAT SENSOR, P. 27

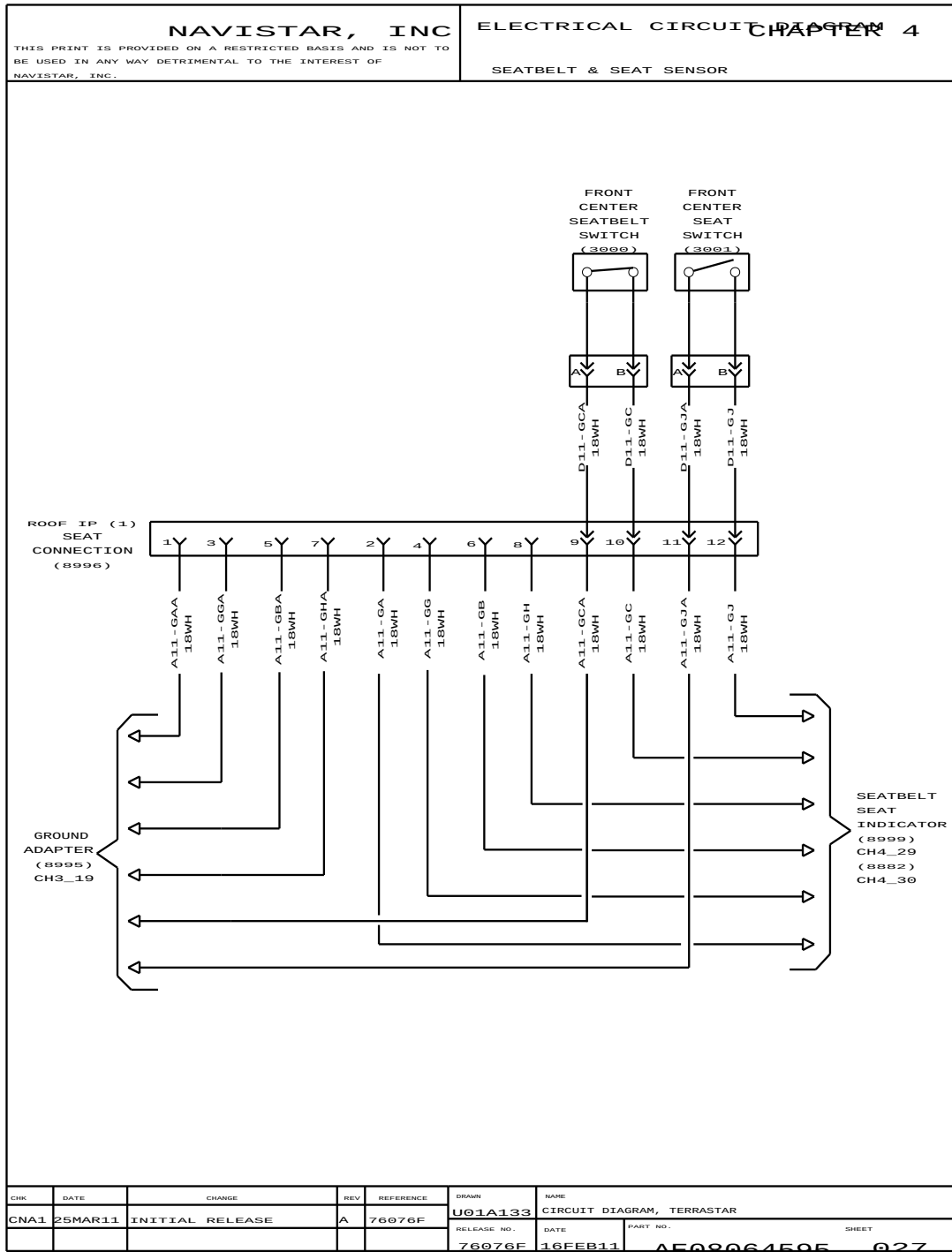


Figure 70 Seat Belt and Seat Sensor

## 4.29. SEAT BELT AND SEAT SENSOR (CONT.), P. 28

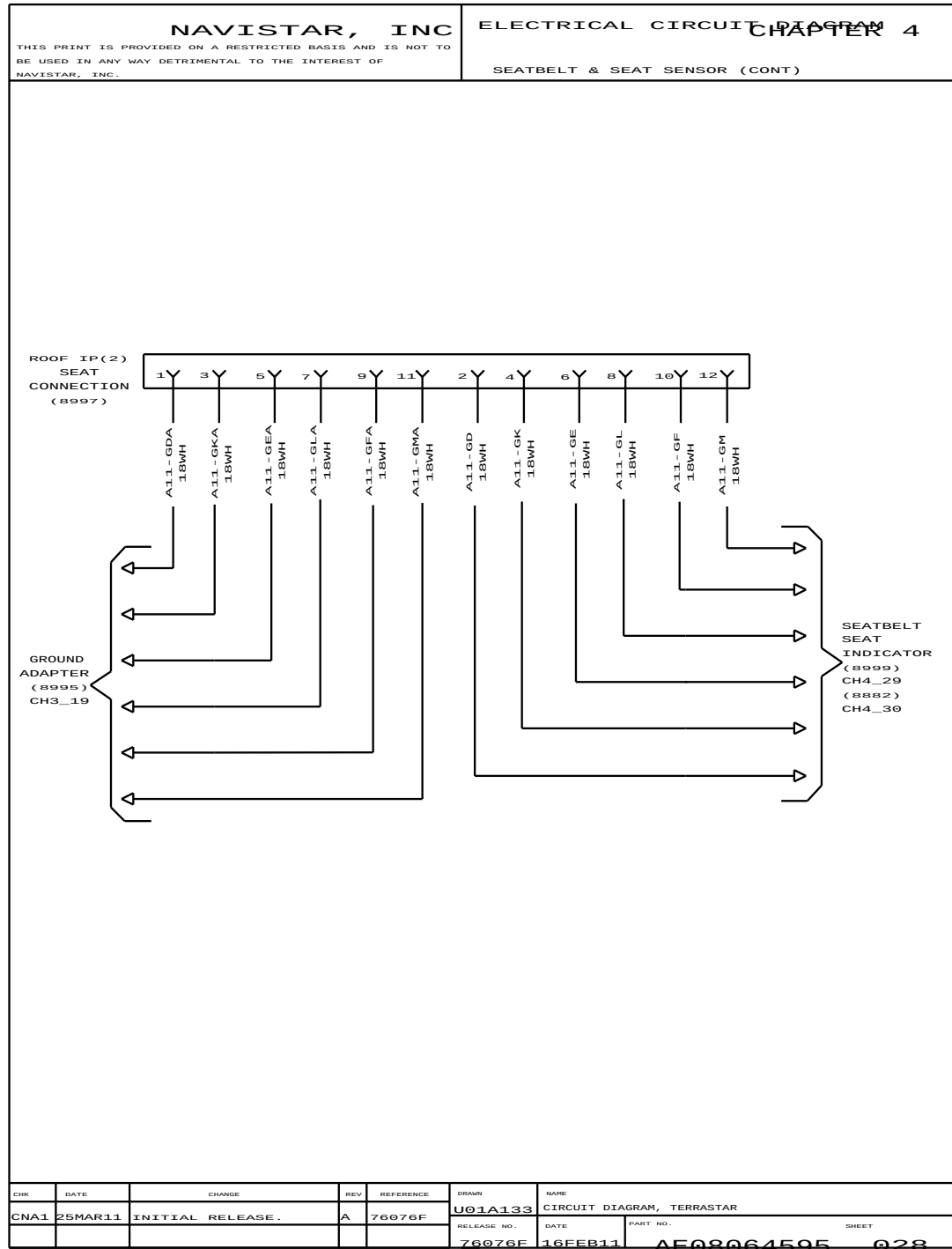


Figure 71 Seat Belt and Seat Sensor (Cont.)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 4.30. SEAT BELT AND SEAT SENSOR (CONT.), P. 29

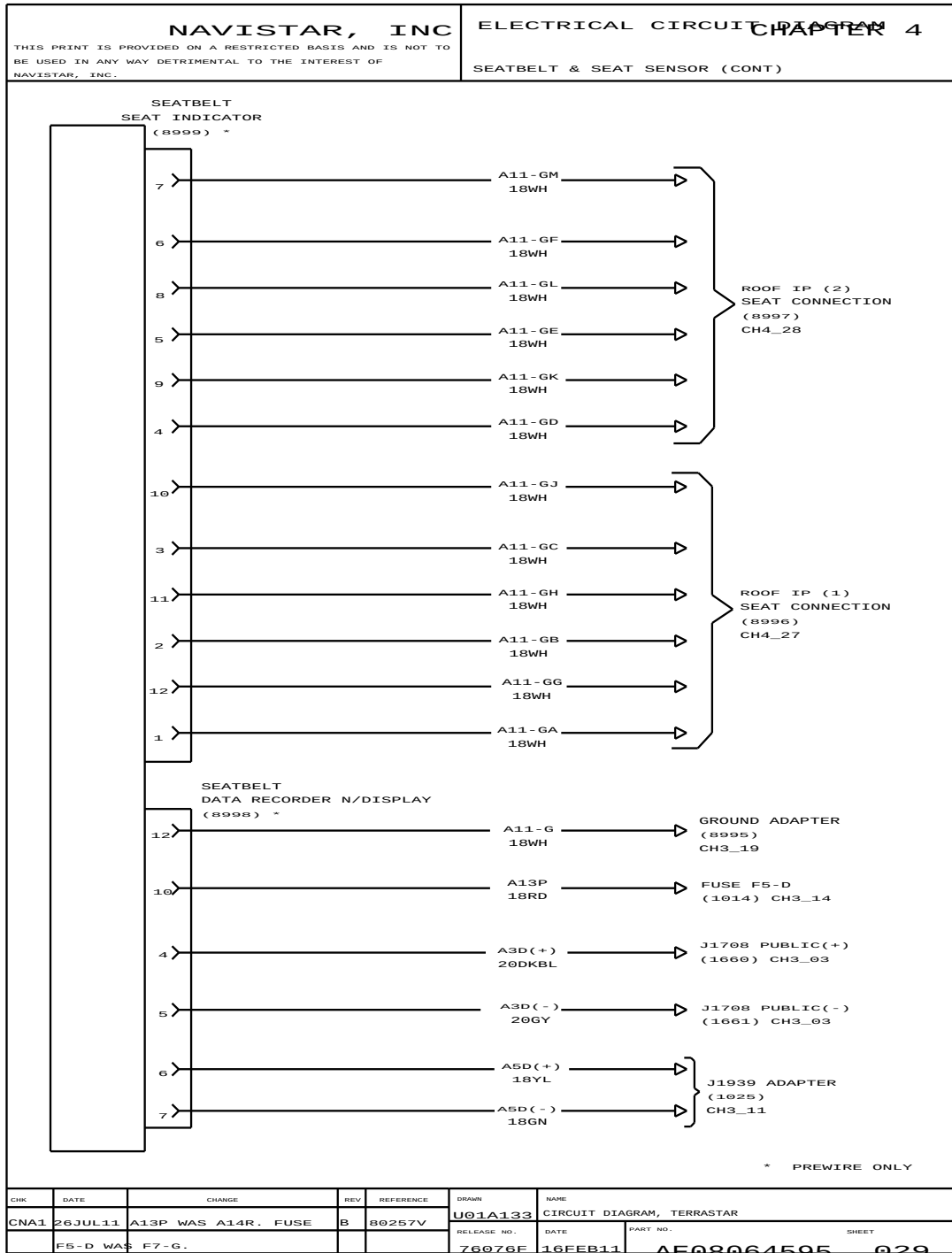


Figure 72 Seat Belt and Seat Sensor (Cont.)



## 4.31. SEAT BELT AND SEAT SENSOR (CONT.), P. 30

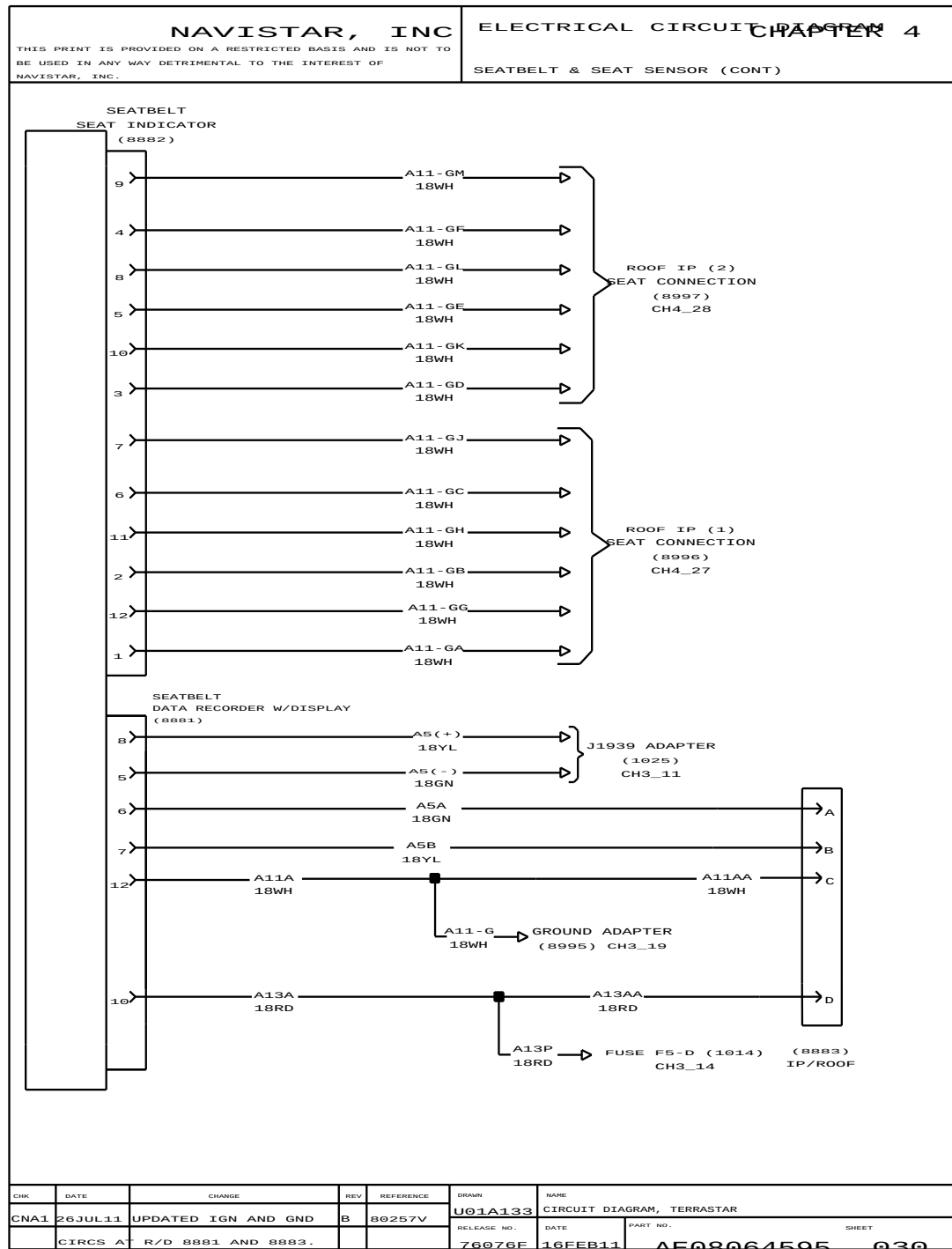


Figure 73 Seat Belt and Seat Sensor (Cont.)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 12V CHARGING AND CRANKING SYSTEM (CHAPTER 5)

## 5.1. STARTING AND CRANKING ENGINE WITH ALLISON TRANSMISSION, P. 1

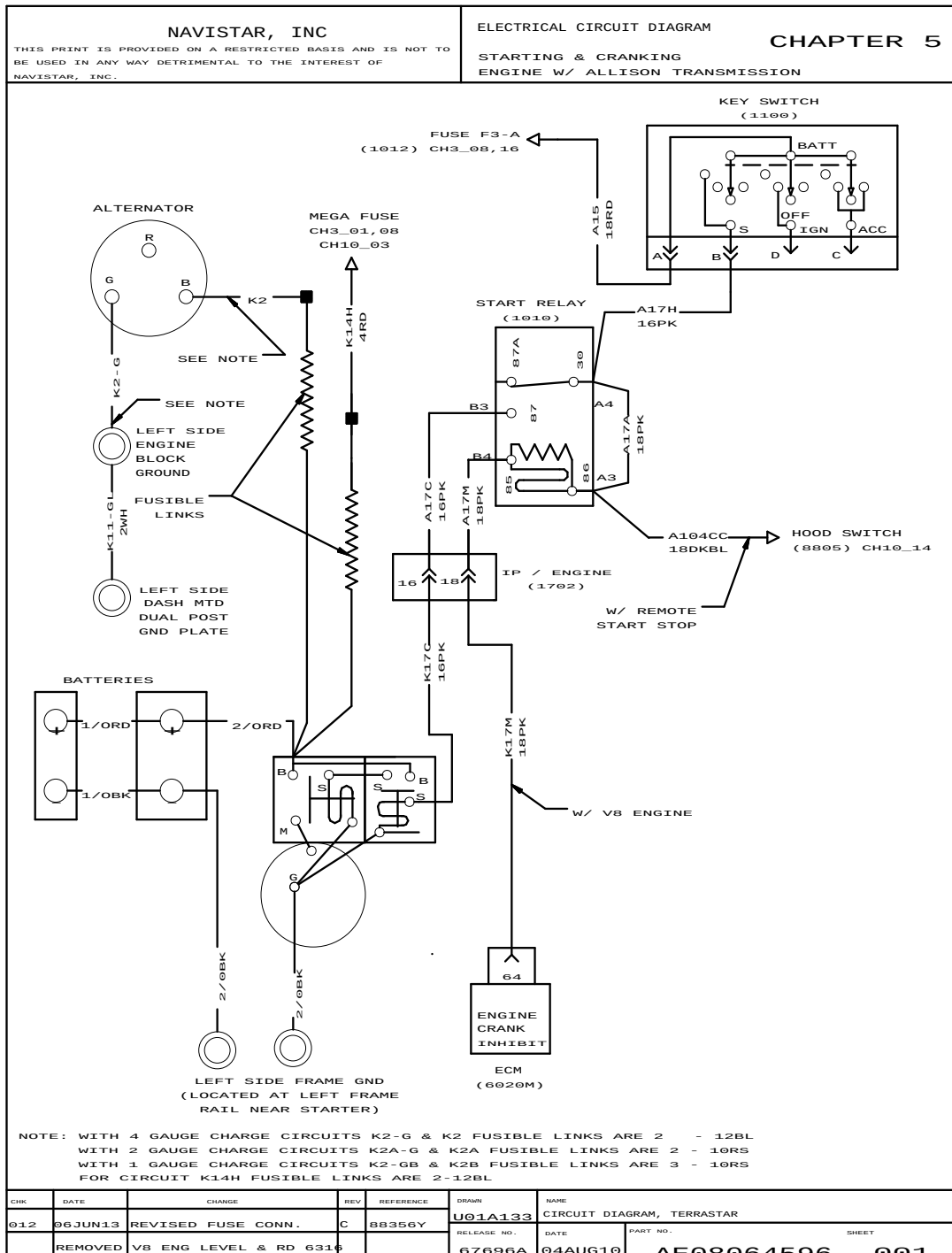


Figure 74 Starting and Cranking Engine with Allison Transmission

## 5.2. ROCKER START, P. 2

|                                                                                                                                                                    |                     |                       |                    |                                                                              |                            |                            |                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------|--------------------|------------------------------------------------------------------------------|----------------------------|----------------------------|-------------------------|
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| INTENTIONALLY<br>LEFT BLANK                                                                                                                                        |                     |                       |                    |                                                                              |                            |                            |                         |
| <small>CHK</small>                                                                                                                                                 | <small>DATE</small> | <small>CHANGE</small> | <small>REV</small> | <small>REFERENCE</small>                                                     | <small>DRAWN</small>       | <small>NAME</small>        |                         |
| CNA1                                                                                                                                                               | 25MAR11             | REMOVED GEOMETRY.     | B                  | 76076F                                                                       | U01A133                    | CIRCUIT DIAGRAM, TERRASTAR |                         |
|                                                                                                                                                                    |                     |                       |                    |                                                                              | <small>RELEASE NO.</small> | <small>DATE</small>        | <small>PART NO.</small> |
|                                                                                                                                                                    |                     |                       |                    |                                                                              | 67696A                     | 15OCT10                    | AE08064596 002          |

Figure 75 Rocker Start

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## FANS AND ENGINE ACCESSORIES (CHAPTER 6)

## 6.1. FAN WIRING – V8 ENGINE, P. 1

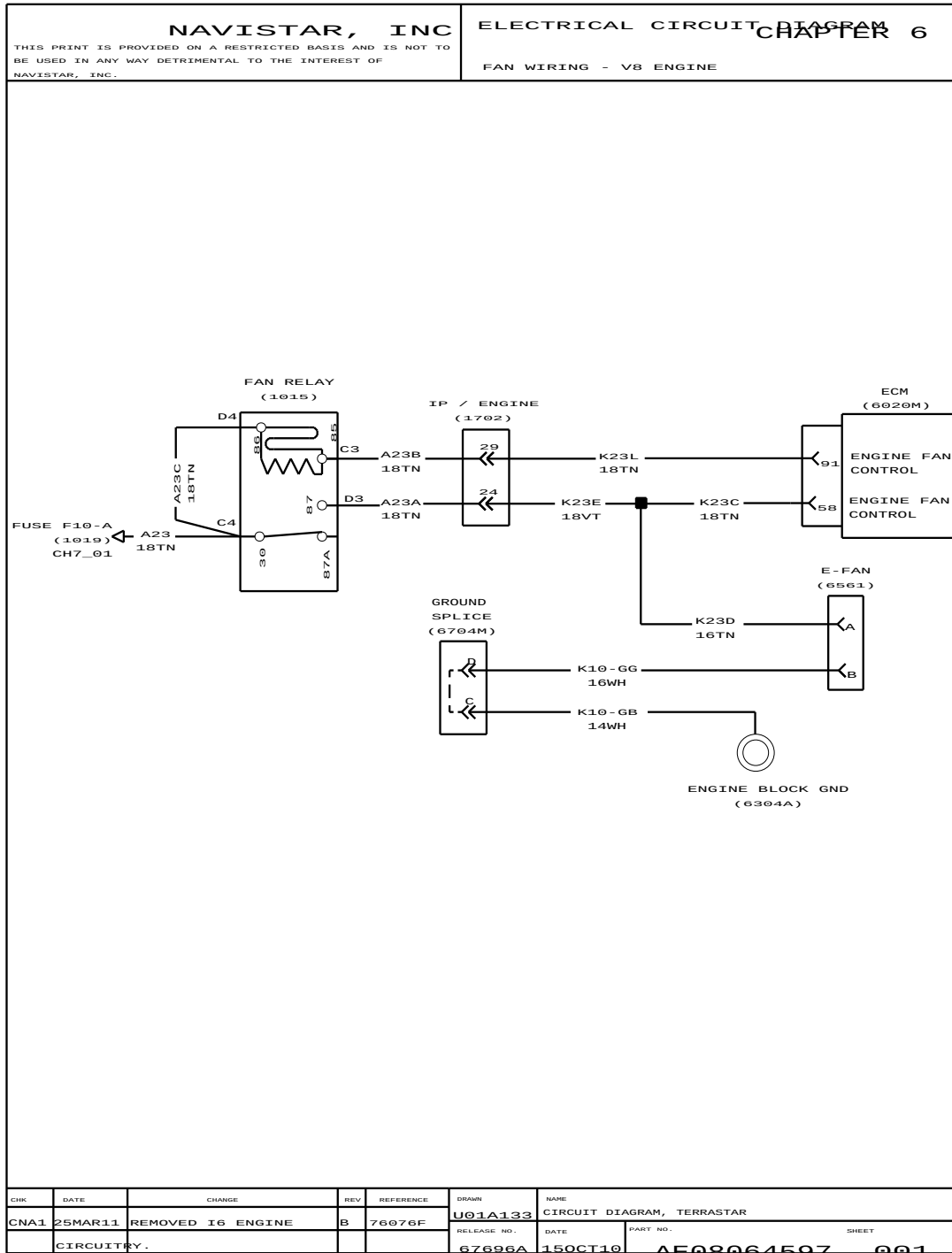


Figure 76 Fan Wiring – V8 Engine

## 6.2. SNOW VALVE, P. 2

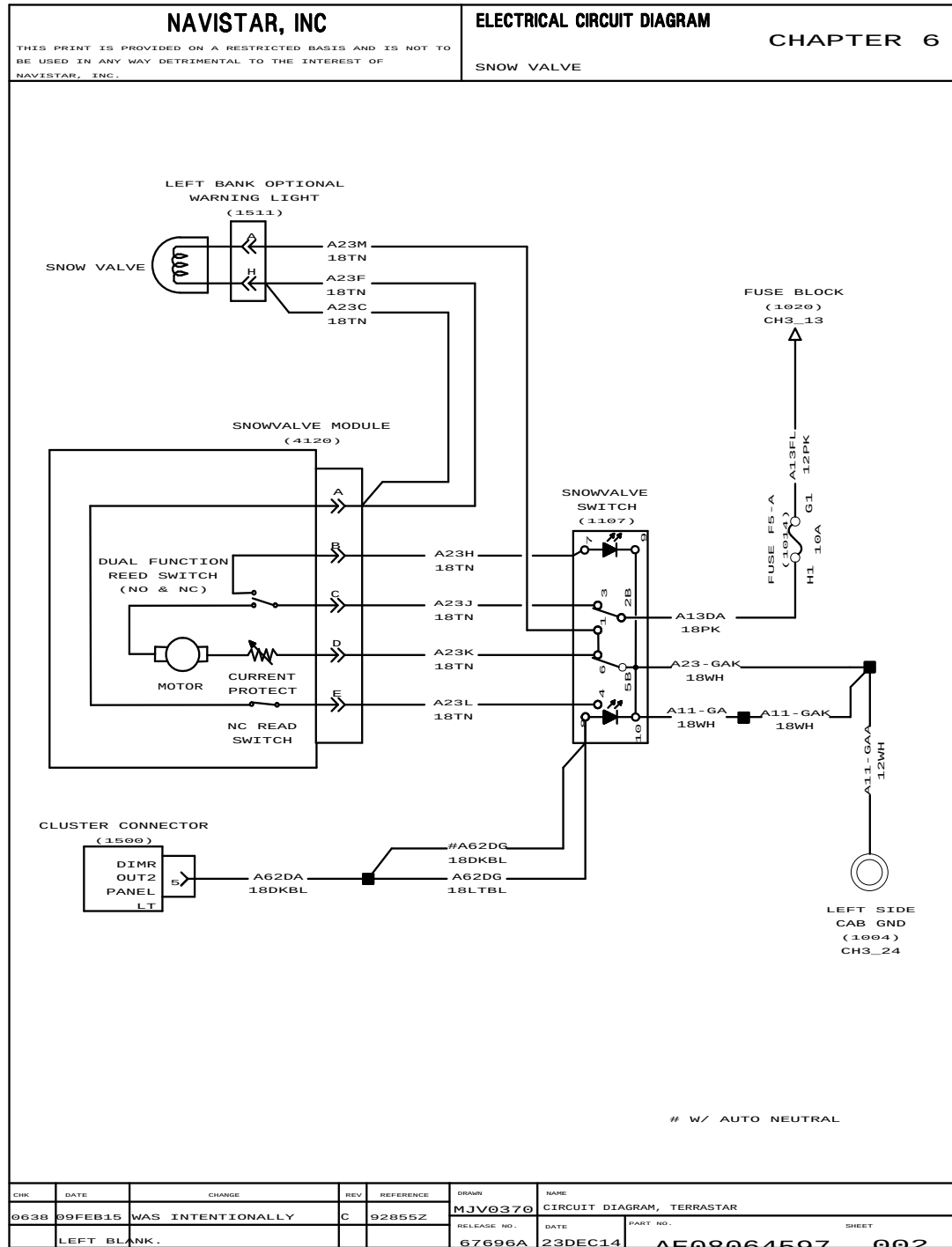


Figure 77 Snow Valve

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## ELECTRONIC ENGINES (CHAPTER 7)

## 7.1. ELECTRONIC ENGINE CONTROLS – V8 ENGINE, P. 1

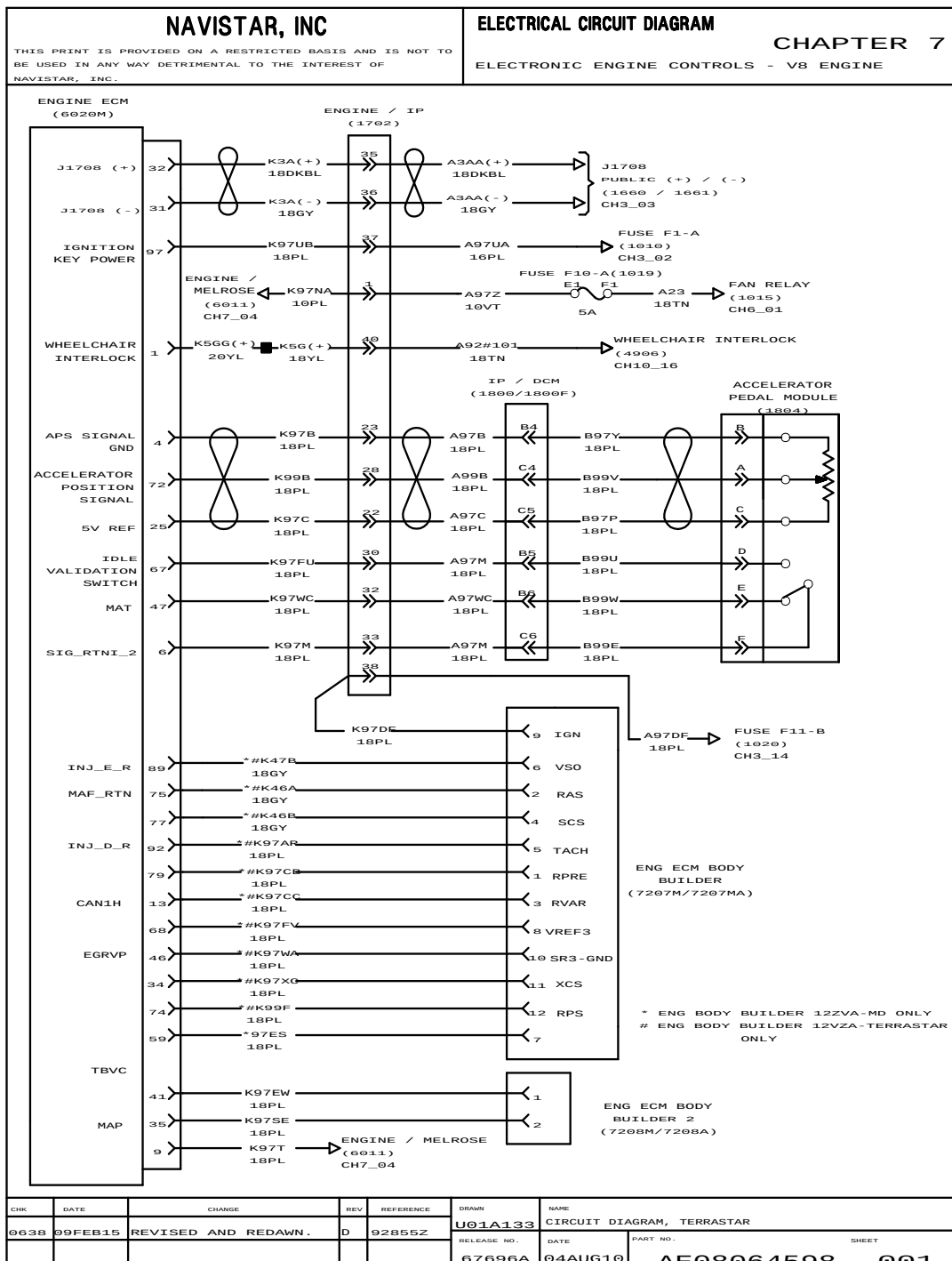


Figure 78 Electronic Engine Controls – V8 Engine

## 7.2. ELECTRONIC ENGINE CONTROLS – V8 ENGINE (CONT.), P. 2

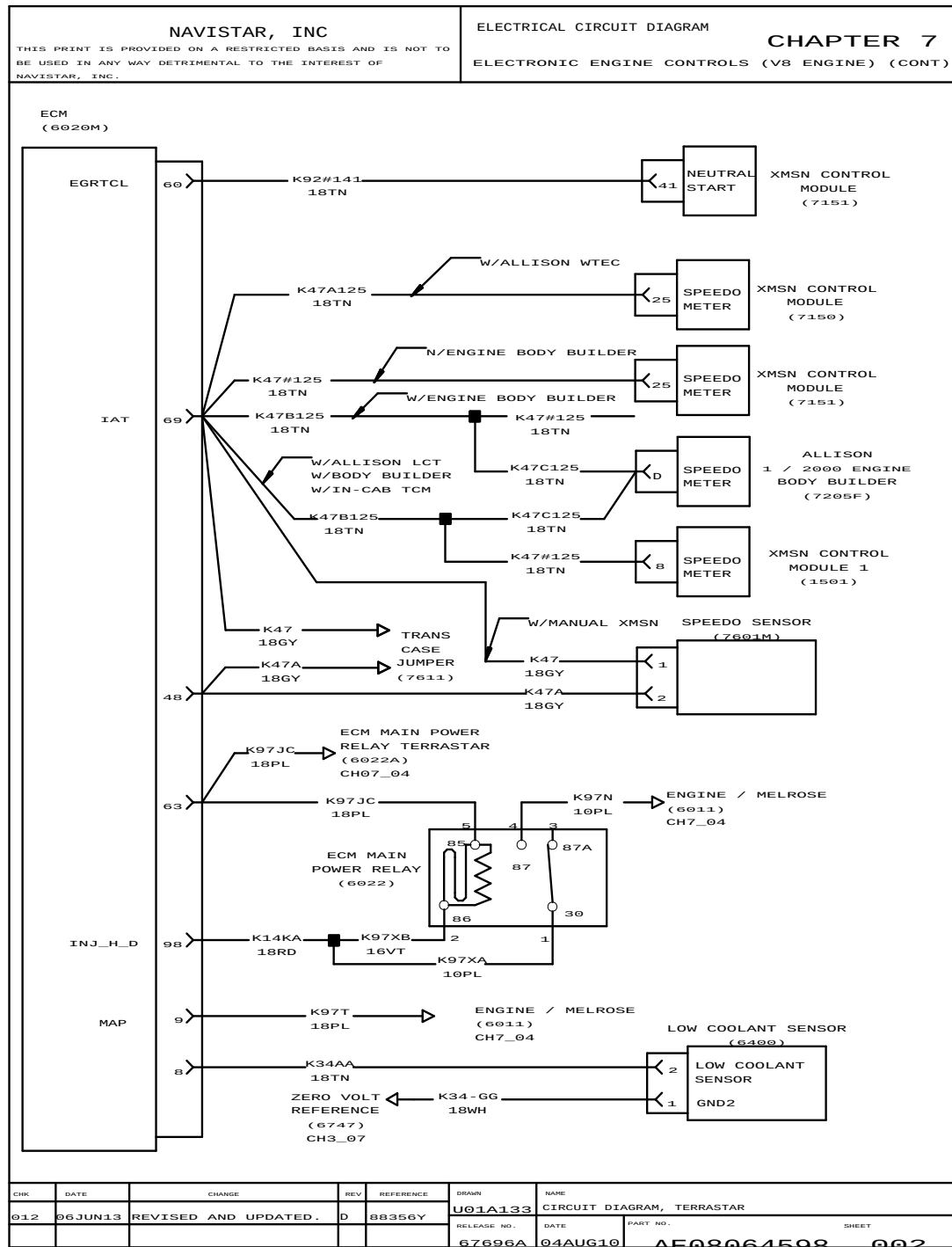


Figure 79 Electronic Engine Controls – V8 Engine (Cont.)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 7.3. ELECTRONIC ENGINE CONTROLS – V8 ENGINE (CONT.), P. 3

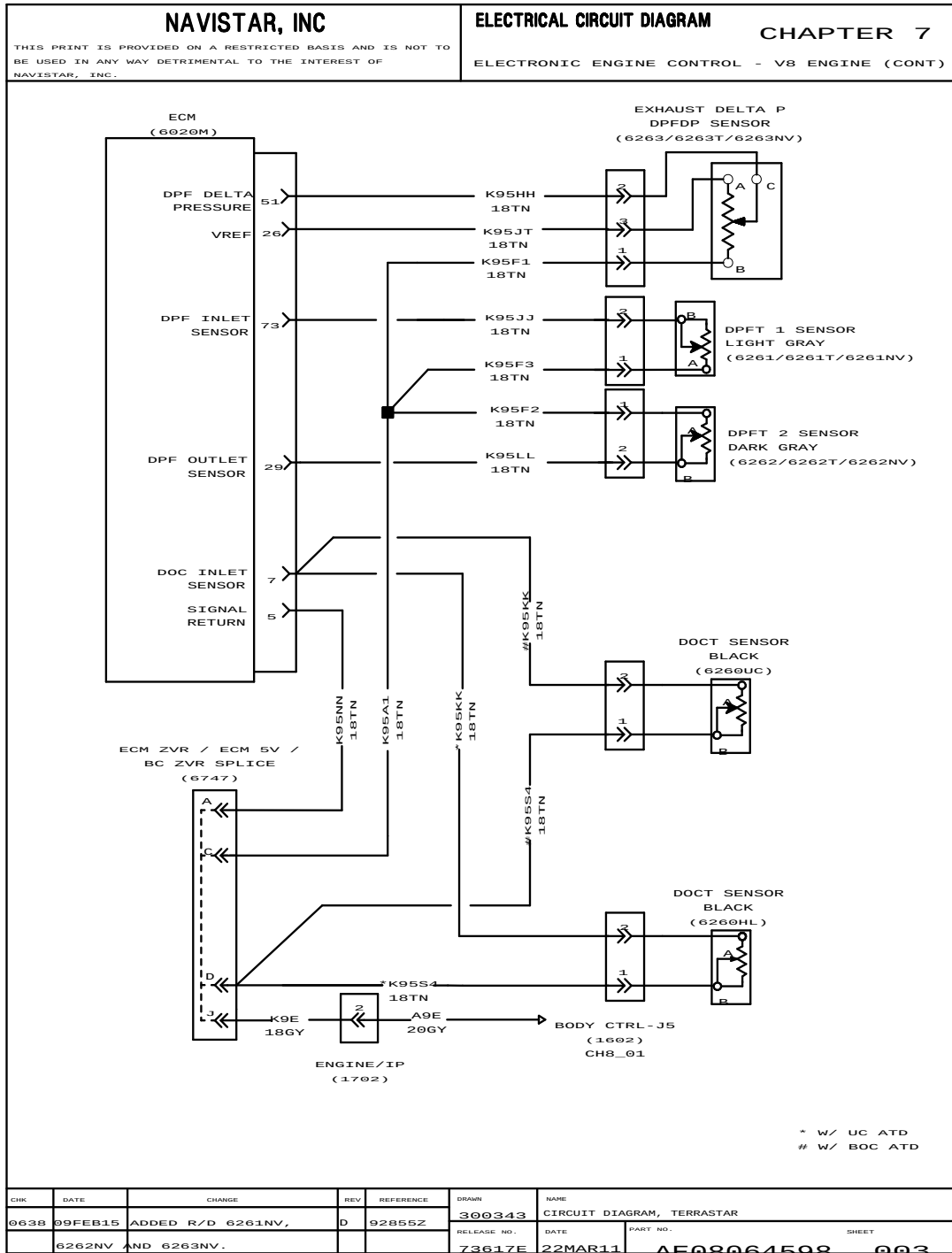


Figure 80 Electronic Engine Controls – V8 Engine (Cont.)



## 7.4. ELECTRONIC ENGINE CONTROLS – V8 ENGINE (CONT.), P. 3

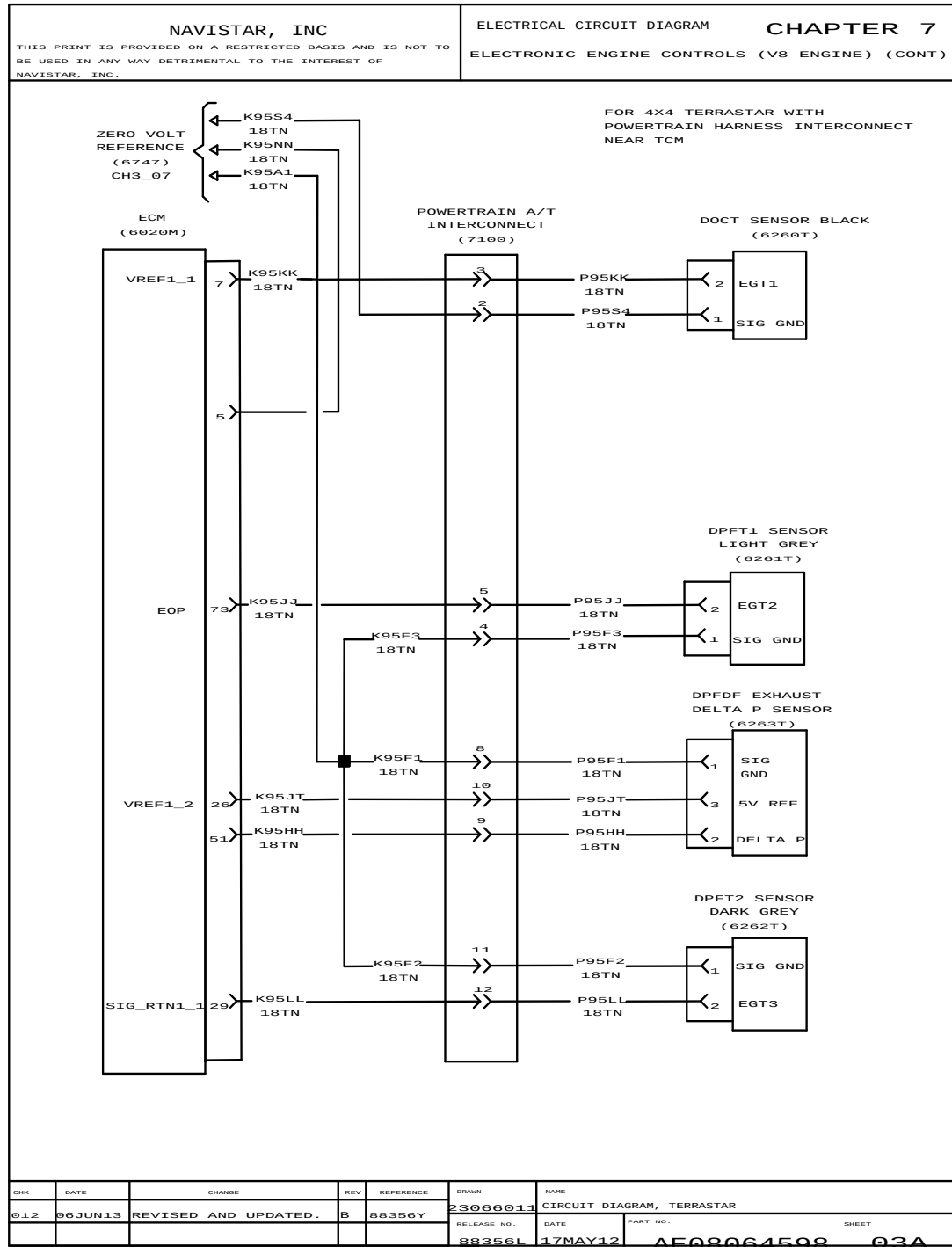


Figure 81 Electronic Engine Controls – V8 Engine (Cont.)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 7.5. ELECTRONIC ENGINE CONTROLS – V8 ENGINE (CONT.), P. 4

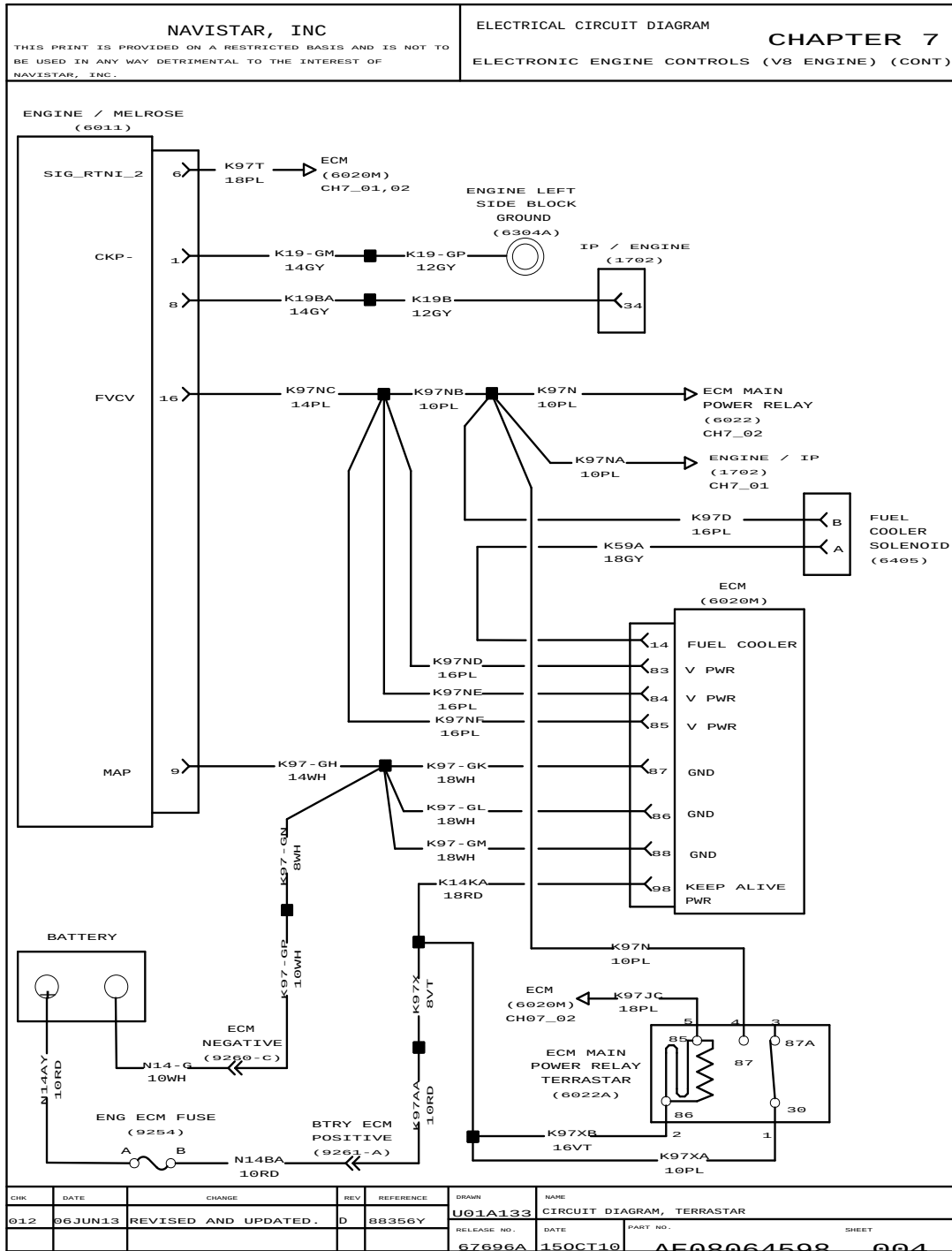


Figure 82 Electronic Engine Controls – V8 Engine (Cont.)

## 7.6. ELECTRONIC ENGINE CONTROLS – V8 ENGINE CRUISE CONTROLS, P. 5

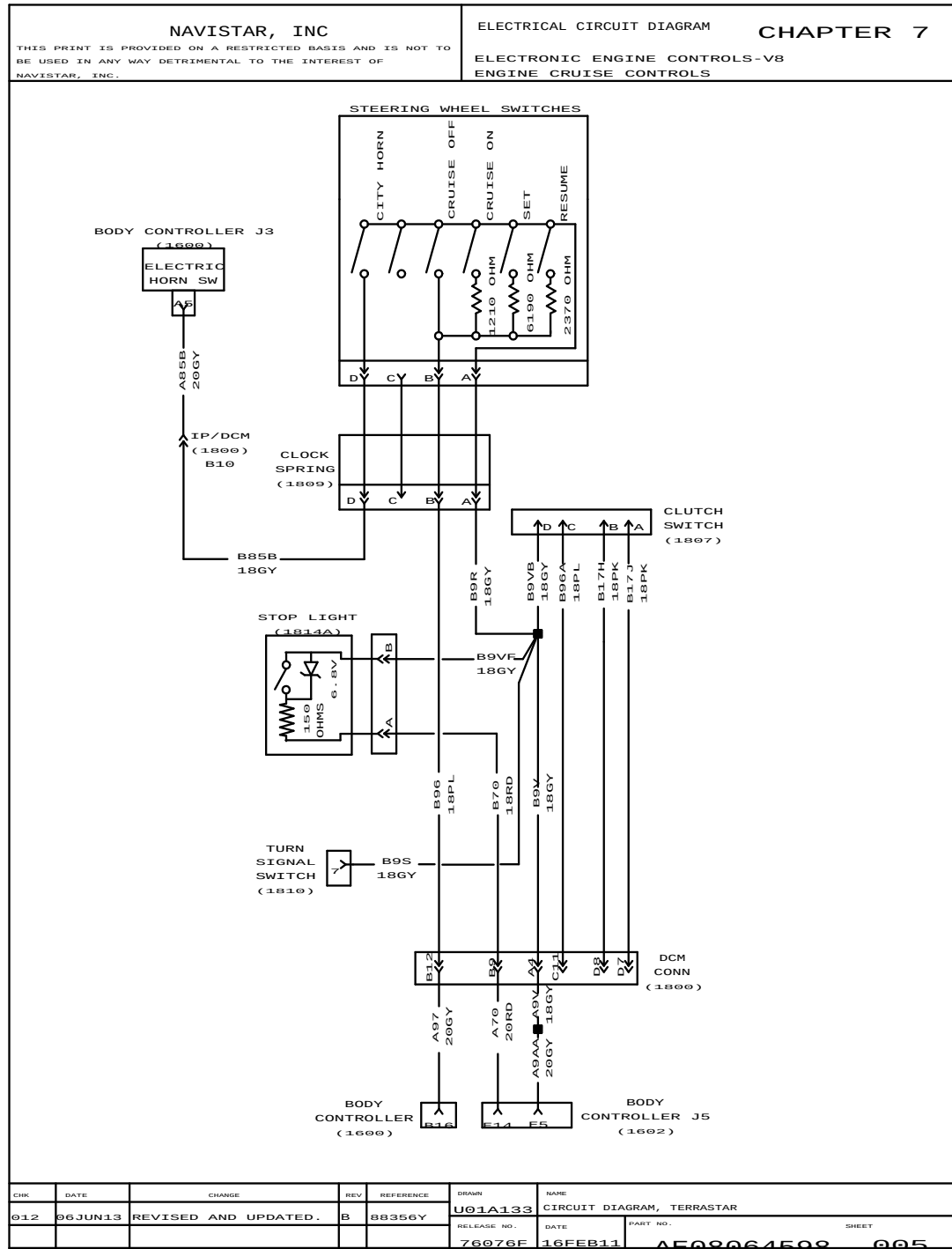
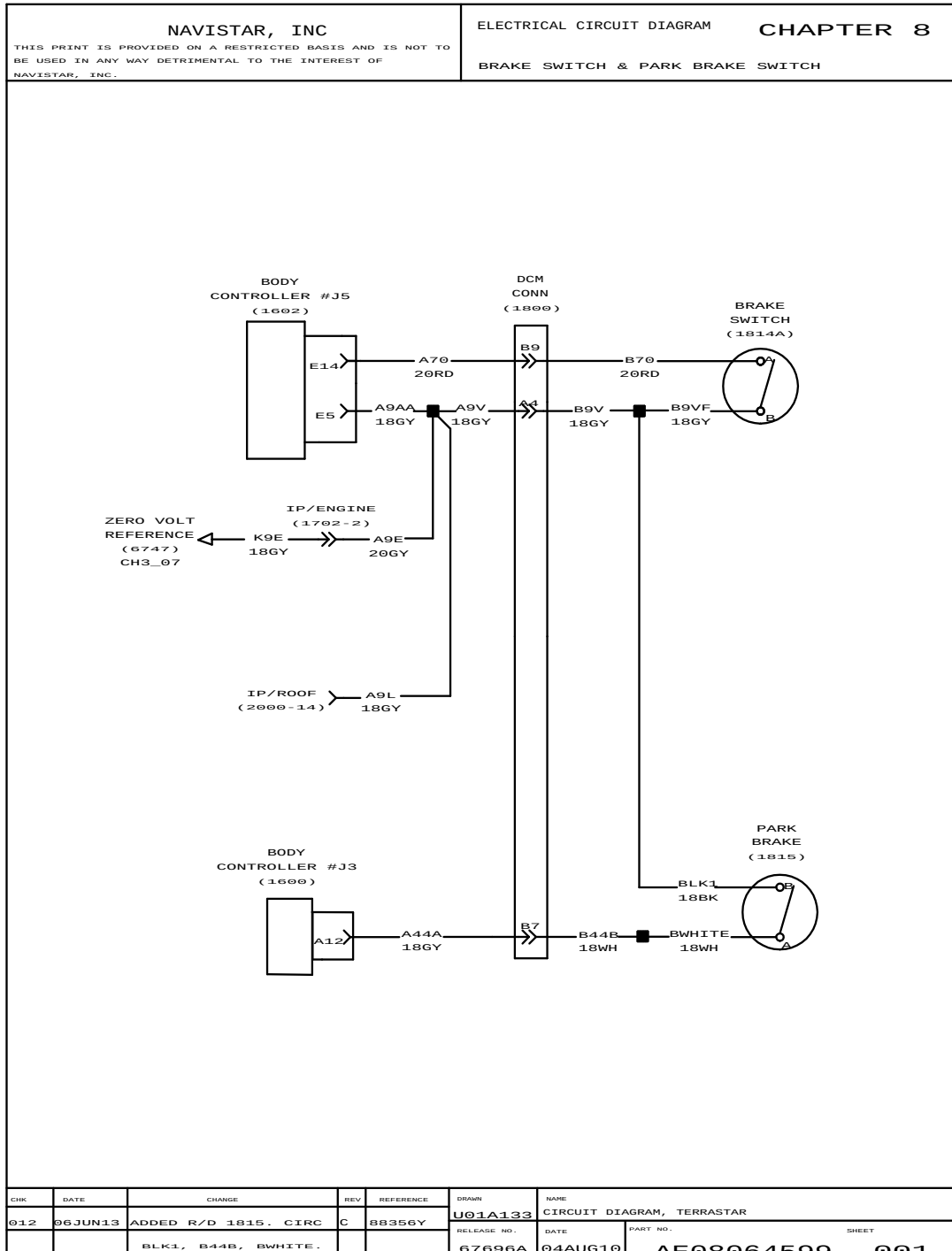


Figure 83 Electronic Engine Controls – V8 Engine Cruise Controls

# ELECTRICAL CIRCUIT DIAGRAM MANUAL

## GAUGES WITH AND WITHOUT INTERNAL WARNING LIGHT (CHAPTER 8)

### 8.1. BRAKE SWITCH AND PARK BRAKE SWITCH, P. 1



**Figure 84 Brake Switch and Park Brake Switch**

## 8.2. GAUGES AND WARNING LIGHTS – AMMETER, P. 2

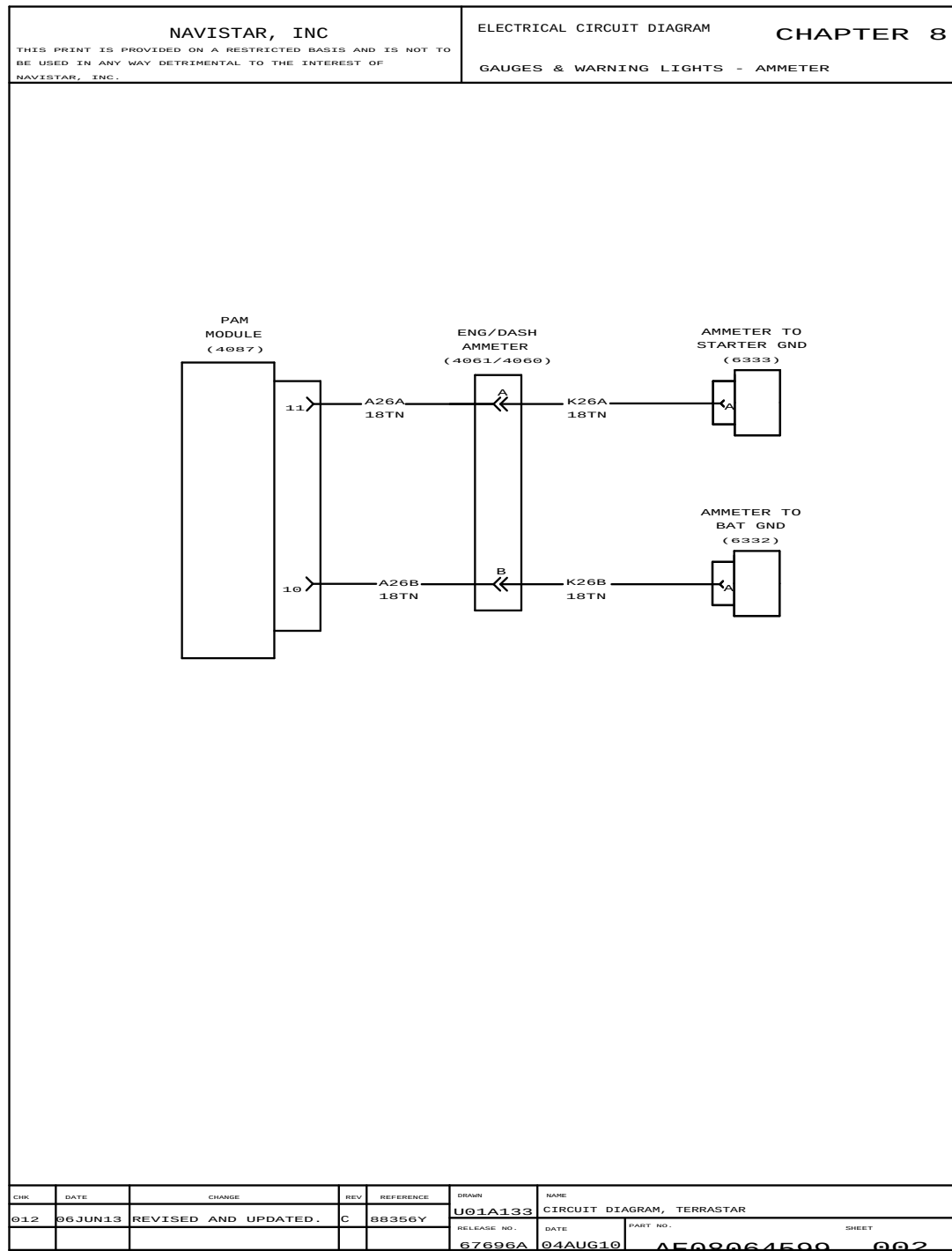


Figure 85 Gauges and Warning Lights – Ammeter

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 8.3. INTENTIONALLY LEFT BLANK, P. 3

|                                                                                                                                                                    |         |                   |     |                                                                                |             |                            |                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------|-----|--------------------------------------------------------------------------------|-------------|----------------------------|----------------|
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| INTENTIONALLY<br>LEFT BLANK                                                                                                                                        |         |                   |     |                                                                                |             |                            |                |
| CHK                                                                                                                                                                | DATE    | CHANGE            | REV | REFERENCE                                                                      | DRAWN       | NAME                       |                |
| CNA1                                                                                                                                                               | 25MAR11 | REMOVED GEOMETRY. | B   | 76076F                                                                         | U01A133     | CIRCUIT DIAGRAM, TERRASTAR |                |
|                                                                                                                                                                    |         |                   |     |                                                                                | RELEASE NO. | DATE                       | PART NO.       |
|                                                                                                                                                                    |         |                   |     |                                                                                | 67696A      | 04AUG10                    | AE08064599 003 |

Figure 86 Intentionally Left Blank

## 8.4. AIR PRESSURE INPUT CIRCUIT, P. 4

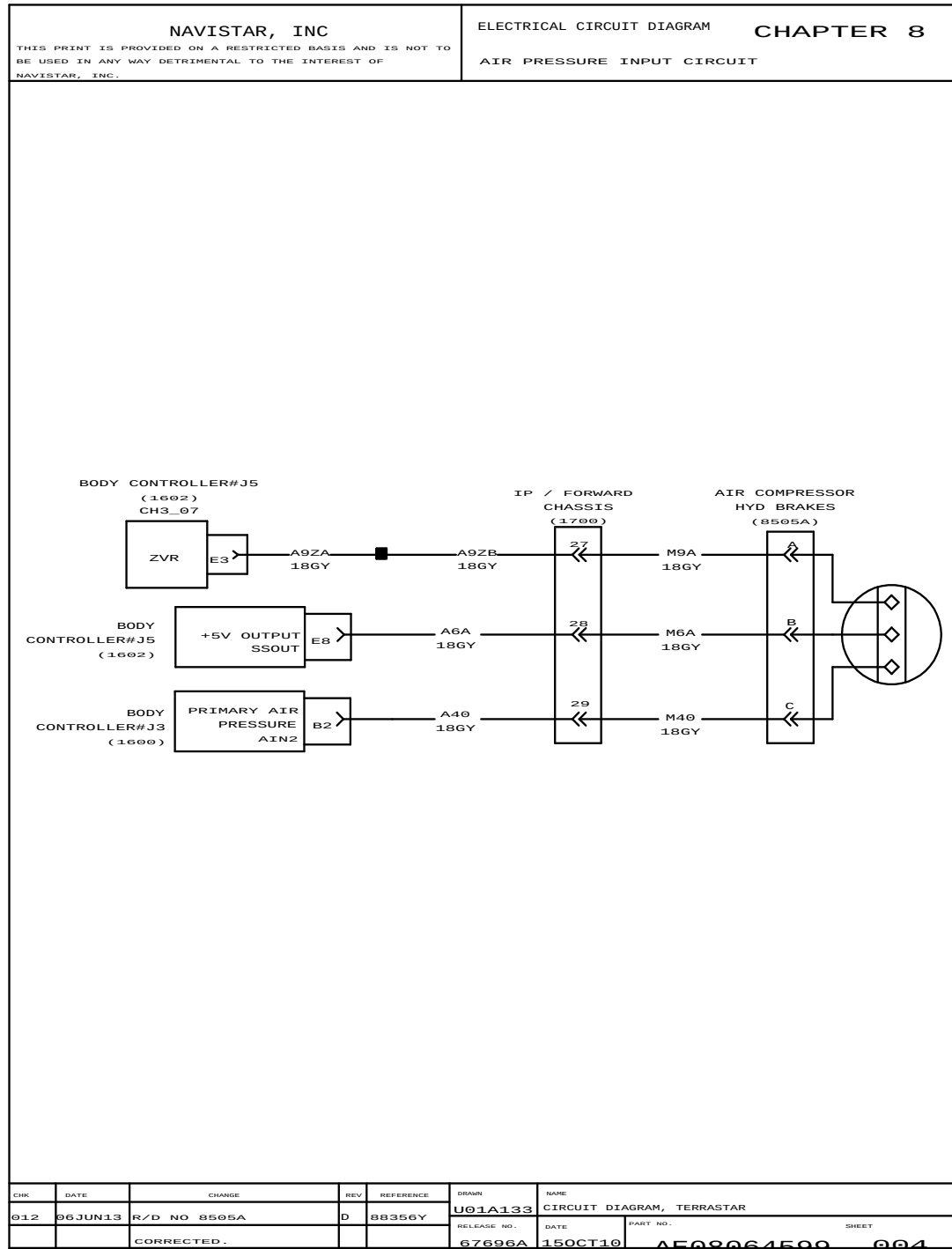


Figure 87 Air Pressure Input Circuit

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 8.5. IP GAUGES AND WARNING LIGHTS – GAUGE CLUSTER, P. 5

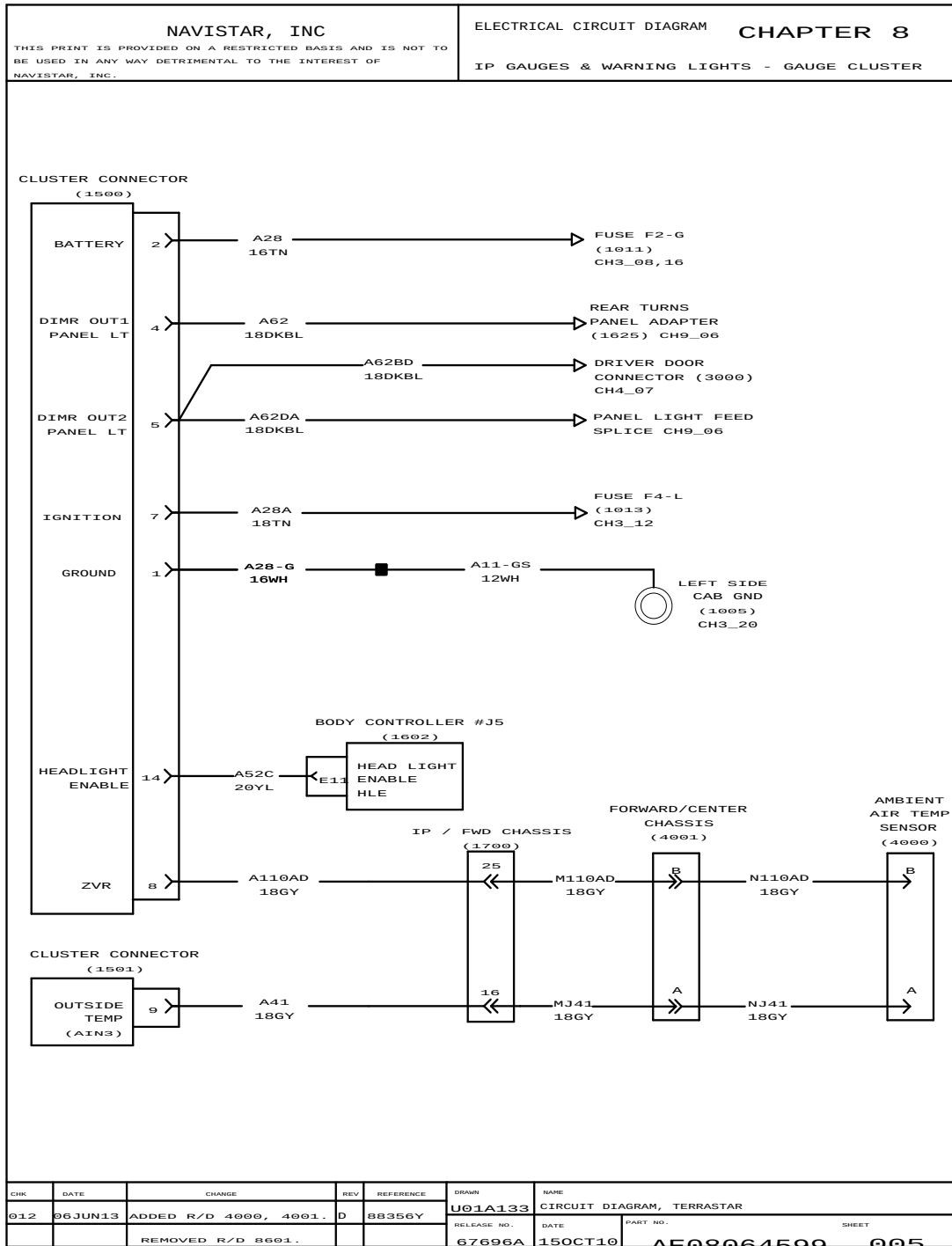


Figure 88 IP Gauges and Warning Lights – Gauge Cluster



## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 8.6. IP / GAUGES, P. 6

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------------------------------------|---------------------|----------------------------------------------------------------------|-------------|----------------------------|----------------|-------|------------|-------------|-----------------|------------|----|--------------------------------------------|--------|---------------|----|--------------------------------------------|--------------|------|-----|--------------------------------------------|-----------|------|-----|--------------------------------------------|---|--------------|-----|--------------------------------------------|---------------------|--------------|-----|--------------------------------------------|-------------------|--------------|-----|--------------------------------------------|--------|----------------|-----|--------------------------------------------|--------|------------|-----|--------------------------------------------|--------|--------------|-----|--------------------------------------------|--------------|-----------------|----|--------------------------------------------|-------------|----------------|-----|--------------------------------------------|------|
| INSTRUMENT PANEL GAUGES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |                                            |                     |                                                                      |             |                            |                |       |            |             |                 |            |    |                                            |        |               |    |                                            |              |      |     |                                            |           |      |     |                                            |   |              |     |                                            |                     |              |     |                                            |                   |              |     |                                            |        |                |     |                                            |        |            |     |                                            |        |              |     |                                            |              |                 |    |                                            |             |                |     |                                            |      |
| <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>GAUGE</th> <th>WARN LIGHT</th> <th>SIGNAL PATH</th> <th>SENSOR LOCATION</th> </tr> </thead> <tbody> <tr> <td>RPM (TACH)</td> <td>NO</td> <td>ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>ENGINE</td> </tr> <tr> <td>MPH/KPH (SPD)</td> <td>NO</td> <td>ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>TRANSMISSION</td> </tr> <tr> <td>FUEL</td> <td>YES</td> <td>SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>FUEL TANK</td> </tr> <tr> <td>VOLT</td> <td>YES</td> <td>SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>-</td> </tr> <tr> <td>AIR 1 (PRES)</td> <td>YES</td> <td>SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>INSIDE CAB-DASH PNL</td> </tr> <tr> <td>AIR 2 (PRES)</td> <td>YES</td> <td>SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>STEERING COL AREA</td> </tr> <tr> <td>WATER (TEMP)</td> <td>YES</td> <td>ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>ENGINE</td> </tr> <tr> <td>ENG OIL (TEMP)</td> <td>YES</td> <td>ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>ENGINE</td> </tr> <tr> <td>OIL (PRES)</td> <td>YES</td> <td>ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>ENGINE</td> </tr> <tr> <td>TRANS (TEMP)</td> <td>YES</td> <td>SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>TRANSMISSION</td> </tr> <tr> <td>AIR APPLICATION</td> <td>NO</td> <td>SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>FWD CHASSIS</td> </tr> <tr> <td>REAR AXLE TEMP</td> <td>YES</td> <td>SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>AXLE</td> </tr> </tbody> </table> |            |                                            |                     |                                                                      |             |                            |                | GAUGE | WARN LIGHT | SIGNAL PATH | SENSOR LOCATION | RPM (TACH) | NO | ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER | ENGINE | MPH/KPH (SPD) | NO | ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER | TRANSMISSION | FUEL | YES | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER | FUEL TANK | VOLT | YES | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER | - | AIR 1 (PRES) | YES | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER | INSIDE CAB-DASH PNL | AIR 2 (PRES) | YES | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER | STEERING COL AREA | WATER (TEMP) | YES | ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER | ENGINE | ENG OIL (TEMP) | YES | ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER | ENGINE | OIL (PRES) | YES | ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER | ENGINE | TRANS (TEMP) | YES | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER | TRANSMISSION | AIR APPLICATION | NO | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER | FWD CHASSIS | REAR AXLE TEMP | YES | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER | AXLE |
| GAUGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | WARN LIGHT | SIGNAL PATH                                | SENSOR LOCATION     |                                                                      |             |                            |                |       |            |             |                 |            |    |                                            |        |               |    |                                            |              |      |     |                                            |           |      |     |                                            |   |              |     |                                            |                     |              |     |                                            |                   |              |     |                                            |        |                |     |                                            |        |            |     |                                            |        |              |     |                                            |              |                 |    |                                            |             |                |     |                                            |      |
| RPM (TACH)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | NO         | ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER | ENGINE              |                                                                      |             |                            |                |       |            |             |                 |            |    |                                            |        |               |    |                                            |              |      |     |                                            |           |      |     |                                            |   |              |     |                                            |                     |              |     |                                            |                   |              |     |                                            |        |                |     |                                            |        |            |     |                                            |        |              |     |                                            |              |                 |    |                                            |             |                |     |                                            |      |
| MPH/KPH (SPD)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | NO         | ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER | TRANSMISSION        |                                                                      |             |                            |                |       |            |             |                 |            |    |                                            |        |               |    |                                            |              |      |     |                                            |           |      |     |                                            |   |              |     |                                            |                     |              |     |                                            |                   |              |     |                                            |        |                |     |                                            |        |            |     |                                            |        |              |     |                                            |              |                 |    |                                            |             |                |     |                                            |      |
| FUEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | YES        | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER | FUEL TANK           |                                                                      |             |                            |                |       |            |             |                 |            |    |                                            |        |               |    |                                            |              |      |     |                                            |           |      |     |                                            |   |              |     |                                            |                     |              |     |                                            |                   |              |     |                                            |        |                |     |                                            |        |            |     |                                            |        |              |     |                                            |              |                 |    |                                            |             |                |     |                                            |      |
| VOLT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | YES        | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER | -                   |                                                                      |             |                            |                |       |            |             |                 |            |    |                                            |        |               |    |                                            |              |      |     |                                            |           |      |     |                                            |   |              |     |                                            |                     |              |     |                                            |                   |              |     |                                            |        |                |     |                                            |        |            |     |                                            |        |              |     |                                            |              |                 |    |                                            |             |                |     |                                            |      |
| AIR 1 (PRES)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | YES        | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER | INSIDE CAB-DASH PNL |                                                                      |             |                            |                |       |            |             |                 |            |    |                                            |        |               |    |                                            |              |      |     |                                            |           |      |     |                                            |   |              |     |                                            |                     |              |     |                                            |                   |              |     |                                            |        |                |     |                                            |        |            |     |                                            |        |              |     |                                            |              |                 |    |                                            |             |                |     |                                            |      |
| AIR 2 (PRES)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | YES        | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER | STEERING COL AREA   |                                                                      |             |                            |                |       |            |             |                 |            |    |                                            |        |               |    |                                            |              |      |     |                                            |           |      |     |                                            |   |              |     |                                            |                     |              |     |                                            |                   |              |     |                                            |        |                |     |                                            |        |            |     |                                            |        |              |     |                                            |              |                 |    |                                            |             |                |     |                                            |      |
| WATER (TEMP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | YES        | ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER | ENGINE              |                                                                      |             |                            |                |       |            |             |                 |            |    |                                            |        |               |    |                                            |              |      |     |                                            |           |      |     |                                            |   |              |     |                                            |                     |              |     |                                            |                   |              |     |                                            |        |                |     |                                            |        |            |     |                                            |        |              |     |                                            |              |                 |    |                                            |             |                |     |                                            |      |
| ENG OIL (TEMP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | YES        | ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER | ENGINE              |                                                                      |             |                            |                |       |            |             |                 |            |    |                                            |        |               |    |                                            |              |      |     |                                            |           |      |     |                                            |   |              |     |                                            |                     |              |     |                                            |                   |              |     |                                            |        |                |     |                                            |        |            |     |                                            |        |              |     |                                            |              |                 |    |                                            |             |                |     |                                            |      |
| OIL (PRES)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | YES        | ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER | ENGINE              |                                                                      |             |                            |                |       |            |             |                 |            |    |                                            |        |               |    |                                            |              |      |     |                                            |           |      |     |                                            |   |              |     |                                            |                     |              |     |                                            |                   |              |     |                                            |        |                |     |                                            |        |            |     |                                            |        |              |     |                                            |              |                 |    |                                            |             |                |     |                                            |      |
| TRANS (TEMP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | YES        | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER | TRANSMISSION        |                                                                      |             |                            |                |       |            |             |                 |            |    |                                            |        |               |    |                                            |              |      |     |                                            |           |      |     |                                            |   |              |     |                                            |                     |              |     |                                            |                   |              |     |                                            |        |                |     |                                            |        |            |     |                                            |        |              |     |                                            |              |                 |    |                                            |             |                |     |                                            |      |
| AIR APPLICATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | NO         | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER | FWD CHASSIS         |                                                                      |             |                            |                |       |            |             |                 |            |    |                                            |        |               |    |                                            |              |      |     |                                            |           |      |     |                                            |   |              |     |                                            |                     |              |     |                                            |                   |              |     |                                            |        |                |     |                                            |        |            |     |                                            |        |              |     |                                            |              |                 |    |                                            |             |                |     |                                            |      |
| REAR AXLE TEMP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | YES        | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER | AXLE                |                                                                      |             |                            |                |       |            |             |                 |            |    |                                            |        |               |    |                                            |              |      |     |                                            |           |      |     |                                            |   |              |     |                                            |                     |              |     |                                            |                   |              |     |                                            |        |                |     |                                            |        |            |     |                                            |        |              |     |                                            |              |                 |    |                                            |             |                |     |                                            |      |
| NOTES:<br>1. WARNING LIGHTS ARE PART OF THE GAUGES AND ARE LOCATED IN THE GAUGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            |                                            |                     |                                                                      |             |                            |                |       |            |             |                 |            |    |                                            |        |               |    |                                            |              |      |     |                                            |           |      |     |                                            |   |              |     |                                            |                     |              |     |                                            |                   |              |     |                                            |        |                |     |                                            |        |            |     |                                            |        |              |     |                                            |              |                 |    |                                            |             |                |     |                                            |      |
| CHK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | DATE       | CHANGE                                     | REV                 | REFERENCE                                                            | DRAWN       | NAME                       |                |       |            |             |                 |            |    |                                            |        |               |    |                                            |              |      |     |                                            |           |      |     |                                            |   |              |     |                                            |                     |              |     |                                            |                   |              |     |                                            |        |                |     |                                            |        |            |     |                                            |        |              |     |                                            |              |                 |    |                                            |             |                |     |                                            |      |
| CNA1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 26JUL11    | INITIAL RELEASE.                           | A                   | 80257V                                                               | U00KDD2     | CIRCUIT DIAGRAM, TERRASTAR |                |       |            |             |                 |            |    |                                            |        |               |    |                                            |              |      |     |                                            |           |      |     |                                            |   |              |     |                                            |                     |              |     |                                            |                   |              |     |                                            |        |                |     |                                            |        |            |     |                                            |        |              |     |                                            |              |                 |    |                                            |             |                |     |                                            |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            |                                            |                     |                                                                      | RELEASE NO. | DATE                       | PART NO.       |       |            |             |                 |            |    |                                            |        |               |    |                                            |              |      |     |                                            |           |      |     |                                            |   |              |     |                                            |                     |              |     |                                            |                   |              |     |                                            |        |                |     |                                            |        |            |     |                                            |        |              |     |                                            |              |                 |    |                                            |             |                |     |                                            |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            |                                            |                     |                                                                      | 80257V      | 24JUN11                    | AE08064599 006 |       |            |             |                 |            |    |                                            |        |               |    |                                            |              |      |     |                                            |           |      |     |                                            |   |              |     |                                            |                     |              |     |                                            |                   |              |     |                                            |        |                |     |                                            |        |            |     |                                            |        |              |     |                                            |              |                 |    |                                            |             |                |     |                                            |      |

Figure 89 IP / Gauges

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 8.7. WARNING LIGHTS LIST, P. 7

NAVISTAR, INC

THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 8

WARNING LIGHTS LIST

IP WARNING LIGHTS

| WARNING LIGHT TITLE | SIGNAL PATH                                   | SENSOR LOCATION |
|---------------------|-----------------------------------------------|-----------------|
| RANGE INHIBITED     | TRANS CTRLR / DRIVE TRAIN J1939 / CLUSTER     |                 |
| FUEL FILTER         | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER    | FUEL FILTER     |
| ENGINE (YELLOW LED) | ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER    |                 |
| ENGINE (RED LED)    | ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER    |                 |
| BRAKE PRESSURE (O)  | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER    | SWITCH          |
| BRAKE FLUID         | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER    | BRK RESERVOIR   |
| TRAC CTRL           | TRUCK ABS CTRLR / DRIVE TRAIN J1939 / CLUSTER |                 |
| CHECK TRANS         | TRANS CTRLR / DRIVE TRAIN J1939 / CLUSTER     |                 |
| TRAILER ABS         | TRLR ABS CTRLR / DRIVE TRAIN J1939 / CLUSTER  |                 |
| WASHER FLUID        | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER    | WASHER BOTTLE   |
| (LEFT TURN)         | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER    | TURN SIG SW     |
| AIR BAG             | DISCRETE NOT ON DATA BUS                      |                 |
| WATER IN FUEL       | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER    | FUEL FILTER     |
| COOLANT LEVEL       | ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER    | SURGE TANK      |
| CHECK ELECT SYS     | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER    |                 |
| PARK (P)            | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER    | SWITCH          |
| CRUISE              | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER    |                 |
| ABS                 | TRUCK CTRLR / DRIVE TRAIN J1939 / CLUSTER     |                 |
| (RIGHT TURN)        | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER    |                 |
| WAIT TO START       | ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER    |                 |
| FASTEN BELTS        | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER    |                 |
| (HIGH BEAM IND)     | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER    |                 |
| COLD AMB PROT       | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER    |                 |
| RETARD OVERHEAT     | TRANS CTRLR / DRIVE TRAIN J1939 / CLUSTER     | TRANSMISSION    |
| CHECK AC            | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER    |                 |
| AUTO NEUTRAL        | DISCRETE NOT ON DATA BUS                      | SWITCH          |
| ALTERNATOR          | DISCRETE NOT ON DATA BUS                      |                 |
| PTO/THROTTLE        | SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER    |                 |
| OPTIMIZED IDLE      | DISCRETE NOT ON DATA BUS                      |                 |
| SNOW VALVE          | DISCRETE NOT ON DATA BUS                      | SNOW VALVE      |
| FR AXLE DIFF LOCK   | DISCRETE NOT ON DATA BUS                      | FWD RR AXLE     |
| RR AXLE DIFF LOCK   | DISCRETE NOT ON DATA BUS                      | RR RR AXLE      |
| MESSAGE WAIT        | DISCRETE NOT ON DATA BUS                      |                 |
| PTO                 | DISCRETE NOT ON DATA BUS                      |                 |
| CONVERTER TEMP      | DISCRETE NOT ON DATA BUS                      |                 |
| TOUCH LOC RELEASE   | DISCRETE NOT ON DATA BUS                      |                 |
| PARK FLUID          | SYSTEM CTRLR/DRIVE TRAIN                      |                 |
| FR AXLE ENGAGED     | DISCRETE NOT ON DATA BUS                      | TRANSFER CASE   |

| CHK  | DATE    | CHANGE           | REV | REFERENCE | DRAWN       | NAME                       |
|------|---------|------------------|-----|-----------|-------------|----------------------------|
| CNA1 | 26JUL11 | INITIAL RELEASE. | A   | 80257V    | U00KDD2     | CIRCUIT DIAGRAM, TERRASTAR |
|      |         |                  |     |           | RELEASE NO. | DATE                       |
|      |         |                  |     |           | 80257V      | 24JUN11                    |
|      |         |                  |     |           |             | PART NO.                   |
|      |         |                  |     |           |             | AE08064599                 |
|      |         |                  |     |           |             | SHEET                      |
|      |         |                  |     |           |             | 007                        |

Figure 90 Warning Lights List

## 8.8. WARNING LIGHTS CONTROLLING BY ENGINE, TRANSMISSION, ABS CONTROLLER, P. 8

| <b>NAVISTAR, INC</b><br><small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>                                                                                                                                                                                                                                                                                                                                                                               | <b>ELECTRICAL CIRCUIT CHAPTER 8</b><br><b>WARNING LIGHTS CONTROLLED BY ENGINE, TRANSMISSION, ABS CONTROLLER</b> |                  |        |           |             |                            |      |      |         |                  |   |        |         |                            |  |  |  |  |  |             |      |  |  |  |  |  |        |         |                                                                                                                                                                     |          |       |            |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------|--------|-----------|-------------|----------------------------|------|------|---------|------------------|---|--------|---------|----------------------------|--|--|--|--|--|-------------|------|--|--|--|--|--|--------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|------------|-----|
| <p style="text-align: center;">THE FOLLOWING WARNING LIGHTS ARE CONTROLLED BY THE ENGINE, TRANSMISSION, OR ABS CONTROLLER OVER THE DATA BUS AND DO NOT HAVE INDEPENDENT CIRCUITS THAT CAN BE OR NEEDS TO BE SHOWN:</p> <p>DO NOT SHIFT</p> <p>ENGINE (YELLOW LENS)</p> <p>ENGINE (RED LENS)</p> <p>TRAC CTRL</p> <p>CHECK TRANS</p> <p>TRAILER ABS</p> <p>CHECK ELECTR SYS</p> <p>ABS</p> <p>WAIT TO START</p> <p>RETARD OVERHEAT</p> <p>AUTO NEUTRAL</p> <p>OPTIMIZED IDLE</p>                                                                  |                                                                                                                 |                  |        |           |             |                            |      |      |         |                  |   |        |         |                            |  |  |  |  |  |             |      |  |  |  |  |  |        |         |                                                                                                                                                                     |          |       |            |     |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> <tr> <td>CNA1</td> <td>26JUL11</td> <td>INITIAL RELEASE.</td> <td>A</td> <td>80257V</td> <td>U00KDD2</td> <td>CIRCUIT DIAGRAM, TERRASTAR</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>RELEASE NO.</td> <td>DATE</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>80257V</td> <td>24JUN11</td> </tr> </table> | CHK                                                                                                             | DATE             | CHANGE | REV       | REFERENCE   | DRAWN                      | NAME | CNA1 | 26JUL11 | INITIAL RELEASE. | A | 80257V | U00KDD2 | CIRCUIT DIAGRAM, TERRASTAR |  |  |  |  |  | RELEASE NO. | DATE |  |  |  |  |  | 80257V | 24JUN11 | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>PART NO.</th> <th>SHEET</th> </tr> <tr> <td>AE08064500</td> <td>008</td> </tr> </table> | PART NO. | SHEET | AE08064500 | 008 |
| CHK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | DATE                                                                                                            | CHANGE           | REV    | REFERENCE | DRAWN       | NAME                       |      |      |         |                  |   |        |         |                            |  |  |  |  |  |             |      |  |  |  |  |  |        |         |                                                                                                                                                                     |          |       |            |     |
| CNA1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 26JUL11                                                                                                         | INITIAL RELEASE. | A      | 80257V    | U00KDD2     | CIRCUIT DIAGRAM, TERRASTAR |      |      |         |                  |   |        |         |                            |  |  |  |  |  |             |      |  |  |  |  |  |        |         |                                                                                                                                                                     |          |       |            |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                 |                  |        |           | RELEASE NO. | DATE                       |      |      |         |                  |   |        |         |                            |  |  |  |  |  |             |      |  |  |  |  |  |        |         |                                                                                                                                                                     |          |       |            |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                 |                  |        |           | 80257V      | 24JUN11                    |      |      |         |                  |   |        |         |                            |  |  |  |  |  |             |      |  |  |  |  |  |        |         |                                                                                                                                                                     |          |       |            |     |
| PART NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SHEET                                                                                                           |                  |        |           |             |                            |      |      |         |                  |   |        |         |                            |  |  |  |  |  |             |      |  |  |  |  |  |        |         |                                                                                                                                                                     |          |       |            |     |
| AE08064500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 008                                                                                                             |                  |        |           |             |                            |      |      |         |                  |   |        |         |                            |  |  |  |  |  |             |      |  |  |  |  |  |        |         |                                                                                                                                                                     |          |       |            |     |

**Figure 91 Warning Lights Controlling by Engine, Transmission, ABS Controller**

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 8.9. ENGINE OIL PRESS &amp; TEMP, SPEEDOMETER, TACH, VOLTMETER &amp; WATER TEMP GAUGE CIRCUITS, P. 9

| <p style="text-align: center;"><b>NAVISTAR, INC</b></p> <p style="font-size: small;">THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>                                                                                                                                                                                                                                                                                                                                                                                                                           | <p style="text-align: center;"><b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 8</b></p> <p style="text-align: center;"><b>ENG OIL PRESS &amp; TEMP, SPEEDOMETER, TACH, VOLTMETER &amp; WATER TEMP GAUGE CIRCUITS</b></p> |                  |        |           |           |      |         |                  |   |        |                                                                                                                                                                                     |       |      |         |                            |                                                                                                                                                                                                                                         |             |      |          |       |        |         |            |     |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------|-----------|-----------|------|---------|------------------|---|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|---------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------|----------|-------|--------|---------|------------|-----|--|
| <p style="text-align: center; font-size: small;">REFER TO CONSOLIDATED ENGINE / VEHICLE CONTROLLER DIAGNOSTICS MANUAL EGES-175 (DT466E), EGES-190 (T444E), FOR CIRCUIT DIAGRAMS SHOWING INPUT CIRCUIT FOR THE FOLLOWING DATALINK DRIVEN SYSTEM:</p> <p style="text-align: center; font-size: small;">ENGINE OIL PRESSURE GAUGE</p> <p style="text-align: center; font-size: small;">ENGINE OIL TEMPERATURE GAUGE</p> <p style="text-align: center; font-size: small;">SPEEDOMETER GAUGE</p> <p style="text-align: center; font-size: small;">TACHOMETER GAUGE</p> <p style="text-align: center; font-size: small;">WATER TEMPERATURE GAUGE</p> |                                                                                                                                                                                                                 |                  |        |           |           |      |         |                  |   |        |                                                                                                                                                                                     |       |      |         |                            |                                                                                                                                                                                                                                         |             |      |          |       |        |         |            |     |  |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> </tr> <tr> <td>CNA1</td> <td>26JUL11</td> <td>INITIAL RELEASE.</td> <td>A</td> <td>80257V</td> </tr> </table>                                                                                                                                                                                                                                                                                                                                                                               | CHK                                                                                                                                                                                                             | DATE             | CHANGE | REV       | REFERENCE | CNA1 | 26JUL11 | INITIAL RELEASE. | A | 80257V | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>DRAWN</th> <th>NAME</th> </tr> <tr> <td>U00KDD2</td> <td>CIRCUIT DIAGRAM, TERRASTAR</td> </tr> </table> | DRAWN | NAME | U00KDD2 | CIRCUIT DIAGRAM, TERRASTAR | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>RELEASE NO.</th> <th>DATE</th> <th>PART NO.</th> <th>SHEET</th> </tr> <tr> <td>80257V</td> <td>21JUL11</td> <td>AE08064500</td> <td>009</td> </tr> </table> | RELEASE NO. | DATE | PART NO. | SHEET | 80257V | 21JUL11 | AE08064500 | 009 |  |
| CHK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DATE                                                                                                                                                                                                            | CHANGE           | REV    | REFERENCE |           |      |         |                  |   |        |                                                                                                                                                                                     |       |      |         |                            |                                                                                                                                                                                                                                         |             |      |          |       |        |         |            |     |  |
| CNA1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 26JUL11                                                                                                                                                                                                         | INITIAL RELEASE. | A      | 80257V    |           |      |         |                  |   |        |                                                                                                                                                                                     |       |      |         |                            |                                                                                                                                                                                                                                         |             |      |          |       |        |         |            |     |  |
| DRAWN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | NAME                                                                                                                                                                                                            |                  |        |           |           |      |         |                  |   |        |                                                                                                                                                                                     |       |      |         |                            |                                                                                                                                                                                                                                         |             |      |          |       |        |         |            |     |  |
| U00KDD2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CIRCUIT DIAGRAM, TERRASTAR                                                                                                                                                                                      |                  |        |           |           |      |         |                  |   |        |                                                                                                                                                                                     |       |      |         |                            |                                                                                                                                                                                                                                         |             |      |          |       |        |         |            |     |  |
| RELEASE NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DATE                                                                                                                                                                                                            | PART NO.         | SHEET  |           |           |      |         |                  |   |        |                                                                                                                                                                                     |       |      |         |                            |                                                                                                                                                                                                                                         |             |      |          |       |        |         |            |     |  |
| 80257V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 21JUL11                                                                                                                                                                                                         | AE08064500       | 009    |           |           |      |         |                  |   |        |                                                                                                                                                                                     |       |      |         |                            |                                                                                                                                                                                                                                         |             |      |          |       |        |         |            |     |  |

Figure 92 Engine Oil Press &amp; Temp, Speedometer, Tach, Voltmeter &amp; Water Temp Gauge Circuits

## 8.10. FUEL GAUGE CIRCUITRY (SINGLE TANK AND DUAL TANK), P. 10

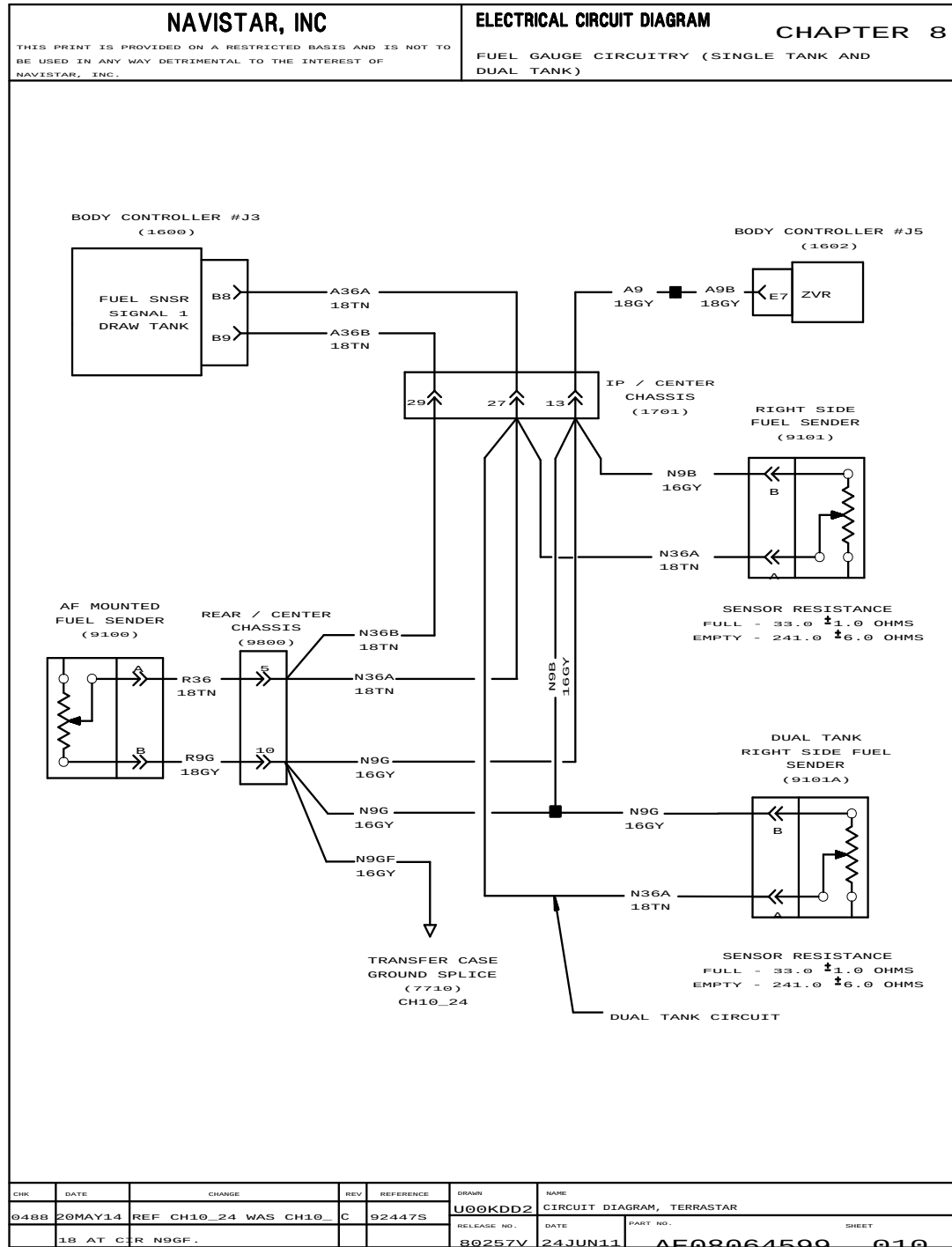


Figure 93 Fuel Gauge Circuitry (Single Tank and Dual Tank)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## LIGHTS (CHAPTER 9)

## 9.1. BACK-UP – WITH ALLISON TRANSMISSION, P. 1

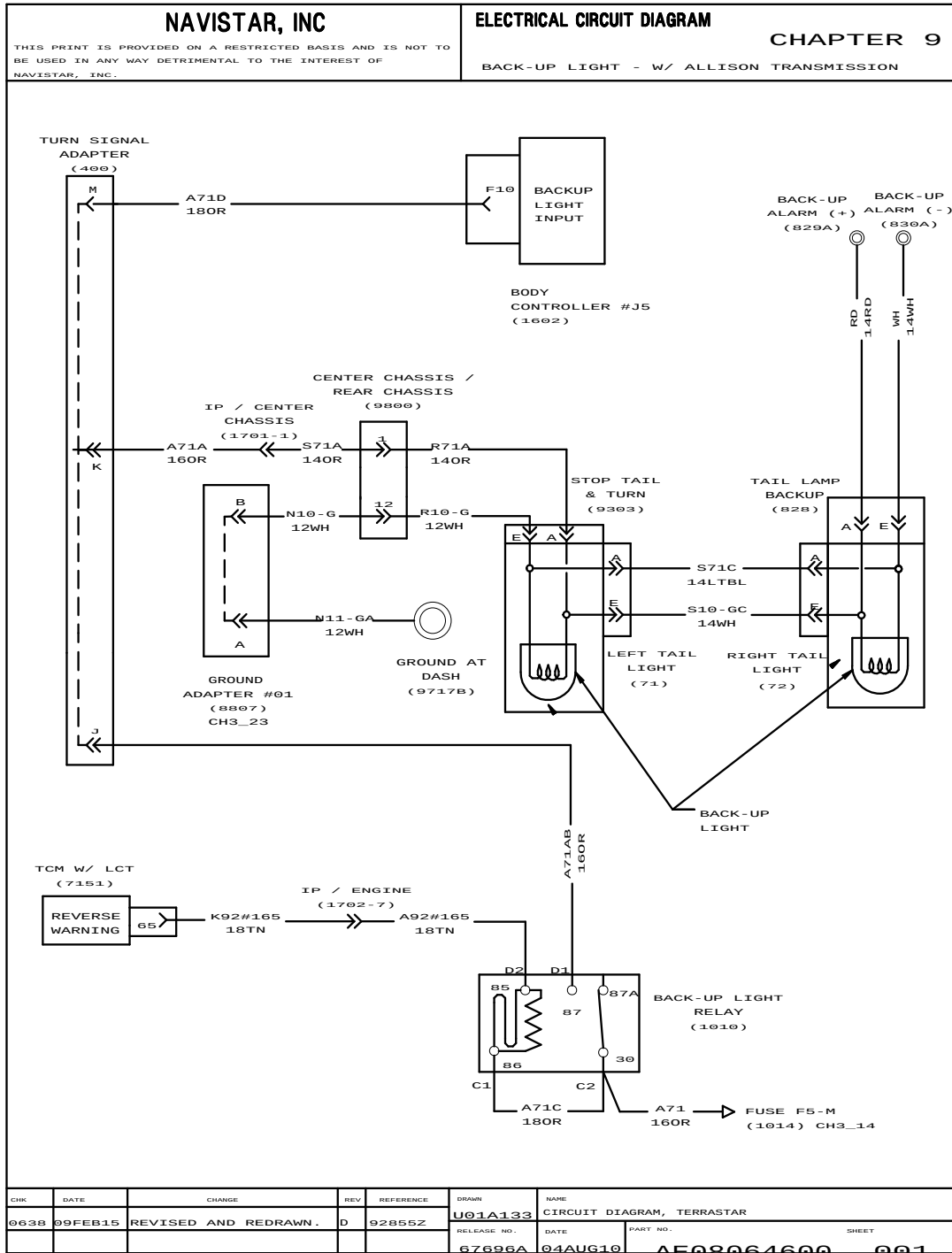


Figure 94 Back-Up – with Allison Transmission

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 9.2. LIGHT SYSTEM – CLEARANCE, MARKER, PARK, TAIL, TURN &amp; STOP LIGHTS, P. 2

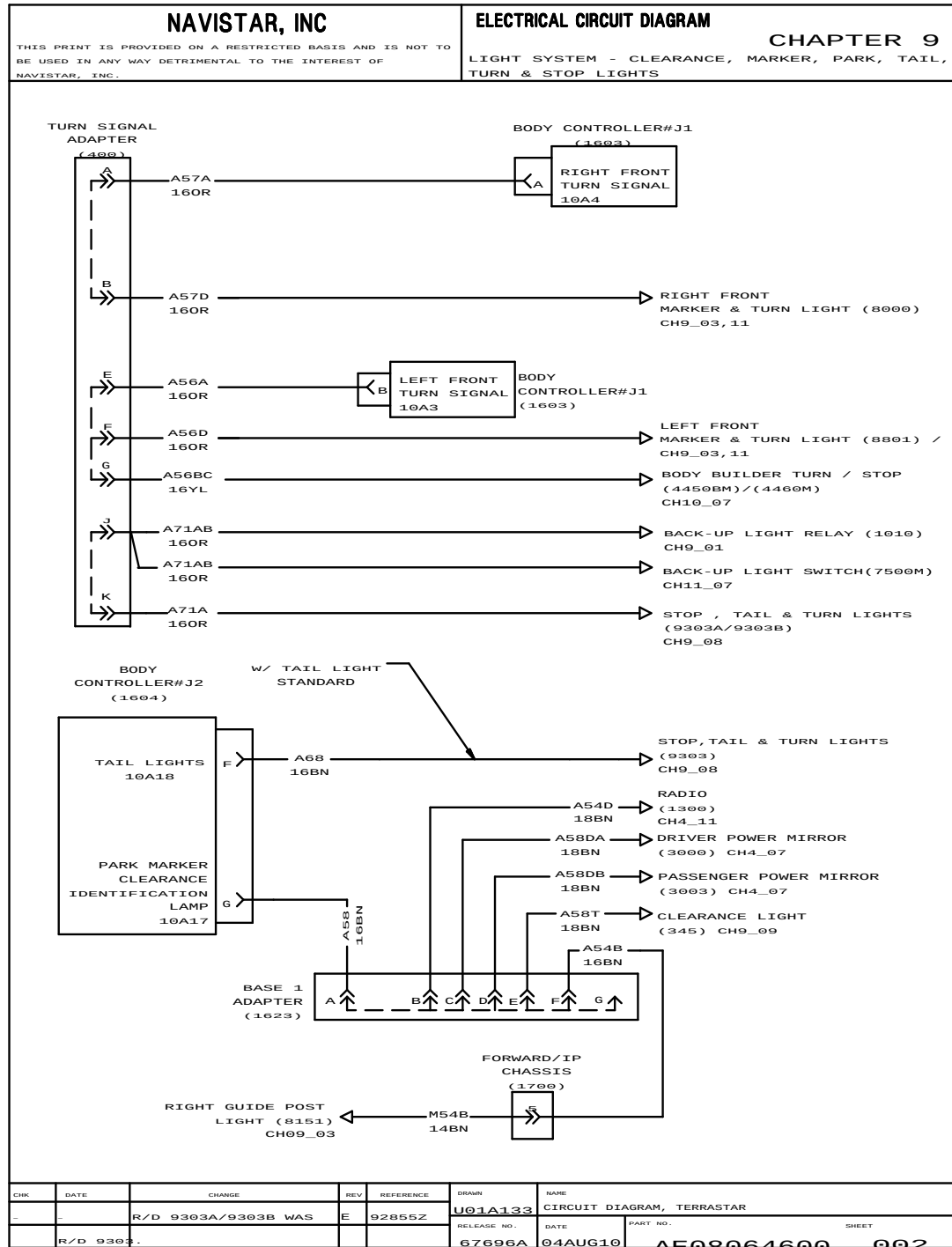


Figure 95 Light System – Clearance, Marker, Park, Tail, Turn &amp; Stop Lights

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 9.3. LIGHT SYSTEM – CLEARANCE, MARKER, PARK, TAIL, TURN &amp; STOP LIGHTS (CONT.), P. 3

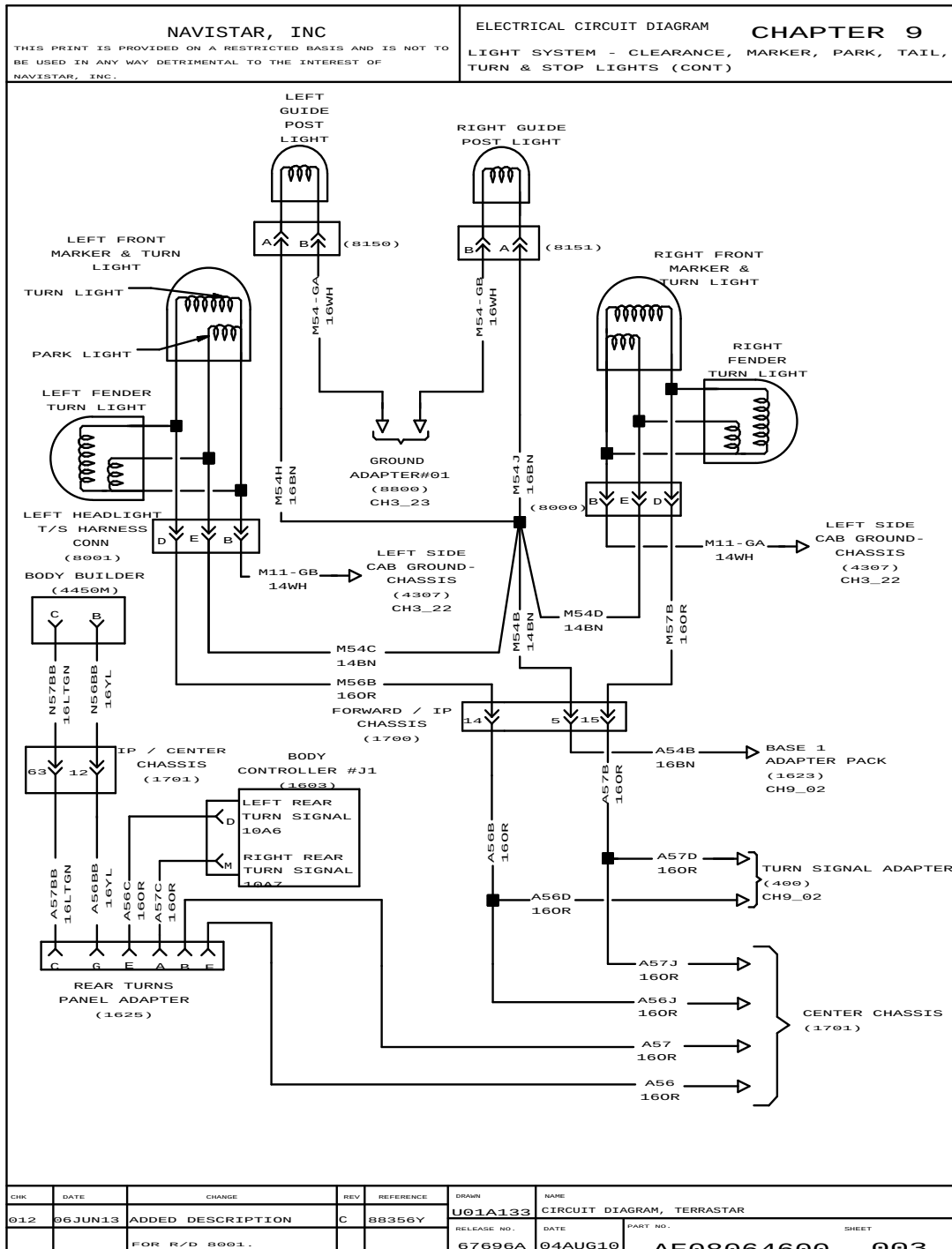


Figure 96 Light System – Clearance, Marker, Park, Tail, Turn &amp; Stop Lights (Cont.)



## 9.4. LIGHT SYSTEM, FOG LIGHT, P. 4

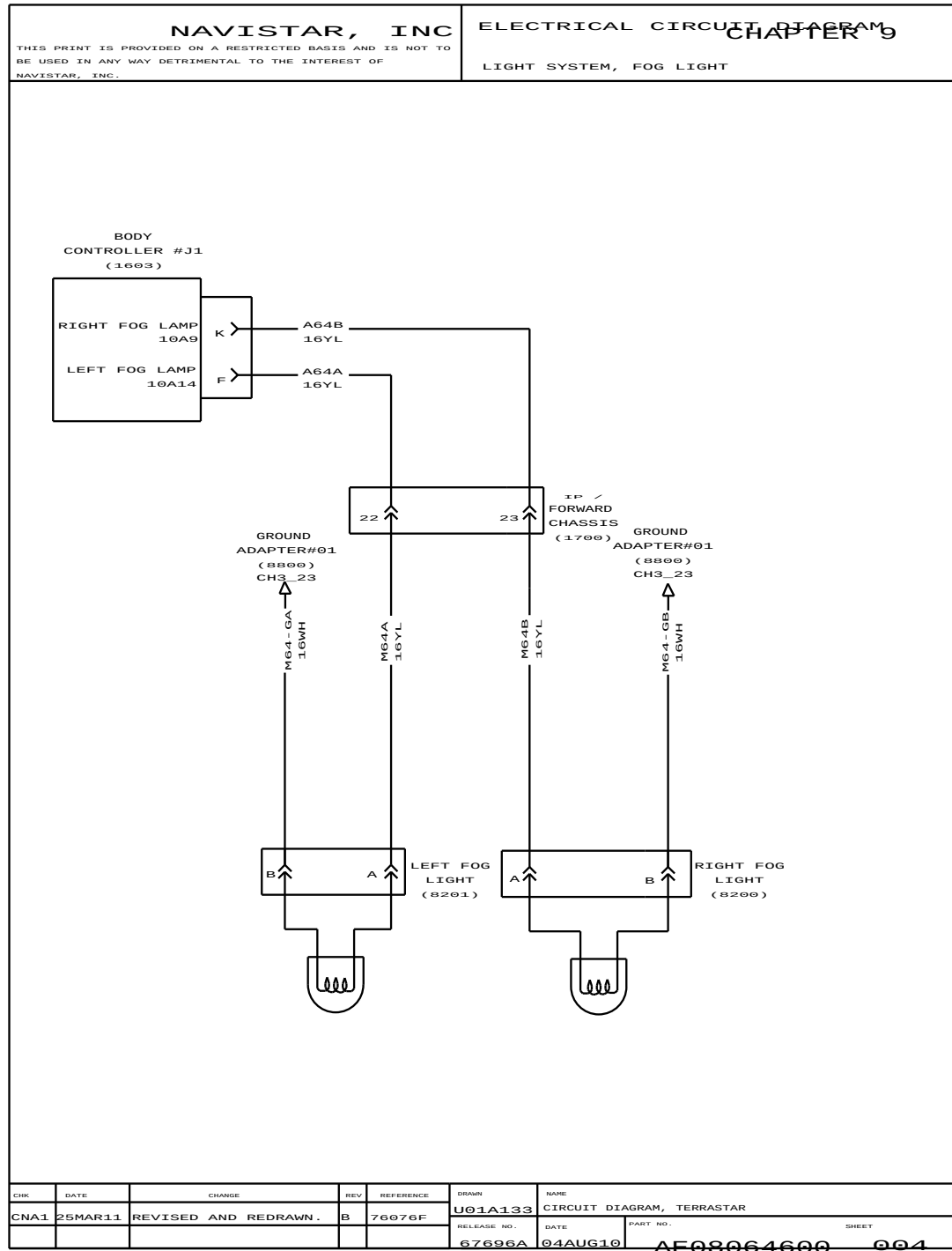


Figure 97 Light System, Fog Light

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 9.5. HEADLIGHTS, P. 5

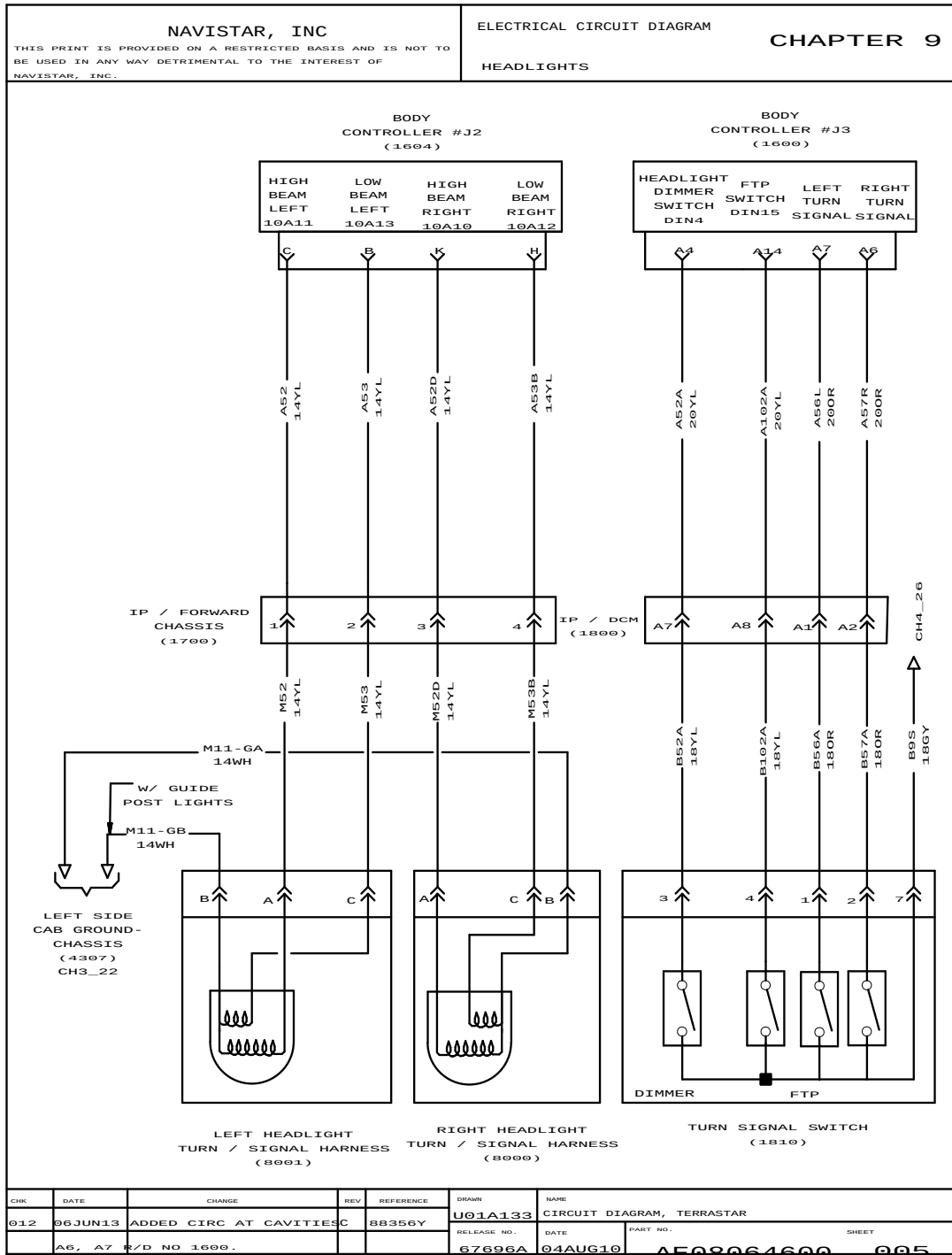


Figure 98 Headlights

## 9.6. PANEL LIGHTS, P. 6

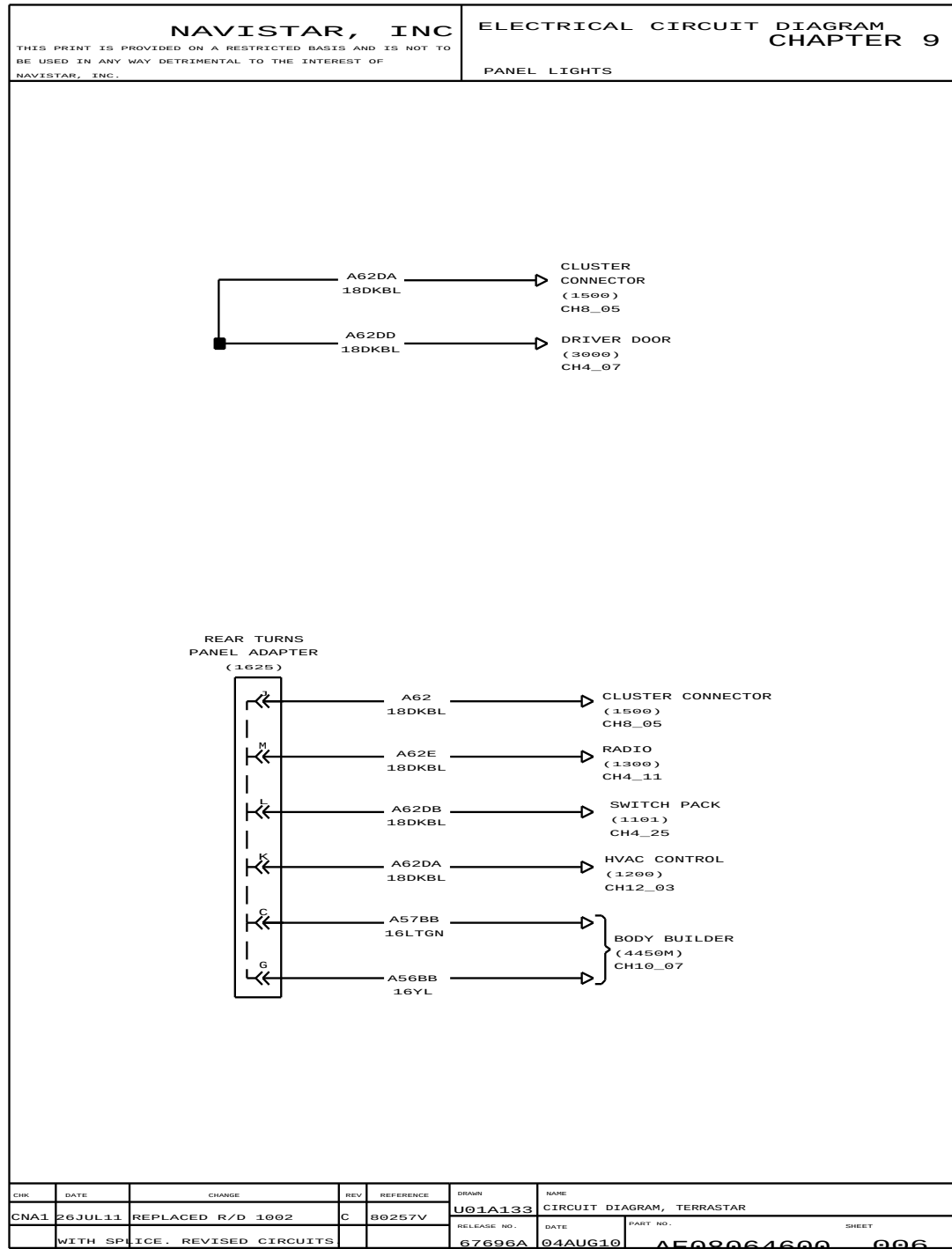


Figure 99 Panel Lights

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 9.7. INTENTIONALLY LEFT BLANK, P. 7

|                                                                                                                                                                    |         |                   |     |                                                                                   |             |                            |                |
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| INTENTIONALLY<br>LEFT BLANK                                                                                                                                        |         |                   |     |                                                                                   |             |                            |                |
| CHK                                                                                                                                                                | DATE    | CHANGE            | REV | REFERENCE                                                                         | DRAWN       | NAME                       |                |
| CNA1                                                                                                                                                               | 25MAR11 | REMOVED GEOMETRY. | B   | 76076F                                                                            | U01A133     | CIRCUIT DIAGRAM, TERRASTAR |                |
|                                                                                                                                                                    |         |                   |     |                                                                                   | RELEASE NO. | DATE                       | PART NO.       |
|                                                                                                                                                                    |         |                   |     |                                                                                   | 67696A      | 15OCT10                    | AE08064600 007 |

Figure 100 Intentionally Left Blank

## 9.8. LIGHT SYSTEM – CLEARANCE, MARKER, PARK, TAIL, TURN & STOP LIGHTS (CONT.), P. 8

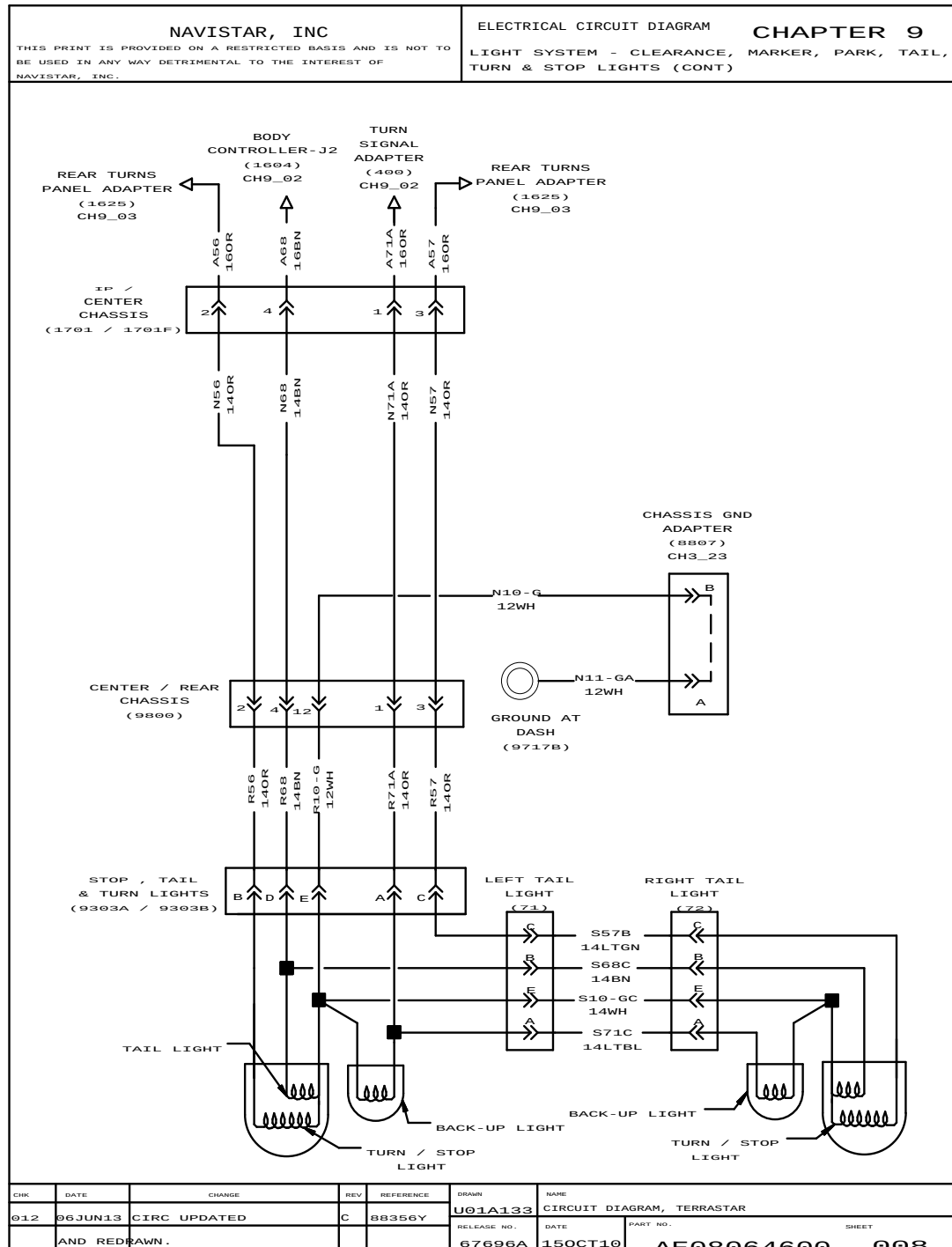


Figure 101 Light System – Clearance, Marker, Park, Tail, Turn & Stop Lights (Cont.)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 9.9. LIGHT SYSTEM – CLEARANCE, MARKER, PARK, TAIL, TURN &amp; STOP LIGHTS (CONT.), P. 9

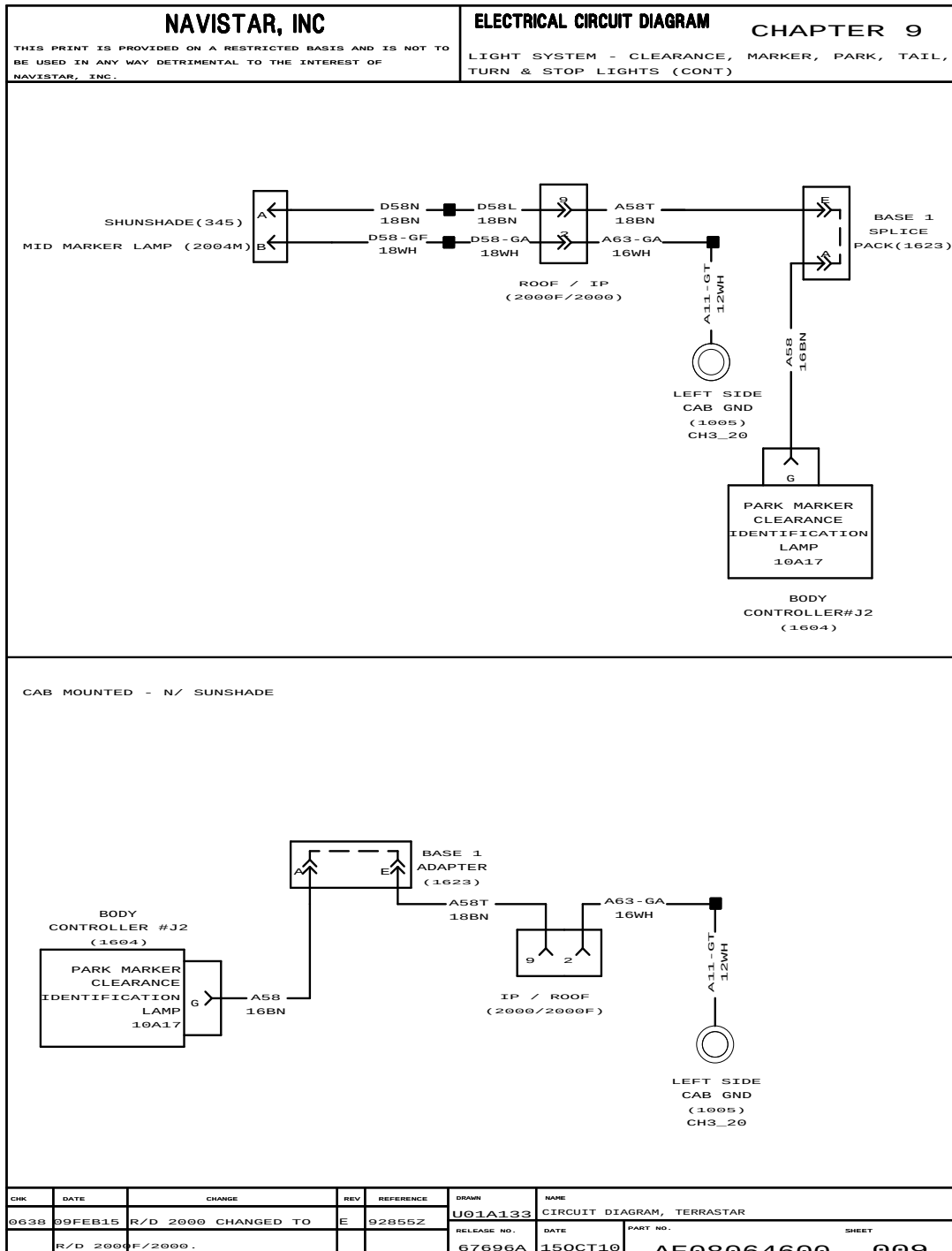


Figure 102 Light System – Clearance, Marker, Park, Tail, Turn &amp; Stop Lights (Cont.)

## 9.10. AUX HEADLIGHTS, SNOWPLOW LIGHTS, P. 10

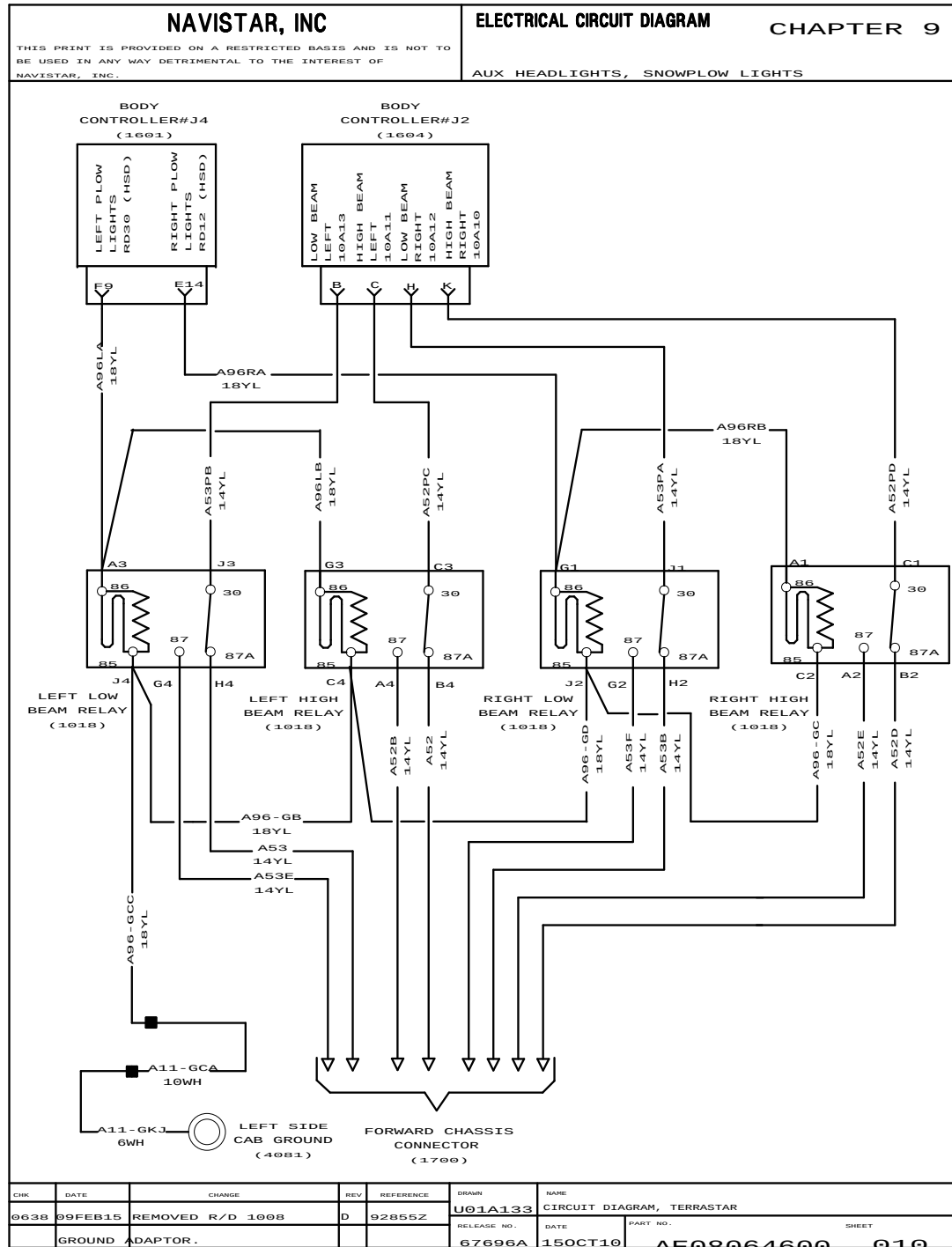


Figure 103 Aux Headlights, Snowplow Lights

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 9.11. AUX HEADLIGHTS, SNOWPLOW LIGHTS (CONT.), P. 11

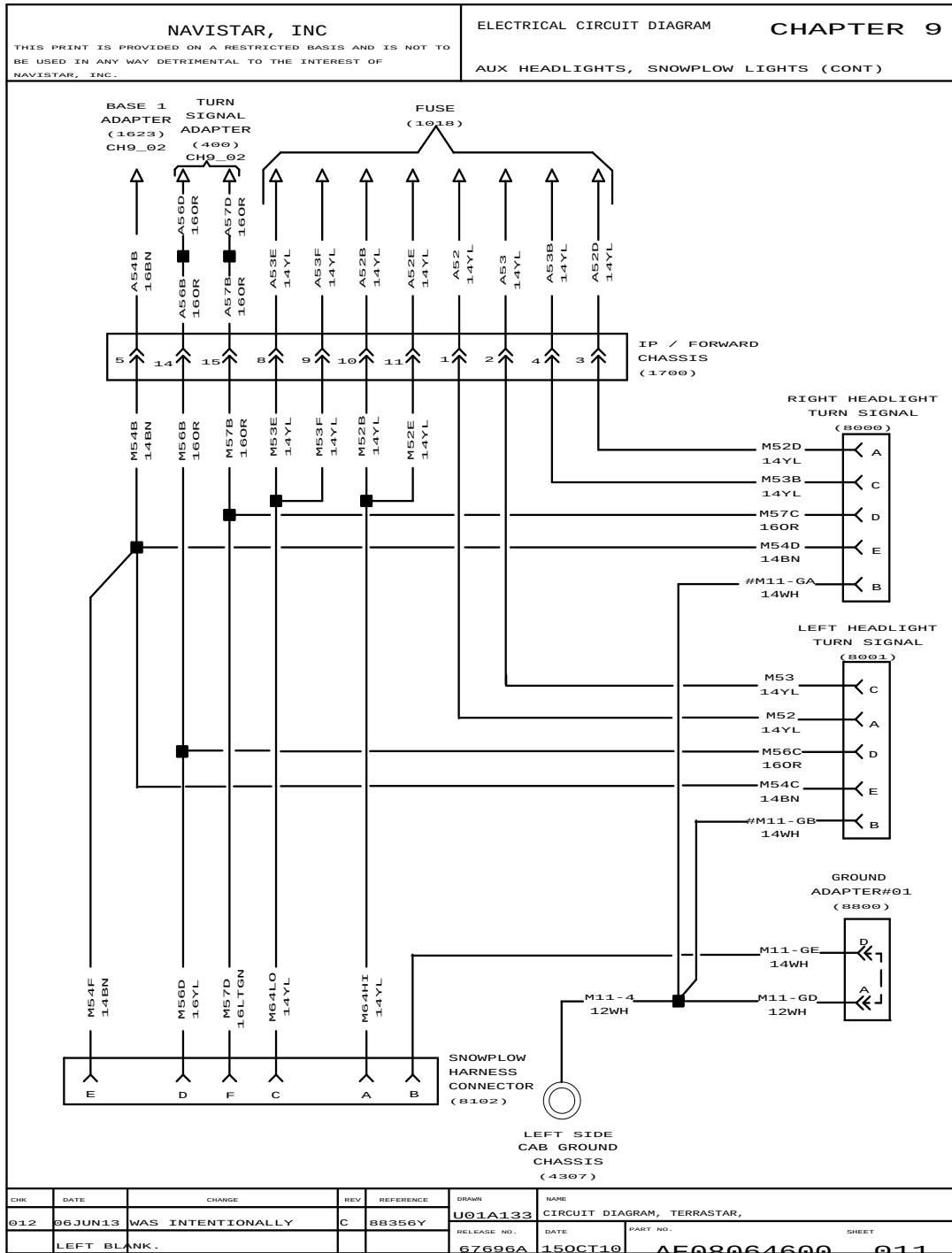


Figure 104 Aux Headlights, Snowplow Lights (Cont.)



## 9.12. DOME LIGHT SYSTEM, P. 12

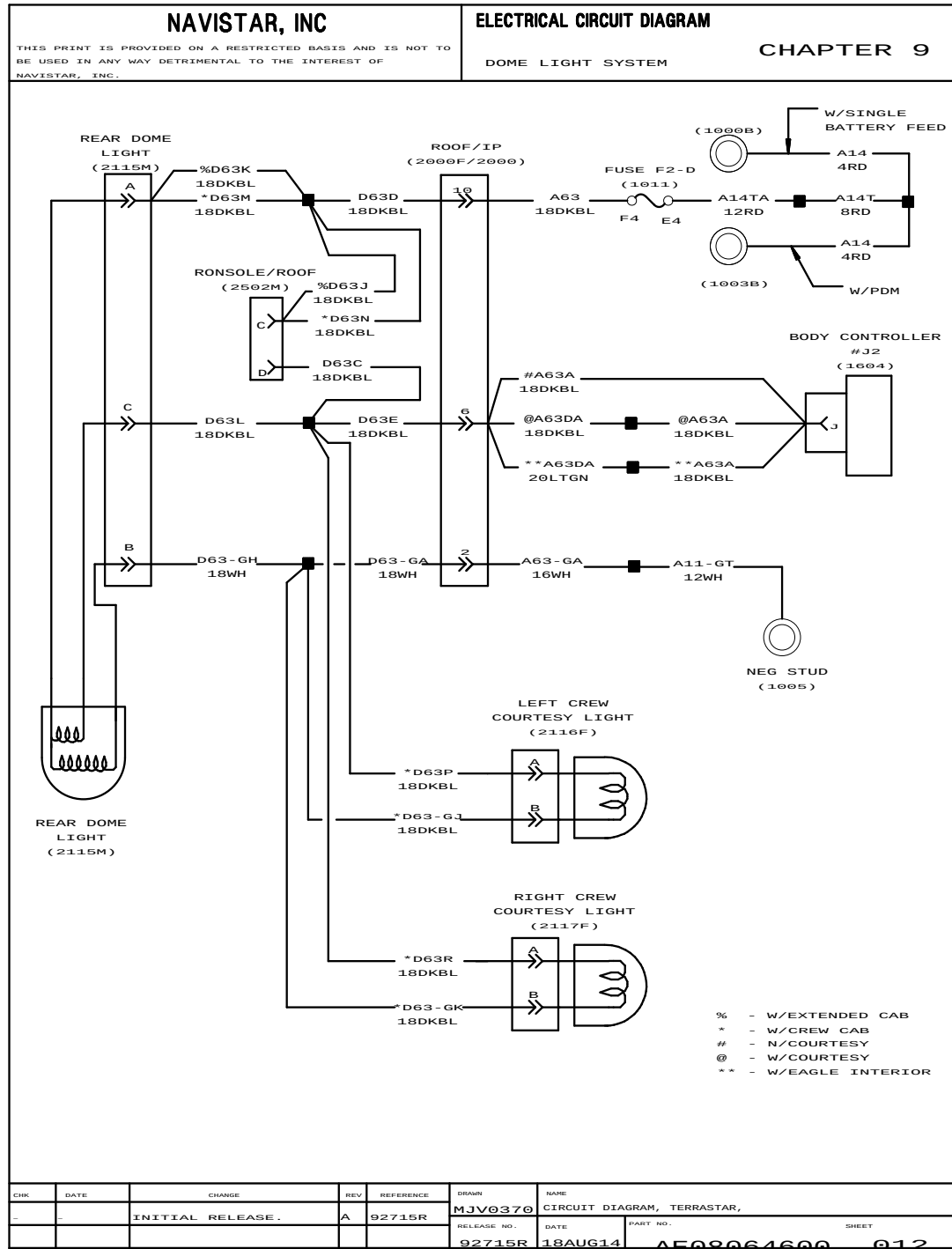


Figure 105 Dome Light System

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 9.13. CLEARANCE AND MARKER LIGHT, P. 13

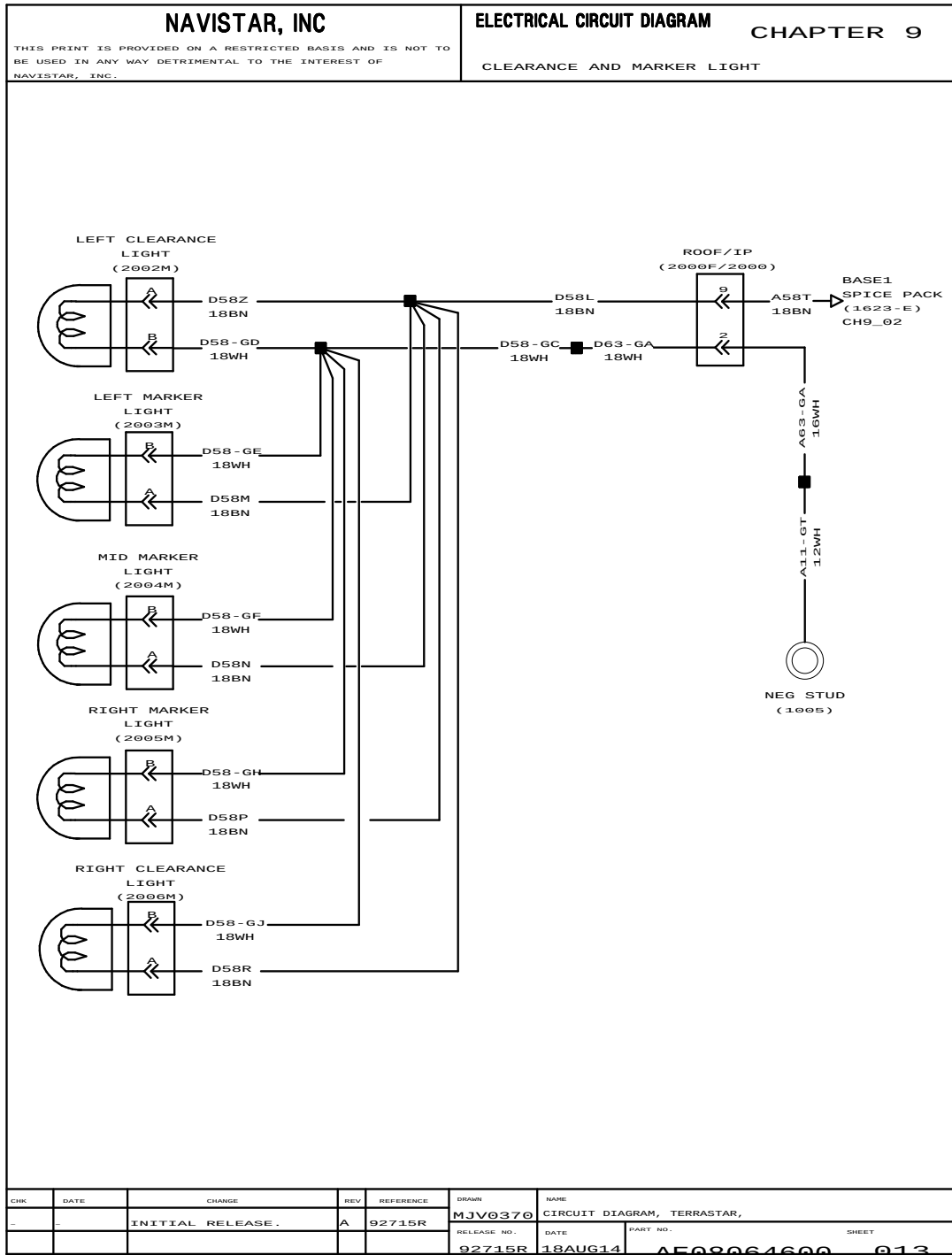


Figure 106 Clearance and Marker Light

## CHASSIS ACCESSORIES (CHAPTER 10)

## 10.1. TRW ABS BRAKES, P. 1

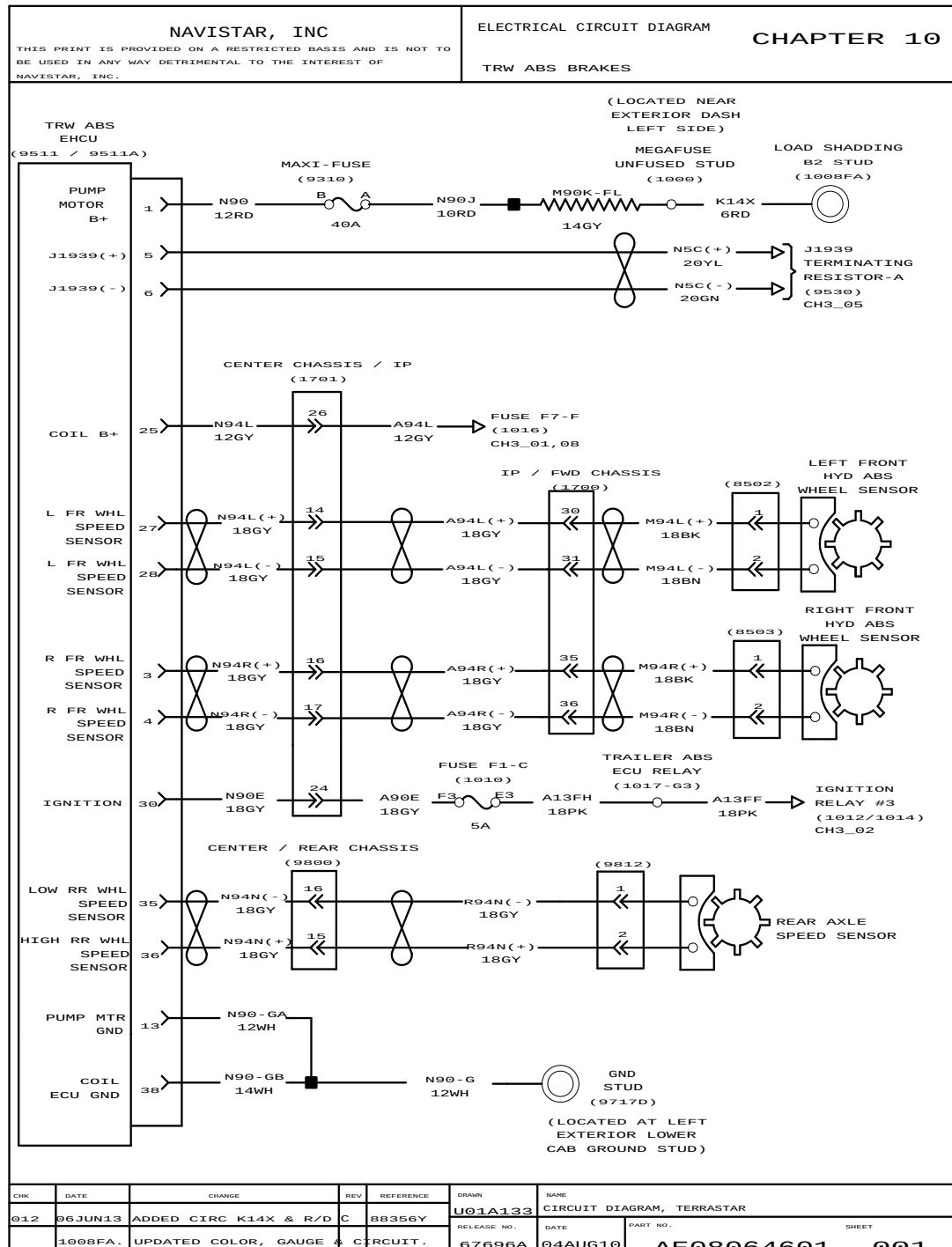


Figure 107 TRW ABS Brakes

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 10.2. TRW ABS BRAKES (CONT.), P. 2

|                                                                                                                                                                    |         |                   |     |                                                                                        |             |                            |                |
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| INTENTIONALLY<br>LEFT BLANK                                                                                                                                        |         |                   |     |                                                                                        |             |                            |                |
| CHK                                                                                                                                                                | DATE    | CHANGE            | REV | REFERENCE                                                                              | DRAWN       | NAME                       |                |
| CNA1                                                                                                                                                               | 25MAR11 | REMOVED GEOMETRY. | B   | 76076F                                                                                 | U01A133     | CIRCUIT DIAGRAM, TERRASTAR |                |
|                                                                                                                                                                    |         |                   |     |                                                                                        | RELEASE NO. | DATE                       | PART NO.       |
|                                                                                                                                                                    |         |                   |     |                                                                                        | 67696A      | 04AUG10                    | AE08064601 002 |

Figure 108 TRW ABS Brakes (Cont.)

## 10.3. TRW ABS BRAKES (CONT.), P. 3

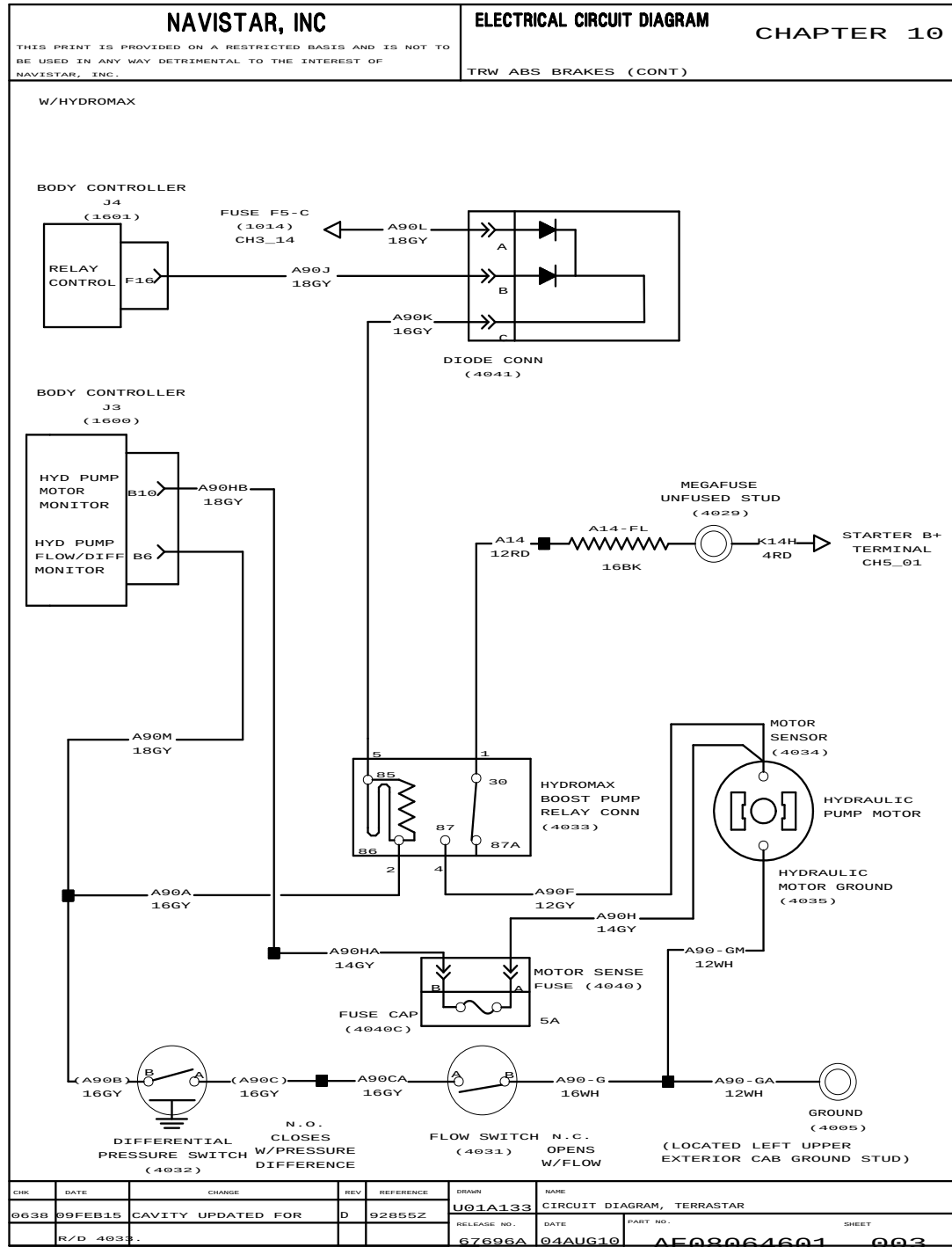


Figure 109 TRW ABS Brakes (Cont.)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 10.4. BODY BUILDER AND TRAILER – TURN, MARKERS AND STOP , P. 4

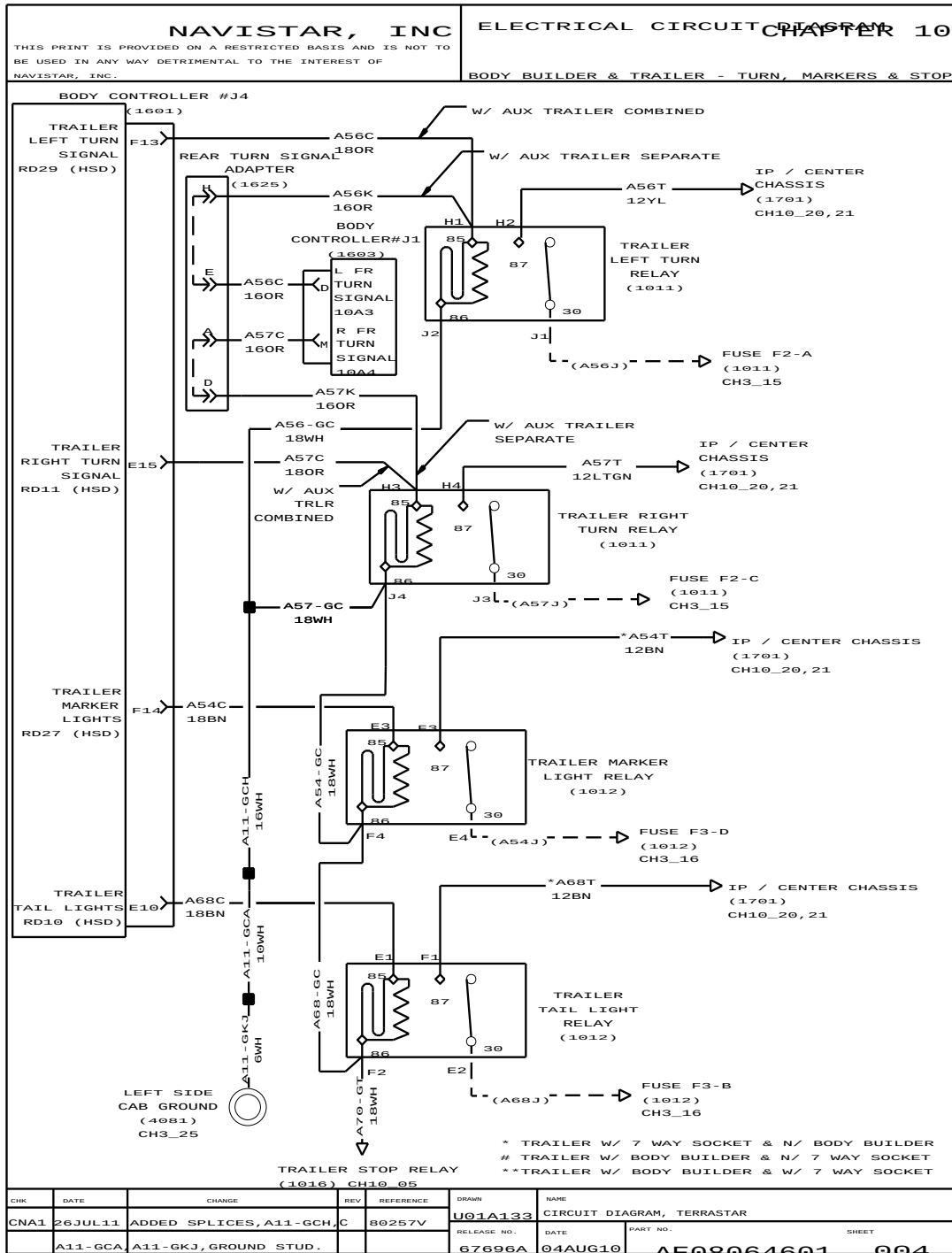
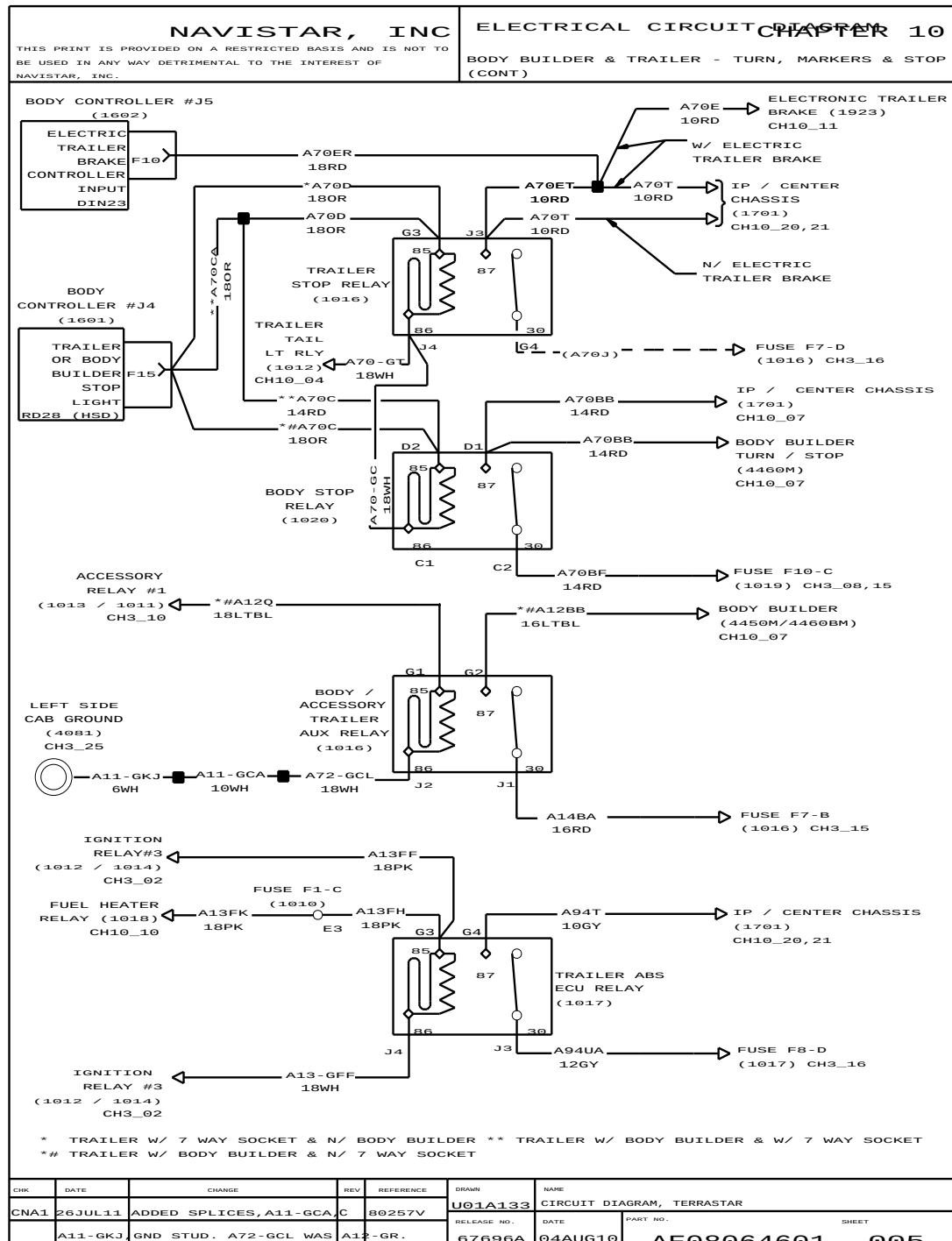


Figure 110 Body Builder and Trailer – Turn, Markers and Stop







## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 10.7. BODY BUILDER CONNECTIONS, P. 7

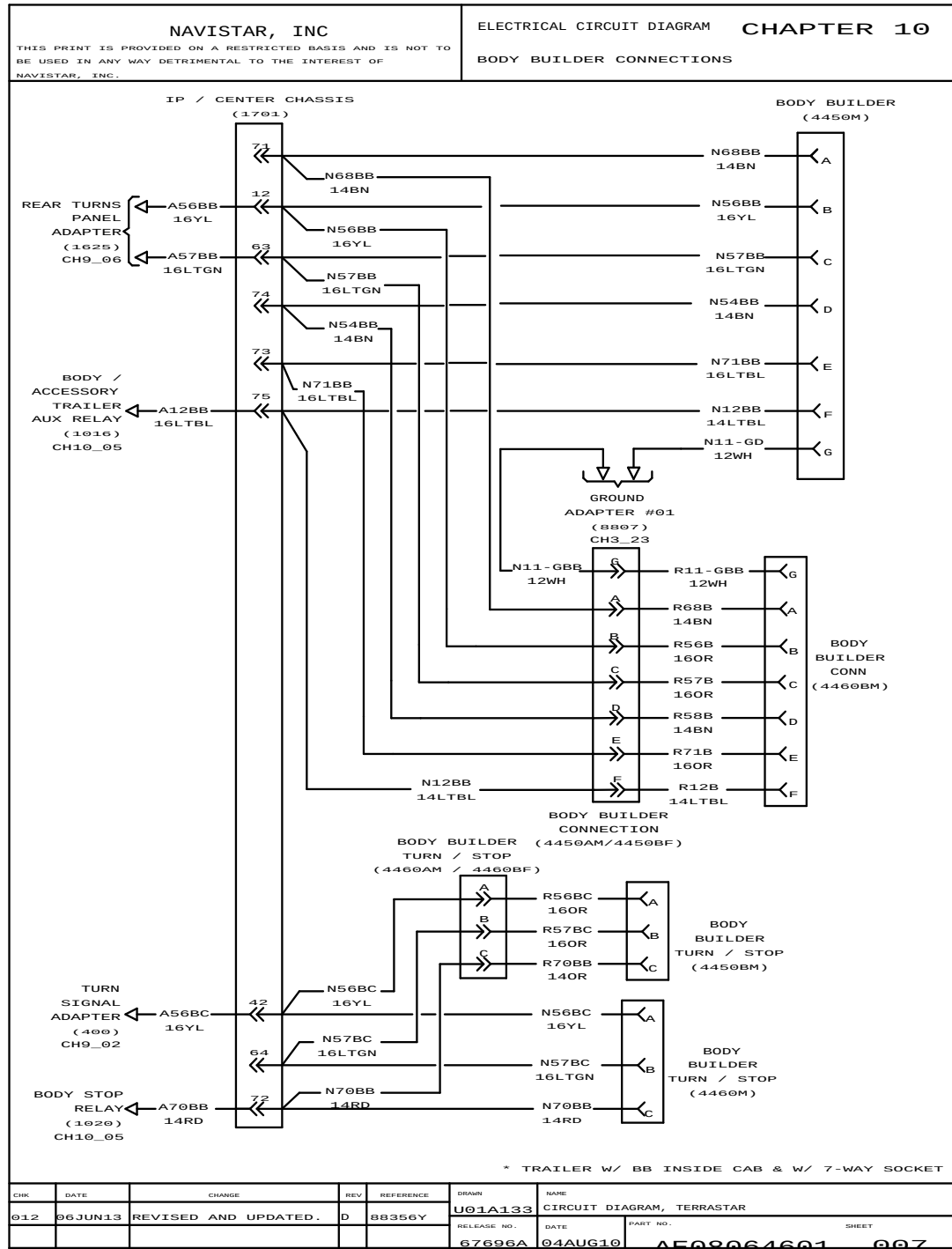


Figure 113 Body Builder Connections

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 10.8. INTENTIONALLY LEFT BLANK, P. 8

|                                                                                                                                                                    |         |                   |     |                                                                                        |             |                            |                |
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| INTENTIONALLY<br>LEFT BLANK                                                                                                                                        |         |                   |     |                                                                                        |             |                            |                |
| CHK                                                                                                                                                                | DATE    | CHANGE            | REV | REFERENCE                                                                              | DRAWN       | NAME                       |                |
| CNA1                                                                                                                                                               | 25MAR11 | REMOVED GEOMETRY. | B   | 76076F                                                                                 | U01A133     | CIRCUIT DIAGRAM, TERRASTAR |                |
|                                                                                                                                                                    |         |                   |     |                                                                                        | RELEASE NO. | DATE                       | PART NO.       |
|                                                                                                                                                                    |         |                   |     |                                                                                        | 67696A      | 04AUG10                    | AE08064601 008 |

Figure 114 Intentionally Left Blank

## 10.9. REMOTE POWER MODULE – CAB MOUNTED, P. 9

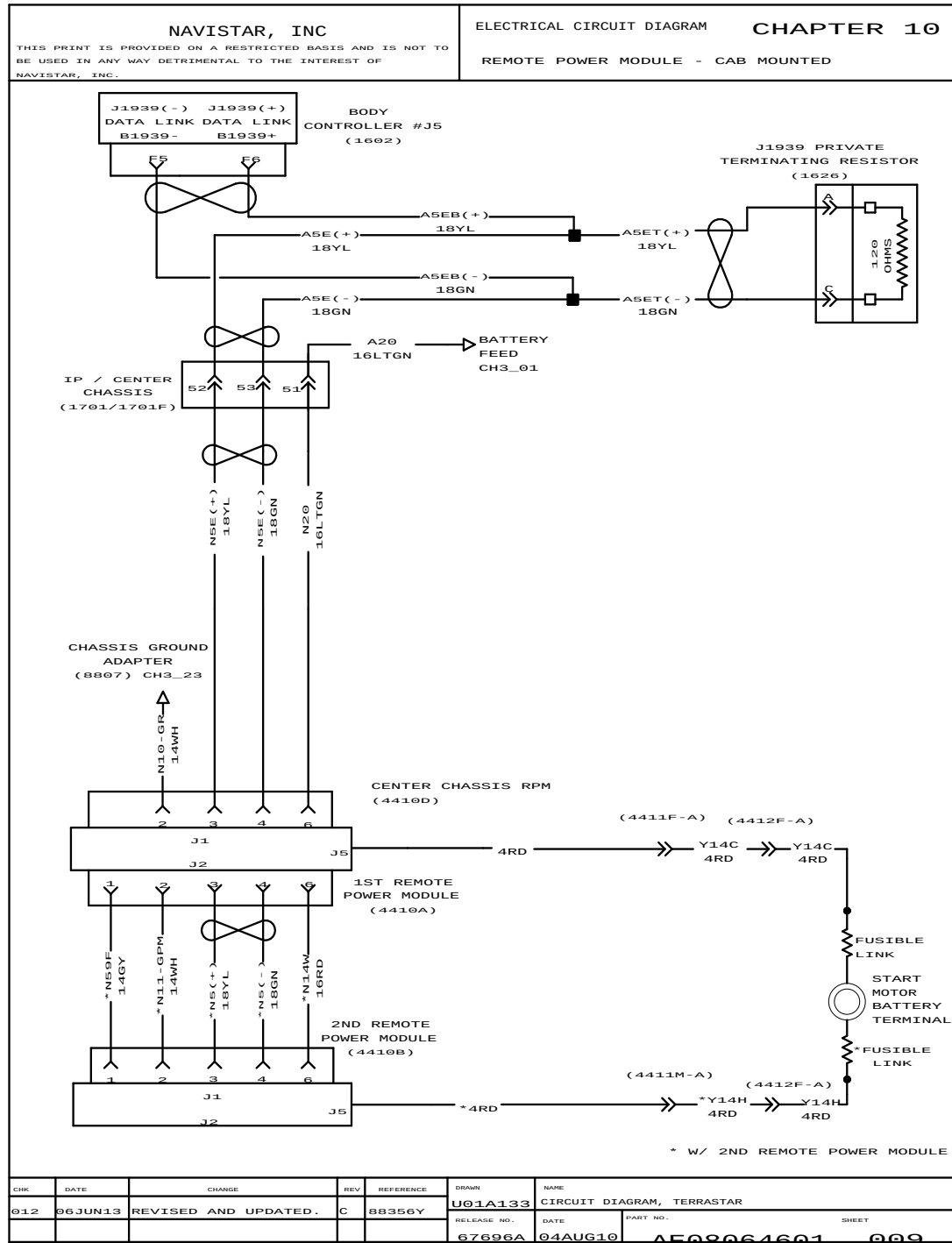


Figure 115 Remote Power Module – Cab Mounted

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 10.10. REMOTE POWER MODULE – CAB MOUNTED (CONT.), P. 9A

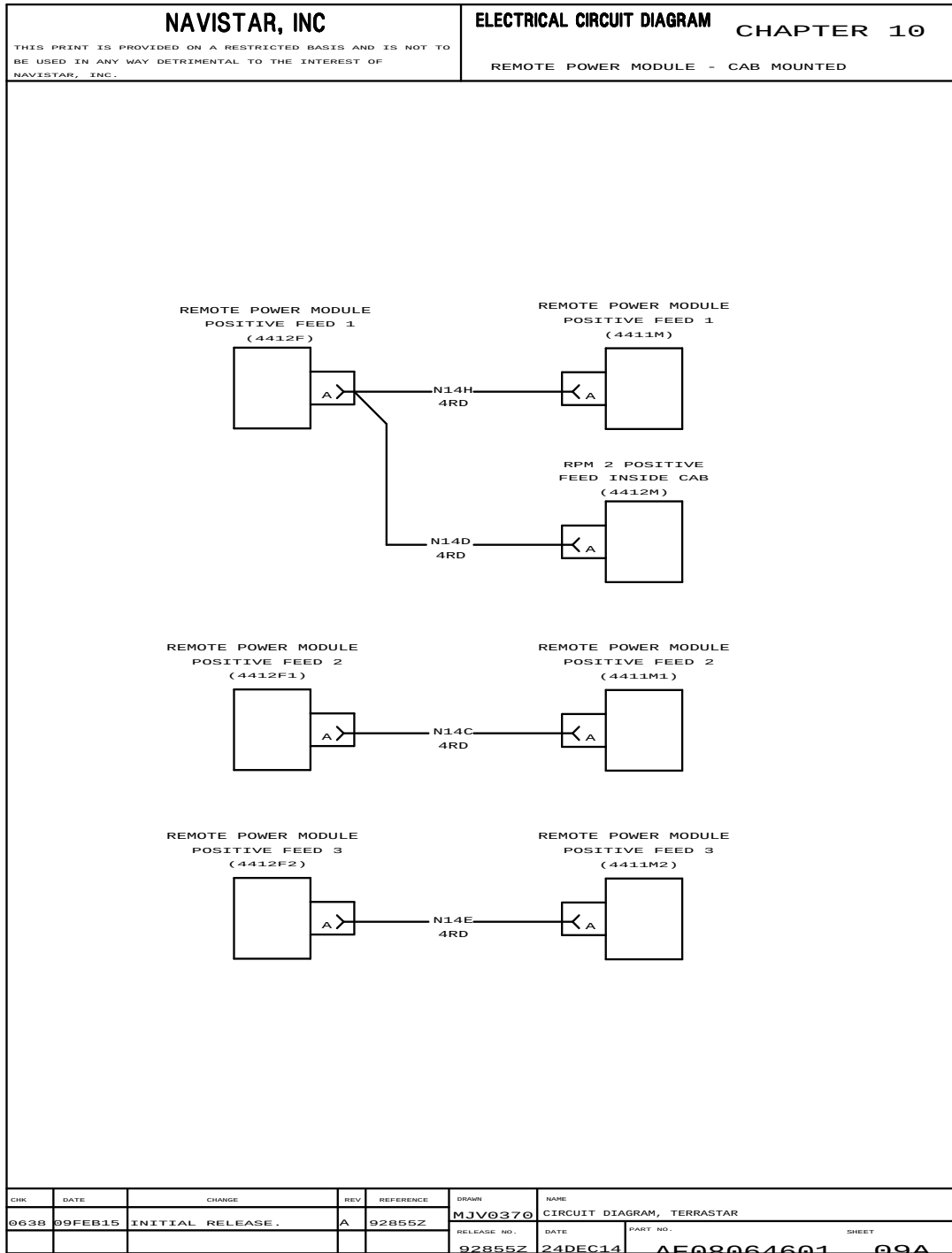


Figure 116 Remote Power Module – Cab Mounted (Cont.)

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## ELECTRICAL CIRCUIT DIAGRAM

## CHAPTER 10

### FUEL / HEATER RELAY

IGNITION RELAY #3 (1012 / 1014) CH3\_02, CH10\_05

ENGINE/MELROSE (6011-B) CH7\_04

TRAILER ABS ECU RELAY (1017) G3

FUSE F1-C (1010) E3

IP / ENGINE (1702-34)

FUEL HEATER RELAY (1018)

A11-GCA 10WH

A11-GKJ 6WH

LEFT SIDE CAB GROUND (4081) CH3\_25

A13FF 18PK

A13FH 18PK

A13FK 18PK

A19 12GY

A19V 12GY

FUSE F6-D (1015) CH3\_15

| CHK | DATE    | CHANGE             | REV | REFERENCE | DRAWN   | NAME                       | PART NO.   | SHEET |
|-----|---------|--------------------|-----|-----------|---------|----------------------------|------------|-------|
| 012 | 06JUN13 | ADDED: CHAPTER REF | D   | 88356Y    | U01A133 | CIRCUIT DIAGRAM, TERRASTAR |            |       |
|     |         | FOR R/D            |     |           | 67696A  | 04AUG10                    | A508064601 | 010   |

### Figure 117 Fuel / Heater Relay

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 10.12. ELECTRIC TRAILER BRAKE, P. 11

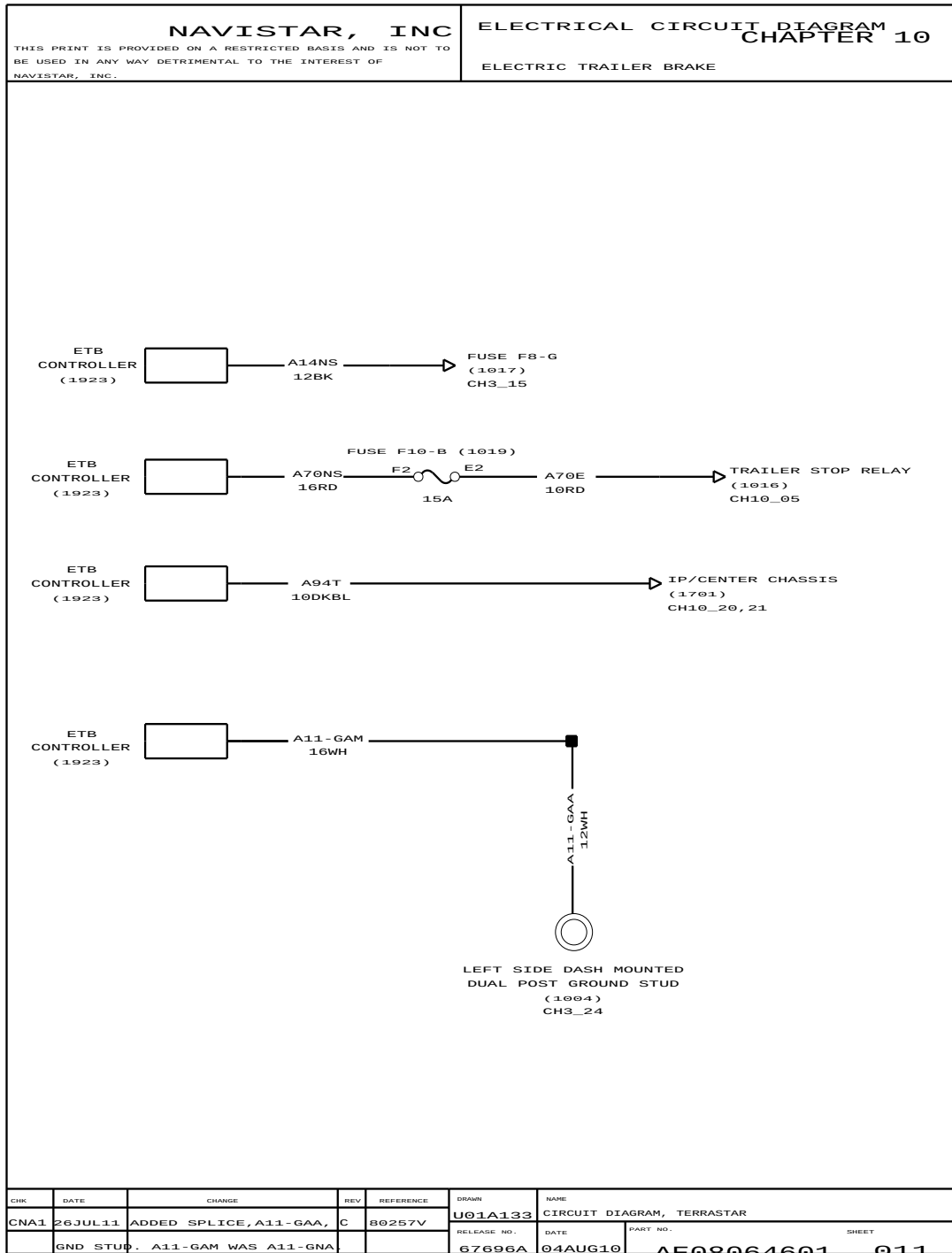


Figure 118 Electric Trailer Brake

## 10.13. HOUR METER – PTO, P. 12

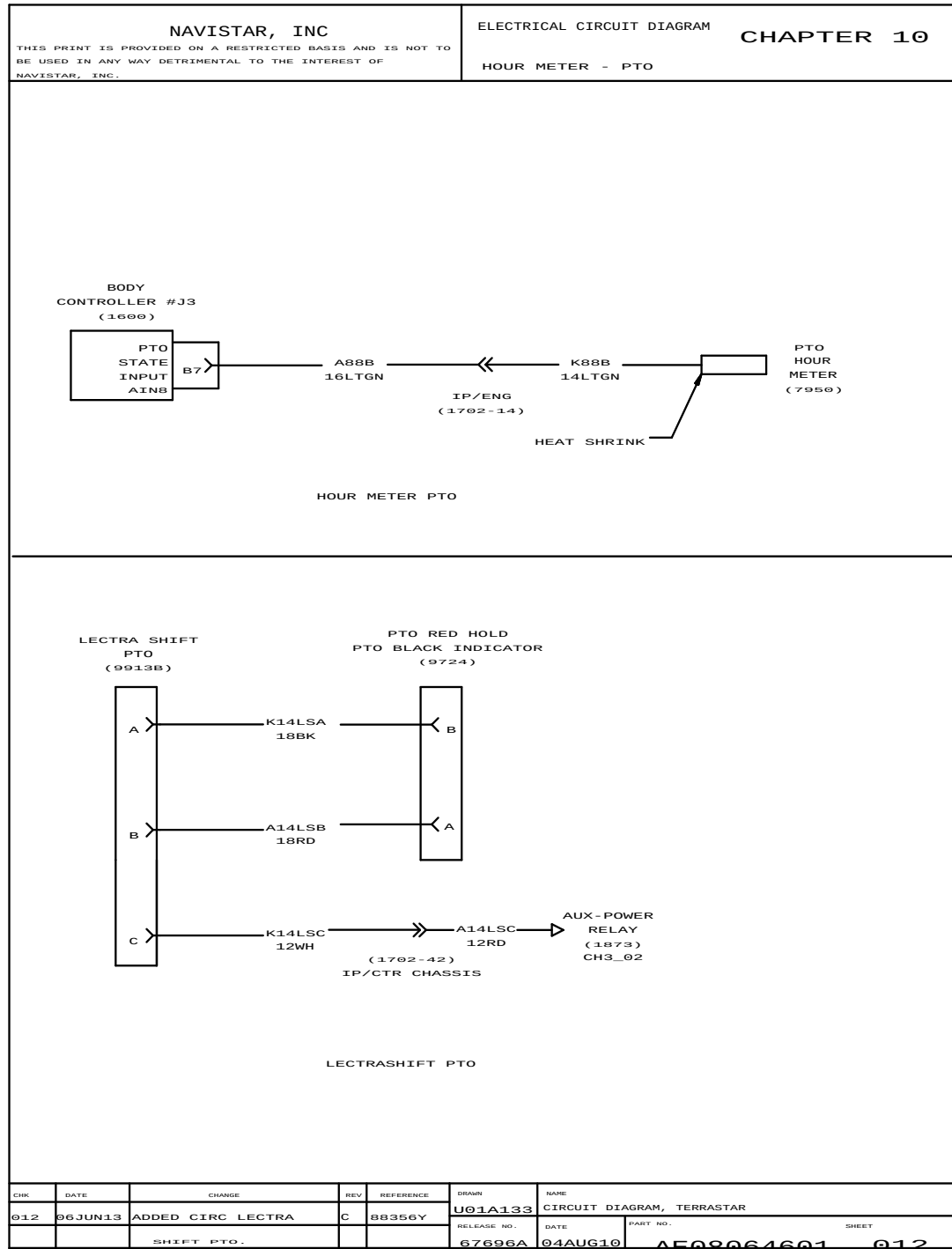


Figure 119 Hour Meter – PTO

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 10.14. AIR DRYER AND HEATED DRAIN VALVE, P. 13

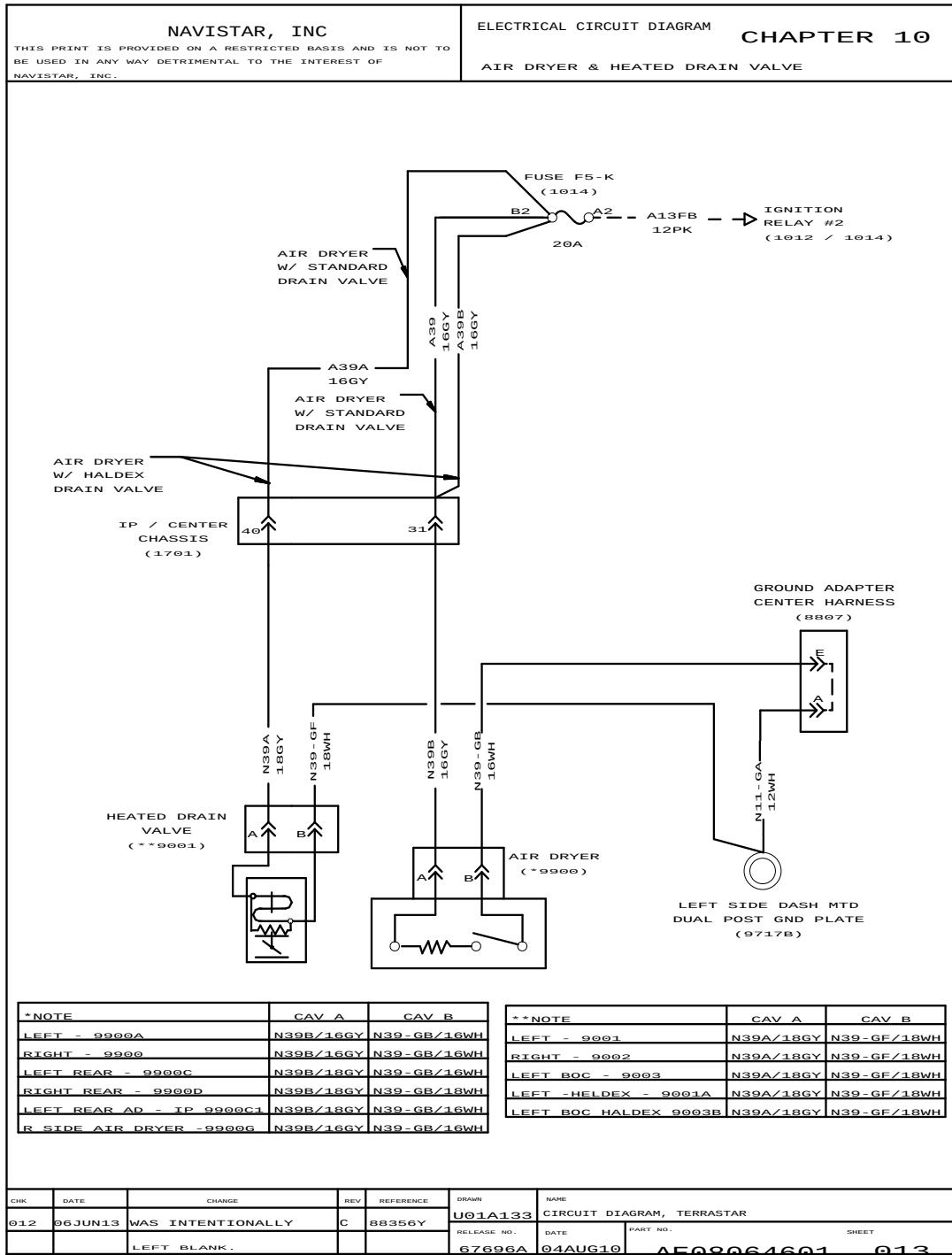


Figure 120 Air dryer and Heated Drain Valve



## 10.15. REMOTE START / STOP, P. 14

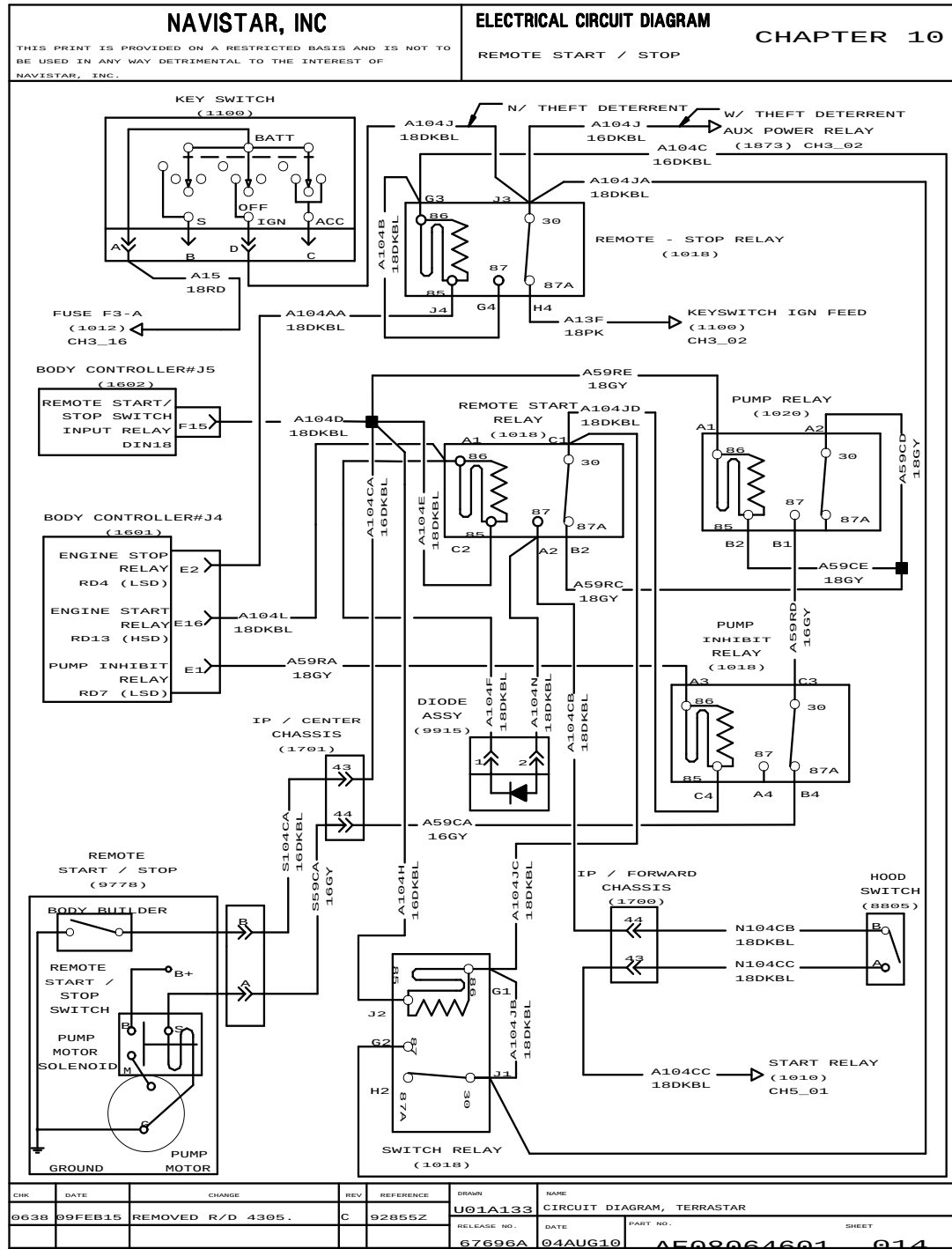


Figure 121 Remote Start / Stop

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 10.16. INTENTIONALLY LEFT BLANK, P. 15

|                                                                                                                                                                    |         |                   |     |                                                                                         |             |                            |                |
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| INTENTIONALLY<br>LEFT BLANK                                                                                                                                        |         |                   |     |                                                                                         |             |                            |                |
| CHK                                                                                                                                                                | DATE    | CHANGE            | REV | REFERENCE                                                                               | DRAWN       | NAME                       |                |
| CNA1                                                                                                                                                               | 25MAR11 | REMOVED GEOMETRY. | B   | 76076F                                                                                  | U01A133     | CIRCUIT DIAGRAM, TERRASTAR |                |
|                                                                                                                                                                    |         |                   |     |                                                                                         | RELEASE NO. | DATE                       | PART NO.       |
|                                                                                                                                                                    |         |                   |     |                                                                                         | 67696A      | 15OCT10                    | AE08064601 015 |

Figure 122 Intentionally Left Blank

## 10.17. WHEELCHAIR LIFT INTERLOCK, P. 16

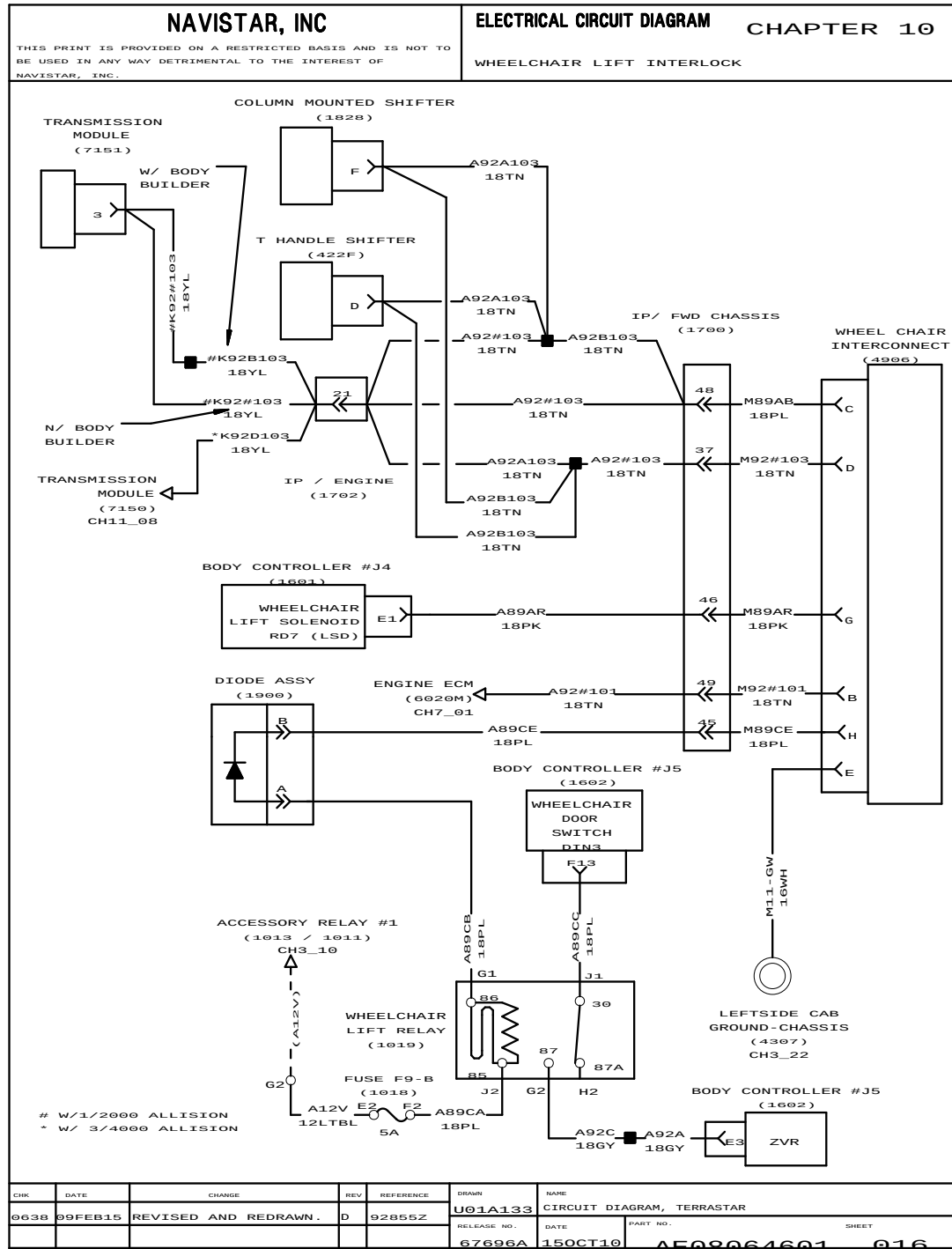


Figure 123 Wheelchair Lift Interlock

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 10.18. WHEELCHAIR LIFT INTERLOCK (CONT.), P. 16A

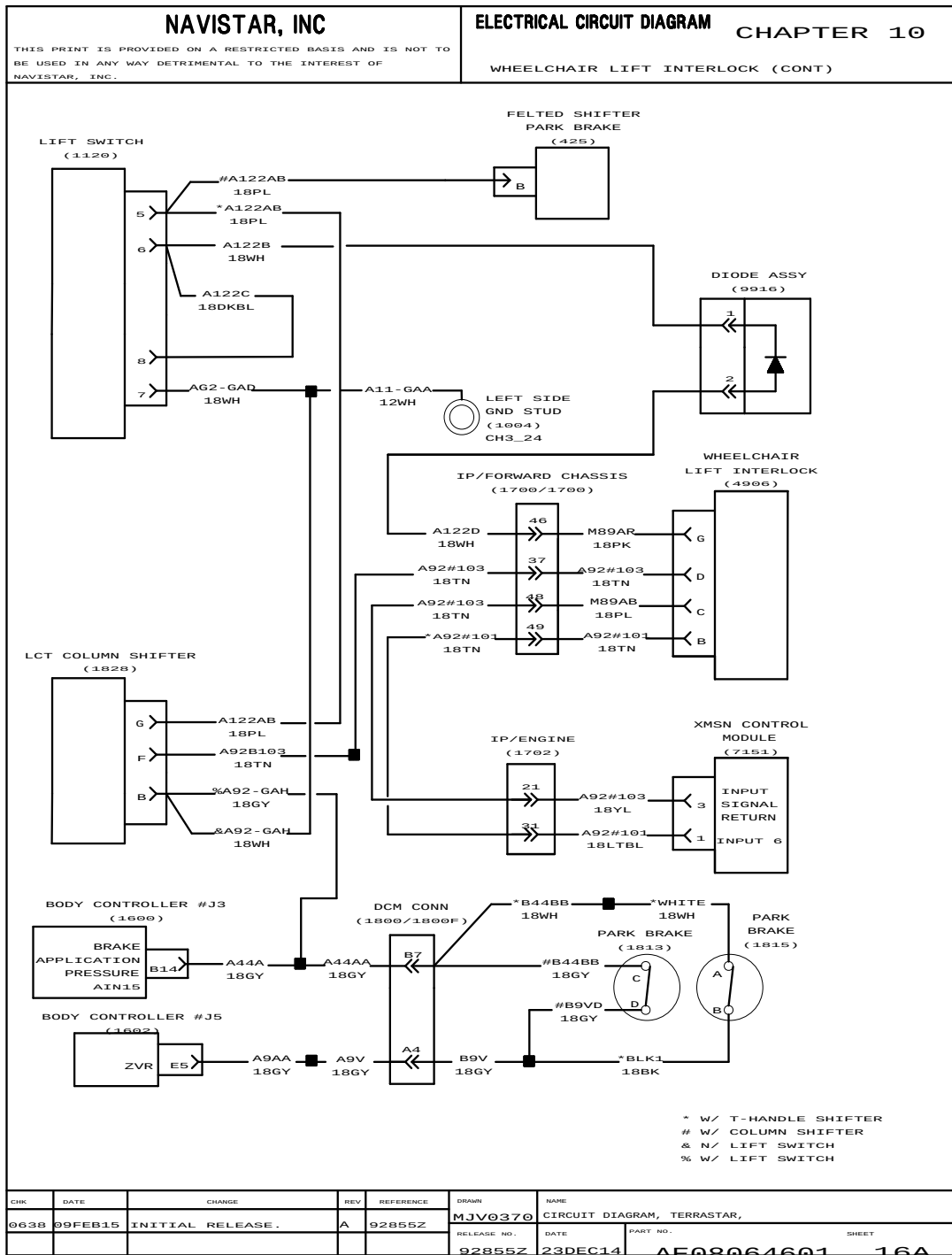


Figure 124 Wheelchair Lift Interlock (Cont.)

## 10.19. AUX INPUTS AND DRIVERS, P. 17

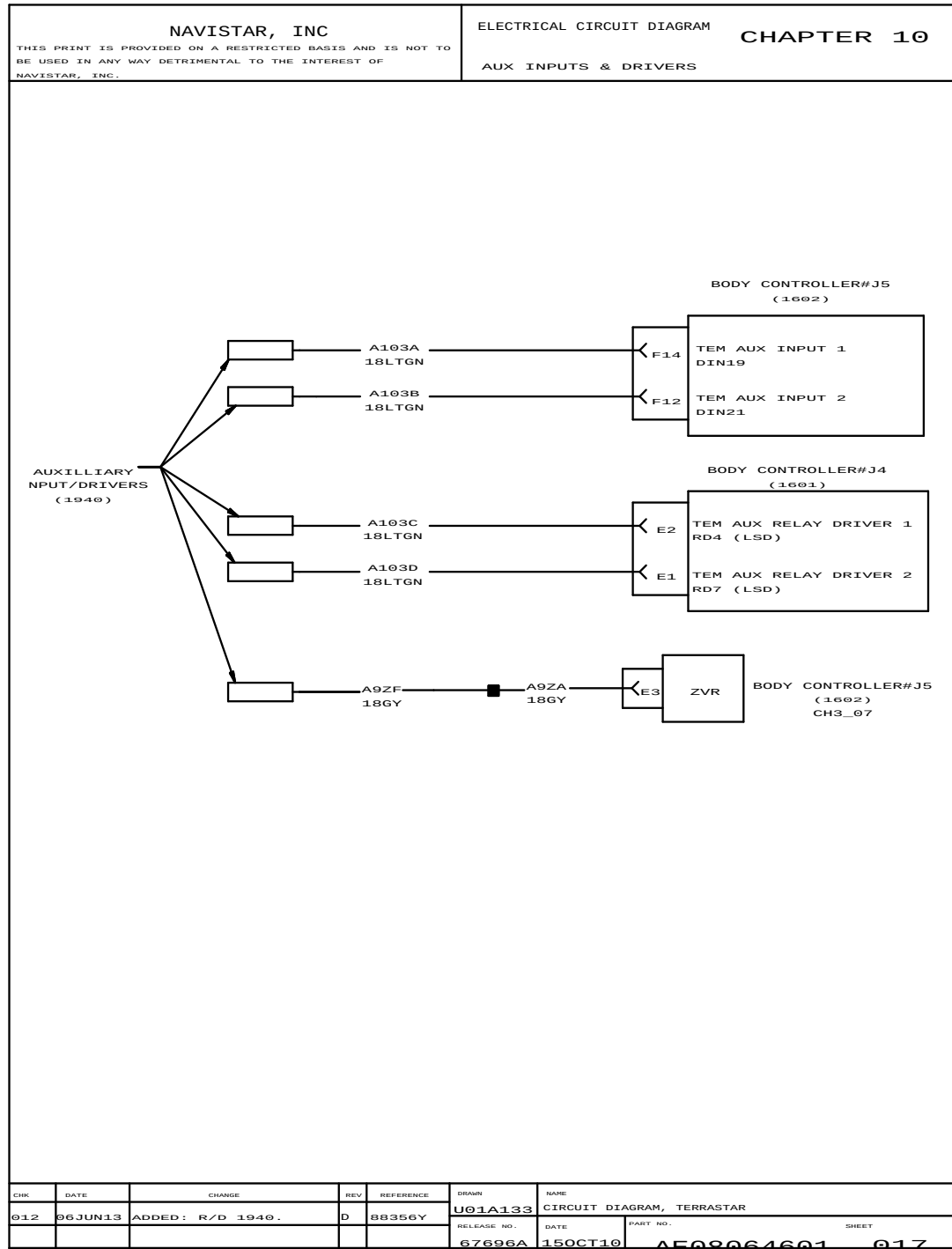


Figure 125 Aux Inputs and Drivers

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 10.20. AUX AND POWER SOURCE, P. 17A

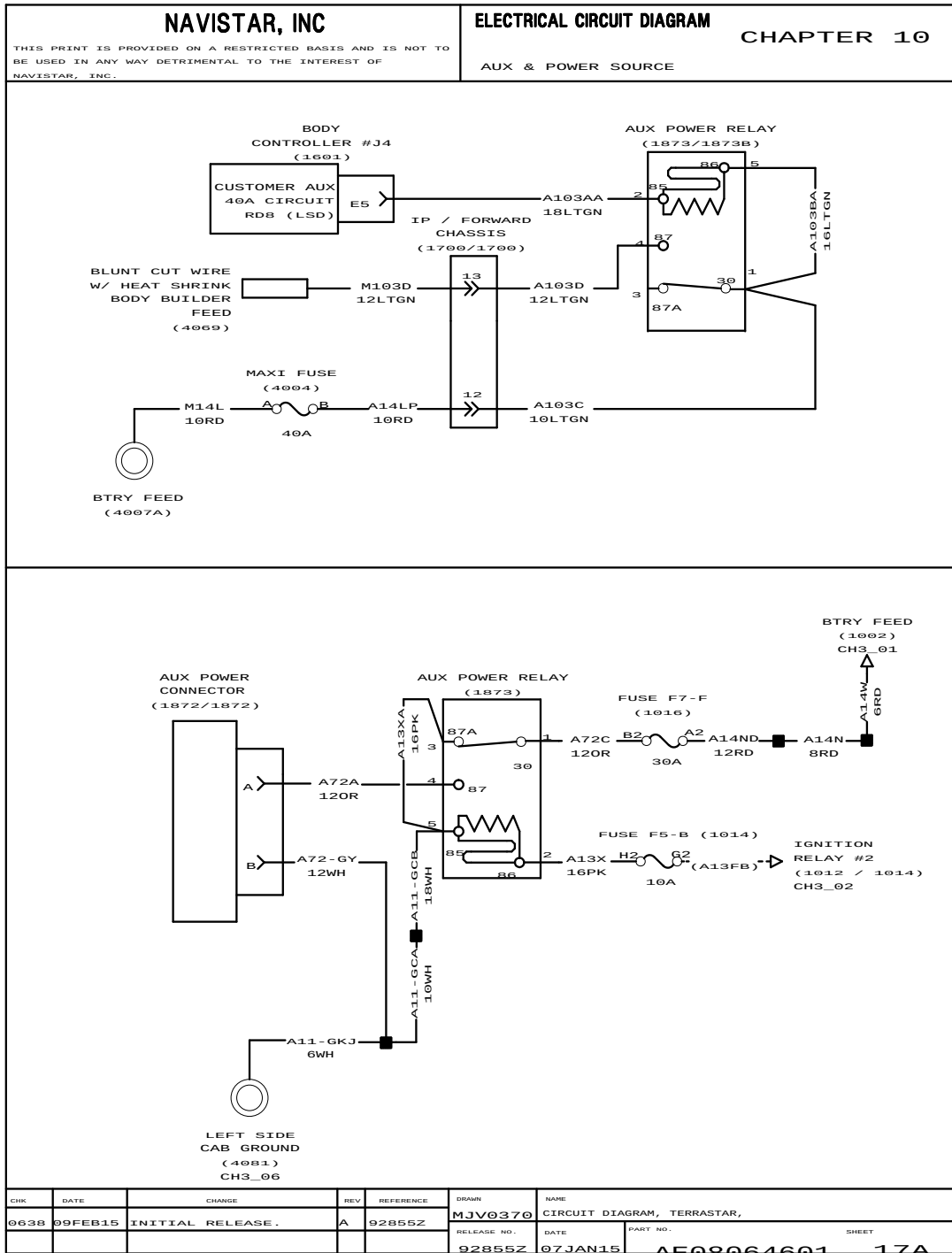


Figure 126 Aux and Power Source

## 10.21. TRANSFER CASE EFFECTS, P. 18

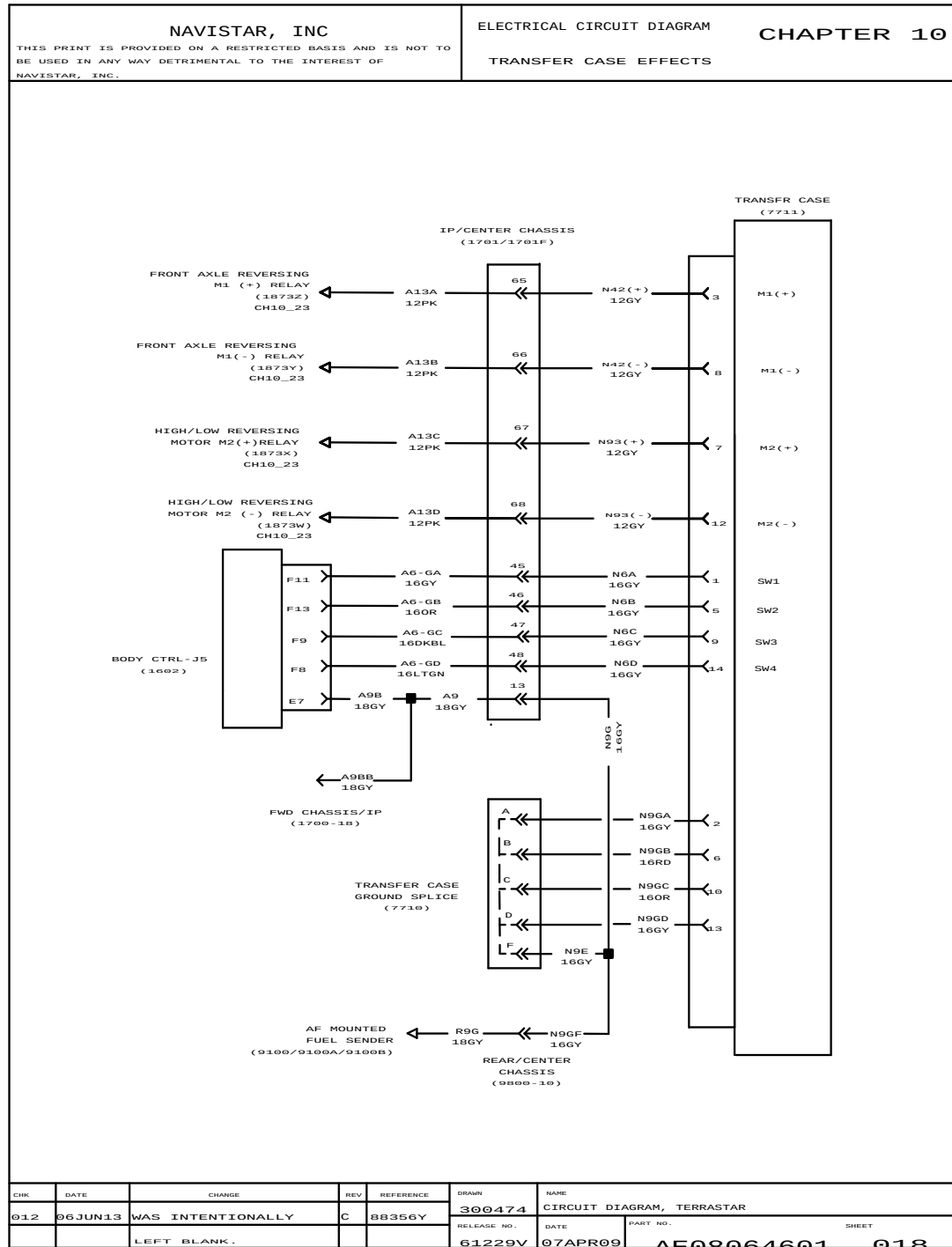
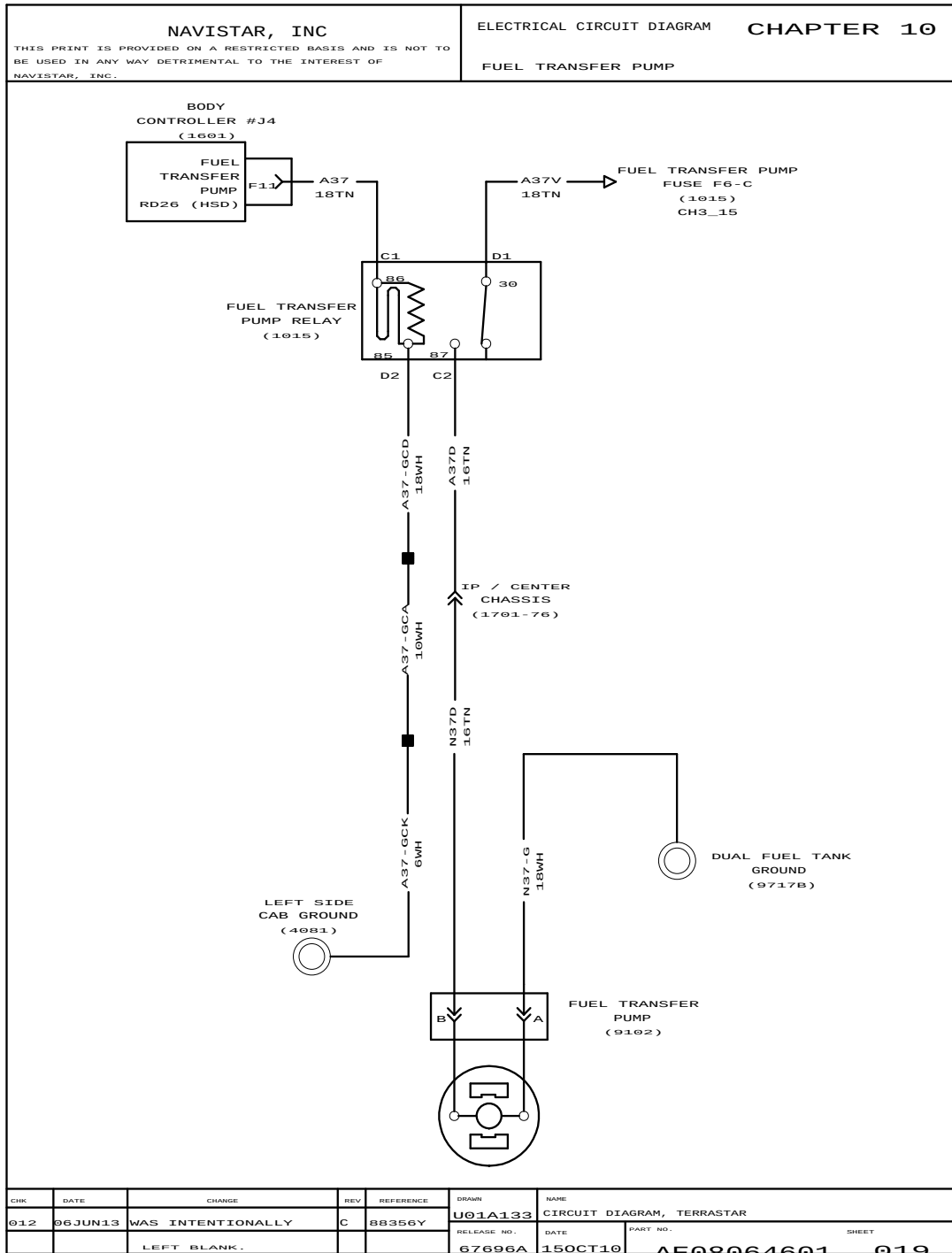


Figure 127 Transfer Case Effects

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 10.22. FUEL TRANSFER PUMP, P. 19





## 10.23. TRAILER SOCKET – EOF, P. 20

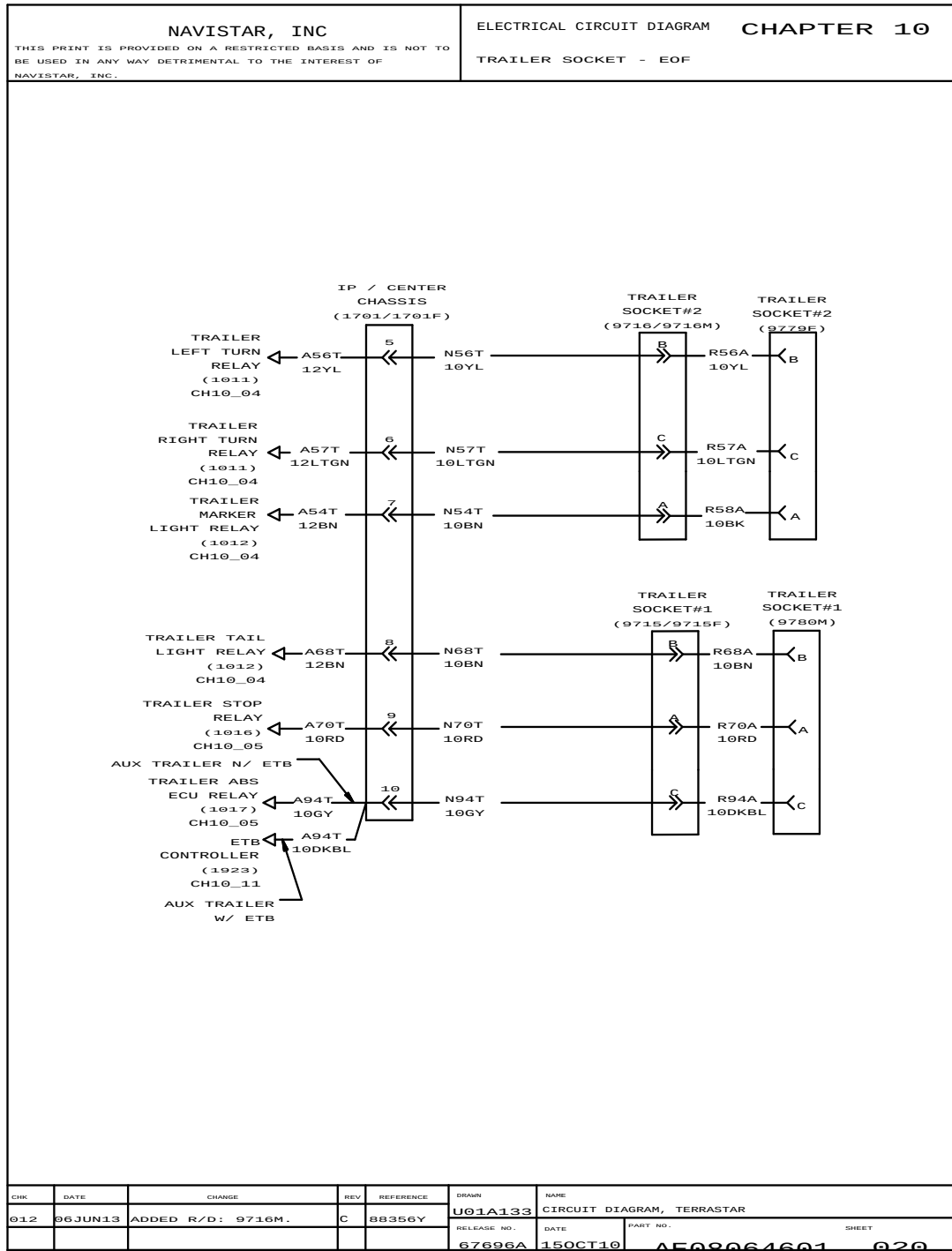


Figure 129 Trailer Socket – EOF

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 10.24. BODY BUILDER &amp; TRAILER SOCKET – BOC &amp; EOF, P. 21

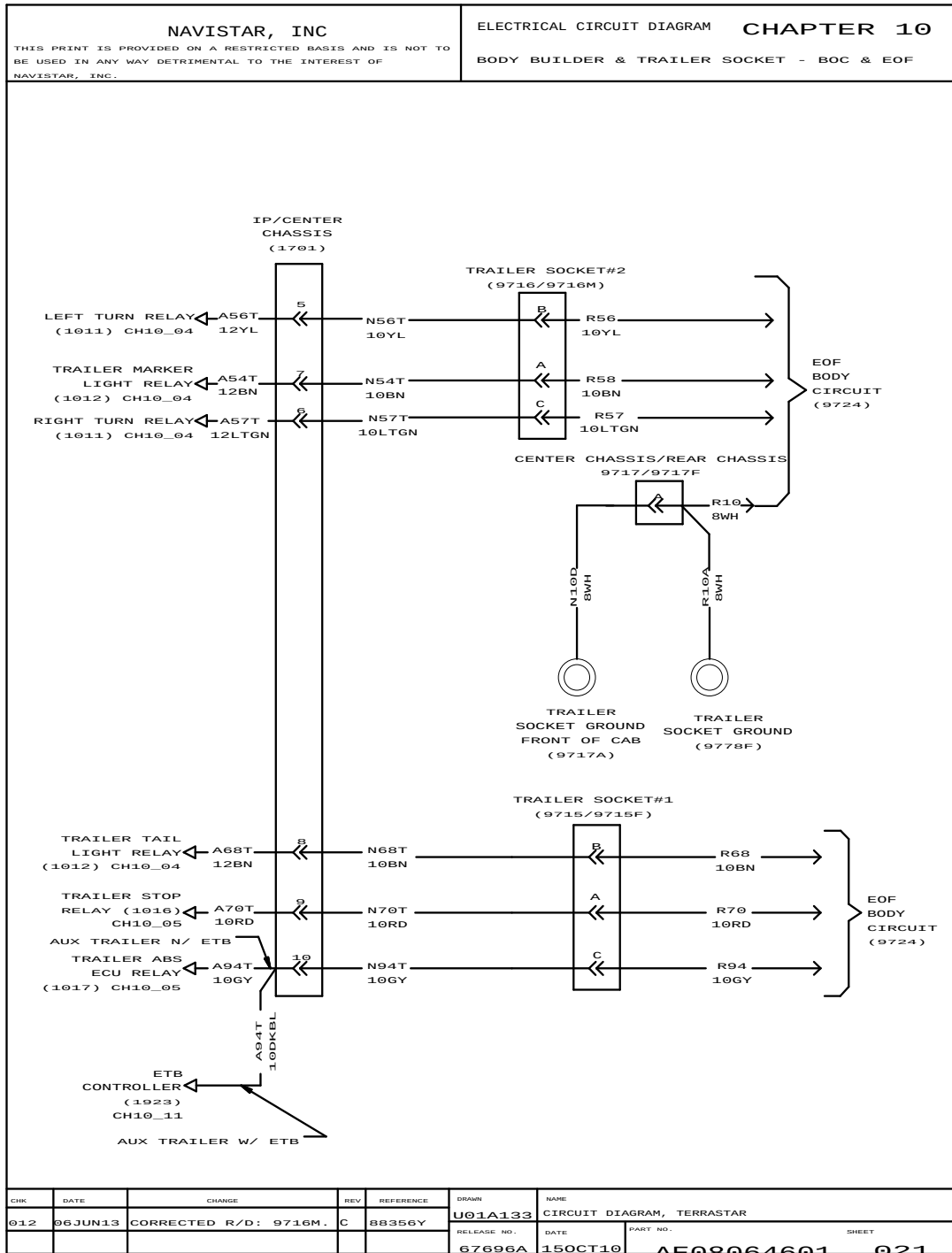


Figure 130 Body Builder &amp; Trailer Socket – BOC &amp; EOF

## 10.25. AUX TRAILER CIRCUIT, P. 22

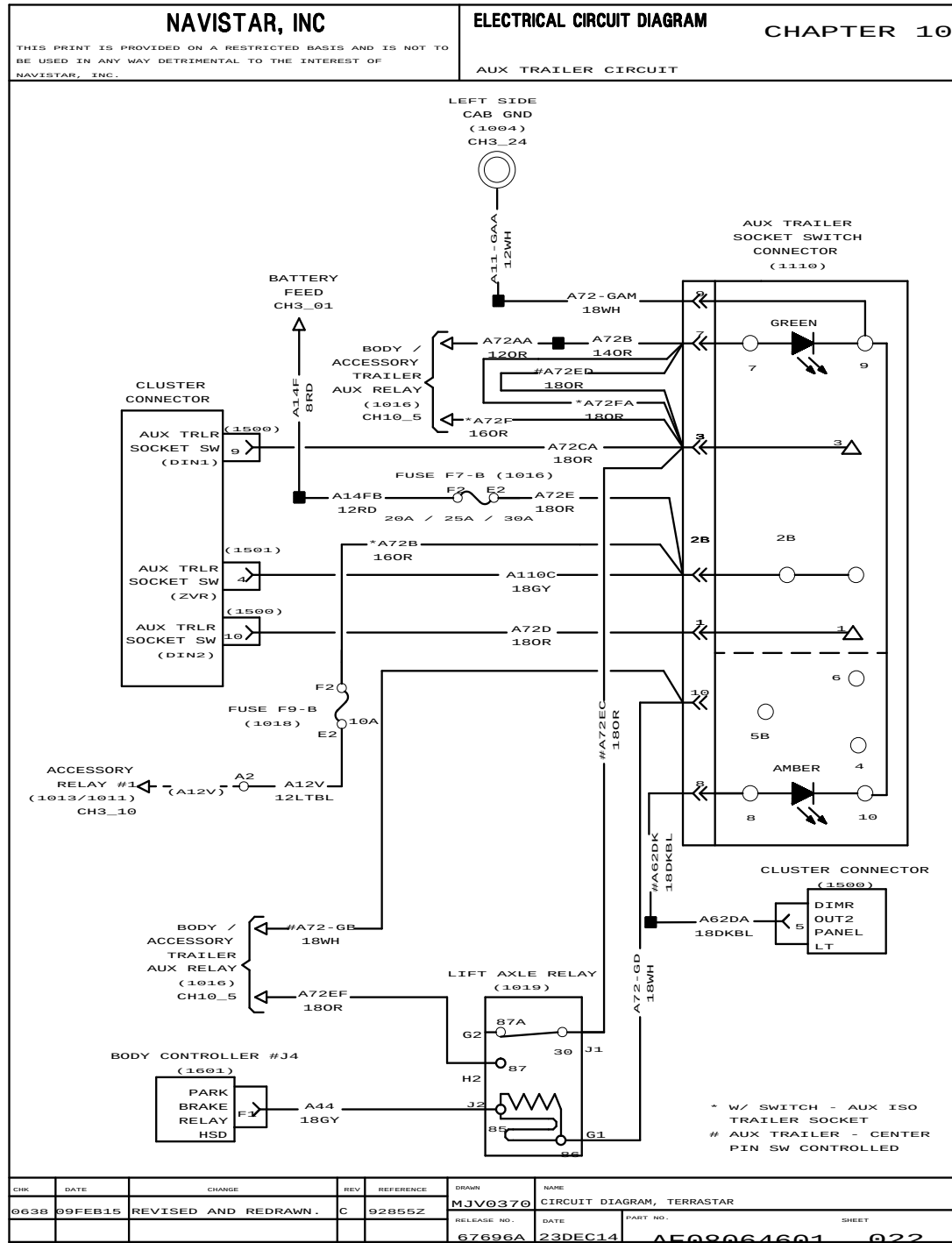


Figure 131 Aux Trailer Circuit

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 10.26. TRANSFER CASE EFFECTS WITH CONTROLS FOR ONE LIFT AXLE, P. 23

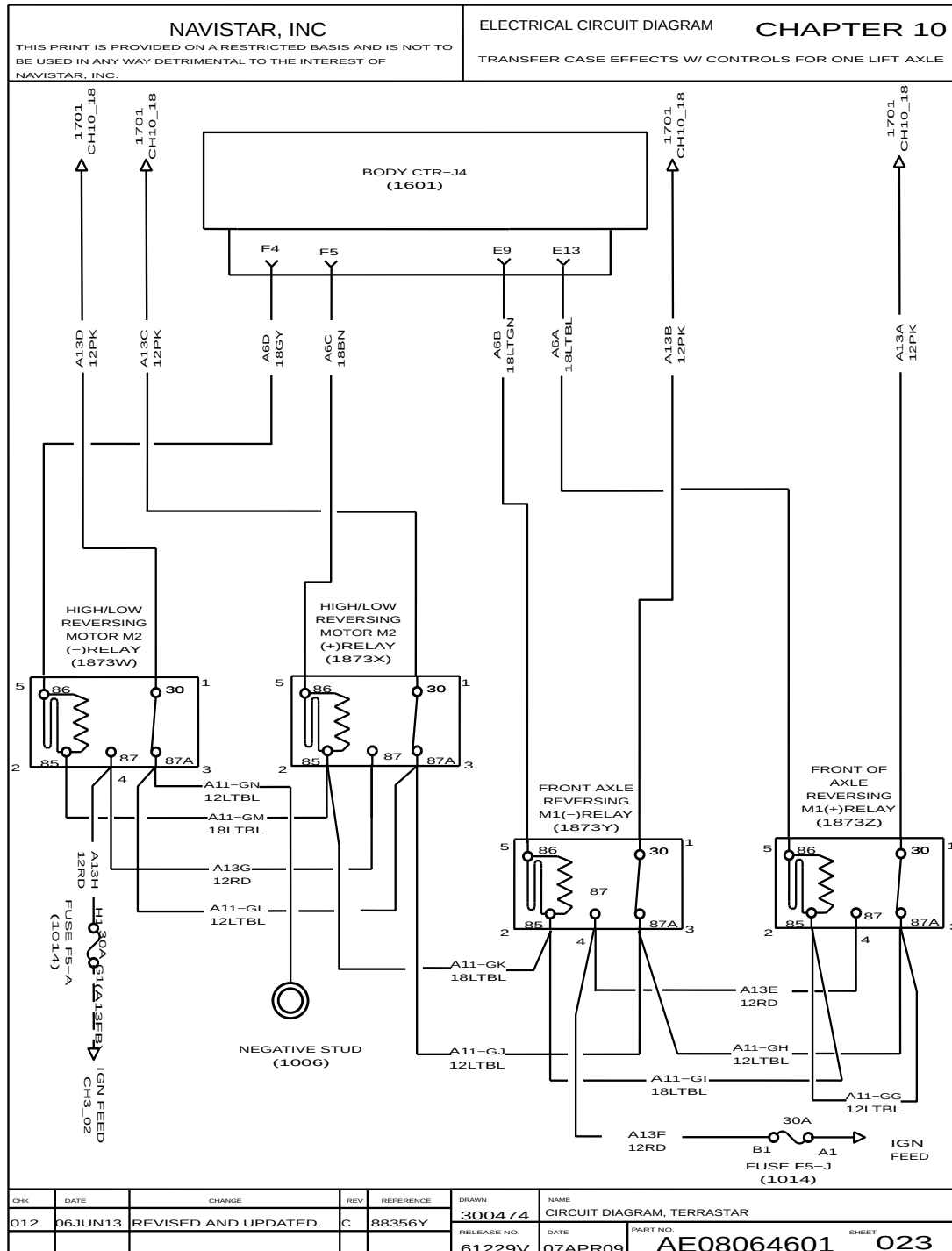


Figure 132 Transfer Case Effects with Controls for One Lift Axle

## 10.27. INTENTIONALLY LEFT BLANK, P. 24

|                                                                                                                             |         |                   |     |                                   |             |                            |            |
|-----------------------------------------------------------------------------------------------------------------------------|---------|-------------------|-----|-----------------------------------|-------------|----------------------------|------------|
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|                                                                                                                             |         |                   |     | LIFT AXLE (NON - STEERABLE)       |             |                            |            |
| <h1>INTENTIONALLY<br/>LEFT BLANK</h1>                                                                                       |         |                   |     |                                   |             |                            |            |
| CHK                                                                                                                         | DATE    | CHANGE            | REV | REFERENCE                         | DRAWN       | NAME                       |            |
| CNA1                                                                                                                        | 25MAR11 | REMOVED GEOMETRY. | B   | 76076F                            | U01A133     | CIRCUIT DIAGRAM, TERRASTAR |            |
|                                                                                                                             |         |                   |     |                                   | RELEASE NO. | DATE                       | PART NO.   |
|                                                                                                                             |         |                   |     |                                   | 67696A      | 15OCT10                    | AE08064601 |
|                                                                                                                             |         |                   |     |                                   |             |                            | 024        |

Figure 133 Intentionally Left Blank

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 10.28. INTENTIONALLY LEFT BLANK, P. 25

|                                                                                                                                                                    |                     |                       |                    |                                                                                        |                            |                            |                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------|--------------------|----------------------------------------------------------------------------------------|----------------------------|----------------------------|-------------------------|
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| INTENTIONALLY<br>LEFT BLANK                                                                                                                                        |                     |                       |                    |                                                                                        |                            |                            |                         |
| <small>CHK</small>                                                                                                                                                 | <small>DATE</small> | <small>CHANGE</small> | <small>REV</small> | <small>REFERENCE</small>                                                               | <small>DRAWN</small>       | <small>NAME</small>        |                         |
| CNA1                                                                                                                                                               | 25MAR11             | REMOVED GEOMETRY.     | B                  | 76076F                                                                                 | U01A133                    | CIRCUIT DIAGRAM, TERRASTAR |                         |
|                                                                                                                                                                    |                     |                       |                    |                                                                                        | <small>RELEASE NO.</small> | <small>DATE</small>        | <small>PART NO.</small> |
|                                                                                                                                                                    |                     |                       |                    |                                                                                        | 67696A                     | 15OCT10                    | AE08064601 025          |

Figure 134 Intentionally Left Blank

10.29. INTENTIONALLY LEFT BLANK, P. 26

|                                                                                                                                                                    |                     |                       |                    |                                                                                                      |                            |                            |                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------|--------------------|------------------------------------------------------------------------------------------------------|----------------------------|----------------------------|-------------------------|
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| INTENTIONALLY<br>LEFT BLANK                                                                                                                                        |                     |                       |                    |                                                                                                      |                            |                            |                         |
| <small>CHK</small>                                                                                                                                                 | <small>DATE</small> | <small>CHANGE</small> | <small>REV</small> | <small>REFERENCE</small>                                                                             | <small>DRAWN</small>       | <small>NAME</small>        |                         |
| CNA1                                                                                                                                                               | 25MAR11             | REMOVED GEOMETRY.     | B                  | 76076F                                                                                               | U01A133                    | CIRCUIT DIAGRAM, TERRASTAR |                         |
|                                                                                                                                                                    |                     |                       |                    |                                                                                                      | <small>RELEASE NO.</small> | <small>DATE</small>        | <small>PART NO.</small> |
|                                                                                                                                                                    |                     |                       |                    |                                                                                                      | 67696A                     | 15OCT10                    | AE08064601 026          |

Figure 135 Intentionally Left Blank

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 10.30. AIR HORN, P. 27

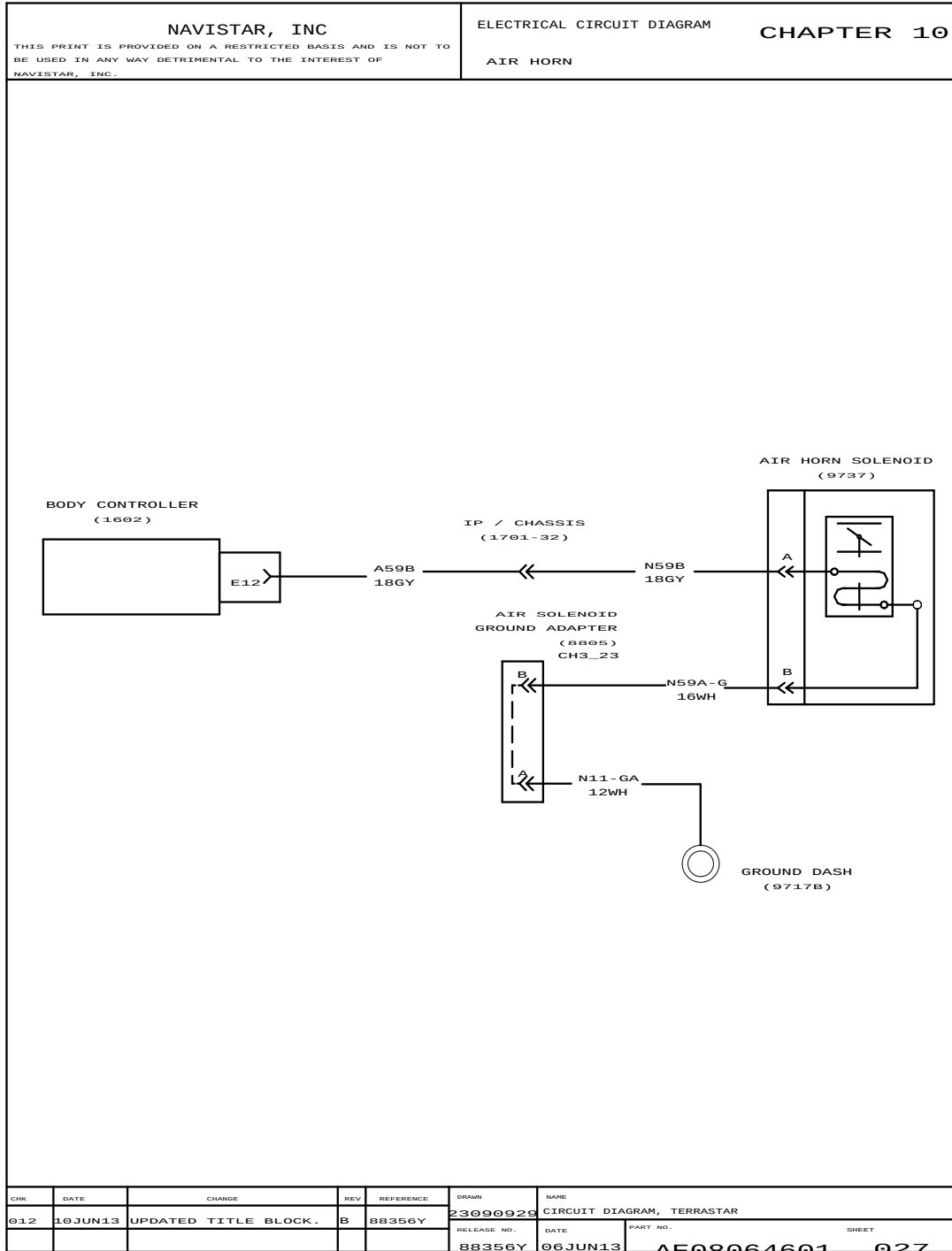


Figure 136 Air Horn



## 10.31. AIR SOLENOID 4-PACK, P. 28

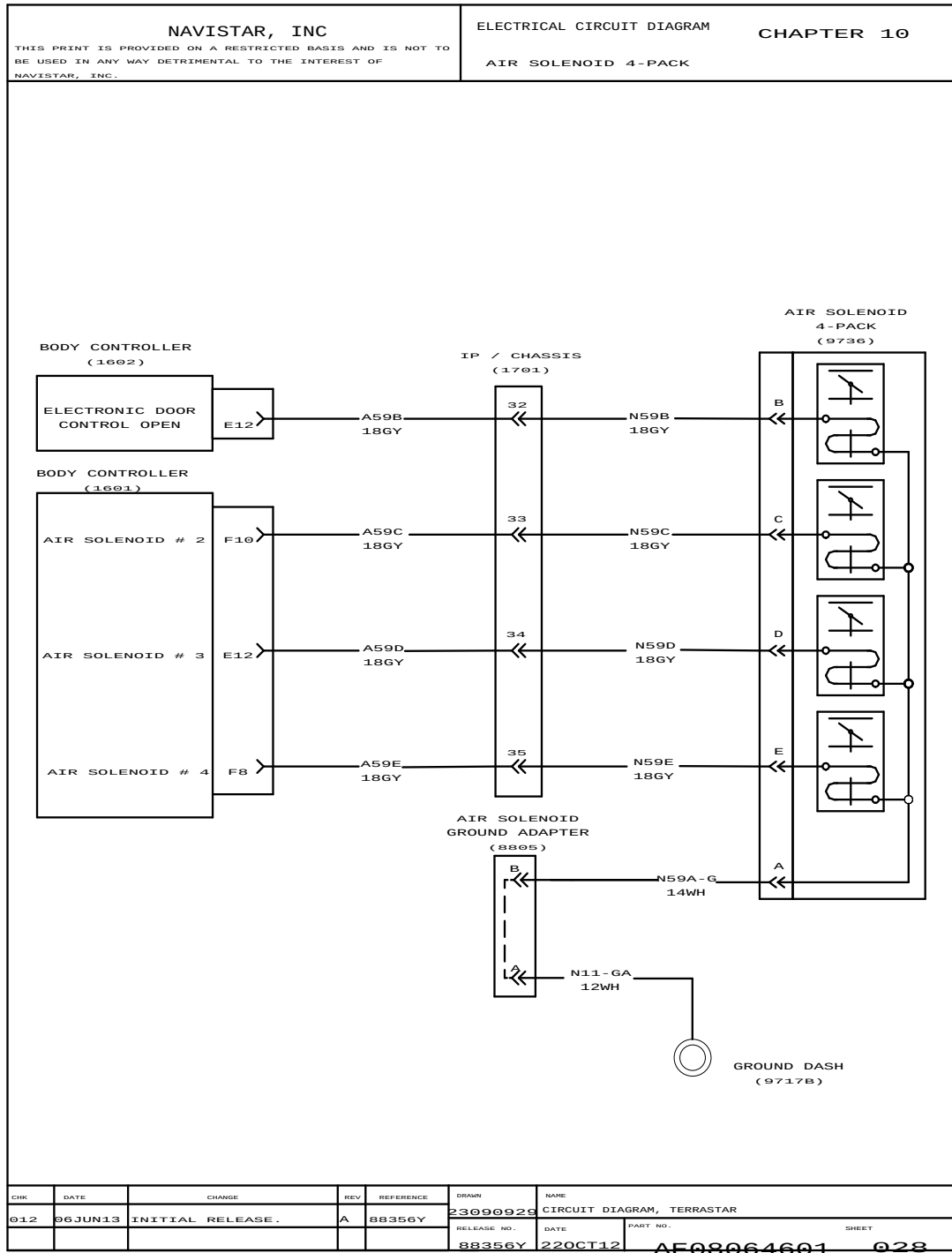


Figure 137 Air Solenoid 4-Pack

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 10.32. AIR SOLENOID 8-PACK, P. 29

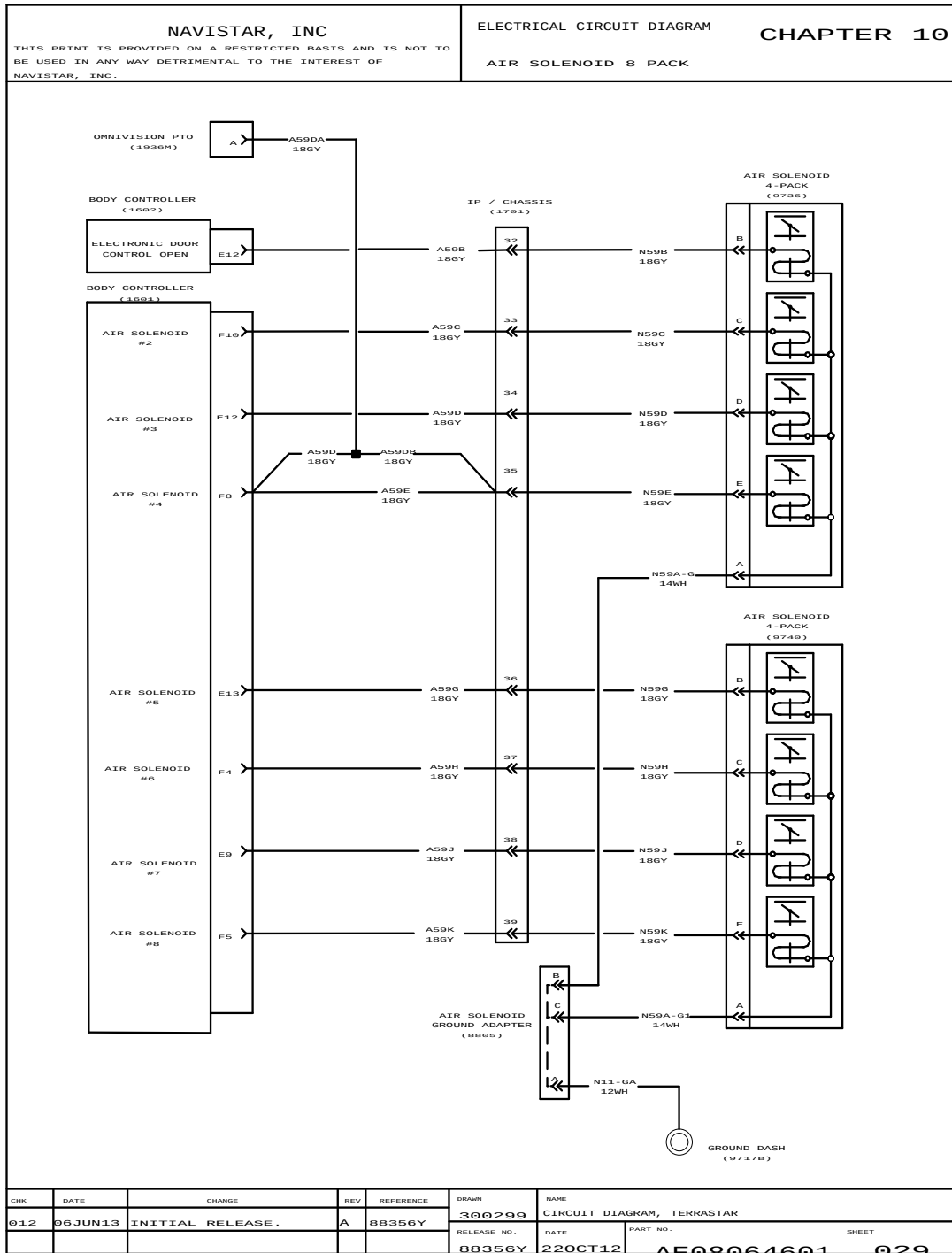


Figure 138 Air Solenoid 8-Pack

## TRANSMISSION (CHAPTER 11)

## 11.1. ALLISON GEN 4 1/2000 TRANSMISSION, P. 1

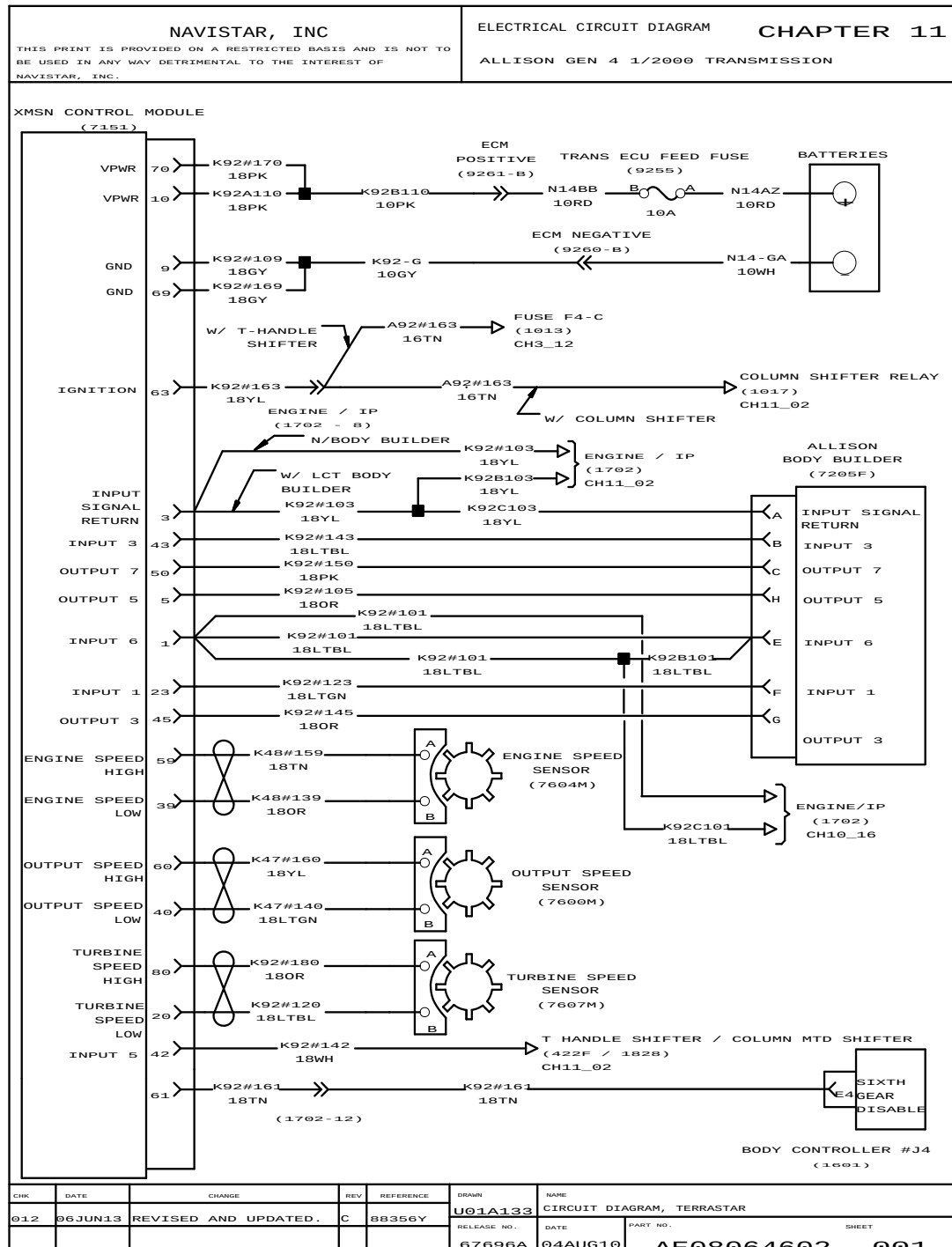


Figure 139 Allison Gen 4 1/2000 Transmission

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

### 11.2. ALLISON GEN 4 1/2000 TRANSMISSION (CONT.), P. 2

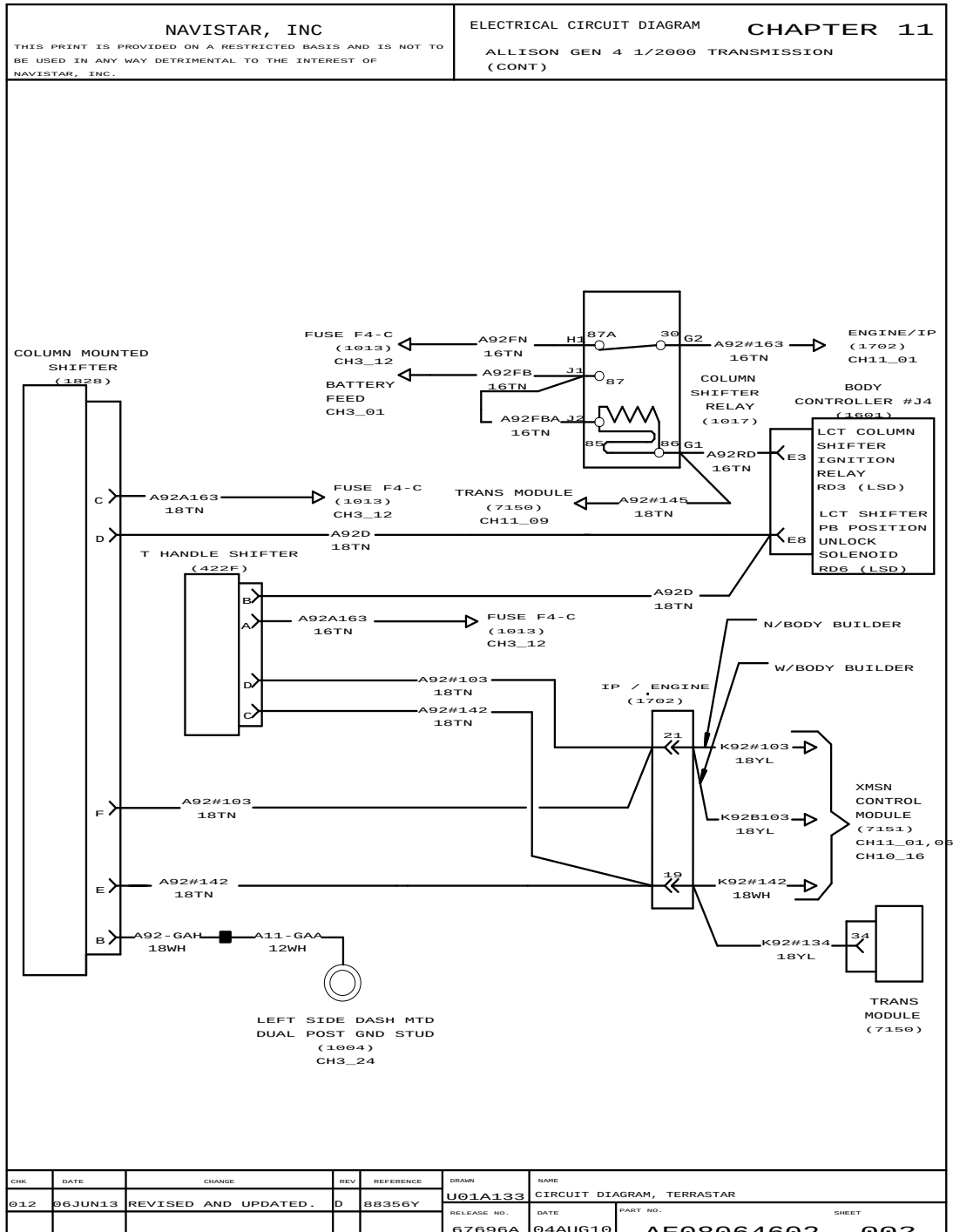


Figure 140 Allison Gen 4 1/2000 Transmission (Cont.)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 11.3. ALLISON GEN 1/2000 TRANSMISSION, P. 3

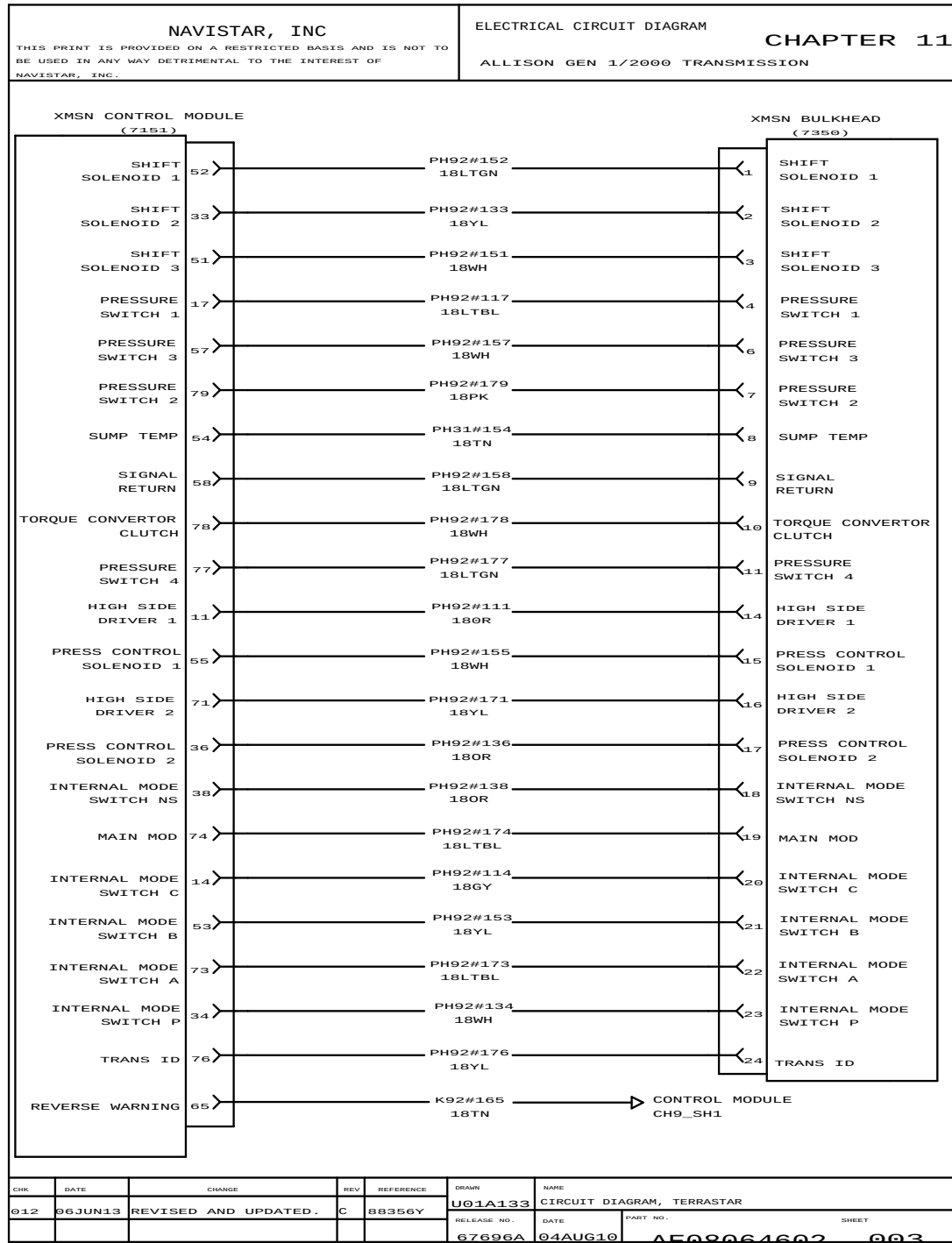


Figure 141 Allison Gen 1/2000 Transmission

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 11.4. TRANSMISSION ALLISON MD (WTEC), P. 4

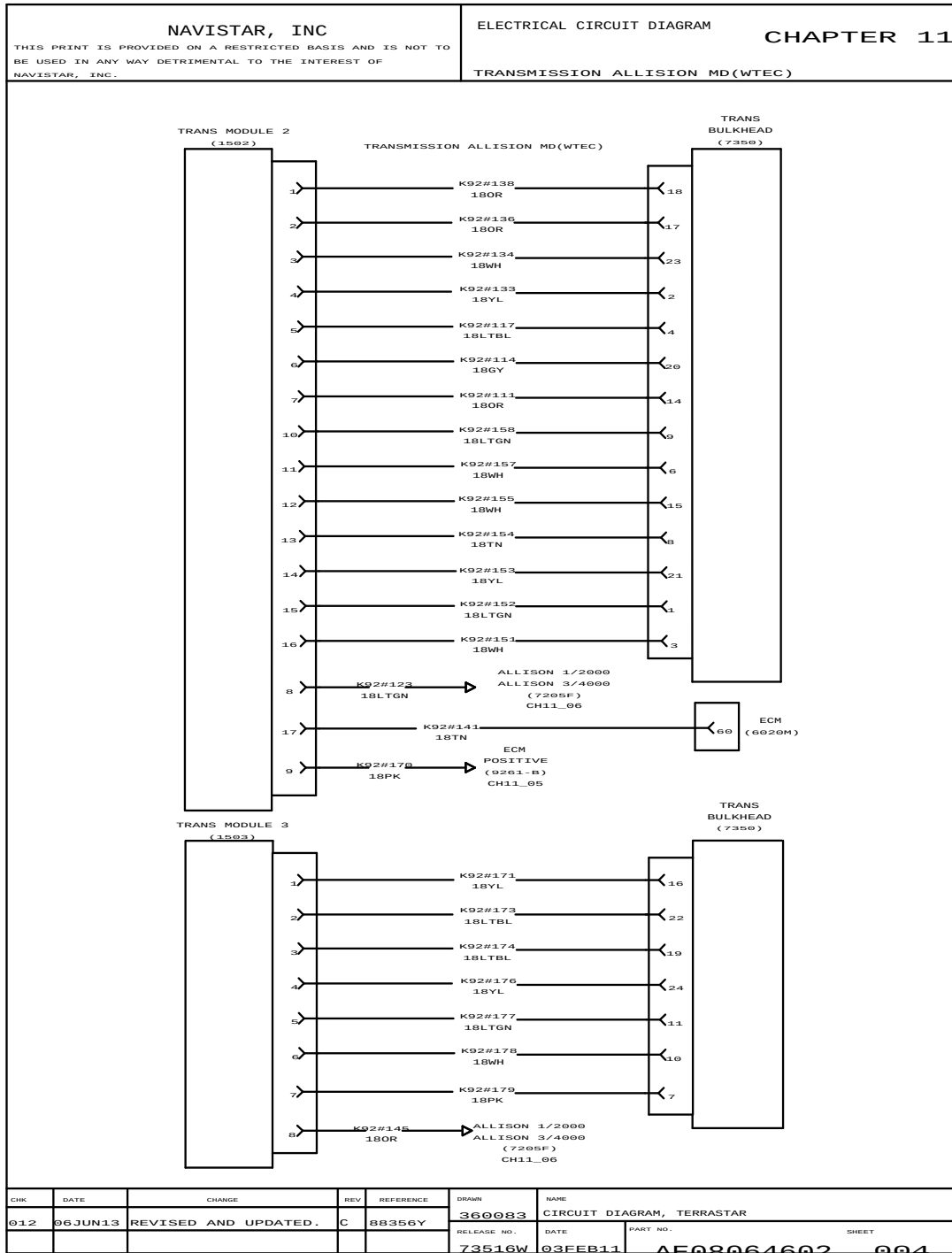


Figure 142 Transmission Allison MD (WTEC)

## 11.5. ALLISON TRANSMISSION 1/2000 WITH IN-CAB TCM, P. 5

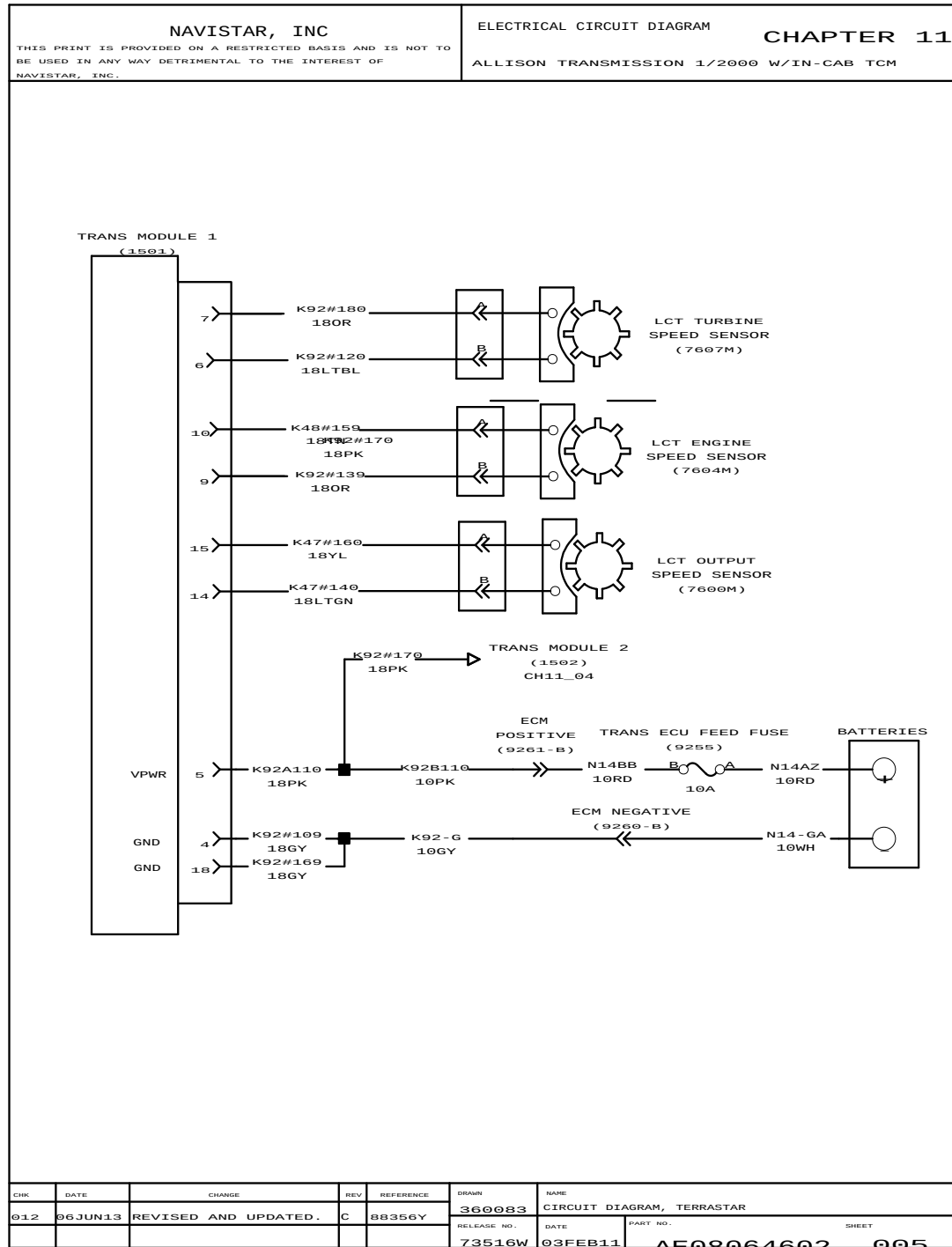


Figure 143 Allison Transmission 1/2000 with In-Cab TCM

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 11.6. SHIFTER INTERLOCK EFFECTS, P. 6

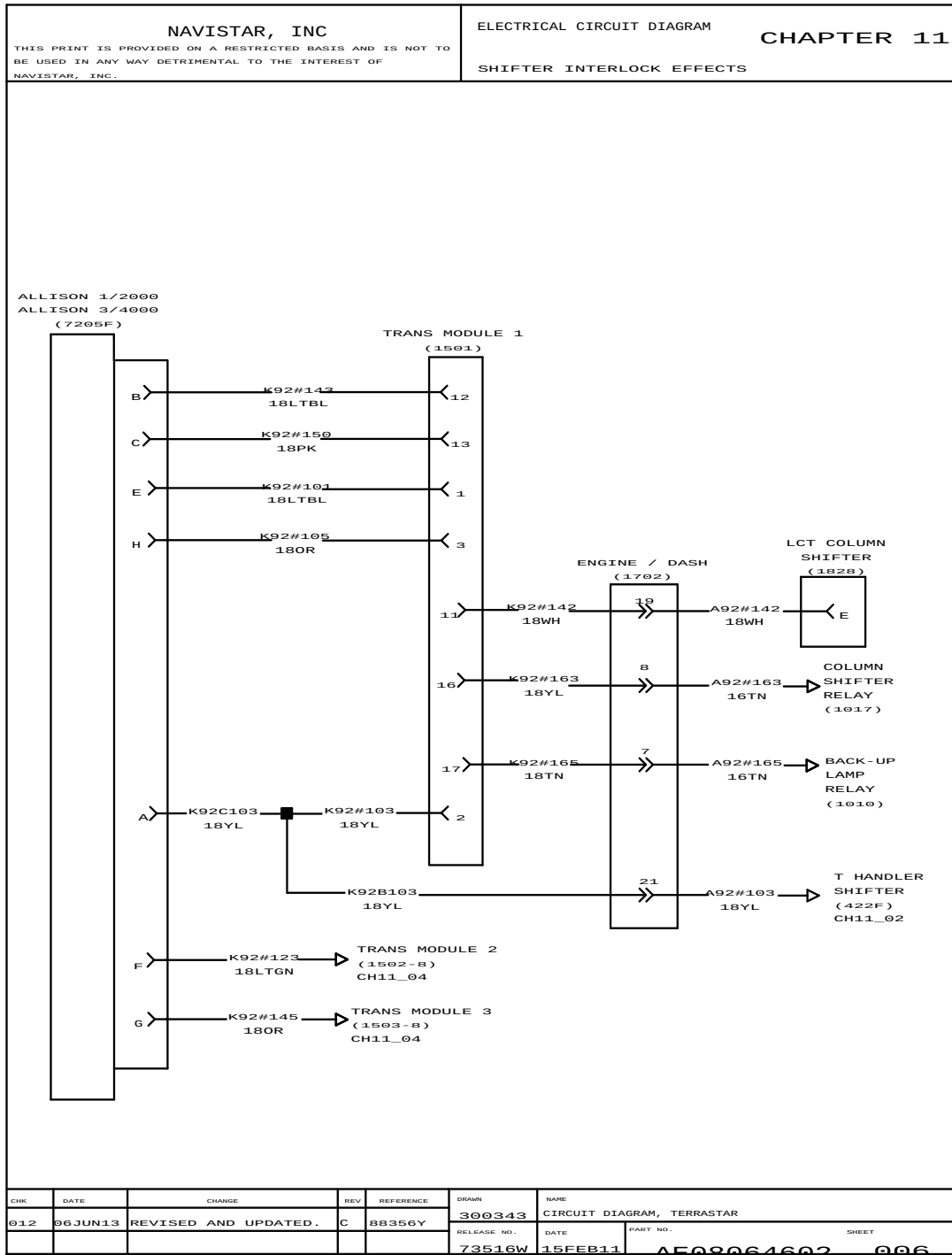


Figure 144 Shifter Interlock Effects



## 11.7. SHIFTER INTERLOCK EFFECT (CONT.), P. 7

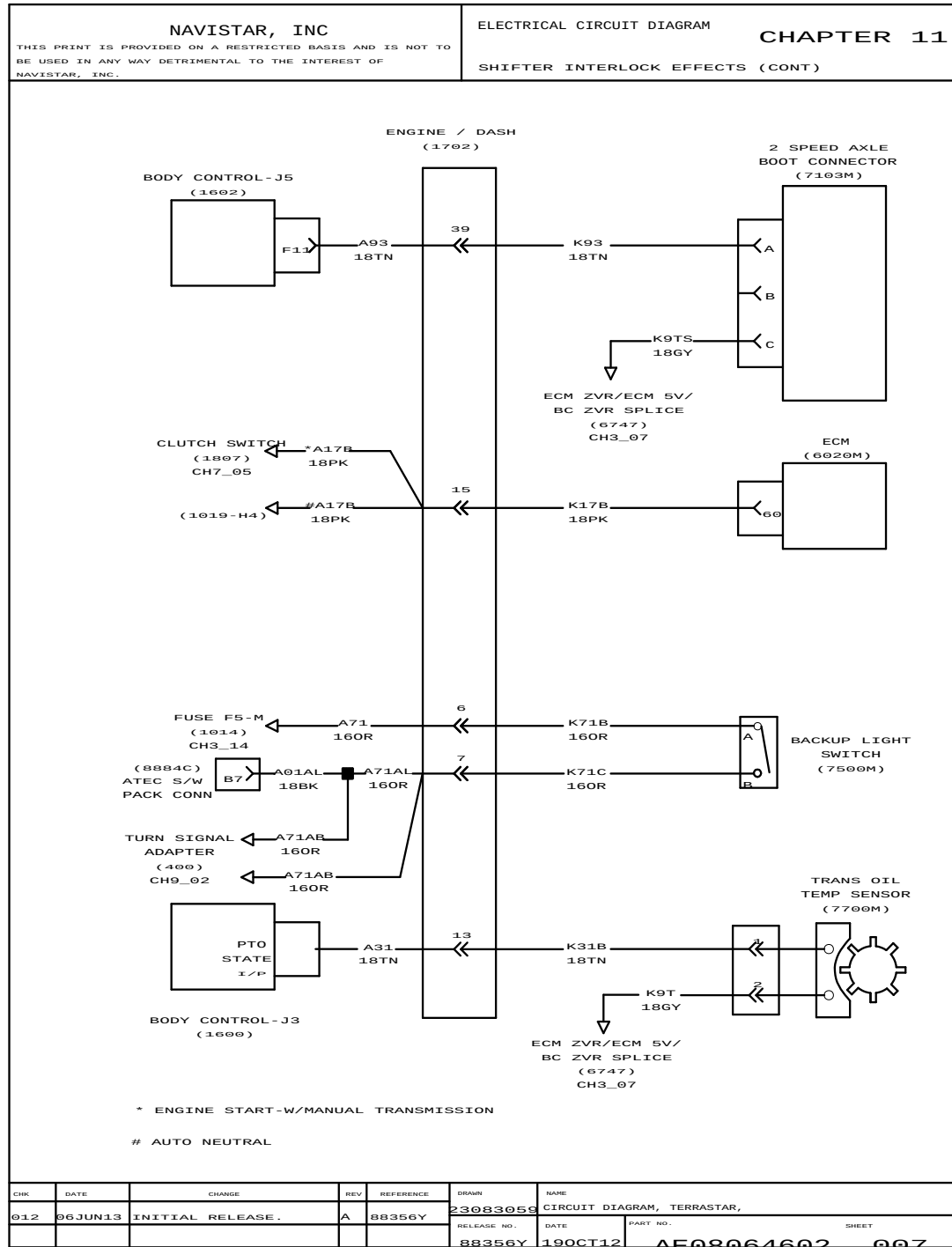


Figure 145 Shifter Interlock Effect (Cont.)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 11.8. ALLISON WTEC TRANSMISSION GEN 8, P. 8

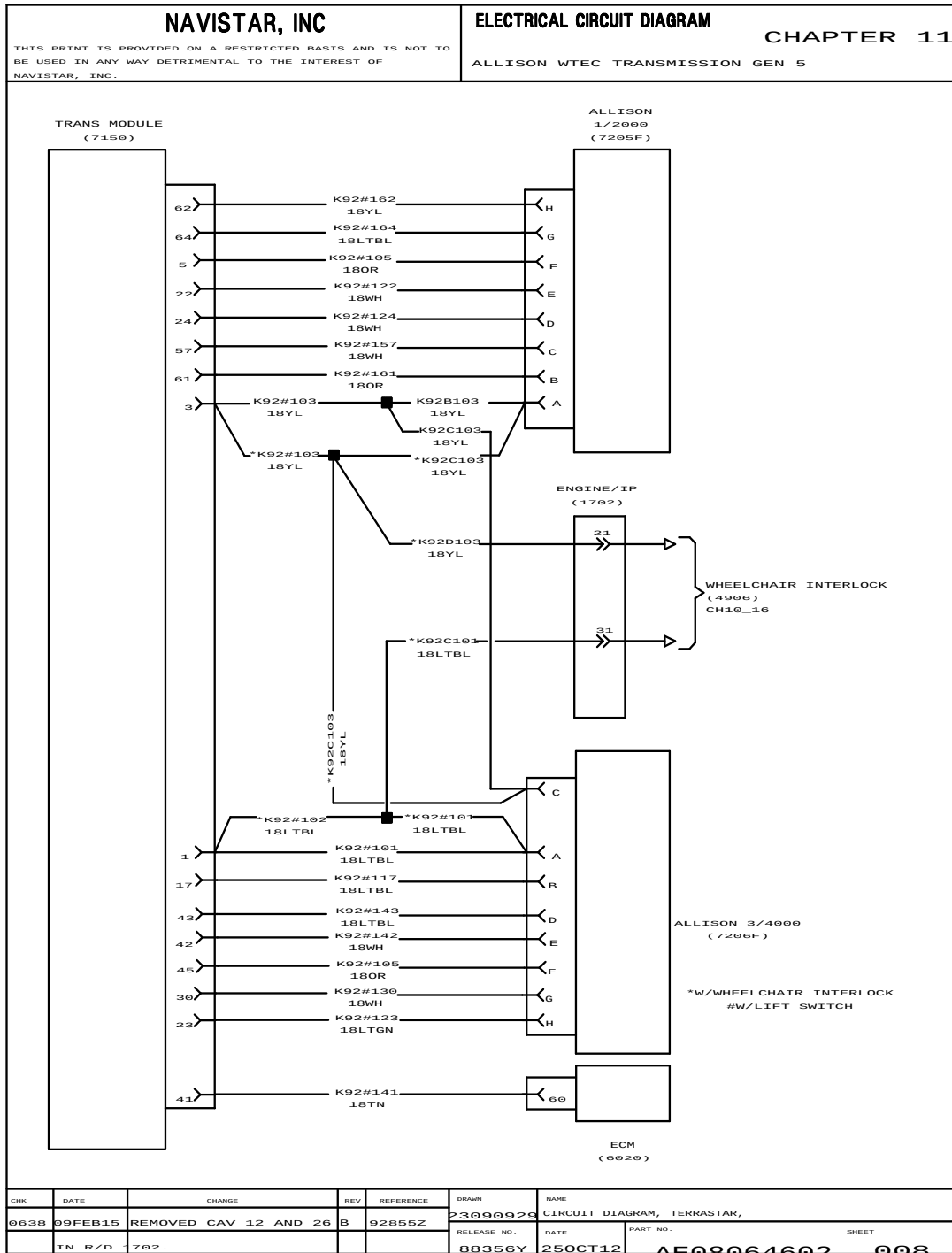


Figure 146 Allison WTEC Transmission Gen 8

## 11.9. WTEC GEN 4 TRANSMISSION, P. 9

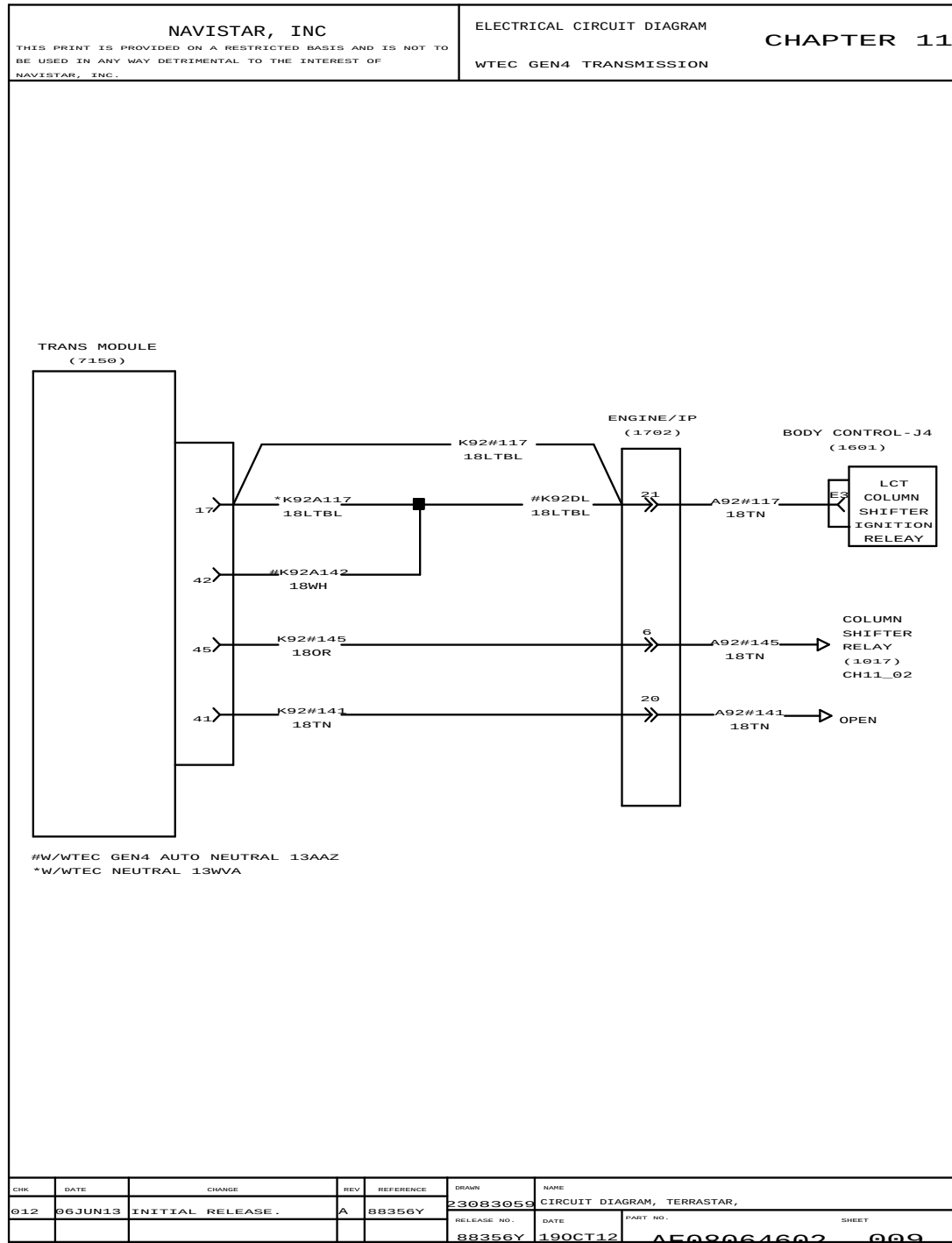


Figure 147 WTEC GEN 4 Transmission

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 11.10. WTEC GEN 4 TRANSMISSION (CONT.), P. 10

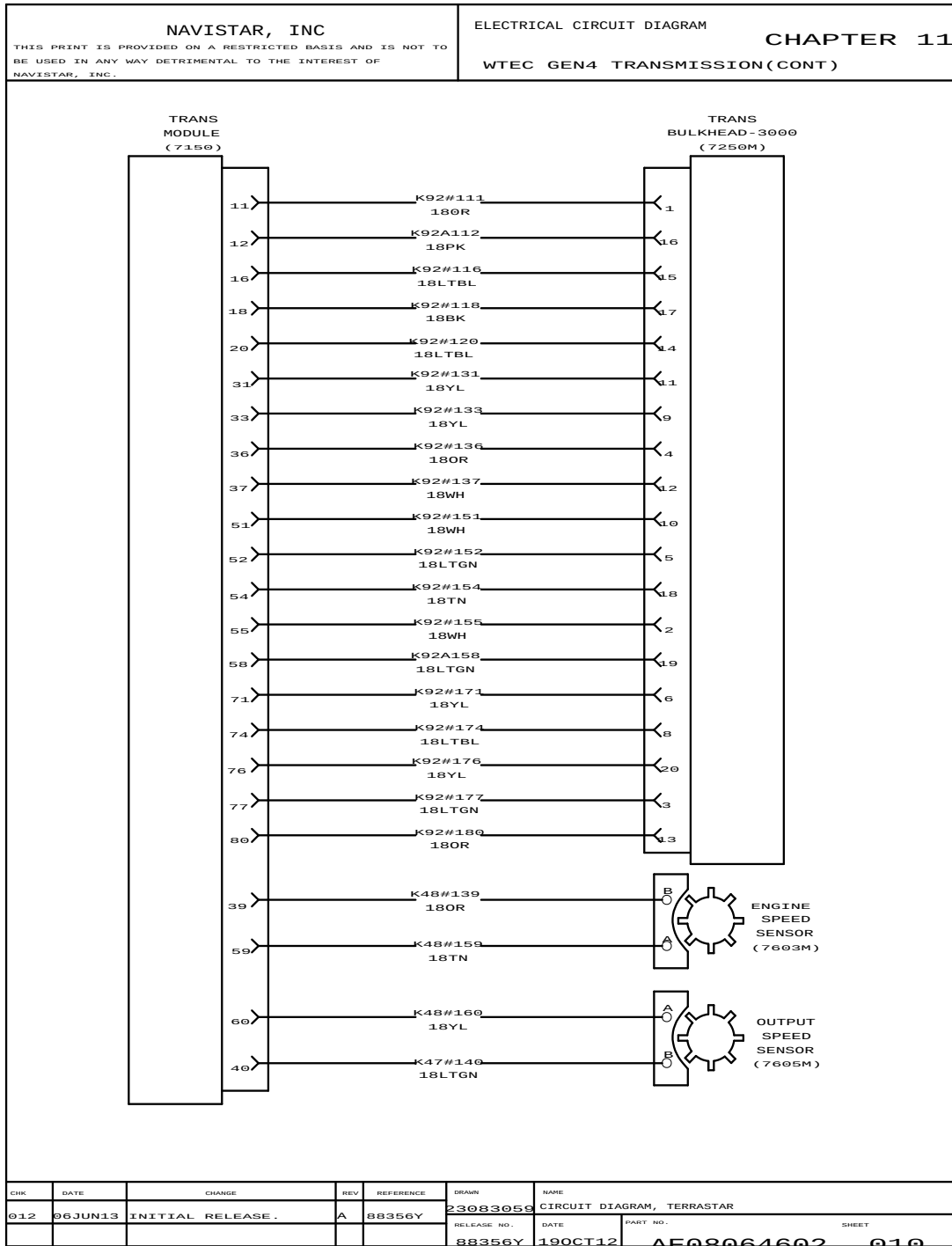


Figure 148 WTEC GEN 4 Transmission (Cont.)

# 11.11. TRANSMISSION RETARDER CONTROLS WIRING WITH MD TRANSMISSION HARD WIRED EFFECTS, P. 11

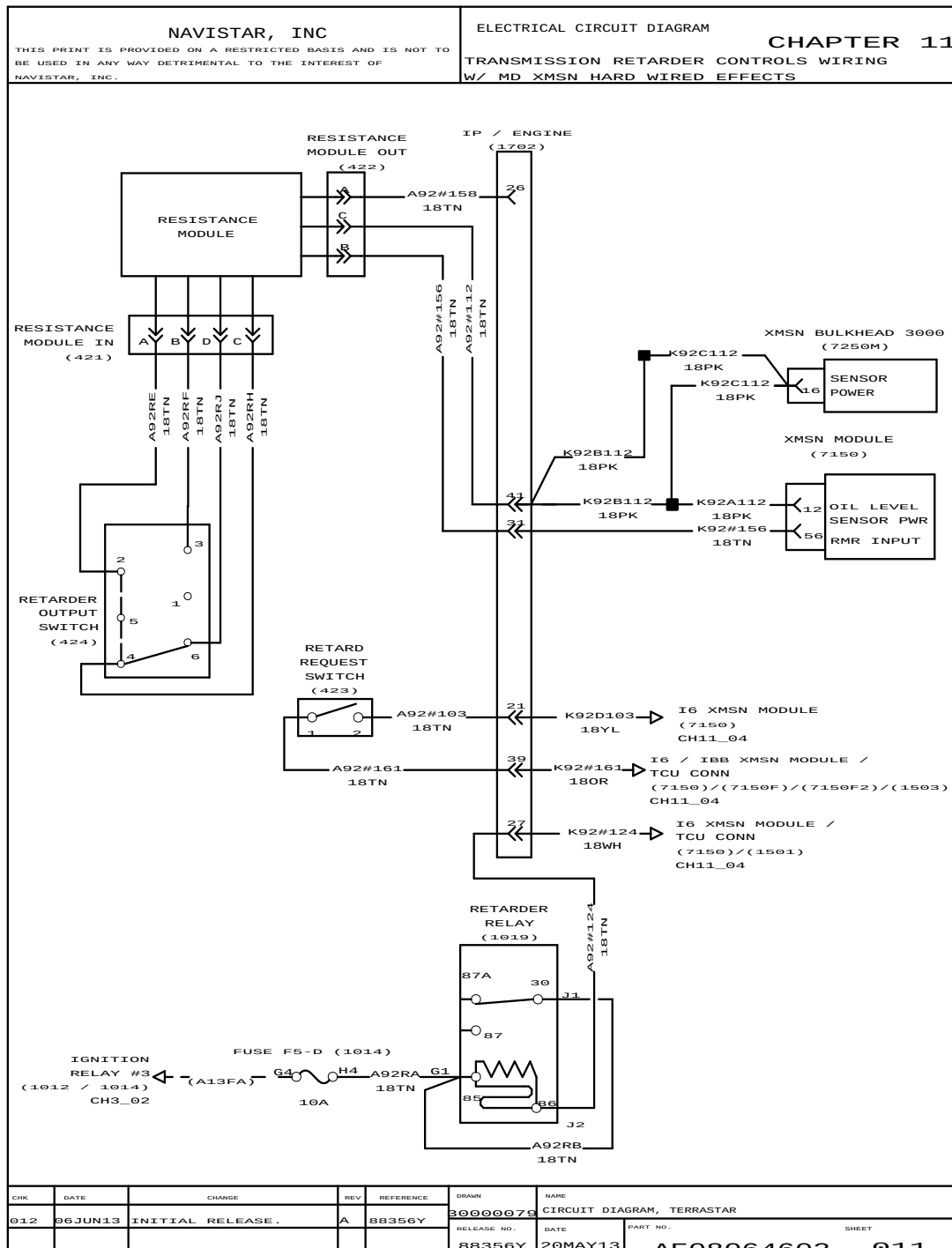


Figure 149 Transmission Retarder Controls Wiring with MD Transmission Hard Wired Effects

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## AIR CONDITIONING (CHAPTER 12)

## 12.1. HVAC SYSTEM, P. 1

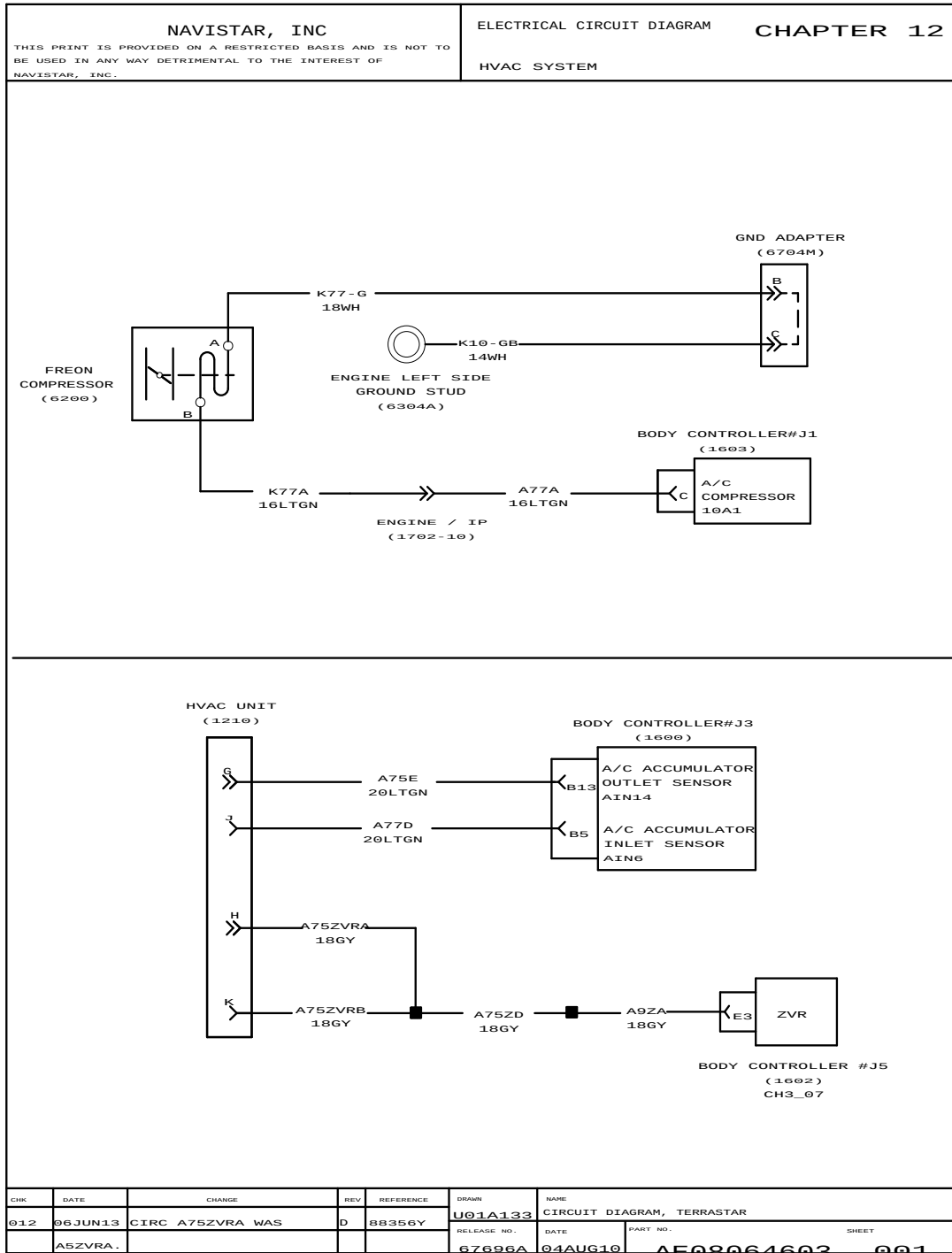


Figure 150 HVAC System

## 12.2. HVAC SYSTEM (CONT.), P. 2

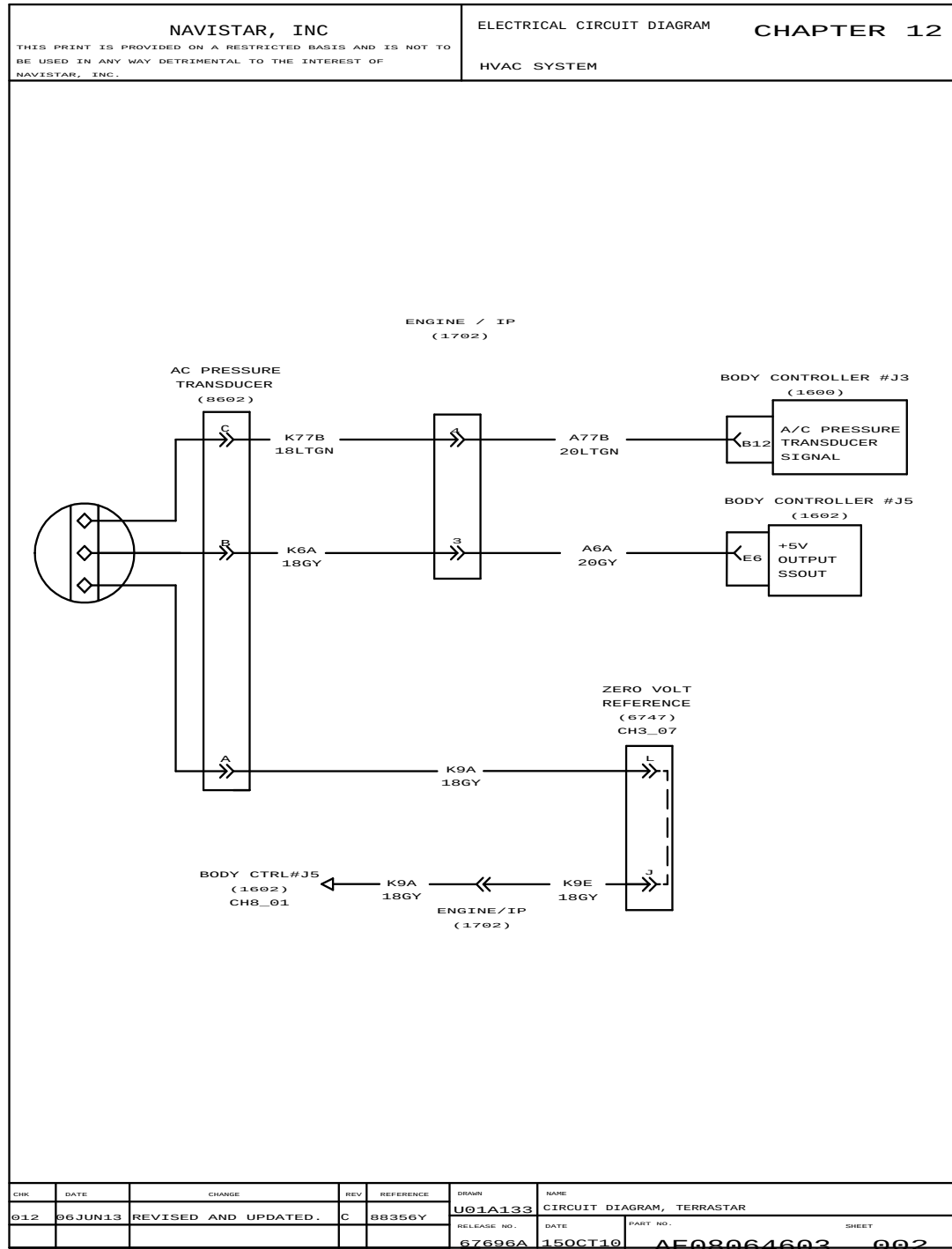


Figure 151 HVAC System

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 12.3. AIR CONDITIONING, P. 3

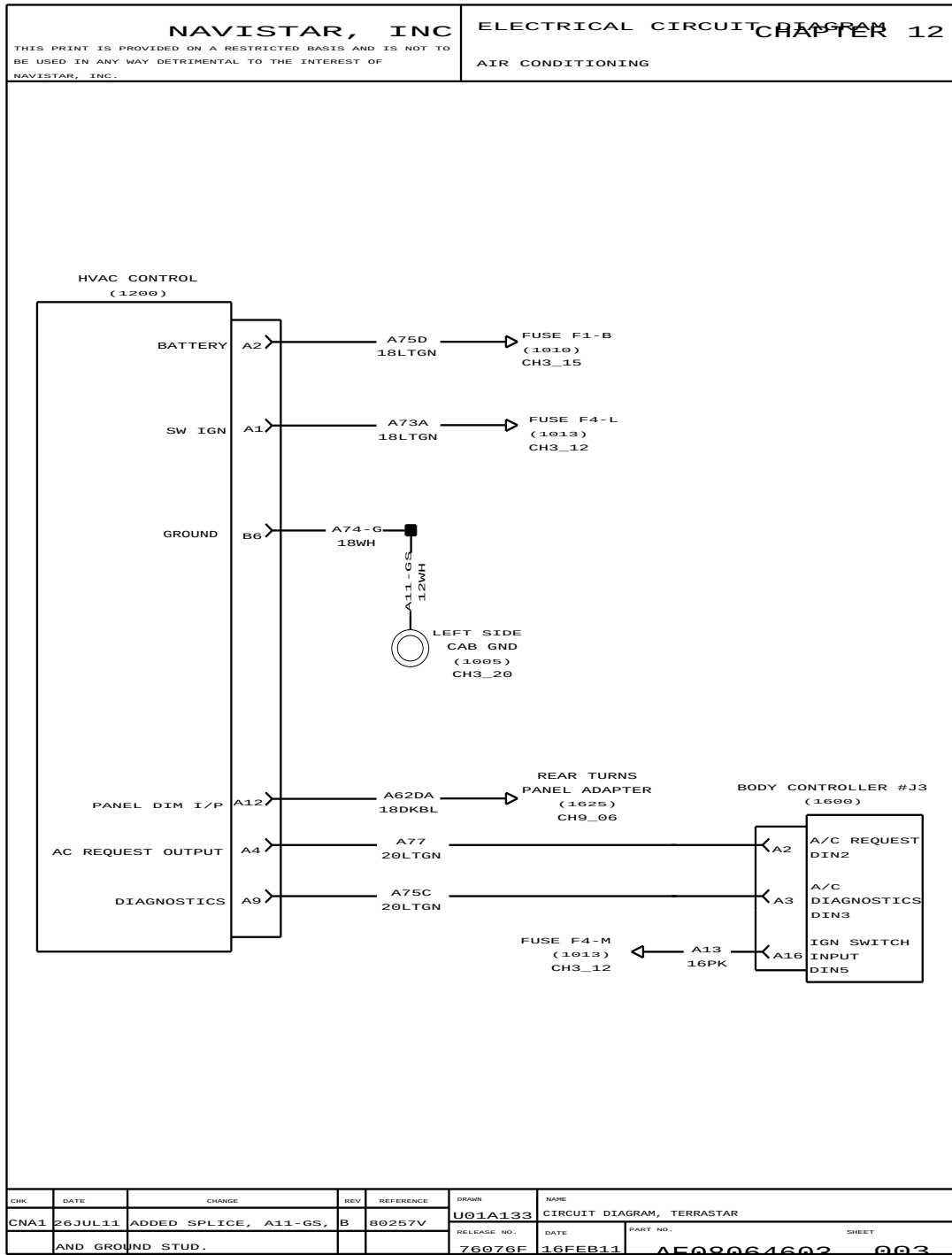


Figure 152 Air Conditioning



## 12.4. AIR CONDITIONING (CONT.), P. 4

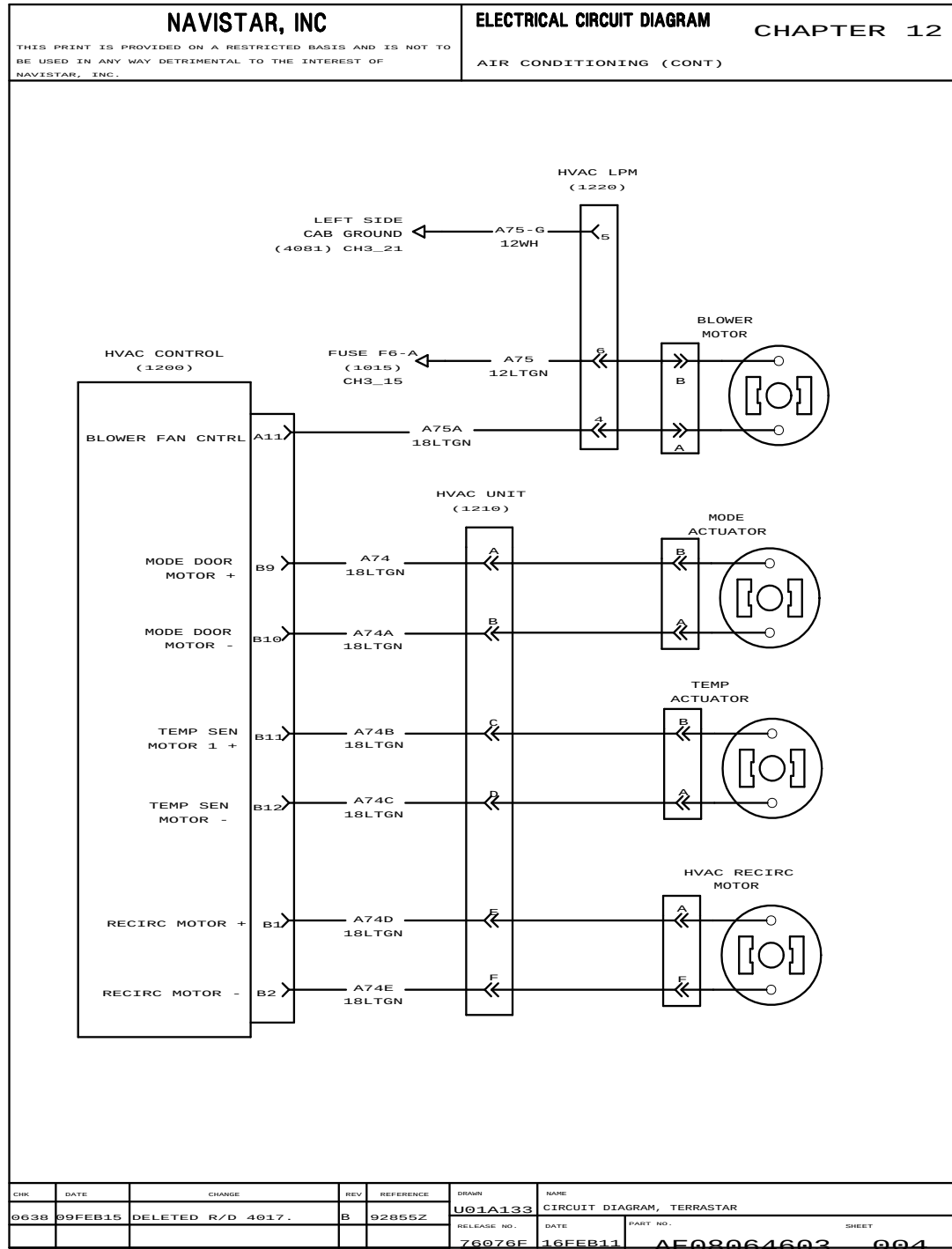


Figure 153 Air Conditioning (Cont.)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## CONNECTOR BODY COMPOSITES (CHAPTER 13)

## 13.1. CONNECTOR BODY COMPOSITES (71 / 72 / 254F / 254M / 400), P. 1

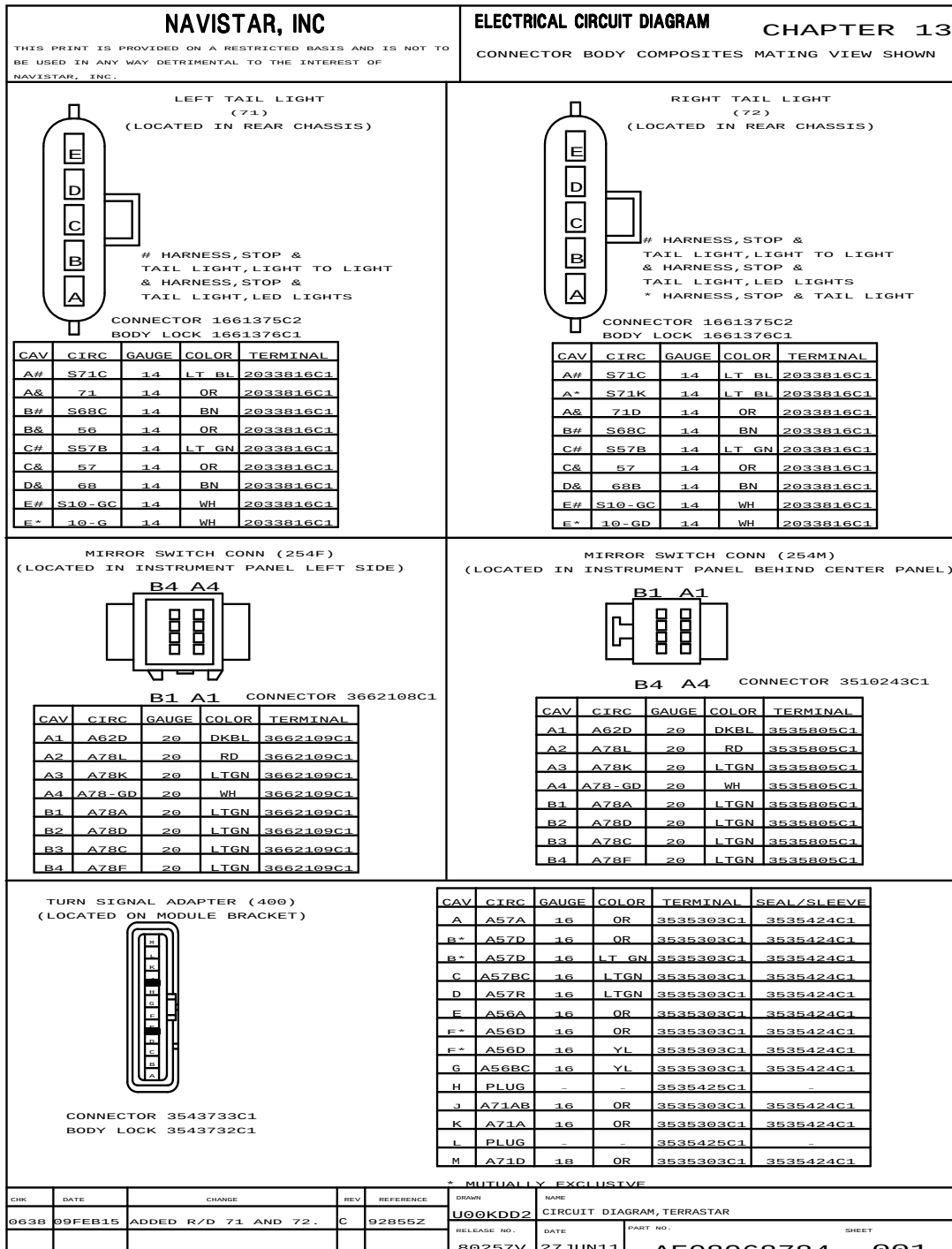


Figure 154 Connector Body Composites (71 / 72 / 254F / 254M / 400)

## 13.2. CONNECTOR BODY COMPOSITES (421 / 422 / 422F / 423), P. 2

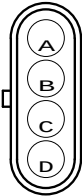
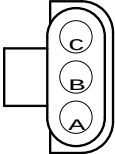
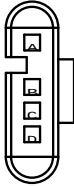
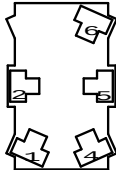
| NAVISTAR, INC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |                    |       | ELECTRICAL CIRCUIT DIAGRAM                  |             | CHAPTER 13                 |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------|-------|---------------------------------------------|-------------|----------------------------|-----|------|--------|-------|-----------|-------------|---------|---------|---------|--------------------|-----------|-----------|---------|----------------------------|-----------|----|-----------|-----------|---|-------------|------|------|-----------|-----------|----|---------|--------|----|-----------|-----------|----|---------|----|----------|-----------|-----------|----|---------|----|----|------------|-----------|
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |                    |       | CONNECTOR BODY COMPOSITES MATING VIEW SHOWN |             |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| <p>RESISTANCE MODULE IN (421)<br/>(LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p>CONNECTOR 0587571C91</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |                    |       |                                             |             |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
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| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | CIRC    | GAUGE              | COLOR | TERMINAL                                    | SEAL/SLEEVE |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A92RE   | 18                 | TN    | 0587578C1                                   | 3517771C1   |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A92RF   | 18                 | TN    | 0587578C1                                   | 3517771C1   |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A92RH   | 18                 | TN    | 0587578C1                                   | 3517771C1   |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A92RJ   | 18                 | TN    | 0587578C1                                   | 3517771C1   |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| <p>RESISTANCE MODULE OUT (422)<br/>(LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p>CONNECTOR 3519221C91</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |                    |       |                                             |             |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>CAV</th><th>CIRC</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>A92#158</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr><tr><td>B</td><td>A92#156</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr><tr><td>C</td><td>A92#112</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr></tbody></table>                                                                                                                                                                                                                                                                                                                                                |         |                    |       |                                             |             |                            | CAV | CIRC | GAUGE  | COLOR | TERMINAL  | SEAL/SLEEVE | A       | A92#158 | 18      | TN                 | 0587578C1 | 3517771C1 | B       | A92#156                    | 18        | TN | 0587578C1 | 3517771C1 | C | A92#112     | 18   | TN   | 0587578C1 | 3517771C1 |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | CIRC    | GAUGE              | COLOR | TERMINAL                                    | SEAL/SLEEVE |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A92#158 | 18                 | TN    | 0587578C1                                   | 3517771C1   |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A92#156 | 18                 | TN    | 0587578C1                                   | 3517771C1   |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A92#112 | 18                 | TN    | 0587578C1                                   | 3517771C1   |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| <p>LCT T HANDLE SHIFTER (422F)<br/>(LOCATED IN INSTRUMENT PANEL)</p>  <p>CONNECTOR 3540756C1<br/>BODY LOCK 3540758C1</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |                    |       |                                             |             |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>CAV</th><th>CIRC</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>A92A163</td><td>16</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr><tr><td>B</td><td>A92D</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr><tr><td>C</td><td>A92#142</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr><tr><td>D*</td><td>A92A103</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr><tr><td>D*</td><td>A92#103</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr><tr><td>D*</td><td>A92B103</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr></tbody></table> <p style="text-align: center;">* MUTUALLY EXCLUSIVE</p> |         |                    |       |                                             |             |                            | CAV | CIRC | GAUGE  | COLOR | TERMINAL  | SEAL/SLEEVE | A       | A92A163 | 16      | TN                 | 1661875C1 | 1661872C1 | B       | A92D                       | 18        | TN | 1661875C1 | 3568570C1 | C | A92#142     | 18   | TN   | 1661875C1 | 3568570C1 | D* | A92A103 | 18     | TN | 1661875C1 | 3568570C1 | D* | A92#103 | 18 | TN       | 1661875C1 | 3568570C1 | D* | A92B103 | 18 | TN | 1661875C1  | 3568570C1 |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | CIRC    | GAUGE              | COLOR | TERMINAL                                    | SEAL/SLEEVE |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A92A163 | 16                 | TN    | 1661875C1                                   | 1661872C1   |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A92D    | 18                 | TN    | 1661875C1                                   | 3568570C1   |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A92#142 | 18                 | TN    | 1661875C1                                   | 3568570C1   |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| D*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A92A103 | 18                 | TN    | 1661875C1                                   | 3568570C1   |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| D*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A92#103 | 18                 | TN    | 1661875C1                                   | 3568570C1   |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| D*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A92B103 | 18                 | TN    | 1661875C1                                   | 3568570C1   |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| <p>RETARD REQUEST SWITCH (423)<br/>(LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p>CONNECTOR 1673743C1</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                    |       |                                             |             |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>CAV</th><th>CIRC</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>A92#161</td><td>18</td><td>TN</td><td>1661224C1</td></tr><tr><td>2</td><td>A92#103</td><td>18</td><td>TN</td><td>1661224C1</td></tr><tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr><tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr><tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>                                                                                                                                                                                                                                                                                                           |         |                    |       |                                             |             |                            | CAV | CIRC | GAUGE  | COLOR | TERMINAL  | 1           | A92#161 | 18      | TN      | 1661224C1          | 2         | A92#103   | 18      | TN                         | 1661224C1 | 4  | PLUG      | -         | - | -           | 5    | PLUG | -         | -         | -  | 6       | PLUG   | -  | -         | -         |    |         |    |          |           |           |    |         |    |    |            |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | CIRC    | GAUGE              | COLOR | TERMINAL                                    |             |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A92#161 | 18                 | TN    | 1661224C1                                   |             |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A92#103 | 18                 | TN    | 1661224C1                                   |             |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PLUG    | -                  | -     | -                                           |             |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PLUG    | -                  | -     | -                                           |             |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PLUG    | -                  | -     | -                                           |             |                            |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>CHK</th><th>DATE</th><th>CHANGE</th><th>REV</th><th>REFERENCE</th><th>DRAWN</th><th>NAME</th></tr></thead><tbody><tr><td>0638</td><td>09FEB15</td><td>ADDED R/D 421, 422</td><td>C</td><td>92855Z</td><td>U00KDD2</td><td>CIRCUIT DIAGRAM, TERRASTAR</td></tr><tr><td colspan="5"></td><td>RELEASE NO.</td><td>DATE</td></tr><tr><td colspan="5"></td><td>80257V</td><td>A</td></tr><tr><td colspan="5"></td><td>PART NO.</td><td>SHEET</td></tr><tr><td colspan="5"></td><td>AE08068784</td><td>002</td></tr></tbody></table>                                                                                                                                                                                                                                   |         |                    |       |                                             |             |                            | CHK | DATE | CHANGE | REV   | REFERENCE | DRAWN       | NAME    | 0638    | 09FEB15 | ADDED R/D 421, 422 | C         | 92855Z    | U00KDD2 | CIRCUIT DIAGRAM, TERRASTAR |           |    |           |           |   | RELEASE NO. | DATE |      |           |           |    |         | 80257V | A  |           |           |    |         |    | PART NO. | SHEET     |           |    |         |    |    | AE08068784 | 002       |
| CHK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DATE    | CHANGE             | REV   | REFERENCE                                   | DRAWN       | NAME                       |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
| 0638                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 09FEB15 | ADDED R/D 421, 422 | C     | 92855Z                                      | U00KDD2     | CIRCUIT DIAGRAM, TERRASTAR |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |                    |       |                                             | RELEASE NO. | DATE                       |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |                    |       |                                             | 80257V      | A                          |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |                    |       |                                             | PART NO.    | SHEET                      |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |                    |       |                                             | AE08068784  | 002                        |     |      |        |       |           |             |         |         |         |                    |           |           |         |                            |           |    |           |           |   |             |      |      |           |           |    |         |        |    |           |           |    |         |    |          |           |           |    |         |    |    |            |           |

Figure 155 Connector Body Composites (421 / 422 / 422F / 423)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.3. CONNECTOR BODY COMPOSITES (424 / 828 / 1008FA), P. 2A

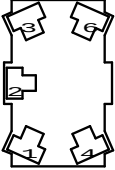
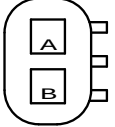
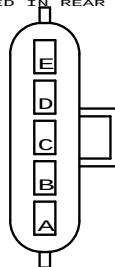
| NAVISTAR, INC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |                  |       |           | ELECTRICAL CIRCUIT DIAGRAM                  |                            | CHAPTER 13 |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------|-------|-----------|---------------------------------------------|----------------------------|------------|--|-----|------|--------|-------|-----------|-------------|------|------|---------|------------------|-----------|-----------|---------|----------------------------|-----------|----|-----------|-----------|----|-------------|------|-------|-----------|----|-----------|------|--------|---------|-----------|-----------|---|----|----|----------|-----------|-----------|--|--|--|--|------------|-----|
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |                  |       |           | CONNECTOR BODY COMPOSITES MATING VIEW SHOWN |                            |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">RETARDER O/P SW (424)<br/>(LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p style="text-align: center;">CONNECTOR 1687783C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>2</td> <td>A92RE</td> <td>18</td> <td>TN</td> <td>1661224C1</td> </tr> <tr> <td>3</td> <td>A92RF</td> <td>18</td> <td>TN</td> <td>1661224C1</td> </tr> <tr> <td>4</td> <td>A92RH</td> <td>18</td> <td>TN</td> <td>1661224C1</td> </tr> <tr> <td>6</td> <td>A92RJ</td> <td>18</td> <td>TN</td> <td>1661224C1</td> </tr> </tbody> </table> </div> </div>                                                                                                                  |         |                  |       |           |                                             |                            |            |  | CAV | CIRC | GAUGE  | COLOR | TERMINAL  | 1           | PLUG | -    | -       | -                | 2         | A92RE     | 18      | TN                         | 1661224C1 | 3  | A92RF     | 18        | TN | 1661224C1   | 4    | A92RH | 18        | TN | 1661224C1 | 6    | A92RJ  | 18      | TN        | 1661224C1 |   |    |    |          |           |           |  |  |  |  |            |     |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CIRC    | GAUGE            | COLOR | TERMINAL  |                                             |                            |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PLUG    | -                | -     | -         |                                             |                            |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A92RE   | 18               | TN    | 1661224C1 |                                             |                            |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A92RF   | 18               | TN    | 1661224C1 |                                             |                            |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A92RH   | 18               | TN    | 1661224C1 |                                             |                            |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A92RJ   | 18               | TN    | 1661224C1 |                                             |                            |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">BACK UP LIGHT CONNECTOR (828)<br/>(LOCATED IN REAR CHASSIS)</p>  <p style="text-align: center;">CONNECTOR 1671611C1<br/>BODY LOCK 1671608C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>RD</td> <td>14</td> <td>RD</td> <td>2033912C1</td> <td>0589391C1</td> </tr> <tr> <td>B</td> <td>WH</td> <td>14</td> <td>WH</td> <td>2033912C1</td> <td>0589391C1</td> </tr> </tbody> </table> </div> </div>                                                                                                                                                                                                                                                                             |         |                  |       |           |                                             |                            |            |  | CAV | CIRC | GAUGE  | COLOR | TERMINAL  | SEAL/SLEEVE | A    | RD   | 14      | RD               | 2033912C1 | 0589391C1 | B       | WH                         | 14        | WH | 2033912C1 | 0589391C1 |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CIRC    | GAUGE            | COLOR | TERMINAL  | SEAL/SLEEVE                                 |                            |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | RD      | 14               | RD    | 2033912C1 | 0589391C1                                   |                            |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | WH      | 14               | WH    | 2033912C1 | 0589391C1                                   |                            |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">RIGHT TAIL LIGHT CONNECTOR (828)<br/>(LOCATED IN REAR CHASSIS)</p>  <p style="text-align: center;">CONNECTOR 1661375C2<br/>BODY LOCK 1661376C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>RD</td> <td>14</td> <td>RD</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>0587579C1</td> <td>-</td> </tr> <tr> <td>C</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>0587579C1</td> <td>-</td> </tr> <tr> <td>D</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>0587579C1</td> <td>-</td> </tr> <tr> <td>E</td> <td>WH</td> <td>14</td> <td>WH</td> <td>2033816C1</td> <td>0589391C1</td> </tr> </tbody> </table> </div> </div> |         |                  |       |           |                                             |                            |            |  | CAV | CIRC | GAUGE  | COLOR | TERMINAL  | SEAL/SLEEVE | A    | RD   | 14      | RD               | 2033816C1 | 0589391C1 | B       | PLUG                       | -         | -  | 0587579C1 | -         | C  | PLUG        | -    | -     | 0587579C1 | -  | D         | PLUG | -      | -       | 0587579C1 | -         | E | WH | 14 | WH       | 2033816C1 | 0589391C1 |  |  |  |  |            |     |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CIRC    | GAUGE            | COLOR | TERMINAL  | SEAL/SLEEVE                                 |                            |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | RD      | 14               | RD    | 2033816C1 | 0589391C1                                   |                            |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PLUG    | -                | -     | 0587579C1 | -                                           |                            |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PLUG    | -                | -     | 0587579C1 | -                                           |                            |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PLUG    | -                | -     | 0587579C1 | -                                           |                            |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
| E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | WH      | 14               | WH    | 2033816C1 | 0589391C1                                   |                            |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">LOAD SHADDING B2 STUD (1008FA)<br/>(LOCATED NEAR DASH PANEL)</p>  <p style="text-align: center;">CONNECTOR 2007311C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A14X</td> <td>6</td> <td>RD</td> <td>1621478C1</td> </tr> </tbody> </table> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |                  |       |           |                                             |                            |            |  | CAV | CIRC | GAUGE  | COLOR | TERMINAL  | A           | A14X | 6    | RD      | 1621478C1        |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CIRC    | GAUGE            | COLOR | TERMINAL  |                                             |                            |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A14X    | 6                | RD    | 1621478C1 |                                             |                            |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>0638</td> <td>09FEB15</td> <td>INITIAL RELEASE.</td> <td>A</td> <td>92855Z</td> <td>MJV0370</td> <td>CIRCUIT DIAGRAM, TERRASTAR</td> </tr> <tr> <td colspan="2"></td> <td></td> <td></td> <td></td> <td>RELEASE NO.</td> <td>DATE</td> </tr> <tr> <td colspan="2"></td> <td></td> <td></td> <td></td> <td>92855Z</td> <td>10DEC14</td> </tr> <tr> <td colspan="5"></td> <td>PART NO.</td> <td>SHEET</td> </tr> <tr> <td colspan="5"></td> <td>AE08068784</td> <td>02A</td> </tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                     |         |                  |       |           |                                             |                            |            |  | CHK | DATE | CHANGE | REV   | REFERENCE | DRAWN       | NAME | 0638 | 09FEB15 | INITIAL RELEASE. | A         | 92855Z    | MJV0370 | CIRCUIT DIAGRAM, TERRASTAR |           |    |           |           |    | RELEASE NO. | DATE |       |           |    |           |      | 92855Z | 10DEC14 |           |           |   |    |    | PART NO. | SHEET     |           |  |  |  |  | AE08068784 | 02A |
| CHK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DATE    | CHANGE           | REV   | REFERENCE | DRAWN                                       | NAME                       |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
| 0638                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 09FEB15 | INITIAL RELEASE. | A     | 92855Z    | MJV0370                                     | CIRCUIT DIAGRAM, TERRASTAR |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |                  |       |           | RELEASE NO.                                 | DATE                       |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |                  |       |           | 92855Z                                      | 10DEC14                    |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |                  |       |           | PART NO.                                    | SHEET                      |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |                  |       |           | AE08068784                                  | 02A                        |            |  |     |      |        |       |           |             |      |      |         |                  |           |           |         |                            |           |    |           |           |    |             |      |       |           |    |           |      |        |         |           |           |   |    |    |          |           |           |  |  |  |  |            |     |

Figure 156 Connector Body Composites (424 / 828 / 1008FA)

## 13.4. CONNECTOR BODY COMPOSITES (1010), P. 3

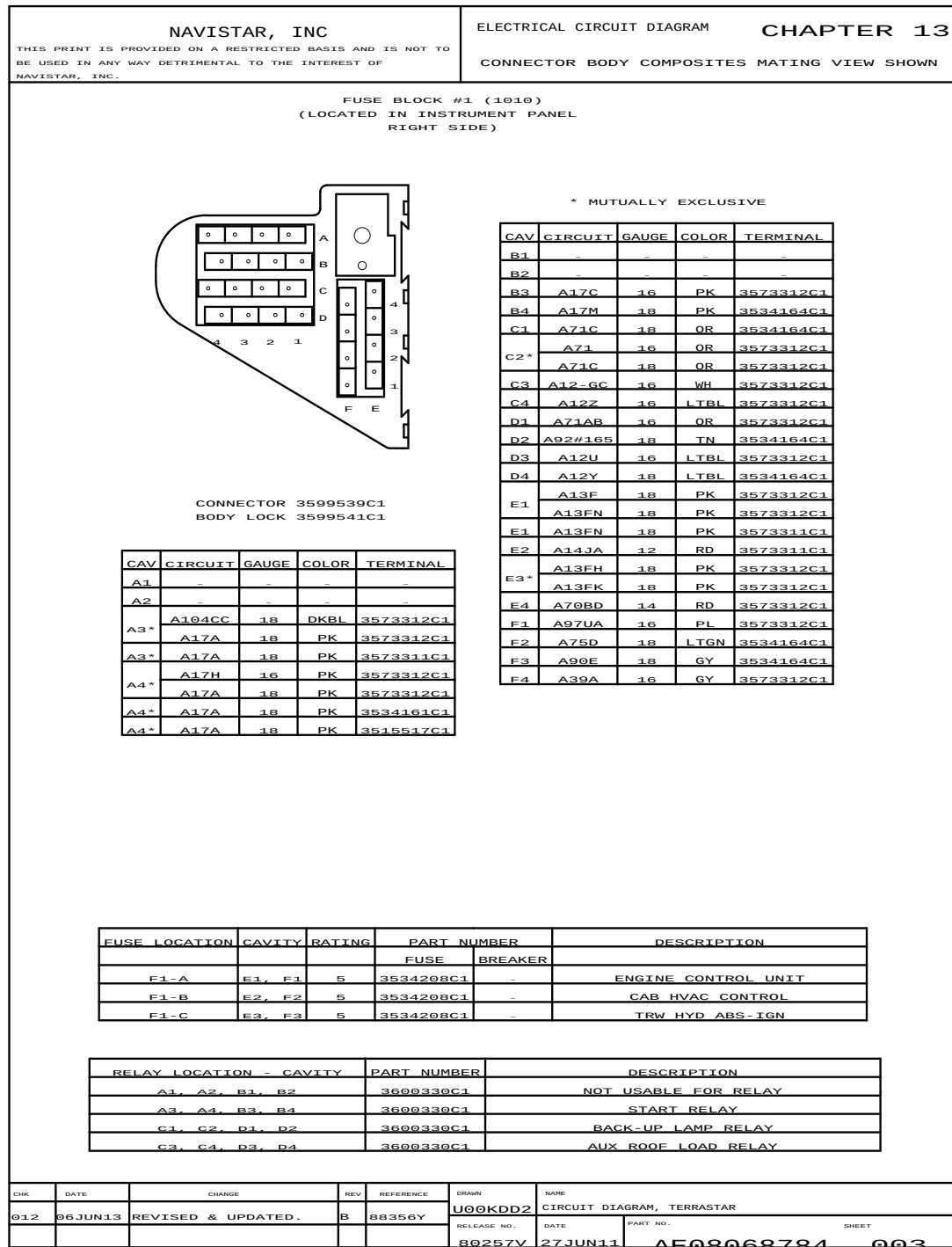


Figure 157 Connector Body Composites (1010)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.5. CONNECTOR BODY COMPOSITES (1011), P. 4

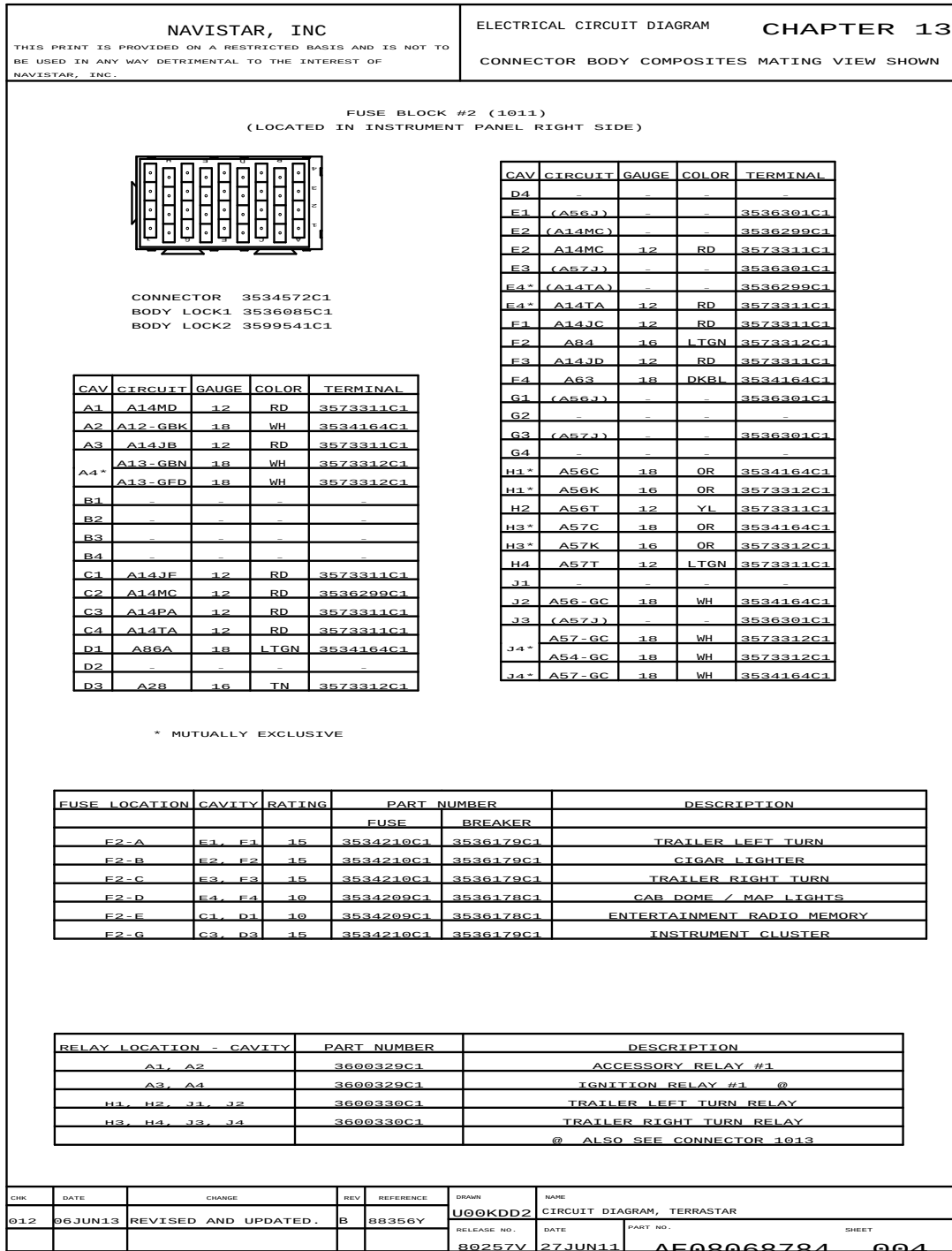


Figure 158 Connector Body Composites (1011)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.6. CONNECTOR BODY COMPOSITES (1012), P. 5

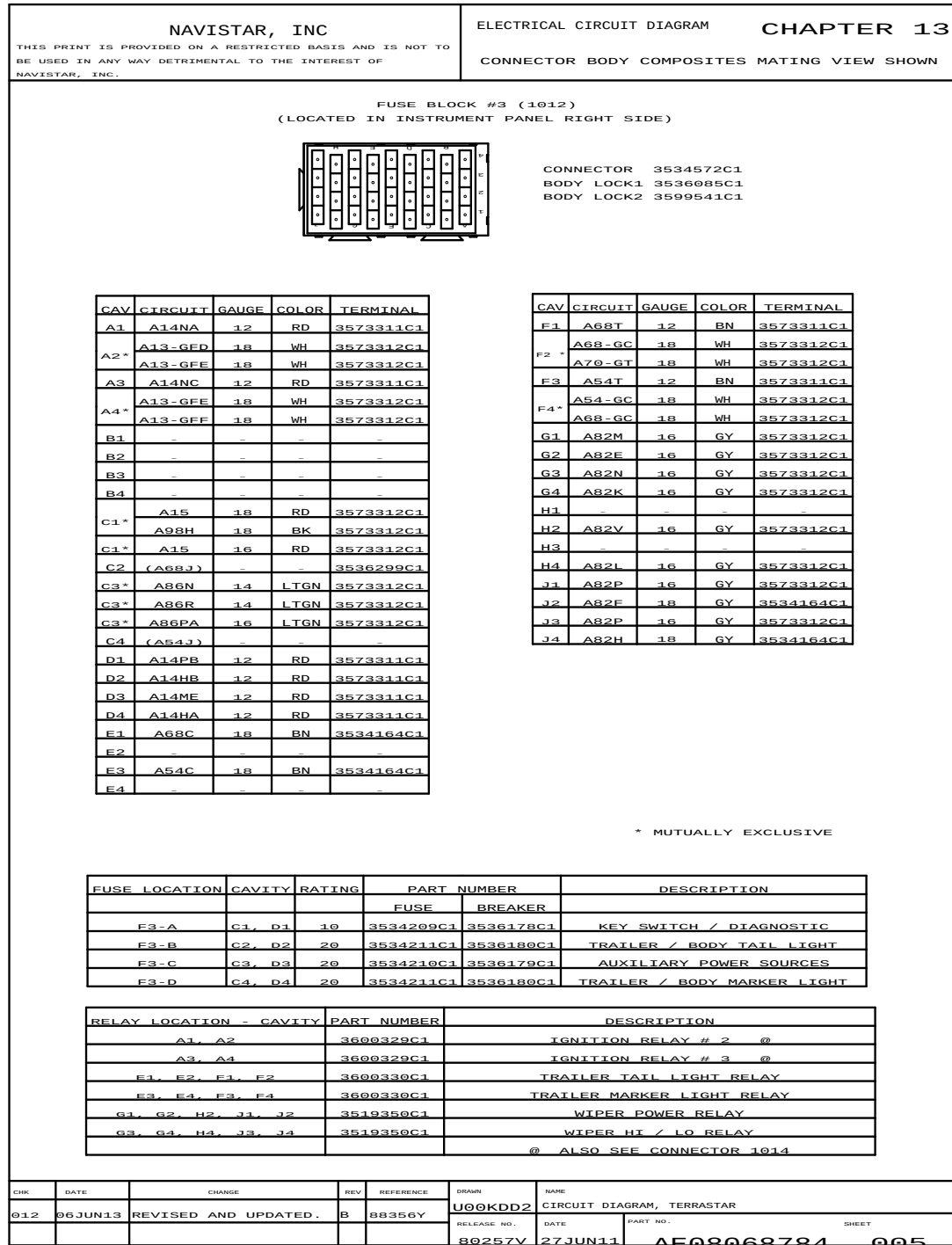


Figure 159 Connector Body Composites (1012)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.7. CONNECTOR BODY COMPOSITES (1013), P. 6

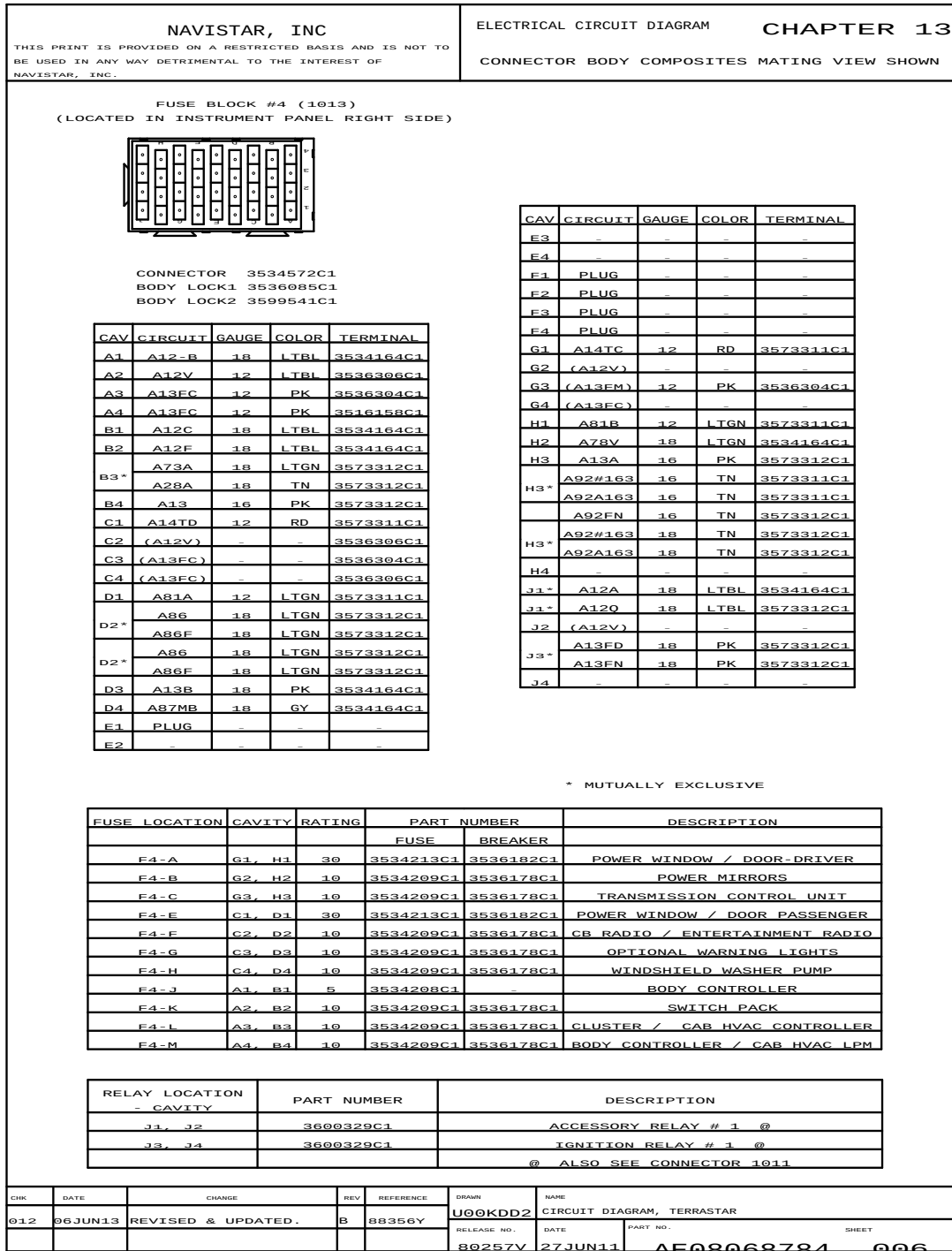


Figure 160 Connector Body Composites (1013)

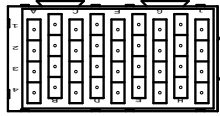


## 13.8. CONNECTOR BODY COMPOSITES (1014), P. 7

|                                                                                                                                                                    |                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>NAVISTAR, INC</b><br><small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small> | <b>ELECTRICAL CIRCUIT DIAGRAM</b><br><b>CHAPTER 13</b><br><b>CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</b> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|

FUSE BLOCK #5 (1014)  
(LOCATED IN INSTRUMENT PANEL RIGHT SIDE)



CONNECTOR 3534572C1  
BODY LOCK1 3536085C1  
BODY LOCK2 3599541C1

| CAV | CIRCUIT | GAUGE | COLOR | TERMINAL  |
|-----|---------|-------|-------|-----------|
| A1  | -       | -     | -     | -         |
| A2  | A13FB   | 12    | PK    | 3516158C1 |
| A3  | A13FA   | 12    | PK    | 3536304C1 |
| A4  | A13FA   | 12    | PK    | 3536306C1 |
| B1  | -       | -     | -     | -         |
| B2* | A39     | 16    | GY    | 3573311C1 |
|     | A39B    | 16    | GY    | 3573312C1 |
| B2  | A39A    | 16    | GY    | 3573311C1 |
| B3  | -       | -     | -     | -         |
| B4  | A71     | 16    | OR    | 3573312C1 |
| C1  | -       | -     | -     | -         |
| C2  | -       | -     | -     | -         |
| C3  | (A13FA) | -     | -     | -         |
| C4  | (A13FA) | -     | -     | -         |
| D1  | -       | -     | -     | -         |
| D2  | -       | -     | -     | -         |

| CAV | CIRCUIT | GAUGE | COLOR | TERMINAL  |
|-----|---------|-------|-------|-----------|
| D3  | A13B    | 16    | PK    | 3573312C1 |
| D4  | A28V    | 16    | TN    | 3573312C1 |
| E1  | -       | -     | -     | -         |
| E2  | -       | -     | -     | -         |
| E3  | A13FR   | 12    | PK    | 3536304C1 |
| E4  | -       | -     | -     | -         |
| F1  | PLUG    | -     | -     | -         |
| F2  | PLUG    | -     | -     | -         |
| F3  | PLUG    | -     | -     | -         |
| F4  | PLUG    | -     | -     | -         |
| G1  | (A13FB) | -     | -     | 3536304C1 |
|     | A13FL   | 12    | PK    | 3536304C1 |
| G2  | -       | -     | -     | -         |
| G3  | (A13FA) | -     | -     | -         |
| G4  | (A13FA) | -     | -     | -         |
| H1* | A13A    | 18    | PK    | 3515517C1 |
| H1# | A13H    | 12    | RD    | 3573311C1 |
| H2  | A88V    | 18    | LTGN  | 3534164C1 |
| H3  | A90L    | 18    | GY    | 3534164C1 |
| H4  | -       | -     | -     | -         |
| J1* | A13FD   | 18    | PK    | 3573312C1 |
|     | A13FE   | 18    | PK    | 3573312C1 |
| J2  | -       | -     | -     | -         |
| J3* | A13FE   | 18    | PK    | 3573312C1 |
|     | A13FF   | 18    | PK    | 3573312C1 |
| J4  | -       | -     | -     | -         |

\* MUTUALLY EXCLUSIVE  
SNOW VALVE EFFECT  
# TRANSFER CASE SHIFTING EFFECT

| FUSE LOCATION | CAVITY | RATING | PART NUMBER |           | DESCRIPTION      |
|---------------|--------|--------|-------------|-----------|------------------|
|               |        |        | FUSE        | BREAKER   |                  |
| F5-A          | H1, G1 | 10     |             |           | TRANSFER CASE    |
| F5-B          | G2, H2 | 10     | 3534209C1   | 3536178C1 | AUX POWER SOURCE |
| F5-C          | G3, H3 | 5      | 3534208C1   | -         | ACCELERATOR      |
| F5-G          | G3, D3 | 10     | 3534209C1   | 3536178C1 | OWNER OPERATOR   |
| F5-H          | C4, D4 | 10     | 3534209C1   | 3536178C1 | COMPASS MODULE   |
| F5-K          | A2, B2 | 20     | 3534211C1   | 3536180C1 | AIR DRYER        |
| F5-M          | A4, B4 | 10     | 3534209C1   | 3536178C1 | BACK-UP LIGHTS   |

| RELAY LOCATION - CAVITY | PART NUMBER | DESCRIPTION               |
|-------------------------|-------------|---------------------------|
| J1, J2                  | 3600329C1   | IGNITION RELAY # 2 @      |
| J3, J4                  | 3600329C1   | IGNITION RELAY # 3 @      |
|                         |             | @ ALSO SEE CONNECTOR 1012 |

|     |         |                    |     |           |             |                            |
|-----|---------|--------------------|-----|-----------|-------------|----------------------------|
| CHK | DATE    | CHANGE             | REV | REFERENCE | DRAWN       | NAME                       |
| 012 | 06JUN13 | REVISED & UPDATED. | B   | 88356Y    | U00KDD2     | CIRCUIT DIAGRAM, TERRASTAR |
|     |         |                    |     |           | RELEASE NO. | DATE                       |
|     |         |                    |     |           | 80257V      | 27JUN11                    |
|     |         |                    |     |           |             | PART NO.                   |
|     |         |                    |     |           |             | AE08068784                 |
|     |         |                    |     |           |             | SHEET                      |
|     |         |                    |     |           |             | 007                        |

Figure 161 Connector Body Composites (1014)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.9. CONNECTOR BODY COMPOSITES (1015), P. 8

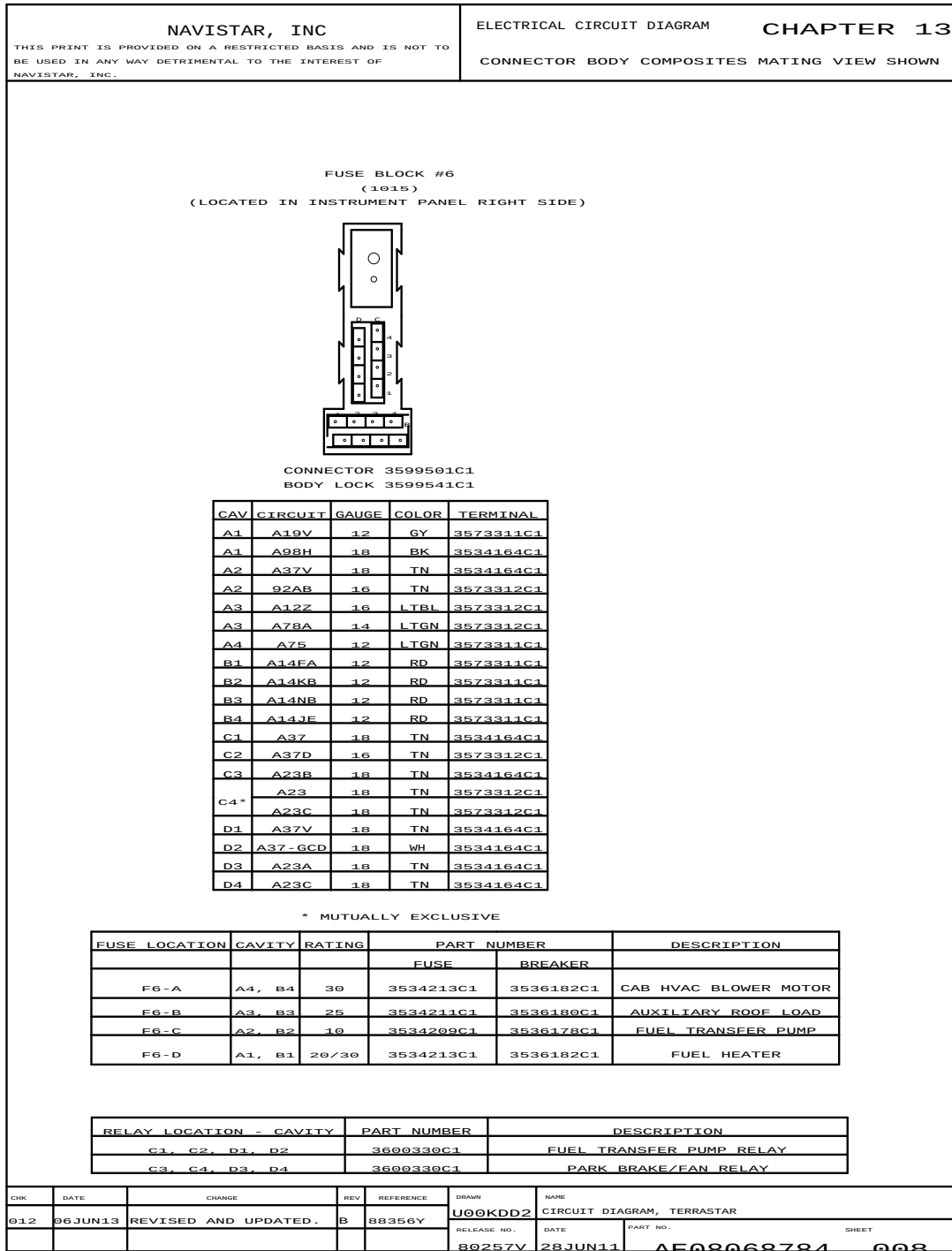


Figure 162 Connector Body Composites (1015)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.10. CONNECTOR BODY COMPOSITES (1016), P. 9

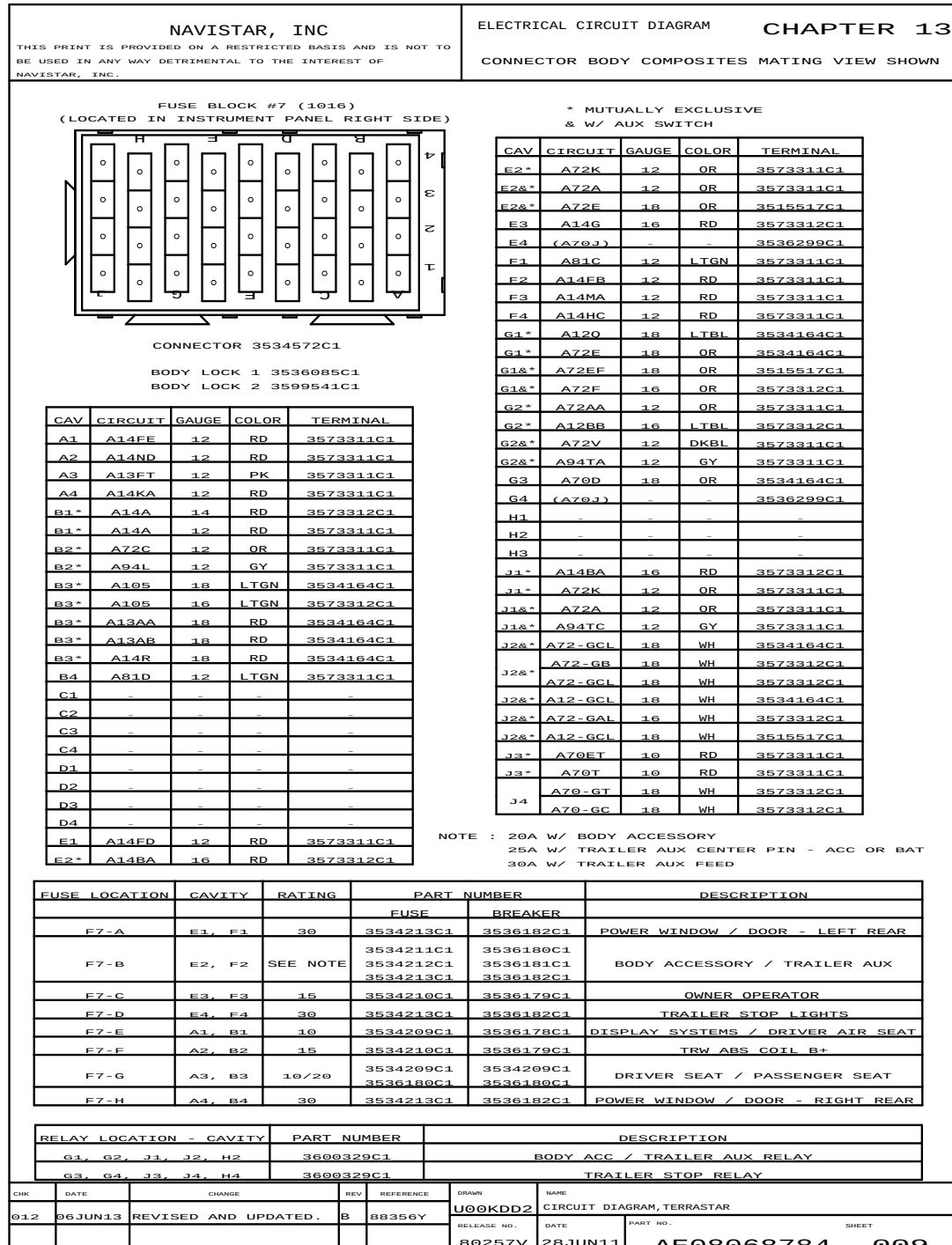


Figure 163 Connector Body Composites (1016)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.11. CONNECTOR BODY COMPOSITES (1017), P. 10

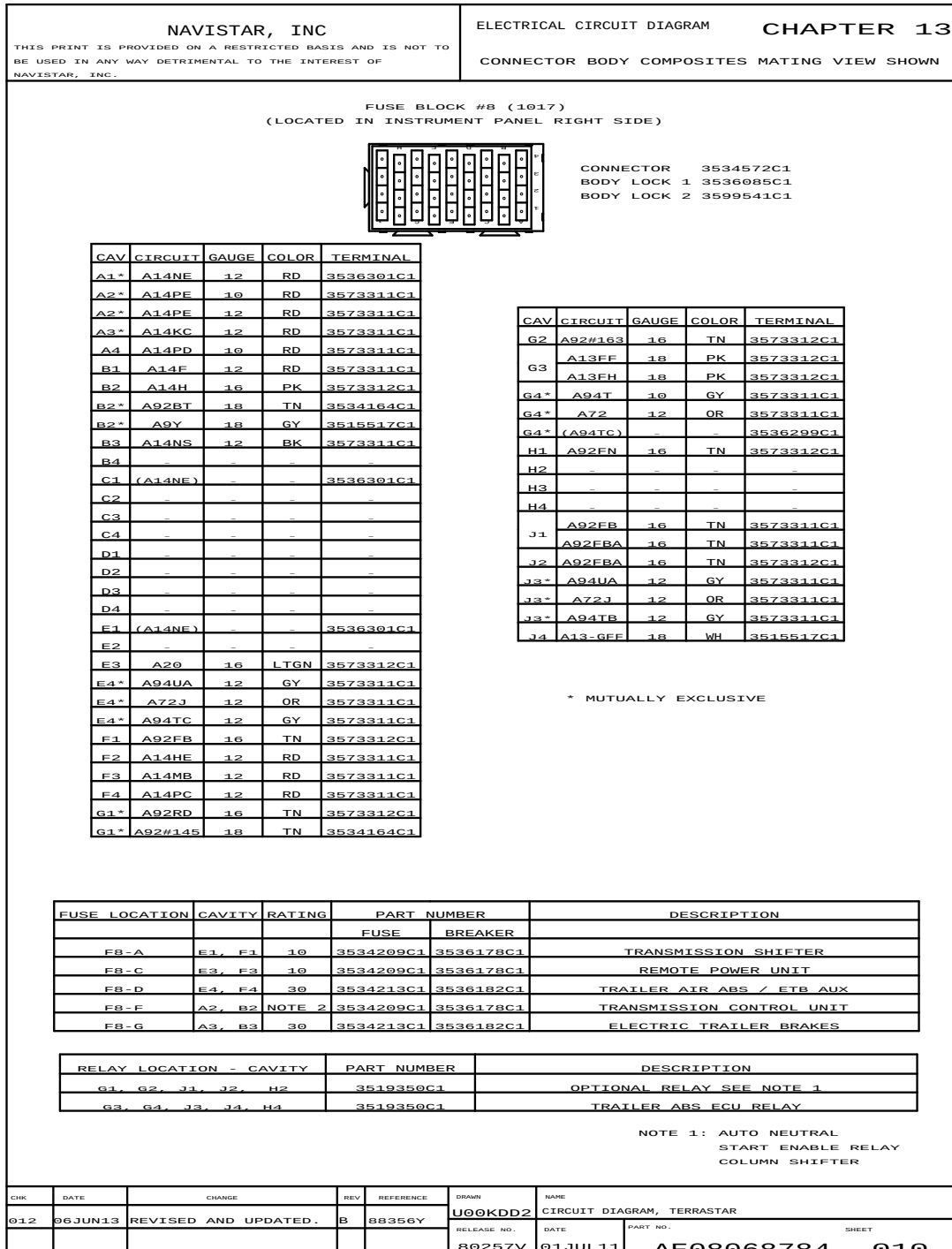
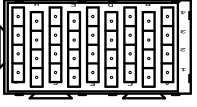


Figure 164 Connector Body Composites (1017)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.12. CONNECTOR BODY COMPOSITES (1018), P. 11

| NAVISTAR, INC                                                                                                               |         |       |       | ELECTRICAL CIRCUIT DIAGRAM                                            |     | CHAPTER 13 |       |       |           |
|-----------------------------------------------------------------------------------------------------------------------------|---------|-------|-------|-----------------------------------------------------------------------|-----|------------|-------|-------|-----------|
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC. |         |       |       | CONNECTOR BODY COMPOSITES MATING VIEW SHOWN                           |     |            |       |       |           |
| FUSE BLOCK #9 (1018)<br>(LOCATED IN INSTRUMENT PANEL RIGHT SIDE)                                                            |         |       |       |                                                                       |     |            |       |       |           |
|                                            |         |       |       | CONNECTOR 3534572C1<br>BODY LOCK 1 3536085C1<br>BODY LOCK 2 3599541C1 |     |            |       |       |           |
| * MUTUALLY EXCLUSIVE                                                                                                        |         |       |       |                                                                       |     |            |       |       |           |
| CAV                                                                                                                         | CIRCUIT | GAUGE | COLOR | TERMINAL                                                              | CAV | CIRCUIT    | GAUGE | COLOR | TERMINAL  |
| A1*                                                                                                                         | A96RB   | 18    | YL    | 3534164C1                                                             | E2  | A12V       | 12    | LTBL  | 3573311C1 |
| A1*                                                                                                                         | A104L   | 18    | DKBL  | 3573312C1                                                             | E3  | -          | -     | -     | -         |
| A1*                                                                                                                         | A104F   | 18    | DKBL  | 3573312C1                                                             | E4  | -          | -     | -     | -         |
| A2*                                                                                                                         | A104CB  | 18    | DKBL  | 3573312C1                                                             | F1  | A86P       | 16    | LTGN  | 3573312C1 |
| A2*                                                                                                                         | A104N   | 18    | DKBL  | 3573312C1                                                             | F2  | A12X       | 18    | LTBL  | 3534164C1 |
| A2*                                                                                                                         | A52E    | 14    | YL    | 3573312C1                                                             | F2  | A89CA      | 18    | PL    | 3515517C1 |
| A3*                                                                                                                         | A96LA   | 18    | YL    | 3534164C1                                                             | F3  | A19V       | 12    | GY    | 3573311C1 |
| A3*                                                                                                                         | A96LA   | 18    | YL    | 3573312C1                                                             | F4  | A19-GCG    | 18    | WH    | 3534164C1 |
| A3*                                                                                                                         | A96LB   | 18    | YL    | 3573312C1                                                             | G1* | A96RA      | 18    | YL    | 3573312C1 |
| A4                                                                                                                          | A52B    | 14    | YL    | 3573312C1                                                             | G1* | A96RB      | 18    | YL    | 3573312C1 |
| B1                                                                                                                          | -       | -     | -     | -                                                                     | G1* | A104JC     | 18    | DKBL  | 3573312C1 |
| B2*                                                                                                                         | A52D    | 14    | YL    | 3573312C1                                                             | G1* | A104JB     | 18    | DKBL  | 3573312C1 |
| B2*                                                                                                                         | A59RC   | 18    | GY    | 3534164C1                                                             | G2* | A53F       | 14    | YL    | 3573312C1 |
| B3                                                                                                                          | -       | -     | -     | -                                                                     | G2* | A104C      | 16    | DKBL  | 3573312C1 |
| B4*                                                                                                                         | A52     | 14    | YL    | 3573312C1                                                             | G3* | A96LB      | 18    | YL    | 3534164C1 |
| B4*                                                                                                                         | A59CA   | 16    | GY    | 3573312C1                                                             | G3* | A104C      | 16    | DKBL  | 3573312C1 |
| B4*                                                                                                                         | A104JD  | 18    | DKBL  | 3573312C1                                                             | G3* | A104B      | 18    | DKBL  | 3534164C1 |
| B4*                                                                                                                         | A104JC  | 18    | DKBL  | 3573312C1                                                             | G4* | A104B      | 18    | DKBL  | 3534164C1 |
| C1*                                                                                                                         | A52PD   | 14    | YL    | 3573312C1                                                             | G4* | A53E       | 14    | YL    | 3573312C1 |
| C2*                                                                                                                         | A96-GC  | 18    | YL    | 3534164C1                                                             | H2  | A53B       | 14    | YL    | 3573312C1 |
| C2*                                                                                                                         | A104E   | 18    | DKBL  | 3534164C1                                                             | H1  | -          | -     | -     | -         |
| C3*                                                                                                                         | A52PC   | 14    | YL    | 3573312C1                                                             | H3  | -          | -     | -     | -         |
| C3*                                                                                                                         | A59RD   | 16    | GY    | 3573312C1                                                             | H4* | A53        | 14    | YL    | 3573312C1 |
| C4*                                                                                                                         | A96-GB  | 18    | YL    | 3573312C1                                                             | H4* | A13F       | 18    | PK    | 3534164C1 |
| C4*                                                                                                                         | A96-GD  | 18    | YL    | 3573312C1                                                             | J1* | A53PA      | 14    | YL    | 3573312C1 |
| G4*                                                                                                                         | A104JD  | 18    | DKBL  | 3534164C1                                                             | J1* | A104JB     | 18    | DKBL  | 3573312C1 |
| D1                                                                                                                          | -       | -     | -     | -                                                                     | J1* | A104JA     | 18    | DKBL  | 3573312C1 |
| D2                                                                                                                          | -       | -     | -     | -                                                                     | J2* | A96-GD     | 18    | YL    | 3573312C1 |
| D3                                                                                                                          | A13FK   | 18    | PK    | 3573312C1                                                             | J2* | A96-GC     | 18    | YL    | 3573312C1 |
| D3                                                                                                                          | A13FP   | 18    | PK    | 3573312C1                                                             | J2* | A104H      | 16    | DKBL  | 3573312C1 |
| D4                                                                                                                          | A19     | 12    | GY    | 3573311C1                                                             | J3* | A104J      | 16    | DKBL  | 3573312C1 |
| E1                                                                                                                          | A13FM   | 12    | PK    | 3573311C1                                                             | J3* | A104JA     | 18    | DKBL  | 3573312C1 |
|                                                                                                                             |         |       |       |                                                                       | J3* | A53PB      | 14    | YL    | 3573312C1 |
|                                                                                                                             |         |       |       |                                                                       | J4* | A96-GCC    | 18    | YL    | 3573312C1 |
|                                                                                                                             |         |       |       |                                                                       | J4* | A96-GB     | 18    | YL    | 3573312C1 |
|                                                                                                                             |         |       |       |                                                                       | J4* | A104AA     | 18    | DKBL  | 3534164C1 |

| FUSE LOCATION | CAVITY | RATING | PART NUMBER |         | DESCRIPTION   |
|---------------|--------|--------|-------------|---------|---------------|
|               |        |        | FUSE        | BREAKER |               |
| F9-A          | E1, F1 | 5      | 3534208C1   | -       | 2 WAY RADIO   |
| F9-B          | E2, F2 | 5      | 3534208C1   | -       | AUX ROOF LOAD |

| RELAY LOCATION - CAVITY | PART NUMBER | DESCRIPTION                       |
|-------------------------|-------------|-----------------------------------|
| G1, G2, H2, J1, J2      | 3519350C1   | RIGHT LOW BEAM OR SWITCH RELAY    |
| G3, G4, H4, J3, J4      | 3519350C1   | LEFT LOW BEAM OR REMOTE-S RELAY   |
| A1, A2, B2, C1, C2      | 3519350C1   | RIGHT HIGH BEAM OR REMOTE-S RELAY |
| A3, A4, B4, C3, C4      | 3519350C1   | LEFT HIGH BEAM OR PUMP-I RELAY    |
| D3, D4, E4, F3, F4      | 3519350C1   | FUEL HEATER RELAY                 |

| CHK | DATE    | CHANGE             | REV | REFERENCE | DRAWN       | NAME                       |
|-----|---------|--------------------|-----|-----------|-------------|----------------------------|
| 012 | 06JUN13 | REVISED & UPDATED. | B   | 88356Y    | U00KDD2     | CIRCUIT DIAGRAM, TERRASTAR |
|     |         |                    |     |           | RELEASE NO. | DATE                       |
|     |         |                    |     |           | 80257V      | 01JUL11                    |
|     |         |                    |     |           |             | PART NO.                   |
|     |         |                    |     |           |             | AE08068784                 |
|     |         |                    |     |           |             | SHEET                      |
|     |         |                    |     |           |             | 011                        |

Figure 165 Connector Body Composites (1018)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.13. CONNECTOR BODY COMPOSITES (1019), P. 12

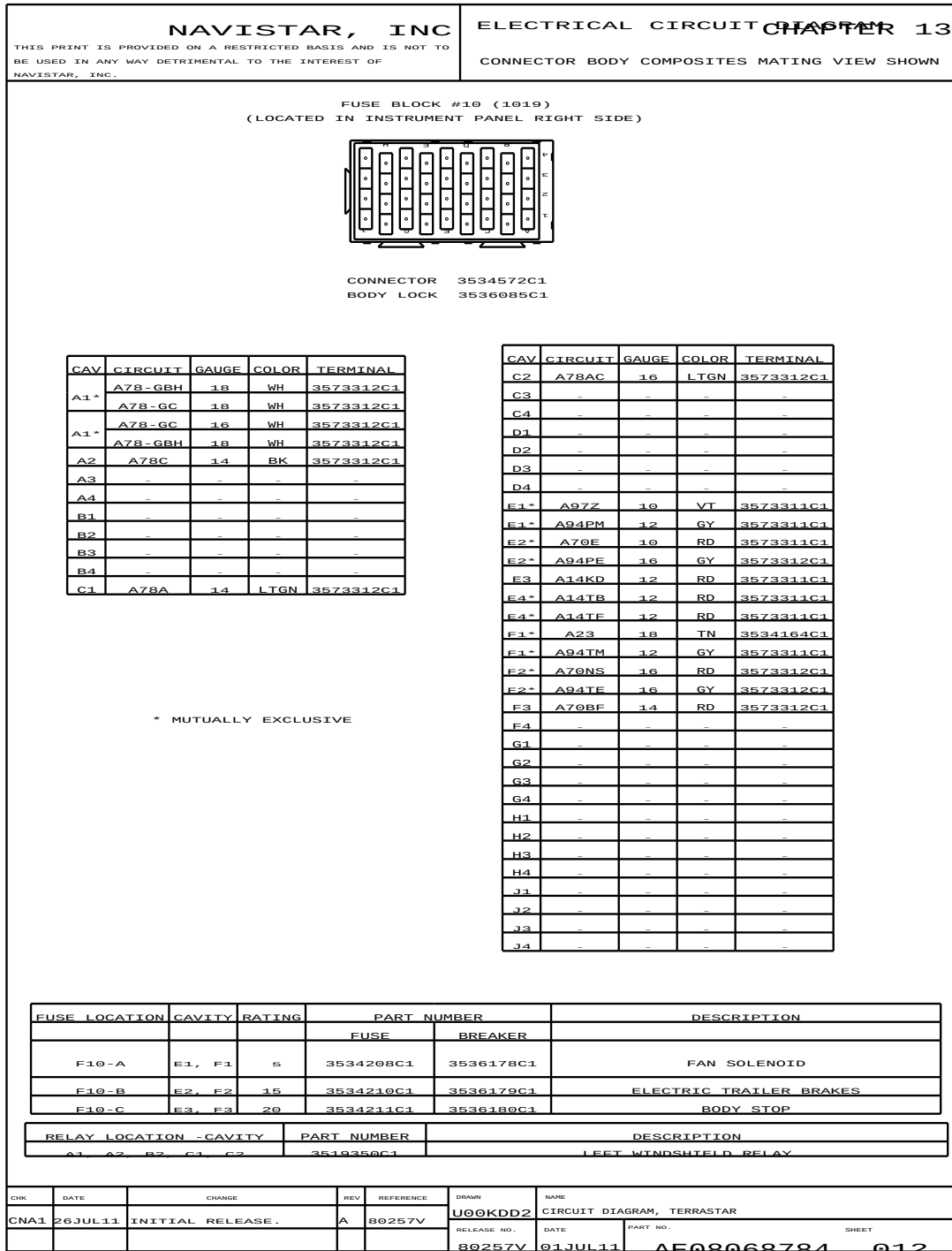


Figure 166 Connector Body Composites (1019)

## 13.14. CONNECTOR BODY COMPOSITES (1020), P. 13

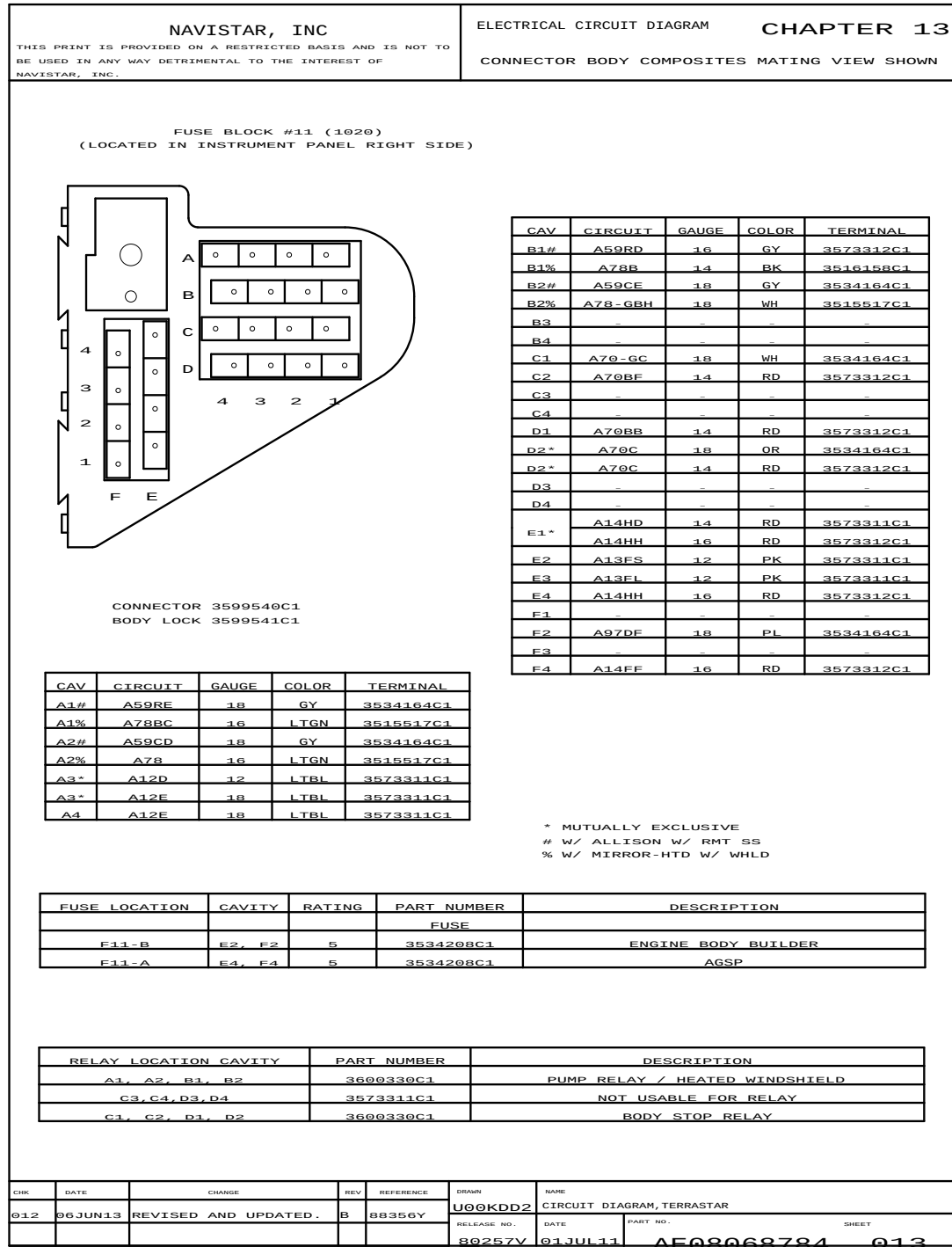


Figure 167 Connector Body Composites (1020)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.15. CONNECTOR BODY COMPOSITES (1025 / 1026), P. 14

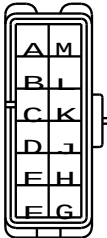
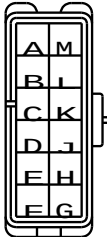
| NAVISTAR, INC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |                  |       | ELECTRICAL CIRCUIT <del>CHAPTER</del> 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------|-------|-----|---------|-------|-------|----------|----|---------|----|----|-----------|----|---------|----|----|-----------|---|---------|----|------|-----------|---|---------|----|------|-----------|----|---------|----|------|-----------|----|---------|----|----|-----------|----|---------|----|----|-----------|----|---------|----|----|-----------|----|---------|----|----|-----------|----|---------|----|----|-----------|----|---------|----|----|-----------|----|--------|----|----|-----------|----|---------|----|----|-----------|----|---------|----|----|-----------|---|---------|----|----|-----------|---|---------|----|----|-----------|
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         |                  |       | CONNECTOR BODY COMPOSITES MATING VIEW SHOWN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| <b>J1939 ADAPTER</b><br>(1025)<br>(LOCATED IN INSTRUMENT PANEL CENTER)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                  |       | <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A5RE(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>B</td><td>A5FA(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>C</td><td>A5RH(-)</td><td>18</td><td>LTGN</td><td>3534164C1</td></tr> <tr><td>D</td><td>A5RH(-)</td><td>18</td><td>LTGN</td><td>3534164C1</td></tr> <tr><td>E*</td><td>A5(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>E*</td><td>A5D(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>F*</td><td>A5RJ(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>F*</td><td>A5F(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>G*</td><td>A5RJ(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>G*</td><td>A5F(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>H*</td><td>A5(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>H*</td><td>A5D(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>J</td><td>A5RH(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>K</td><td>A5RH(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>L</td><td>A5FA(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>M</td><td>A5RE(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> </tbody> </table> |         |                            |       | CAV | CIRCUIT | GAUGE | COLOR | TERMINAL | A  | A5RE(-) | 18 | GN | 3534164C1 | B  | A5FA(-) | 18 | GN | 3534164C1 | C | A5RH(-) | 18 | LTGN | 3534164C1 | D | A5RH(-) | 18 | LTGN | 3534164C1 | E* | A5(-)   | 18 | GN   | 3534164C1 | E* | A5D(-)  | 18 | GN | 3534164C1 | F* | A5RJ(-) | 18 | GN | 3534164C1 | F* | A5F(-)  | 18 | GN | 3534164C1 | G* | A5RJ(+) | 18 | YL | 3534164C1 | G* | A5F(+)  | 18 | YL | 3534164C1 | H* | A5(+)   | 18 | YL | 3534164C1 | H* | A5D(+) | 18 | YL | 3534164C1 | J  | A5RH(+) | 18 | YL | 3534164C1 | K  | A5RH(+) | 18 | YL | 3534164C1 | L | A5FA(+) | 18 | YL | 3534164C1 | M | A5RE(+) | 18 | YL | 3534164C1 |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | CIRCUIT | GAUGE            | COLOR | TERMINAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A5RE(-) | 18               | GN    | 3534164C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A5FA(-) | 18               | GN    | 3534164C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A5RH(-) | 18               | LTGN  | 3534164C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A5RH(-) | 18               | LTGN  | 3534164C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| E*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A5(-)   | 18               | GN    | 3534164C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| E*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A5D(-)  | 18               | GN    | 3534164C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| F*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A5RJ(-) | 18               | GN    | 3534164C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| F*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A5F(-)  | 18               | GN    | 3534164C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| G*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A5RJ(+) | 18               | YL    | 3534164C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| G*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A5F(+)  | 18               | YL    | 3534164C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| H*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A5(+)   | 18               | YL    | 3534164C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| H*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A5D(+)  | 18               | YL    | 3534164C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A5RH(+) | 18               | YL    | 3534164C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A5RH(+) | 18               | YL    | 3534164C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A5FA(+) | 18               | YL    | 3534164C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A5RE(+) | 18               | YL    | 3534164C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
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| CONNECTOR 3601838C1<br>BODY LOCK 3601839C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| <b>J1939 ADAPTER (1026)</b><br>(LOCATED IN INSTRUMENT PANEL CENTER)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |                  |       | * MUTUALLY EXCLUSIVE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
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| CONNECTOR 3601838C1<br>BODY LOCK 3601839C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |                  |       | * MUTUALLY EXCLUSIVE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A*</td><td>A5RD(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>A*</td><td>A5R(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>B</td><td>A5C(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>C</td><td>A5RE(-)</td><td>18</td><td>LTGN</td><td>3534164C1</td></tr> <tr><td>D</td><td>A5RE(-)</td><td>18</td><td>LTGN</td><td>3534164C1</td></tr> <tr><td>E</td><td>A5CA(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>F</td><td>A5RE(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>G</td><td>A5RE(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>H</td><td>A5CA(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>J</td><td>A5RE(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>K</td><td>A5RE(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>L</td><td>A5C(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>M*</td><td>A5RD(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>M*</td><td>A5R(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> </tbody> </table> |         |                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |                            |       | CAV | CIRCUIT | GAUGE | COLOR | TERMINAL | A* | A5RD(-) | 18 | GN | 3534164C1 | A* | A5R(-)  | 18 | GN | 3534164C1 | B | A5C(-)  | 18 | GN   | 3534164C1 | C | A5RE(-) | 18 | LTGN | 3534164C1 | D  | A5RE(-) | 18 | LTGN | 3534164C1 | E  | A5CA(-) | 18 | GN | 3534164C1 | F  | A5RE(-) | 18 | GN | 3534164C1 | G  | A5RE(+) | 18 | YL | 3534164C1 | H  | A5CA(+) | 18 | YL | 3534164C1 | J  | A5RE(+) | 18 | YL | 3534164C1 | K  | A5RE(+) | 18 | YL | 3534164C1 | L  | A5C(+) | 18 | YL | 3534164C1 | M* | A5RD(+) | 18 | YL | 3534164C1 | M* | A5R(+)  | 18 | YL | 3534164C1 |   |         |    |    |           |   |         |    |    |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | CIRCUIT | GAUGE            | COLOR | TERMINAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
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| H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A5CA(+) | 18               | YL    | 3534164C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A5RE(+) | 18               | YL    | 3534164C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
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| M*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A5RD(+) | 18               | YL    | 3534164C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| M*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A5R(+)  | 18               | YL    | 3534164C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| * MUTUALLY EXCLUSIVE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |                  |       | * MUTUALLY EXCLUSIVE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| * MUTUALLY EXCLUSIVE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |                            |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| CHK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DATE    | CHANGE           | REV   | REFERENCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DRAWN   | NAME                       |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| CNA1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 26JUL11 | INITIAL RELEASE. | A     | 80257V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | U00KDD2 | CIRCUIT DIAGRAM, TERRASTAR |       |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| RELEASE NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         |                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DATE    | PART NO.                   | SHEET |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |
| 80257V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 05JUL11 | AE08068784                 | 014   |     |         |       |       |          |    |         |    |    |           |    |         |    |    |           |   |         |    |      |           |   |         |    |      |           |    |         |    |      |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |         |    |    |           |    |        |    |    |           |    |         |    |    |           |    |         |    |    |           |   |         |    |    |           |   |         |    |    |           |

Figure 168 Connector Body Composites (1025 / 1026)



## 13.16. CONNECTOR BODY COMPOSITES (1100 / 1100MA / 1101 / 1101A), P. 15

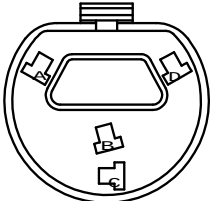
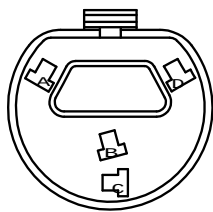
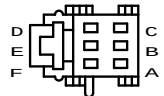
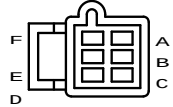
| NAVISTAR, INC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |                  |       |            | ELECTRICAL CIRCUIT DIAGRAM      CHAPTER 13  |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
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| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |                  |       |            | CONNECTOR BODY COMPOSITES MATING VIEW SHOWN |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| <p style="text-align: center;">KEY SWITCH (1100)<br/>(LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p style="text-align: center;">CONNECTOR 3546518C1<br/>BODY LOCK 3546519C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A15</td><td>18</td><td>RD</td><td>1661208C1</td></tr> <tr><td>B</td><td>A17H</td><td>16</td><td>PK</td><td>1661208C1</td></tr> <tr><td>B</td><td>A17HAL</td><td>16</td><td>PK</td><td>1661208C1</td></tr> <tr><td>C</td><td>A12</td><td>18</td><td>LTBL</td><td>1661208C1</td></tr> <tr><td>D*</td><td>A13DB</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>D*</td><td>A13F</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>D*</td><td>A104J</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: 8px;">* MUTUALLY EXCLUSIVE</p>                                                                                             |         |                  |       |            | CAV                                         | CIRCUIT                    | GAUGE | COLOR | TERMINAL | A | A15     | 18 | RD | 1661208C1 | B | A17H | 16 | PK   | 1661208C1 | B | A17HAL | 16 | PK   | 1661208C1 | C  | A12    | 18 | LTBL | 1661208C1 | D* | A13DB  | 18 | PK   | 1661208C1 | D* | A13F   | 18 | PK | 1661208C1 | D* | A104J  | 18 | DKBL | 1661208C1 | <p style="text-align: center;">KEY SWITCH CONN (1100MA)<br/>(LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p style="text-align: center;">CONNECTOR 3546518C1<br/>BODY LOCK 3546519C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A15</td><td>16</td><td>RD</td><td>1661208C1</td></tr> <tr><td>B*</td><td>A17H</td><td>16</td><td>PK</td><td>1661208C1</td></tr> <tr><td>B*</td><td>A17H</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>C</td><td>A12</td><td>18</td><td>LTBL</td><td>1661208C1</td></tr> <tr><td>D</td><td>A13F</td><td>18</td><td>PK</td><td>1661208C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: 8px;">* MUTUALLY EXCLUSIVE</p> |   |   |   |   | CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CIRCUIT | GAUGE | COLOR | TERMINAL | A   | A15  | 16    | RD    | 1661208C1 | B* | A17H   | 16 | PK | 1661208C1 | B* | A17H  | 18 | PK    | 1661208C1 | C | A12  | 18 | LTBL  | 1661208C1 | D | A13F | 18 | PK | 1661208C1 |   |      |   |   |   |   |      |   |   |   |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | CIRCUIT | GAUGE            | COLOR | TERMINAL   |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A15     | 18               | RD    | 1661208C1  |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A17H    | 16               | PK    | 1661208C1  |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A17HAL  | 16               | PK    | 1661208C1  |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A12     | 18               | LTBL  | 1661208C1  |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| D*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A13DB   | 18               | PK    | 1661208C1  |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| D*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A13F    | 18               | PK    | 1661208C1  |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| D*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A104J   | 18               | DKBL  | 1661208C1  |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | CIRCUIT | GAUGE            | COLOR | TERMINAL   |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A15     | 16               | RD    | 1661208C1  |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| B*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A17H    | 16               | PK    | 1661208C1  |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| B*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A17H    | 18               | PK    | 1661208C1  |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A12     | 18               | LTBL  | 1661208C1  |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A13F    | 18               | PK    | 1661208C1  |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| <p style="text-align: center;">LOC 1 &amp; 2 SWITCH PACK (1101)<br/>(LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p style="text-align: center;">CONNECTOR 2031871C1<br/>BODY LOCK 2031873C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A11-GKD</td><td>18</td><td>WH</td><td>1661261C1</td></tr> <tr><td>B</td><td>A12F</td><td>18</td><td>LTBL</td><td>1661261C1</td></tr> <tr><td>C</td><td>A62DB</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr> <tr><td>D*</td><td>A3C(+)</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr> <tr><td>D*</td><td>A3A(+)</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr> <tr><td>E*</td><td>A3C(-)</td><td>18</td><td>GY</td><td>1661261C1</td></tr> <tr><td>E*</td><td>A3A(-)</td><td>18</td><td>GY</td><td>1661261C1</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> <p style="text-align: center; font-size: 8px;">* MUTUALLY EXCLUSIVE</p> |         |                  |       |            | CAV                                         | CIRCUIT                    | GAUGE | COLOR | TERMINAL | A | A11-GKD | 18 | WH | 1661261C1 | B | A12F | 18 | LTBL | 1661261C1 | C | A62DB  | 18 | DKBL | 1661261C1 | D* | A3C(+) | 18 | DKBL | 1661261C1 | D* | A3A(+) | 18 | DKBL | 1661261C1 | E* | A3C(-) | 18 | GY | 1661261C1 | E* | A3A(-) | 18 | GY   | 1661261C1 | F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | - | - | - | - | <p style="text-align: center;">SWITCH PACK (1101A)<br/>(LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p style="text-align: center;">CONNECTOR 2031872C1<br/>BODY LOCK 2031874C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A11-GJ</td><td>18</td><td>WH</td><td>1661262C1</td></tr> <tr><td>B</td><td>A12FC</td><td>18</td><td>LT BL</td><td>1661262C1</td></tr> <tr><td>C</td><td>A62S</td><td>18</td><td>DK BL</td><td>1661262C1</td></tr> <tr><td>D</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> |         |       |       |          | CAV | CIRC | GAUGE | COLOR | TERMINAL  | A  | A11-GJ | 18 | WH | 1661262C1 | B  | A12FC | 18 | LT BL | 1661262C1 | C | A62S | 18 | DK BL | 1661262C1 | D | PLUG | -  | -  | -         | E | PLUG | - | - | - | F | PLUG | - | - | - |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | CIRCUIT | GAUGE            | COLOR | TERMINAL   |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A11-GKD | 18               | WH    | 1661261C1  |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A12F    | 18               | LTBL  | 1661261C1  |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A62DB   | 18               | DKBL  | 1661261C1  |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| D*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A3C(+)  | 18               | DKBL  | 1661261C1  |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| D*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A3A(+)  | 18               | DKBL  | 1661261C1  |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| E*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A3C(-)  | 18               | GY    | 1661261C1  |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
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| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | CIRC    | GAUGE            | COLOR | TERMINAL   |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A11-GJ  | 18               | WH    | 1661262C1  |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A12FC   | 18               | LT BL | 1661262C1  |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A62S    | 18               | DK BL | 1661262C1  |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PLUG    | -                | -     | -          |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PLUG    | -                | -     | -          |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PLUG    | -                | -     | -          |                                             |                            |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| CHK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DATE    | CHANGE           | REV   | REFERENCE  | DRAWN                                       | NAME                       |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| 0638                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 09FEB15 | ADDED R/D 1101A. | C     | 92855Z     | U00KDD2                                     | CIRCUIT DIAGRAM, TERRASTAR |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| RELEASE NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         | DATE             |       | PART NO.   |                                             | SHEET                      |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |
| 80257V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         | 05JUL11          |       | AE08068784 |                                             | 015                        |       |       |          |   |         |    |    |           |   |      |    |      |           |   |        |    |      |           |    |        |    |      |           |    |        |    |      |           |    |        |    |    |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |       |          |     |      |       |       |           |    |        |    |    |           |    |       |    |       |           |   |      |    |       |           |   |      |    |    |           |   |      |   |   |   |   |      |   |   |   |

Figure 169 Connector Body Composites (1100 / 1100MA / 1101 / 1101A)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.17. CONNECTOR BODY COMPOSITES (1106 / 1107), P. 16

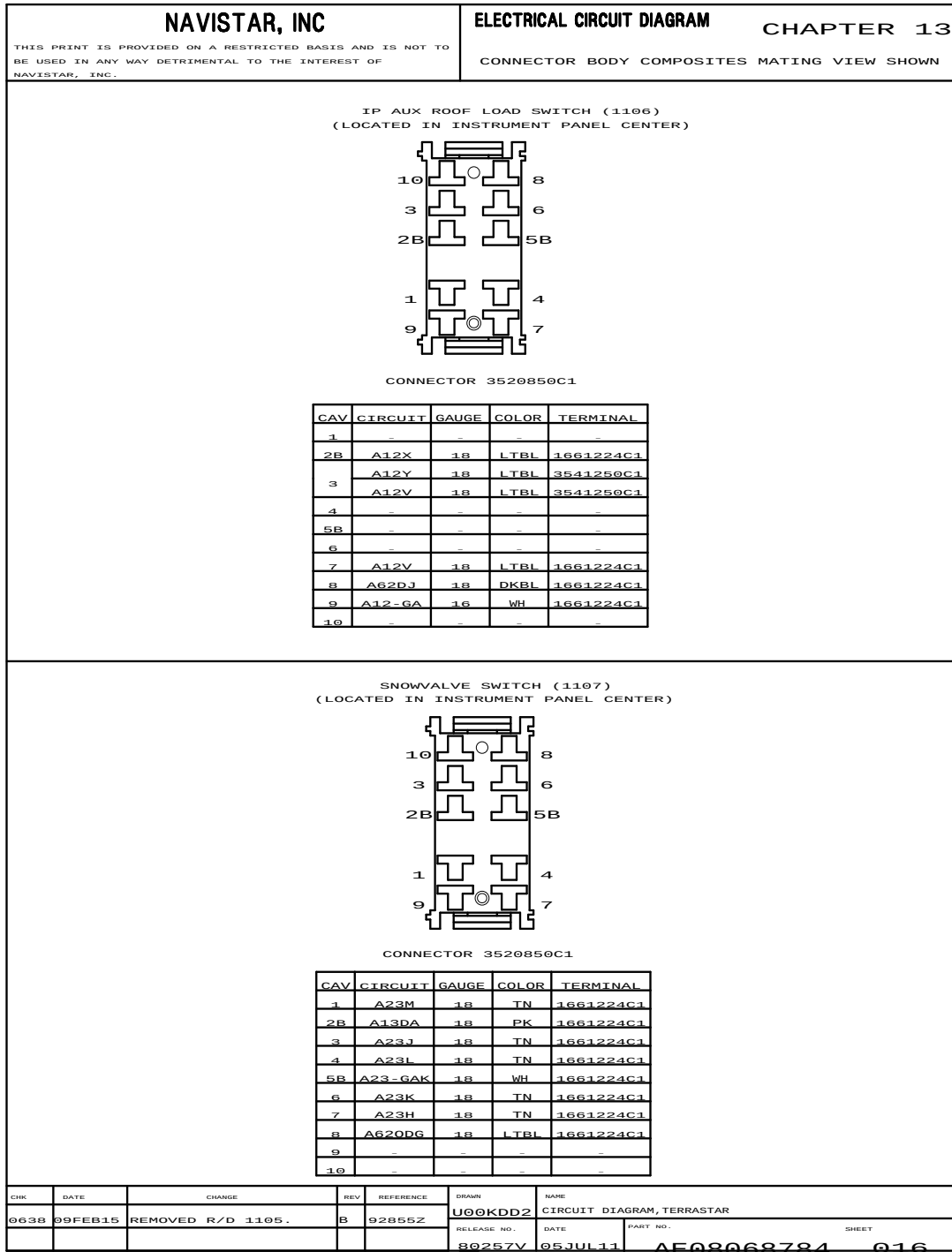


Figure 170 Connector Body Composites (1106 / 1107)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.18. CONNECTOR BODY COMPOSITES (1110 / 1200 / 1210 / 1220), P. 17

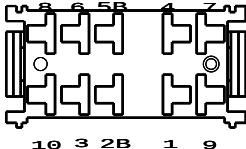
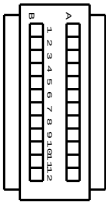
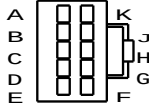
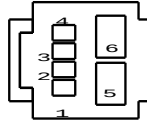
| NAVISTAR, INC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |                  |       |           | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13                                                                                                                    |                            |            |       |          |   |      |    |      |           |    |       |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |      |           |    |       |    |      |           |   |         |    |    |          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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------|-------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------|-------|----------|---|------|----|------|-----------|----|-------|----|------|-----------|----|-------|----|------|-----------|----|-------|----|------|-----------|----|------|----|------|-----------|----|-------|----|------|-----------|----|-------|----|------|-----------|---|---------|----|----|-----------|----|------|----|------|-----------|---|---------|----|----|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|----|-----------|-----|---------|-------|-------|-----------|----|-------|----|----|-----------|---|-------|----|------|-----------|----|---------|----|----|-----------|----|--------|----|------|-----------|---|--------|----|----|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|------|-----------|-----|---------|-------|-------|----------|----|------|----|------|-----------|----|------|----|------|-----------|----|---|---|---|---|----|-----|----|------|-----------|----|---|---|---|---|----|---|---|---|---|----|---|---|---|---|----|---|---|---|---|----|------|----|------|-----------|-----|---|---|---|---|-----|------|----|------|-----------|-----|-------|----|------|-----------|----|------|----|------|-----------|----|------|----|------|-----------|----|---|---|---|---|----|---|---|---|---|----|---|---|---|---|----|-------|----|----|-----------|----|---|---|---|---|----|---|---|---|---|----|-----|----|------|-----------|-----|------|----|------|-----------|-----|------|----|------|-----------|-----|------|----|------|-----------|
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |                  |       |           | CONNECTOR BODY COMPOSITES MATING VIEW SHOWN                                                                                                              |                            |            |       |          |   |      |    |      |           |    |       |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |      |           |    |       |    |      |           |   |         |    |    |          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| <b>AUX TRAILER SOCKET SWITCH</b><br>(1110)<br>(LOCATED IN INSTRUMENT PANEL CENTER)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |                  |       |           | <b>HVAC CONTROL (1200)</b><br>(LOCATED IN INSTRUMENT PANEL CENTER)                                                                                       |                            |            |       |          |   |      |    |      |           |    |       |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |      |           |    |       |    |      |           |   |         |    |    |          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| <br>CONNECTOR 3520850C1<br>@ MUTUALLY EXCLUSIVE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |                  |       |           | <br>CONNECTOR 3534302C1<br>BODY LOCK1 3539892C1<br>BODY LOCK2 3539893C1 |                            |            |       |          |   |      |    |      |           |    |       |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |      |           |    |       |    |      |           |   |         |    |    |           |    |      |    |      |           |   |         |    |    |           |                                                                                        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| <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>A72D</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>2B</td><td>A110C</td><td>18</td><td>GY</td><td>1661224C1</td></tr> <tr><td>3@</td><td>A72CA</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>3@</td><td>A72FA</td><td>18</td><td>OR</td><td>1661226C1</td></tr> <tr><td>3@</td><td>A72F</td><td>16</td><td>OR</td><td>1661226C1</td></tr> <tr><td>3@</td><td>A72ED</td><td>18</td><td>OR</td><td>3541250C1</td></tr> <tr><td>3@</td><td>A72EC</td><td>18</td><td>OR</td><td>3541250C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7@</td><td>A72B</td><td>14</td><td>OR</td><td>1661226C1</td></tr> <tr><td>7@</td><td>A72FA</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>7@</td><td>A72ED</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>8</td><td>A62DK</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr> <tr><td>9@</td><td>A72-GAM</td><td>18</td><td>WH</td><td>1661224C1</td></tr> <tr><td>10</td><td>A72-GB</td><td>18</td><td>WH</td><td>3541250C1</td></tr> <tr><td></td><td>A72-GD</td><td>18</td><td>WH</td><td>3541250C1</td></tr> </tbody> </table> |         |                  |       |           | CAV                                                                                                                                                      | CIRCUIT                    | GAUGE      | COLOR | TERMINAL | 1 | A72D | 18 | OR   | 1661224C1 | 2B | A110C | 18 | GY   | 1661224C1 | 3@ | A72CA | 18 | OR   | 1661224C1 | 3@ | A72FA | 18 | OR   | 1661226C1 | 3@ | A72F | 16 | OR   | 1661226C1 | 3@ | A72ED | 18 | OR   | 3541250C1 | 3@ | A72EC | 18 | OR   | 3541250C1 | 4 | -       | -  | -  | -         | 5B | -    | -  | -    | -         | 6 | -       | -  | -  | -         | 7@                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A72B | 14 | OR | 1661226C1 | 7@  | A72FA   | 18    | OR    | 1661224C1 | 7@ | A72ED | 18 | OR | 1661224C1 | 8 | A62DK | 18 | DKBL | 1661224C1 | 9@ | A72-GAM | 18 | WH | 1661224C1 | 10 | A72-GB | 18 | WH   | 3541250C1 |   | A72-GD | 18 | WH | 3541250C1 | <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A1</td><td>A73A</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr> <tr><td>A2</td><td>A75D</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr> <tr><td>A3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>A4</td><td>A77</td><td>20</td><td>LTGN</td><td>3534303C1</td></tr> <tr><td>A5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>A6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>A7</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>A8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>A9</td><td>A75C</td><td>20</td><td>LTGN</td><td>3534303C1</td></tr> <tr><td>A10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>A11</td><td>A75A</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr> <tr><td>A12</td><td>A62DA</td><td>18</td><td>DKBL</td><td>3522073C1</td></tr> <tr><td>B1</td><td>A74D</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr> <tr><td>B2</td><td>A74E</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr> <tr><td>B3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B6</td><td>A74-G</td><td>18</td><td>WH</td><td>3522073C1</td></tr> <tr><td>B7</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B9</td><td>A74</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr> <tr><td>B10</td><td>A74A</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr> <tr><td>B11</td><td>A74B</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr> <tr><td>B12</td><td>A74C</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr> </tbody> </table> |     |    |      |           | CAV | CIRCUIT | GAUGE | COLOR | TERMINAL | A1 | A73A | 18 | LTGN | 3522073C1 | A2 | A75D | 18 | LTGN | 3522073C1 | A3 | - | - | - | - | A4 | A77 | 20 | LTGN | 3534303C1 | A5 | - | - | - | - | A6 | - | - | - | - | A7 | - | - | - | - | A8 | - | - | - | - | A9 | A75C | 20 | LTGN | 3534303C1 | A10 | - | - | - | - | A11 | A75A | 18 | LTGN | 3522073C1 | A12 | A62DA | 18 | DKBL | 3522073C1 | B1 | A74D | 18 | LTGN | 3522073C1 | B2 | A74E | 18 | LTGN | 3522073C1 | B3 | - | - | - | - | B4 | - | - | - | - | B5 | - | - | - | - | B6 | A74-G | 18 | WH | 3522073C1 | B7 | - | - | - | - | B8 | - | - | - | - | B9 | A74 | 18 | LTGN | 3522073C1 | B10 | A74A | 18 | LTGN | 3522073C1 | B11 | A74B | 18 | LTGN | 3522073C1 | B12 | A74C | 18 | LTGN | 3522073C1 |
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| A3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | - 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| A4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| A5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | - 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| A6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | - 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| A7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | - 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| A8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | - 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| A9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| A10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | - 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| A11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| A12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| B1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| B2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| B10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| B11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| B12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| <b>HVAC UNIT (1210)</b><br>(LOCATED IN INSTRUMENT PANEL RIGHT SIDE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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|    |      |           |    |   |   |   |   |    |   |   |   |   |    |   |   |   |   |    |   |   |   |   |    |      |    |      |           |     |   |   |   |   |     |      |    |      |           |     |       |    |      |           |    |      |    |      |           |    |      |    |      |           |    |   |   |   |   |    |   |   |   |   |    |   |   |   |   |    |       |    |    |           |    |   |   |   |   |    |   |   |   |   |    |     |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |
| <br>CONNECTOR 3837771C1<br>BODY LOCK 3540614C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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| <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A74</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>B</td><td>A74A</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>C</td><td>A74B</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>D</td><td>A74C</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>E</td><td>A74D</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>F</td><td>A74E</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>G</td><td>A75E</td><td>20</td><td>LTGN</td><td>3544254C1</td></tr> <tr><td>H</td><td>A75ZVRA</td><td>18</td><td>GY</td><td>1661261C1</td></tr> <tr><td>J</td><td>A77D</td><td>20</td><td>LTGN</td><td>3544254C1</td></tr> <tr><td>K</td><td>A75ZVRB</td><td>18</td><td>GY</td><td>1661261C1</td></tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |                  |       |           | CAV                                                                                                                                                      | CIRCUIT                    | GAUGE      | COLOR | TERMINAL | A | A74  | 18 | LTGN | 1661261C1 | B  | A74A  | 18 | LTGN | 1661261C1 | C  | A74B  | 18 | LTGN | 1661261C1 | D  | A74C  | 18 | LTGN | 1661261C1 | E  | A74D | 18 | LTGN | 1661261C1 | F  | A74E  | 18 | LTGN | 1661261C1 | G  | A75E  | 20 | LTGN | 3544254C1 | H | A75ZVRA | 18 | GY | 1661261C1 | J  | A77D | 20 | LTGN | 3544254C1 | K | A75ZVRB | 18 | GY | 1661261C1 | <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>A75A</td><td>18</td><td>LTGN</td><td>3544884C1</td></tr> <tr><td>5</td><td>A75-G</td><td>12</td><td>WH</td><td>3605694C1</td></tr> <tr><td>6</td><td>A75</td><td>12</td><td>LTGN</td><td>3605694C1</td></tr> </tbody> </table> |      |    |    |           | CAV | CIRCUIT | GAUGE | COLOR | TERMINAL  | 1  | -     | -  | -  | -         | 2 | -     | -  | -    | -         | 3  | -       | -  | -  | -         | 4  | A75A   | 18 | LTGN | 3544884C1 | 5 | A75-G  | 12 | WH | 3605694C1 | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A75 | 12 | LTGN | 3605694C1 |     |         |       |       |          |    |      |    |      |           |    |      |    |      |           |    |   |   |   |   |    |     |    |      |           |    |   |   |   |   |    |   |   |   |   |    |   |   |   |   |    |   |   |   |   |    |      |    |      |           |     |   |   |   |   |     |      |    |      |           |     |       |    |      |           |    |      |    |      |           |    |      |    |      |           |    |   |   |   |   |    |   |   |   |   |    |   |   |   |   |    |       |    |    |           |    |   |   |   |   |    |   |   |   |   |    |     |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |
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Figure 171 Connector Body Composites (1110 / 1200 / 1210 / 1220)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.19. CONNECTOR BODY COMPOSITES (1300 / 1301 / 1500 / 1501), P. 18

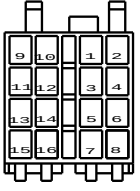
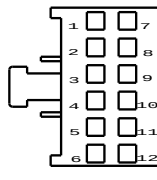
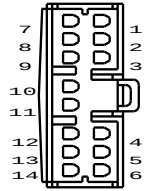
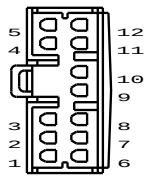
| NAVISTAR, INC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |                  |       |           | ELECTRICAL CIRCUIT <del>CHAPTER</del> 13                                                                    |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------|-------|-----------|-------------------------------------------------------------------------------------------------------------|---------|------------|-------|----------|---|-------|----|----|-----------|---|-----|----|----|-----------|---|------|----|----|-----------|---|-----|----|------|-----------|----|-------|----|------|-----------|----|-------|----|------|-----------|----|------|----|------|-----------|----|-------|----|----|-----------|---|-------|----|------|-----------|----|--------|----|------|-----------|-----|-------|----|------|-----------|-----|------|----|------|-----------|-----|------|----|------|-----------|-----|------|----|------|-----------|----|-------|----|------|-----------|----|-------|----|------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|-----|---------|-------|-------|----------|---|------|----|------|-----------|---|------|----|------|-----------|---|-------|----|------|-----------|---|-------|----|------|-----------|---|-------|----|----|-----------|---|-----|----|------|-----------|---|------|----|------|-----------|---|------|----|------|-----------|---|-------|----|------|-----------|----|-------|----|------|-----------|----|--------|----|----|-----------|----|--------|----|------|-----------|
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |                  |       |           | CONNECTOR BODY COMPOSITES MATING VIEW SHOWN                                                                 |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| RADIO (1300)<br>(LOCATED IN INSTRUMENT PANEL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |                  |       |           | RADIO CONNECTOR (1301)<br>(LOCATED IN INSTRUMENT PANEL - RADIO)                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| <br>CONNECTOR 3597143C1<br>* W/ PREM TRIM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |                  |       |           | <br>CONNECTOR 3580403C1   |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>A54D</td><td>18</td><td>BN</td><td>3597102C1</td></tr> <tr><td>4</td><td>A86</td><td>18</td><td>LTGN</td><td>3597102C1</td></tr> <tr><td>5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>A62E</td><td>18</td><td>DKBL</td><td>3597102C1</td></tr> <tr><td>7</td><td>A86A</td><td>18</td><td>LTGN</td><td>3597102C1</td></tr> <tr><td>8</td><td>A86-G</td><td>18</td><td>WH</td><td>3597102C1</td></tr> <tr><td>9</td><td>A86DA</td><td>20</td><td>LTGN</td><td>3597102C1</td></tr> <tr><td>10</td><td>A86EA</td><td>20</td><td>LTGN</td><td>3597102C1</td></tr> <tr><td>11*</td><td>A86K</td><td>20</td><td>LTGN</td><td>3597102C1</td></tr> <tr><td>12*</td><td>A86L</td><td>20</td><td>LTGN</td><td>3597102C1</td></tr> <tr><td>13*</td><td>A86H</td><td>20</td><td>LTGN</td><td>3597102C1</td></tr> <tr><td>14*</td><td>A86J</td><td>20</td><td>LTGN</td><td>3597102C1</td></tr> <tr><td>15</td><td>A86BA</td><td>20</td><td>LTGN</td><td>3597102C1</td></tr> <tr><td>16</td><td>A86CA</td><td>20</td><td>LTGN</td><td>3597102C1</td></tr> </tbody> </table> |         |                  |       |           | CAV                                                                                                         | CIRCUIT | GAUGE      | COLOR | TERMINAL | 1 | -     | -  | -  | -         | 2 | -   | -  | -  | -         | 3 | A54D | 18 | BN | 3597102C1 | 4 | A86 | 18 | LTGN | 3597102C1 | 5  | -     | -  | -    | -         | 6  | A62E  | 18 | DKBL | 3597102C1 | 7  | A86A | 18 | LTGN | 3597102C1 | 8  | A86-G | 18 | WH | 3597102C1 | 9 | A86DA | 20 | LTGN | 3597102C1 | 10 | A86EA  | 20 | LTGN | 3597102C1 | 11* | A86K  | 20 | LTGN | 3597102C1 | 12* | A86L | 20 | LTGN | 3597102C1 | 13* | A86H | 20 | LTGN | 3597102C1 | 14* | A86J | 20 | LTGN | 3597102C1 | 15 | A86BA | 20 | LTGN | 3597102C1 | 16 | A86CA | 20 | LTGN | 3597102C1 | <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>A86H</td><td>20</td><td>LTGN</td><td>3580404C1</td></tr> <tr><td>2</td><td>A86J</td><td>20</td><td>LTGN</td><td>3580404C1</td></tr> <tr><td>3</td><td>A86BA</td><td>20</td><td>LTGN</td><td>3580404C1</td></tr> <tr><td>4</td><td>A86CA</td><td>20</td><td>LTGN</td><td>3580404C1</td></tr> <tr><td>5</td><td>A86-G</td><td>20</td><td>WH</td><td>3580404C1</td></tr> <tr><td>6</td><td>A86</td><td>20</td><td>LTGN</td><td>3580404C1</td></tr> <tr><td>7</td><td>A86K</td><td>20</td><td>LTGN</td><td>3580404C1</td></tr> <tr><td>8</td><td>A86L</td><td>20</td><td>LTGN</td><td>3580404C1</td></tr> <tr><td>9</td><td>A86DA</td><td>20</td><td>LTGN</td><td>3580404C1</td></tr> <tr><td>10</td><td>A86EA</td><td>20</td><td>LTGN</td><td>3580404C1</td></tr> <tr><td>11</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>12</td><td>A86AA</td><td>20</td><td>LTGN</td><td>3580404C1</td></tr> </tbody> </table> |  |  |  |  | CAV | CIRCUIT | GAUGE | COLOR | TERMINAL | 1 | A86H | 20 | LTGN | 3580404C1 | 2 | A86J | 20 | LTGN | 3580404C1 | 3 | A86BA | 20 | LTGN | 3580404C1 | 4 | A86CA | 20 | LTGN | 3580404C1 | 5 | A86-G | 20 | WH | 3580404C1 | 6 | A86 | 20 | LTGN | 3580404C1 | 7 | A86K | 20 | LTGN | 3580404C1 | 8 | A86L | 20 | LTGN | 3580404C1 | 9 | A86DA | 20 | LTGN | 3580404C1 | 10 | A86EA | 20 | LTGN | 3580404C1 | 11 | -      | -  | -  | -         | 12 | A86AA  | 20 | LTGN | 3580404C1 |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CIRCUIT | GAUGE            | COLOR | TERMINAL  |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -       | -                | -     | -         |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
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| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A54D    | 18               | BN    | 3597102C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A86     | 18               | LTGN  | 3597102C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -       | -                | -     | -         |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A62E    | 18               | DKBL  | 3597102C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A86A    | 18               | LTGN  | 3597102C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A86-G   | 18               | WH    | 3597102C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A86DA   | 20               | LTGN  | 3597102C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A86EA   | 20               | LTGN  | 3597102C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 11*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A86K    | 20               | LTGN  | 3597102C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 12*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A86L    | 20               | LTGN  | 3597102C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 13*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A86H    | 20               | LTGN  | 3597102C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 14*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A86J    | 20               | LTGN  | 3597102C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A86BA   | 20               | LTGN  | 3597102C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A86CA   | 20               | LTGN  | 3597102C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CIRCUIT | GAUGE            | COLOR | TERMINAL  |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A86H    | 20               | LTGN  | 3580404C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A86J    | 20               | LTGN  | 3580404C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A86BA   | 20               | LTGN  | 3580404C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A86CA   | 20               | LTGN  | 3580404C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A86-G   | 20               | WH    | 3580404C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A86     | 20               | LTGN  | 3580404C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
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| CLUSTER CONNECTOR (1500)<br>(LOCATED IN INSTRUMENT PANEL CENTER)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |                  |       |           | CLUSTER CONNECTOR (1501)<br>(LOCATED IN INSTRUMENT PANEL CENTER)                                            |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| <br>CONNECTOR 3548792C1<br>* MUTUALLY EXCLUSIVE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |                  |       |           | <br>CONNECTOR 2018590C1 |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>A28-G</td><td>16</td><td>WH</td><td>2018639C1</td></tr> <tr><td>2</td><td>A28</td><td>16</td><td>TN</td><td>2018639C1</td></tr> <tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>A62</td><td>18</td><td>DKBL</td><td>2018639C1</td></tr> <tr><td>*5</td><td>A62DA</td><td>18</td><td>DKBL</td><td>2018639C1</td></tr> <tr><td>*5</td><td>A62BD</td><td>18</td><td>DKBL</td><td>2018639C1</td></tr> <tr><td>*6</td><td>A62P</td><td>18</td><td>DKBL</td><td>2018639C1</td></tr> <tr><td>*6</td><td>A62BE</td><td>18</td><td>GY</td><td>2018639C1</td></tr> <tr><td>7</td><td>A28A</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>8</td><td>A110AD</td><td>18</td><td>GY</td><td>2018639C1</td></tr> <tr><td>9</td><td>A72CA</td><td>18</td><td>OR</td><td>2018639C1</td></tr> <tr><td>10</td><td>A72D</td><td>18</td><td>OR</td><td>2018639C1</td></tr> <tr><td>11</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>12</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>13</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>14</td><td>A52C</td><td>20</td><td>YL</td><td>2018639C1</td></tr> </tbody> </table>                             |         |                  |       |           | CAV                                                                                                         | CIRCUIT | GAUGE      | COLOR | TERMINAL | 1 | A28-G | 16 | WH | 2018639C1 | 2 | A28 | 16 | TN | 2018639C1 | 3 | -    | -  | -  | -         | 4 | A62 | 18 | DKBL | 2018639C1 | *5 | A62DA | 18 | DKBL | 2018639C1 | *5 | A62BD | 18 | DKBL | 2018639C1 | *6 | A62P | 18 | DKBL | 2018639C1 | *6 | A62BE | 18 | GY | 2018639C1 | 7 | A28A  | 18 | TN   | 2018639C1 | 8  | A110AD | 18 | GY   | 2018639C1 | 9   | A72CA | 18 | OR   | 2018639C1 | 10  | A72D | 18 | OR   | 2018639C1 | 11  | -    | -  | -    | -         | 12  | -    | -  | -    | -         | 13 | -     | -  | -    | -         | 14 | A52C  | 20 | YL   | 2018639C1 | <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>9</td><td>A41</td><td>18</td><td>GY</td><td>2018639C1</td></tr> <tr><td>10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>11</td><td>A5D(-)</td><td>18</td><td>GN</td><td>2018639C1</td></tr> <tr><td>12</td><td>A5D(+)</td><td>18</td><td>YL</td><td>2018639C1</td></tr> </tbody> </table>                                                                                                                               |  |  |  |  | CAV | CIRCUIT | GAUGE | COLOR | TERMINAL | 1 | -    | -  | -    | -         | 2 | -    | -  | -    | -         | 3 | -     | -  | -    | -         | 4 | -     | -  | -    | -         | 5 | -     | -  | -  | -         | 6 | -   | -  | -    | -         | 7 | -    | -  | -    | -         | 8 | -    | -  | -    | -         | 9 | A41   | 18 | GY   | 2018639C1 | 10 | -     | -  | -    | -         | 11 | A5D(-) | 18 | GN | 2018639C1 | 12 | A5D(+) | 18 | YL   | 2018639C1 |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CIRCUIT | GAUGE            | COLOR | TERMINAL  |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
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| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A28     | 16               | TN    | 2018639C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -       | -                | -     | -         |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A62     | 18               | DKBL  | 2018639C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| *5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A62DA   | 18               | DKBL  | 2018639C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| *5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A62BD   | 18               | DKBL  | 2018639C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| *6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A62P    | 18               | DKBL  | 2018639C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| *6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A62BE   | 18               | GY    | 2018639C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A28A    | 18               | TN    | 2018639C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A110AD  | 18               | GY    | 2018639C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A72CA   | 18               | OR    | 2018639C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A72D    | 18               | OR    | 2018639C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -       | -                | -     | -         |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -       | -                | -     | -         |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -       | -                | -     | -         |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A52C    | 20               | YL    | 2018639C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CIRCUIT | GAUGE            | COLOR | TERMINAL  |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -       | -                | -     | -         |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -       | -                | -     | -         |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -       | -                | -     | -         |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -       | -                | -     | -         |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -       | -                | -     | -         |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -       | -                | -     | -         |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -       | -                | -     | -         |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -       | -                | -     | -         |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A41     | 18               | GY    | 2018639C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -       | -                | -     | -         |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A5D(-)  | 18               | GN    | 2018639C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A5D(+)  | 18               | YL    | 2018639C1 |                                                                                                             |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| CHK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DATE    | CHANGE           | REV   | REFERENCE | DRAWN                                                                                                       |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
| CNA1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 26JUL11 | INITIAL RELEASE. | A     | 80257V    | U00KDD2                                                                                                     |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |                  |       |           | NAME                                                                                                        |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |                  |       |           | CIRCUIT DIAGRAM, TERRASTAR                                                                                  |         |            |       |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |                  |       |           | RELEASE NO.                                                                                                 | DATE    | PART NO.   | SHEET |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |                  |       |           | 80257V                                                                                                      | 05JUL11 | AE08068784 | 018   |          |   |       |    |    |           |   |     |    |    |           |   |      |    |    |           |   |     |    |      |           |    |       |    |      |           |    |       |    |      |           |    |      |    |      |           |    |       |    |    |           |   |       |    |      |           |    |        |    |      |           |     |       |    |      |           |     |      |    |      |           |     |      |    |      |           |     |      |    |      |           |    |       |    |      |           |    |       |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |   |       |    |      |           |   |       |    |    |           |   |     |    |      |           |   |      |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |        |    |    |           |    |        |    |      |           |

Figure 172 Connector Body Composites (1300 / 1301 / 1500 / 1501)

## 13.20. CONNECTOR BODY COMPOSITES (1501 / 1502 / 1503), P. 18A

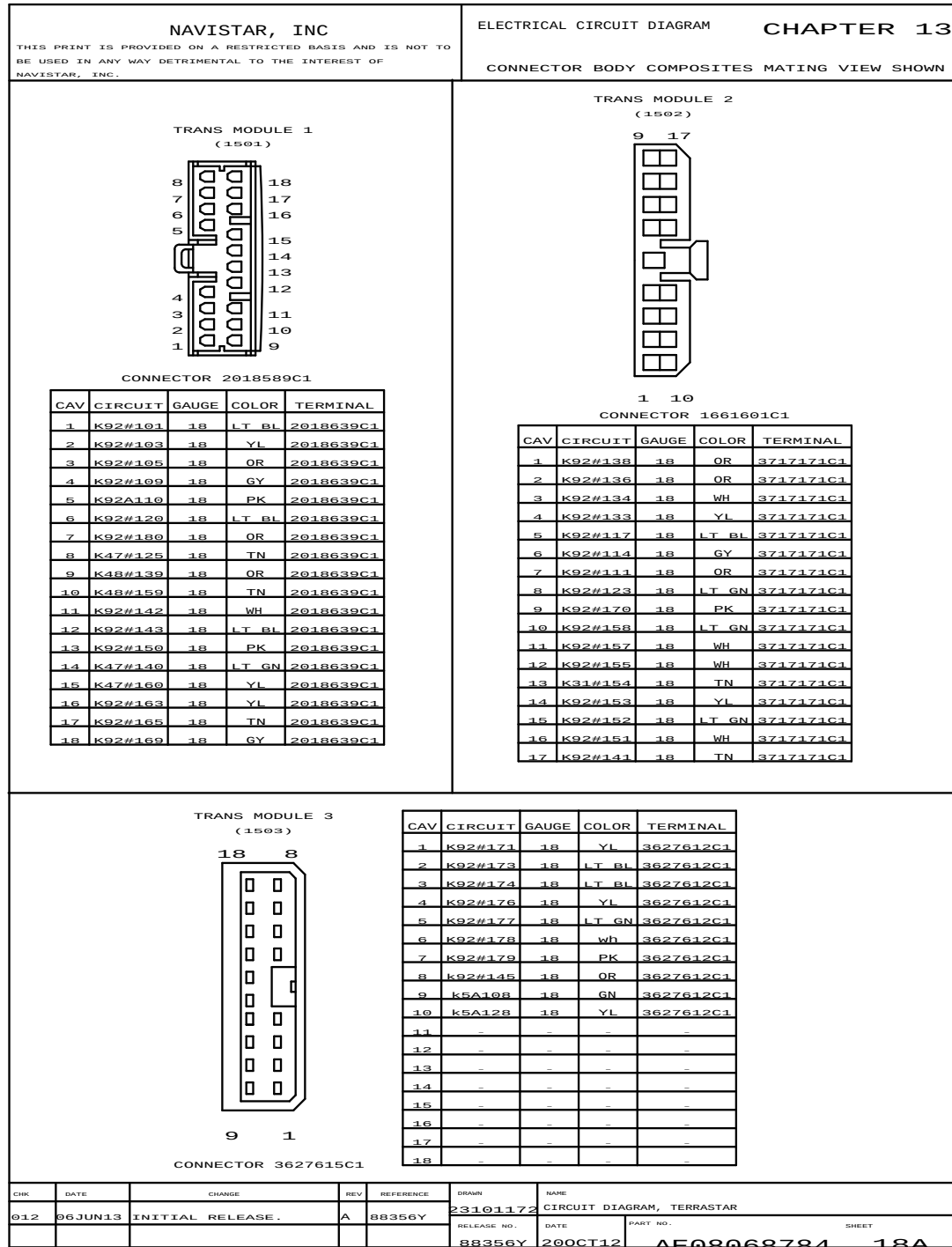


Figure 173 Connector Body Composites (1501 / 1502 / 1503)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.21. CONNECTOR BODY COMPOSITES (1512 / 1600), P. 19

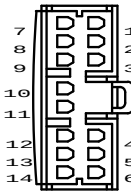
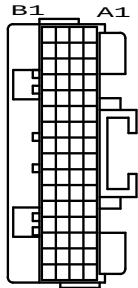
| NAVISTAR, INC                                                                                                                                                                                                                                                                         |         |                      |       |           | ELECTRICAL CIRCUIT DIAGRAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                            | CHAPTER 13 |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------|-------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------|--|-----|---------|-------|-------|----------|----|--------|----|------|-----------|----|------|----|------|-----------|----|------|----|------|-----------|----|---------|----|----|-----------|----|------|----|----|-----------|----|------|----|----|-----------|----|-------|----|----|-----------|----|-------|----|------|-----------|----|------|----|----|-----------|-----|--------|----|----|-----------|-----|--------|----|----|-----------|-----|------|----|----|-----------|-----|-------|----|------|-----------|-----|-------|----|----|-----------|-----|------|----|----|-----------|-----|-----|----|----|-----------|-----|---------|-------|-------|----------|----|------|----|----|-----------|----|-----|----|----|-----------|----|------|----|----|-----------|----|------|----|----|-----------|----|------|----|------|-----------|----|------|----|----|-----------|----|------|----|------|-----------|----|------|----|----|-----------|----|---|---|---|---|-----|-------|----|----|-----------|-----|---|---|---|---|-----|------|----|------|-----------|-----|------|----|------|-----------|-----|---|---|---|---|-----|---|---|---|---|-----|-----|----|----|-----------|
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.                                                                                                                                                           |         |                      |       |           | CONNECTOR BODY COMPOSITES MATING VIEW SHOWN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| <p>GAUGE SWITCH PACK (1512)<br/>(LOCATED IN INSTRUMENT PANEL BEHIND CENTER PANEL)</p>  <p style="text-align: center;">CONNECTOR 3548792C1</p>                                                        |         |                      |       |           | <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>A11-GJ</td><td>18</td><td>WH</td><td>2018639C1</td></tr><tr><td>2</td><td>A62S</td><td>18</td><td>DKBL</td><td>2018639C1</td></tr><tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>4</td><td>A11-GAB</td><td>18</td><td>WH</td><td>2018639C1</td></tr><tr><td>5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>7</td><td>A14FF</td><td>16</td><td>RD</td><td>2018639C1</td></tr><tr><td>8</td><td>A12FC</td><td>18</td><td>LTBL</td><td>2018639C1</td></tr><tr><td>9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>10</td><td>A5C(-)</td><td>18</td><td>GN</td><td>2018639C1</td></tr><tr><td>11</td><td>A5C(+)</td><td>18</td><td>YL</td><td>2018639C1</td></tr><tr><td>12</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>13</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>14</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |            |  | CAV | CIRCUIT | GAUGE | COLOR | TERMINAL | 1  | A11-GJ | 18 | WH   | 2018639C1 | 2  | A62S | 18 | DKBL | 2018639C1 | 3  | -    | -  | -    | -         | 4  | A11-GAB | 18 | WH | 2018639C1 | 5  | -    | -  | -  | -         | 6  | -    | -  | -  | -         | 7  | A14FF | 16 | RD | 2018639C1 | 8  | A12FC | 18 | LTBL | 2018639C1 | 9  | -    | -  | -  | -         | 10  | A5C(-) | 18 | GN | 2018639C1 | 11  | A5C(+) | 18 | YL | 2018639C1 | 12  | -    | -  | -  | -         | 13  | -     | -  | -    | -         | 14  | -     | -  | -  | -         |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| CAV                                                                                                                                                                                                                                                                                   | CIRCUIT | GAUGE                | COLOR | TERMINAL  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| 1                                                                                                                                                                                                                                                                                     | A11-GJ  | 18                   | WH    | 2018639C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| 2                                                                                                                                                                                                                                                                                     | A62S    | 18                   | DKBL  | 2018639C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| 3                                                                                                                                                                                                                                                                                     | -       | -                    | -     | -         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| 4                                                                                                                                                                                                                                                                                     | A11-GAB | 18                   | WH    | 2018639C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| 5                                                                                                                                                                                                                                                                                     | -       | -                    | -     | -         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| 6                                                                                                                                                                                                                                                                                     | -       | -                    | -     | -         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| 7                                                                                                                                                                                                                                                                                     | A14FF   | 16                   | RD    | 2018639C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| 8                                                                                                                                                                                                                                                                                     | A12FC   | 18                   | LTBL  | 2018639C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| 9                                                                                                                                                                                                                                                                                     | -       | -                    | -     | -         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| 10                                                                                                                                                                                                                                                                                    | A5C(-)  | 18                   | GN    | 2018639C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| 11                                                                                                                                                                                                                                                                                    | A5C(+)  | 18                   | YL    | 2018639C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| 12                                                                                                                                                                                                                                                                                    | -       | -                    | -     | -         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| 13                                                                                                                                                                                                                                                                                    | -       | -                    | -     | -         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| 14                                                                                                                                                                                                                                                                                    | -       | -                    | -     | -         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| <p>BODY CONTROLLER #J3 (1600)<br/>(LOCATED ON LEFT SIDE KICK PANEL - BODY CONTROLLER)</p>  <p style="text-align: center;">CONNECTOR 3598706C1<br/>BODY LOCK1 1618846C1<br/>BODY LOCK2 1618847C1</p> |         |                      |       |           | <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A1</td><td>A12C</td><td>18</td><td>LTBL</td><td>3522073C1</td></tr><tr><td>A2</td><td>A77</td><td>20</td><td>LTGN</td><td>3534303C1</td></tr><tr><td>A3</td><td>A75C</td><td>20</td><td>LTGN</td><td>3534303C1</td></tr><tr><td>A4</td><td>A52A</td><td>20</td><td>YL</td><td>3534303C1</td></tr><tr><td>A5</td><td>A85B</td><td>20</td><td>GY</td><td>3534303C1</td></tr><tr><td>A6</td><td>A57R</td><td>20</td><td>OR</td><td>3534303C1</td></tr><tr><td>A7</td><td>A56L</td><td>20</td><td>OR</td><td>3534303C1</td></tr><tr><td>A8</td><td>A87EA</td><td>18</td><td>GY</td><td>3522073C1</td></tr><tr><td>A9</td><td>A82A</td><td>20</td><td>GY</td><td>3534303C1</td></tr><tr><td>A10</td><td>A82B</td><td>20</td><td>GY</td><td>3534303C1</td></tr><tr><td>A11</td><td>A82C</td><td>20</td><td>GY</td><td>3534303C1</td></tr><tr><td>A12</td><td>A44A</td><td>16</td><td>GY</td><td>3522073C1</td></tr><tr><td>A13</td><td>A63DF</td><td>18</td><td>DKBL</td><td>3522073C1</td></tr><tr><td>A14</td><td>A102A</td><td>20</td><td>YL</td><td>3534303C1</td></tr><tr><td>A15</td><td>A87B</td><td>20</td><td>GY</td><td>3534303C1</td></tr><tr><td>A16</td><td>A13</td><td>16</td><td>PK</td><td>3522073C1</td></tr></tbody></table> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>B1</td><td>A100</td><td>20</td><td>GY</td><td>3534303C1</td></tr><tr><td>B2</td><td>A40</td><td>18</td><td>GY</td><td>3522073C1</td></tr><tr><td>B3</td><td>A40A</td><td>18</td><td>GY</td><td>3522073C1</td></tr><tr><td>B4</td><td>A97A</td><td>18</td><td>PL</td><td>3522073C1</td></tr><tr><td>B5</td><td>A77D</td><td>20</td><td>LTGN</td><td>3534303C1</td></tr><tr><td>B6</td><td>A90M</td><td>18</td><td>GY</td><td>3522073C1</td></tr><tr><td>B7</td><td>A88B</td><td>16</td><td>LTGN</td><td>3522073C1</td></tr><tr><td>B8</td><td>A30A</td><td>18</td><td>TN</td><td>3522073C1</td></tr><tr><td>B9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>B10</td><td>A90HB</td><td>18</td><td>GY</td><td>3522073C1</td></tr><tr><td>B11</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>B12</td><td>A77B</td><td>20</td><td>LTGN</td><td>3534303C1</td></tr><tr><td>B13</td><td>A75E</td><td>20</td><td>LTGN</td><td>3534303C1</td></tr><tr><td>B14</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>B15</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>B16</td><td>A97</td><td>20</td><td>GY</td><td>3534303C1</td></tr></tbody></table> |                            |            |  | CAV | CIRCUIT | GAUGE | COLOR | TERMINAL | A1 | A12C   | 18 | LTBL | 3522073C1 | A2 | A77  | 20 | LTGN | 3534303C1 | A3 | A75C | 20 | LTGN | 3534303C1 | A4 | A52A    | 20 | YL | 3534303C1 | A5 | A85B | 20 | GY | 3534303C1 | A6 | A57R | 20 | OR | 3534303C1 | A7 | A56L  | 20 | OR | 3534303C1 | A8 | A87EA | 18 | GY   | 3522073C1 | A9 | A82A | 20 | GY | 3534303C1 | A10 | A82B   | 20 | GY | 3534303C1 | A11 | A82C   | 20 | GY | 3534303C1 | A12 | A44A | 16 | GY | 3522073C1 | A13 | A63DF | 18 | DKBL | 3522073C1 | A14 | A102A | 20 | YL | 3534303C1 | A15 | A87B | 20 | GY | 3534303C1 | A16 | A13 | 16 | PK | 3522073C1 | CAV | CIRCUIT | GAUGE | COLOR | TERMINAL | B1 | A100 | 20 | GY | 3534303C1 | B2 | A40 | 18 | GY | 3522073C1 | B3 | A40A | 18 | GY | 3522073C1 | B4 | A97A | 18 | PL | 3522073C1 | B5 | A77D | 20 | LTGN | 3534303C1 | B6 | A90M | 18 | GY | 3522073C1 | B7 | A88B | 16 | LTGN | 3522073C1 | B8 | A30A | 18 | TN | 3522073C1 | B9 | - | - | - | - | B10 | A90HB | 18 | GY | 3522073C1 | B11 | - | - | - | - | B12 | A77B | 20 | LTGN | 3534303C1 | B13 | A75E | 20 | LTGN | 3534303C1 | B14 | - | - | - | - | B15 | - | - | - | - | B16 | A97 | 20 | GY | 3534303C1 |
| CAV                                                                                                                                                                                                                                                                                   | CIRCUIT | GAUGE                | COLOR | TERMINAL  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| A1                                                                                                                                                                                                                                                                                    | A12C    | 18                   | LTBL  | 3522073C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| A2                                                                                                                                                                                                                                                                                    | A77     | 20                   | LTGN  | 3534303C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| A3                                                                                                                                                                                                                                                                                    | A75C    | 20                   | LTGN  | 3534303C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| A4                                                                                                                                                                                                                                                                                    | A52A    | 20                   | YL    | 3534303C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| A5                                                                                                                                                                                                                                                                                    | A85B    | 20                   | GY    | 3534303C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| A6                                                                                                                                                                                                                                                                                    | A57R    | 20                   | OR    | 3534303C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| A7                                                                                                                                                                                                                                                                                    | A56L    | 20                   | OR    | 3534303C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| A8                                                                                                                                                                                                                                                                                    | A87EA   | 18                   | GY    | 3522073C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| A9                                                                                                                                                                                                                                                                                    | A82A    | 20                   | GY    | 3534303C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| A10                                                                                                                                                                                                                                                                                   | A82B    | 20                   | GY    | 3534303C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| A11                                                                                                                                                                                                                                                                                   | A82C    | 20                   | GY    | 3534303C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| A12                                                                                                                                                                                                                                                                                   | A44A    | 16                   | GY    | 3522073C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| A13                                                                                                                                                                                                                                                                                   | A63DF   | 18                   | DKBL  | 3522073C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| A14                                                                                                                                                                                                                                                                                   | A102A   | 20                   | YL    | 3534303C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| A15                                                                                                                                                                                                                                                                                   | A87B    | 20                   | GY    | 3534303C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| A16                                                                                                                                                                                                                                                                                   | A13     | 16                   | PK    | 3522073C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| CAV                                                                                                                                                                                                                                                                                   | CIRCUIT | GAUGE                | COLOR | TERMINAL  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| B1                                                                                                                                                                                                                                                                                    | A100    | 20                   | GY    | 3534303C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| B2                                                                                                                                                                                                                                                                                    | A40     | 18                   | GY    | 3522073C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| B3                                                                                                                                                                                                                                                                                    | A40A    | 18                   | GY    | 3522073C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| B4                                                                                                                                                                                                                                                                                    | A97A    | 18                   | PL    | 3522073C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| B5                                                                                                                                                                                                                                                                                    | A77D    | 20                   | LTGN  | 3534303C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| B6                                                                                                                                                                                                                                                                                    | A90M    | 18                   | GY    | 3522073C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| B7                                                                                                                                                                                                                                                                                    | A88B    | 16                   | LTGN  | 3522073C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| B8                                                                                                                                                                                                                                                                                    | A30A    | 18                   | TN    | 3522073C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| B9                                                                                                                                                                                                                                                                                    | -       | -                    | -     | -         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| B10                                                                                                                                                                                                                                                                                   | A90HB   | 18                   | GY    | 3522073C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| B11                                                                                                                                                                                                                                                                                   | -       | -                    | -     | -         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| B12                                                                                                                                                                                                                                                                                   | A77B    | 20                   | LTGN  | 3534303C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| B13                                                                                                                                                                                                                                                                                   | A75E    | 20                   | LTGN  | 3534303C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| B14                                                                                                                                                                                                                                                                                   | -       | -                    | -     | -         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| B15                                                                                                                                                                                                                                                                                   | -       | -                    | -     | -         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| B16                                                                                                                                                                                                                                                                                   | A97     | 20                   | GY    | 3534303C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| CHK                                                                                                                                                                                                                                                                                   | DATE    | CHANGE               | REV   | REFERENCE | DRAWN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | NAME                       |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| 012                                                                                                                                                                                                                                                                                   | 06JUN13 | REVISED AND UPDATED. | B     | 88356Y    | U00KDD2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CIRCUIT DIAGRAM, TERRASTAR |            |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| RELEASE NO.                                                                                                                                                                                                                                                                           |         |                      |       |           | DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PART NO.                   | SHEET      |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |
| 80257V                                                                                                                                                                                                                                                                                |         |                      |       |           | 05JUL11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | AE08068784                 | 019        |  |     |         |       |       |          |    |        |    |      |           |    |      |    |      |           |    |      |    |      |           |    |         |    |    |           |    |      |    |    |           |    |      |    |    |           |    |       |    |    |           |    |       |    |      |           |    |      |    |    |           |     |        |    |    |           |     |        |    |    |           |     |      |    |    |           |     |       |    |      |           |     |       |    |    |           |     |      |    |    |           |     |     |    |    |           |     |         |       |       |          |    |      |    |    |           |    |     |    |    |           |    |      |    |    |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |      |    |      |           |    |      |    |    |           |    |   |   |   |   |     |       |    |    |           |     |   |   |   |   |     |      |    |      |           |     |      |    |      |           |     |   |   |   |   |     |   |   |   |   |     |     |    |    |           |

Figure 174 Connector Body Composites (1512 / 1600)

## 13.22. CONNECTOR BODY COMPOSITES (1601), P. 20

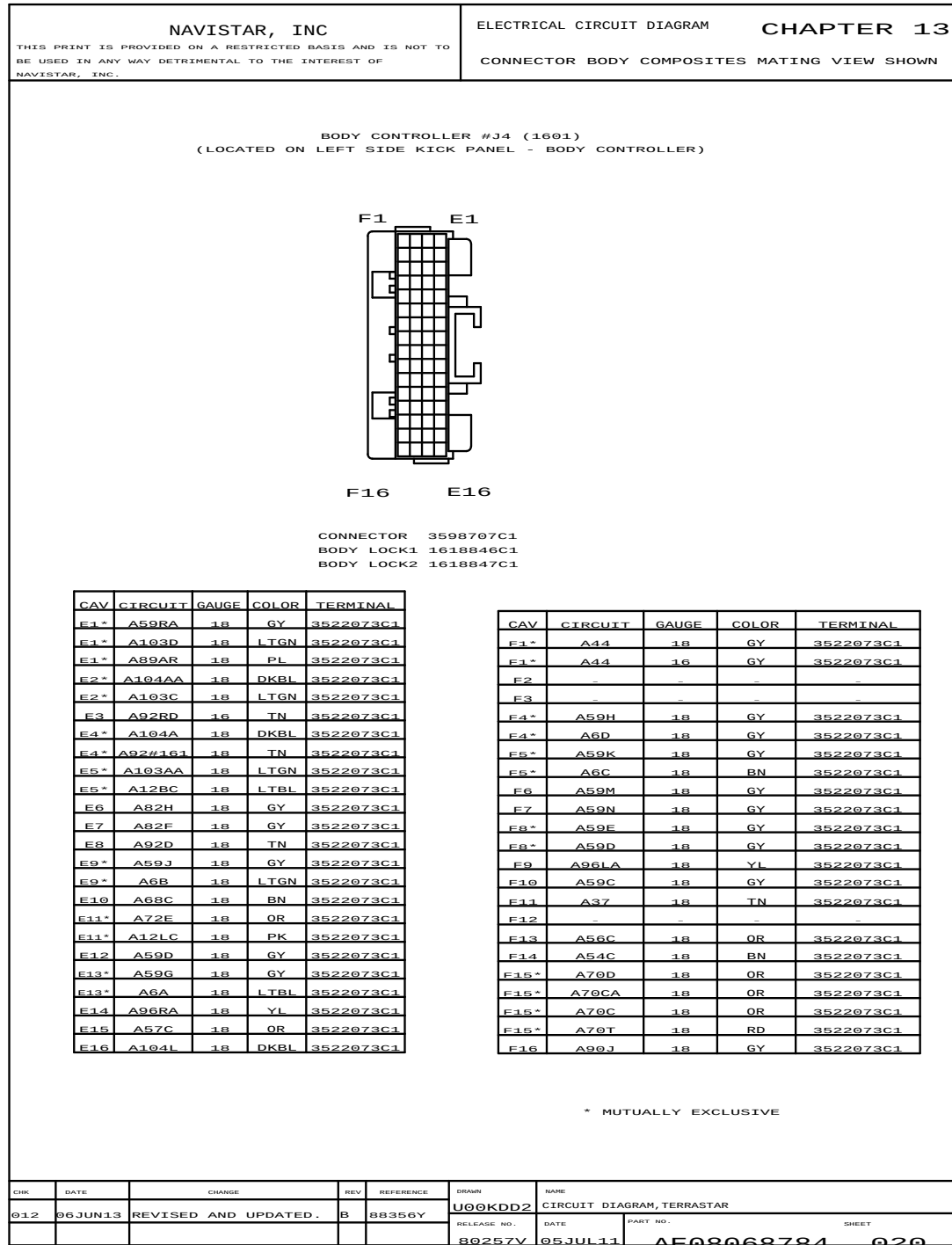


Figure 175 Connector Body Composites (1601)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.23. CONNECTOR BODY COMPOSITES (1602), P. 21

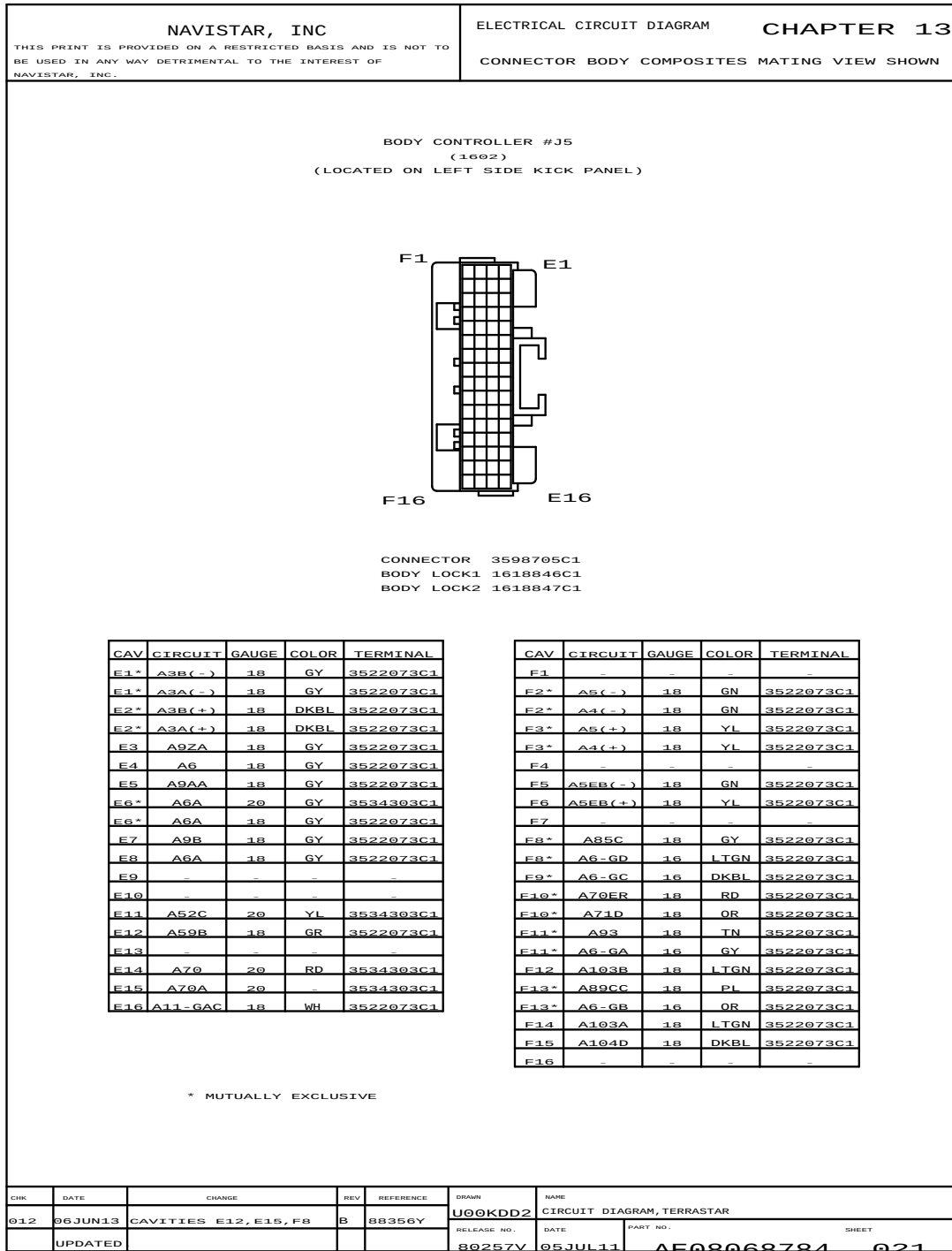
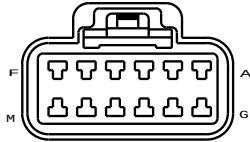
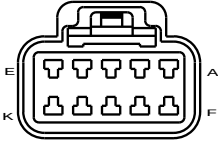
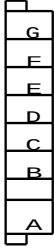


Figure 176 Connector Body Composites (1602)



## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.24. CONNECTOR BODY COMPOSITES (1603 / 1604 / 1623 / 1625), P. 22

| NAVISTAR, INC                                                                                                               |         |       |       |           | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13                                                |         |       |       |           |               |
|-----------------------------------------------------------------------------------------------------------------------------|---------|-------|-------|-----------|--------------------------------------------------------------------------------------|---------|-------|-------|-----------|---------------|
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC. |         |       |       |           | CONNECTOR BODY COMPOSITES MATING VIEW SHOWN                                          |         |       |       |           |               |
| BODY CONTROLLER #J1 (1603)<br>(LOCATED ON LEFT SIDE KICK PANEL)                                                             |         |       |       |           | BODY CONTROLLER #J2 (1604)<br>(LOCATED ON LEFT SIDE KICK PANEL)                      |         |       |       |           |               |
|                                            |         |       |       |           |   |         |       |       |           |               |
| CONNECTOR 3598711C1                                                                                                         |         |       |       |           | CONNECTOR 3598710C1                                                                  |         |       |       |           |               |
| CAV                                                                                                                         | CIRCUIT | GAUGE | COLOR | TERMINAL  | CAV                                                                                  | CIRCUIT | GAUGE | COLOR | TERMINAL  |               |
| A                                                                                                                           | A57A    | 16    | OR    | 3544876C1 | A                                                                                    | A82     | 16    | GY    | 3544876C1 |               |
| B                                                                                                                           | A56A    | 16    | OR    | 3544876C1 | B*                                                                                   | A53AA   | 14    | YL    | 3544877C1 |               |
| C                                                                                                                           | A77A    | 16    | LTGN  | 3544876C1 | B*                                                                                   | A53PB   | 14    | YL    | 3544877C1 |               |
| D                                                                                                                           | A56C    | 16    | OR    | 3544876C1 | B*                                                                                   | A53     | 14    | YL    | 3544877C1 |               |
| E                                                                                                                           | A85E    | 16    | GY    | 3544876C1 | C*                                                                                   | A52AA   | 14    | YL    | 3544877C1 |               |
| F                                                                                                                           | A64A    | 16    | YL    | 3544876C1 | C*                                                                                   | A52PC   | 14    | YL    | 3544877C1 |               |
| G                                                                                                                           | -       | -     | -     | -         | C*                                                                                   | A52     | 14    | YL    | 3544877C1 |               |
| H*                                                                                                                          | A78A    | 16    | LTGN  | 3544876C1 | D                                                                                    | -       | -     | -     | -         |               |
| H*                                                                                                                          | A78AA   | 16    | LTGN  | 3544876C1 | E                                                                                    | A11-GB  | 12    | WH    | 3544877C1 |               |
| J                                                                                                                           | -       | -     | -     | -         | F                                                                                    | A68     | 16    | BN    | 3544876C1 |               |
| K                                                                                                                           | A64B    | 16    | YL    | 3544876C1 | G                                                                                    | A58     | 16    | BN    | 3544876C1 |               |
| L*                                                                                                                          | A78B    | 16    | LTGN  | 3544876C1 | H*                                                                                   | A53B    | 14    | YL    | 3544877C1 |               |
| L*                                                                                                                          | A78BA   | 16    | LTGN  | 3544876C1 | H*                                                                                   | A53PA   | 14    | YL    | 3544877C1 |               |
| M                                                                                                                           | A57C    | 16    | OR    | 3544876C1 | J                                                                                    | A63A    | 18    | DKBL  | 3544876C1 |               |
|                                                                                                                             |         |       |       |           | K*                                                                                   | A52D    | 14    | YL    | 3544877C1 |               |
|                                                                                                                             |         |       |       |           | K*                                                                                   | A52PD   | 14    | YL    | 3544877C1 |               |
| * MUTUALLY EXCLUSIVE                                                                                                        |         |       |       |           | * MUTUALLY EXCLUSIVE                                                                 |         |       |       |           |               |
| BASE 1 ADAPTER (1623)<br>(LOCATED IN INSTRUMENT PANEL CENTER)                                                               |         |       |       |           | REAR TURNS PANEL ADAPTER (1625)<br>(LOCATED IN INSTRUMENT PANEL CENTER)              |         |       |       |           |               |
|                                          |         |       |       |           |  |         |       |       |           |               |
| CONNECTOR 2006789C1<br>BODY LOCK 2006792C1                                                                                  |         |       |       |           | CONNECTOR 3543733C1<br>BODY LOCK 3543732C1                                           |         |       |       |           |               |
| CAV                                                                                                                         | CIRCUIT | GAUGE | COLOR | TERMINAL  | CAV                                                                                  | CIRCUIT | GAUGE | COLOR | TERMINAL  | SEAL / SLEEVE |
| A                                                                                                                           | A58     | 16    | BN    | 1661208C1 | A                                                                                    | A57C    | 16    | OR    | 3535303C1 | 3535424C1     |
| B                                                                                                                           | A54D    | 18    | BN    | 1661208C1 | B                                                                                    | A57     | 16    | OR    | 3535303C1 | 3535424C1     |
| C                                                                                                                           | A58DA   | 18    | BN    | 1661208C1 | C                                                                                    | A57BB   | 16    | LTGN  | 3535303C1 | 3535424C1     |
| D                                                                                                                           | A58DB   | 18    | BN    | 1661208C1 | D                                                                                    | A57K    | 16    | OR    | 3535303C1 | 3535424C1     |
| E                                                                                                                           | A58T    | 18    | BN    | 1661208C1 | E                                                                                    | A56C    | 16    | OR    | 3535303C1 | 3535424C1     |
| F                                                                                                                           | A54B    | 16    | BN    | 1661208C1 | F                                                                                    | A56     | 16    | OR    | 3535303C1 | 3535424C1     |
| G                                                                                                                           | -       | -     | -     | -         | G                                                                                    | A56BB   | 16    | YL    | 3535303C1 | 3535424C1     |
|                                                                                                                             |         |       |       |           | H                                                                                    | A56K    | 16    | OR    | 3535303C1 | 3535424C1     |
|                                                                                                                             |         |       |       |           | J                                                                                    | A62     | 18    | DKBL  | 3535303C1 | 3535424C1     |
|                                                                                                                             |         |       |       |           | K                                                                                    | A62DA   | 18    | DKBL  | 3535303C1 | 3535424C1     |
|                                                                                                                             |         |       |       |           | L                                                                                    | A62DB   | 18    | DKBL  | 3535303C1 | 3535424C1     |
|                                                                                                                             |         |       |       |           | M                                                                                    | A62E    | 18    | DKBL  | 3535303C1 | 3535424C1     |

|      |         |                  |     |           |             |                            |
|------|---------|------------------|-----|-----------|-------------|----------------------------|
| CHK  | DATE    | CHANGE           | REV | REFERENCE | DRAWN       | NAME                       |
| CNA1 | 26JUL11 | INITIAL RELEASE. | A   | 80257V    | U00KDD2     | CIRCUIT DIAGRAM, TERRASTAR |
|      |         |                  |     |           | RELEASE NO. | DATE                       |
|      |         |                  |     |           | 80257V      | 05JUL11                    |
|      |         |                  |     |           | PART NO.    | SHEET                      |
|      |         |                  |     |           | AE08068784  | 022                        |

Figure 177 Connector Body Composites (1603 / 1604 / 1623 / 1625)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.25. CONNECTOR BODY COMPOSITES (1626 / 1657 / 1650 / 1660 / 1661), P. 23

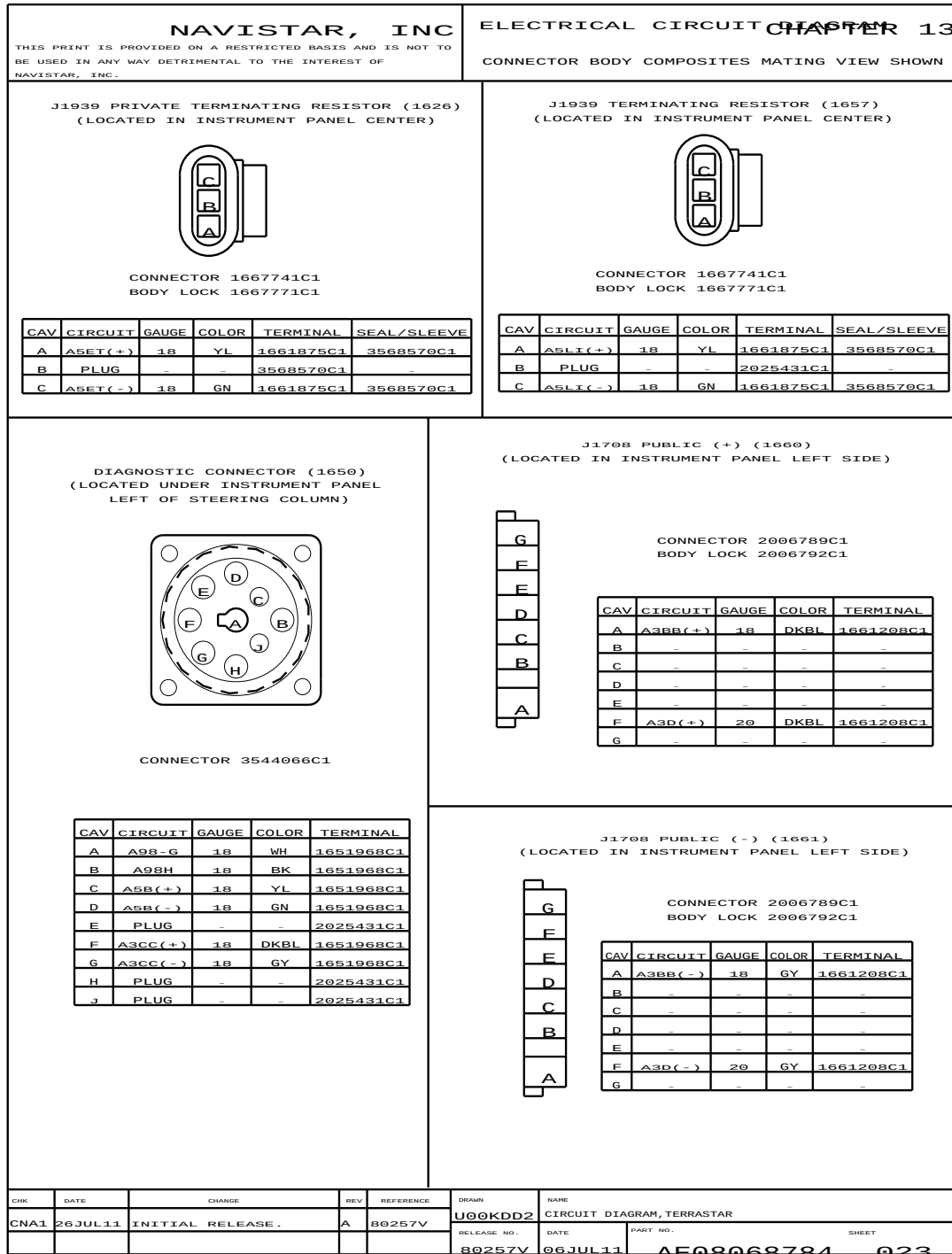


Figure 178 Connector Body Composites (1626 / 1657 / 1650 / 1660 / 1661)

## 13.26. CONNECTOR BODY COMPOSITES (1700), P. 24

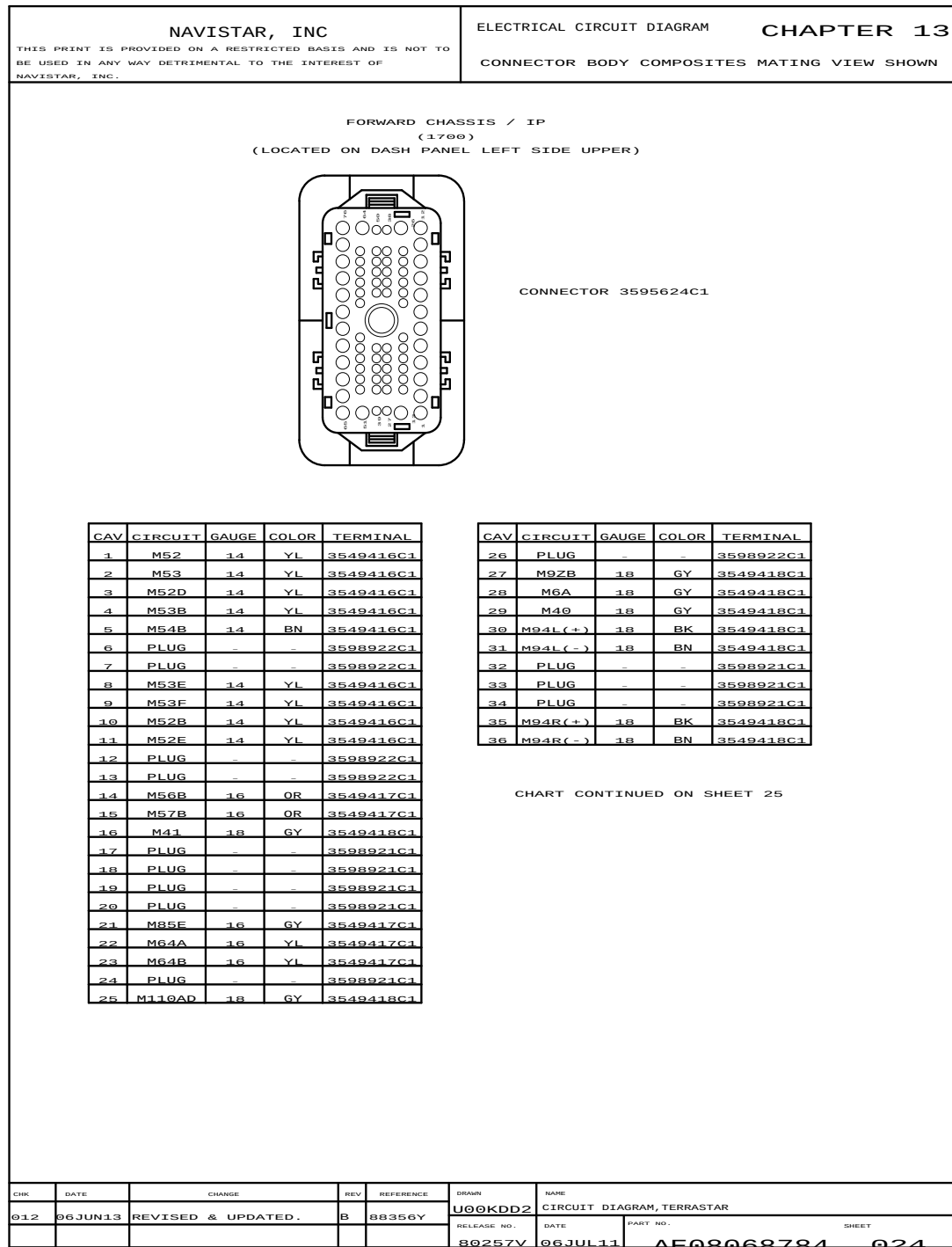


Figure 179 Connector Body Composites (1700)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.27. CONNECTOR BODY COMPOSITES (1700), P. 25

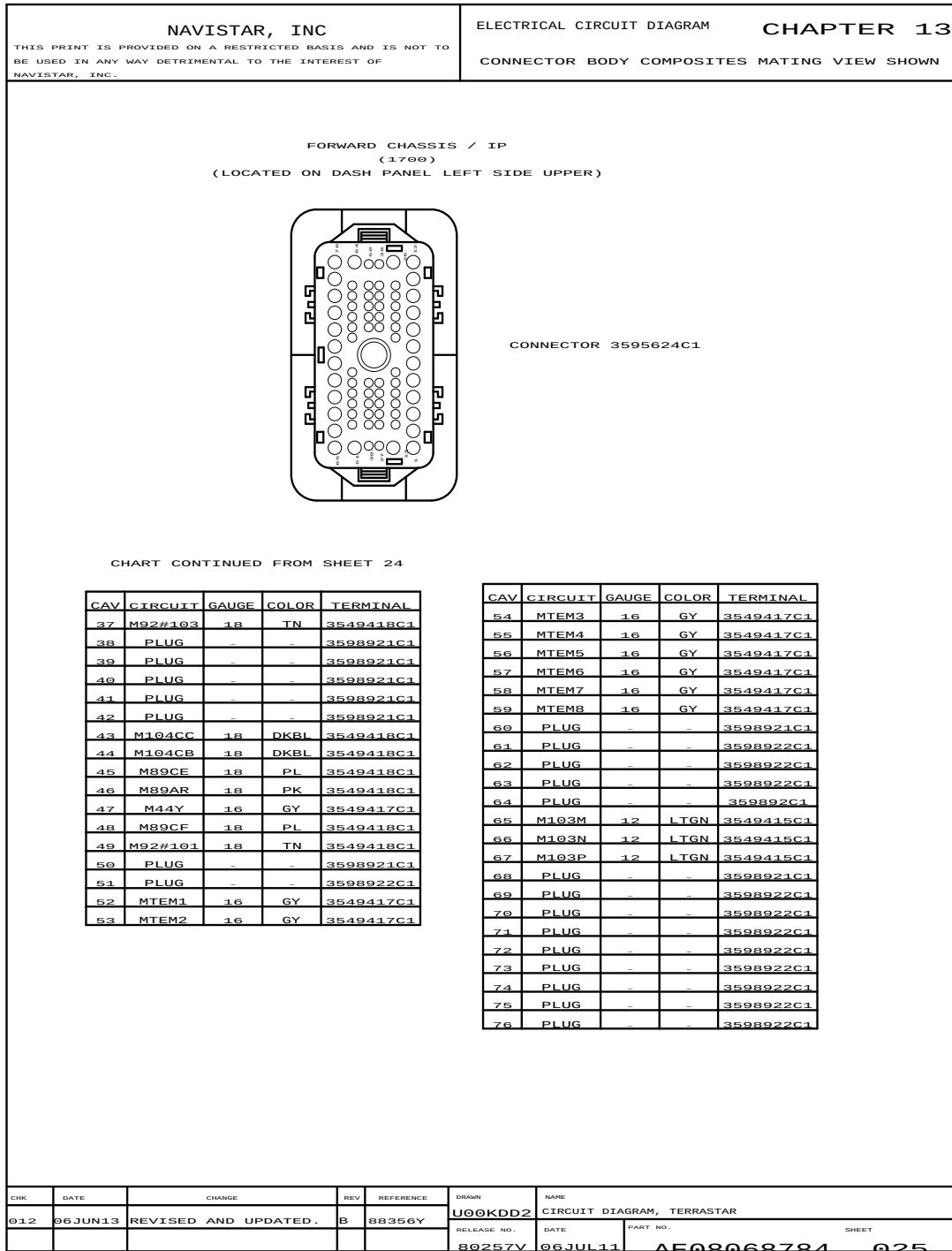


Figure 180 Connector Body Composites (1700)

## 13.28. CONNECTOR BODY COMPOSITES (1700), P. 26

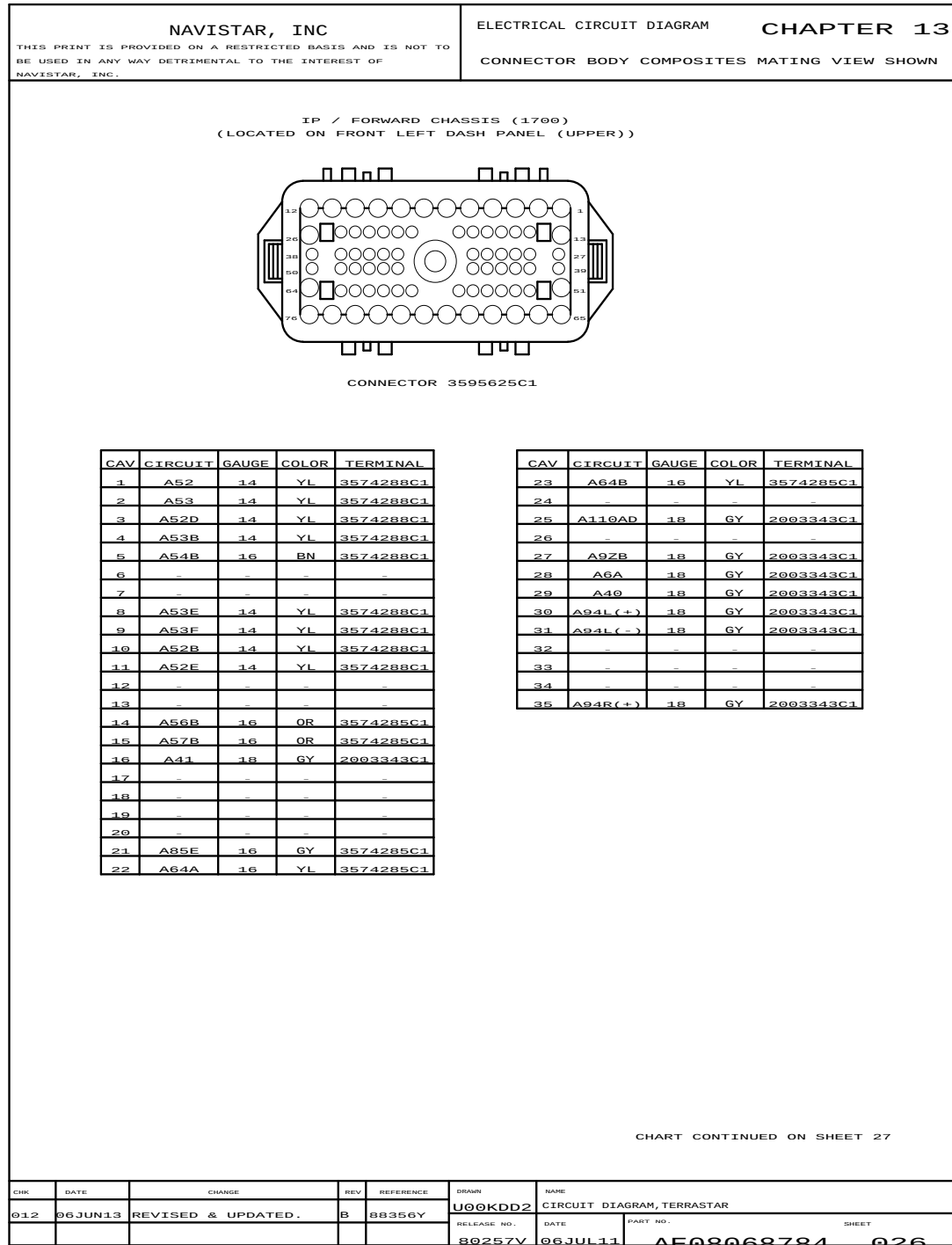


Figure 181 Connector Body Composites (1700)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.29. CONNECTOR BODY COMPOSITES (1700), P. 27

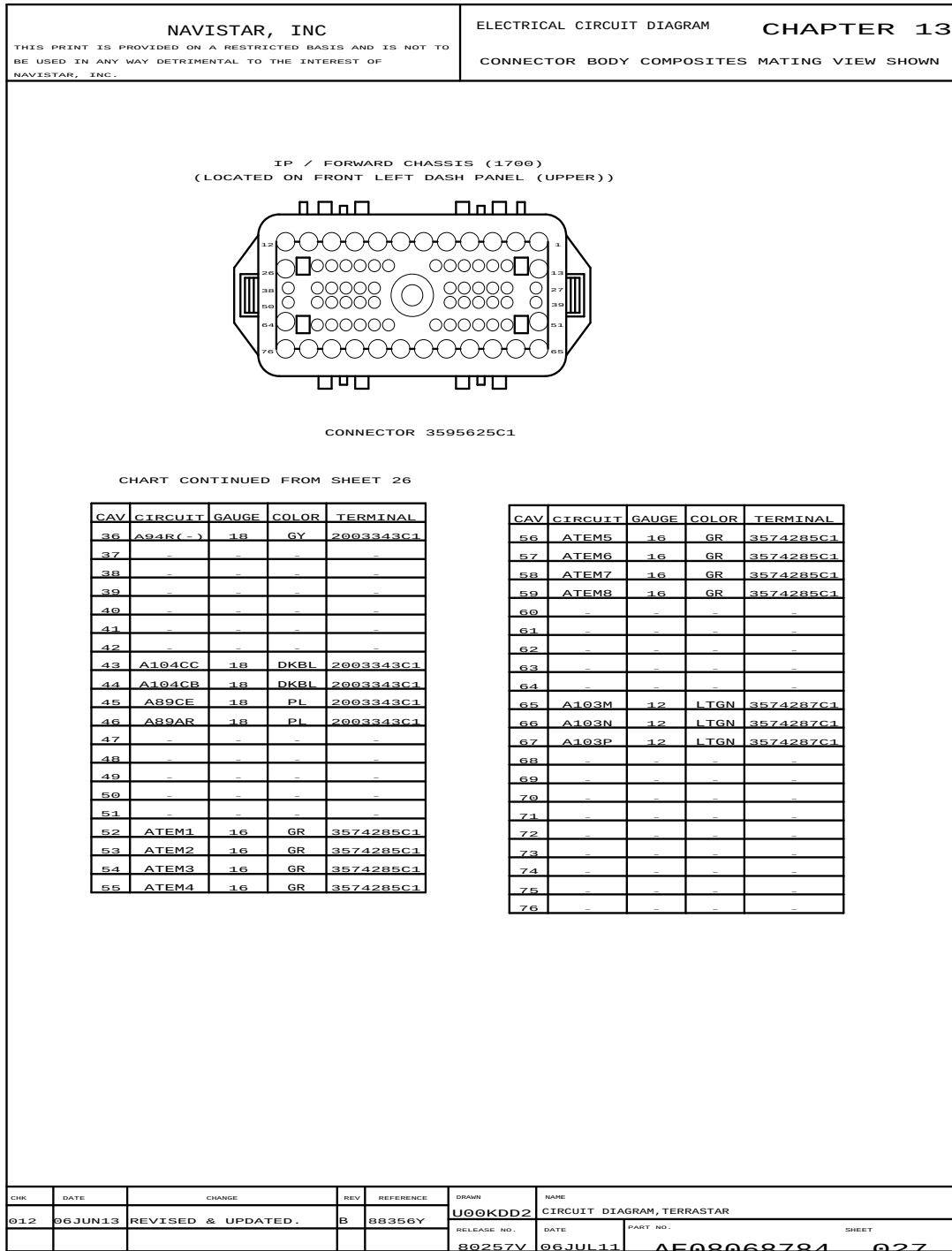


Figure 182 Connector Body Composites (1700)

## 13.30. CONNECTOR BODY COMPOSITES (1701), P. 28

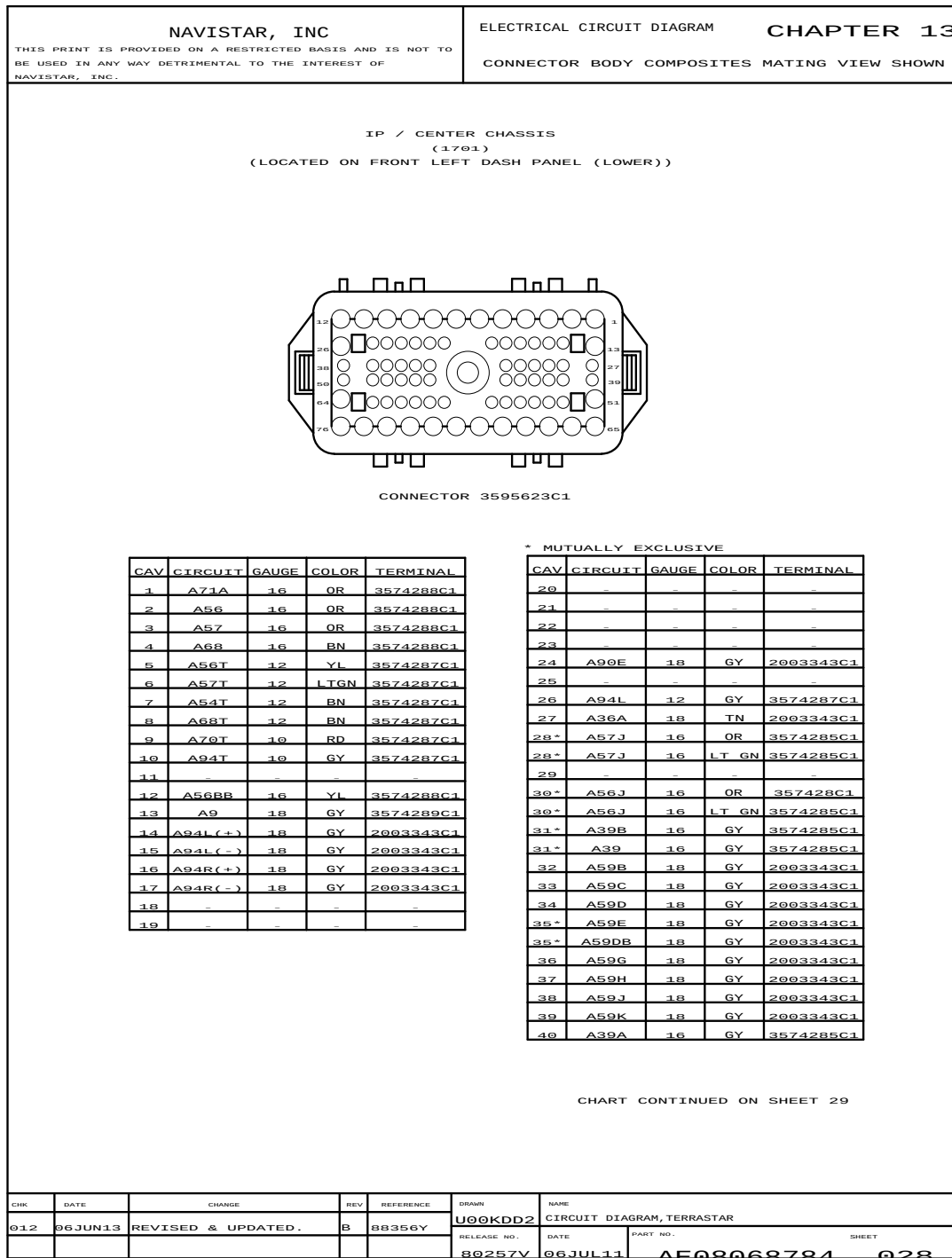


Figure 183 Connector Body Composites (1701)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.31. CONNECTOR BODY COMPOSITES (1701), P. 29

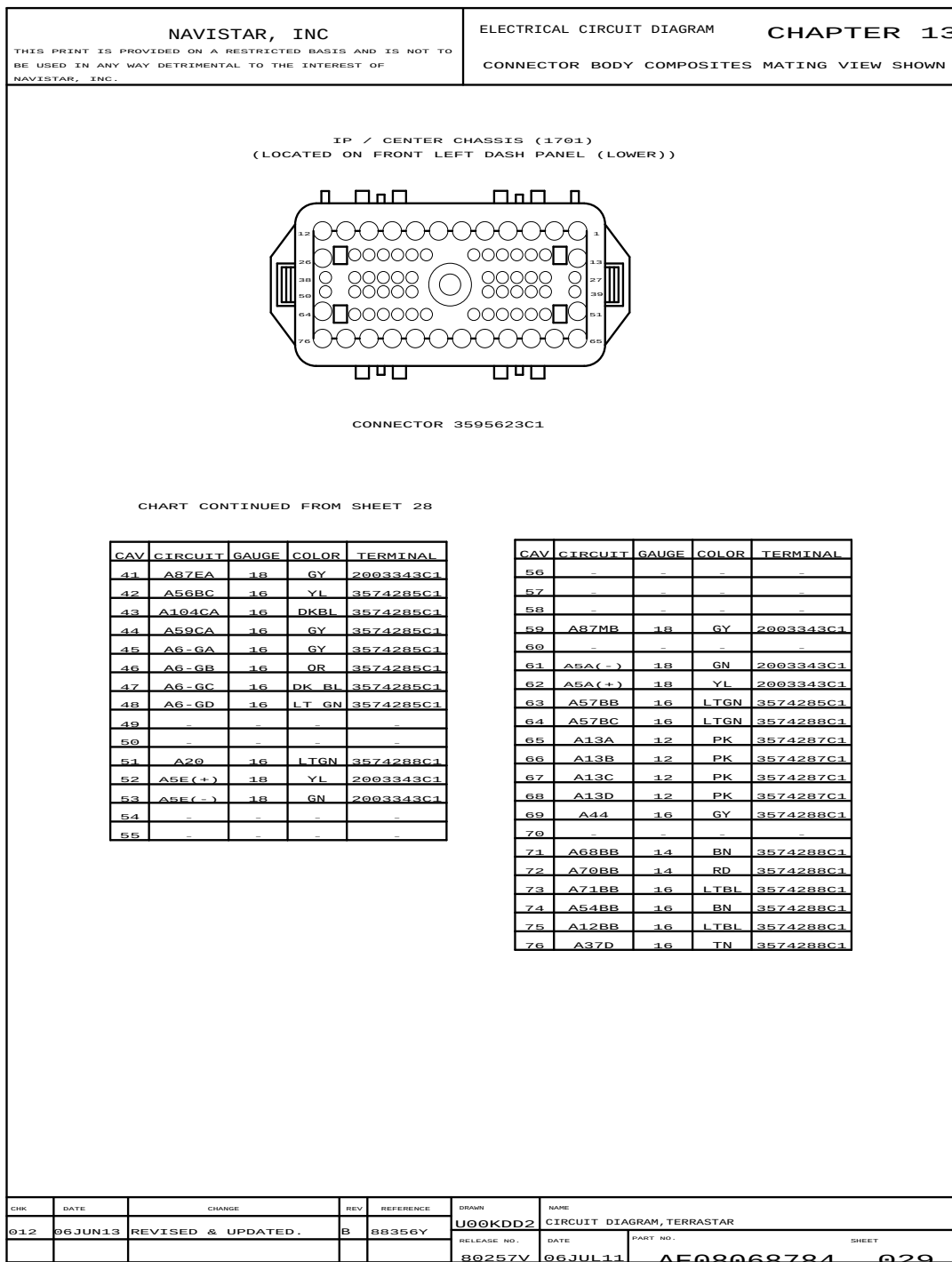


Figure 184 Connector Body Composites (1701)



## 13.32. CONNECTOR BODY COMPOSITES (1701F), P. 30

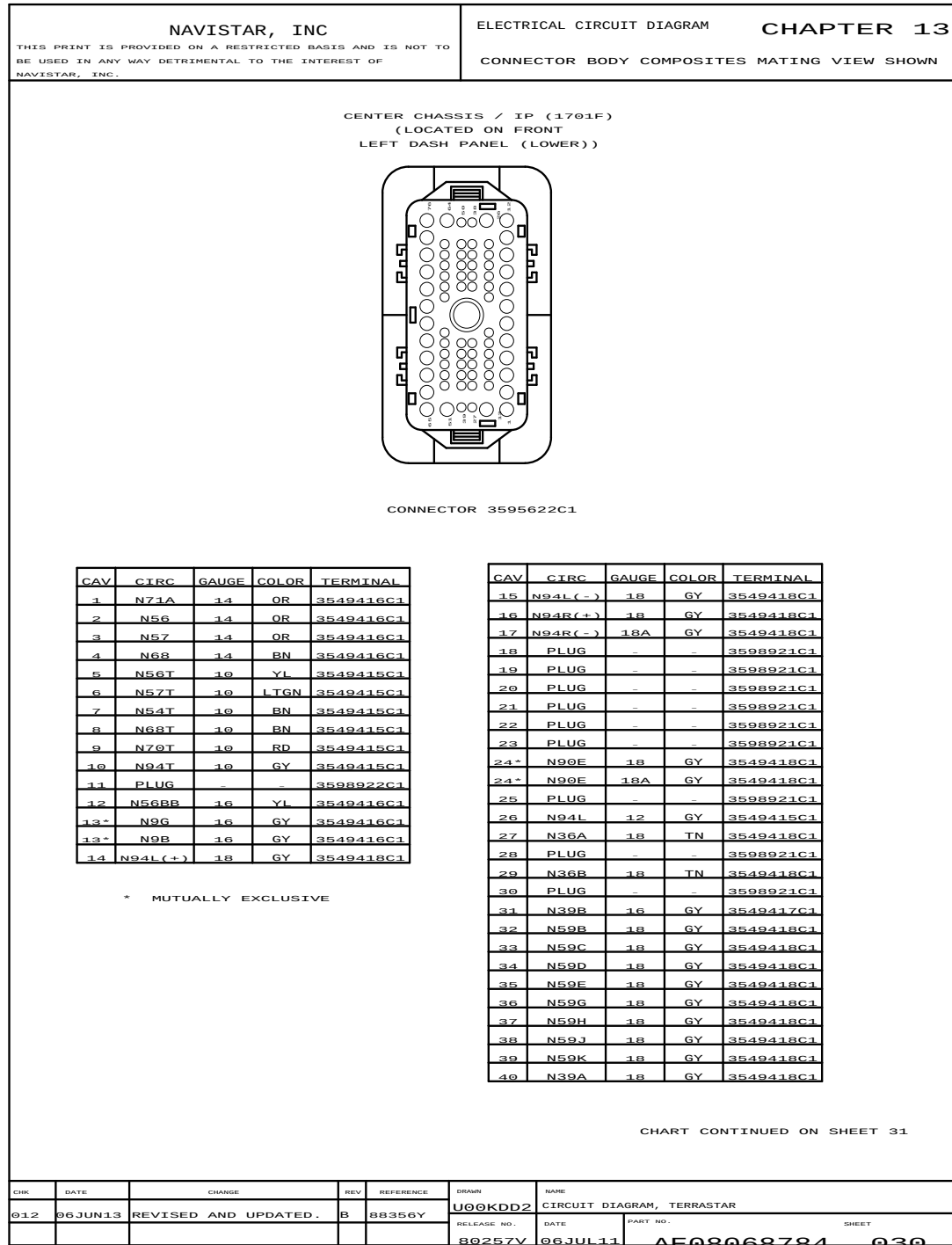


Figure 185 Connector Body Composites (1701F)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.33. CONNECTOR BODY COMPOSITES (1701F), P. 31

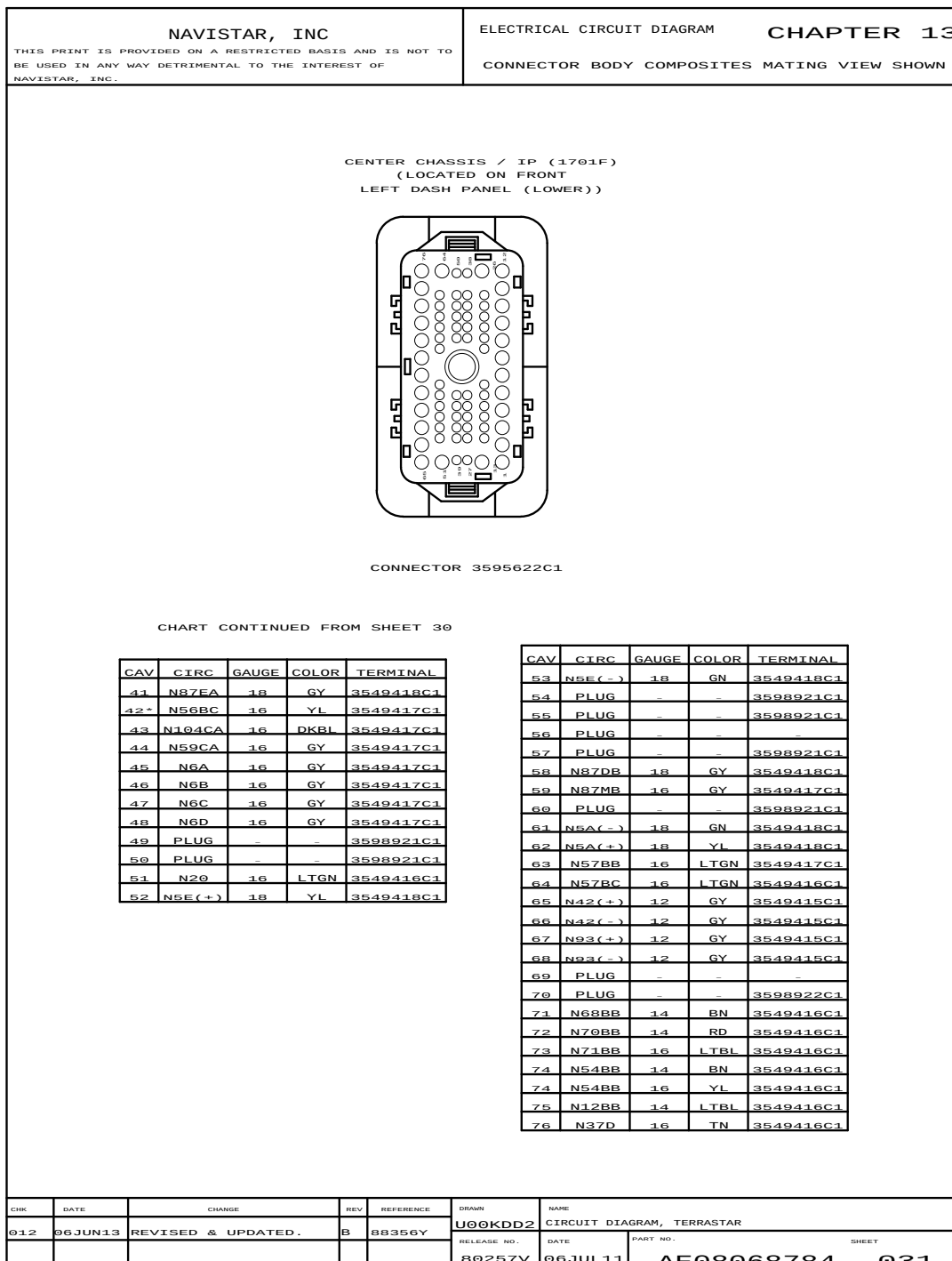


Figure 186 Connector Body Composites (1701F)

## 13.34. CONNECTOR BODY COMPOSITES (1702), P. 32

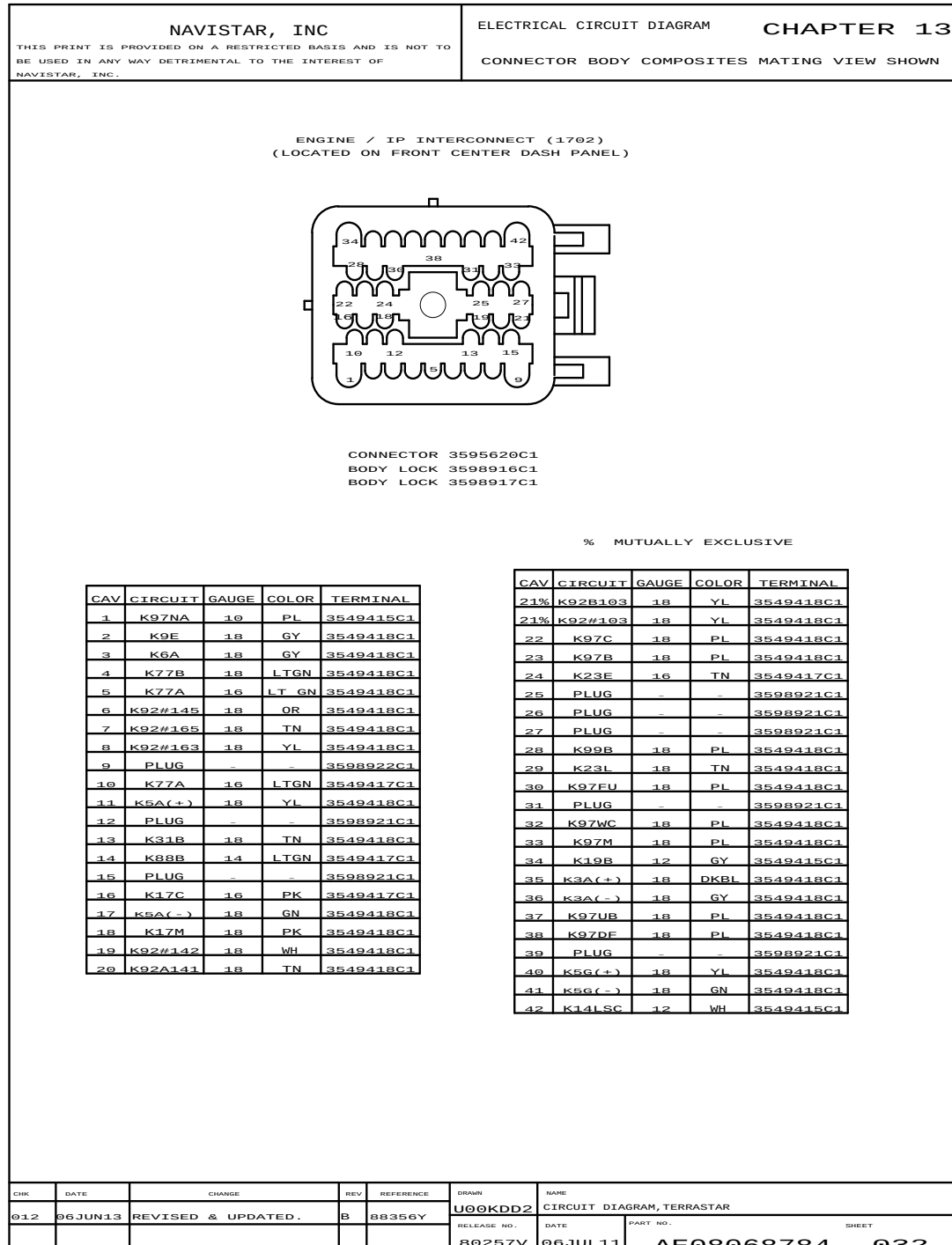


Figure 187 Connector Body Composites (1702)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.35. CONNECTOR BODY COMPOSITES (1702), P. 33

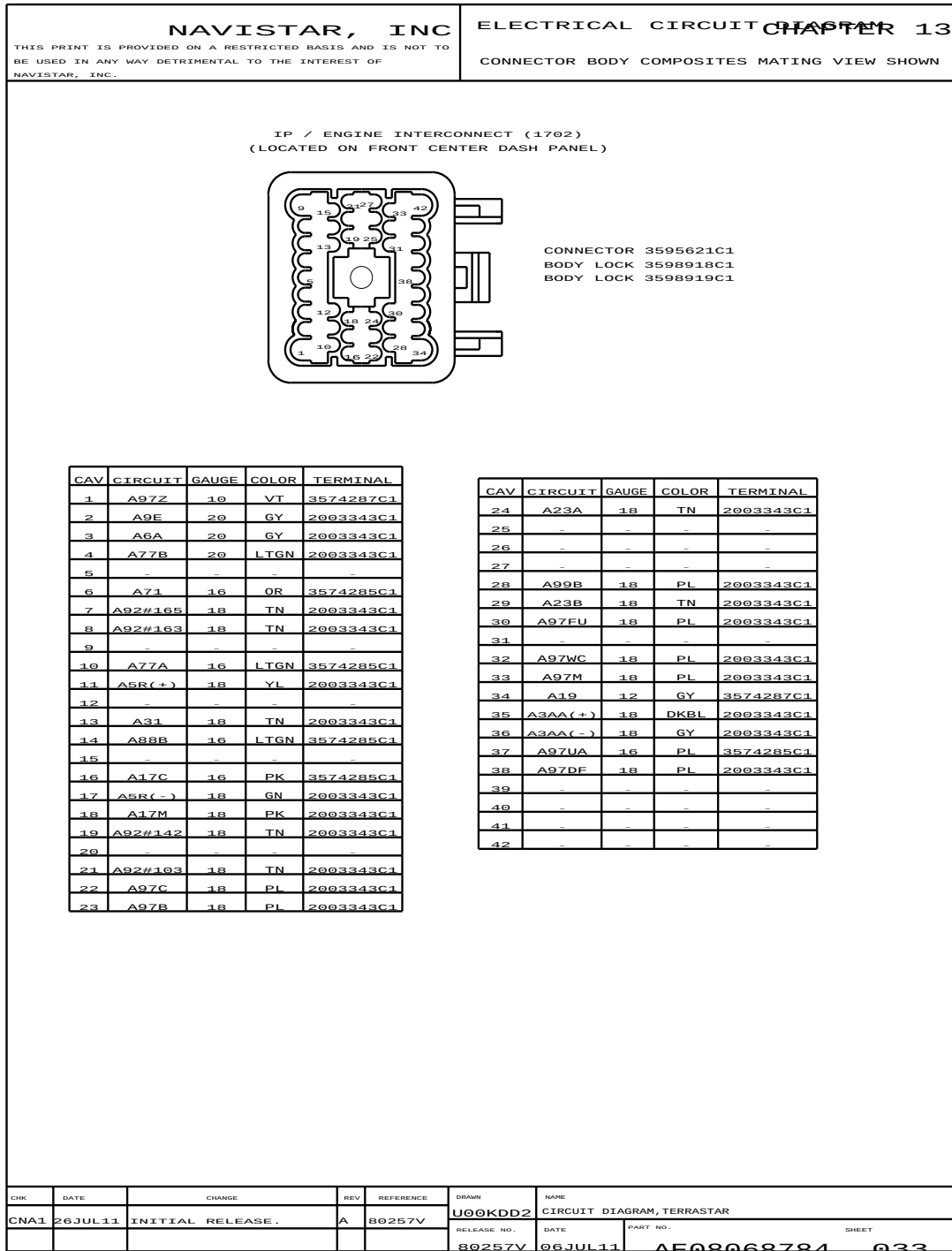


Figure 188 Connector Body Composites (1702)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.36. CONNECTOR BODY COMPOSITES (1800 / 1800F), P. 34

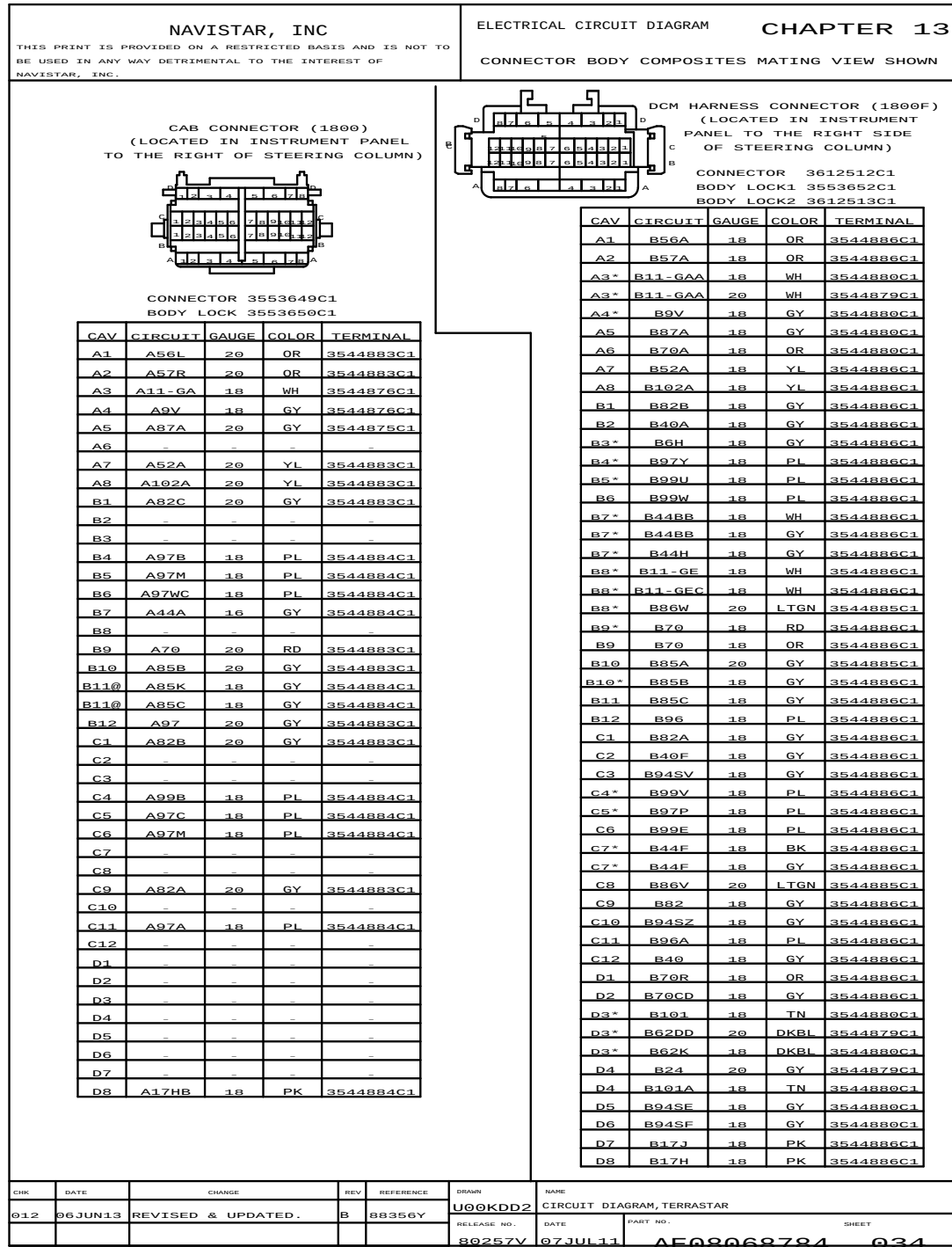


Figure 189 Connector Body Composites (1800 / 1800F)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.37. CONNECTOR BODY COMPOSITES (1800FA / 1804 / 1807 / 1809 / 1810), P. 35

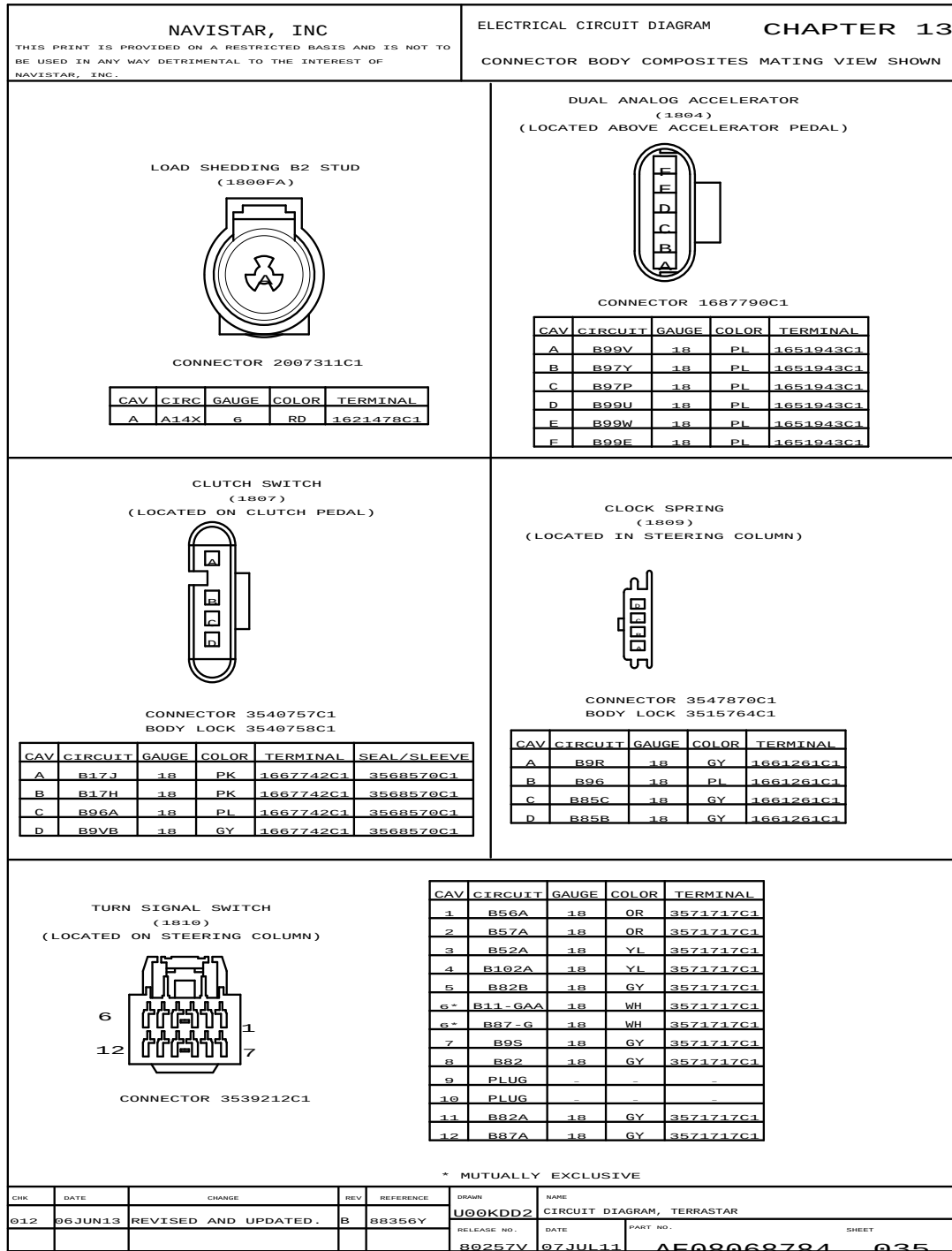
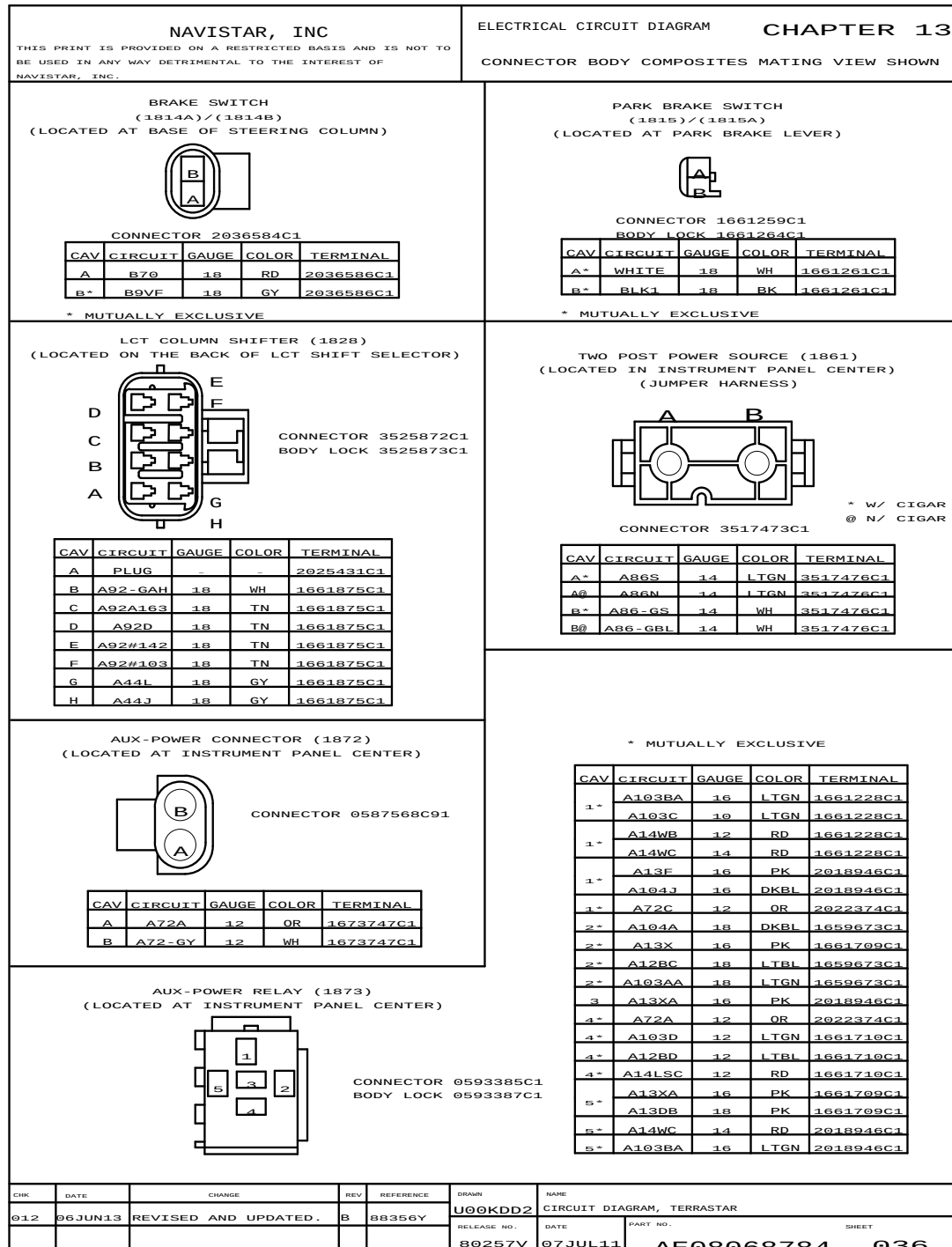


Figure 190 Connector Body Composites (1800FA / 1804 / 1807 / 1809 / 1810)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

**13.38. CONNECTOR BODY COMPOSITES (1814A / 1814B / 1815 / 1815A / 1828 / 1861 / 1872 / 1873), P. 36****Figure 191 Connector Body Composites (1814A / 1814B / 1815 / 1815A / 1828 / 1861 / 1872 / 1873)**

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.39. CONNECTOR BODY COMPOSITES (1873W / 1873X / 1873Y / 1873Z / 1900 / 1936M), P. 36A

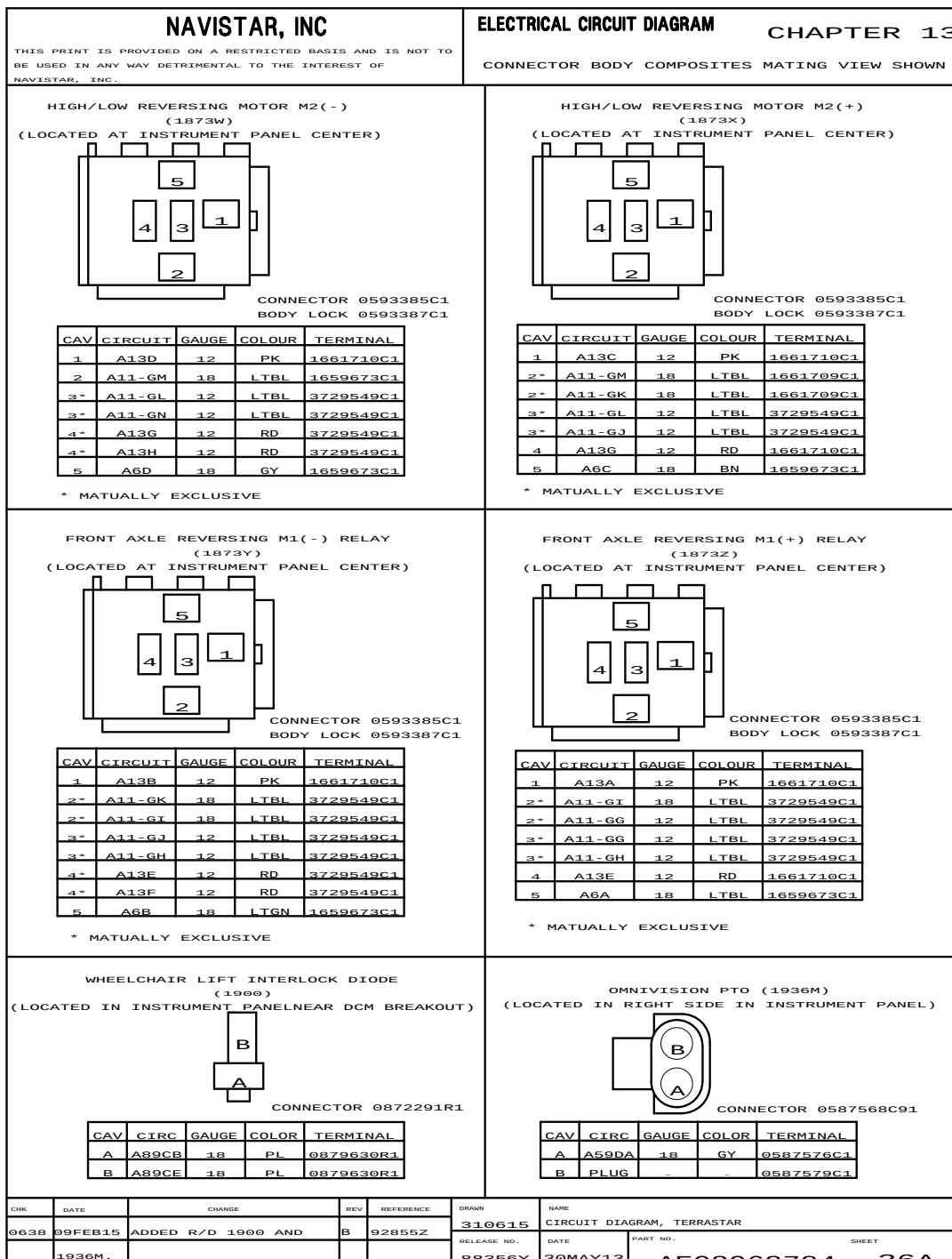


Figure 192 Connector Body Composites (1873W / 1873X / 1873Y / 1873Z / 1900 / 1936M)



## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.40. CONNECTOR BODY COMPOSITES (1901 / 1912 / 1918 / 1927 / 1929 / 1935), P. 37

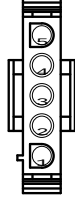
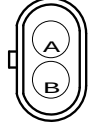
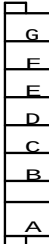
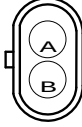
| NAVISTAR, INC                                                                                                               |          |                    |        |           | ELECTRICAL CIRCUIT DIAGRAM <b>CHAPTER 13</b> |                            |            |       |  |
|-----------------------------------------------------------------------------------------------------------------------------|----------|--------------------|--------|-----------|----------------------------------------------|----------------------------|------------|-------|--|
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC. |          |                    |        |           | CONNECTOR BODY COMPOSITES MATING VIEW SHOWN  |                            |            |       |  |
| AUX POWER (1901)<br>(LOCATED AT INSTRUMENT PANEL CENTER)                                                                    |          |                    |        |           |                                              |                            |            |       |  |
|                                            |          |                    |        |           |                                              |                            |            |       |  |
| CONNECTOR 1661196C1                                                                                                         |          |                    |        |           |                                              |                            |            |       |  |
| CAV                                                                                                                         | CIRCUIT  | GAUGE              | COLOUR | TERMINAL  |                                              |                            |            |       |  |
| A*                                                                                                                          | A86PA    | 14                 | LTGN   | 3566715C1 |                                              |                            |            |       |  |
| B*                                                                                                                          | A86GBB   | 14                 | WH     | 3566715C1 |                                              |                            |            |       |  |
| COMPASS MODULE (1912)<br>(LOCATED IN INSTRUMENT PANEL BY FUSE PANEL)                                                        |          |                    |        |           |                                              |                            |            |       |  |
|                                          |          |                    |        |           |                                              |                            |            |       |  |
| CONNECTOR 3609957C1                                                                                                         |          |                    |        |           |                                              |                            |            |       |  |
| CAV                                                                                                                         | CIRCUIT  | GAUGE              | COLOR  | TERMINAL  |                                              |                            |            |       |  |
| 1                                                                                                                           | A28V     | 16                 | TN     | 3614754C1 |                                              |                            |            |       |  |
| 2                                                                                                                           | A5CA(+)  | 18                 | YL     | 3614754C1 |                                              |                            |            |       |  |
| 3                                                                                                                           | A5CA(-)  | 18                 | GN     | 3614754C1 |                                              |                            |            |       |  |
| 4                                                                                                                           | A28-GAD  | 16                 | WH     | 3614754C1 |                                              |                            |            |       |  |
| 5                                                                                                                           | -        | -                  | -      | -         |                                              |                            |            |       |  |
| DRIVER SEAT POWER (1918)<br>(LOCATED BEHIND DRIVER SEAT ON FLOOR)                                                           |          |                    |        |           |                                              |                            |            |       |  |
|                                            |          |                    |        |           |                                              |                            |            |       |  |
| CONNECTOR 0587567C91                                                                                                        |          |                    |        |           |                                              |                            |            |       |  |
| * MUTUALLY EXCLUSIVE                                                                                                        |          |                    |        |           |                                              |                            |            |       |  |
| CAV                                                                                                                         | CIRCUIT  | GAUGE              | COLOR  | TERMINAL  | SEAL/SLEEVE                                  |                            |            |       |  |
| A*                                                                                                                          | A105-GB  | 16                 | WH     | 0587577C1 | 1652325C1                                    |                            |            |       |  |
| A*                                                                                                                          | A105-GCP | 18                 | WH     | 0587578C1 | 3517771C1                                    |                            |            |       |  |
| A*                                                                                                                          | HD       | 14                 | RD     | 0587577C1 | 0589391C1                                    |                            |            |       |  |
| A*                                                                                                                          | A14B     | 12                 | RD     | 1673748C1 | 0589391C1                                    |                            |            |       |  |
| B*                                                                                                                          | A105B    | 16                 | LTGN   | 0587577C1 | 1652325C1                                    |                            |            |       |  |
| B*                                                                                                                          | A105     | 18                 | LTGN   | 0587578C1 | 3517771C1                                    |                            |            |       |  |
| B*                                                                                                                          | SH       | 14                 | WH     | 0587577C1 | 0589391C1                                    |                            |            |       |  |
| B*                                                                                                                          | A11-GP   | 12                 | WH     | 1673748C1 | 0589391C1                                    |                            |            |       |  |
| J1708 PRIVATE (+) (1927)<br>(LOCATED IN INSTRUMENT PANEL LEFT OF KEY SWITCH)                                                |          |                    |        |           |                                              |                            |            |       |  |
|                                           |          |                    |        |           |                                              |                            |            |       |  |
| CONNECTOR 2006789C1                                                                                                         |          |                    |        |           |                                              |                            |            |       |  |
| BODY LOCK 2006792C1                                                                                                         |          |                    |        |           |                                              |                            |            |       |  |
| CAV                                                                                                                         | CIRCUIT  | GAUGE              | COLOR  | TERMINAL  |                                              |                            |            |       |  |
| A                                                                                                                           | A3B(+)   | 18                 | DKBL   | 1661208C1 |                                              |                            |            |       |  |
| B                                                                                                                           | A3D(+)   | 18                 | DKBL   | 1661208C1 |                                              |                            |            |       |  |
| C                                                                                                                           | A3E(+)   | 18                 | DKBL   | 1661208C1 |                                              |                            |            |       |  |
| D                                                                                                                           | A3F(+)   | 18                 | DKBL   | 1661208C1 |                                              |                            |            |       |  |
| E                                                                                                                           | A3C(+)   | 18                 | DKBL   | 1661208C1 |                                              |                            |            |       |  |
| F                                                                                                                           | -        | -                  | -      | -         |                                              |                            |            |       |  |
| G                                                                                                                           | -        | -                  | -      | -         |                                              |                            |            |       |  |
| HEATED SEAT PASSENGER (1935)<br>(LOCATED BEHIND PASSENGER SEAT ON FLOOR)                                                    |          |                    |        |           |                                              |                            |            |       |  |
|                                        |          |                    |        |           |                                              |                            |            |       |  |
| CONNECTOR 0587567C91                                                                                                        |          |                    |        |           |                                              |                            |            |       |  |
| * MUTUALLY EXCLUSIVE                                                                                                        |          |                    |        |           |                                              |                            |            |       |  |
| CAV                                                                                                                         | CIRCUIT  | GAUGE              | COLOR  | TERMINAL  | SEAL/SLEEVE                                  |                            |            |       |  |
| A*                                                                                                                          | A105-GA  | 16                 | WH     | 0587577C1 | 1652325C1                                    |                            |            |       |  |
| A*                                                                                                                          | A14C     | 12                 | RD     | 1673748C1 | 0589391C1                                    |                            |            |       |  |
| B*                                                                                                                          | A105A    | 16                 | LTGN   | 0587577C1 | 1652325C1                                    |                            |            |       |  |
| B*                                                                                                                          | A11-GR   | 12                 | WH     | 1673748C1 | 0589391C1                                    |                            |            |       |  |
| J1708 PRIVATE (-) (1929)<br>(LOCATED IN INSTRUMENT PANEL LEFT OF KEY SWITCH)                                                |          |                    |        |           |                                              |                            |            |       |  |
|                                          |          |                    |        |           |                                              |                            |            |       |  |
| CONNECTOR 2006789C1                                                                                                         |          |                    |        |           |                                              |                            |            |       |  |
| BODY LOCK 2006792C1                                                                                                         |          |                    |        |           |                                              |                            |            |       |  |
| CAV                                                                                                                         | CIRCUIT  | GAUGE              | COLOR  | TERMINAL  |                                              |                            |            |       |  |
| A                                                                                                                           | A3B(-)   | 18                 | GY     | 1661208C1 |                                              |                            |            |       |  |
| B                                                                                                                           | A3D(-)   | 18                 | GY     | 1661208C1 |                                              |                            |            |       |  |
| C                                                                                                                           | A3E(-)   | 18                 | GY     | 1661208C1 |                                              |                            |            |       |  |
| D                                                                                                                           | A3F(-)   | 18                 | GY     | 1661208C1 |                                              |                            |            |       |  |
| E                                                                                                                           | A3C(-)   | 18                 | GY     | 1661208C1 |                                              |                            |            |       |  |
| F                                                                                                                           | -        | -                  | -      | -         |                                              |                            |            |       |  |
| G                                                                                                                           | -        | -                  | -      | -         |                                              |                            |            |       |  |
| CHK                                                                                                                         | DATE     | CHANGE             | REV    | REFERENCE | DRAWN                                        | NAME                       |            |       |  |
| 012                                                                                                                         | 06JUN13  | REVISED & UPDATED. | B      | 88356Y    | U00KDD2                                      | CIRCUIT DIAGRAM, TERRASTAR |            |       |  |
|                                                                                                                             |          |                    |        |           | RELEASE NO.                                  | DATE                       | PART NO.   | SHEET |  |
|                                                                                                                             |          |                    |        |           | 80257V                                       | 07 JUL 11                  | AE08068784 | 037   |  |

Figure 193 Connector Body Composites (1901 / 1912 / 1918 / 1927 / 1929 / 1935)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.41. CONNECTOR BODY COMPOSITES (2000 / 2000F / 2002M / 2003M / 2004M / 2005M), P. 37A

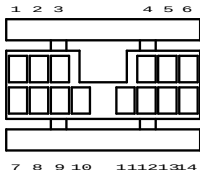
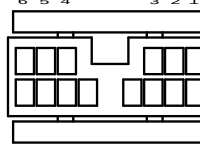
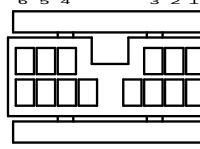
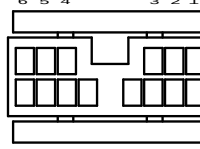
| NAVISTAR, INC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |                 |       | ELECTRICAL CIRCUIT DIAGRAM                  |         | CHAPTER 13                 |       |          |   |      |    |      |           |   |        |    |    |           |   |       |    |      |           |   |       |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |      |    |      |           |   |      |    |    |           |    |      |    |      |           |    |        |    |    |           |    |      |    |      |           |    |        |    |      |           |    |      |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |    |      |           |         |       |       |          |           |      |     |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |    |           |     |         |       |       |          |   |      |    |    |           |   |        |    |    |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------|-------|---------------------------------------------|---------|----------------------------|-------|----------|---|------|----|------|-----------|---|--------|----|----|-----------|---|-------|----|------|-----------|---|-------|----|------|-----------|---|------|----|------|-----------|---|-------|----|------|-----------|----|-------|----|------|-----------|----|------|----|------|-----------|---|------|----|----|-----------|----|------|----|------|-----------|----|--------|----|----|-----------|----|------|----|------|-----------|----|--------|----|------|-----------|----|------|----|------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----|------|-----------|---------|-------|-------|----------|-----------|------|-----|----|-----------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|-----------|-----|---------|-------|-------|----------|---|------|----|----|-----------|---|--------|----|----|-----------|
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                 |       | CONNECTOR BODY COMPOSITES MATING VIEW SHOWN |         |                            |       |          |   |      |    |      |           |   |        |    |    |           |   |       |    |      |           |   |       |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |      |    |      |           |   |      |    |    |           |    |      |    |      |           |    |        |    |    |           |    |      |    |      |           |    |        |    |      |           |    |      |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |    |      |           |         |       |       |          |           |      |     |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |    |           |     |         |       |       |          |   |      |    |    |           |   |        |    |    |           |
| <p style="text-align: center;">ROOF / IP CONNECTION (2000)<br/>(LOCATED IN INSTRUMENT PANEL LEFT SIDE)</p>  <p style="text-align: center;">CONNECTOR 3544690C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>A86C</td><td>20</td><td>LTGN</td><td>3544692C1</td></tr> <tr><td>2</td><td>A63-GA</td><td>16</td><td>WH</td><td>3544694C1</td></tr> <tr><td>3</td><td>A63DF</td><td>18</td><td>DKBL</td><td>3544692C1</td></tr> <tr><td>4</td><td>A86EA</td><td>20</td><td>LTGN</td><td>3544692C1</td></tr> <tr><td>4</td><td>A86L</td><td>21</td><td>LTGN</td><td>3544692C1</td></tr> <tr><td>5</td><td>A86DA</td><td>20</td><td>LTGN</td><td>3544692C1</td></tr> <tr><td>6*</td><td>A63DA</td><td>18</td><td>DKBL</td><td>3544692C1</td></tr> <tr><td>6*</td><td>A63A</td><td>18</td><td>DKBL</td><td>3544692C1</td></tr> <tr><td>7</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>9</td><td>A58T</td><td>18</td><td>BN</td><td>3544692C1</td></tr> <tr><td>10</td><td>A63</td><td>18</td><td>DKBL</td><td>3544692C1</td></tr> <tr><td>11</td><td>A11-GF</td><td>16</td><td>WH</td><td>3544694C1</td></tr> <tr><td>12</td><td>A86F</td><td>18</td><td>LTGN</td><td>3544692C1</td></tr> <tr><td>13</td><td>A86BA</td><td>20</td><td>LTGN</td><td>3544692C1</td></tr> <tr><td>13</td><td>A86H</td><td>20</td><td>LTGN</td><td>3544692C1</td></tr> <tr><td>14</td><td>A9L</td><td>18</td><td>GY</td><td>3544692C1</td></tr> </tbody> </table>    |         |                 |       | CAV                                         | CIRCUIT | GAUGE                      | COLOR | TERMINAL | 1 | A86C | 20 | LTGN | 3544692C1 | 2 | A63-GA | 16 | WH | 3544694C1 | 3 | A63DF | 18 | DKBL | 3544692C1 | 4 | A86EA | 20 | LTGN | 3544692C1 | 4 | A86L | 21 | LTGN | 3544692C1 | 5 | A86DA | 20 | LTGN | 3544692C1 | 6* | A63DA | 18 | DKBL | 3544692C1 | 6* | A63A | 18 | DKBL | 3544692C1 | 7 | -    | -  | -  | -         | 8  | -    | -  | -    | -         | 9  | A58T   | 18 | BN | 3544692C1 | 10 | A63  | 18 | DKBL | 3544692C1 | 11 | A11-GF | 16 | WH   | 3544694C1 | 12 | A86F | 18 | LTGN | 3544692C1 | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A86BA | 20 | LTGN | 3544692C1 | 13      | A86H  | 20    | LTGN     | 3544692C1 | 14   | A9L | 18 | GY        | 3544692C1 | <p style="text-align: center;">LEFT CLEARANCE LIGHT (2002M)<br/>(LOCATED IN ROOF)</p>  <p style="text-align: center;">CONNECTOR 1661259C1<br/>BODY LOCK 1661263C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A58Z</td><td>18</td><td>BN</td><td>1661261C1</td></tr> <tr><td>B</td><td>A58-GD</td><td>18</td><td>WH</td><td>1661261C1</td></tr> </tbody> </table> |    |    |           | CAV | CIRCUIT | GAUGE | COLOR | TERMINAL | A | A58Z | 18 | BN | 1661261C1 | B | A58-GD | 18 | WH | 1661261C1 |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CIRCUIT | GAUGE           | COLOR | TERMINAL                                    |         |                            |       |          |   |      |    |      |           |   |        |    |    |           |   |       |    |      |           |   |       |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |      |    |      |           |   |      |    |    |           |    |      |    |      |           |    |        |    |    |           |    |      |    |      |           |    |        |    |      |           |    |      |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |    |      |           |         |       |       |          |           |      |     |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |    |           |     |         |       |       |          |   |      |    |    |           |   |        |    |    |           |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A86C    | 20              | LTGN  | 3544692C1                                   |         |                            |       |          |   |      |    |      |           |   |        |    |    |           |   |       |    |      |           |   |       |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |      |    |      |           |   |      |    |    |           |    |      |    |      |           |    |        |    |    |           |    |      |    |      |           |    |        |    |      |           |    |      |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |    |      |           |         |       |       |          |           |      |     |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |    |           |     |         |       |       |          |   |      |    |    |           |   |        |    |    |           |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A63-GA  | 16              | WH    | 3544694C1                                   |         |                            |       |          |   |      |    |      |           |   |        |    |    |           |   |       |    |      |           |   |       |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |      |    |      |           |   |      |    |    |           |    |      |    |      |           |    |        |    |    |           |    |      |    |      |           |    |        |    |      |           |    |      |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |    |      |           |         |       |       |          |           |      |     |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |    |           |     |         |       |       |          |   |      |    |    |           |   |        |    |    |           |
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| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A86EA   | 20              | LTGN  | 3544692C1                                   |         |                            |       |          |   |      |    |      |           |   |        |    |    |           |   |       |    |      |           |   |       |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |      |    |      |           |   |      |    |    |           |    |      |    |      |           |    |        |    |    |           |    |      |    |      |           |    |        |    |      |           |    |      |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |    |      |           |         |       |       |          |           |      |     |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |    |           |     |         |       |       |          |   |      |    |    |           |   |        |    |    |           |
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| <p style="text-align: center;">ROOF / IP CONNECTION (2000F)<br/>(LOCATED IN INSTRUMENT PANEL LEFT SIDE)</p>  <p style="text-align: center;">CONNECTOR 3544689C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>A86C</td><td>18</td><td>LTGN</td><td>3544691C1</td></tr> <tr><td>2</td><td>A63-GA</td><td>18</td><td>WH</td><td>3544691C1</td></tr> <tr><td>3</td><td>A63A</td><td>18</td><td>DKBL</td><td>3544691C1</td></tr> <tr><td>4</td><td>A86E</td><td>18</td><td>LTGN</td><td>3544691C1</td></tr> <tr><td>5</td><td>A86D</td><td>18</td><td>LTGN</td><td>3544691C1</td></tr> <tr><td>6</td><td>A63E</td><td>18</td><td>DKBL</td><td>3544691C1</td></tr> <tr><td>7</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>9</td><td>A58L</td><td>18</td><td>BN</td><td>3544691C1</td></tr> <tr><td>10</td><td>A63D</td><td>18</td><td>DKBL</td><td>3544691C1</td></tr> <tr><td>11</td><td>A11-GF</td><td>16</td><td>WH</td><td>3544693C1</td></tr> <tr><td>12</td><td>A86F</td><td>16</td><td>LTGN</td><td>3544693C1</td></tr> <tr><td>13</td><td>A86B</td><td>18</td><td>LTGN</td><td>3544691C1</td></tr> <tr><td>14</td><td>A9L</td><td>18</td><td>GY</td><td>3544691C1</td></tr> </tbody> </table>                                                                                                                                                                                                                                         |         |                 |       | CAV                                         | CIRCUIT | GAUGE                      | COLOR | TERMINAL | 1 | A86C | 18 | LTGN | 3544691C1 | 2 | A63-GA | 18 | WH | 3544691C1 | 3 | A63A  | 18 | DKBL | 3544691C1 | 4 | A86E  | 18 | LTGN | 3544691C1 | 5 | A86D | 18 | LTGN | 3544691C1 | 6 | A63E  | 18 | DKBL | 3544691C1 | 7  | -     | -  | -    | -         | 8  | -    | -  | -    | -         | 9 | A58L | 18 | BN | 3544691C1 | 10 | A63D | 18 | DKBL | 3544691C1 | 11 | A11-GF | 16 | WH | 3544693C1 | 12 | A86F | 16 | LTGN | 3544693C1 | 13 | A86B   | 18 | LTGN | 3544691C1 | 14 | A9L  | 18 | GY   | 3544691C1 | <p style="text-align: center;">LEFT MARKER LIGHT (2003M)<br/>(LOCATED IN ROOF)</p>  <p style="text-align: center;">CONNECTOR 1661259C1<br/>BODY LOCK 1661263C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A58M</td><td>18</td><td>BN</td><td>1661261C1</td></tr> <tr><td>B</td><td>A58-GE</td><td>18</td><td>WH</td><td>1661261C1</td></tr> </tbody> </table>    |       |    |      | CAV       | CIRCUIT | GAUGE | COLOR | TERMINAL | A         | A58M | 18  | BN | 1661261C1 | B         | A58-GE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 18 | WH | 1661261C1 |     |         |       |       |          |   |      |    |    |           |   |        |    |    |           |
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| <p style="text-align: center;">ROOF / IP CONNECTION (2004M)<br/>(LOCATED IN INSTRUMENT PANEL LEFT SIDE)</p>  <p style="text-align: center;">CONNECTOR 3544692C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>A86C</td><td>20</td><td>LTGN</td><td>3544692C1</td></tr> <tr><td>2</td><td>A63-GA</td><td>16</td><td>WH</td><td>3544694C1</td></tr> <tr><td>3</td><td>A63DF</td><td>18</td><td>DKBL</td><td>3544692C1</td></tr> <tr><td>4</td><td>A86EA</td><td>20</td><td>LTGN</td><td>3544692C1</td></tr> <tr><td>4</td><td>A86L</td><td>21</td><td>LTGN</td><td>3544692C1</td></tr> <tr><td>5</td><td>A86DA</td><td>20</td><td>LTGN</td><td>3544692C1</td></tr> <tr><td>6*</td><td>A63DA</td><td>18</td><td>DKBL</td><td>3544692C1</td></tr> <tr><td>6*</td><td>A63A</td><td>18</td><td>DKBL</td><td>3544692C1</td></tr> <tr><td>7</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>9</td><td>A58T</td><td>18</td><td>BN</td><td>3544692C1</td></tr> <tr><td>10</td><td>A63</td><td>18</td><td>DKBL</td><td>3544692C1</td></tr> <tr><td>11</td><td>A11-GF</td><td>16</td><td>WH</td><td>3544694C1</td></tr> <tr><td>12</td><td>A86F</td><td>18</td><td>LTGN</td><td>3544692C1</td></tr> <tr><td>13</td><td>A86BA</td><td>20</td><td>LTGN</td><td>3544692C1</td></tr> <tr><td>13</td><td>A86H</td><td>20</td><td>LTGN</td><td>3544692C1</td></tr> <tr><td>14</td><td>A9L</td><td>18</td><td>GY</td><td>3544692C1</td></tr> </tbody> </table> |         |                 |       | CAV                                         | CIRCUIT | GAUGE                      | COLOR | TERMINAL | 1 | A86C | 20 | LTGN | 3544692C1 | 2 | A63-GA | 16 | WH | 3544694C1 | 3 | A63DF | 18 | DKBL | 3544692C1 | 4 | A86EA | 20 | LTGN | 3544692C1 | 4 | A86L | 21 | LTGN | 3544692C1 | 5 | A86DA | 20 | LTGN | 3544692C1 | 6* | A63DA | 18 | DKBL | 3544692C1 | 6* | A63A | 18 | DKBL | 3544692C1 | 7 | -    | -  | -  | -         | 8  | -    | -  | -    | -         | 9  | A58T   | 18 | BN | 3544692C1 | 10 | A63  | 18 | DKBL | 3544692C1 | 11 | A11-GF | 16 | WH   | 3544694C1 | 12 | A86F | 18 | LTGN | 3544692C1 | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A86BA | 20 | LTGN | 3544692C1 | 13      | A86H  | 20    | LTGN     | 3544692C1 | 14   | A9L | 18 | GY        | 3544692C1 | <p style="text-align: center;">MID MARKER LIGHT (2004M)<br/>(LOCATED IN ROOF)</p>  <p style="text-align: center;">CONNECTOR 1661259C1<br/>BODY LOCK 1661263C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A58N</td><td>18</td><td>BN</td><td>1661261C1</td></tr> <tr><td>B</td><td>A58-GF</td><td>18</td><td>WH</td><td>1661261C1</td></tr> </tbody> </table>   |    |    |           | CAV | CIRCUIT | GAUGE | COLOR | TERMINAL | A | A58N | 18 | BN | 1661261C1 | B | A58-GF | 18 | WH | 1661261C1 |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CIRCUIT | GAUGE           | COLOR | TERMINAL                                    |         |                            |       |          |   |      |    |      |           |   |        |    |    |           |   |       |    |      |           |   |       |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |      |    |      |           |   |      |    |    |           |    |      |    |      |           |    |        |    |    |           |    |      |    |      |           |    |        |    |      |           |    |      |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |    |      |           |         |       |       |          |           |      |     |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |    |           |     |         |       |       |          |   |      |    |    |           |   |        |    |    |           |
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| <p style="text-align: center;">ROOF / IP CONNECTION (2005M)<br/>(LOCATED IN INSTRUMENT PANEL LEFT SIDE)</p>  <p style="text-align: center;">CONNECTOR 3544691C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>A86C</td><td>18</td><td>LTGN</td><td>3544691C1</td></tr> <tr><td>2</td><td>A63-GA</td><td>18</td><td>WH</td><td>3544691C1</td></tr> <tr><td>3</td><td>A63A</td><td>18</td><td>DKBL</td><td>3544691C1</td></tr> <tr><td>4</td><td>A86E</td><td>18</td><td>LTGN</td><td>3544691C1</td></tr> <tr><td>5</td><td>A86D</td><td>18</td><td>LTGN</td><td>3544691C1</td></tr> <tr><td>6</td><td>A63E</td><td>18</td><td>DKBL</td><td>3544691C1</td></tr> <tr><td>7</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>9</td><td>A58L</td><td>18</td><td>BN</td><td>3544691C1</td></tr> <tr><td>10</td><td>A63D</td><td>18</td><td>DKBL</td><td>3544691C1</td></tr> <tr><td>11</td><td>A11-GF</td><td>16</td><td>WH</td><td>3544693C1</td></tr> <tr><td>12</td><td>A86F</td><td>16</td><td>LTGN</td><td>3544693C1</td></tr> <tr><td>13</td><td>A86B</td><td>18</td><td>LTGN</td><td>3544691C1</td></tr> <tr><td>14</td><td>A9L</td><td>18</td><td>GY</td><td>3544691C1</td></tr> </tbody> </table>                                                                                                                                                                                                                                         |         |                 |       | CAV                                         | CIRCUIT | GAUGE                      | COLOR | TERMINAL | 1 | A86C | 18 | LTGN | 3544691C1 | 2 | A63-GA | 18 | WH | 3544691C1 | 3 | A63A  | 18 | DKBL | 3544691C1 | 4 | A86E  | 18 | LTGN | 3544691C1 | 5 | A86D | 18 | LTGN | 3544691C1 | 6 | A63E  | 18 | DKBL | 3544691C1 | 7  | -     | -  | -    | -         | 8  | -    | -  | -    | -         | 9 | A58L | 18 | BN | 3544691C1 | 10 | A63D | 18 | DKBL | 3544691C1 | 11 | A11-GF | 16 | WH | 3544693C1 | 12 | A86F | 16 | LTGN | 3544693C1 | 13 | A86B   | 18 | LTGN | 3544691C1 | 14 | A9L  | 18 | GY   | 3544691C1 | <p style="text-align: center;">RIGHT MARKER LIGHT (2005M)<br/>(LOCATED IN ROOF)</p>  <p style="text-align: center;">CONNECTOR 1661259C1<br/>BODY LOCK 1661263C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A58P</td><td>18</td><td>BN</td><td>1661261C1</td></tr> <tr><td>B</td><td>A58-GH</td><td>18</td><td>WH</td><td>1661261C1</td></tr> </tbody> </table> |       |    |      | CAV       | CIRCUIT | GAUGE | COLOR | TERMINAL | A         | A58P | 18  | BN | 1661261C1 | B         | A58-GH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 18 | WH | 1661261C1 |     |         |       |       |          |   |      |    |    |           |   |        |    |    |           |
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| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A58L    | 18              | BN    | 3544691C1                                   |         |                            |       |          |   |      |    |      |           |   |        |    |    |           |   |       |    |      |           |   |       |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |      |    |      |           |   |      |    |    |           |    |      |    |      |           |    |        |    |    |           |    |      |    |      |           |    |        |    |      |           |    |      |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |    |      |           |         |       |       |          |           |      |     |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |    |           |     |         |       |       |          |   |      |    |    |           |   |        |    |    |           |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A63D    | 18              | DKBL  | 3544691C1                                   |         |                            |       |          |   |      |    |      |           |   |        |    |    |           |   |       |    |      |           |   |       |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |      |    |      |           |   |      |    |    |           |    |      |    |      |           |    |        |    |    |           |    |      |    |      |           |    |        |    |      |           |    |      |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |    |      |           |         |       |       |          |           |      |     |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |    |           |     |         |       |       |          |   |      |    |    |           |   |        |    |    |           |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A11-GF  | 16              | WH    | 3544693C1                                   |         |                            |       |          |   |      |    |      |           |   |        |    |    |           |   |       |    |      |           |   |       |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |      |    |      |           |   |      |    |    |           |    |      |    |      |           |    |        |    |    |           |    |      |    |      |           |    |        |    |      |           |    |      |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |    |      |           |         |       |       |          |           |      |     |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |    |           |     |         |       |       |          |   |      |    |    |           |   |        |    |    |           |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A86F    | 16              | LTGN  | 3544693C1                                   |         |                            |       |          |   |      |    |      |           |   |        |    |    |           |   |       |    |      |           |   |       |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |      |    |      |           |   |      |    |    |           |    |      |    |      |           |    |        |    |    |           |    |      |    |      |           |    |        |    |      |           |    |      |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |    |      |           |         |       |       |          |           |      |     |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |    |           |     |         |       |       |          |   |      |    |    |           |   |        |    |    |           |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A86B    | 18              | LTGN  | 3544691C1                                   |         |                            |       |          |   |      |    |      |           |   |        |    |    |           |   |       |    |      |           |   |       |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |      |    |      |           |   |      |    |    |           |    |      |    |      |           |    |        |    |    |           |    |      |    |      |           |    |        |    |      |           |    |      |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |    |      |           |         |       |       |          |           |      |     |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |    |           |     |         |       |       |          |   |      |    |    |           |   |        |    |    |           |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A9L     | 18              | GY    | 3544691C1                                   |         |                            |       |          |   |      |    |      |           |   |        |    |    |           |   |       |    |      |           |   |       |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |      |    |      |           |   |      |    |    |           |    |      |    |      |           |    |        |    |    |           |    |      |    |      |           |    |        |    |      |           |    |      |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |    |      |           |         |       |       |          |           |      |     |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |    |           |     |         |       |       |          |   |      |    |    |           |   |        |    |    |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CIRCUIT | GAUGE           | COLOR | TERMINAL                                    |         |                            |       |          |   |      |    |      |           |   |        |    |    |           |   |       |    |      |           |   |       |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |      |    |      |           |   |      |    |    |           |    |      |    |      |           |    |        |    |    |           |    |      |    |      |           |    |        |    |      |           |    |      |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |    |      |           |         |       |       |          |           |      |     |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |    |           |     |         |       |       |          |   |      |    |    |           |   |        |    |    |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A58P    | 18              | BN    | 1661261C1                                   |         |                            |       |          |   |      |    |      |           |   |        |    |    |           |   |       |    |      |           |   |       |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |      |    |      |           |   |      |    |    |           |    |      |    |      |           |    |        |    |    |           |    |      |    |      |           |    |        |    |      |           |    |      |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |    |      |           |         |       |       |          |           |      |     |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |    |           |     |         |       |       |          |   |      |    |    |           |   |        |    |    |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A58-GH  | 18              | WH    | 1661261C1                                   |         |                            |       |          |   |      |    |      |           |   |        |    |    |           |   |       |    |      |           |   |       |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |      |    |      |           |   |      |    |    |           |    |      |    |      |           |    |        |    |    |           |    |      |    |      |           |    |        |    |      |           |    |      |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |    |      |           |         |       |       |          |           |      |     |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |    |           |     |         |       |       |          |   |      |    |    |           |   |        |    |    |           |
| CHK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | DATE    | CHANGE          | REV   | REFERENCE                                   | DRAWN   | NAME                       |       |          |   |      |    |      |           |   |        |    |    |           |   |       |    |      |           |   |       |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |      |    |      |           |   |      |    |    |           |    |      |    |      |           |    |        |    |    |           |    |      |    |      |           |    |        |    |      |           |    |      |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |    |      |           |         |       |       |          |           |      |     |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |    |           |     |         |       |       |          |   |      |    |    |           |   |        |    |    |           |
| 063B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 09FEB15 | DESCRIPTION AND | B     | 92855Z                                      | MJV0370 | CIRCUIT DIAGRAM, TERRASTAR |       |          |   |      |    |      |           |   |        |    |    |           |   |       |    |      |           |   |       |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |      |    |      |           |   |      |    |    |           |    |      |    |      |           |    |        |    |    |           |    |      |    |      |           |    |        |    |      |           |    |      |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |    |      |           |         |       |       |          |           |      |     |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |    |           |     |         |       |       |          |   |      |    |    |           |   |        |    |    |           |
| LOCATION UPDATED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                 |       | 92715R                                      | 18AUG14 | PART NO.                   | SHEET |          |   |      |    |      |           |   |        |    |    |           |   |       |    |      |           |   |       |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |      |    |      |           |   |      |    |    |           |    |      |    |      |           |    |        |    |    |           |    |      |    |      |           |    |        |    |      |           |    |      |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |    |      |           |         |       |       |          |           |      |     |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |    |           |     |         |       |       |          |   |      |    |    |           |   |        |    |    |           |
| AE08068784                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         |                 |       |                                             |         | 37A                        |       |          |   |      |    |      |           |   |        |    |    |           |   |       |    |      |           |   |       |    |      |           |   |      |    |      |           |   |       |    |      |           |    |       |    |      |           |    |      |    |      |           |   |      |    |    |           |    |      |    |      |           |    |        |    |    |           |    |      |    |      |           |    |        |    |      |           |    |      |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |    |      |           |         |       |       |          |           |      |     |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |    |           |     |         |       |       |          |   |      |    |    |           |   |        |    |    |           |

Figure 194 Connector Body Composites (2000 / 2000F / 2002M / 2003M / 2004M / 2005M)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.42. CONNECTOR BODY COMPOSITES (2006M / 2115M / 2116F / 2117F / 2021 / 2301M), P. 37B

| NAVISTAR, INC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                      |       |            | ELECTRICAL CIRCUIT DIAGRAM                                                            |                            |       |       |          | CHAPTER 13 |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------|-------|------------|---------------------------------------------------------------------------------------|----------------------------|-------|-------|----------|------------|------|----|------|-----------|----|--------|----|------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----|----|-----------|----|---------|----|----|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|-------|----------|---|------|----|-------|-----------|-----|--------|-------|-------|-----------|---|--------|----|-------|-----------|---|------|----|-------|-----------|
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.                                                                                                                                                                                                                                                                                                                                                                                                                   |         |                      |       |            | CONNECTOR BODY COMPOSITES MATING VIEW SHOWN                                           |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| IP / AUX ROOF (2006M)<br>(LOCATED IN INSTRUMENT<br>PANEL RIGHT SIDE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |                      |       |            | IP / AUX ROOF (2115M)<br>(LOCATED IN INSTRUMENT<br>PANEL RIGHT SIDE)                  |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |                      |       |            |    |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| CONNECTOR 1661259C1<br>BODY LOCK 1661263C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |                      |       |            | CONNECTOR 1661889C1<br>BODY LOCK 1661890C1                                            |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A58R</td> <td>18</td> <td>BN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A58-GJ</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table>                                                                                                                                                                        |         |                      |       |            | CAV                                                                                   | CIRCUIT                    | GAUGE | COLOR | TERMINAL | A          | A58R | 18 | BN   | 1661261C1 | B  | A58-GJ | 18 | WH   | 1661261C1 | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A63K</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> <tr> <td>A</td> <td>A63M</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A63-GH</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> <tr> <td>C</td> <td>A63L</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> </tbody> </table> |        |    |    |           |    |         |    |    |           | CAV                                                                                                                                                                                                                                                                                                                                                                     | CIRCUIT | GAUGE | COLOR | TERMINAL | A | A63K | 18 | DKBL  | 1661261C1 | A   | A63M   | 18    | DKBL  | 1661261C1 | B | A63-GH | 18 | WH    | 1661261C1 | C | A63L | 18 | DKBL  | 1661261C1 |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CIRCUIT | GAUGE                | COLOR | TERMINAL   |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A58R    | 18                   | BN    | 1661261C1  |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A58-GJ  | 18                   | WH    | 1661261C1  |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CIRCUIT | GAUGE                | COLOR | TERMINAL   |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A63K    | 18                   | DKBL  | 1661261C1  |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A63M    | 18                   | DKBL  | 1661261C1  |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A63-GH  | 18                   | WH    | 1661261C1  |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A63L    | 18                   | DKBL  | 1661261C1  |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| IP / AUX ROOF (2116F)<br>(LOCATED IN INSTRUMENT<br>PANEL RIGHT SIDE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |                      |       |            | IP / AUX ROOF (2117F)<br>(LOCATED IN INSTRUMENT<br>PANEL RIGHT SIDE)                  |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |                      |       |            |    |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| CONNECTOR 1661259C1<br>BODY LOCK 1661263C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |                      |       |            | CONNECTOR 1661259C1<br>BODY LOCK 1661263C1                                            |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A63P</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A63-GJ</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> </tbody> </table>                                                                                                                                                                    |         |                      |       |            | CAV                                                                                   | CIRCUIT                    | GAUGE | COLOR | TERMINAL | A          | A63P | 18 | DKBL | 1661261C1 | B  | A63-GJ | 18 | DKBL | 1661261C1 | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A63R</td> <td>18</td> <td>DK BL</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A63-GK</td> <td>18</td> <td>DK BL</td> <td>1661261C1</td> </tr> </tbody> </table>                                                                                                                                                               |        |    |    |           |    |         |    |    |           | CAV                                                                                                                                                                                                                                                                                                                                                                     | CIRCUIT | GAUGE | COLOR | TERMINAL | A | A63R | 18 | DK BL | 1661261C1 | B   | A63-GK | 18    | DK BL | 1661261C1 |   |        |    |       |           |   |      |    |       |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CIRCUIT | GAUGE                | COLOR | TERMINAL   |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A63P    | 18                   | DKBL  | 1661261C1  |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A63-GJ  | 18                   | DKBL  | 1661261C1  |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CIRCUIT | GAUGE                | COLOR | TERMINAL   |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A63R    | 18                   | DK BL | 1661261C1  |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A63-GK  | 18                   | DK BL | 1661261C1  |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| IP / AUX ROOF (2021)<br>(LOCATED IN INSTRUMENT<br>PANEL RIGHT SIDE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                      |       |            | RIGHT REAR SPEAKER (2301M)<br>(LOCATED IN REAR PANEL)                                 |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         |                      |       |            |  |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| CONNECTOR 3554817C1<br>BODY LOCK 3554820C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |                      |       |            | CONNECTOR 3535769C1<br>BODY LOCK 1661263C1                                            |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>*A</td> <td>A12U</td> <td>16</td> <td>LTBL</td> <td>3534165C1</td> </tr> <tr> <td>@A</td> <td>A58C</td> <td>18</td> <td>BN</td> <td>3534164C1</td> </tr> <tr> <td>*B</td> <td>A12-GB</td> <td>16</td> <td>WH</td> <td>3534165C1</td> </tr> <tr> <td>@B</td> <td>A58-GBM</td> <td>18</td> <td>WH</td> <td>3534164C1</td> </tr> </tbody> </table> |         |                      |       |            | CAV                                                                                   | CIRCUIT                    | GAUGE | COLOR | TERMINAL | *A         | A12U | 16 | LTBL | 3534165C1 | @A | A58C   | 18 | BN   | 3534164C1 | *B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A12-GB | 16 | WH | 3534165C1 | @B | A58-GBM | 18 | WH | 3534164C1 | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D86D</td> <td>18</td> <td>LT GN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>D86E</td> <td>18</td> <td>LT GN</td> <td>1661261C1</td> </tr> </tbody> </table> |         |       |       |          |   |      |    |       |           | CAV | CIRC   | GAUGE | COLOR | TERMINAL  | A | D86D   | 18 | LT GN | 1661261C1 | B | D86E | 18 | LT GN | 1661261C1 |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CIRCUIT | GAUGE                | COLOR | TERMINAL   |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| *A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A12U    | 16                   | LTBL  | 3534165C1  |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| @A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A58C    | 18                   | BN    | 3534164C1  |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| *B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A12-GB  | 16                   | WH    | 3534165C1  |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| @B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A58-GBM | 18                   | WH    | 3534164C1  |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CIRC    | GAUGE                | COLOR | TERMINAL   |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | D86D    | 18                   | LT GN | 1661261C1  |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | D86E    | 18                   | LT GN | 1661261C1  |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| * - W/ ROOF AUXILLARY LOAD<br>@ - W/ AIR SHILD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |                      |       |            |                                                                                       |                            |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| CHK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | DATE    | CHANGE               | REV   | REFERENCE  | DRAWN                                                                                 | NAME                       |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| 063B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 09FEB15 | REVISED AND REDRAWN. | B     | 92855Z     | MJV0370                                                                               | CIRCUIT DIAGRAM, TERRASTAR |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| RELEASE NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         | DATE                 |       | PART NO.   |                                                                                       | SHEET                      |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |
| 92715R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         | 18AUG14              |       | AE08068784 |                                                                                       | 37B                        |       |       |          |            |      |    |      |           |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |    |    |           |    |         |    |    |           |                                                                                                                                                                                                                                                                                                                                                                         |         |       |       |          |   |      |    |       |           |     |        |       |       |           |   |        |    |       |           |   |      |    |       |           |

Figure 195 Connector Body Composites (2006M / 2115M / 2116F / 2117F / 2021 / 2301M)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.43. CONNECTOR BODY COMPOSITES (2302M / 2304M / 2305M / 2502M), P. 37C

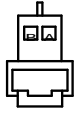
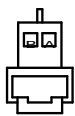
| NAVISTAR, INC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |                  |       |           | ELECTRICAL CIRCUIT DIAGRAM |                            |            |  |       | CHAPTER 13                                  |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------|-------|-----------|----------------------------|----------------------------|------------|--|-------|---------------------------------------------|--|--|--|--|-----|---------|-------|-------|----------|---|------|----|-------|-----------|---|--------|----|-------|-----------|---|------|----|-------|-----------|---|------|----|-------|-----------|---|------|----|------|-----------|---|------|----|------|-----------|---|------|----|------|-----------|
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |                  |       |           |                            |                            |            |  |       | CONNECTOR BODY COMPOSITES MATING VIEW SHOWN |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| <p>LEFT REAR SPEAKER (2302M)<br/>(LOCATED IN REAR PANEL)</p>  <p>CONNECTOR 3535769C1<br/>BODY LOCK 1661263C1</p> <table border="1" style="margin: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D86B</td> <td>18</td> <td>LT GN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>D86C</td> <td>18</td> <td>LT GN</td> <td>1661261C1</td> </tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |                  |       |           |                            |                            |            |  |       |                                             |  |  |  |  | CAV | CIRC    | GAUGE | COLOR | TERMINAL | A | D86B | 18 | LT GN | 1661261C1 | B | D86C   | 18 | LT GN | 1661261C1 |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CIRC    | GAUGE            | COLOR | TERMINAL  |                            |                            |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | D86B    | 18               | LT GN | 1661261C1 |                            |                            |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | D86C    | 18               | LT GN | 1661261C1 |                            |                            |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| <p>RIGHT CONSOLE SPEAKER (2304M)<br/>(LOCATED IN CONSOLE)</p>  <p>CONNECTOR 3535769C1<br/>BODY LOCK 1661263C1</p> <table border="1" style="margin: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>C86K</td> <td>18</td> <td>LT GN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>C86L</td> <td>18</td> <td>LT GN</td> <td>1661261C1</td> </tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |                  |       |           |                            |                            |            |  |       |                                             |  |  |  |  | CAV | CIRCUIT | GAUGE | COLOR | TERMINAL | A | C86K | 18 | LT GN | 1661261C1 | B | C86L   | 18 | LT GN | 1661261C1 |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CIRCUIT | GAUGE            | COLOR | TERMINAL  |                            |                            |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | C86K    | 18               | LT GN | 1661261C1 |                            |                            |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | C86L    | 18               | LT GN | 1661261C1 |                            |                            |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| <p>LEFT CONSOLE SPEAKER (2305M)<br/>(LOCATED IN CONSOLE)</p>  <p>CONNECTOR 3535769C1<br/>BODY LOCK 1661263C1</p> <table border="1" style="margin: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>C86H</td> <td>18</td> <td>LT GN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>C86J</td> <td>18</td> <td>LT GN</td> <td>1661261C1</td> </tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |                  |       |           |                            |                            |            |  |       |                                             |  |  |  |  | CAV | CIRCUIT | GAUGE | COLOR | TERMINAL | A | C86H | 18 | LT GN | 1661261C1 | B | C86J   | 18 | LT GN | 1661261C1 |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CIRCUIT | GAUGE            | COLOR | TERMINAL  |                            |                            |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | C86H    | 18               | LT GN | 1661261C1 |                            |                            |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | C86J    | 18               | LT GN | 1661261C1 |                            |                            |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| <p>CONSOLE ROOF STANDARD (2502M)<br/>(LOCATED IN ROOF)</p>  <p>CONNECTOR 1667305C1<br/>BODY LOCK 1661263C1</p> <table border="1" style="margin: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D86F</td> <td>16</td> <td>LT GN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>D11-GF</td> <td>16</td> <td>WH</td> <td>1661261C1</td> </tr> <tr> <td>C</td> <td>D63J</td> <td>18</td> <td>DK BL</td> <td>1661261C1</td> </tr> <tr> <td>D</td> <td>D63C</td> <td>18</td> <td>DK BL</td> <td>1661261C1</td> </tr> </tbody> </table>                                                                                                                                                                                                                                                                     |         |                  |       |           |                            |                            |            |  |       |                                             |  |  |  |  | CAV | CIRCUIT | GAUGE | COLOR | TERMINAL | A | D86F | 16 | LT GN | 1661261C1 | B | D11-GF | 16 | WH    | 1661261C1 | C | D63J | 18 | DK BL | 1661261C1 | D | D63C | 18 | DK BL | 1661261C1 |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CIRCUIT | GAUGE            | COLOR | TERMINAL  |                            |                            |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | D86F    | 16               | LT GN | 1661261C1 |                            |                            |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | D11-GF  | 16               | WH    | 1661261C1 |                            |                            |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | D63J    | 18               | DK BL | 1661261C1 |                            |                            |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | D63C    | 18               | DK BL | 1661261C1 |                            |                            |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| <p>IP / AUX ROOF (2502M)<br/>(LOCATED IN INSTRUMENT<br/>PANEL RIGHT SIDE)</p>  <p>CONNECTOR 1667305C1<br/>BODY LOCK 1661263C1</p> <table border="1" style="margin: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A86F</td> <td>16</td> <td>LTGN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A11-GF</td> <td>16</td> <td>WH</td> <td>1661261C1</td> </tr> <tr> <td>C</td> <td>A63J</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> <tr> <td>C</td> <td>A63N</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> <tr> <td>C</td> <td>A63D</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> <tr> <td>D</td> <td>A63C</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> <tr> <td>D</td> <td>A63E</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> </tbody> </table> |         |                  |       |           |                            |                            |            |  |       |                                             |  |  |  |  | CAV | CIRCUIT | GAUGE | COLOR | TERMINAL | A | A86F | 16 | LTGN  | 1661261C1 | B | A11-GF | 16 | WH    | 1661261C1 | C | A63J | 18 | DKBL  | 1661261C1 | C | A63N | 18 | DKBL  | 1661261C1 | C | A63D | 18 | DKBL | 1661261C1 | D | A63C | 18 | DKBL | 1661261C1 | D | A63E | 18 | DKBL | 1661261C1 |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CIRCUIT | GAUGE            | COLOR | TERMINAL  |                            |                            |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A86F    | 16               | LTGN  | 1661261C1 |                            |                            |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A11-GF  | 16               | WH    | 1661261C1 |                            |                            |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A63J    | 18               | DKBL  | 1661261C1 |                            |                            |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A63N    | 18               | DKBL  | 1661261C1 |                            |                            |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A63D    | 18               | DKBL  | 1661261C1 |                            |                            |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A63C    | 18               | DKBL  | 1661261C1 |                            |                            |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A63E    | 18               | DKBL  | 1661261C1 |                            |                            |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| CHK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | DATE    | CHANGE           | REV   | REFERENCE | DRAWN                      | NAME                       |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
| 0638                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 09FEB15 | INITIAL RELEASE. | A     | 92855Z    | MJV0370                    | CIRCUIT DIAGRAM, TERRASTAR |            |  |       |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |                  |       |           | RELEASE NO.                | DATE                       | PART NO.   |  | SHEET |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |                  |       |           | 92855Z                     | 10DEC14                    | AE08068784 |  | 37C   |                                             |  |  |  |  |     |         |       |       |          |   |      |    |       |           |   |        |    |       |           |   |      |    |       |           |   |      |    |       |           |   |      |    |      |           |   |      |    |      |           |   |      |    |      |           |

Figure 196 Connector Body Composites (2302M / 2304M / 2305M / 2502M)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.44. CONNECTOR BODY COMPOSITES (2503 / 2600 / 2601M / 2602M), P. 38

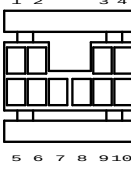
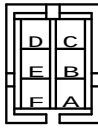
| <b>NAVISTAR, INC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                            |                     |       |           | <b>ELECTRICAL CIRCUIT DIAGRAM</b>           |         |            |       |           | <b>CHAPTER 13</b> |         |                     |       |           |   |         |    |    |           |                                                                                                                                                                                                                                                                         |      |    |       |           |       |        |         |                            |             |      |        |           |   |   |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |           |     |      |       |       |           |    |         |    |       |           |    |         |    |      |           |    |      |    |       |           |    |        |    |      |           |    |        |    |      |           |    |      |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |        |    |      |           |   |      |    |      |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |
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| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |                     |       |           | CONNECTOR BODY COMPOSITES MATING VIEW SHOWN |         |            |       |           |                   |         |                     |       |           |   |         |    |    |           |                                                                                                                                                                                                                                                                         |      |    |       |           |       |        |         |                            |             |      |        |           |   |   |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |           |     |      |       |       |           |    |         |    |       |           |    |         |    |      |           |    |      |    |       |           |    |        |    |      |           |    |        |    |      |           |    |      |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |        |    |      |           |   |      |    |      |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |
| <p style="text-align: center; font-size: 10px;">IP / PREMIUM ROOF (2503)<br/>(LOCATED IN INSTRUMENT<br/>PANEL LEFT SIDE)</p>  <p style="text-align: center; font-size: 10px;">CONNECTOR 3544688C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6#</td><td>A86L</td><td>20</td><td>LTGN</td><td>3544692C1</td></tr> <tr><td>6&amp;</td><td>A86L</td><td>18</td><td>LTGN</td><td>3544692C1</td></tr> <tr><td>7#</td><td>A86J</td><td>20</td><td>LTGN</td><td>3544692C1</td></tr> <tr><td>7&amp;</td><td>A86J</td><td>18</td><td>LTGN</td><td>3544692C1</td></tr> <tr><td>8#</td><td>A86H</td><td>20</td><td>LTGN</td><td>3544692C1</td></tr> <tr><td>8&amp;</td><td>A86H</td><td>18</td><td>LTGN</td><td>3544692C1</td></tr> <tr><td>9#</td><td>A86K</td><td>20</td><td>LTGN</td><td>3544692C1</td></tr> <tr><td>9&amp;</td><td>A86K</td><td>18</td><td>LTGN</td><td>3544692C1</td></tr> <tr><td>10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> <p style="font-size: 8px; margin-top: 5px;"># W/ 12 WAY W/ PREM TRIM<br/>&amp; W/ 16 WAY W/ PREM TRIM</p> |                            |                     |       |           | CAV                                         | CIRCUIT | GAUGE      | COLOR | TERMINAL  | 1                 | -       | -                   | -     | -         | 2 | -       | -  | -  | -         | 3                                                                                                                                                                                                                                                                       | -    | -  | -     | -         | 4     | -      | -       | -                          | -           | 5    | -      | -         | - | - | 6# | A86L   | 20 | LTGN | 3544692C1 | 6&                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A86L | 18 | LTGN | 3544692C1 | 7#  | A86J | 20    | LTGN  | 3544692C1 | 7& | A86J    | 18 | LTGN  | 3544692C1 | 8# | A86H    | 20 | LTGN | 3544692C1 | 8& | A86H | 18 | LTGN  | 3544692C1 | 9# | A86K   | 20 | LTGN | 3544692C1 | 9& | A86K   | 18 | LTGN | 3544692C1 | 10 | -    | - | - | - | <p style="text-align: center; font-size: 10px;">ROOF / IP CREW ROOF (2600)<br/>(LOCATED IN INSTRUMENT PANEL LEFT SIDE)</p>  <p style="text-align: center; font-size: 10px;">CONNECTOR 3550639C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A81C</td><td>12</td><td>LTGN</td><td>3544877C1</td></tr> <tr><td>B</td><td>A3F(+)</td><td>18</td><td>DKBL</td><td>3544876C1</td></tr> <tr><td>C</td><td>A81D</td><td>12</td><td>LTGN</td><td>3544877C1</td></tr> <tr><td>D</td><td>A81-GB</td><td>12</td><td>WH</td><td>3544877C1</td></tr> <tr><td>E</td><td>A3F(-)</td><td>18</td><td>GY</td><td>3544876C1</td></tr> <tr><td>F</td><td>A81-GC</td><td>12</td><td>WH</td><td>3544877C1</td></tr> </tbody> </table> |  |  |  |  | CAV | CIRCUIT | GAUGE | COLOR | TERMINAL | A | A81C | 12 | LTGN | 3544877C1 | B | A3F(+) | 18 | DKBL | 3544876C1 | C | A81D | 12 | LTGN | 3544877C1 | D | A81-GB | 12 | WH | 3544877C1 | E | A3F(-) | 18 | GY | 3544876C1 | F | A81-GC | 12 | WH | 3544877C1 |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CIRCUIT                    | GAUGE               | COLOR | TERMINAL  |                                             |         |            |       |           |                   |         |                     |       |           |   |         |    |    |           |                                                                                                                                                                                                                                                                         |      |    |       |           |       |        |         |                            |             |      |        |           |   |   |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |           |     |      |       |       |           |    |         |    |       |           |    |         |    |      |           |    |      |    |       |           |    |        |    |      |           |    |        |    |      |           |    |      |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |        |    |      |           |   |      |    |      |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |
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| <p style="text-align: center; font-size: 10px;">LEFT CREW DOOR POD (2601M)<br/>(LOCATED IN DOOR)</p>  <p style="text-align: center; font-size: 10px;">CONNECTOR 1661200C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIRC</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>D3B(+)</td><td>18</td><td>DK BL</td><td>1661208C1</td></tr> <tr><td>B</td><td>D3AA(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>C</td><td>D81C</td><td>12</td><td>LT GN</td><td>3566715C1</td></tr> <tr><td>D</td><td>D81-GF</td><td>12</td><td>WH</td><td>3566715C1</td></tr> <tr><td>E</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>D81-GG</td><td>18</td><td>WH</td><td>1661208C1</td></tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                            |                     |       |           | CAV                                         | CIRC    | GAUGE      | COLOR | TERMINAL  | A                 | D3B(+)  | 18                  | DK BL | 1661208C1 | B | D3AA(-) | 18 | GY | 1661208C1 | C                                                                                                                                                                                                                                                                       | D81C | 12 | LT GN | 3566715C1 | D     | D81-GF | 12      | WH                         | 3566715C1   | E    | PLUG   | -         | - | - | F  | D81-GG | 18 | WH   | 1661208C1 | <p style="text-align: center; font-size: 10px;">RIGHT CREW DOOR POD (2602M)<br/>(LOCATED IN DOOR)</p>  <p style="text-align: center; font-size: 10px;">CONNECTOR 1661200C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIRC</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>D3BB(+)</td><td>18</td><td>DK BL</td><td>1661208C1</td></tr> <tr><td>B</td><td>D3CC(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>C</td><td>D81D</td><td>12</td><td>LT GN</td><td>3566715C1</td></tr> <tr><td>D</td><td>D81-GD</td><td>12</td><td>WH</td><td>3566715C1</td></tr> <tr><td>E</td><td>D81-GE</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>F</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> |      |    |      |           | CAV | CIRC | GAUGE | COLOR | TERMINAL  | A  | D3BB(+) | 18 | DK BL | 1661208C1 | B  | D3CC(-) | 18 | GY   | 1661208C1 | C  | D81D | 12 | LT GN | 3566715C1 | D  | D81-GD | 12 | WH   | 3566715C1 | E  | D81-GE | 18 | WH   | 1661208C1 | F  | PLUG | - | - | - |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |        |    |      |           |   |      |    |      |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |
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| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CHK</th><th>DATE</th><th>CHANGE</th><th>REV</th><th>REFERENCE</th></tr> <tr> <td>0638</td><td>09FEB15</td><td>ADDED R/D 2601M AND</td><td>C</td><td>92855Z</td></tr> <tr> <td></td><td>2602M.</td><td></td><td></td><td></td></tr> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                            |                     |       |           | CHK                                         | DATE    | CHANGE     | REV   | REFERENCE | 0638              | 09FEB15 | ADDED R/D 2601M AND | C     | 92855Z    |   | 2602M.  |    |    |           | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>DRAWN</th><th>NAME</th></tr> <tr> <td>U00KDD2</td><td>CIRCUIT DIAGRAM, TERRASTAR</td></tr> <tr> <td>RELEASE NO.</td><td>DATE</td></tr> <tr> <td>80257V</td><td>07 JUL 11</td></tr> </table> |      |    |       |           | DRAWN | NAME   | U00KDD2 | CIRCUIT DIAGRAM, TERRASTAR | RELEASE NO. | DATE | 80257V | 07 JUL 11 |   |   |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |           |     |      |       |       |           |    |         |    |       |           |    |         |    |      |           |    |      |    |       |           |    |        |    |      |           |    |        |    |      |           |    |      |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |        |    |      |           |   |      |    |      |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |
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| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>PART NO.</th><th>SHEET</th></tr> <tr> <td>AE08068784</td><td>038</td></tr> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                            |                     |       |           | PART NO.                                    | SHEET   | AE08068784 | 038   |           |                   |         |                     |       |           |   |         |    |    |           |                                                                                                                                                                                                                                                                         |      |    |       |           |       |        |         |                            |             |      |        |           |   |   |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |           |     |      |       |       |           |    |         |    |       |           |    |         |    |      |           |    |      |    |       |           |    |        |    |      |           |    |        |    |      |           |    |      |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |        |    |      |           |   |      |    |      |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |
| PART NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | SHEET                      |                     |       |           |                                             |         |            |       |           |                   |         |                     |       |           |   |         |    |    |           |                                                                                                                                                                                                                                                                         |      |    |       |           |       |        |         |                            |             |      |        |           |   |   |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |           |     |      |       |       |           |    |         |    |       |           |    |         |    |      |           |    |      |    |       |           |    |        |    |      |           |    |        |    |      |           |    |      |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |        |    |      |           |   |      |    |      |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |
| AE08068784                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 038                        |                     |       |           |                                             |         |            |       |           |                   |         |                     |       |           |   |         |    |    |           |                                                                                                                                                                                                                                                                         |      |    |       |           |       |        |         |                            |             |      |        |           |   |   |    |        |    |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |           |     |      |       |       |           |    |         |    |       |           |    |         |    |      |           |    |      |    |       |           |    |        |    |      |           |    |        |    |      |           |    |      |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |     |         |       |       |          |   |      |    |      |           |   |        |    |      |           |   |      |    |      |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |

Figure 197 Connector Body Composites (2503 / 2600 / 2601M / 2602M)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.45. CONNECTOR BODY COMPOSITES (3000 / 3001 / 3003 / 3100M / 3200), P. 39

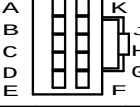
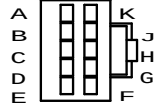
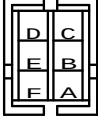
| NAVISTAR, INC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                 |       |            | ELECTRICAL CIRCUIT DIAGRAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |        |       |           | CHAPTER 13  |         |       |         |                 |           |           |         |                            |             |       |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |       |        |    |           |           |            |       |          |      |           |    |       |           |      |           |    |       |           |       |           |    |       |           |    |           |    |      |           |      |           |    |         |           |    |           |    |    |           |   |       |    |      |           |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |     |      |       |       |          |   |      |    |    |           |
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| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |                 |       |            | CONNECTOR BODY COMPOSITES MATING VIEW SHOWN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                            |        |       |           |             |         |       |         |                 |           |           |         |                            |             |       |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |       |        |    |           |           |            |       |          |      |           |    |       |           |      |           |    |       |           |       |           |    |       |           |    |           |    |      |           |      |           |    |         |           |    |           |    |    |           |   |       |    |      |           |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |     |      |       |       |          |   |      |    |    |           |
| <p style="text-align: center;">DRIVER DOOR CONNECTOR (3000)<br/>(LOCATED IN INSTRUMENT PANEL<br/>BY DRIVER DOOR)</p>  <p style="text-align: center;">CONNECTOR 3540612C1<br/>BODY LOCK 3540614C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A78D</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>B</td><td>A78E</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>C</td><td>A78F</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>D*</td><td>A78A</td><td>16</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>D#</td><td>A78AB</td><td>16</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>E*</td><td>A62BD</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr> <tr><td>E#</td><td>A62DD</td><td>18</td><td>DK BL</td><td>1661261C1</td></tr> <tr><td>F</td><td>A58DA</td><td>18</td><td>BN</td><td>1661261C1</td></tr> <tr><td>G</td><td>A78V</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>H</td><td>A78-GCE</td><td>16</td><td>WH</td><td>1661261C1</td></tr> <tr><td>J</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>K</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> <p style="font-size: 8px;">* PANEL LIGHT OPTION<br/># PANEL LIGHT OPTION</p> |         |                 |       |            | CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CIRCUIT                    | GAUGE  | COLOR | TERMINAL  | A           | A78D    | 18    | LTGN    | 1661261C1       | B         | A78E      | 18      | LTGN                       | 1661261C1   | C     | A78F      | 18        | LTGN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1661261C1 | D*    | A78A   | 16 | LTGN      | 1661261C1 | D#         | A78AB | 16       | LTGN | 1661261C1 | E* | A62BD | 18        | DKBL | 1661261C1 | E# | A62DD | 18        | DK BL | 1661261C1 | F  | A58DA | 18        | BN | 1661261C1 | G  | A78V | 18        | LTGN | 1661261C1 | H  | A78-GCE | 16        | WH | 1661261C1 | J  | -  | -         | - | -     | K  | -    | -         | - | - | <p style="text-align: center;">HEATED WINDSHIELD LEFT SIDE (3001)<br/>(LOCATED IN INSTRUMENT PANEL<br/>BY DRIVER DOOR)</p>  <p style="text-align: center;">CONNECTOR 0899167R1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A78C</td> <td>14</td> <td>BK</td> <td>0188396R1</td> </tr> </tbody> </table> |  |  |  |  | CAV | CIRC | GAUGE | COLOR | TERMINAL | A | A78C | 14 | BK | 0188396R1 |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CIRCUIT | GAUGE           | COLOR | TERMINAL   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |        |       |           |             |         |       |         |                 |           |           |         |                            |             |       |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |       |        |    |           |           |            |       |          |      |           |    |       |           |      |           |    |       |           |       |           |    |       |           |    |           |    |      |           |      |           |    |         |           |    |           |    |    |           |   |       |    |      |           |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |     |      |       |       |          |   |      |    |    |           |
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| <p style="text-align: center;">PASSENGER DOOR (3003)<br/>(LOCATED IN INSTRUMENT PANEL<br/>BY PASSENGER DOOR)</p>  <p style="text-align: center;">CONNECTOR 3540612C1<br/>BODY LOCK 3540614C1</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                 |       |            | <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A78D</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>B</td><td>A78E</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>C</td><td>A78F</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>D#</td><td>A78B</td><td>16</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>D#</td><td>A78BB</td><td>16</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>A58DB</td><td>18</td><td>BN</td><td>1661261C1</td></tr> <tr><td>G</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>H</td><td>A78-GCF</td><td>16</td><td>WH</td><td>1661261C1</td></tr> <tr><td>J</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>K</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> <p style="font-size: 8px;"># MUTUALLY EXCLUSIVE</p> |                            |        |       |           | CAV         | CIRCUIT | GAUGE | COLOR   | TERMINAL        | A         | A78D      | 18      | LTGN                       | 1661261C1   | B     | A78E      | 18        | LTGN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1661261C1 | C     | A78F   | 18 | LTGN      | 1661261C1 | D#         | A78B  | 16       | LTGN | 1661261C1 | D# | A78BB | 16        | LTGN | 1661261C1 | E  | -     | -         | -     | -         | F  | A58DB | 18        | BN | 1661261C1 | G  | -    | -         | -    | -         | H  | A78-GCF | 16        | WH | 1661261C1 | J  | -  | -         | - | -     | K  | -    | -         | - | - |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |     |      |       |       |          |   |      |    |    |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CIRCUIT | GAUGE           | COLOR | TERMINAL   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |        |       |           |             |         |       |         |                 |           |           |         |                            |             |       |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |       |        |    |           |           |            |       |          |      |           |    |       |           |      |           |    |       |           |       |           |    |       |           |    |           |    |      |           |      |           |    |         |           |    |           |    |    |           |   |       |    |      |           |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |     |      |       |       |          |   |      |    |    |           |
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| <p style="text-align: center;">WINDOW MOTOR<br/>(3100M)<br/>(LOCATED IN DRIVER DOOR<br/>AND PASSENGER DOOR)</p>  <p style="text-align: center;">CONNECTOR 3534424C1<br/>BODY LOCK 3534425C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>E83A</td><td>14</td><td>LT GN</td><td>3535486C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>E83E</td><td>14</td><td>LT GN</td><td>3535486C1</td><td>0589391C1</td></tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |                 |       |            | CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CIRCUIT                    | GAUGE  | COLOR | TERMINAL  | SEAL/SLEEVE | A       | E83A  | 14      | LT GN           | 3535486C1 | 0589391C1 | B       | E83E                       | 14          | LT GN | 3535486C1 | 0589391C1 | <p style="text-align: center;">IP CONNECTOR (3200)<br/>(LOCATED IN INSTRUMENT PANEL<br/>BY DRIVER DOOR)</p>  <p style="text-align: center;">CONNECTOR 1661200C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A3D(+)</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>B</td><td>A3D(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>C</td><td>A81B</td><td>12</td><td>LTGN</td><td>3566715C1</td></tr> <tr><td>D*</td><td>A81-GA</td><td>12</td><td>WH</td><td>3566715C1</td></tr> <tr><td>D*</td><td>A81-GH</td><td>12</td><td>WH</td><td>3566715C1</td></tr> <tr><td>E</td><td>A63-GDW</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>F</td><td>A63DB</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> </tbody> </table> <p style="font-size: 8px;">* MUTUALLY EXCLUSIVE</p> |           |       |        |    | CAV       | CIRCUIT   | GAUGE      | COLOR | TERMINAL | A    | A3D(+)    | 18 | DKBL  | 1661208C1 | B    | A3D(-)    | 18 | GY    | 1661208C1 | C     | A81B      | 12 | LTGN  | 3566715C1 | D* | A81-GA    | 12 | WH   | 3566715C1 | D*   | A81-GH    | 12 | WH      | 3566715C1 | E  | A63-GDW   | 18 | WH | 1661208C1 | F | A63DB | 18 | DKBL | 1661208C1 |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |     |      |       |       |          |   |      |    |    |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CIRCUIT | GAUGE           | COLOR | TERMINAL   | SEAL/SLEEVE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                            |        |       |           |             |         |       |         |                 |           |           |         |                            |             |       |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |       |        |    |           |           |            |       |          |      |           |    |       |           |      |           |    |       |           |       |           |    |       |           |    |           |    |      |           |      |           |    |         |           |    |           |    |    |           |   |       |    |      |           |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |     |      |       |       |          |   |      |    |    |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | E83A    | 14              | LT GN | 3535486C1  | 0589391C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                            |        |       |           |             |         |       |         |                 |           |           |         |                            |             |       |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |       |        |    |           |           |            |       |          |      |           |    |       |           |      |           |    |       |           |       |           |    |       |           |    |           |    |      |           |      |           |    |         |           |    |           |    |    |           |   |       |    |      |           |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |     |      |       |       |          |   |      |    |    |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | E83E    | 14              | LT GN | 3535486C1  | 0589391C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                            |        |       |           |             |         |       |         |                 |           |           |         |                            |             |       |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |       |        |    |           |           |            |       |          |      |           |    |       |           |      |           |    |       |           |       |           |    |       |           |    |           |    |      |           |      |           |    |         |           |    |           |    |    |           |   |       |    |      |           |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |     |      |       |       |          |   |      |    |    |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CIRCUIT | GAUGE           | COLOR | TERMINAL   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |        |       |           |             |         |       |         |                 |           |           |         |                            |             |       |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |       |        |    |           |           |            |       |          |      |           |    |       |           |      |           |    |       |           |       |           |    |       |           |    |           |    |      |           |      |           |    |         |           |    |           |    |    |           |   |       |    |      |           |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |     |      |       |       |          |   |      |    |    |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A3D(+)  | 18              | DKBL  | 1661208C1  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |        |       |           |             |         |       |         |                 |           |           |         |                            |             |       |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |       |        |    |           |           |            |       |          |      |           |    |       |           |      |           |    |       |           |       |           |    |       |           |    |           |    |      |           |      |           |    |         |           |    |           |    |    |           |   |       |    |      |           |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |     |      |       |       |          |   |      |    |    |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A3D(-)  | 18              | GY    | 1661208C1  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |        |       |           |             |         |       |         |                 |           |           |         |                            |             |       |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |       |        |    |           |           |            |       |          |      |           |    |       |           |      |           |    |       |           |       |           |    |       |           |    |           |    |      |           |      |           |    |         |           |    |           |    |    |           |   |       |    |      |           |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |     |      |       |       |          |   |      |    |    |           |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A81B    | 12              | LTGN  | 3566715C1  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |        |       |           |             |         |       |         |                 |           |           |         |                            |             |       |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |       |        |    |           |           |            |       |          |      |           |    |       |           |      |           |    |       |           |       |           |    |       |           |    |           |    |      |           |      |           |    |         |           |    |           |    |    |           |   |       |    |      |           |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |     |      |       |       |          |   |      |    |    |           |
| D*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A81-GA  | 12              | WH    | 3566715C1  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |        |       |           |             |         |       |         |                 |           |           |         |                            |             |       |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |       |        |    |           |           |            |       |          |      |           |    |       |           |      |           |    |       |           |       |           |    |       |           |    |           |    |      |           |      |           |    |         |           |    |           |    |    |           |   |       |    |      |           |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |     |      |       |       |          |   |      |    |    |           |
| D*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A81-GH  | 12              | WH    | 3566715C1  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |        |       |           |             |         |       |         |                 |           |           |         |                            |             |       |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |       |        |    |           |           |            |       |          |      |           |    |       |           |      |           |    |       |           |       |           |    |       |           |    |           |    |      |           |      |           |    |         |           |    |           |    |    |           |   |       |    |      |           |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |     |      |       |       |          |   |      |    |    |           |
| E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A63-GDW | 18              | WH    | 1661208C1  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |        |       |           |             |         |       |         |                 |           |           |         |                            |             |       |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |       |        |    |           |           |            |       |          |      |           |    |       |           |      |           |    |       |           |       |           |    |       |           |    |           |    |      |           |      |           |    |         |           |    |           |    |    |           |   |       |    |      |           |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |     |      |       |       |          |   |      |    |    |           |
| F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A63DB   | 18              | DKBL  | 1661208C1  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |        |       |           |             |         |       |         |                 |           |           |         |                            |             |       |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |       |        |    |           |           |            |       |          |      |           |    |       |           |      |           |    |       |           |       |           |    |       |           |    |           |    |      |           |      |           |    |         |           |    |           |    |    |           |   |       |    |      |           |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |     |      |       |       |          |   |      |    |    |           |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> <tr> <td>0638</td> <td>09FEB15</td> <td>ADDED R/D 3001.</td> <td>C</td> <td>92B55Z</td> <td>U00KDD2</td> <td>CIRCUIT DIAGRAM, TERRASTAR</td> </tr> <tr> <td colspan="2">RELEASE NO.</td> <td colspan="2">DATE</td> <td colspan="2">PART NO.</td> <td>SHEET</td> </tr> <tr> <td colspan="2">80257V</td> <td colspan="2">07 JUL 11</td> <td colspan="2">AE08068784</td> <td>039</td> </tr> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                 |       |            | CHK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | DATE                       | CHANGE | REV   | REFERENCE | DRAWN       | NAME    | 0638  | 09FEB15 | ADDED R/D 3001. | C         | 92B55Z    | U00KDD2 | CIRCUIT DIAGRAM, TERRASTAR | RELEASE NO. |       | DATE      |           | PART NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | SHEET | 80257V |    | 07 JUL 11 |           | AE08068784 |       | 039      |      |           |    |       |           |      |           |    |       |           |       |           |    |       |           |    |           |    |      |           |      |           |    |         |           |    |           |    |    |           |   |       |    |      |           |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |     |      |       |       |          |   |      |    |    |           |
| CHK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DATE    | CHANGE          | REV   | REFERENCE  | DRAWN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NAME                       |        |       |           |             |         |       |         |                 |           |           |         |                            |             |       |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |       |        |    |           |           |            |       |          |      |           |    |       |           |      |           |    |       |           |       |           |    |       |           |    |           |    |      |           |      |           |    |         |           |    |           |    |    |           |   |       |    |      |           |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |     |      |       |       |          |   |      |    |    |           |
| 0638                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 09FEB15 | ADDED R/D 3001. | C     | 92B55Z     | U00KDD2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | CIRCUIT DIAGRAM, TERRASTAR |        |       |           |             |         |       |         |                 |           |           |         |                            |             |       |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |       |        |    |           |           |            |       |          |      |           |    |       |           |      |           |    |       |           |       |           |    |       |           |    |           |    |      |           |      |           |    |         |           |    |           |    |    |           |   |       |    |      |           |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |     |      |       |       |          |   |      |    |    |           |
| RELEASE NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         | DATE            |       | PART NO.   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SHEET                      |        |       |           |             |         |       |         |                 |           |           |         |                            |             |       |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |       |        |    |           |           |            |       |          |      |           |    |       |           |      |           |    |       |           |       |           |    |       |           |    |           |    |      |           |      |           |    |         |           |    |           |    |    |           |   |       |    |      |           |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |     |      |       |       |          |   |      |    |    |           |
| 80257V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         | 07 JUL 11       |       | AE08068784 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 039                        |        |       |           |             |         |       |         |                 |           |           |         |                            |             |       |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |       |        |    |           |           |            |       |          |      |           |    |       |           |      |           |    |       |           |       |           |    |       |           |    |           |    |      |           |      |           |    |         |           |    |           |    |    |           |   |       |    |      |           |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |     |      |       |       |          |   |      |    |    |           |

Figure 198 Connector Body Composites (3000 / 3001 / 3003 / 3100M / 3200)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.46. CONNECTOR BODY COMPOSITES (3201M / 3202M / 3203M / 3205M / 3206 / 3209M), P. 39A

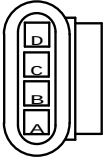
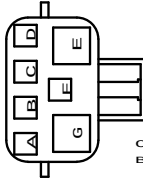
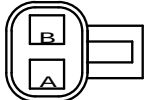
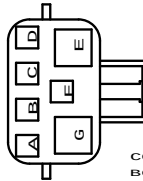
| NAVISTAR, INC                                                                                                               |         |                     |       |           | ELECTRICAL CIRCUIT DIAGRAM                                                                         |                            | CHAPTER 13 |       |       |           |             |
|-----------------------------------------------------------------------------------------------------------------------------|---------|---------------------|-------|-----------|----------------------------------------------------------------------------------------------------|----------------------------|------------|-------|-------|-----------|-------------|
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC. |         |                     |       |           | CONNECTOR BODY COMPOSITES MATING VIEW SHOWN                                                        |                            |            |       |       |           |             |
| <b>DOOR POD LOAD</b><br>(3201M)<br>(LOCATED IN DOOR (DRIVER AND PASSENGER))                                                 |         |                     |       |           | <b>DOOR POD SIGNAL</b><br>(3202M)<br>(LOCATED IN DOOR (DRIVER AND PASSENGER))                      |                            |            |       |       |           |             |
|                                            |         |                     |       |           |                  |                            |            |       |       |           |             |
| CONNECTOR 3535482C1<br>BODY LOCK 3535483C1                                                                                  |         |                     |       |           | CONNECTOR 3540565C1<br>BODY LOCK 3540617C1                                                         |                            |            |       |       |           |             |
| CAV                                                                                                                         | CIRCUIT | GAUGE               | COLOR | TERMINAL  | SEAL/SLEEVE                                                                                        | CAV                        | CIRCUIT    | GAUGE | COLOR | TERMINAL  | SEAL/SLEEVE |
| A                                                                                                                           | E83E    | 14                  | LT GN | 2033816C1 | 0589391C1                                                                                          | A                          | PLUG       | -     | -     | -         | -           |
| B                                                                                                                           | E83A    | 14                  | LT GN | 2033816C1 | 0589391C1                                                                                          | B                          | PLUG       | -     | -     | -         | -           |
| C                                                                                                                           | E81A    | 14                  | LT GN | 2033816C1 | 0589391C1                                                                                          | C                          | E3X(-)     | 18    | GY    | 1661875C1 | 1661872C1   |
| D                                                                                                                           | E81E    | 14                  | LT GN | 2033816C1 | 0589391C1                                                                                          | D                          | E3W(+)     | 18    | DKBL  | 1661875C1 | 1661872C1   |
|                                                                                                                             |         |                     |       |           |                                                                                                    | E                          | E81-GA     | 12    | WH    | 2031531C1 | 2025428C1   |
|                                                                                                                             |         |                     |       |           |                                                                                                    | F                          | PLUG       | -     | -     | -         | -           |
|                                                                                                                             |         |                     |       |           |                                                                                                    | G                          | E81B       | 12    | LTGN  | 2031531C1 | 2025428C1   |
| <b>DOOR LOCK</b><br>(3203M)<br>(LOCATED IN DOOR (DRIVER AND PASSENGER))                                                     |         |                     |       |           | <b>IP/DOOR COURTESY LIGHT &amp; SPEAKER</b><br>(3205M)<br>(LOCATED IN DOOR (DRIVER AND PASSENGER)) |                            |            |       |       |           |             |
|                                           |         |                     |       |           |                 |                            |            |       |       |           |             |
| CONNECTOR 1671610C1<br>BODY LOCK 1671608C1                                                                                  |         |                     |       |           | CONNECTOR 1667305C1<br>BODY LOCK 1661263C1                                                         |                            |            |       |       |           |             |
| CAV                                                                                                                         | CIRCUIT | GAUGE               | COLOR | TERMINAL  | SEAL/SLEEVE                                                                                        | CAV                        | CIRC       | GAUGE | COLOR | TERMINAL  | SEAL/SLEEVE |
| A                                                                                                                           | E81A    | 14                  | LT GN | 2033816C1 | 0589391C1                                                                                          | A                          | A63DB      | 18    | DK BL | 1661261C1 | 1661261C1   |
| B                                                                                                                           | E81E    | 14                  | LT GN | 2033816C1 | 0589391C1                                                                                          | B                          | A63-GDW    | 18    | WH    | 1661261C1 | 1661261C1   |
|                                                                                                                             |         |                     |       |           |                                                                                                    | C                          | A86H       | 20    | LT GN | 3544254C1 | 3544254C1   |
|                                                                                                                             |         |                     |       |           |                                                                                                    | D                          | A86J       | 20    | LT GN | 3544254C1 | 3544254C1   |
| <b>IP/DOOR COURTESY LIGHT &amp; SPEAKER</b><br>(3206)<br>(LOCATED IN DOOR (DRIVER AND PASSENGER))                           |         |                     |       |           | <b>DOOR POD SIGNAL</b><br>(3209M)<br>(LOCATED IN DOOR)                                             |                            |            |       |       |           |             |
|                                          |         |                     |       |           |               |                            |            |       |       |           |             |
| CONNECTOR 1667305C1<br>BODY LOCK 1661263C1                                                                                  |         |                     |       |           | CONNECTOR 3540565C1<br>BODY LOCK 3540617C1                                                         |                            |            |       |       |           |             |
| CAV                                                                                                                         | CIRC    | GAUGE               | COLOR | TERMINAL  | SEAL/SLEEVE                                                                                        | CAV                        | CIRCUIT    | GAUGE | COLOR | TERMINAL  | SEAL/SLEEVE |
| A                                                                                                                           | A63DC   | 18                  | DK BL | 1661261C1 | 1661261C1                                                                                          | A                          | T81-GE     | 18    | WH    | 1661875C1 | 1661872C1   |
| B                                                                                                                           | A63-GDV | 18                  | WH    | 1661261C1 | 1661261C1                                                                                          | B                          | T81-GG     | 18    | WH    | 1661875C1 | 1661872C1   |
| C                                                                                                                           | A86K    | 20                  | LT GN | 3544254C1 | 3544254C1                                                                                          | C                          | T3AA(-)    | 18    | GY    | 1661875C1 | 1661872C1   |
| D                                                                                                                           | A86L    | 20                  | LT GN | 3544254C1 | 3544254C1                                                                                          | D                          | T3BB(+)    | 18    | DK BL | 1661875C1 | 1661872C1   |
|                                                                                                                             |         |                     |       |           |                                                                                                    | E                          | T81-GD     | 12    | WH    | 2031531C1 | 2025428C1   |
|                                                                                                                             |         |                     |       |           |                                                                                                    | F                          | PLUG       | -     | -     | -         | -           |
|                                                                                                                             |         |                     |       |           |                                                                                                    | G                          | T81E       | 12    | LT GN | 2031531C1 | 2025428C1   |
| CHK                                                                                                                         | DATE    | CHANGE              | REV   | REFERENCE | DRAWN                                                                                              | NAME                       |            |       |       |           |             |
| 0638                                                                                                                        | 09FEB15 | ADDED R/D 3205M AND | B     | 92855Z    | 310615                                                                                             | CIRCUIT DIAGRAM, TERRASTAR |            |       |       |           |             |
| 3206                                                                                                                        |         |                     |       |           | 88356Y                                                                                             | DATE                       | PART NO.   | SHEET |       |           |             |
|                                                                                                                             |         |                     |       |           |                                                                                                    | 31MAY13                    | AE08068784 | 39A   |       |           |             |

Figure 199 Connector Body Composites (3201M / 3202M / 3203M / 3205M / 3206 / 3209M)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.47. CONNECTOR BODY COMPOSITES (3204 / 4000 / 4001 / 4004 / 4031 / 4032), P. 40

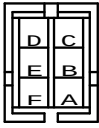
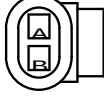
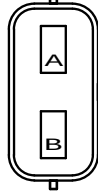
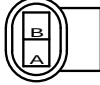
| NAVISTAR, INC                                                                                                               |         |                      |       |           | ELECTRICAL CIRCUIT DIAGRAM                                                                         |                            | CHAPTER 13 |       |           |             |
|-----------------------------------------------------------------------------------------------------------------------------|---------|----------------------|-------|-----------|----------------------------------------------------------------------------------------------------|----------------------------|------------|-------|-----------|-------------|
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC. |         |                      |       |           | CONNECTOR BODY COMPOSITES MATING VIEW SHOWN                                                        |                            |            |       |           |             |
| DOOR / IP DOOR POD (3204)<br>(LOCATED IN INSTRUMENT PANEL<br>BY PASSENGER DOOR)                                             |         |                      |       |           | AMBIENT AIR<br>TEMP SENSOR<br>(4000)                                                               |                            |            |       |           |             |
|                                            |         |                      |       |           |                  |                            |            |       |           |             |
| CONNECTOR 1661208C1                                                                                                         |         |                      |       |           | CONNECTOR 3522068C1                                                                                |                            |            |       |           |             |
| CAV                                                                                                                         | CIRCUIT | GAUGE                | COLOR | TERMINAL  | CAV                                                                                                | CIRCUIT                    | GAUGE      | COLOR | TERMINAL  | SEAL/SLEEVE |
| A                                                                                                                           | A3E(+)  | 18                   | DKBL  | 1661208C1 | A                                                                                                  | N41                        | 18         | LT    | 1661875C1 | 1661872C1   |
| B                                                                                                                           | A3E(-)  | 18                   | GY    | 1661208C1 | B                                                                                                  | N110AD                     | 18         | LT    | 1661875C1 | 1661872C1   |
| C                                                                                                                           | A81A    | 12                   | LTGN  | 3566715C1 |                                                                                                    |                            |            |       |           |             |
| D                                                                                                                           | A81-G   | 12                   | WH    | 3566715C1 |                                                                                                    |                            |            |       |           |             |
| E                                                                                                                           | A63-GDV | 18                   | WH    | 1661208C1 |                                                                                                    |                            |            |       |           |             |
| F                                                                                                                           | A63DC   | 18                   | DKBL  | 1661208C1 |                                                                                                    |                            |            |       |           |             |
| CENTER / FORWARD<br>INTERCONNECTOR<br>(4001)                                                                                |         |                      |       |           | MAXI FUSE HOLDER (4004)                                                                            |                            |            |       |           |             |
|                                            |         |                      |       |           |                  |                            |            |       |           |             |
| CONNECTOR 1684261C1                                                                                                         |         |                      |       |           | CONNECTOR 3525613C1                                                                                |                            |            |       |           |             |
| CAV                                                                                                                         | CIRCUIT | GAUGE                | COLOR | TERMINAL  | CAV                                                                                                | CIRCUIT                    | GAUGE      | COLOR | TERMINAL  | SEAL/SLEEVE |
| 1                                                                                                                           | N41     | 18                   | LT    | 1680205C1 | A*                                                                                                 | M14L                       | 10         | RD    | 3515526C1 | 3515525C1   |
| 2                                                                                                                           | N110AD  | 18                   | LT    | 1680205C1 | A*                                                                                                 | M14L                       | 12         | RD    | 3614762C1 | 3541256C1   |
|                                                                                                                             |         |                      |       |           | B&                                                                                                 | M103C                      | 12         | LTGN  | 3614762C1 | 3541256C1   |
|                                                                                                                             |         |                      |       |           | B#                                                                                                 | M14WB                      | 12         | RD    | 3614762C1 | 3541256C1   |
| HYDROMAX FLOW SWITCH (4031)<br>(LOCATED ON HYDROMAX UNIT ON<br>LEFT SIDE OF DASH)                                           |         |                      |       |           | HYDROMAX DIFFERENTIAL PRESSURE SWITCH (4032)<br>(LOCATED ON HYDROMAX UNIT ON<br>LEFT SIDE OF DASH) |                            |            |       |           |             |
|                                          |         |                      |       |           |               |                            |            |       |           |             |
| CONNECTOR 2036584C1                                                                                                         |         |                      |       |           | CONNECTOR 3518873C91                                                                               |                            |            |       |           |             |
| CAV                                                                                                                         | CIRCUIT | GAUGE                | COLOR | TERMINAL  | CAV                                                                                                | CIRCUIT                    | GAUGE      | COLOR | TERMINAL  |             |
| A                                                                                                                           | A90CA   | 16                   | GY    | 2036586C1 | A                                                                                                  | A90C                       | 16         | GY    | ASSY      |             |
| B                                                                                                                           | A90-G   | 16                   | WH    | 2036586C1 | B                                                                                                  | A90B                       | 16         | GY    | ASSY      |             |
| CHK                                                                                                                         | DATE    | CHANGE               | REV   | REFERENCE | DRAWN                                                                                              | NAME                       |            |       |           |             |
| 012                                                                                                                         | 06JUN13 | REVISED AND UPDATED. | B     | 88356Y    | U00KDD2                                                                                            | CIRCUIT DIAGRAM, TERRASTAR |            |       |           |             |
|                                                                                                                             |         |                      |       |           | RELEASE NO.                                                                                        | DATE                       | PARTY NO.  | SHEET |           |             |
|                                                                                                                             |         |                      |       |           | B0257V                                                                                             | 07JUL11                    | AE08068784 | 040   |           |             |

Figure 200 Connector Body Composites (3204 / 4000 / 4001 / 4004 / 4031 / 4032)



## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.48. CONNECTOR BODY COMPOSITES (4033 / 4040 / 4041 / 4060 / 4087), P. 40A

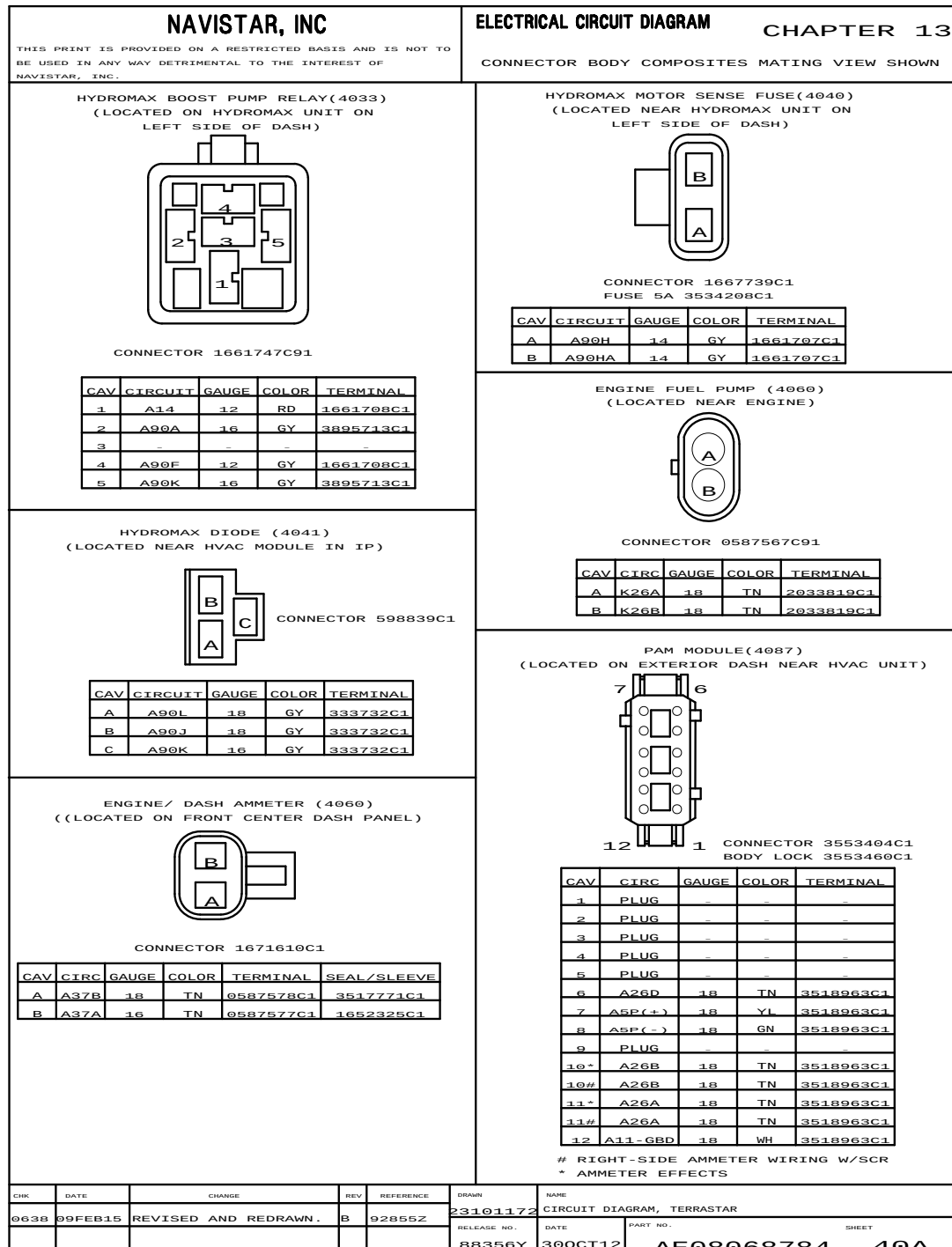


Figure 201 Connector Body Composites (4033 / 4040 / 4041 / 4060 / 4087)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.49. CONNECTOR BODY COMPOSITES (4410A / 4410B / 4410D / 4411F / 4411M / 4412F), P. 40B

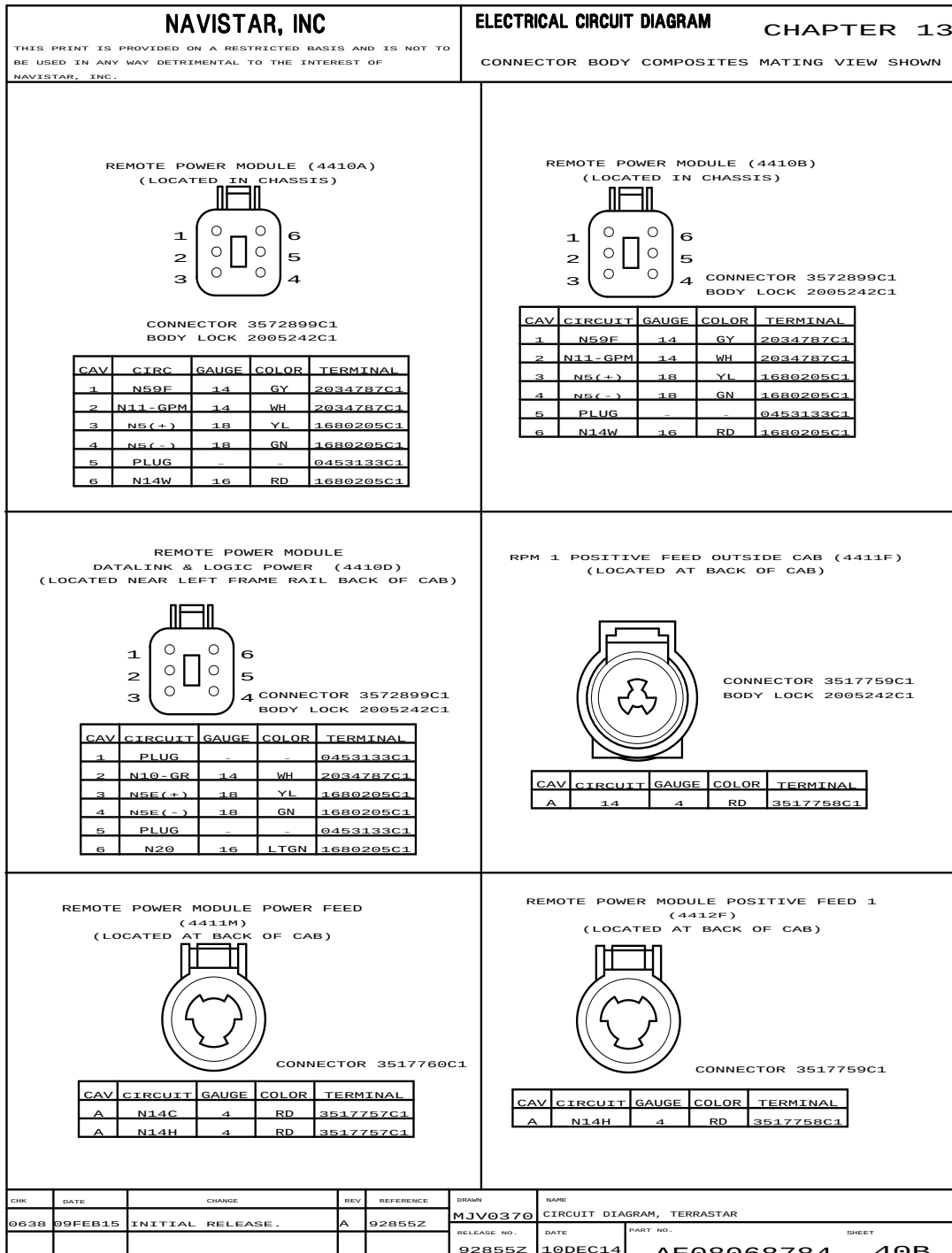


Figure 202 Connector Body Composites (4410A / 4410B / 4410D / 4411F / 4411M / 4412F)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

# 13.50. CONNECTOR BODY COMPOSITES (4412F1 / 4450AM / 4450BM / 4450M / 4060), P. 41

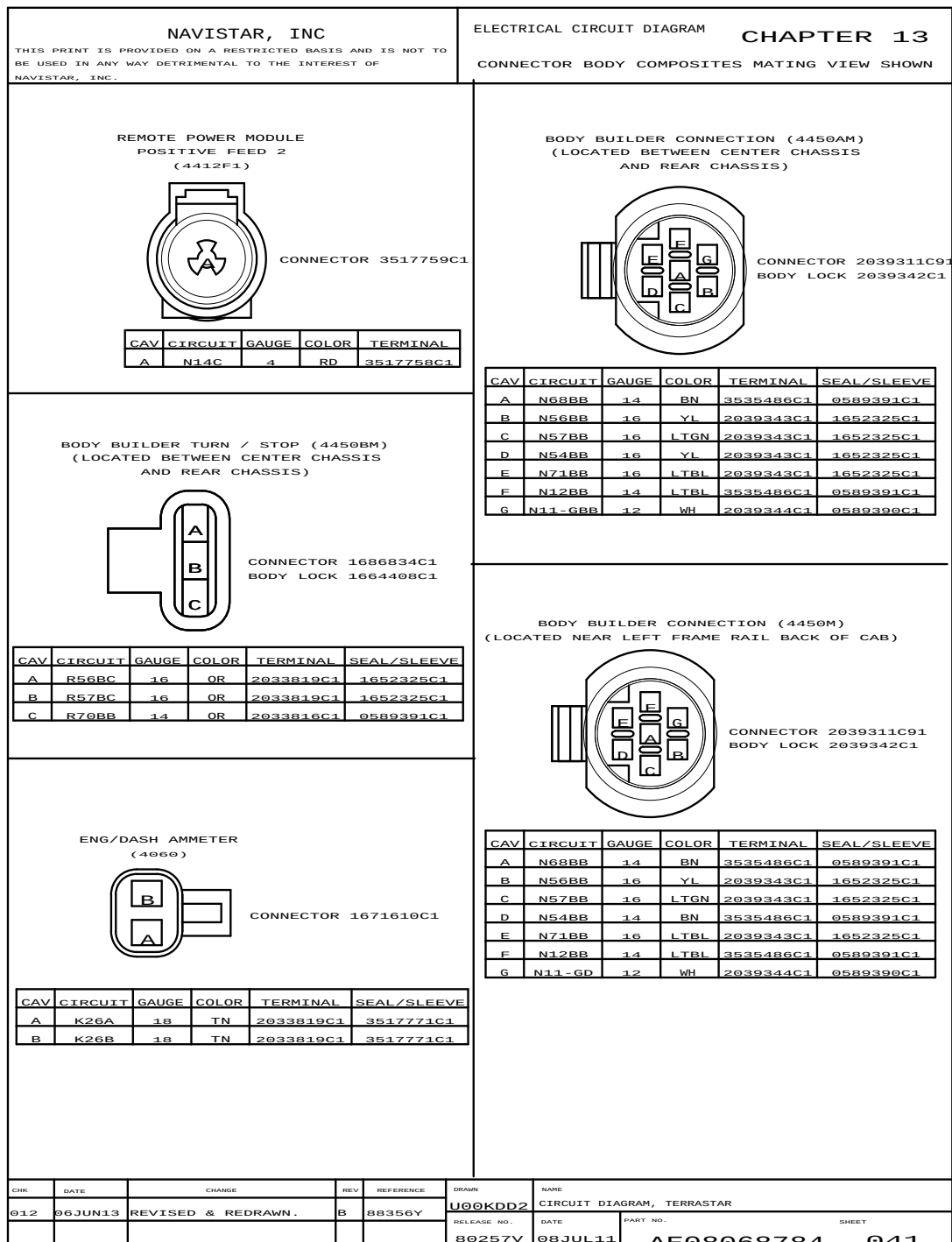


Figure 203 Connector Body Composites (4412F1 / 4450AM / 4450BM / 4450M / 4060)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.51. CONNECTOR BODY COMPOSITES (4460AM / 4460BF / 4460BM / 4450BF / 4460M / 4500 / 4906), P. 42

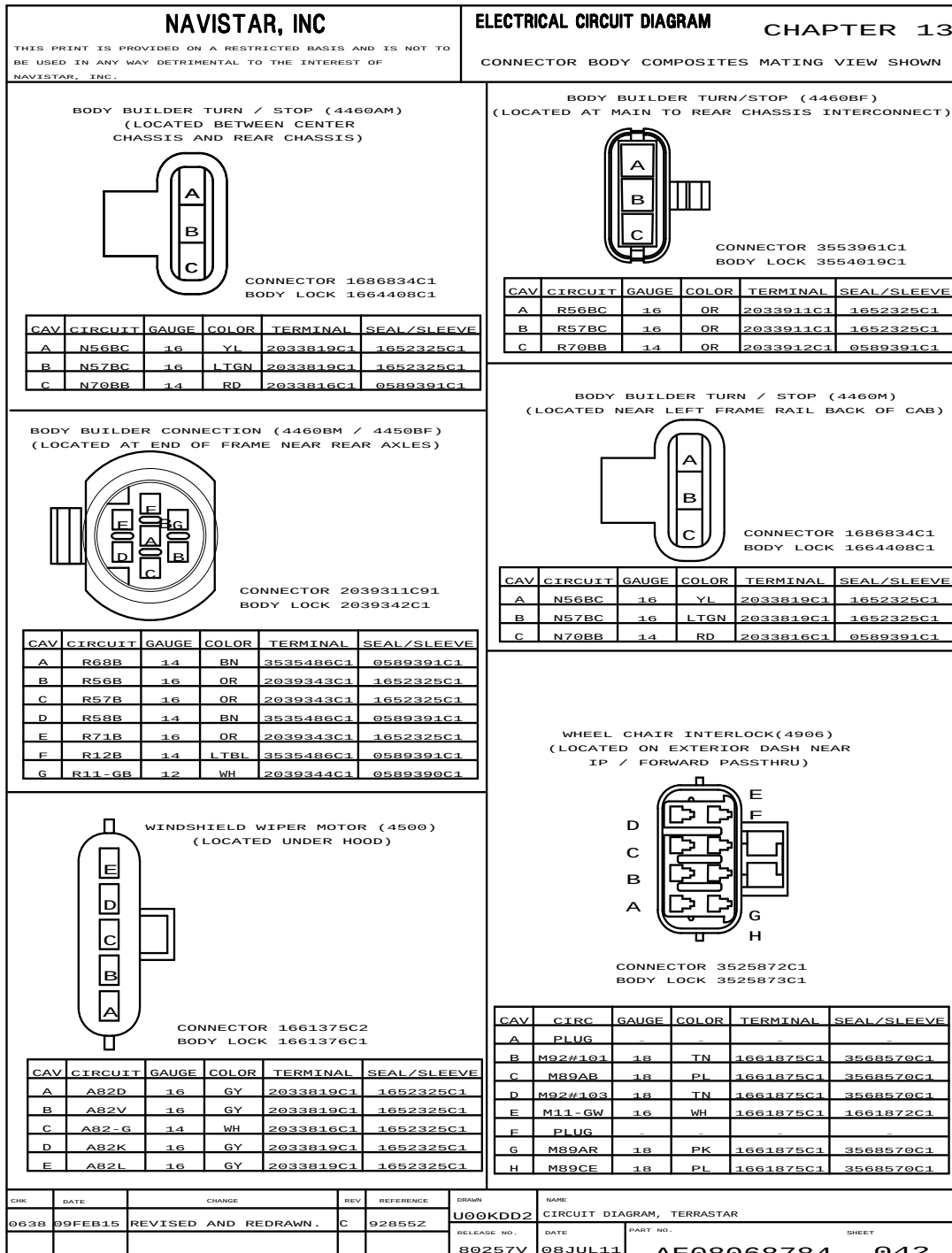


Figure 204 Connector Body Composites (4460AM / 4460BF / 4460BM / 4450BF / 4460M / 4500 / 4906)

## 13.52. CONNECTOR BODY COMPOSITES (6011 / 6020M), P. 43

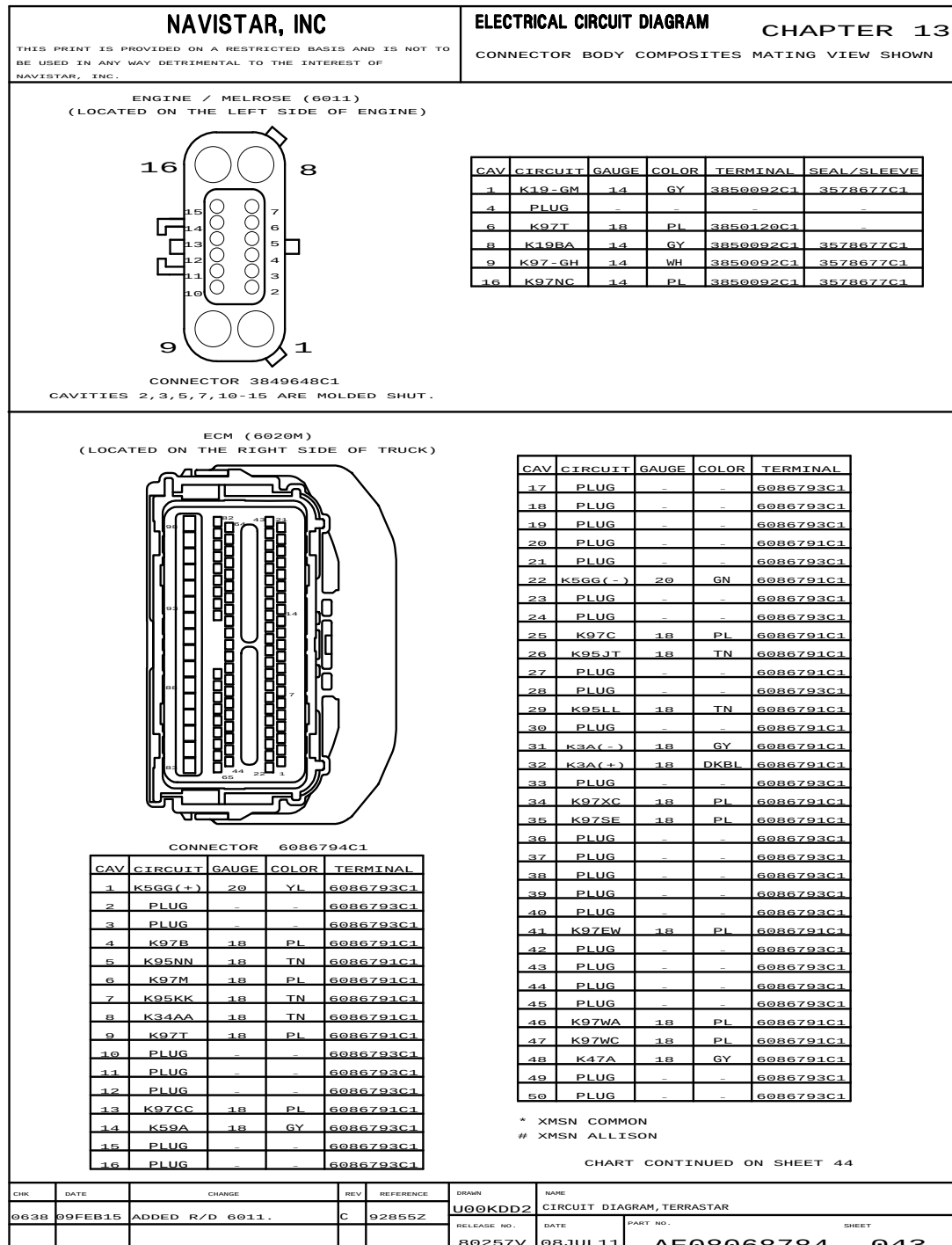


Figure 205 Connector Body Composites (6011 / 6020M)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.53. CONNECTOR BODY COMPOSITES (6020M), P. 44

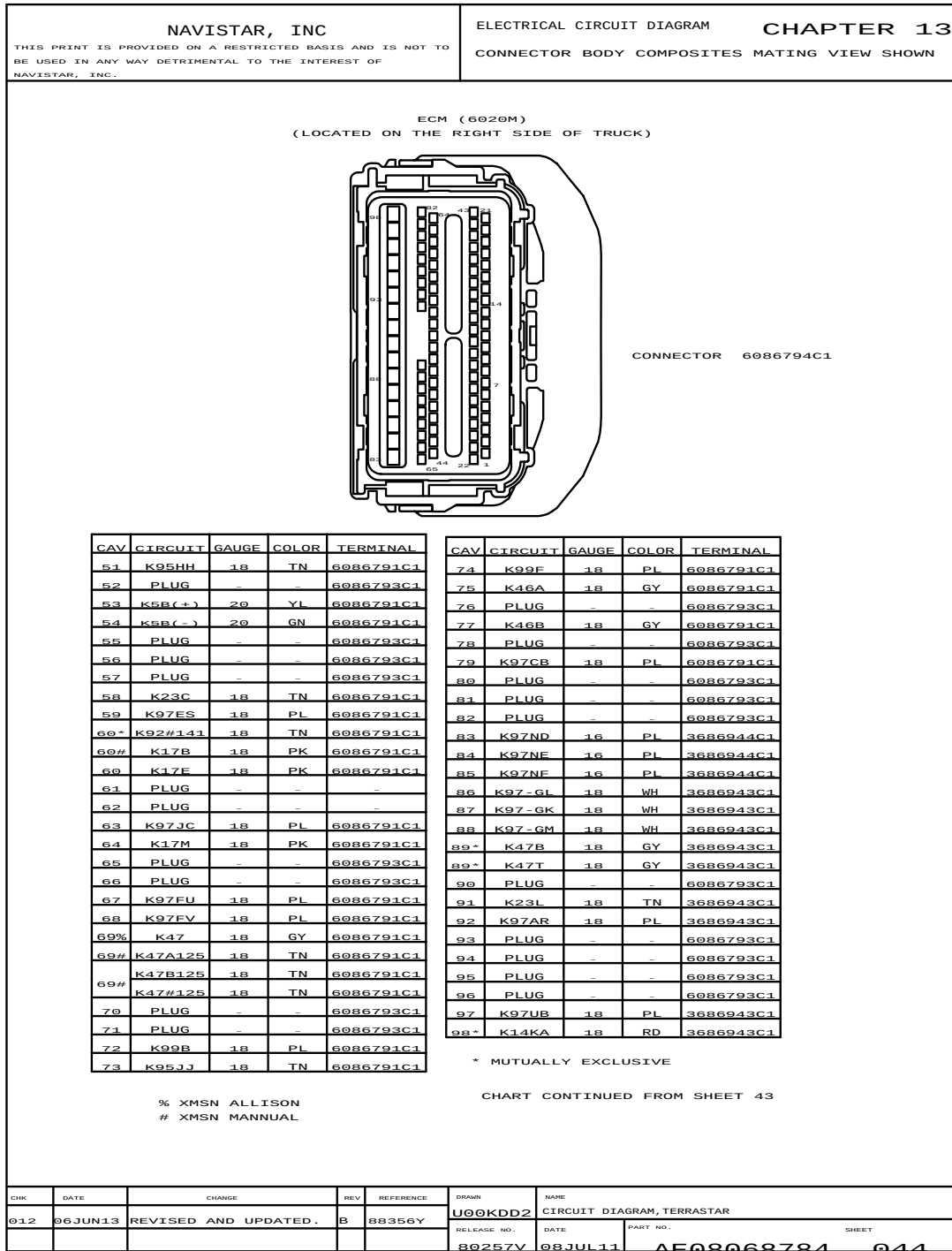
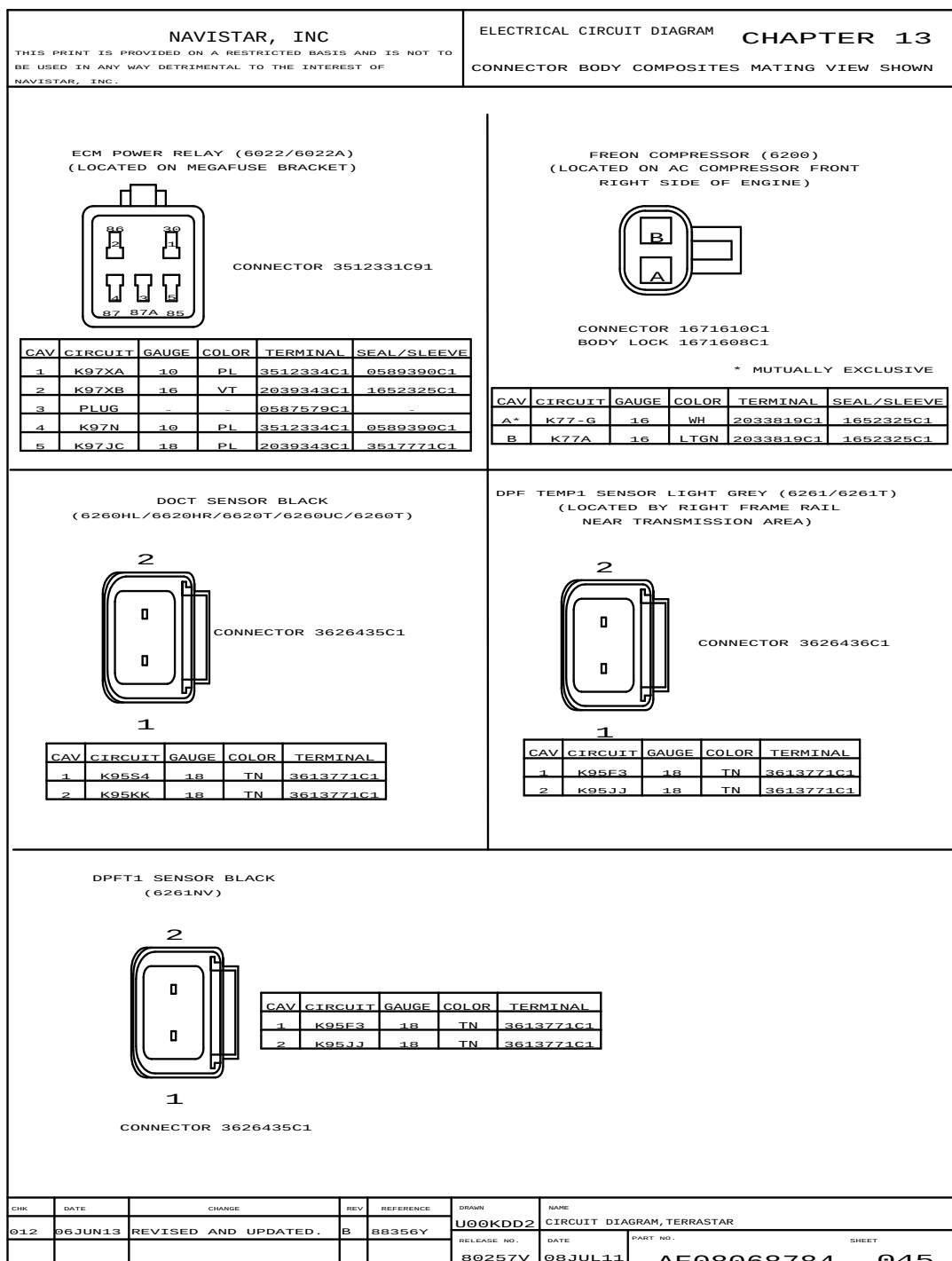


Figure 206 Connector Body Composites (6020M)

### 13.54. CONNECTOR BODY COMPOSITES (6022 / 6022A / 6200 / 6260HL / 6620HR / 6620T / 6260UC / 6260T / 6261 / 6261T / 6261NV), P. 45



**Figure 207 Connector Body Composites (6022 / 6022A / 6200 / 6260HL / 6620HR / 6620T / 6260UC / 6260T / 6261 / 6261T / 6261NV)**

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.55. CONNECTOR BODY COMPOSITES (6262 / 6262NV / 6262T / 6263 / 6263NV / 6263T / 6322), P. 45A

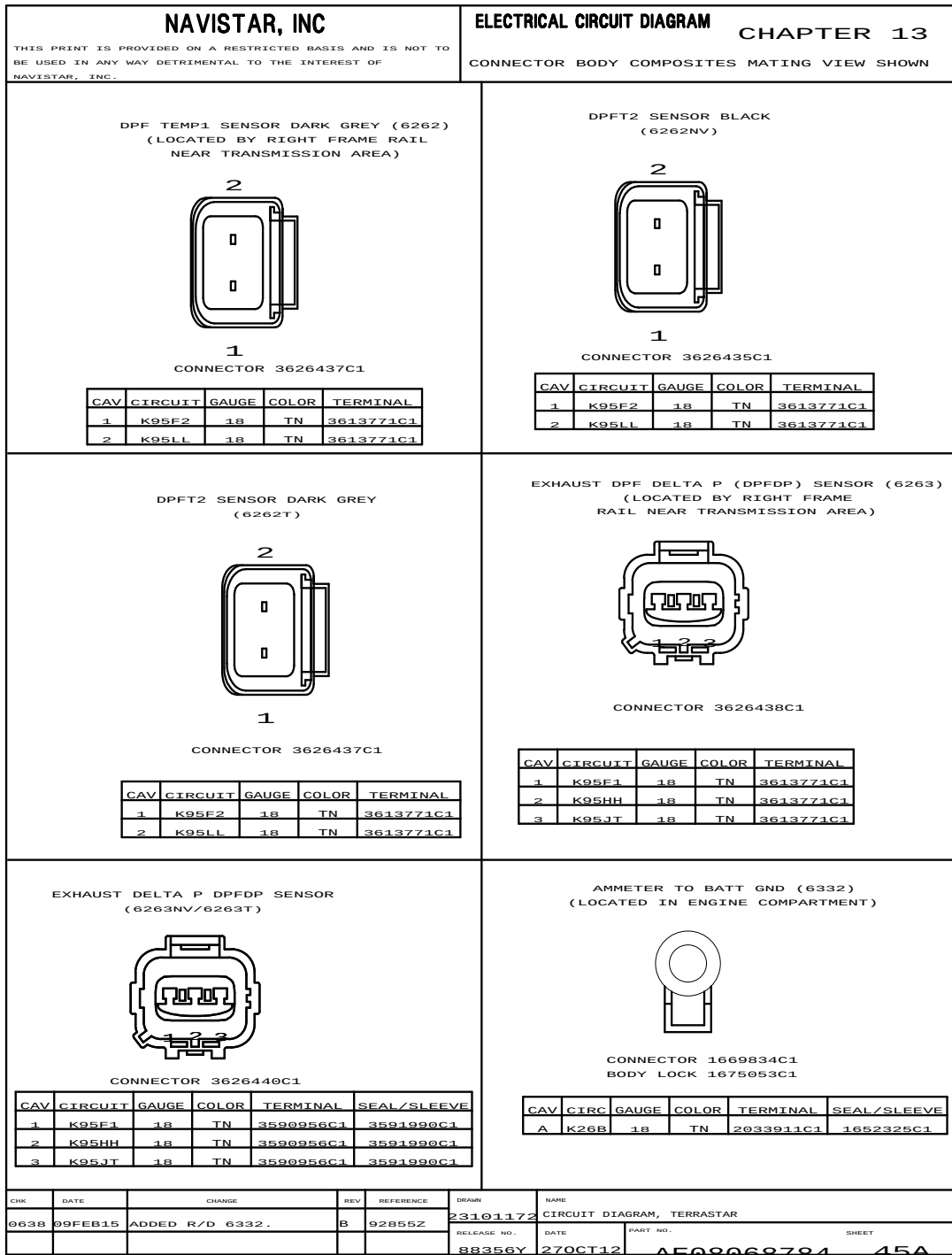


Figure 208 Connector Body Composites (6262 / 6262NV / 6262T / 6263 / 6263NV / 6263T / 6322)



## ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.56. CONNECTOR BODY COMPOSITES (6333 / 6334 / 6400 / 6405 / 6561 / 6704M),  
P. 46

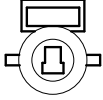
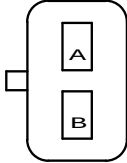
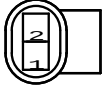
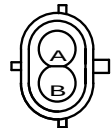
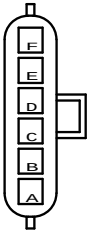
| NAVISTAR, INC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                 |       |            | ELECTRICAL CIRCUIT DIAGRAM                                                                                                                                                                                                                                       |                            | CHAPTER 13 |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------|-------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------|-------|-----------|-------------|------|--------|---------|-----------------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------|----|-----------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------|-------------|-----|---------|-------|------------|-----------|-------------|----|-------|----|----|-----------|-----------|----|---------|----|----|-----------|-----------|----|---------|----|----|-----------|-----------|---|--------|----|----|-----------|-----------|---|-------|----|----|-----------|-----------|---|--------|----|----|-----------|-----------|
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| <b>AMMETER TO BATT GND (6333)</b><br>(LOCATED IN ENGINE COMPARTMENT)<br><br>CONNECTOR 1664531C1<br>BODY LOCK 1675053C1                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                 |       |            | <b>2-WAY RADIO BATTERY POWER (6334)</b><br>(LOCATED IN ENGINE AREA<br>NEAR IP / ENGINE INTERCONNECT)<br><br>* MUTUALLY EXCLUSIVE<br>CONNECTOR 1671610C1<br>BODY LOCK 1671608C1 |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K26A</td> <td>18</td> <td>TN</td> <td>2033819C1</td> <td>0589391C1</td> </tr> </tbody> </table>                                                                                                                                                                                                                                                                                           |         |                 |       |            | CAV                                                                                                                                                                                                                                                              | CIRCUIT                    | GAUGE      | COLOR | TERMINAL  | SEAL/SLEEVE | A    | K26A   | 18      | TN              | 2033819C1 | 0589391C1 | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A*</td> <td>A14HC</td> <td>16</td> <td>RD</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>A*</td> <td>A14HF</td> <td>16</td> <td>RD</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B*</td> <td>A11-GAP</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B*</td> <td>A11-GAP</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> |                            |             |    | CAV       | CIRCUIT   | GAUGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | COLOR | TERMINAL | SEAL/SLEEVE | A*  | A14HC   | 16    | RD         | 2033819C1 | 1652325C1   | A* | A14HF | 16 | RD | 2033819C1 | 1652325C1 | B* | A11-GAP | 16 | WH | 2033819C1 | 1652325C1 | B* | A11-GAP | 16 | WH | 2033819C1 | 1652325C1 |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CIRCUIT | GAUGE           | COLOR | TERMINAL   | SEAL/SLEEVE                                                                                                                                                                                                                                                      |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | K26A    | 18              | TN    | 2033819C1  | 0589391C1                                                                                                                                                                                                                                                        |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CIRCUIT | GAUGE           | COLOR | TERMINAL   | SEAL/SLEEVE                                                                                                                                                                                                                                                      |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| A*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A14HC   | 16              | RD    | 2033819C1  | 1652325C1                                                                                                                                                                                                                                                        |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| A*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A14HF   | 16              | RD    | 2033819C1  | 1652325C1                                                                                                                                                                                                                                                        |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| B*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A11-GAP | 16              | WH    | 2033819C1  | 1652325C1                                                                                                                                                                                                                                                        |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| B*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A11-GAP | 16              | WH    | 2033819C1  | 1652325C1                                                                                                                                                                                                                                                        |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| <b>COOLANT LEVEL SENSOR (6400)</b><br>(LOCATED ON SURGE TANK)<br><br>CONNECTOR 3554317C1                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                 |       |            | <b>FUEL COOLER SOLENOID (6405)</b><br>(LOCATED ON LEFT SIDE OF RADIATOR)<br><br>CONNECTOR 3582941C1                                                                           |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
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| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CIRCUIT | GAUGE           | COLOR | TERMINAL   | SEAL/SLEEVE                                                                                                                                                                                                                                                      |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | K34-GG  | 18              | WH    | 3554322C1  | 3554318C1                                                                                                                                                                                                                                                        |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | K34AA   | 18              | TN    | 3554322C1  | 3554318C1                                                                                                                                                                                                                                                        |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CIRCUIT | GAUGE           | COLOR | TERMINAL   | SEAL/SLEEVE                                                                                                                                                                                                                                                      |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | K59A    | 18              | GY    | 1667742C1  | 3568570C1                                                                                                                                                                                                                                                        |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| B*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | K97D    | 16              | PL    | 1667742C1  | 1661872C1                                                                                                                                                                                                                                                        |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| <b>E-FAN(6561)</b><br>(LOCATED AT ENGINE FAN)<br><br>CONNECTOR 3522068C1<br>BODY LOCK 1661874C1                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                 |       |            | <b>GROUND ADAPTER (6704M)</b><br>(LOCATED NEAR THE ENGINE ECM CONNECTION)<br><br>CONNECTOR 3551896C1<br>BODY LOCK 3551897C1                                                 |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
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| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CIRCUIT | GAUGE           | COLOR | TERMINAL   | SEAL/SLEEVE                                                                                                                                                                                                                                                      |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | K23D    | 16              | TN    | 1661875C1  | 1661872C1                                                                                                                                                                                                                                                        |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | K10-GG  | 16              | WH    | 1661875C1  | 1661872C1                                                                                                                                                                                                                                                        |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CIRCUIT | GAUGE           | COLOR | TERMINAL   | SEAL/SLEEVE                                                                                                                                                                                                                                                      |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PLUG    | -               | -     | 0587579C1  | -                                                                                                                                                                                                                                                                |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | K77-G   | 16              | WH    | 2033819C1  | 1652325C1                                                                                                                                                                                                                                                        |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | K10-GB  | 14              | WH    | 2033816C1  | 0589391C1                                                                                                                                                                                                                                                        |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | K10-GG  | 16              | WH    | 2033819C1  | 1652325C1                                                                                                                                                                                                                                                        |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | K77-G   | 16              | WH    | 2033819C1  | 1652325C1                                                                                                                                                                                                                                                        |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | K77-GA  | 16              | WH    | 2033819C1  | 1652325C1                                                                                                                                                                                                                                                        |                            |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>0638</td> <td>09FEB15</td> <td>ADDED R/D 6333.</td> <td>C</td> <td>92855Z</td> <td>U00KDD2</td> <td>CIRCUIT DIAGRAM, TERRASTAR</td> </tr> <tr> <td colspan="2">RELEASE NO.</td> <td colspan="2">DATE</td> <td colspan="2">PART NO.</td> <td>SHEET</td> </tr> <tr> <td colspan="2">80257V</td> <td colspan="2">08JUL11</td> <td colspan="2">AE08068784</td> <td>046</td> </tr> </tbody> </table> |         |                 |       |            | CHK                                                                                                                                                                                                                                                              | DATE                       | CHANGE     | REV   | REFERENCE | DRAWN       | NAME | 0638   | 09FEB15 | ADDED R/D 6333. | C         | 92855Z    | U00KDD2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CIRCUIT DIAGRAM, TERRASTAR | RELEASE NO. |    | DATE      |           | PART NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       | SHEET    | 80257V      |     | 08JUL11 |       | AE08068784 |           | 046         |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| CHK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DATE    | CHANGE          | REV   | REFERENCE  | DRAWN                                                                                                                                                                                                                                                            | NAME                       |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| 0638                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 09FEB15 | ADDED R/D 6333. | C     | 92855Z     | U00KDD2                                                                                                                                                                                                                                                          | CIRCUIT DIAGRAM, TERRASTAR |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| RELEASE NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         | DATE            |       | PART NO.   |                                                                                                                                                                                                                                                                  | SHEET                      |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |
| 80257V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         | 08JUL11         |       | AE08068784 |                                                                                                                                                                                                                                                                  | 046                        |            |       |           |             |      |        |         |                 |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |             |    |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |             |     |         |       |            |           |             |    |       |    |    |           |           |    |         |    |    |           |           |    |         |    |    |           |           |   |        |    |    |           |           |   |       |    |    |           |           |   |        |    |    |           |           |

Figure 209 Connector Body Composites (6333 / 6334 / 6400 / 6405 / 6561 / 6704M)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.57. CONNECTOR BODY COMPOSITES (6747 / 6900 / 7100 / 7103M), P. 47

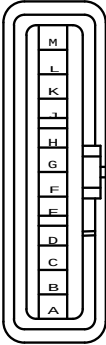
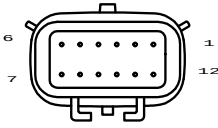
| NAVISTAR, INC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |                      |       |            | ELECTRICAL CIRCUIT DIAGRAM                  |                            | CHAPTER 13 |       |          |         |       |       |          |             |    |         |    |    |           |           |      |        |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |    |       |     |         |           |           |          |       |      |    |           |           |   |        |    |    |           |   |        |      |    |           |           |        |    |      |           |   |           |    |    |           |   |      |           |   |   |     |      |    |           |           |   |        |    |    |           |           |        |     |    |           |           |           |    |     |           |    |           |           |    |           |    |        |    |    |           |
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| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                      |       |            | CONNECTOR BODY COMPOSITES MATING VIEW SHOWN |                            |            |       |          |         |       |       |          |             |    |         |    |    |           |           |      |        |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |    |       |     |         |           |           |          |       |      |    |           |           |   |        |    |    |           |   |        |      |    |           |           |        |    |      |           |   |           |    |    |           |   |      |           |   |   |     |      |    |           |           |   |        |    |    |           |           |        |     |    |           |           |           |    |     |           |    |           |           |    |           |    |        |    |    |           |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center; font-size: small;">ECM ZERO VOLT REFERENCE (6747)<br/>(LOCATED NEAR THE ENGINE ECM CONNECTION)</p>  <p style="text-align: center; font-size: small;">CONNECTOR 3543733C1<br/>BODY LOCK 3543732C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A*</td><td>K95NN</td><td>18</td><td>TN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>B</td><td>K34-GG</td><td>18</td><td>WH</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>C*</td><td>K95A1</td><td>18</td><td>TN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>D*</td><td>K95S4</td><td>18</td><td>TN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>E</td><td>PLUG</td><td>-</td><td>-</td><td>3535425C1</td><td>-</td></tr> <tr><td>F</td><td>PLUG</td><td>-</td><td>-</td><td>3535425C1</td><td>-</td></tr> <tr><td>G</td><td>PLUG</td><td>-</td><td>-</td><td>3535425C1</td><td>-</td></tr> <tr><td>H</td><td>PLUG</td><td>-</td><td>-</td><td>3535425C1</td><td>-</td></tr> <tr><td>J</td><td>K9E</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>K</td><td>K9TS</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>L</td><td>K9A</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>M</td><td>K9T</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">* MUTUALLY EXCLUSIVE</p> </div> </div> |         |                      |       |            |                                             |                            |            |       | CAV      | CIRCUIT | GAUGE | COLOR | TERMINAL | SEAL/SLEEVE | A* | K95NN   | 18 | TN | 3535303C1 | 3535424C1 | B    | K34-GG | 18   | WH        | 3535303C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3535424C1 | C* | K95A1 | 18  | TN      | 3535303C1 | 3535424C1 | D*       | K95S4 | 18   | TN | 3535303C1 | 3535424C1 | E | PLUG   | -  | -  | 3535425C1 | - | F      | PLUG | -  | -         | 3535425C1 | -      | G  | PLUG | -         | - | 3535425C1 | -  | H  | PLUG      | - | -    | 3535425C1 | - | J | K9E | 18   | GY | 3535303C1 | 3535424C1 | K | K9TS   | 18 | GY | 3535303C1 | 3535424C1 | L      | K9A | 18 | GY        | 3535303C1 | 3535424C1 | M  | K9T | 18        | GY | 3535303C1 | 3535424C1 |    |           |    |        |    |    |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | CIRCUIT | GAUGE                | COLOR | TERMINAL   | SEAL/SLEEVE                                 |                            |            |       |          |         |       |       |          |             |    |         |    |    |           |           |      |        |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |    |       |     |         |           |           |          |       |      |    |           |           |   |        |    |    |           |   |        |      |    |           |           |        |    |      |           |   |           |    |    |           |   |      |           |   |   |     |      |    |           |           |   |        |    |    |           |           |        |     |    |           |           |           |    |     |           |    |           |           |    |           |    |        |    |    |           |
| A*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | K95NN   | 18                   | TN    | 3535303C1  | 3535424C1                                   |                            |            |       |          |         |       |       |          |             |    |         |    |    |           |           |      |        |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |    |       |     |         |           |           |          |       |      |    |           |           |   |        |    |    |           |   |        |      |    |           |           |        |    |      |           |   |           |    |    |           |   |      |           |   |   |     |      |    |           |           |   |        |    |    |           |           |        |     |    |           |           |           |    |     |           |    |           |           |    |           |    |        |    |    |           |
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| C*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | K95A1   | 18                   | TN    | 3535303C1  | 3535424C1                                   |                            |            |       |          |         |       |       |          |             |    |         |    |    |           |           |      |        |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |    |       |     |         |           |           |          |       |      |    |           |           |   |        |    |    |           |   |        |      |    |           |           |        |    |      |           |   |           |    |    |           |   |      |           |   |   |     |      |    |           |           |   |        |    |    |           |           |        |     |    |           |           |           |    |     |           |    |           |           |    |           |    |        |    |    |           |
| D*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | K95S4   | 18                   | TN    | 3535303C1  | 3535424C1                                   |                            |            |       |          |         |       |       |          |             |    |         |    |    |           |           |      |        |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |    |       |     |         |           |           |          |       |      |    |           |           |   |        |    |    |           |   |        |      |    |           |           |        |    |      |           |   |           |    |    |           |   |      |           |   |   |     |      |    |           |           |   |        |    |    |           |           |        |     |    |           |           |           |    |     |           |    |           |           |    |           |    |        |    |    |           |
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| <p style="text-align: center; font-size: small;">2 WAY RADIO OVERHEAD (6900)<br/>(LOCATED IN INSTRUMENT PANEL LEFT SIDE)</p>  <p style="text-align: center; font-size: small;">CONNECTOR 1661198C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A14HF</td><td>16</td><td>RD</td><td>1661208C1</td></tr> <tr><td>B</td><td>A11-GAP</td><td>16</td><td>WH</td><td>1661208C1</td></tr> <tr><td>C</td><td>A86P</td><td>16</td><td>LTGN</td><td>1661208C1</td></tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |                      |       |            | CAV                                         | CIRCUIT                    | GAUGE      | COLOR | TERMINAL | A       | A14HF | 16    | RD       | 1661208C1   | B  | A11-GAP | 16 | WH | 1661208C1 | C         | A86P | 16     | LTGN | 1661208C1 | <p style="text-align: center; font-size: small;">POWERTRAIN A/T<br/>INTERCONNECT (7100)</p>  <p style="text-align: center; font-size: small;">CONNECTOR 3959005C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>KS95S4</td><td>18</td><td>TN</td><td>3850120C1</td></tr> <tr><td>3</td><td>KS95KK</td><td>18</td><td>TN</td><td>3850120C1</td></tr> <tr><td>4</td><td>KS95F3</td><td>18</td><td>TN</td><td>3850120C1</td></tr> <tr><td>5</td><td>KS95JJ</td><td>18</td><td>TN</td><td>3850120C1</td></tr> <tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>8</td><td>KS95F1</td><td>18</td><td>TN</td><td>3850120C1</td></tr> <tr><td>9</td><td>KS95HH</td><td>18</td><td>TN</td><td>3850120C1</td></tr> <tr><td>10</td><td>KS95JT</td><td>18</td><td>TN</td><td>3850120C1</td></tr> <tr><td>11</td><td>KS95F2</td><td>18</td><td>TN</td><td>3850120C1</td></tr> <tr><td>12</td><td>KS95LL</td><td>18</td><td>TN</td><td>3850120C1</td></tr> </tbody> </table> |           |    |       | CAV | CIRCUIT | GAUGE     | COLOR     | TERMINAL | 1     | PLUG | -  | -         | -         | 2 | KS95S4 | 18 | TN | 3850120C1 | 3 | KS95KK | 18   | TN | 3850120C1 | 4         | KS95F3 | 18 | TN   | 3850120C1 | 5 | KS95JJ    | 18 | TN | 3850120C1 | 6 | PLUG | -         | - | - | 7   | PLUG | -  | -         | -         | 8 | KS95F1 | 18 | TN | 3850120C1 | 9         | KS95HH | 18  | TN | 3850120C1 | 10        | KS95JT    | 18 | TN  | 3850120C1 | 11 | KS95F2    | 18        | TN | 3850120C1 | 12 | KS95LL | 18 | TN | 3850120C1 |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | CIRCUIT | GAUGE                | COLOR | TERMINAL   |                                             |                            |            |       |          |         |       |       |          |             |    |         |    |    |           |           |      |        |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |    |       |     |         |           |           |          |       |      |    |           |           |   |        |    |    |           |   |        |      |    |           |           |        |    |      |           |   |           |    |    |           |   |      |           |   |   |     |      |    |           |           |   |        |    |    |           |           |        |     |    |           |           |           |    |     |           |    |           |           |    |           |    |        |    |    |           |
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| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | KS95F1  | 18                   | TN    | 3850120C1  |                                             |                            |            |       |          |         |       |       |          |             |    |         |    |    |           |           |      |        |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |    |       |     |         |           |           |          |       |      |    |           |           |   |        |    |    |           |   |        |      |    |           |           |        |    |      |           |   |           |    |    |           |   |      |           |   |   |     |      |    |           |           |   |        |    |    |           |           |        |     |    |           |           |           |    |     |           |    |           |           |    |           |    |        |    |    |           |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | KS95HH  | 18                   | TN    | 3850120C1  |                                             |                            |            |       |          |         |       |       |          |             |    |         |    |    |           |           |      |        |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |    |       |     |         |           |           |          |       |      |    |           |           |   |        |    |    |           |   |        |      |    |           |           |        |    |      |           |   |           |    |    |           |   |      |           |   |   |     |      |    |           |           |   |        |    |    |           |           |        |     |    |           |           |           |    |     |           |    |           |           |    |           |    |        |    |    |           |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | KS95JT  | 18                   | TN    | 3850120C1  |                                             |                            |            |       |          |         |       |       |          |             |    |         |    |    |           |           |      |        |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |    |       |     |         |           |           |          |       |      |    |           |           |   |        |    |    |           |   |        |      |    |           |           |        |    |      |           |   |           |    |    |           |   |      |           |   |   |     |      |    |           |           |   |        |    |    |           |           |        |     |    |           |           |           |    |     |           |    |           |           |    |           |    |        |    |    |           |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | KS95F2  | 18                   | TN    | 3850120C1  |                                             |                            |            |       |          |         |       |       |          |             |    |         |    |    |           |           |      |        |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |    |       |     |         |           |           |          |       |      |    |           |           |   |        |    |    |           |   |        |      |    |           |           |        |    |      |           |   |           |    |    |           |   |      |           |   |   |     |      |    |           |           |   |        |    |    |           |           |        |     |    |           |           |           |    |     |           |    |           |           |    |           |    |        |    |    |           |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | KS95LL  | 18                   | TN    | 3850120C1  |                                             |                            |            |       |          |         |       |       |          |             |    |         |    |    |           |           |      |        |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |    |       |     |         |           |           |          |       |      |    |           |           |   |        |    |    |           |   |        |      |    |           |           |        |    |      |           |   |           |    |    |           |   |      |           |   |   |     |      |    |           |           |   |        |    |    |           |           |        |     |    |           |           |           |    |     |           |    |           |           |    |           |    |        |    |    |           |
| <p style="text-align: center; font-size: small;">2 SPEED AXLE BOOT<br/>CONNECTOR<br/>(7103M)</p>  <p style="text-align: center; font-size: small;">CONNECTOR 1661198C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>K93</td><td>18</td><td>TN</td><td>1661208C1</td></tr> <tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>K9TS</td><td>18</td><td>GY</td><td>1661208C1</td></tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                      |       |            | CAV                                         | CIRCUIT                    | GAUGE      | COLOR | TERMINAL | A       | K93   | 18    | TN       | 1661208C1   | B  | -       | -  | -  | -         | C         | K9TS | 18     | GY   | 1661208C1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |    |       |     |         |           |           |          |       |      |    |           |           |   |        |    |    |           |   |        |      |    |           |           |        |    |      |           |   |           |    |    |           |   |      |           |   |   |     |      |    |           |           |   |        |    |    |           |           |        |     |    |           |           |           |    |     |           |    |           |           |    |           |    |        |    |    |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | CIRCUIT | GAUGE                | COLOR | TERMINAL   |                                             |                            |            |       |          |         |       |       |          |             |    |         |    |    |           |           |      |        |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |    |       |     |         |           |           |          |       |      |    |           |           |   |        |    |    |           |   |        |      |    |           |           |        |    |      |           |   |           |    |    |           |   |      |           |   |   |     |      |    |           |           |   |        |    |    |           |           |        |     |    |           |           |           |    |     |           |    |           |           |    |           |    |        |    |    |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | K93     | 18                   | TN    | 1661208C1  |                                             |                            |            |       |          |         |       |       |          |             |    |         |    |    |           |           |      |        |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |    |       |     |         |           |           |          |       |      |    |           |           |   |        |    |    |           |   |        |      |    |           |           |        |    |      |           |   |           |    |    |           |   |      |           |   |   |     |      |    |           |           |   |        |    |    |           |           |        |     |    |           |           |           |    |     |           |    |           |           |    |           |    |        |    |    |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -       | -                    | -     | -          |                                             |                            |            |       |          |         |       |       |          |             |    |         |    |    |           |           |      |        |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |    |       |     |         |           |           |          |       |      |    |           |           |   |        |    |    |           |   |        |      |    |           |           |        |    |      |           |   |           |    |    |           |   |      |           |   |   |     |      |    |           |           |   |        |    |    |           |           |        |     |    |           |           |           |    |     |           |    |           |           |    |           |    |        |    |    |           |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | K9TS    | 18                   | GY    | 1661208C1  |                                             |                            |            |       |          |         |       |       |          |             |    |         |    |    |           |           |      |        |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |    |       |     |         |           |           |          |       |      |    |           |           |   |        |    |    |           |   |        |      |    |           |           |        |    |      |           |   |           |    |    |           |   |      |           |   |   |     |      |    |           |           |   |        |    |    |           |           |        |     |    |           |           |           |    |     |           |    |           |           |    |           |    |        |    |    |           |
| CHK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | DATE    | CHANGE               | REV   | REFERENCE  | DRAWN                                       | NAME                       |            |       |          |         |       |       |          |             |    |         |    |    |           |           |      |        |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |    |       |     |         |           |           |          |       |      |    |           |           |   |        |    |    |           |   |        |      |    |           |           |        |    |      |           |   |           |    |    |           |   |      |           |   |   |     |      |    |           |           |   |        |    |    |           |           |        |     |    |           |           |           |    |     |           |    |           |           |    |           |    |        |    |    |           |
| 012                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 06JUN13 | REVISED AND UPDATED. | C     | 88356Y     | U00KDD2                                     | CIRCUIT DIAGRAM, TERRASTAR |            |       |          |         |       |       |          |             |    |         |    |    |           |           |      |        |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |    |       |     |         |           |           |          |       |      |    |           |           |   |        |    |    |           |   |        |      |    |           |           |        |    |      |           |   |           |    |    |           |   |      |           |   |   |     |      |    |           |           |   |        |    |    |           |           |        |     |    |           |           |           |    |     |           |    |           |           |    |           |    |        |    |    |           |
| RELEASE NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         | DATE                 |       | PART NO.   |                                             | SHEET                      |            |       |          |         |       |       |          |             |    |         |    |    |           |           |      |        |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |    |       |     |         |           |           |          |       |      |    |           |           |   |        |    |    |           |   |        |      |    |           |           |        |    |      |           |   |           |    |    |           |   |      |           |   |   |     |      |    |           |           |   |        |    |    |           |           |        |     |    |           |           |           |    |     |           |    |           |           |    |           |    |        |    |    |           |
| 80257V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         | 18JUL11              |       | AE08068784 |                                             | 047                        |            |       |          |         |       |       |          |             |    |         |    |    |           |           |      |        |      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |    |       |     |         |           |           |          |       |      |    |           |           |   |        |    |    |           |   |        |      |    |           |           |        |    |      |           |   |           |    |    |           |   |      |           |   |   |     |      |    |           |           |   |        |    |    |           |           |        |     |    |           |           |           |    |     |           |    |           |           |    |           |    |        |    |    |           |

Figure 210 Connector Body Composites (6747 / 6900 / 7100 / 7103M)

## 13.58. CONNECTOR BODY COMPOSITES (7150), P. 47A

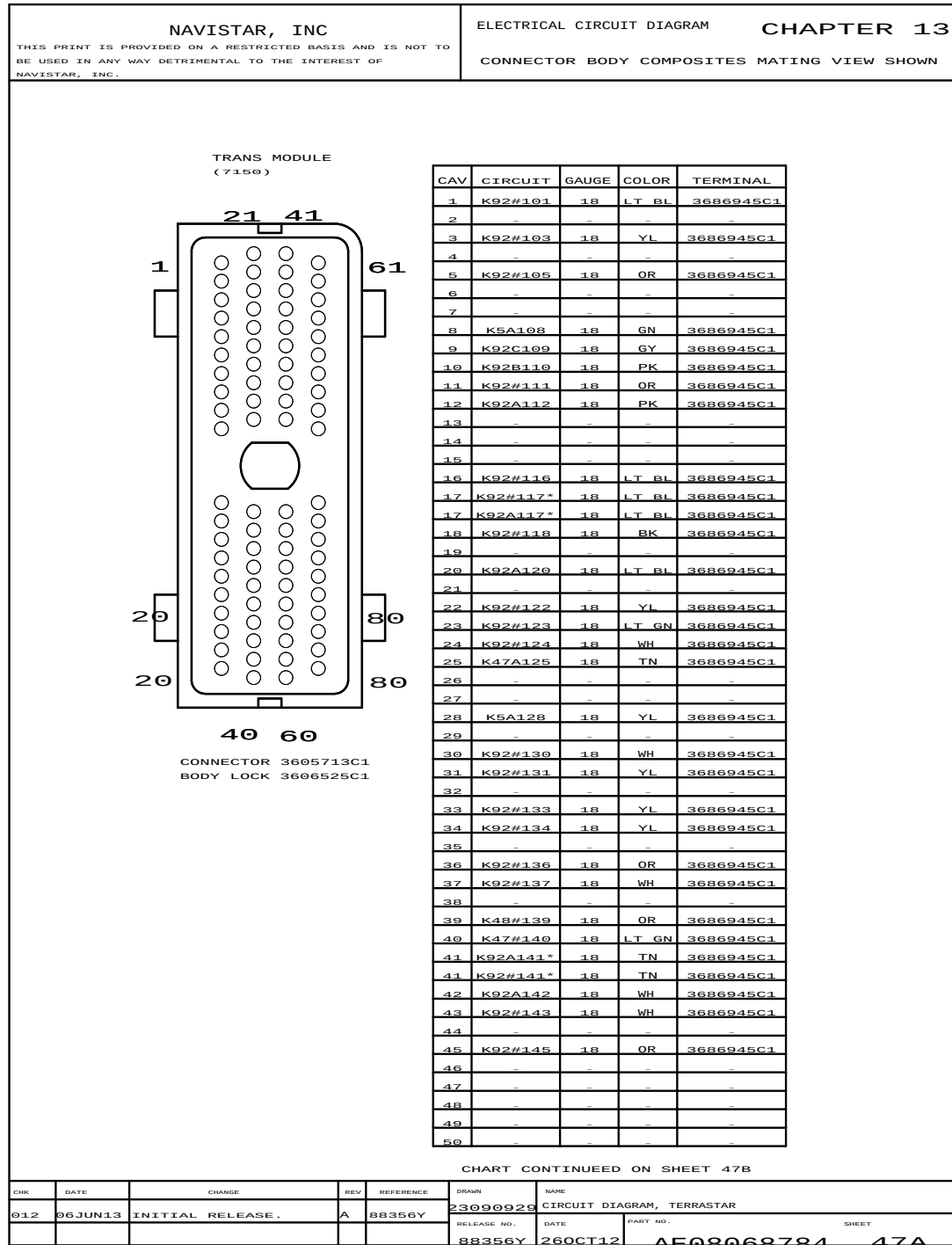


Figure 211 Connector Body Composites (7150)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.59. CONNECTOR BODY COMPOSITES (7150), P. 47B

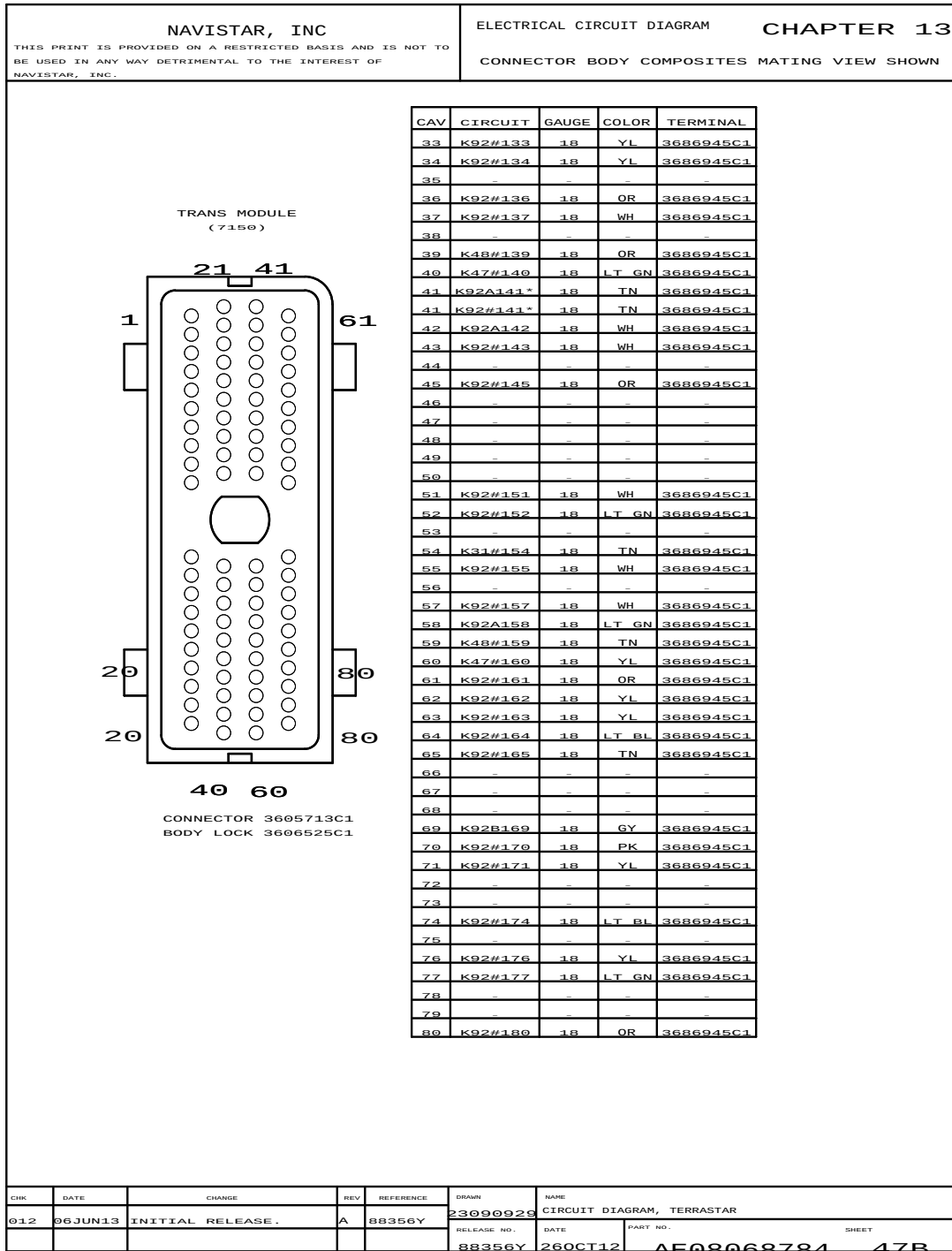


Figure 212 Connector Body Composites (7150)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.60. CONNECTOR BODY COMPOSITES (7151), P. 48

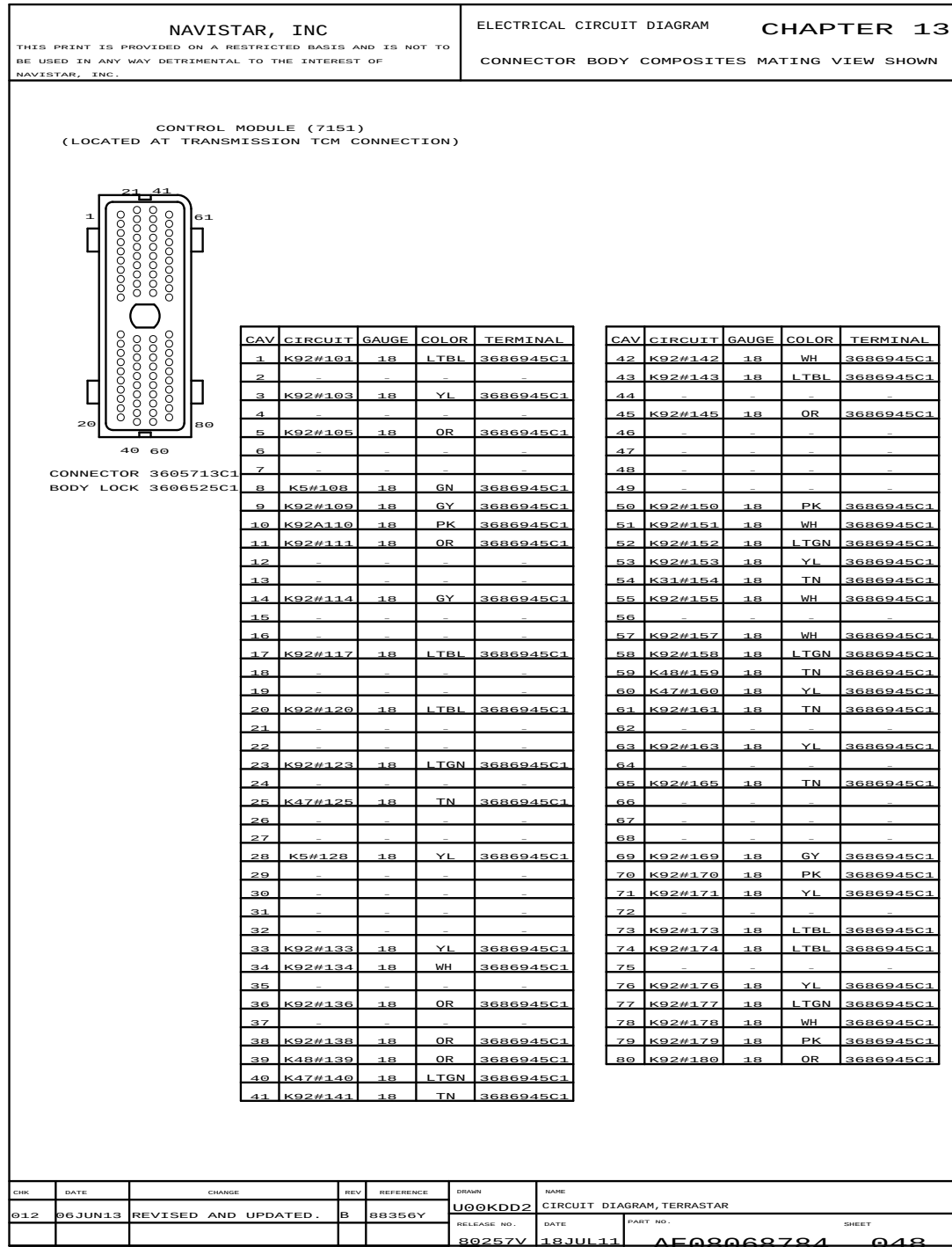


Figure 213 Connector Body Composites (7151)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.61. CONNECTOR BODY COMPOSITES (7205F / 7206F / 7207M / 7207MA), P. 49

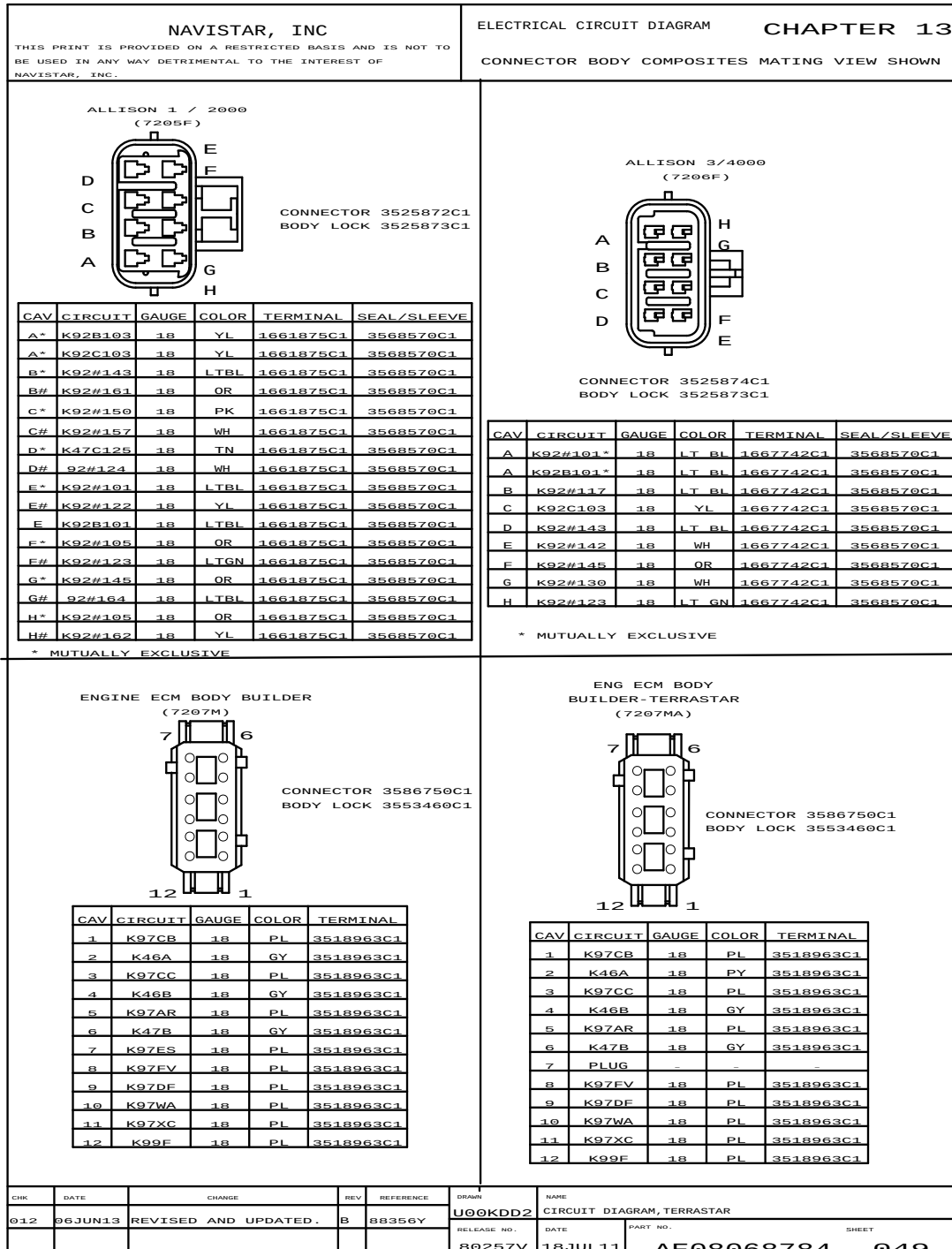


Figure 214 Connector Body Composites (7205F / 7206F / 7207M / 7207MA)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.62. CONNECTOR BODY COMPOSITES (7208M / 7208A / 7250M / 7350 / 7500M / 7600M), P. 49A

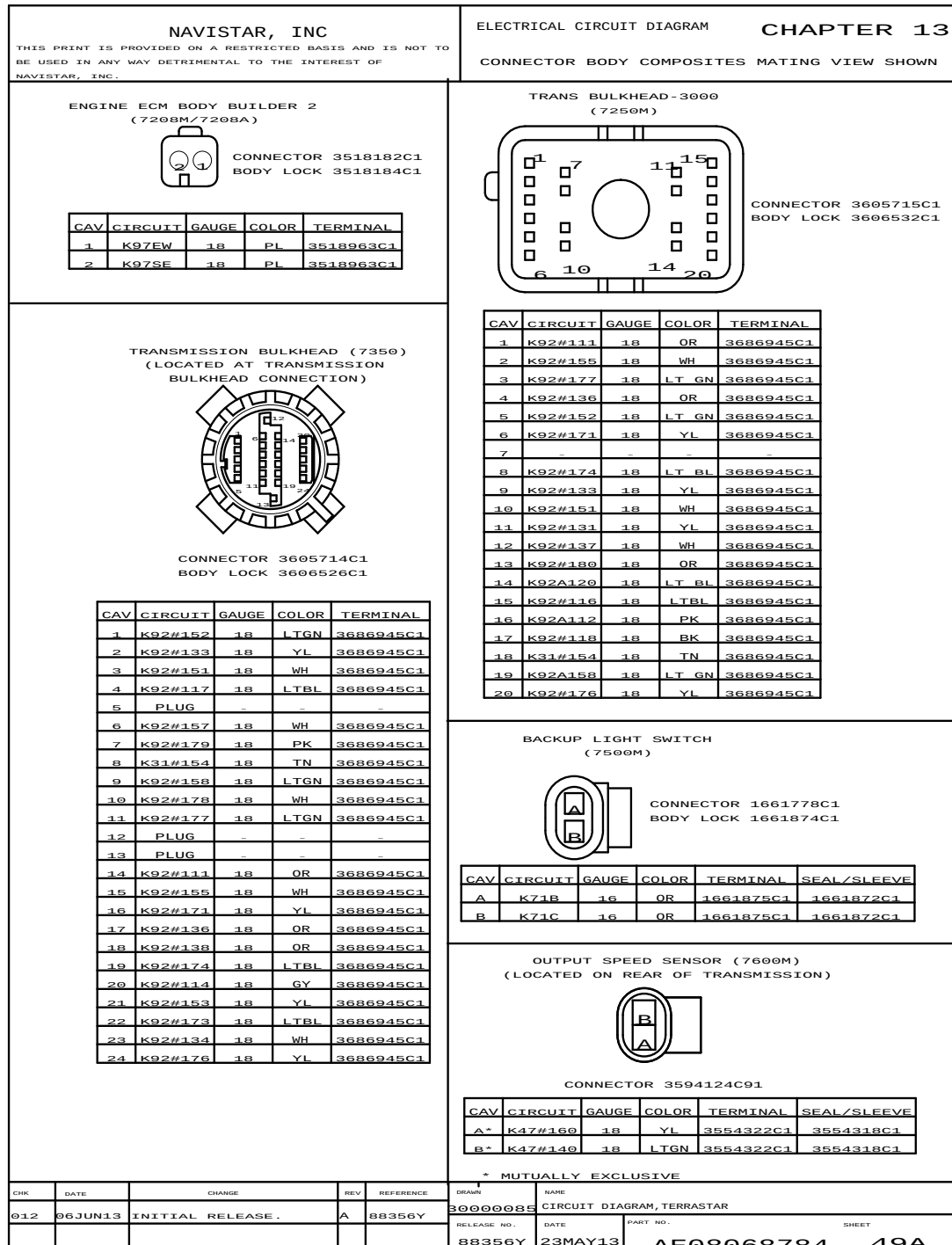


Figure 215 Connector Body Composites (7208M / 7208A / 7250M / 7350 / 7500M / 7600M)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.63. CONNECTOR BODY COMPOSITES (7601M / 7603M / 7604M / 7605M / 7607M / 7611 / 7700M / 7710), P. 50

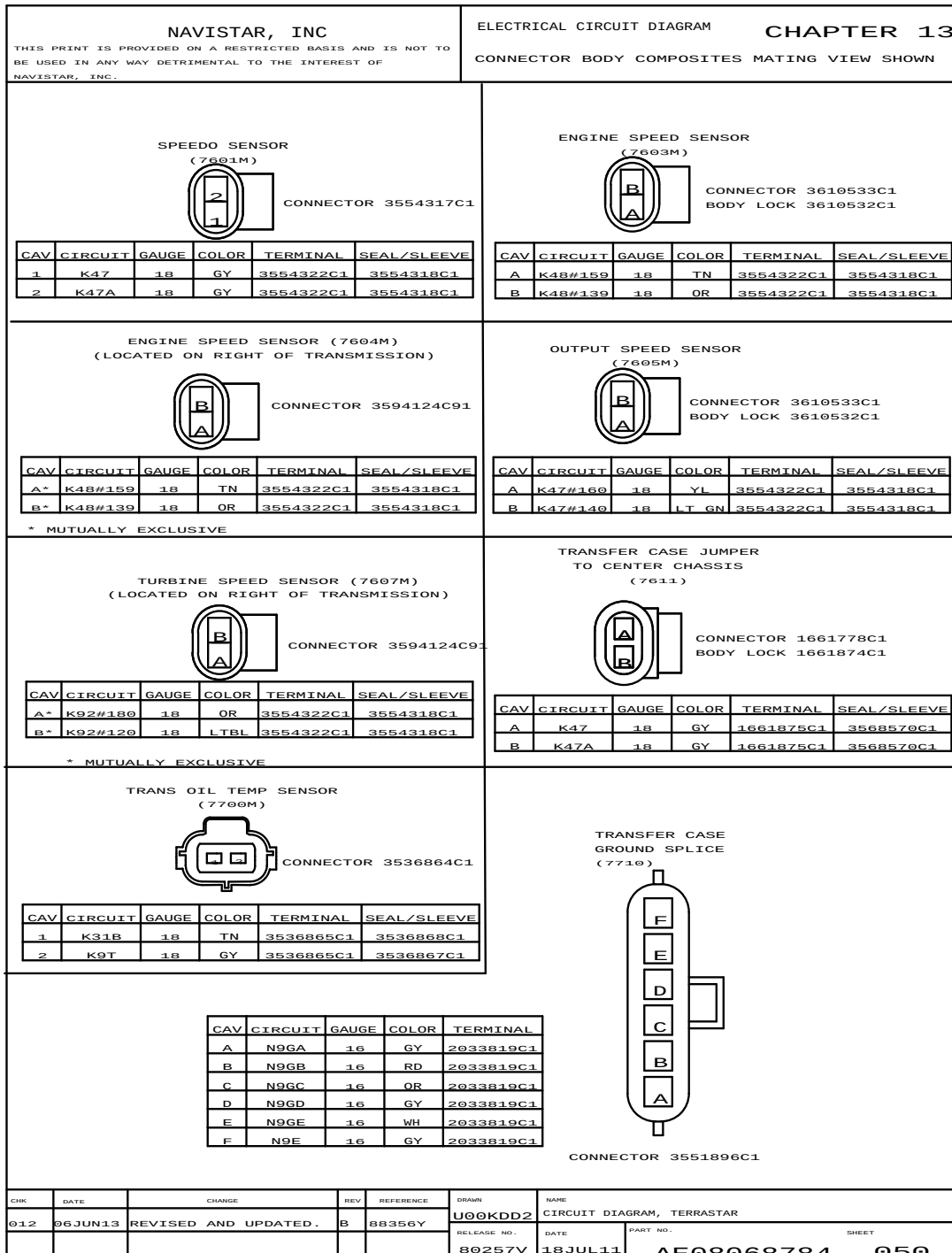


Figure 216 Connector Body Composites (7601M / 7603M / 7604M / 7605M / 7607M / 7611 / 7700M / 7710)



## 13.64. CONNECTOR BODY COMPOSITES (7711 / 7801M / 8000 / 8001), P. 50A

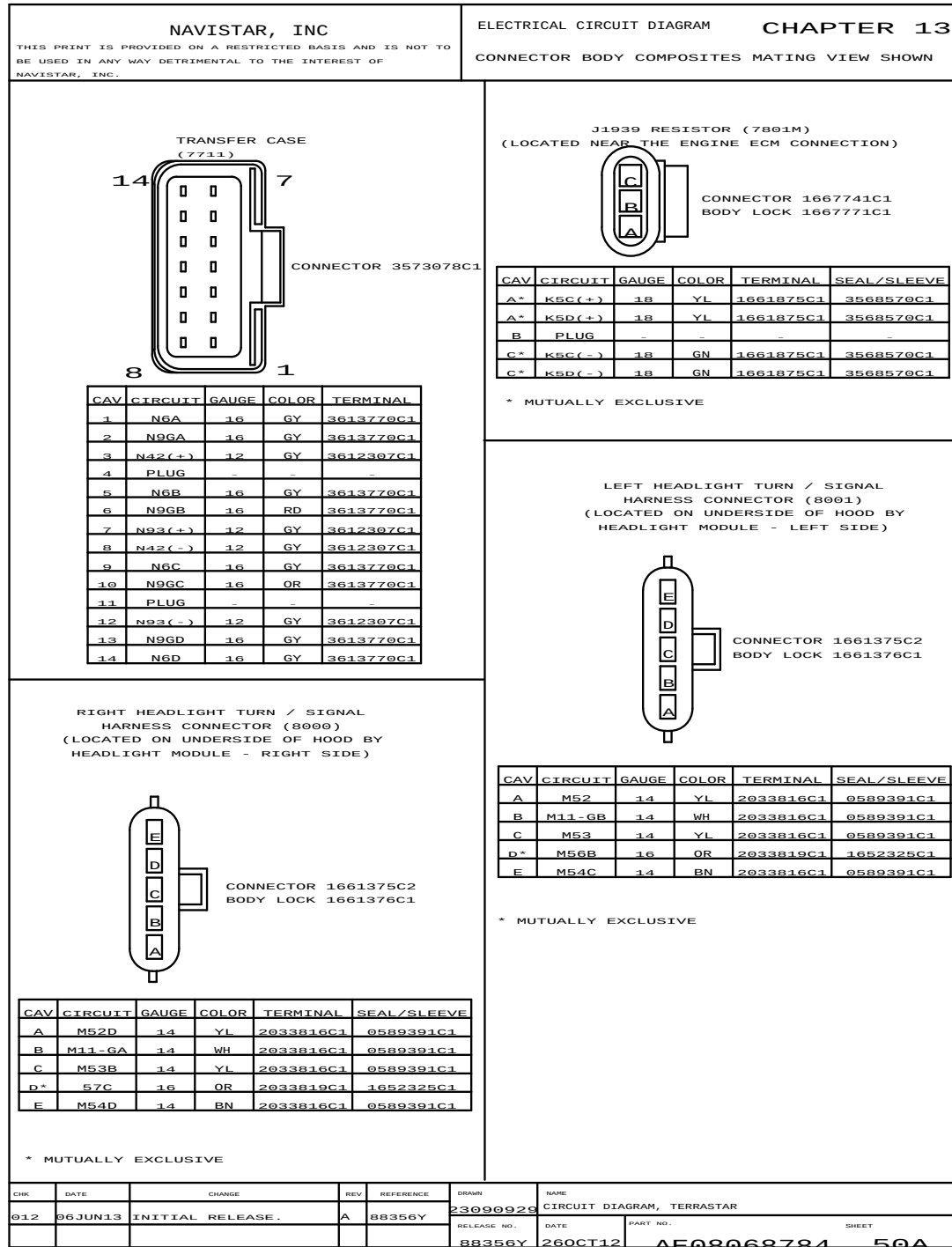


Figure 217 Connector Body Composites (7711 / 7801M / 8000 / 8001)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.65. CONNECTOR BODY COMPOSITES (8102 / 8150 / 8151 / 8200 / 8201 / 8301), P. 51

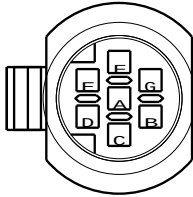
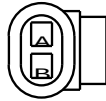
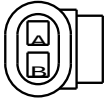
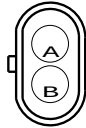
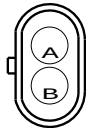
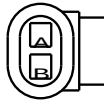
| NAVISTAR, INC                                                                                                               |         |                  |       |           |             | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13                                                |            |       |       |           |             |
|-----------------------------------------------------------------------------------------------------------------------------|---------|------------------|-------|-----------|-------------|--------------------------------------------------------------------------------------|------------|-------|-------|-----------|-------------|
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC. |         |                  |       |           |             | CONNECTOR BODY COMPOSITES MATING VIEW SHOWN                                          |            |       |       |           |             |
| SNOWPLOW HARNESS CONNECTOR (8102)<br>(LOCATED BY LEFT FRAME RAIL NEAR HOOD)                                                 |         |                  |       |           |             | LEFT GUIDE POST LIGHT (8150)<br>(LOCATED ON HOOD LEFT SIDE)                          |            |       |       |           |             |
|                                            |         |                  |       |           |             |    |            |       |       |           |             |
| CONNECTOR 2039311C91<br>BODY LOCK 2039342C1                                                                                 |         |                  |       |           |             | CONNECTOR 1661778C1<br>BODY LOCK 1661874C1                                           |            |       |       |           |             |
| CAV                                                                                                                         | CIRCUIT | GAUGE            | COLOR | TERMINAL  | SEAL/SLEEVE | CAV                                                                                  | CIRCUIT    | GAUGE | COLOR | TERMINAL  | SEAL/SLEEVE |
| A                                                                                                                           | M64HI   | 14               | YL    | 3535486C1 | 0589391C1   | A                                                                                    | M54H       | 16    | BN    | 1661875C1 | 1661872C1   |
| B                                                                                                                           | M11-GE  | 14               | WH    | 3535486C1 | 0589391C1   | B                                                                                    | M54-GA     | 16    | WH    | 1661875C1 | 1661872C1   |
| C                                                                                                                           | M64LO   | 14               | YL    | 3535486C1 | 0589391C1   |                                                                                      |            |       |       |           |             |
| D                                                                                                                           | M56D    | 16               | YL    | 2039343C1 | 1652325C1   |                                                                                      |            |       |       |           |             |
| E                                                                                                                           | M54F    | 14               | BN    | 3535486C1 | 0589391C1   |                                                                                      |            |       |       |           |             |
| F                                                                                                                           | M57D    | 16               | LTGN  | 2039343C1 | 1652325C1   |                                                                                      |            |       |       |           |             |
| G                                                                                                                           | PLUG    | -                | -     | 0587579C1 | -           |                                                                                      |            |       |       |           |             |
| RIGHT GUIDE POST LIGHT (8151)<br>(LOCATED ON HOOD RIGHT SIDE)                                                               |         |                  |       |           |             | RIGHT FOG LIGHT (8200)<br>(LOCATED AT THE FORWARD END OF RIGHT FRAME RAIL)           |            |       |       |           |             |
|                                           |         |                  |       |           |             |   |            |       |       |           |             |
| CONNECTOR 1661778C1<br>BODY LOCK 1661874C1                                                                                  |         |                  |       |           |             | CONNECTOR 0587567C91                                                                 |            |       |       |           |             |
| CAV                                                                                                                         | CIRCUIT | GAUGE            | COLOR | TERMINAL  | SEAL/SLEEVE | CAV                                                                                  | CIRCUIT    | GAUGE | COLOR | TERMINAL  | SEAL/SLEEVE |
| A                                                                                                                           | M54J    | 16               | BN    | 1661875C1 | 1661872C1   | A                                                                                    | M64B       | 16    | YL    | 0587577C1 | 1652325C1   |
| B                                                                                                                           | M54-GB  | 16               | WH    | 1661875C1 | 1661872C1   | B                                                                                    | M64-GB     | 16    | WH    | 0587577C1 | 1652325C1   |
| LEFT FOG LIGHT (8201)<br>(LOCATED AT THE FORWARD END OF LEFT FRAME RAIL)                                                    |         |                  |       |           |             | ELECTRIC HORN (8301)<br>(LOCATED UNDER ENGINE CROSSMEMBER)                           |            |       |       |           |             |
|                                          |         |                  |       |           |             |  |            |       |       |           |             |
| CONNECTOR 0587567C91                                                                                                        |         |                  |       |           |             | CONNECTOR 1661778C1<br>BODY LOCK 1661874C1                                           |            |       |       |           |             |
| CAV                                                                                                                         | CIRCUIT | GAUGE            | COLOR | TERMINAL  | SEAL/SLEEVE | CAV                                                                                  | CIRCUIT    | GAUGE | COLOR | TERMINAL  | SEAL/SLEEVE |
| A                                                                                                                           | M64A    | 16               | YL    | 0587577C1 | 1652325C1   | A                                                                                    | M85E       | 16    | GY    | 1661875C1 | 1661872C1   |
| B                                                                                                                           | M64-GA  | 16               | WH    | 0587577C1 | 1652325C1   | B                                                                                    | M85-GA     | 16    | WH    | 1661875C1 | 1661872C1   |
| CHK                                                                                                                         | DATE    | CHANGE           | REV   | REFERENCE | DRAWN       | NAME                                                                                 |            |       |       |           |             |
| CNA1                                                                                                                        | 26JUL11 | INITIAL RELEASE. | A     | 80257V    | U00KDD2     | CIRCUIT DIAGRAM, TERRASTAR                                                           |            |       |       |           |             |
|                                                                                                                             |         |                  |       |           | RELEASE NO. | DATE                                                                                 | PART NO.   | SHEET |       |           |             |
|                                                                                                                             |         |                  |       |           | 80257V      | 18JUL11                                                                              | AE08068784 | 051   |       |           |             |

Figure 218 Connector Body Composites (8102 / 8150 / 8151 / 8200 / 8201 / 8301)

# 13.66. CONNECTOR BODY COMPOSITES (8502 / 8503 / 8505A / 8600 / 8602 / 8800), P. 52

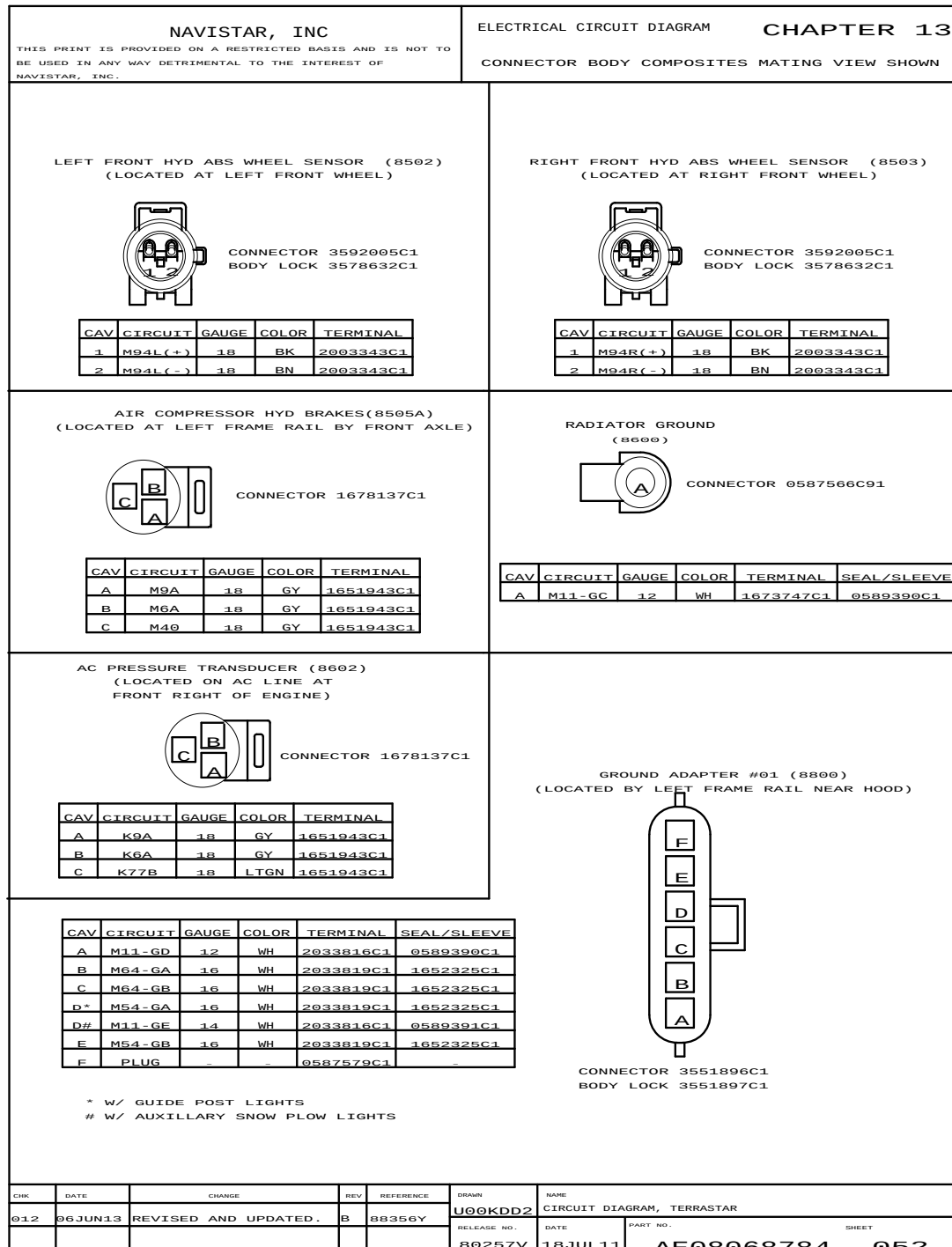


Figure 219 Connector Body Composites (8502 / 8503 / 8505A / 8600 / 8602 / 8800)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.67. CONNECTOR BODY COMPOSITES (8805 / 8807 / 8881 / 8882), P. 53

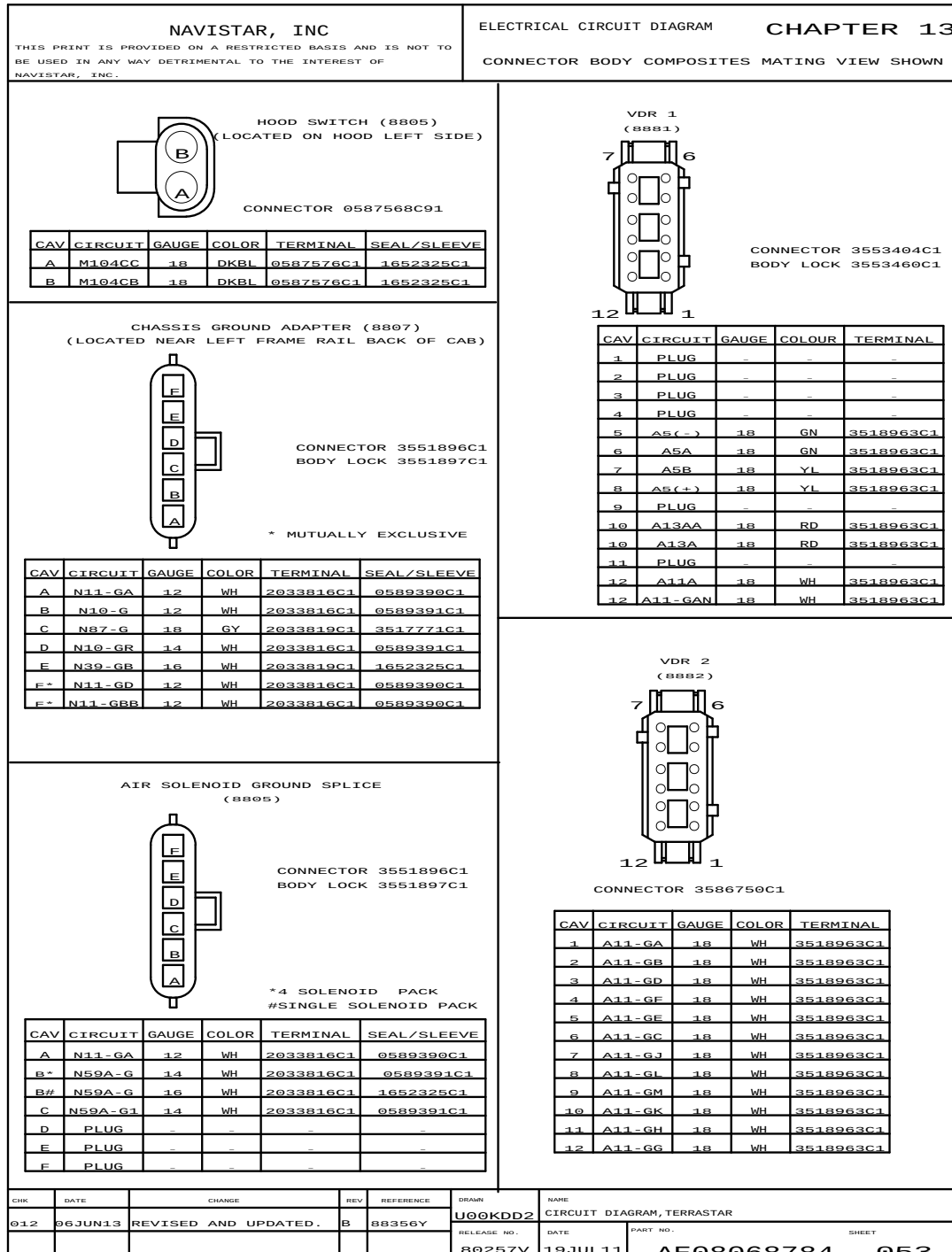


Figure 220 Connector Body Composites (8805 / 8807 / 8881 / 8882)

## 13.68. CONNECTOR BODY COMPOSITES (8883 / 8884A / 8884C), P. 53A

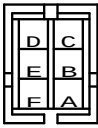
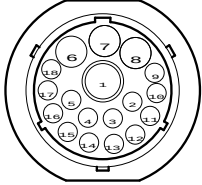
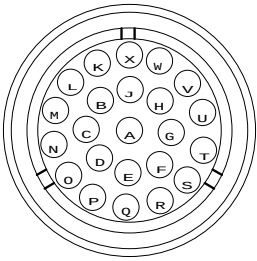
| <b>NAVISTAR, INC</b>                                                                                                                                                                                                                                              |          |                  |       | <b>ELECTRICAL CIRCUIT DIAGRAM</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             | <b>CHAPTER 13</b>          |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------|----------------|-----|---------|-------|-------|----------|---|--------|----|----|-----------|---|--------|----|----|-----------|---|--------|----|----|-----------|---|---------|----|----|-----------|---|--------|----|----|-----------|---|--------|----|-------|-----------|---|--------|----|-------|-----------|---|--------|----|------|-----------|---|--------|----|----|-----------|----|--------|----|----|-----------|----|--------|----|----|-----------|----|----------|----|----|-----------|----|----------|----|----|-----------|----|--------|----|----|-----------|----|--------|----|----|-----------|----|-------|----|----|-----------|----|-------|----|-------|-----------|----|--------|----|-------|-----------|---|--------|----|----|-----------|---|--------|----|----|-----------|---|--------|----|----|-----------|---|--------|----|----|-----------|---|------|---|---|-----------|
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.                                                                                                                                       |          |                  |       | CONNECTOR BODY COMPOSITES MATING VIEW SHOWN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| <p style="text-align: center; font-size: 10px;">IP/ROOF CONN<br/>(8883)<br/>(LOCATED IN CAB)</p>  <p style="text-align: center; font-size: 10px;">CONNECTOR 1661200C1</p>        |          |                  |       | <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A5A</td><td>18</td><td>GN</td><td>1661208C1</td></tr> <tr><td>B</td><td>A5B</td><td>18</td><td>YL</td><td>1661208C1</td></tr> <tr><td>C</td><td>A11AA</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>D</td><td>A13AA</td><td>18</td><td>RD</td><td>1661208C1</td></tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |                            |                | CAV | CIRCUIT | GAUGE | COLOR | TERMINAL | A | A5A    | 18 | GN | 1661208C1 | B | A5B    | 18 | YL | 1661208C1 | C | A11AA  | 18 | WH | 1661208C1 | D | A13AA   | 18 | RD | 1661208C1 |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| CAV                                                                                                                                                                                                                                                               | CIRCUIT  | GAUGE            | COLOR | TERMINAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| A                                                                                                                                                                                                                                                                 | A5A      | 18               | GN    | 1661208C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| B                                                                                                                                                                                                                                                                 | A5B      | 18               | YL    | 1661208C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| C                                                                                                                                                                                                                                                                 | A11AA    | 18               | WH    | 1661208C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| D                                                                                                                                                                                                                                                                 | A13AA    | 18               | RD    | 1661208C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| <p style="text-align: center; font-size: 10px;">ALTEC INTERCONNECT<br/>(8884A)<br/>(LOCATED IN CAB)</p>  <p style="text-align: center; font-size: 10px;">CONNECTOR 6099041C1</p> |          |                  |       | <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>A01DAL</td><td>10</td><td>BK</td><td>3517818C1</td></tr> <tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>A041DAL</td><td>14</td><td>RD</td><td>2034788C1</td></tr> <tr><td>5</td><td>A05DAL</td><td>14</td><td>WH</td><td>2034788C1</td></tr> <tr><td>6</td><td>A06DAL</td><td>12</td><td>RD</td><td>3841697C1</td></tr> <tr><td>7</td><td>A07DAL</td><td>12</td><td>GY</td><td>3841697C1</td></tr> <tr><td>8</td><td>A08DAL</td><td>12</td><td>DKBL</td><td>3841697C1</td></tr> <tr><td>9</td><td>A09DAL</td><td>14</td><td>WH</td><td>2034788C1</td></tr> <tr><td>10</td><td>A10DAL</td><td>14</td><td>WH</td><td>2034788C1</td></tr> <tr><td>11</td><td>A11DAL</td><td>14</td><td>WH</td><td>2034788C1</td></tr> <tr><td>12</td><td>A5AL (+)</td><td>18</td><td>YL</td><td>1680206C1</td></tr> <tr><td>13</td><td>A5AL (-)</td><td>18</td><td>GN</td><td>1680206C1</td></tr> <tr><td>14</td><td>A14DAL</td><td>14</td><td>WH</td><td>2034788C1</td></tr> <tr><td>15</td><td>A15DAL</td><td>14</td><td>WH</td><td>2034788C1</td></tr> <tr><td>16</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>17</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>18</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |                            |                | CAV | CIRCUIT | GAUGE | COLOR | TERMINAL | 1 | A01DAL | 10 | BK | 3517818C1 | 2 | PLUG   | -  | -  | -         | 3 | PLUG   | -  | -  | -         | 4 | A041DAL | 14 | RD | 2034788C1 | 5 | A05DAL | 14 | WH | 2034788C1 | 6 | A06DAL | 12 | RD    | 3841697C1 | 7 | A07DAL | 12 | GY    | 3841697C1 | 8 | A08DAL | 12 | DKBL | 3841697C1 | 9 | A09DAL | 14 | WH | 2034788C1 | 10 | A10DAL | 14 | WH | 2034788C1 | 11 | A11DAL | 14 | WH | 2034788C1 | 12 | A5AL (+) | 18 | YL | 1680206C1 | 13 | A5AL (-) | 18 | GN | 1680206C1 | 14 | A14DAL | 14 | WH | 2034788C1 | 15 | A15DAL | 14 | WH | 2034788C1 | 16 | PLUG  | -  | -  | -         | 17 | PLUG  | -  | -     | -         | 18 | PLUG   | -  | -     | -         |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| CAV                                                                                                                                                                                                                                                               | CIRCUIT  | GAUGE            | COLOR | TERMINAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| 1                                                                                                                                                                                                                                                                 | A01DAL   | 10               | BK    | 3517818C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| 2                                                                                                                                                                                                                                                                 | PLUG     | -                | -     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| 3                                                                                                                                                                                                                                                                 | PLUG     | -                | -     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| 4                                                                                                                                                                                                                                                                 | A041DAL  | 14               | RD    | 2034788C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| 5                                                                                                                                                                                                                                                                 | A05DAL   | 14               | WH    | 2034788C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| 6                                                                                                                                                                                                                                                                 | A06DAL   | 12               | RD    | 3841697C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| 7                                                                                                                                                                                                                                                                 | A07DAL   | 12               | GY    | 3841697C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| 8                                                                                                                                                                                                                                                                 | A08DAL   | 12               | DKBL  | 3841697C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| 9                                                                                                                                                                                                                                                                 | A09DAL   | 14               | WH    | 2034788C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| 10                                                                                                                                                                                                                                                                | A10DAL   | 14               | WH    | 2034788C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| 11                                                                                                                                                                                                                                                                | A11DAL   | 14               | WH    | 2034788C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| 12                                                                                                                                                                                                                                                                | A5AL (+) | 18               | YL    | 1680206C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| 13                                                                                                                                                                                                                                                                | A5AL (-) | 18               | GN    | 1680206C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| 14                                                                                                                                                                                                                                                                | A14DAL   | 14               | WH    | 2034788C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| 15                                                                                                                                                                                                                                                                | A15DAL   | 14               | WH    | 2034788C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| 16                                                                                                                                                                                                                                                                | PLUG     | -                | -     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| 17                                                                                                                                                                                                                                                                | PLUG     | -                | -     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| 18                                                                                                                                                                                                                                                                | PLUG     | -                | -     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| <p style="text-align: center; font-size: 10px;">ATEC S/W PACK CONN (8884C)<br/>(LOCATED IN CAB)</p>  <p style="text-align: center; font-size: 10px;">CONNECTOR 6099042C1</p>   |          |                  |       | <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A62EAL</td><td>18</td><td>BK</td><td>1680205C1</td></tr> <tr><td>B</td><td>A22EAL</td><td>18</td><td>WH</td><td>1680205C1</td></tr> <tr><td>C</td><td>A23EAL</td><td>18</td><td>RD</td><td>1680205C1</td></tr> <tr><td>D</td><td>A27EAL</td><td>18</td><td>BN</td><td>1680205C1</td></tr> <tr><td>E</td><td>A29EAL</td><td>18</td><td>BN</td><td>1680205C1</td></tr> <tr><td>F</td><td>A16EAL</td><td>18</td><td>DK BL</td><td>1680205C1</td></tr> <tr><td>G</td><td>A15EAL</td><td>18</td><td>LT GN</td><td>1680205C1</td></tr> <tr><td>H</td><td>A14EAL</td><td>18</td><td>BK</td><td>1680205C1</td></tr> <tr><td>J</td><td>A13EAL</td><td>18</td><td>PK</td><td>1680205C1</td></tr> <tr><td>K</td><td>A12EAL</td><td>18</td><td>OR</td><td>1680205C1</td></tr> <tr><td>L</td><td>A11EAL</td><td>18</td><td>OR</td><td>1680205C1</td></tr> <tr><td>M</td><td>A10EAL</td><td>18</td><td>YL</td><td>1680205C1</td></tr> <tr><td>N</td><td>A9EAL</td><td>18</td><td>YL</td><td>1680205C1</td></tr> <tr><td>O</td><td>A8EAL</td><td>18</td><td>PL</td><td>1680205C1</td></tr> <tr><td>P</td><td>A7EAL</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>Q</td><td>A6EAL</td><td>18</td><td>BK</td><td>1680205C1</td></tr> <tr><td>R</td><td>A5EAL</td><td>18</td><td>LT GN</td><td>1680205C1</td></tr> <tr><td>S</td><td>A20EAL</td><td>18</td><td>LT GN</td><td>1680205C1</td></tr> <tr><td>T</td><td>A19EAL</td><td>18</td><td>TN</td><td>1680205C1</td></tr> <tr><td>U</td><td>A18EAL</td><td>18</td><td>RD</td><td>1680205C1</td></tr> <tr><td>V</td><td>A17EAL</td><td>18</td><td>PL</td><td>1680205C1</td></tr> <tr><td>W</td><td>A26EAL</td><td>18</td><td>RD</td><td>1680205C1</td></tr> <tr><td>X</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> </tbody> </table> |             |                            |                | CAV | CIRC    | GAUGE | COLOR | TERMINAL | A | A62EAL | 18 | BK | 1680205C1 | B | A22EAL | 18 | WH | 1680205C1 | C | A23EAL | 18 | RD | 1680205C1 | D | A27EAL  | 18 | BN | 1680205C1 | E | A29EAL | 18 | BN | 1680205C1 | F | A16EAL | 18 | DK BL | 1680205C1 | G | A15EAL | 18 | LT GN | 1680205C1 | H | A14EAL | 18 | BK   | 1680205C1 | J | A13EAL | 18 | PK | 1680205C1 | K  | A12EAL | 18 | OR | 1680205C1 | L  | A11EAL | 18 | OR | 1680205C1 | M  | A10EAL   | 18 | YL | 1680205C1 | N  | A9EAL    | 18 | YL | 1680205C1 | O  | A8EAL  | 18 | PL | 1680205C1 | P  | A7EAL  | 18 | GY | 1680205C1 | Q  | A6EAL | 18 | BK | 1680205C1 | R  | A5EAL | 18 | LT GN | 1680205C1 | S  | A20EAL | 18 | LT GN | 1680205C1 | T | A19EAL | 18 | TN | 1680205C1 | U | A18EAL | 18 | RD | 1680205C1 | V | A17EAL | 18 | PL | 1680205C1 | W | A26EAL | 18 | RD | 1680205C1 | X | PLUG | - | - | 0453133C1 |
| CAV                                                                                                                                                                                                                                                               | CIRC     | GAUGE            | COLOR | TERMINAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| A                                                                                                                                                                                                                                                                 | A62EAL   | 18               | BK    | 1680205C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| B                                                                                                                                                                                                                                                                 | A22EAL   | 18               | WH    | 1680205C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| C                                                                                                                                                                                                                                                                 | A23EAL   | 18               | RD    | 1680205C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| D                                                                                                                                                                                                                                                                 | A27EAL   | 18               | BN    | 1680205C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| E                                                                                                                                                                                                                                                                 | A29EAL   | 18               | BN    | 1680205C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| F                                                                                                                                                                                                                                                                 | A16EAL   | 18               | DK BL | 1680205C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| G                                                                                                                                                                                                                                                                 | A15EAL   | 18               | LT GN | 1680205C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| H                                                                                                                                                                                                                                                                 | A14EAL   | 18               | BK    | 1680205C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| J                                                                                                                                                                                                                                                                 | A13EAL   | 18               | PK    | 1680205C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| K                                                                                                                                                                                                                                                                 | A12EAL   | 18               | OR    | 1680205C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| L                                                                                                                                                                                                                                                                 | A11EAL   | 18               | OR    | 1680205C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| M                                                                                                                                                                                                                                                                 | A10EAL   | 18               | YL    | 1680205C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| N                                                                                                                                                                                                                                                                 | A9EAL    | 18               | YL    | 1680205C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| O                                                                                                                                                                                                                                                                 | A8EAL    | 18               | PL    | 1680205C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| P                                                                                                                                                                                                                                                                 | A7EAL    | 18               | GY    | 1680205C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| Q                                                                                                                                                                                                                                                                 | A6EAL    | 18               | BK    | 1680205C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| R                                                                                                                                                                                                                                                                 | A5EAL    | 18               | LT GN | 1680205C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| S                                                                                                                                                                                                                                                                 | A20EAL   | 18               | LT GN | 1680205C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| T                                                                                                                                                                                                                                                                 | A19EAL   | 18               | TN    | 1680205C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| U                                                                                                                                                                                                                                                                 | A18EAL   | 18               | RD    | 1680205C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| V                                                                                                                                                                                                                                                                 | A17EAL   | 18               | PL    | 1680205C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| W                                                                                                                                                                                                                                                                 | A26EAL   | 18               | RD    | 1680205C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| X                                                                                                                                                                                                                                                                 | PLUG     | -                | -     | 0453133C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                            |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| CHK                                                                                                                                                                                                                                                               | DATE     | CHANGE           | REV   | REFERENCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | DRAWN       | NAME                       |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
| -                                                                                                                                                                                                                                                                 | -        | ADDED R/D 8884C. | B     | 92055Z                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2310117Z    | CIRCUIT DIAGRAM, TERRASTAR |                |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
|                                                                                                                                                                                                                                                                   |          |                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | RELEASE NO. | DATE                       | PART NO.       |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |
|                                                                                                                                                                                                                                                                   |          |                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 883356Y     | 27OCT12                    | AE08068784 53A |     |         |       |       |          |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |         |    |    |           |   |        |    |    |           |   |        |    |       |           |   |        |    |       |           |   |        |    |      |           |   |        |    |    |           |    |        |    |    |           |    |        |    |    |           |    |          |    |    |           |    |          |    |    |           |    |        |    |    |           |    |        |    |    |           |    |       |    |    |           |    |       |    |       |           |    |        |    |       |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |        |    |    |           |   |      |   |   |           |

Figure 221 Connector Body Composites (8883 / 8884A / 8884C)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.69. CONNECTOR BODY COMPOSITES (8995 / 8996), P. 53B

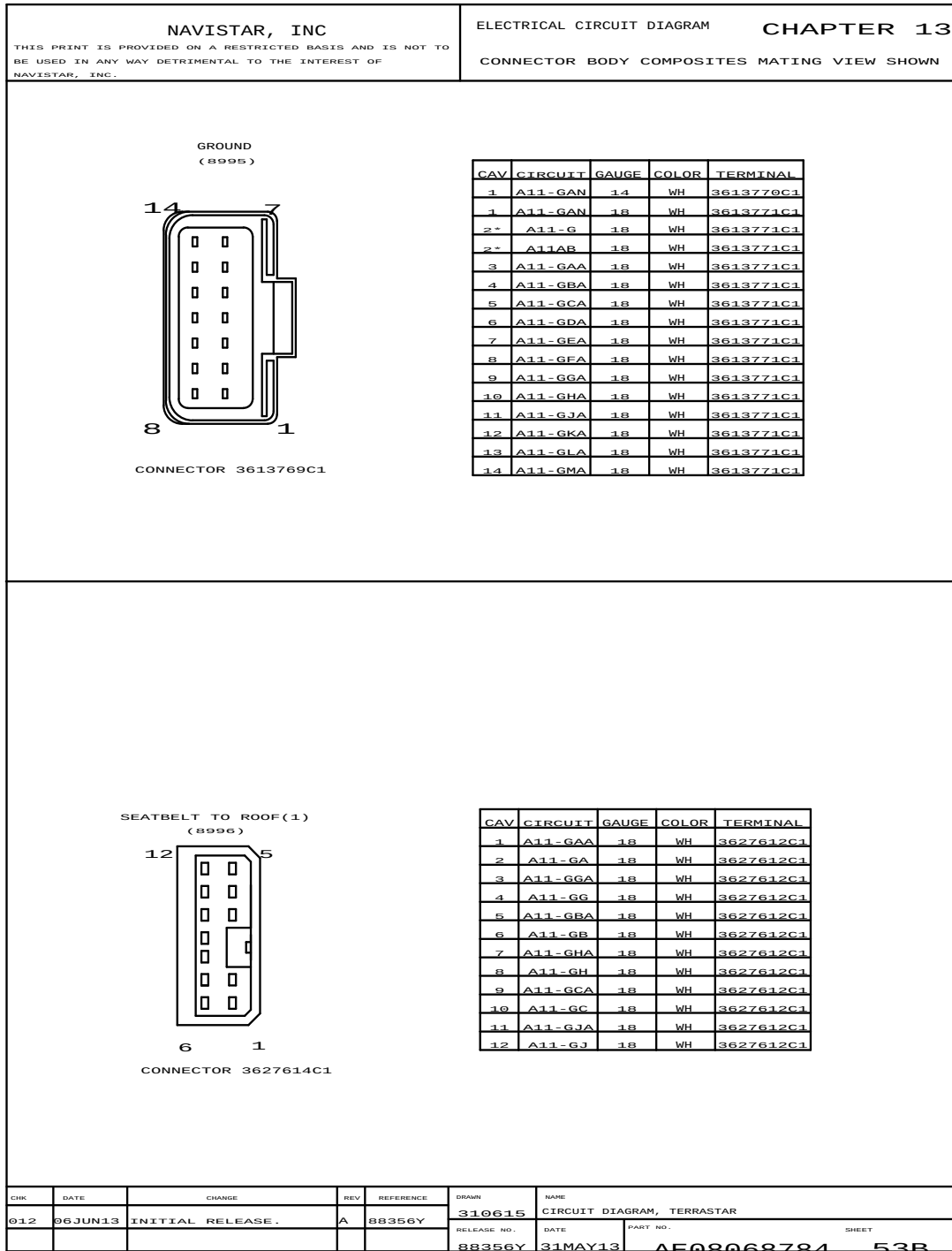


Figure 222 Connector Body Composites (8995 / 8996)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.70. CONNECTOR BODY COMPOSITES (8997 / 8998 / 8999 / 9001), P. 54

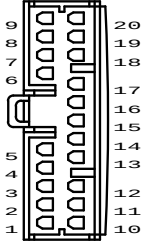
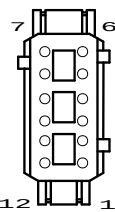
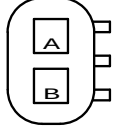
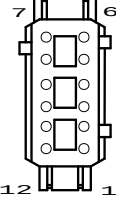
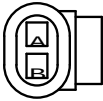
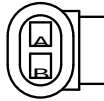
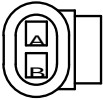
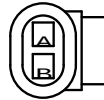
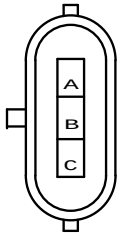
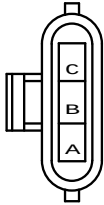
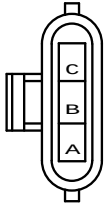
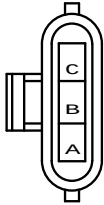
| NAVISTAR, INC                                                                                                               |         |                    |       |           | ELECTRICAL CIRCUIT DIAGRAM                                                           |                            | CHAPTER 13 |       |           |
|-----------------------------------------------------------------------------------------------------------------------------|---------|--------------------|-------|-----------|--------------------------------------------------------------------------------------|----------------------------|------------|-------|-----------|
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC. |         |                    |       |           | CONNECTOR BODY COMPOSITES MATING VIEW SHOWN                                          |                            |            |       |           |
| SEATBELT TO ROOF(2)<br>(8997)                                                                                               |         |                    |       |           | SEATBELT DATA RECORDER<br>(8998)                                                     |                            |            |       |           |
| CONNECTOR 2018590C1                                                                                                         |         |                    |       |           | CONNECTOR 3553404C1<br>BODY LOCK 3553460C1                                           |                            |            |       |           |
|                                            |         |                    |       |           |    |                            |            |       |           |
| CAV                                                                                                                         | CIRCUIT | GAUGE              | COLOR | TERMINAL  | CAV                                                                                  | CIRCUIT                    | GAUGE      | COLOR | TERMINAL  |
| 1                                                                                                                           | A11-GDA | 18                 | WH    | 2018639C1 | 1                                                                                    | PLUG                       | -          | -     | 3527276C1 |
| 2                                                                                                                           | A11-GD  | 18                 | WH    | 2018639C1 | 2                                                                                    | PLUG                       | -          | -     | 3527276C1 |
| 3                                                                                                                           | A11-GKA | 18                 | WH    | 2018639C1 | 3                                                                                    | PLUG                       | -          | -     | 3527276C1 |
| 4                                                                                                                           | A11-GK  | 18                 | WH    | 2018639C1 | 4                                                                                    | A3D(+)                     | 20         | DKBL  | 3727971C1 |
| 5                                                                                                                           | A11-GEA | 18                 | WH    | 2018639C1 | 5                                                                                    | A3D(-)                     | 20         | GY    | 3727971C1 |
| 6                                                                                                                           | A11-GE  | 18                 | WH    | 2018639C1 | 6                                                                                    | A5D(+)                     | 18         | YL    | 3518963C1 |
| 7                                                                                                                           | A11-GLA | 18                 | WH    | 2018639C1 | 7                                                                                    | A5D(-)                     | 18         | GN    | 3518963C1 |
| 8                                                                                                                           | A11-GL  | 18                 | WH    | 2018639C1 | 8                                                                                    | PLUG                       | -          | -     | 3527276C1 |
| 9                                                                                                                           | A11-GFA | 18                 | WH    | 2018639C1 | 9                                                                                    | PLUG                       | -          | -     | 3527276C1 |
| 10                                                                                                                          | A11-GF  | 18                 | WH    | 2018639C1 | 10                                                                                   | A14R                       | 18         | RD    | 3518963C1 |
| 11                                                                                                                          | A11-GMA | 18                 | WH    | 2018639C1 | 11                                                                                   | PLUG                       | -          | -     | 3527276C1 |
| 12                                                                                                                          | A11-GM  | 18                 | WH    | 2018639C1 | 12                                                                                   | A11-G                      | 18         | WH    | 3518963C1 |
| 13                                                                                                                          | -       | -                  | -     | -         |                                                                                      |                            |            |       |           |
| 14                                                                                                                          | -       | -                  | -     | -         |                                                                                      |                            |            |       |           |
| 15                                                                                                                          | -       | -                  | -     | -         |                                                                                      |                            |            |       |           |
| 16                                                                                                                          | -       | -                  | -     | -         |                                                                                      |                            |            |       |           |
| 17                                                                                                                          | -       | -                  | -     | -         |                                                                                      |                            |            |       |           |
| 18                                                                                                                          | -       | -                  | -     | -         |                                                                                      |                            |            |       |           |
| 19                                                                                                                          | -       | -                  | -     | -         |                                                                                      |                            |            |       |           |
| 20                                                                                                                          | -       | -                  | -     | -         |                                                                                      |                            |            |       |           |
| LS HEATED DRAIN VALVE<br>(9001)                                                                                             |         |                    |       |           | SEATBELT SEAT INDICATOR<br>(8999)                                                    |                            |            |       |           |
| CONNECTOR 1671610C1<br>BODY LOCK 1671608C1                                                                                  |         |                    |       |           | CONNECTOR 3586750C1<br>BODY LOCK 3553460C1                                           |                            |            |       |           |
|                                          |         |                    |       |           |  |                            |            |       |           |
| CAV                                                                                                                         | CIRCUIT | GAUGE              | COLOR | TERMINAL  | CAV                                                                                  | CIRCUIT                    | GAUGE      | COLOR | TERMINAL  |
| A                                                                                                                           | N39A    | 18                 | GY    | 2033819C1 | 1                                                                                    | A11-GA                     | 18         | WH    | 3518963C1 |
| B                                                                                                                           | N39-GF  | 18                 | WH    | 2033819C1 | 2                                                                                    | A11-GB                     | 18         | WH    | 3518963C1 |
|                                                                                                                             |         |                    |       |           | 3                                                                                    | A11-GC                     | 18         | WH    | 3518963C1 |
|                                                                                                                             |         |                    |       |           | 4                                                                                    | A11-GD                     | 18         | WH    | 3518963C1 |
|                                                                                                                             |         |                    |       |           | 5                                                                                    | A11-GE                     | 18         | WH    | 3518963C1 |
|                                                                                                                             |         |                    |       |           | 6                                                                                    | A11-GF                     | 18         | WH    | 3518963C1 |
|                                                                                                                             |         |                    |       |           | 7                                                                                    | A11-GM                     | 18         | WH    | 3518963C1 |
|                                                                                                                             |         |                    |       |           | 8                                                                                    | A11-GL                     | 18         | WH    | 3518963C1 |
|                                                                                                                             |         |                    |       |           | 9                                                                                    | A11-GK                     | 18         | WH    | 3518963C1 |
|                                                                                                                             |         |                    |       |           | 10                                                                                   | A11-GJ                     | 18         | WH    | 3518963C1 |
|                                                                                                                             |         |                    |       |           | 11                                                                                   | A11-GH                     | 18         | WH    | 3518963C1 |
|                                                                                                                             |         |                    |       |           | 12                                                                                   | A11-GG                     | 18         | WH    | 3518963C1 |
| CHK                                                                                                                         | DATE    | CHANGE             | REV   | REFERENCE | DRAWN                                                                                | NAME                       |            |       |           |
| 012                                                                                                                         | 06JUN13 | REVISED & UPDATED. | B     | 88356Y    | U00KDD2                                                                              | CIRCUIT DIAGRAM, TERRASTAR |            |       |           |
|                                                                                                                             |         |                    |       |           | RELEASE NO.                                                                          | DATE                       | PART NO.   | SHEET |           |
|                                                                                                                             |         |                    |       |           | 80257V                                                                               | 19JUL11                    | AE08068784 | 054   |           |

Figure 223 Connector Body Composites (8997 / 8998 / 8999 / 9001)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.71. CONNECTOR BODY COMPOSITES (9100 / 9101 / 9101A / 9102 / 9260 / 9261),  
P. 55

| NAVISTAR, INC                                                                                                                                                                                                                                   |         |       |       | ELECTRICAL CIRCUIT DIAGRAM                                                                                                                                                                                           |             | CHAPTER 13 |         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|---------|
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.                                                                                                                     |         |       |       | CONNECTOR BODY COMPOSITES MATING VIEW SHOWN                                                                                                                                                                          |             |            |         |
| AF FUEL LEVEL SENSOR (9100)<br>(LOCATED ON AF MOUNTED FUEL TANK) <br><br>CONNECTOR 1661778C1<br>BODY LOCK 1661874C1                                            |         |       |       | RIGHT FUEL LEVEL SENSOR (9101)<br>(LOCATED ON RIGHT SIDE FUEL TANK) <br><br>CONNECTOR 1661778C1<br>BODY LOCK 1661874C1            |             |            |         |
| CAV                                                                                                                                                                                                                                             | CIRCUIT | GAUGE | COLOR | TERMINAL                                                                                                                                                                                                             | SEAL/SLEEVE | CAV        | CIRCUIT |
| A                                                                                                                                                                                                                                               | R36     | 18    | TN    | 1661875C1                                                                                                                                                                                                            | 1661872C1   | A          | N36A    |
| B                                                                                                                                                                                                                                               | R9G     | 18    | GY    | 1661875C1                                                                                                                                                                                                            | 1661872C1   | B          | N9B     |
| DUAL TANK RIGHT SIDE FUEL SENDER (9101A)<br>(LOCATED ON FUEL TANK) <br><br>CONNECTOR 1661778C1<br>BODY LOCK 1661874C1                                          |         |       |       | FUEL TRANSFER PUMP (9102)<br>(LOCATED ON FUEL PUMP - TOP OF BELL HOUSING) <br><br>CONNECTOR 3522068C1<br>BODY LOCK 1661874C1      |             |            |         |
| CAV                                                                                                                                                                                                                                             | CIRCUIT | GAUGE | COLOR | TERMINAL                                                                                                                                                                                                             | SEAL/SLEEVE | CAV        | CIRCUIT |
| A                                                                                                                                                                                                                                               | N36A    | 18    | TN    | 1661875C1                                                                                                                                                                                                            | 1661872C1   | A          | N37-G   |
| B                                                                                                                                                                                                                                               | N9G     | 16    | GY    | 1661875C1                                                                                                                                                                                                            | 1661872C1   | B          | N37D    |
| BATTERY ECM NEGATIVE (9260)<br>(LOCATED AT LEFT SIDE OF ENGINE) <br><br>CONNECTOR 1667732C1<br>#1667733C1<br>BODY LOCK 1667734C1<br><br>* MUTUALLY EXCLUSIVE |         |       |       | BATTERY ECM POSITIVE (9261)<br>(LOCATED AT LEFT SIDE OF ENGINE) <br><br>CONNECTOR 1667733C1<br>#1667732C1<br>BODY LOCK 1667734C1 |             |            |         |
| CAV                                                                                                                                                                                                                                             | CIRCUIT | GAUGE | COLOR | TERMINAL                                                                                                                                                                                                             | SEAL/SLEEVE | CAV        | CIRCUIT |
| A                                                                                                                                                                                                                                               | PLUG    | -     | -     | 1675751C1                                                                                                                                                                                                            | -           | A          | K97AA   |
| B                                                                                                                                                                                                                                               | K92-G   | 10    | GY    | 2025425C1                                                                                                                                                                                                            | 1667735C1   | B          | K92B110 |
| C                                                                                                                                                                                                                                               | K92-GP  | 10    | WH    | 1667737C1                                                                                                                                                                                                            | 1667735C1   | C          | PLUG    |
| BATTERY ECM POSITIVE (9261)<br>(LOCATED AT LEFT SIDE OF ENGINE) <br><br>CONNECTOR 1667733C1<br>#1667732C1<br>BODY LOCK 1667734C1                            |         |       |       | BATTERY ECM POSITIVE (9261)<br>(LOCATED AT LEFT SIDE OF ENGINE) <br><br>CONNECTOR 1667733C1<br>#1667732C1<br>BODY LOCK 1667734C1 |             |            |         |
| CAV                                                                                                                                                                                                                                             | CIRCUIT | GAUGE | COLOR | TERMINAL                                                                                                                                                                                                             | SEAL/SLEEVE | CAV        | CIRCUIT |
| A                                                                                                                                                                                                                                               | PLUG    | -     | -     | 1675751C1                                                                                                                                                                                                            | -           | A          | K97AA   |
| B                                                                                                                                                                                                                                               | K92-G   | 10    | GY    | 2025425C1                                                                                                                                                                                                            | 1667735C1   | B          | K92B110 |
| C                                                                                                                                                                                                                                               | K92-GP  | 10    | WH    | 1667737C1                                                                                                                                                                                                            | 1667735C1   | C          | PLUG    |

| CHK         | DATE    | CHANGE              | REV | REFERENCE  | DRAWN   | NAME                       |
|-------------|---------|---------------------|-----|------------|---------|----------------------------|
| 0638        | 09FEB15 | REVISED AND REDRAWN | B   | 92855Z     | U00KDD2 | CIRCUIT DIAGRAM, TERRASTAR |
| RELEASE NO. |         | DATE                |     | PART NO.   |         | SHEET                      |
| 80257V      |         | 19JUL11             |     | AE08068784 |         | 055                        |

Figure 224 Connector Body Composites (9100 / 9101 / 9101A / 9102 / 9260 / 9261)



## 13.72. CONNECTOR BODY COMPOSITES (9511A / 9521 / 9522 / 9530), P. 56

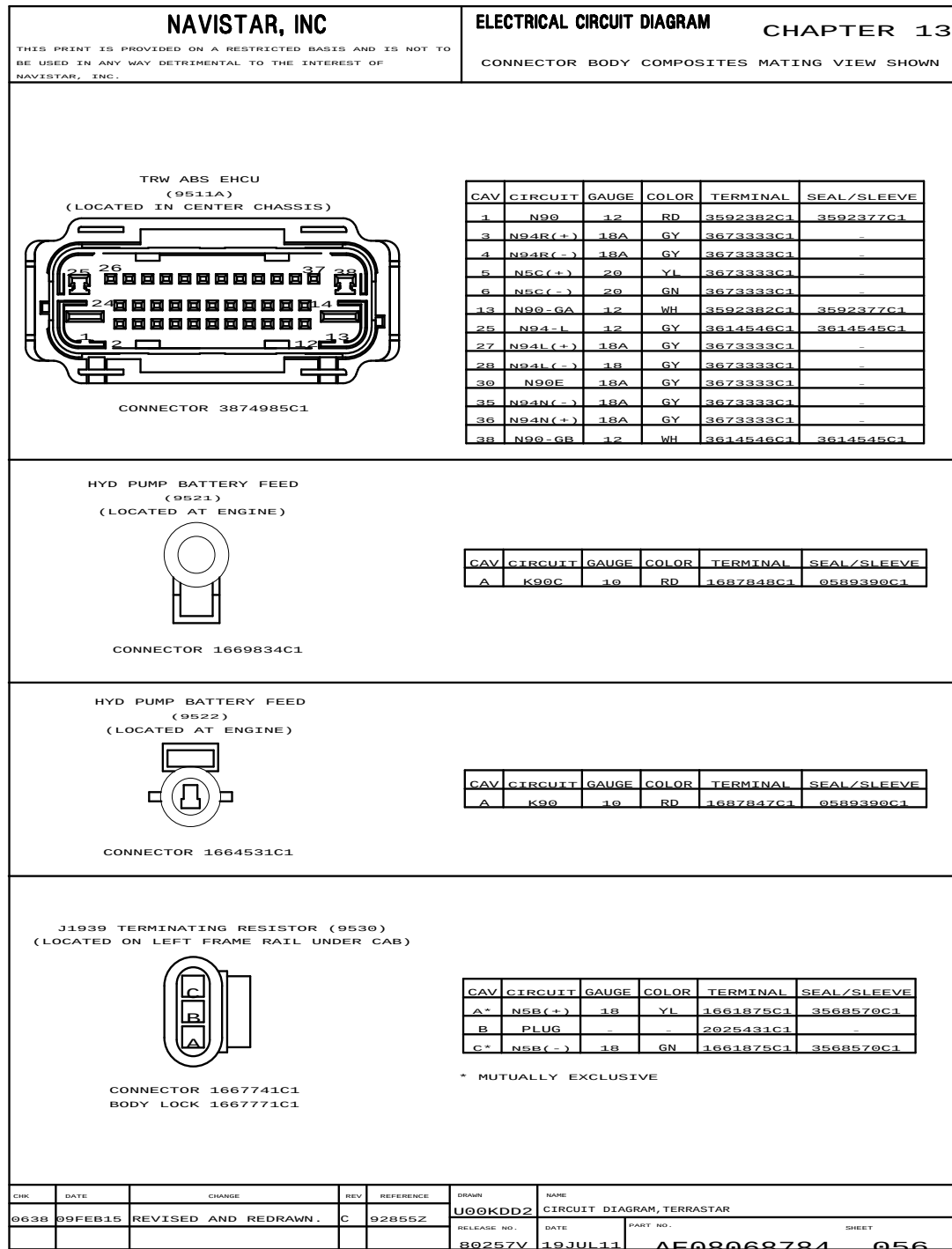


Figure 225 Connector Body Composites (9511A / 9521 / 9522 / 9530)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.73. CONNECTOR BODY COMPOSITES (9715 / 9715F / 9716 / 9716M / 9717), P. 57

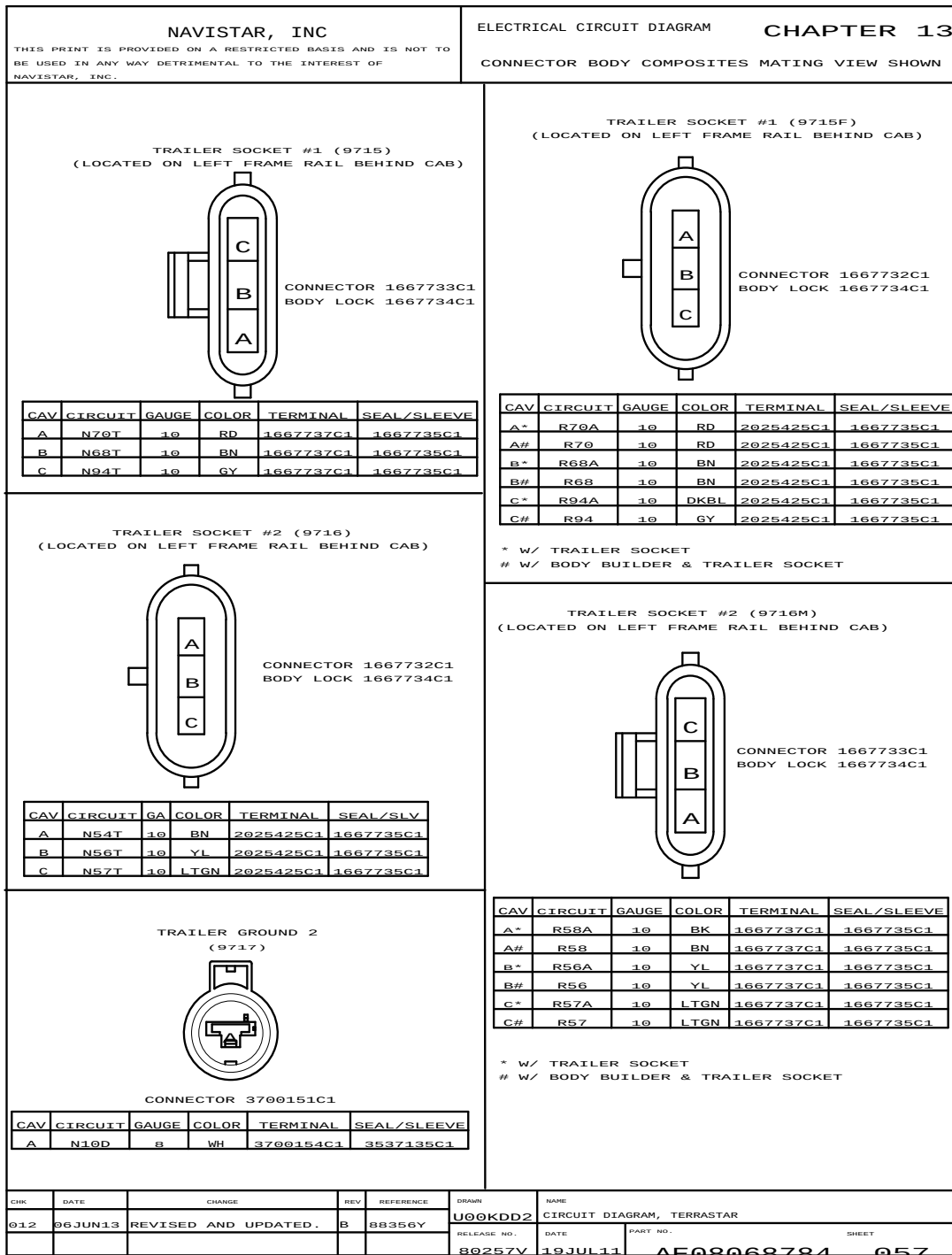


Figure 226 Connector Body Composites (9715 / 9715F / 9716 / 9716M / 9717)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.74. CONNECTOR BODY COMPOSITES (9717 / 9717F / 9736 / 9737 / 9740), P. 58

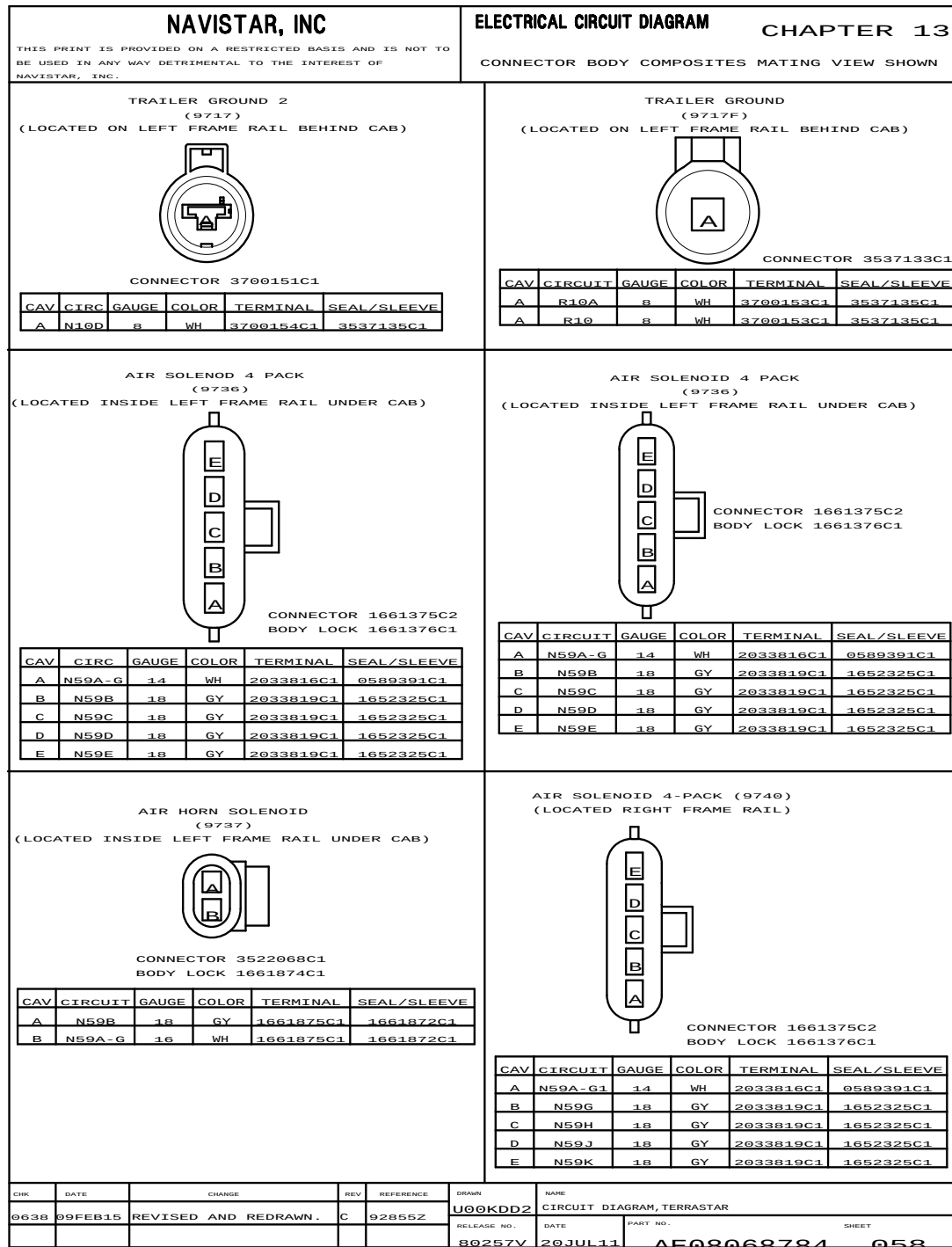


Figure 227 Connector Body Composites (9717 / 9717F / 9736 / 9737 / 9740)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.75. CONNECTOR BODY COMPOSITES (9778 / 9778F / 9779F / 9780M), P. 58A

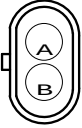
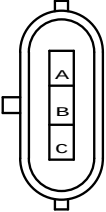
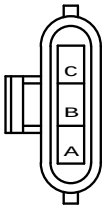
| <b>NAVISTAR, INC</b><br><small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |                  |       | <b>ELECTRICAL CIRCUIT DIAGRAM      CHAPTER 13</b><br><b>CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</b> |             |                            |                |     |         |       |       |          |             |   |       |    |    |           |           |   |        |    |      |           |           |   |      |    |      |           |           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------|-------|---------------------------------------------------------------------------------------------------------|-------------|----------------------------|----------------|-----|---------|-------|-------|----------|-------------|---|-------|----|----|-----------|-----------|---|--------|----|------|-----------|-----------|---|------|----|------|-----------|-----------|
| <p>REMOTE START / STOP (9778)<br/>(LOCATED BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)</p> <div style="display: flex; align-items: center; justify-content: center;">  <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N59CA</td> <td>16</td> <td>GY</td> <td>0587575C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N104CA</td> <td>16</td> <td>DKBL</td> <td>0587575C1</td> <td>1652325C1</td> </tr> </tbody> </table> </div> <p style="text-align: center; margin-top: 10px;">CONNECTOR 0587567C91</p>                                                                                                                                   |         |                  |       |                                                                                                         |             |                            |                | CAV | CIRC    | GA    | COLOR | TERMINAL | SEAL/SLV    | A | N59CA | 16 | GY | 0587575C1 | 1652325C1 | B | N104CA | 16 | DKBL | 0587575C1 | 1652325C1 |   |      |    |      |           |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CIRC    | GA               | COLOR | TERMINAL                                                                                                | SEAL/SLV    |                            |                |     |         |       |       |          |             |   |       |    |    |           |           |   |        |    |      |           |           |   |      |    |      |           |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | N59CA   | 16               | GY    | 0587575C1                                                                                               | 1652325C1   |                            |                |     |         |       |       |          |             |   |       |    |    |           |           |   |        |    |      |           |           |   |      |    |      |           |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | N104CA  | 16               | DKBL  | 0587575C1                                                                                               | 1652325C1   |                            |                |     |         |       |       |          |             |   |       |    |    |           |           |   |        |    |      |           |           |   |      |    |      |           |           |
| <p>TRAILER SOCKET GND (9778F)</p> <div style="display: flex; align-items: center; justify-content: center;">  <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R10A</td> <td>B</td> <td>WH</td> <td>3700153C1</td> <td>3537135C1</td> </tr> </tbody> </table> </div> <p style="text-align: center; margin-top: 10px;">CONNECTOR 3537133C1</p>                                                                                                                                                                                                                                                                                             |         |                  |       |                                                                                                         |             |                            |                | CAV | CIRCUIT | GAUGE | COLOR | TERMINAL | SEAL/SLEEVE | A | R10A  | B  | WH | 3700153C1 | 3537135C1 |   |        |    |      |           |           |   |      |    |      |           |           |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CIRCUIT | GAUGE            | COLOR | TERMINAL                                                                                                | SEAL/SLEEVE |                            |                |     |         |       |       |          |             |   |       |    |    |           |           |   |        |    |      |           |           |   |      |    |      |           |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | R10A    | B                | WH    | 3700153C1                                                                                               | 3537135C1   |                            |                |     |         |       |       |          |             |   |       |    |    |           |           |   |        |    |      |           |           |   |      |    |      |           |           |
| <p>TRAILER SOCKET #2 (9779F)<br/>(LOCATED AT BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)</p> <div style="display: flex; align-items: center; justify-content: center;">  <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R58A</td> <td>10</td> <td>BK</td> <td>2025425C1</td> <td>1667735C1</td> </tr> <tr> <td>B</td> <td>R56A</td> <td>10</td> <td>YL</td> <td>2025425C1</td> <td>1667735C1</td> </tr> <tr> <td>C</td> <td>R57A</td> <td>10</td> <td>LTGN</td> <td>2025425C1</td> <td>1667735C1</td> </tr> </tbody> </table> </div> <p style="text-align: center; margin-top: 10px;">CONNECTOR 1667732C1<br/>BODY LOCK 1667734C1</p> |         |                  |       |                                                                                                         |             |                            |                | CAV | CIRCUIT | GAUGE | COLOR | TERMINAL | SEAL/SLEEVE | A | R58A  | 10 | BK | 2025425C1 | 1667735C1 | B | R56A   | 10 | YL   | 2025425C1 | 1667735C1 | C | R57A | 10 | LTGN | 2025425C1 | 1667735C1 |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CIRCUIT | GAUGE            | COLOR | TERMINAL                                                                                                | SEAL/SLEEVE |                            |                |     |         |       |       |          |             |   |       |    |    |           |           |   |        |    |      |           |           |   |      |    |      |           |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | R58A    | 10               | BK    | 2025425C1                                                                                               | 1667735C1   |                            |                |     |         |       |       |          |             |   |       |    |    |           |           |   |        |    |      |           |           |   |      |    |      |           |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | R56A    | 10               | YL    | 2025425C1                                                                                               | 1667735C1   |                            |                |     |         |       |       |          |             |   |       |    |    |           |           |   |        |    |      |           |           |   |      |    |      |           |           |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | R57A    | 10               | LTGN  | 2025425C1                                                                                               | 1667735C1   |                            |                |     |         |       |       |          |             |   |       |    |    |           |           |   |        |    |      |           |           |   |      |    |      |           |           |
| <p>TRAILER SOCKET #1 (9780M)<br/>(LOCATED AT END OF FRAME NEAR REAR AXLES)</p> <div style="display: flex; align-items: center; justify-content: center;">  <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R70A</td> <td>10</td> <td>RD</td> <td>1667737C1</td> <td>1667735C1</td> </tr> <tr> <td>B</td> <td>R68A</td> <td>10</td> <td>BN</td> <td>1667737C1</td> <td>1667735C1</td> </tr> <tr> <td>C</td> <td>R94A</td> <td>10</td> <td>DKBL</td> <td>1667737C1</td> <td>1667735C1</td> </tr> </tbody> </table> </div> <p style="text-align: center; margin-top: 10px;">CONNECTOR 1667733C1<br/>BODY LOCK 1667734C1</p>               |         |                  |       |                                                                                                         |             |                            |                | CAV | CIRCUIT | GAUGE | COLOR | TERMINAL | SEAL/SLEEVE | A | R70A  | 10 | RD | 1667737C1 | 1667735C1 | B | R68A   | 10 | BN   | 1667737C1 | 1667735C1 | C | R94A | 10 | DKBL | 1667737C1 | 1667735C1 |
| CAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CIRCUIT | GAUGE            | COLOR | TERMINAL                                                                                                | SEAL/SLEEVE |                            |                |     |         |       |       |          |             |   |       |    |    |           |           |   |        |    |      |           |           |   |      |    |      |           |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | R70A    | 10               | RD    | 1667737C1                                                                                               | 1667735C1   |                            |                |     |         |       |       |          |             |   |       |    |    |           |           |   |        |    |      |           |           |   |      |    |      |           |           |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | R68A    | 10               | BN    | 1667737C1                                                                                               | 1667735C1   |                            |                |     |         |       |       |          |             |   |       |    |    |           |           |   |        |    |      |           |           |   |      |    |      |           |           |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | R94A    | 10               | DKBL  | 1667737C1                                                                                               | 1667735C1   |                            |                |     |         |       |       |          |             |   |       |    |    |           |           |   |        |    |      |           |           |   |      |    |      |           |           |
| CHK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | DATE    | CHANGE           | REV   | REFERENCE                                                                                               | DRAWN       | NAME                       |                |     |         |       |       |          |             |   |       |    |    |           |           |   |        |    |      |           |           |   |      |    |      |           |           |
| 012                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 06JUN13 | INITIAL RELEASE. | A     | 88356Y                                                                                                  | 23090920    | CIRCUIT DIAGRAM, TERRASTAR |                |     |         |       |       |          |             |   |       |    |    |           |           |   |        |    |      |           |           |   |      |    |      |           |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         |                  |       |                                                                                                         | RELEASE NO. | DATE                       | PART NO.       |     |         |       |       |          |             |   |       |    |    |           |           |   |        |    |      |           |           |   |      |    |      |           |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         |                  |       |                                                                                                         | 88356Y      | 26OCT12                    | AE08068784 58A |     |         |       |       |          |             |   |       |    |    |           |           |   |        |    |      |           |           |   |      |    |      |           |           |

Figure 228 Connector Body Composites (9778 / 9778F / 9779F / 9780M)

## ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.76. CONNECTOR BODY COMPOSITES (9745 / 9746 / 9800), P. 59

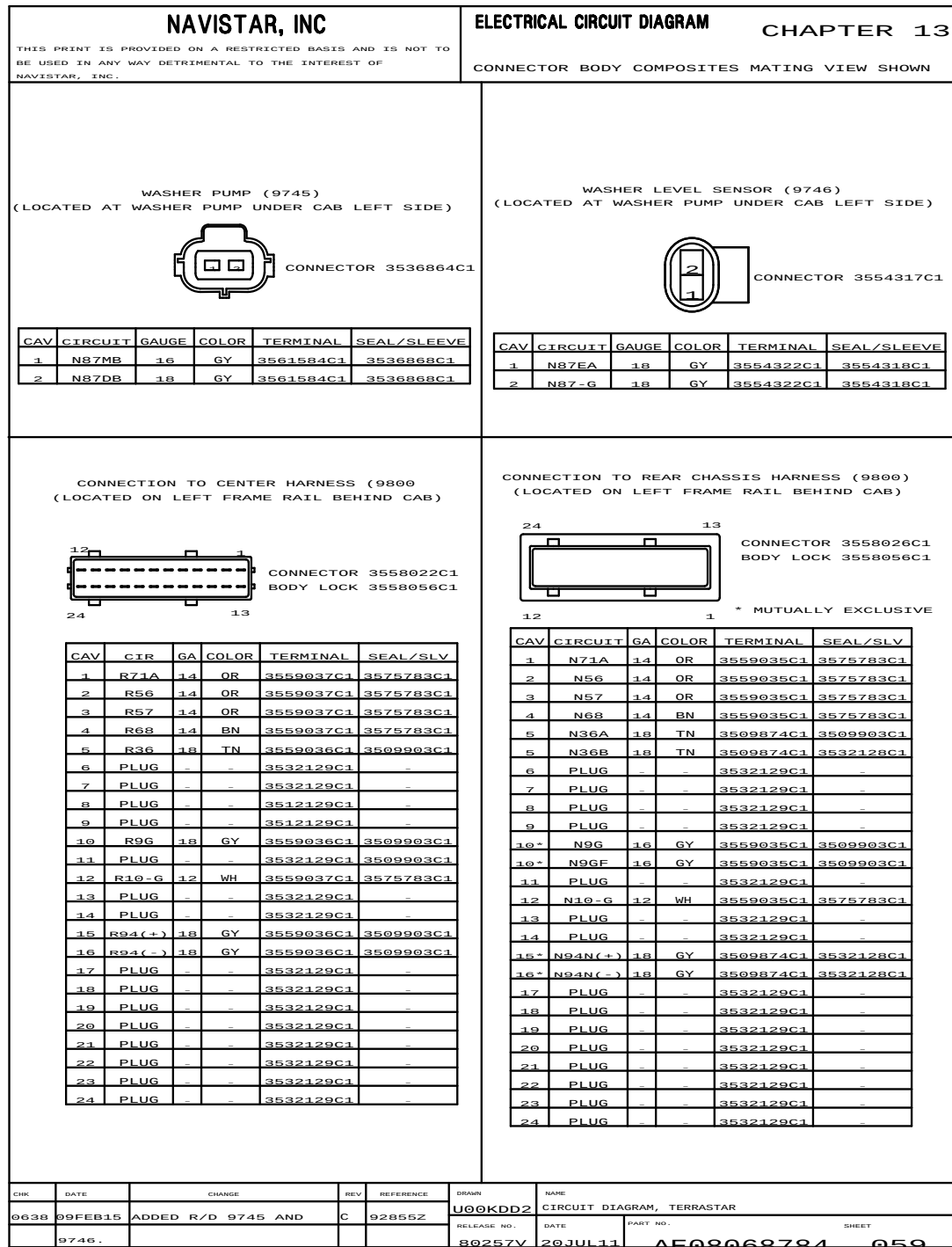
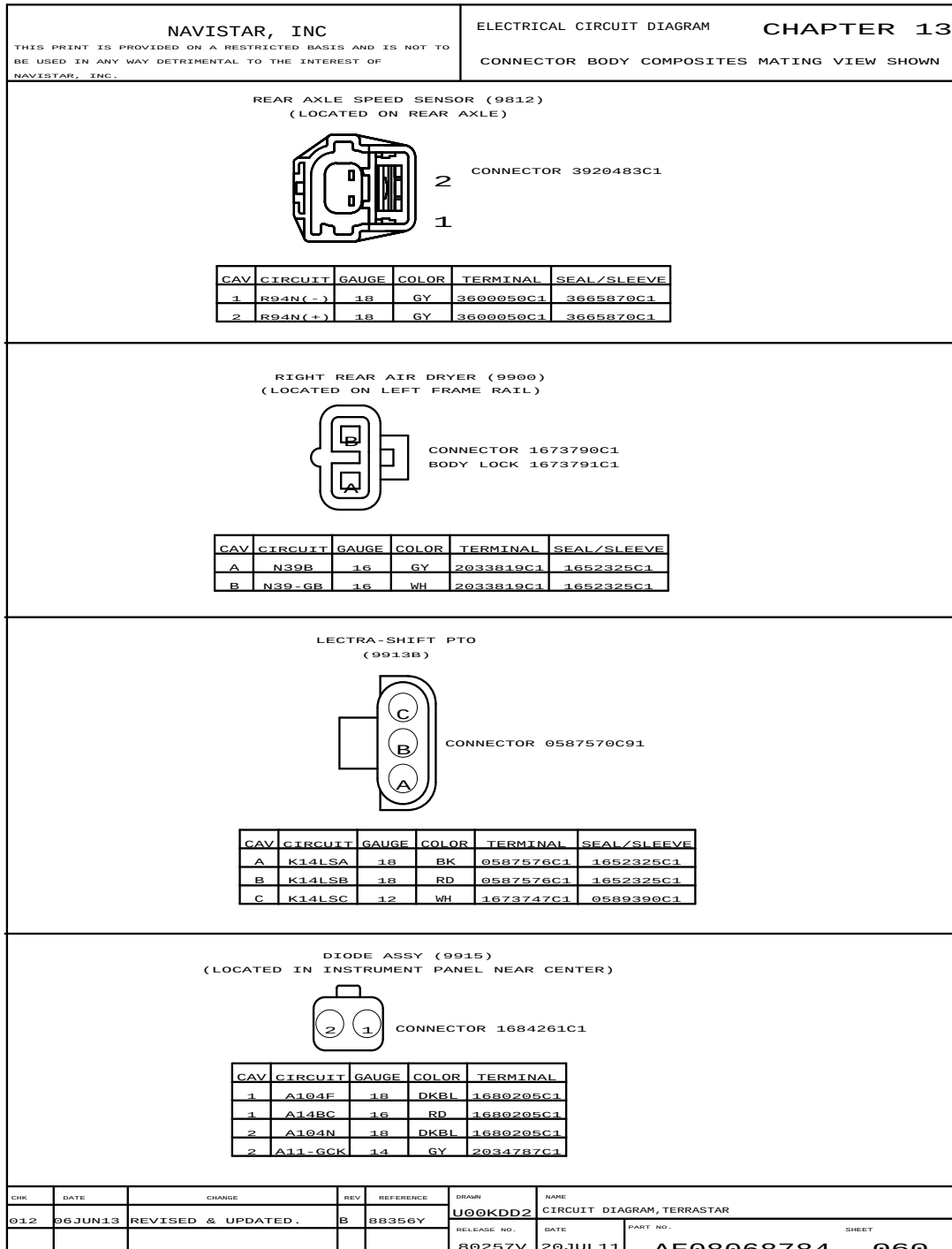


Figure 229 Connector Body Composites (9745 / 9746 / 9800)

# ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 13.77. CONNECTOR BODY COMPOSITES (9812 / 9900 / 9913B / 9915), P. 60



**Figure 230 Connector Body Composites (9812 / 9900 / 9913B / 9915)**

## 13.78. CONNECTOR BODY COMPOSITES (9916 / 9930 / 9994), P. 60A

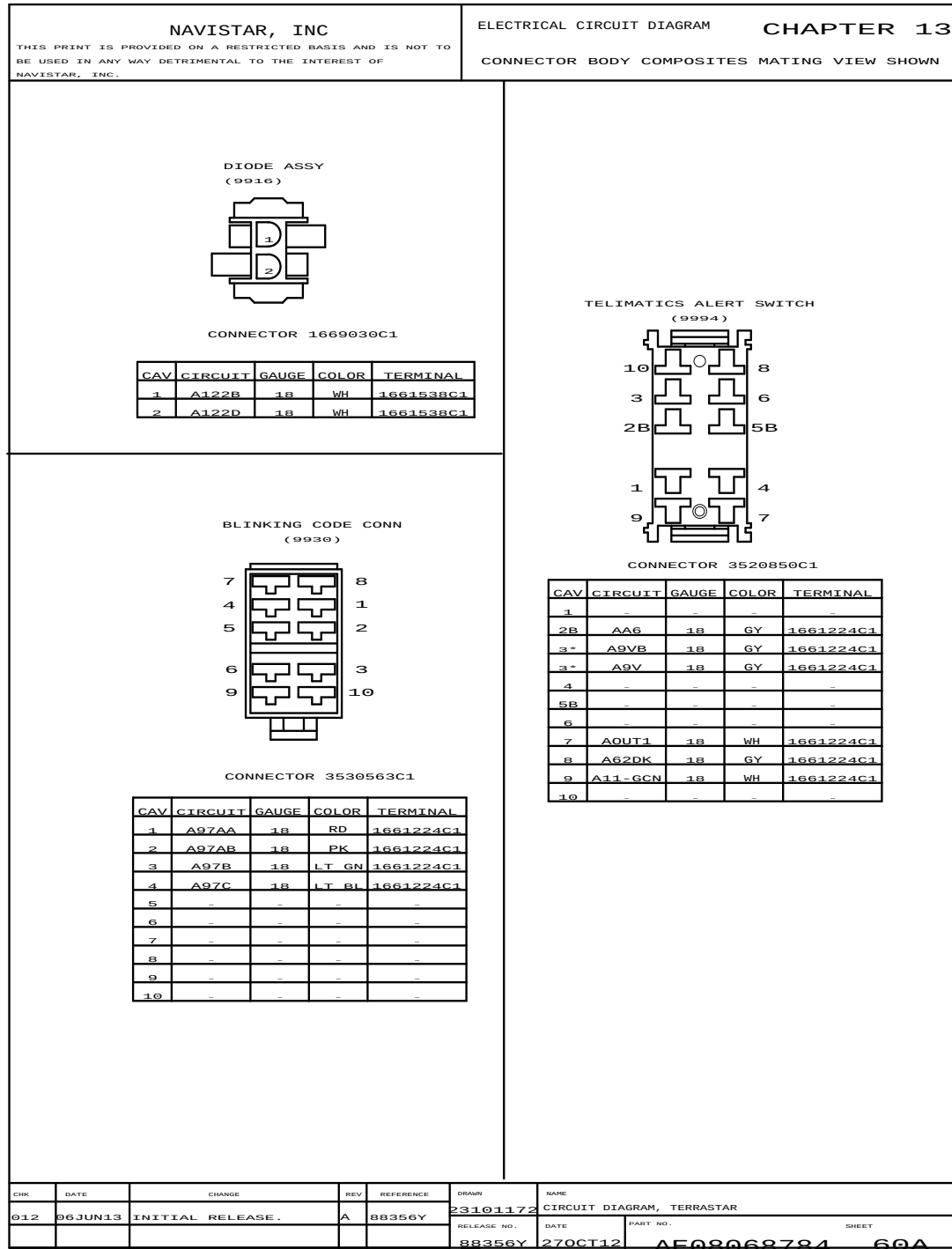


Figure 231 Connector Body Composites (9916 / 9930 / 9994)