

Electrical Circuit Diagrams

PayStar® 5900

Engine Family: MaxxForce® 11/13, 15L, N13 or ISX15 Engines with SCR

Navistar, Inc.

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INSTRUCTIONS AND CHARTS (CHAPTER 2)

2.1. ABBREVIATIONS, P. 1

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

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
DLV1	11JAN11	INITIAL RELEASE.	A	61879Y	300011	CIRCUIT DIAGRAM, PAYSTAR
					RELEASE NO.	DATE
					61879Y	12MAY09
						PART NO.
						AE08058081
						SHEET
						001

Figure 1 Abbreviations

ELECTRICAL CIRCUIT DIAGRAM MANUAL

2.2. ACRONYMS, P. 2

NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM				
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					ACRONYMS				

2.3. CIRCUIT DIAGRAM INSTRUCTIONS, P. 3

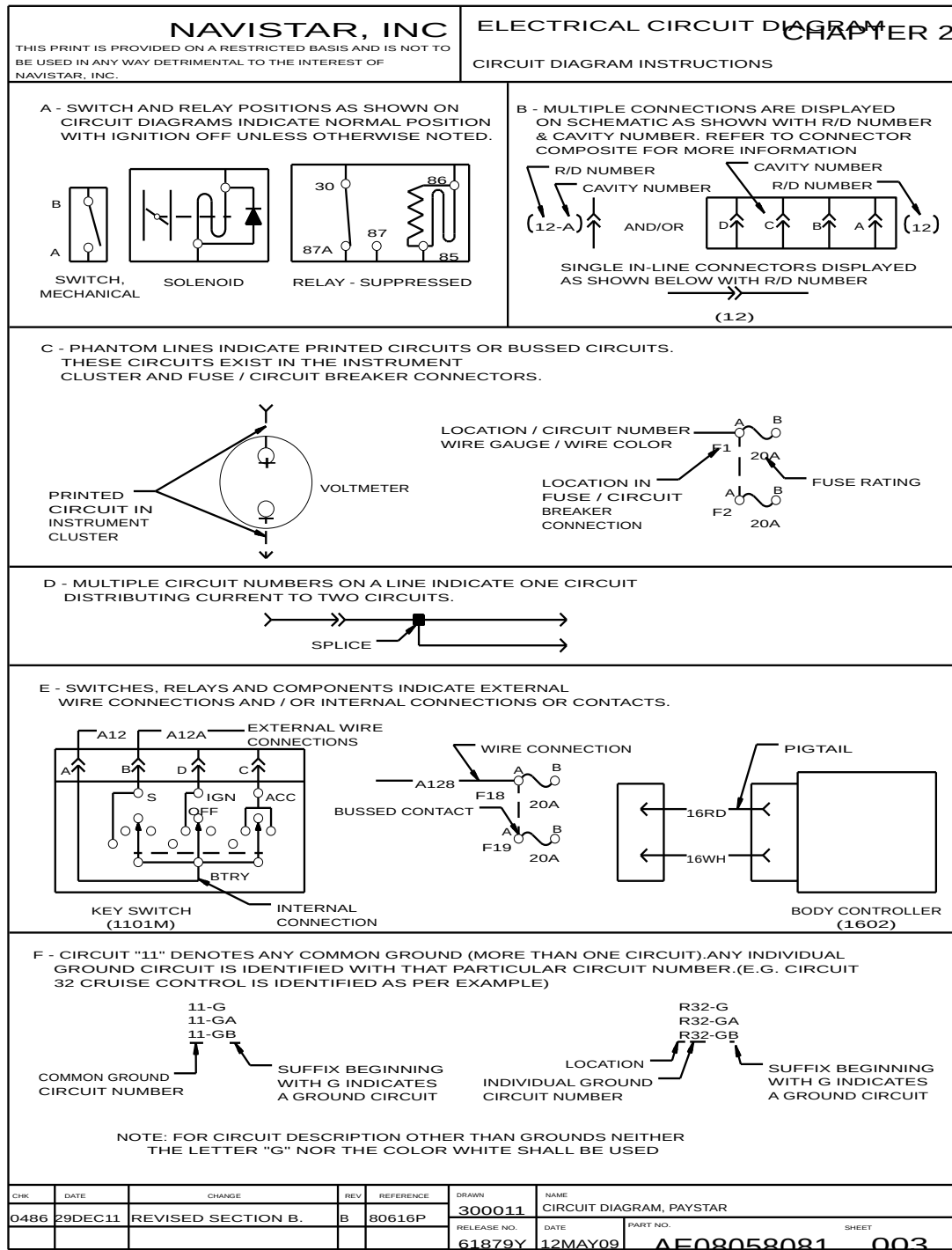


Figure 3 Circuit Diagram Instructions

ELECTRICAL CIRCUIT DIAGRAM MANUAL

2.4. CIRCUIT NUMBER IDENTIFICATION AND COLOR, P. 4

NAVISTAR, INC

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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	LOW VOLTAGE ELECTRONIC GROUND
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	INSTRUMENTS AND 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	
DLV1	11JAN11	INITIAL RELEASE.	A	61879Y	300011	CIRCUIT DIAGRAM, PAYSTAR	
					RELEASE NO.	DATE	PART NO.
					61879Y	12MAY09	AE08058081
							SHEET 004

Figure 4 Circuit Number Identification and Color

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

NAVISTAR, INC

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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 LIGHT
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	BACKUP - LIGHTS
	LTBL	BACKUP - 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

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
DLV1	11JAN11	INITIAL RELEASE.	A	61879Y	300011	CIRCUIT DIAGRAM, PAYSTAR
					RELEASE NO.	DATE
					61879Y	12MAY09
						PART NO.
						AE08058081
						SHEET
						005

Figure 5 Circuit Number Identification and Color (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM 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.				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 / AF 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		
DLV1	11JAN11	INITIAL RELEASE.	A	61879Y	300011	CIRCUIT DIAGRAM, PAYSTAR		
					RELEASE NO.	DATE	PART NO.	SHEET
					61879Y	12MAY09	AE08058081	006

Figure 6 Circuit Number Identification and Color (Cont.)

2.7. LAMP BULB CHART, P. 7

NAVISTAR, INC

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 2

LAMP BULB CHART

BULB APPLICATION	CANDLE POWER OR WATT	BULB TRADE NUMBER
BACK-UP LIGHT	32 CP	GE1156
CLEARANCE & IDENTIFICATION	3 CP	GE168
COURTESY LIGHT	21 CP	1142
DOME LIGHTS	21 CP	1142
FOG LIGHT	100 WATT	4921-1
LOW BEAMS	55 WATT	GE9007
HIGH BEAMS	65 WATT	GE9007
CIGAR LIGHTER	1 CP	1455
GAUGE BACKLIGHT	2 CP	194
GAUGE WARNING LED (RED)	2 CP	194
COLD AMBIENT PROTECTION LED (RED)	2 CP	194
FUEL FILTER LED (YELLOW)	2 CP	194
WARN ENGINE LED (YELLOW)	2 CP	194
STOP ENGINE LED (RED)	2 CP	194
BRAKE PRESSURE LED	2 CP	194
CHECK TRANSMISSION LED	2 CP	194
TRAILER ABS LED	2 CP	194
LEFT TURN SIGNAL LED (GREEN)	2 CP	194
TRACTION CONTROL LED (GREEN)	2 CP	194
WATER IN FUEL LED (YELLOW)	2 CP	194
PARK FLUID LED (RED)	2 CP	194
CHECK ELECTRICAL SYSTEM LED (YELLOW)	2 CP	194
PARK BRAKE LED (RED)	2 CP	194
CRUISE CONTROL ACTIVE LED (YELLOW)	2 CP	194
ANTILOCK BRAKING SYSTEM LED (YELLOW)	2 CP	194
RIGHT TURN LED (GREEN)	2 CP	194
COOLANT LEVEL LED (RED)	2 CP	194
SEAT BELT LED (RED)	2 CP	194
HIGH BEAM ICON LED (BLUE)	2 CP	194
CHECK AIR CONDITIONER LED (YELLOW)	2 CP	82S272109-4
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	5 WATT	7575
UNDER BUNK LIGHT	21 CP / 2 (12CP)	577 / 211
ACCENT LIGHT	2 (12CP)	211
DOME LIGHT	15 WATT	F15T8-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	NAME	
DLV1	11JAN11	INITIAL RELEASE.	A	61879Y	300011	CIRCUIT DIAGRAM, PAYSTAR	
					RELEASE NO.	DATE	PART NO.
					61879Y	12MAY09	AE08058081
						SHEET	007

Figure 7 Lamp Bulb Chart

ELECTRICAL CIRCUIT DIAGRAM MANUAL

2.8. RELAY FUNCTION AND WIRING GUIDE, P. 8

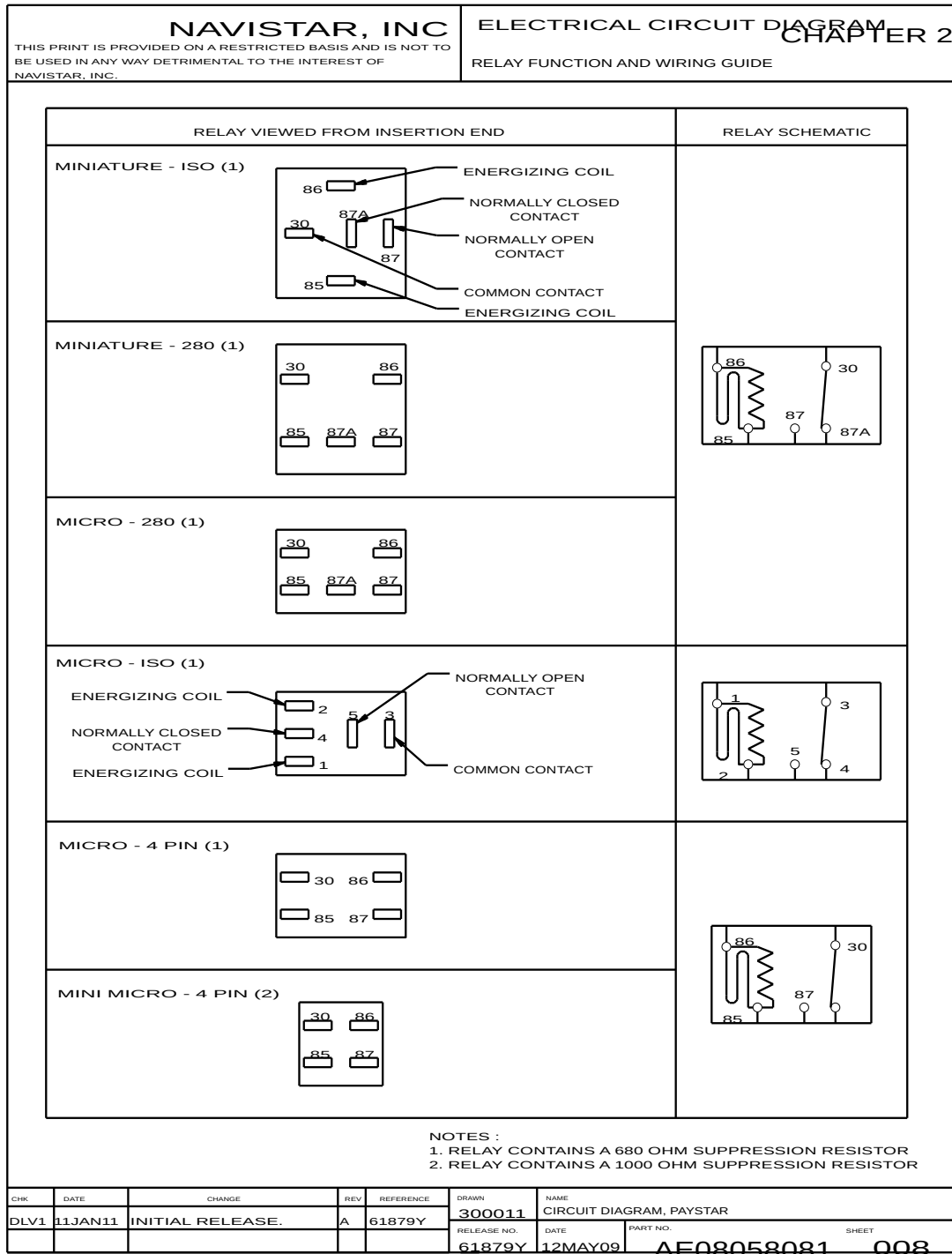


Figure 8 Relay Function and Wiring Guide

2.9. SCHEMATIC SYMBOL CHART, P. 9

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 2 SCHEMATIC SYMBOL CHART		
SYMBOL		DESCRIPTION		SYMBOL		DESCRIPTION	
		AIR DRYER				CIGAR LIGHTER	
		ALARM		TYPE 1 TYPE 2 OR 3		CIRCUIT BREAKER	
		ALTERNATOR				DIODE	
		AMMETER				DIODE, LIGHT EMITTING	
		BATTERY				FAN SOLENOID	
		BLUNT CUT CIRCUIT				FEMALE TERMINAL	
		BUSBAR				FUSE	
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
DLV1	11JAN11	INITIAL RELEASE.	A	61879Y	300011	CIRCUIT DIAGRAM, PAYSTAR	
					RELEASE NO.	DATE	PART NO.
					61879Y	12MAY09	AE08058081
							009

Figure 9 Schematic Symbol Chart

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

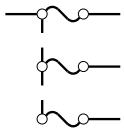
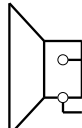
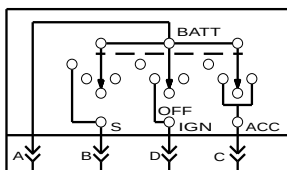
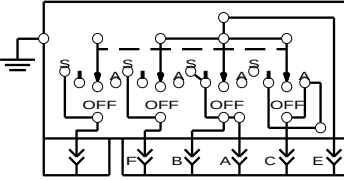
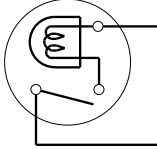
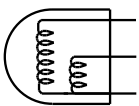
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 2 SCHEMATIC SYMBOL CHART (CONT)				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.									
SYMBOL	DESCRIPTION				SYMBOL	DESCRIPTION			
	FUSES W/ BUSBAR					HORN			
	FUSIBLE LINK					KEY SWITCH			
	GROUND N/ STUD					KEY SWITCH, COMPLEX			
	GROUND W/ STUD					LIGHT W/ SWITCH			
	HEATER					LIGHT, DOUBLE FILAMENT			
	HOLDER, FUSE W/ BUSBAR					LIGHT, SINGLE FILAMENT			
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME			
DLV1	11JAN11	INITIAL RELEASE.	A	61879Y	300011	CIRCUIT DIAGRAM, PAYSTAR			
					RELEASE NO.	DATE	PART NO.	SHEET	
					61879Y	12MAY09	AE08058081	010	

Figure 10 Schematic Symbol Chart (Cont.)

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

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 (CONT)									
SYMBOL					DESCRIPTION				
					MALE TERMINAL				
					MOTOR				
					PASS THRU CONNECTION				
					PRESSURE SWITCH				
					RELAY, FIVE TERMINAL				
					RELAY, FOUR TERMINAL				
					RELAY, LATCHING				
SYMBOL					DESCRIPTION				
					RESISTOR				
					SENDER - FUEL, OIL, TEMP, WATER				
					SENSOR, PRESSURE. ABS 6				
					SENSOR, MAGNETIC				
					SENSOR, YAW				
					SOLENOID				
					SOLENOID W/ DIODE				
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME			
DLV1	11JAN11	INITIAL RELEASE.	A	61879Y	300011	CIRCUIT DIAGRAM, PAYSTAR			
					RELEASE NO.	DATE	PART NO.	SHEET	
					61879Y	12MAY09	AE08058081	011	

Figure 11 Schematic Symbol Chart (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

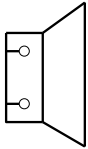
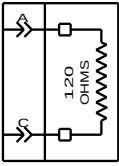
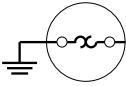
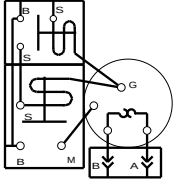
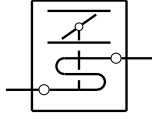
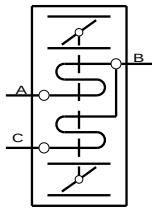
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 2				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					SCHEMATIC SYMBOL CHART (CONT)				
SYMBOL	DESCRIPTION				SYMBOL	DESCRIPTION			
	SPEAKER					SWITCH, PUSH BUTTON			
	SPLICE					TERMINATING RESISTOR			
	STUD					THERMOSTAT			
	START MOTOR W/ TOCP					VALVE, ETHER BOTTLE			
	SWITCH, MECHANICAL (NORMALLY OPEN)					VALVE, MODULATOR			
	SWITCH, MECHANICAL (NORMALLY CLOSED)					THERMISTOR			
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME			
DLV1	11JAN11	INITIAL RELEASE.	A	61879Y	300011	CIRCUIT DIAGRAM, PAYSTAR			
					RELEASE NO.	DATE	PART NO.	SHEET	
					61879Y	12MAY09	AE08058081	012	

Figure 12 Schematic Symbol Chart (Cont.)

12 VOLT POWER DISTRIBUTION (CHAPTER 3)

3.1. BATTERY FEED WITH ENGINE BRAKE, P. 1

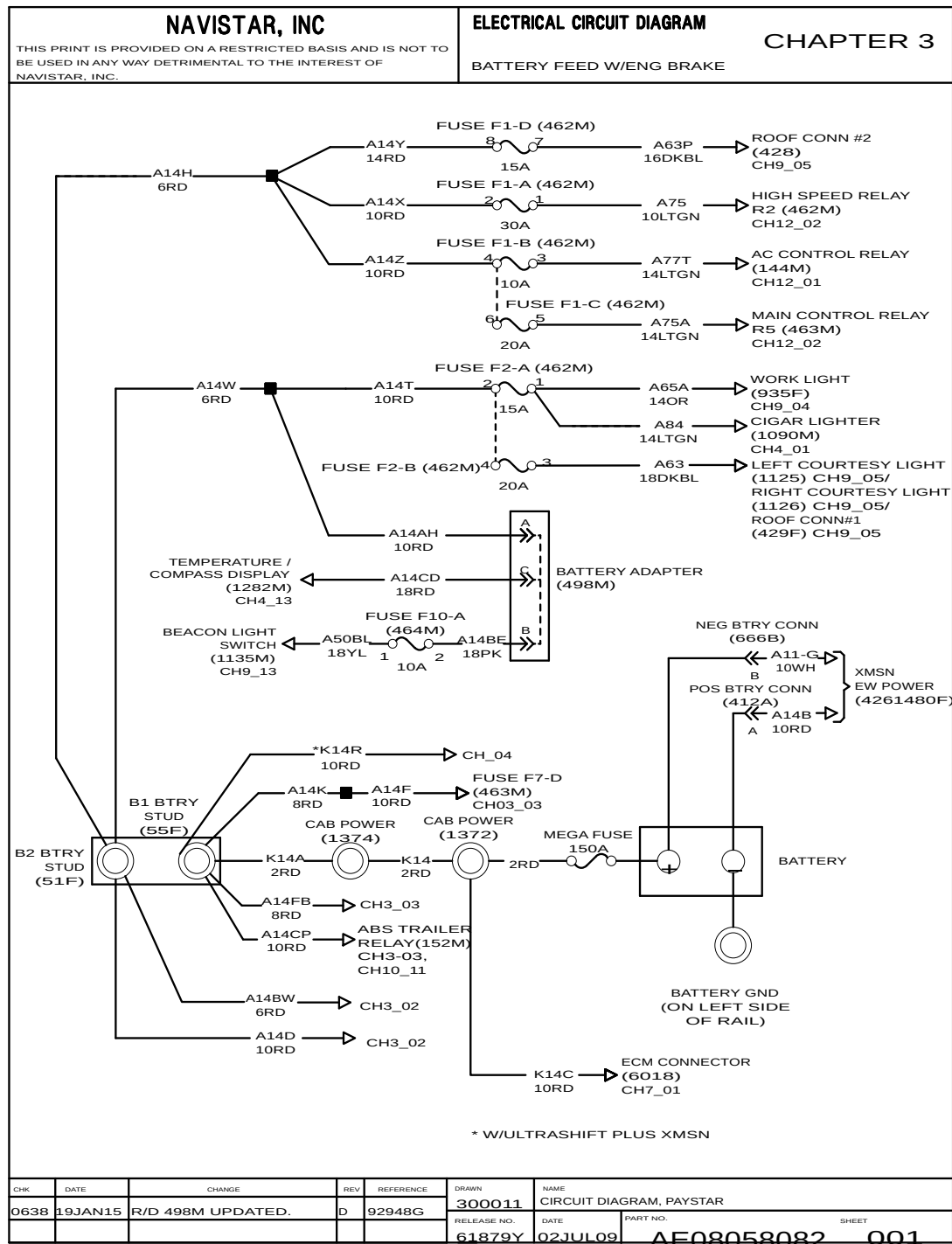


Figure 13 Battery Feed with Engine Brake

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.2. BATTERY FEED WITH ENGINE BRAKE WITH 500K BAUD RATE, P. 1A

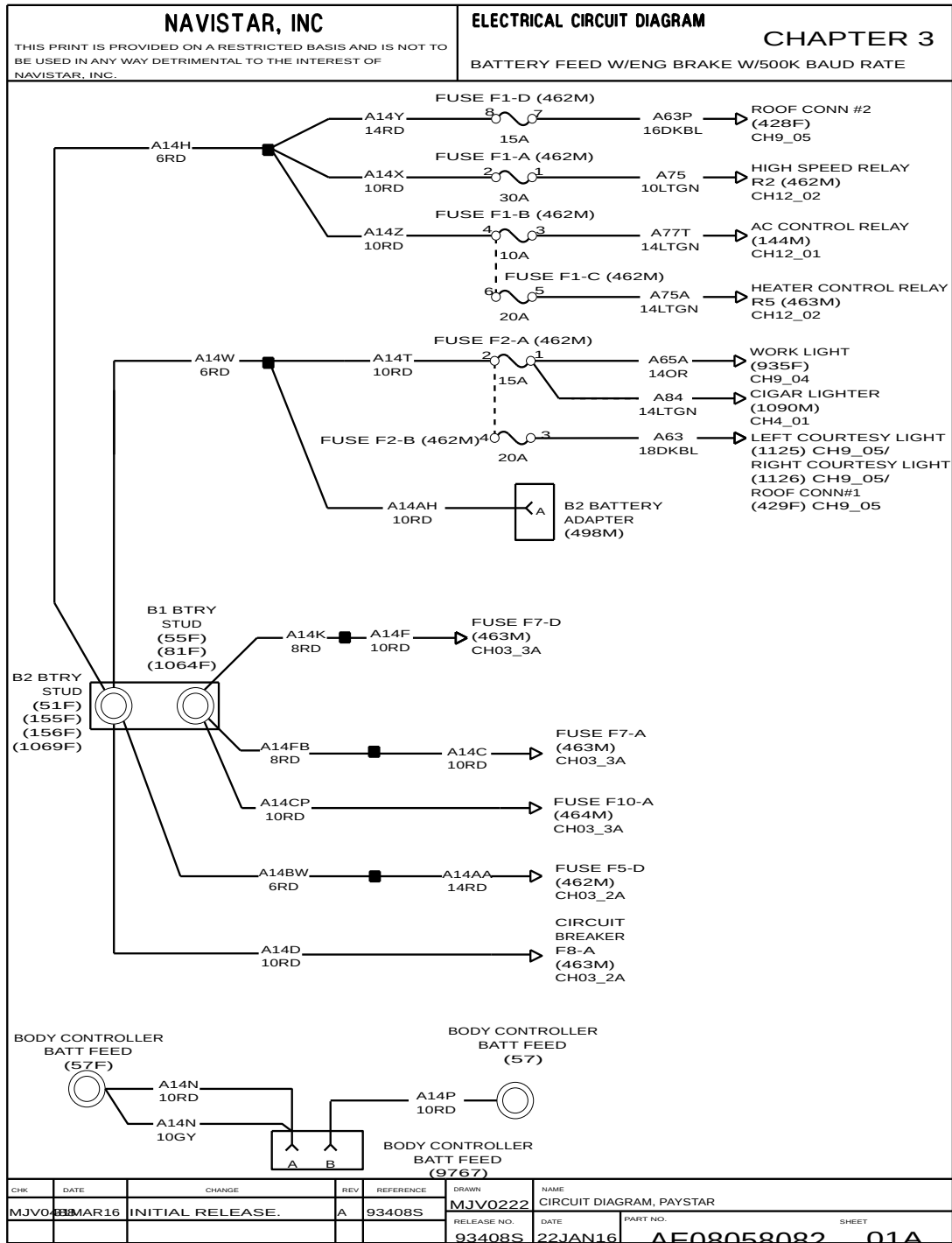


Figure 14 Battery Feed with Engine Brake with 500K Baud Rate

3.3. BATTERY FEED WITH ENGINE BRAKE (CONT.), P. 2

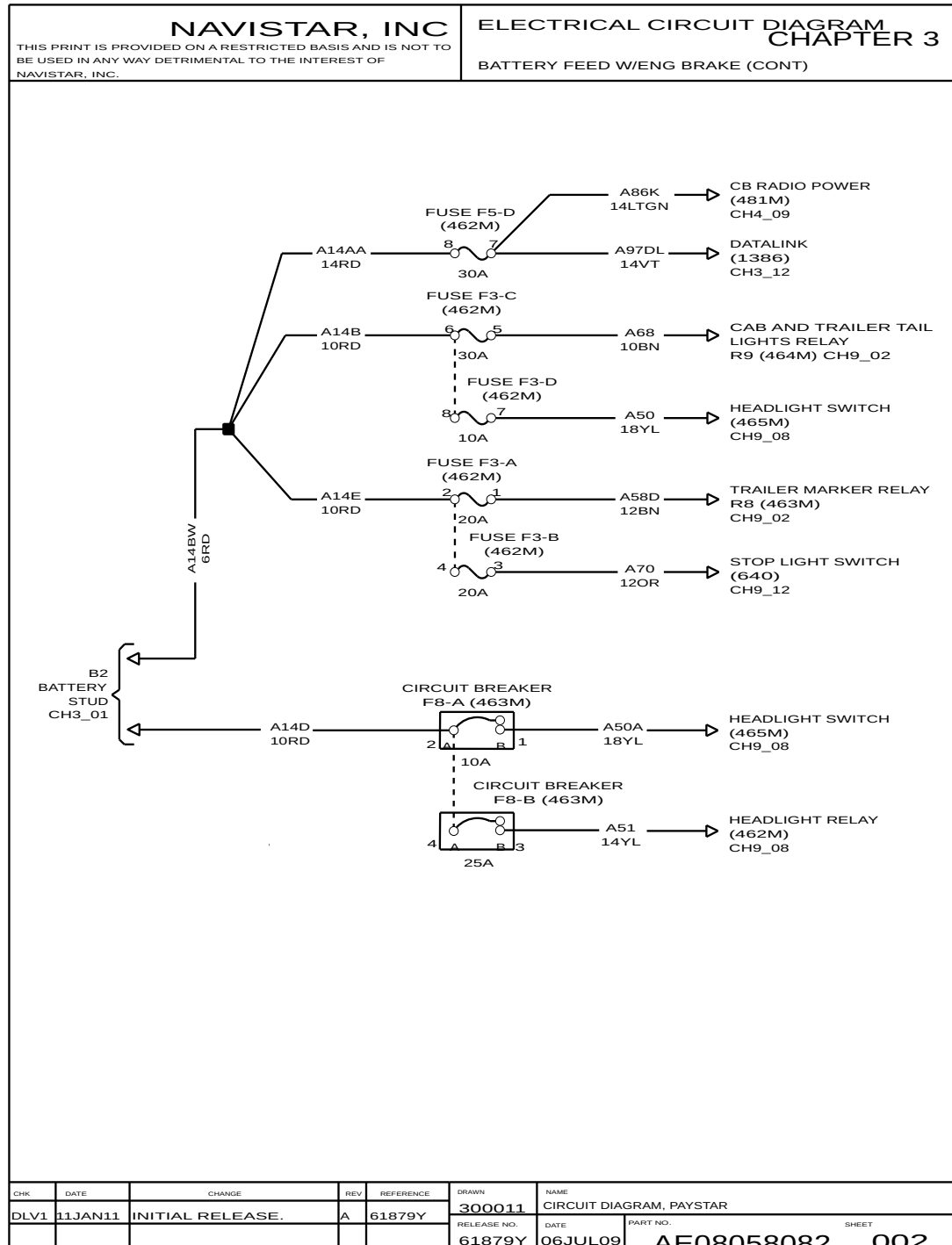


Figure 15 Battery Feed with Engine Brake (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.4. BATTERY FEED WITH ENGINE BRAKE WITH 500K BAUD RATE (CONT.), P. 2A

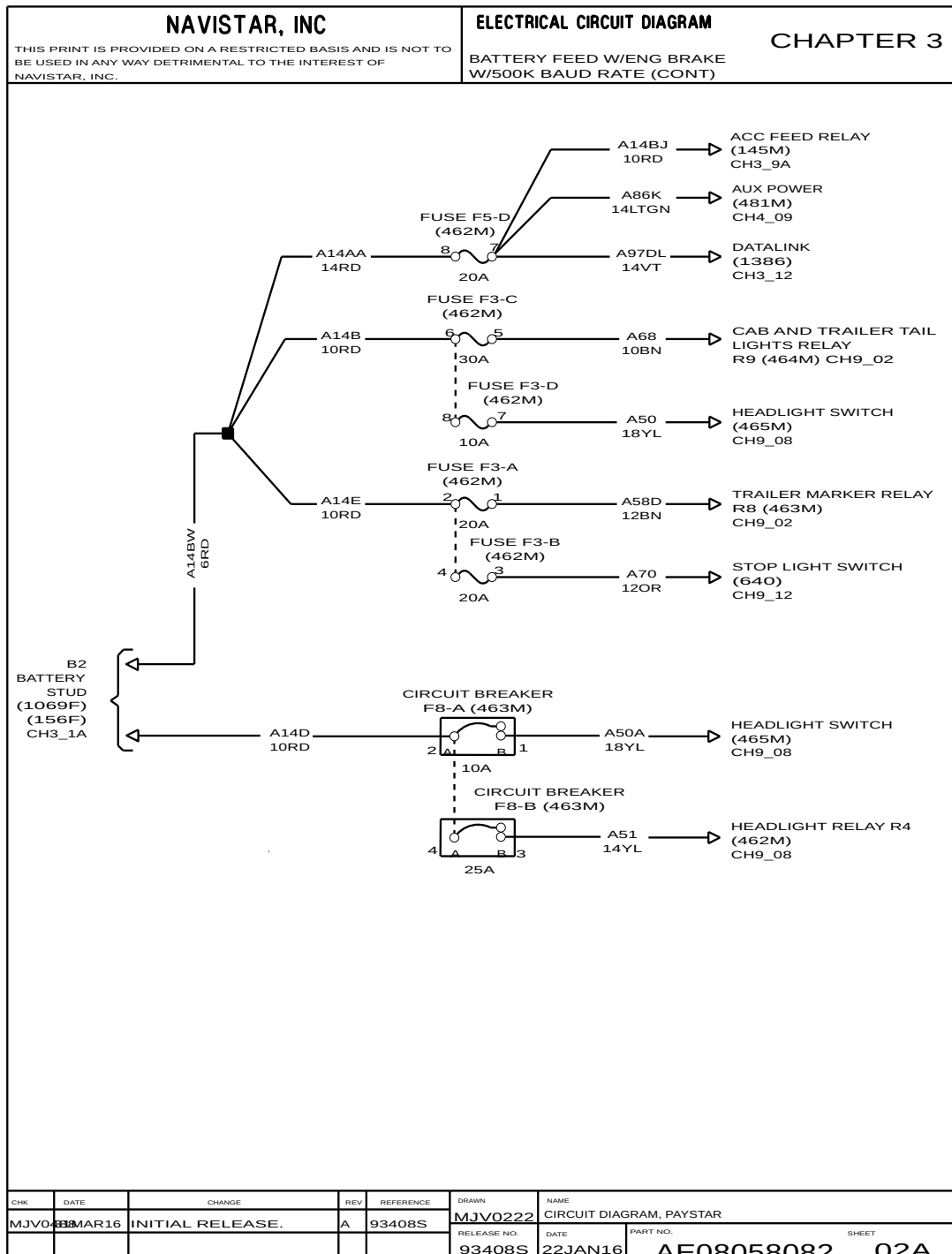


Figure 16 Battery Feed with Engine Brake with 500K Baud Rate (Cont.)

3.5. BATTERY FEED WITH ENGINE BRAKE (CONT.), P. 3

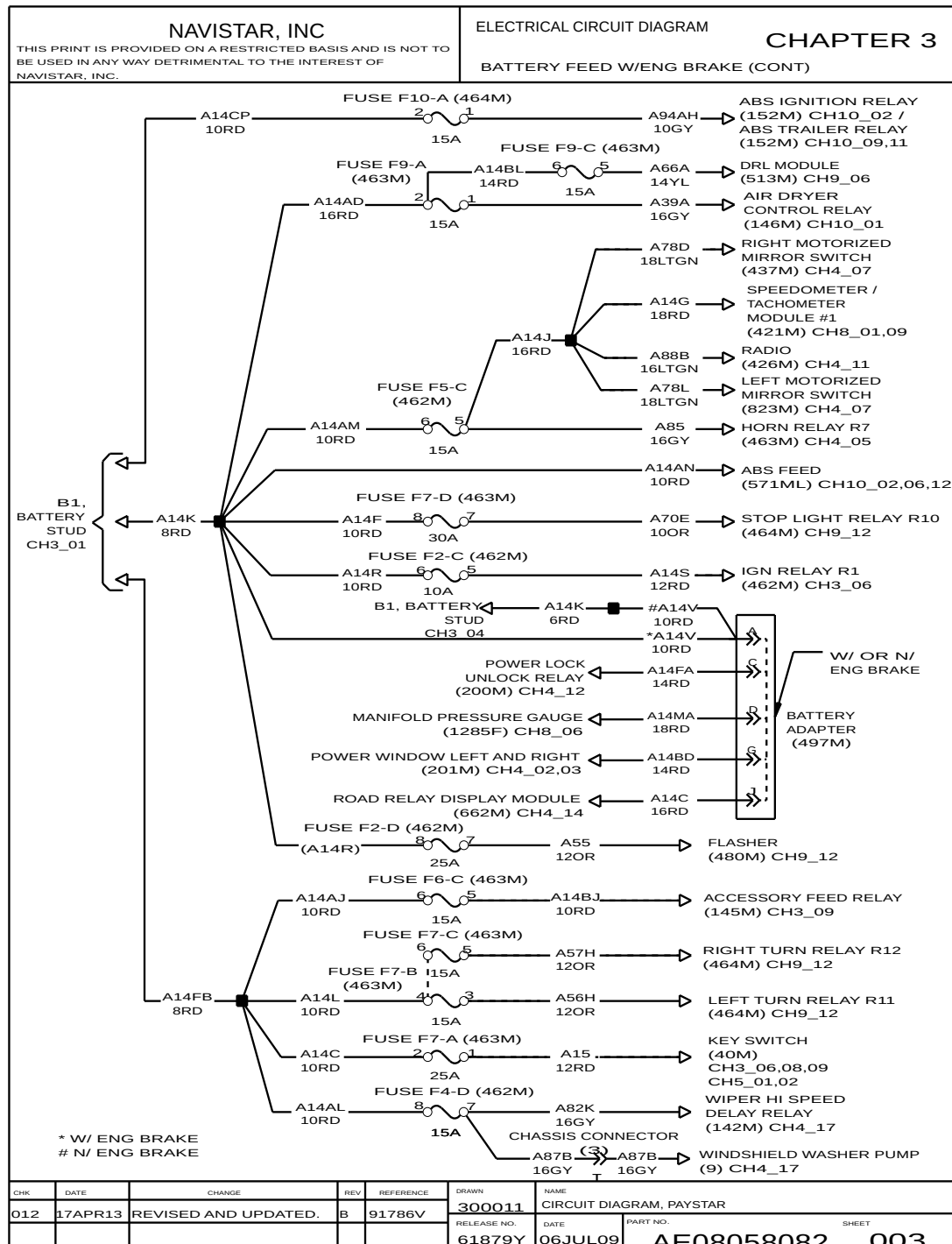


Figure 17 Battery Feed with Engine Brake (Cont.)

3.7. BATTERY FEED WITHOUT ENGINE BRAKE, P. 4

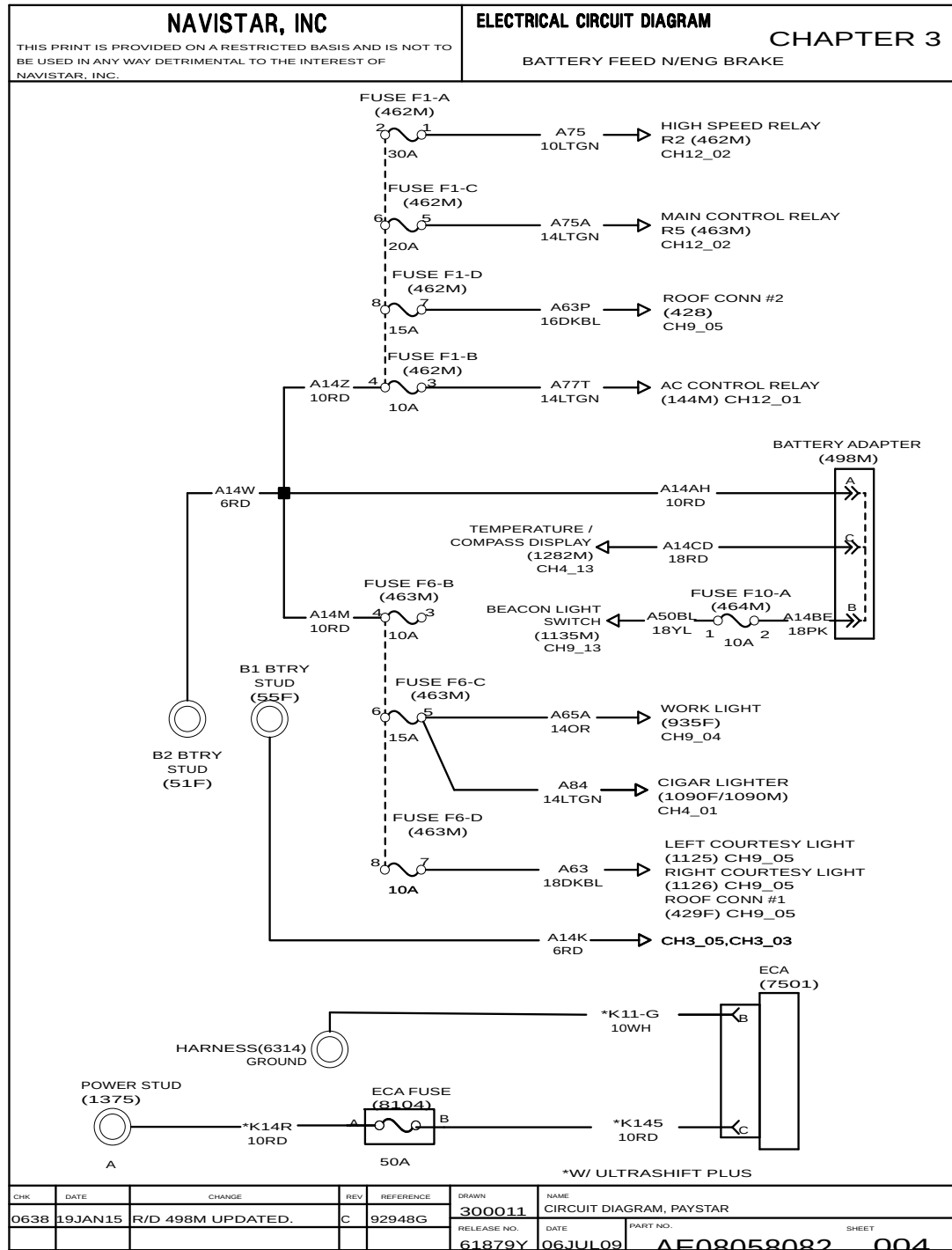


Figure 19 Battery Feed without Engine Brake

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.8. BATTERY FEED WITHOUT ENGINE BRAKE WITH 500K BAUD RATE, P. 4A

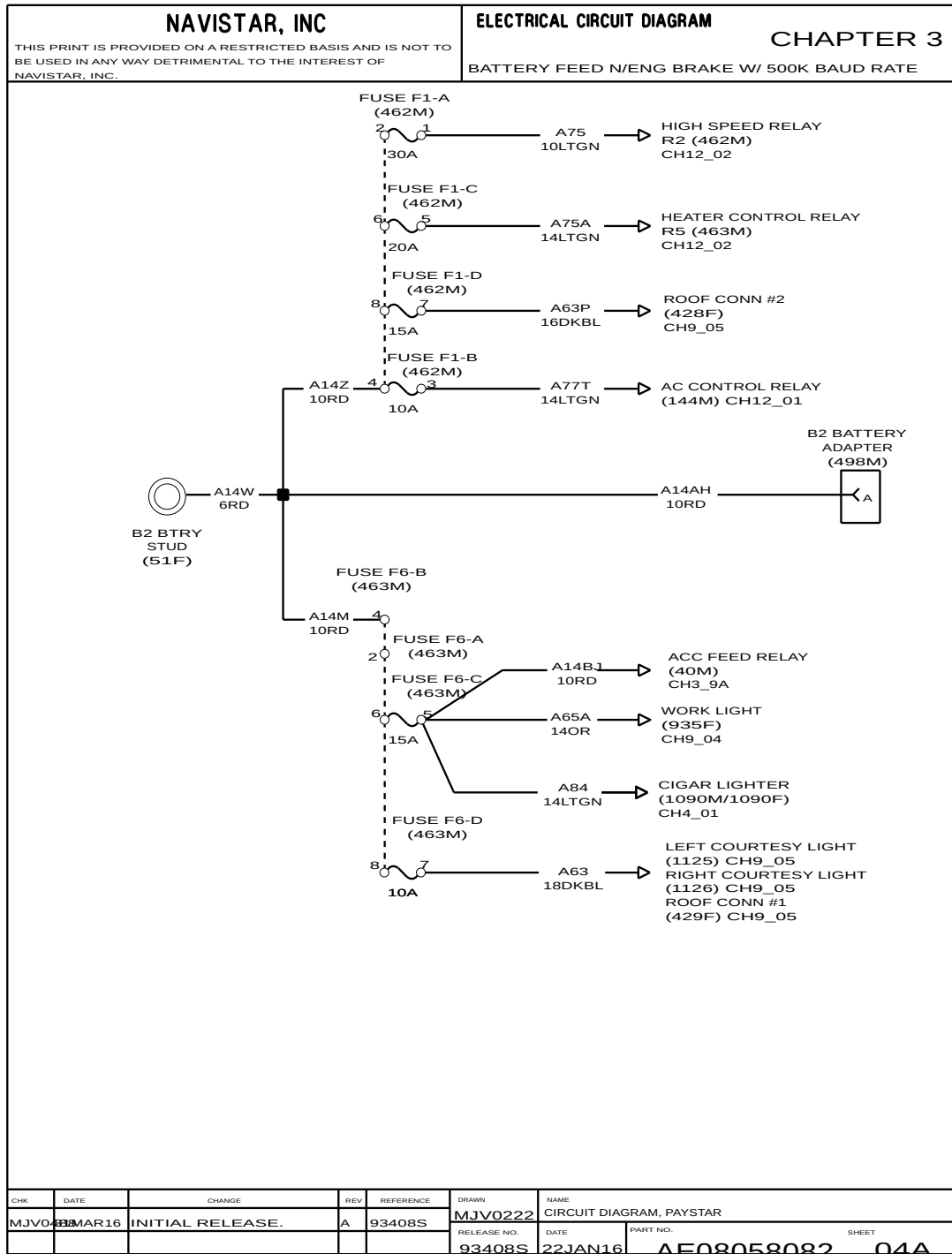


Figure 20 Battery Feed without Engine Brake with 500K Baud Rate

3.9. BATTERY FEED WITHOUT ENGINE BRAKE, P. 5

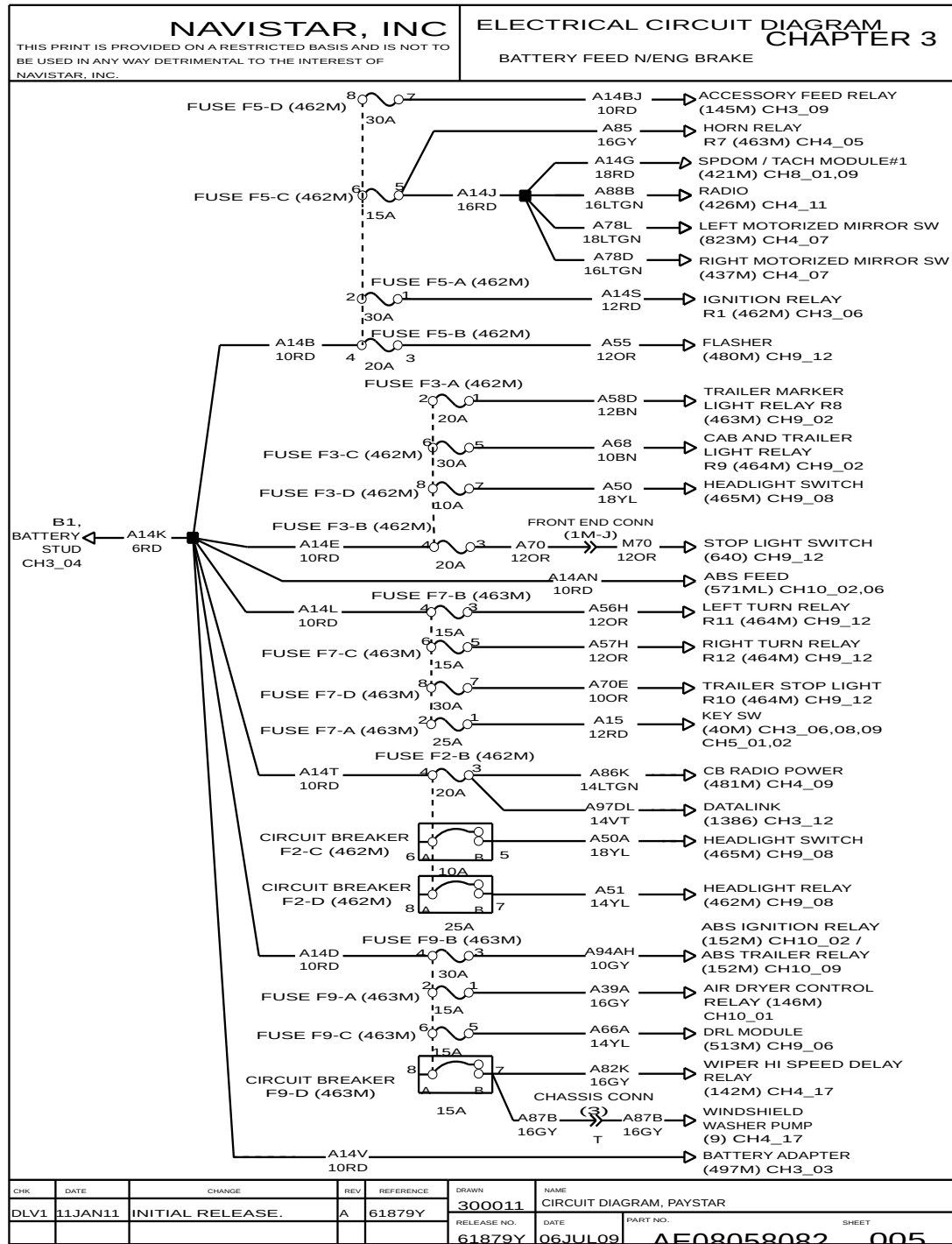


Figure 21 Battery Feed without Engine Brake

ELECTRICAL CIRCUIT DIAGRAM MANUAL

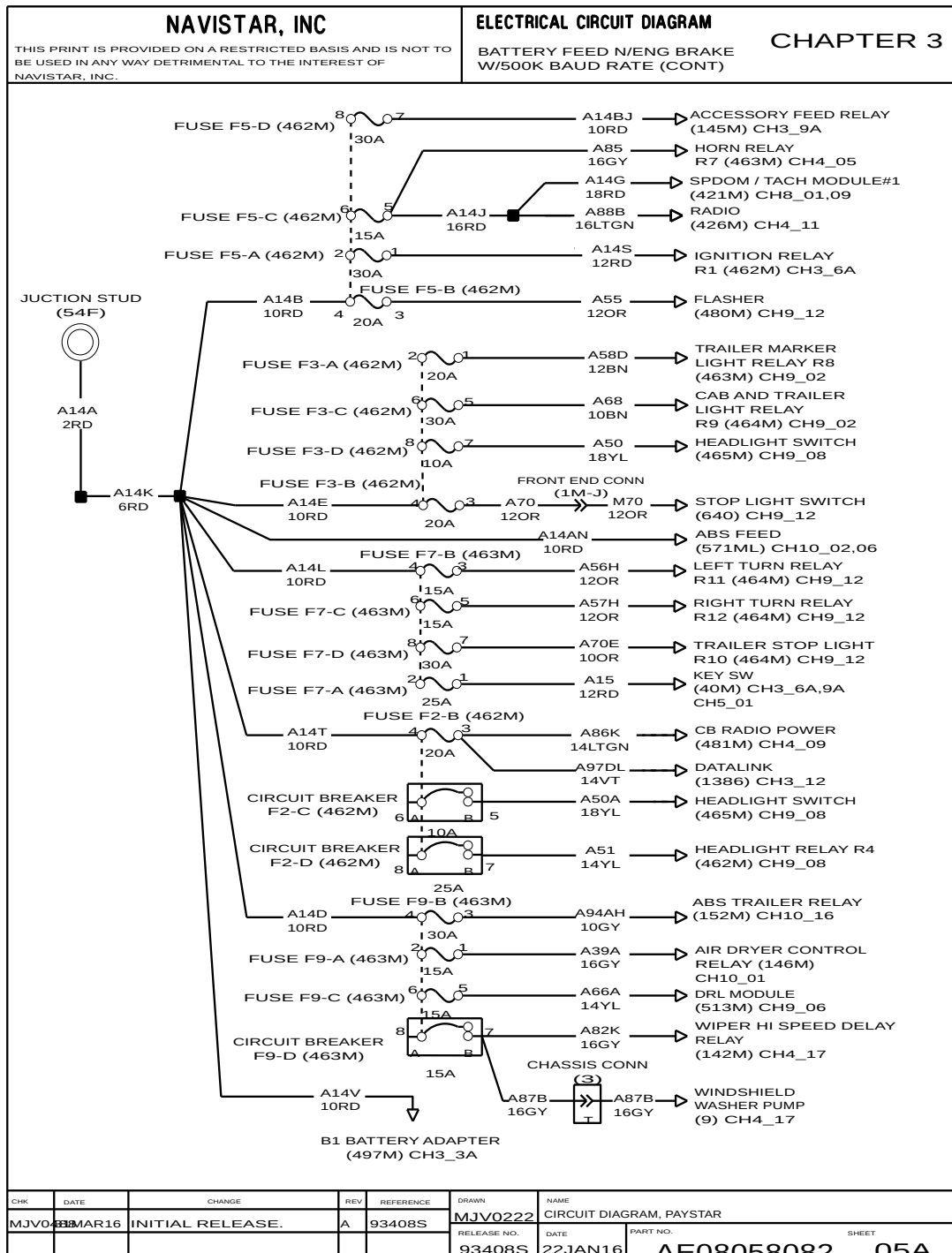
3.10. BATTERY FEED WITHOUT ENGINE BRAKE WITH 500K BAUD RATE (CONT.),
P. 5A

Figure 22 Battery Feed without Engine Brake with 500K Baud Rate (Cont.)

3.11. IGNITION FEED, P. 6

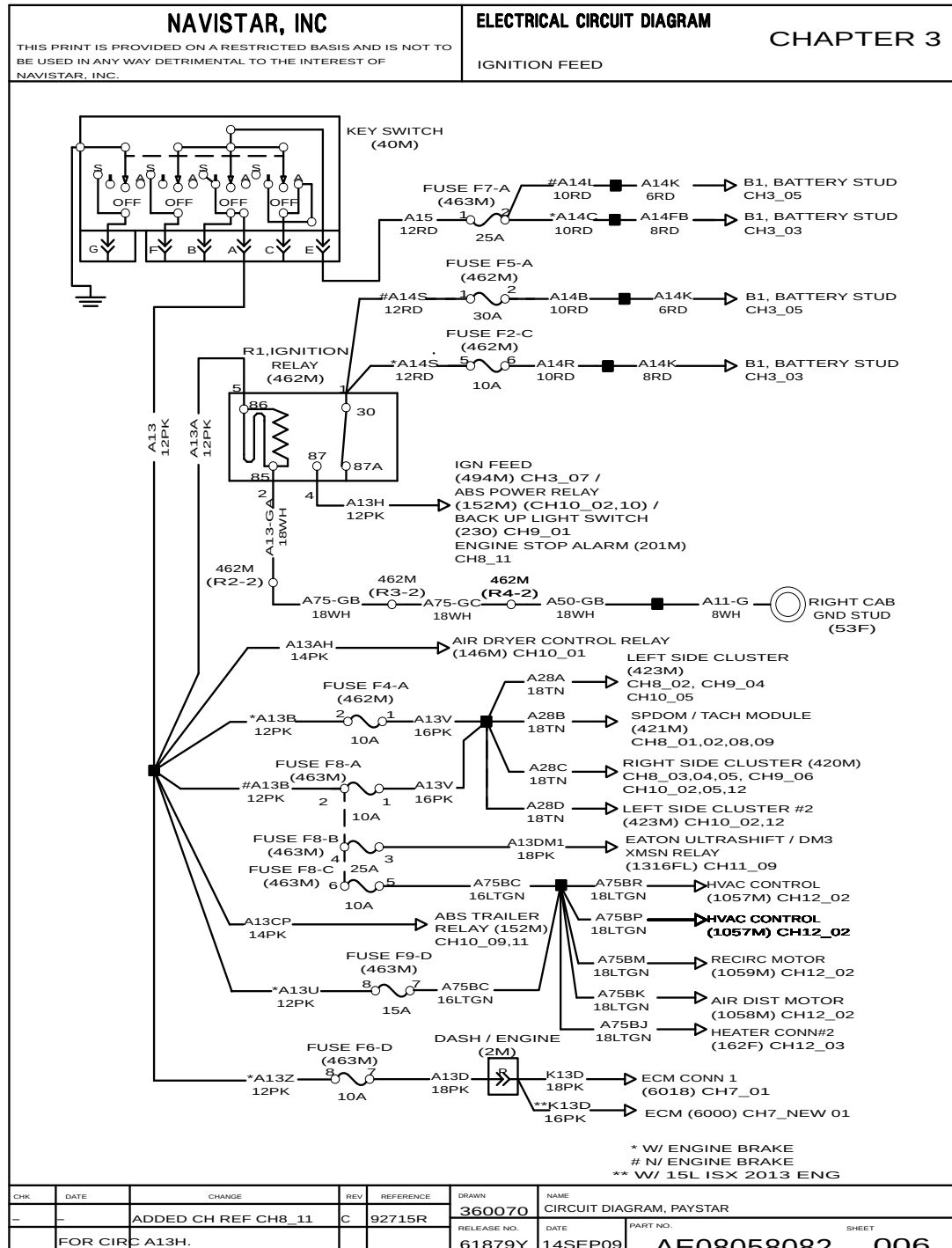


Figure 23 Ignition Feed

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.12. IGNITION FEED WITH 500K BAUD RATE, P. 6A

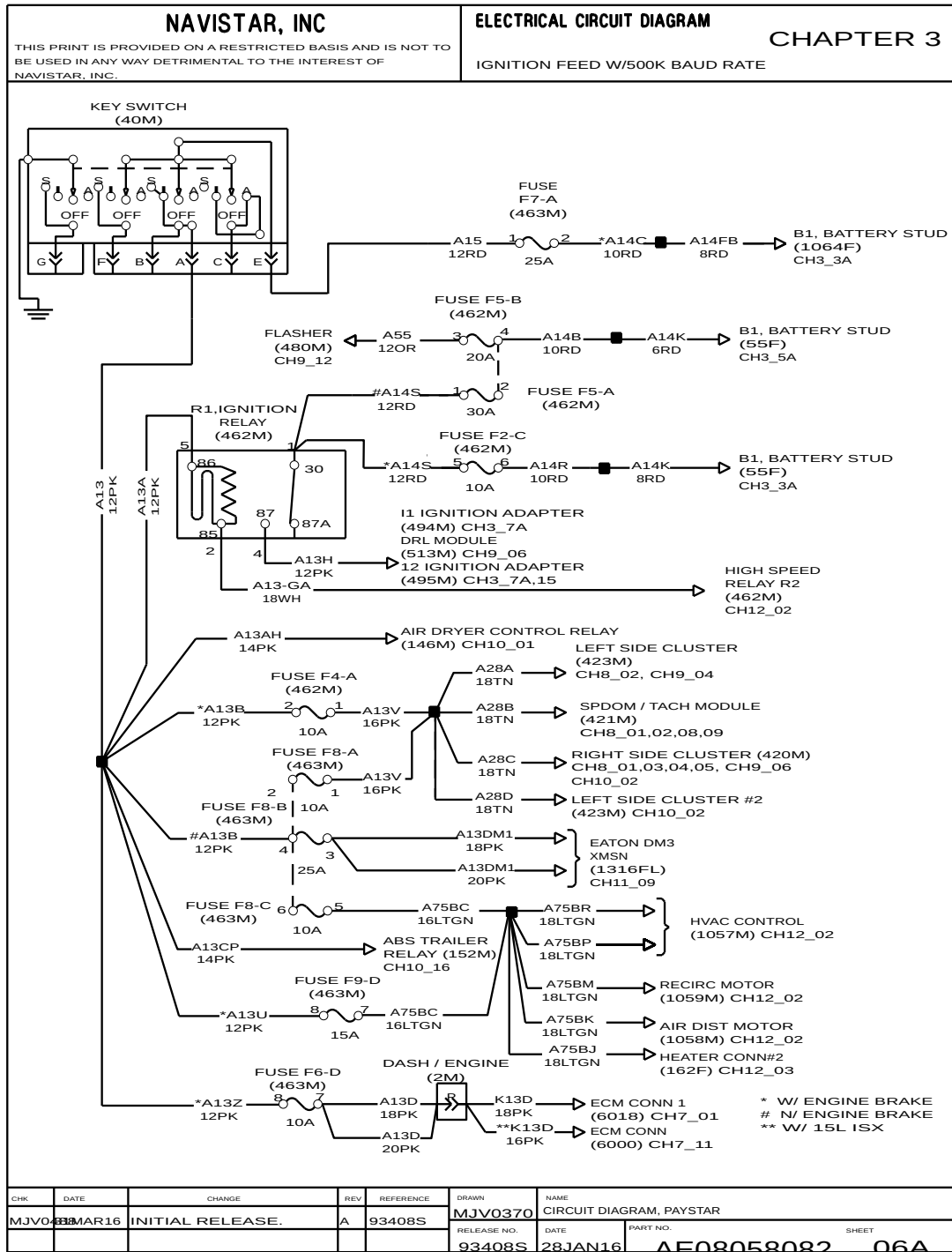


Figure 24 Ignition Feed with 500K Baud Rate

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 3

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IGNITION FEED (CONT)

I1. IGNITION

IGNITION ADAPTER (495M)

- A13L 14PK → FUSE F10-A (464M) → @A12H 18TN → ETHER START CH8_10
- %A13MA 18PK → FUSE F10-A (464M) → @A28M 18TN → MANIFOLD PRESSURE GAUGE (1285F) CH8_06
- FUSE F10-C (464M) → A13Z 12PK → #A13ZA 12PK → A95H 18TN → A95HT 18GY → HIGH EXHAUST TEMP LIGHT (1404) CH7_10
- A95HV 18GY → PARTICULATE TRAP WARNING LIGHT (1405) CH7_10
- A95 18TN → J1 MSM MODULE CONNECTOR (1406) CH7_10
- A97F 18VT → WATER IN FUEL (1456) CH7_05
- A44EB 18PK → ECM PARK BRAKE RELAY (148M) CH7_06
- A97CL 18VT → CLUTCH SW (294F) CH7_08
- A24AM 18GY → ENGINE BRAKE ON / OFF (434M) CH7_06
- A97CR 18VT → CRUISE ON / OFF (435M) CH7_08
- A97S 18VT → WAIT TO START (1455) CH7_05
- DASH / FRONT END
- A97AF 18VT → M97-GF 18VT → PARK BRAKE SW (141F) CH7_06
- K23T 18TN → AC PRESS SW (228) CH7_04
- K13F 18PK → ENGINE SENSOR INTERFACE (6033) CH7_07
- K13FA 18PK → ENGINE SENSOR INTERFACE (6033) CH7_07
- A13W 14PK → ABS CONTROL MODULE (134B) CH10_12
- FUSE F10-D (464M) → A13DS 12PK → A13BB 18PK → A13D4 18PK → DASH / ENGINE
- A13CD 18PK → TEMP/COMPASS DISPLAY (1282M) CH4_13
- A13X 18PK → POWER DIVIDER LOCK BUZZER (562M) CH8_03
- A13NA 18PK → DEF GAUGE BATT FEED (9766) CH04_18
- FUSE F10-A (464M) → A13AB 14PK → A25 18TN → PYROMETER CONTROL MODULE (15M) CH8_07
- A13F 12PK → FUSE F5-A (462M) → A13BN 12PK → A78C 16LTGN → DUAL AXIS MOTORIZED MIRROR SW (1137) CH4_08
- A78 16LTGN → HEATED MIRROR SW (438M) CH4_06
- FUSE F4-C (462M) → #A13J 12PK → A71 18OR → BACK-UP LIGHT SW (230) CH9_01
- A78 16LTGN → HEATED MIRROR SW (438M) CH4_06
- FUSE F4-D (462M) → A78C 16LTGN → DUAL AXIS MOTORIZED MIRROR SW (1137) CH4_08
- FUSE F9-B (463M) → A13BL 14PK → A66D 14YL → DRL MODULE (513M) CH9_06
- FUSE F4-A (462M) → #A13BL 14PK → A66D 14YL → DRL MODULE (513M) CH9_06
- IGN RELAY R1 (462M) CH3_06 → A13H 12PK → IGNITION ADAPTER (495M)
- A13P 12PK → FUSE F10-B (464M) → A13PB 18PK → ROAD RELAY DISPLAY MODULE (662M) CH4_14
- FUSE F10-A (464M) → A13BA 14PK → A13BE 18PK → CTD RELAY (201M) CH11_03 / XMSN OVER HEAT LIGHT (881F) CH11_03
- A13BG 14PK → A13BH 18PK → CTD RELAY (201M) CH11_03
- A13EF 18PK → A38A 18LTGN → DRIVERS HEATED SEAT CONNECTOR (1331F) CH4_15
- FUSE F10-A (464M) → A13CT 14PK → A49A 14WH → FRONT REAR AXLE (100F) CH10_26 / CENTRE REAR AXLE (101F) CH10_26 / REAR REAR AXLE (102F) CH10_26

IGNITION ADAPTER (495M)

- A13P 12PK → FUSE F10-B (464M) → A13PB 18PK → ROAD RELAY DISPLAY MODULE (662M) CH4_14
- FUSE F10-A (464M) → A13BA 14PK → A13BE 18PK → CTD RELAY (201M) CH11_03 / XMSN OVER HEAT LIGHT (881F) CH11_03
- A13BG 14PK → A13BH 18PK → CTD RELAY (201M) CH11_03
- A13EF 18PK → A38A 18LTGN → DRIVERS HEATED SEAT CONNECTOR (1331F) CH4_15
- FUSE F10-A (464M) → A13CT 14PK → A49A 14WH → FRONT REAR AXLE (100F) CH10_26 / CENTRE REAR AXLE (101F) CH10_26 / REAR REAR AXLE (102F) CH10_26

IGNITION RELAY R1 (462M) CH3_06

- A13H 12PK → IGNITION ADAPTER (495M)
- A13P 12PK → FUSE F10-B (464M) → A13PB 18PK → ROAD RELAY DISPLAY MODULE (662M) CH4_14
- FUSE F10-A (464M) → A13BA 14PK → A13BE 18PK → CTD RELAY (201M) CH11_03 / XMSN OVER HEAT LIGHT (881F) CH11_03
- A13BG 14PK → A13BH 18PK → CTD RELAY (201M) CH11_03
- A13EF 18PK → A38A 18LTGN → DRIVERS HEATED SEAT CONNECTOR (1331F) CH4_15
- FUSE F10-A (464M) → A13CT 14PK → A49A 14WH → FRONT REAR AXLE (100F) CH10_26 / CENTRE REAR AXLE (101F) CH10_26 / REAR REAR AXLE (102F) CH10_26

IGNITION ADAPTER (495M)

- A13P 12PK → FUSE F10-B (464M) → A13PB 18PK → ROAD RELAY DISPLAY MODULE (662M) CH4_14
- FUSE F10-A (464M) → A13BA 14PK → A13BE 18PK → CTD RELAY (201M) CH11_03 / XMSN OVER HEAT LIGHT (881F) CH11_03
- A13BG 14PK → A13BH 18PK → CTD RELAY (201M) CH11_03
- A13EF 18PK → A38A 18LTGN → DRIVERS HEATED SEAT CONNECTOR (1331F) CH4_15
- FUSE F10-A (464M) → A13CT 14PK → A49A 14WH → FRONT REAR AXLE (100F) CH10_26 / CENTRE REAR AXLE (101F) CH10_26 / REAR REAR AXLE (102F) CH10_26

IGNITION RELAY R1 (462M) CH3_06

- A13H 12PK → IGNITION ADAPTER (495M)
- A13P 12PK → FUSE F10-B (464M) → A13PB 18PK → ROAD RELAY DISPLAY MODULE (662M) CH4_14
- FUSE F10-A (464M) → A13BA 14PK → A13BE 18PK → CTD RELAY (201M) CH11_03 / XMSN OVER HEAT LIGHT (881F) CH11_03
- A13BG 14PK → A13BH 18PK → CTD RELAY (201M) CH11_03
- A13EF 18PK → A38A 18LTGN → DRIVERS HEATED SEAT CONNECTOR (1331F) CH4_15
- FUSE F10-A (464M) → A13CT 14PK → A49A 14WH → FRONT REAR AXLE (100F) CH10_26 / CENTRE REAR AXLE (101F) CH10_26 / REAR REAR AXLE (102F) CH10_26

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	PART NO.	SHEET
0638	07MAY15	ADDED CAVITY J IN	C	92948U	360070	CIRCUIT DIAGRAM, PAYSTAR		
					RELEASE NO.	DATE	PART NO.	SHEET
					61879Y	18SEP09	A508058082	007

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ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.14. IGNITION FEED WITH 500K BAUD RATE (CONT.), P. 7A

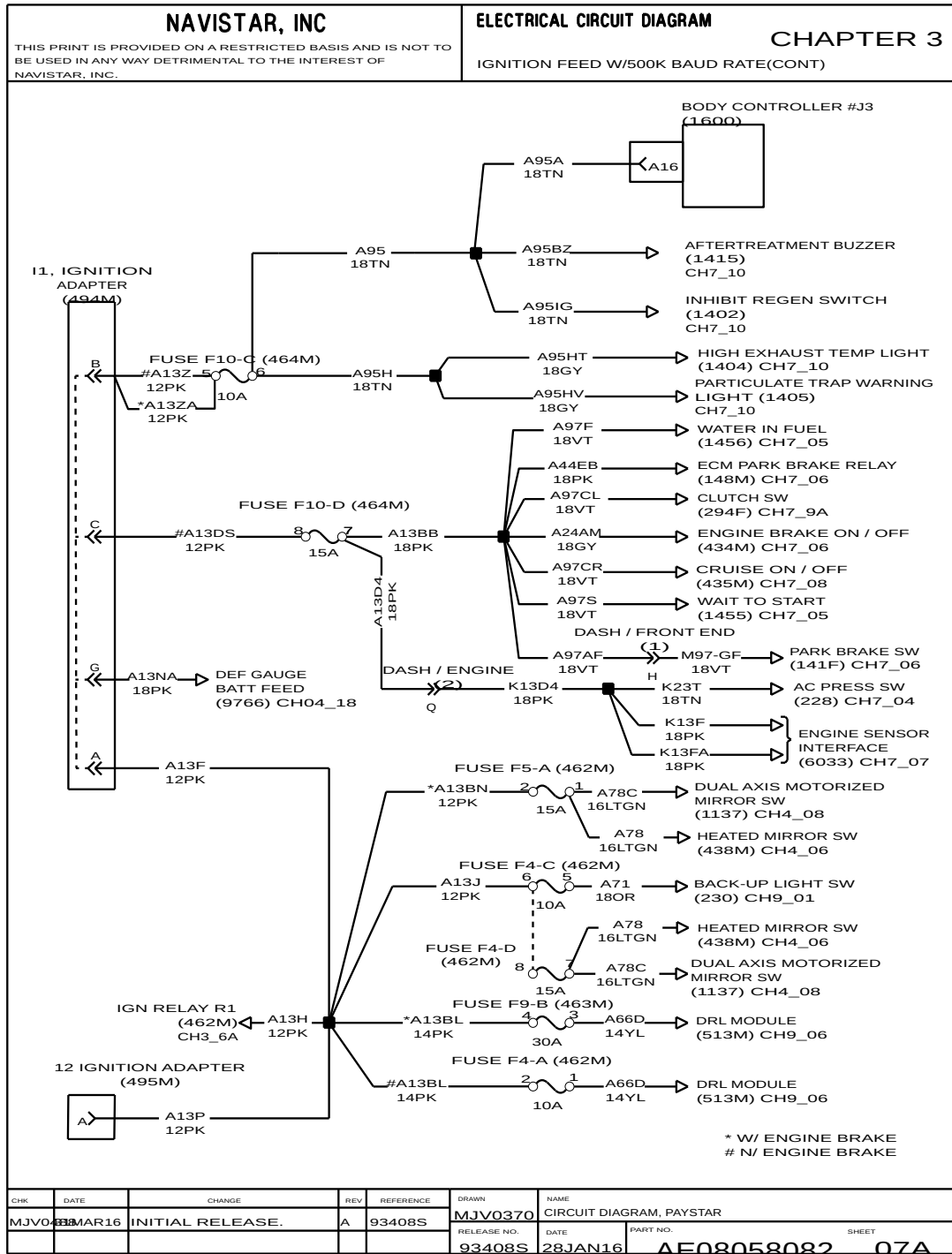


Figure 26 Ignition Feed with 500K Baud Rate (Cont.)

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 3

POWER FEED

N/ENG BRAKE

FUSE F7-A (463M) 25A

B1, BATTERY STUD CH3_05

A14K 6RD

A14L 10RD

A15 12RD

B1, BATTERY STUD CH3_03

A14FB 8RD

A14C 10RD

W/ENG BRAKE

KEY SWITCH (40M)

PARK BRAKE (420M) CH9_06

A44 18GY

DRL MODULE (513M) CH9_06

A44A 16GY

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	PART NO.	SHEET
DLV1	11JAN11	INITIAL RELEASE.	A	61879Y	360070	CIRCUIT DIAGRAM, PAYSTAR		
					RELEASE NO.	DATE		
					61879Y	18SEP09	AE08058082	008

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ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.16. ACCESSORY FEED, P. 9

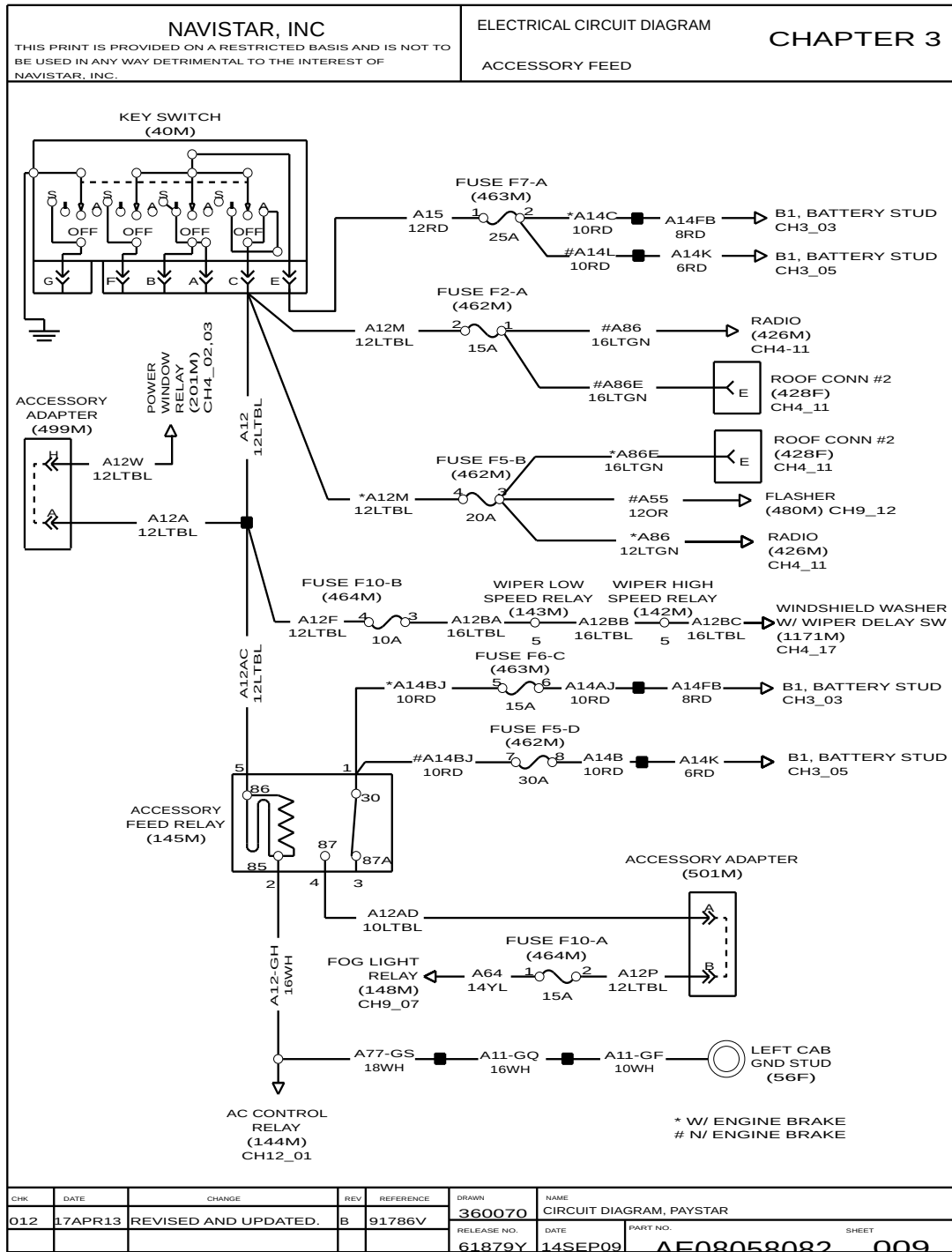


Figure 28 Accessory Feed

3.17. ACCESSORY FEED WITH 500K BAUD RATE, P. 9A

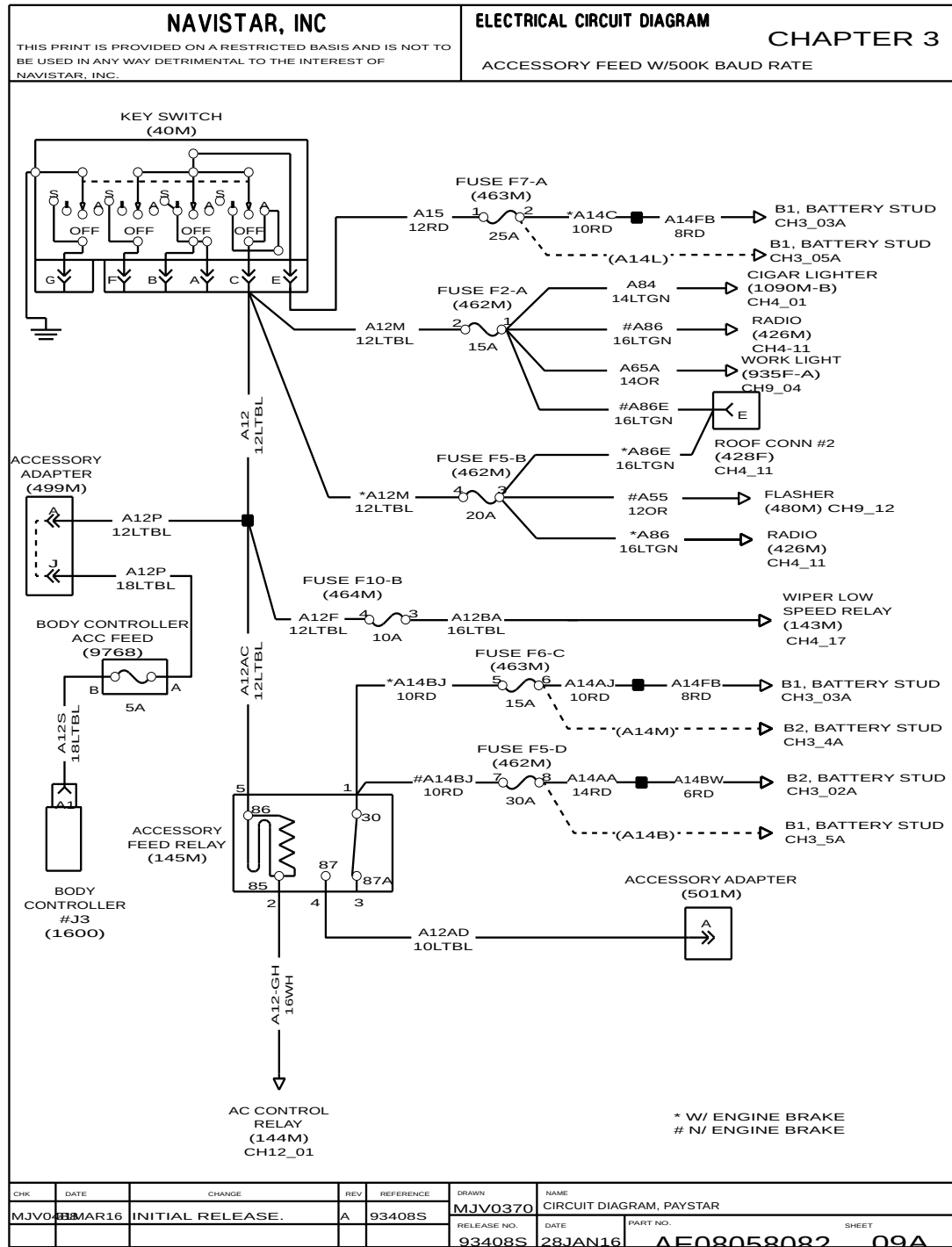


Figure 29 Accessory Feed with 500K Baud Rate

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.18. J1939 DATA LINK WITH IBB ENGINE, P. 10

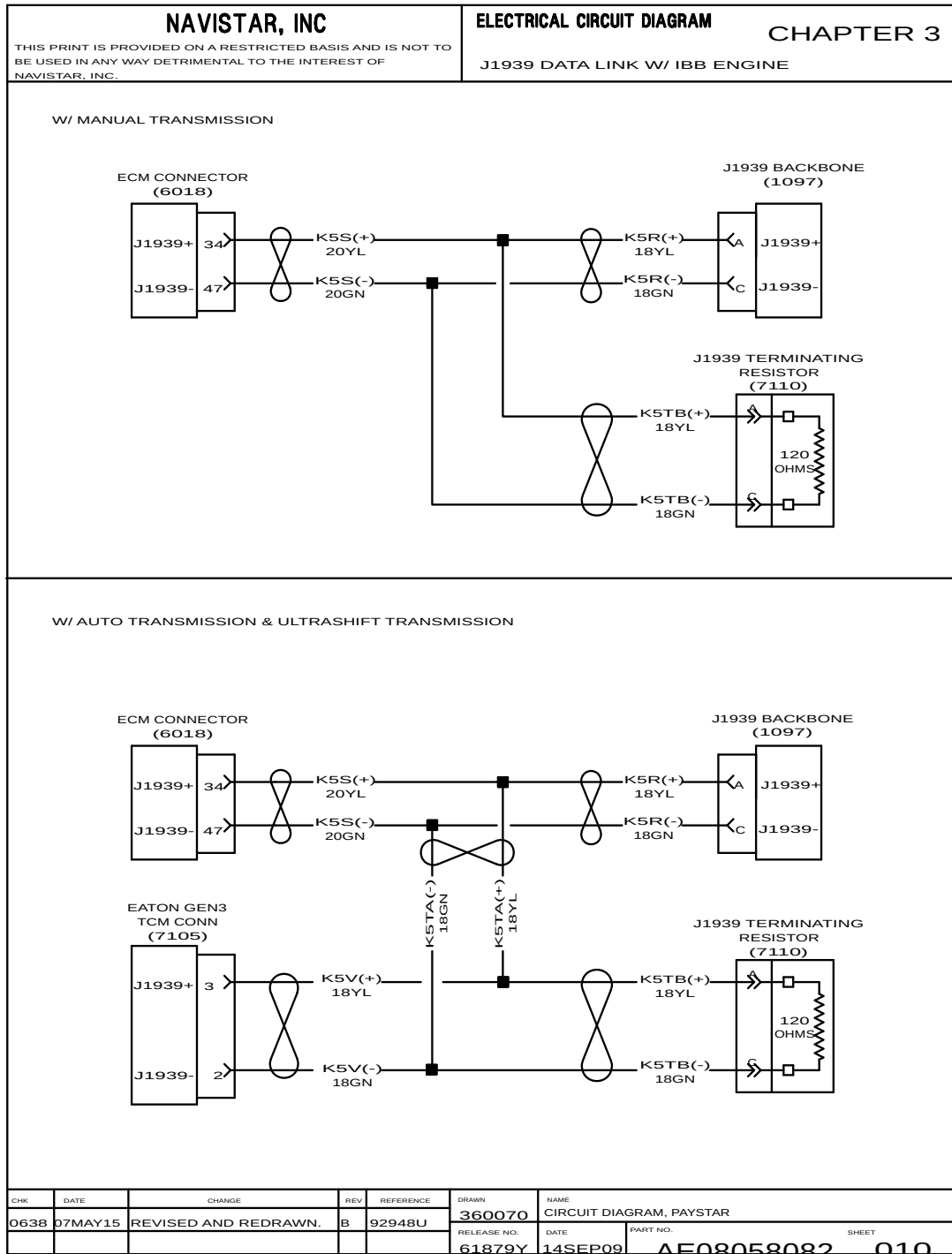


Figure 30 J1939 Data Link with IBB Engine

3.19. J1939 DATA LINK WITH IBB ENGINE (CONT.), P. 11

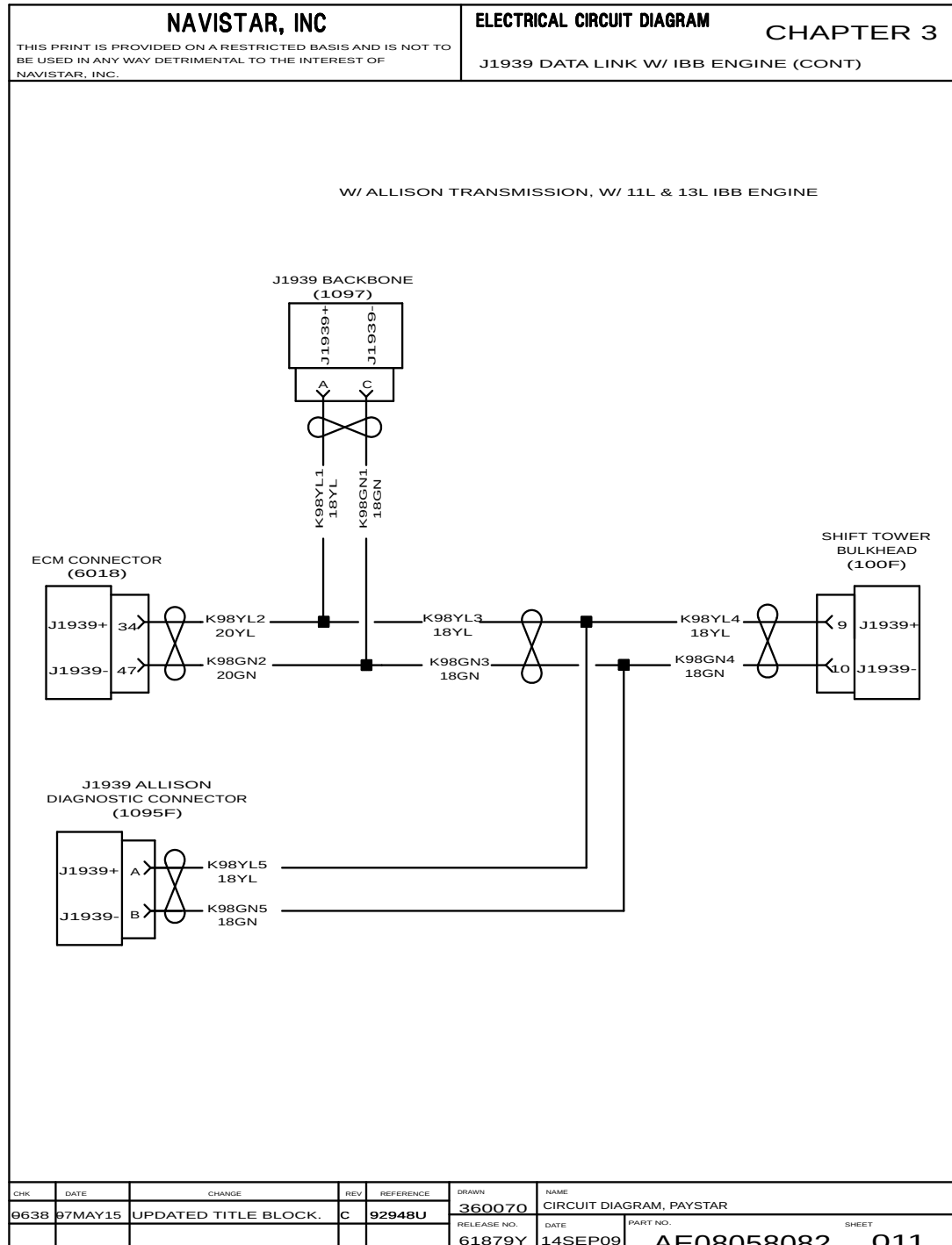


Figure 31 J1939 Data Link with IBB Engine (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.20. J1939 DATA LINK WITH IBB ENGINE (CONT.), P. 11A

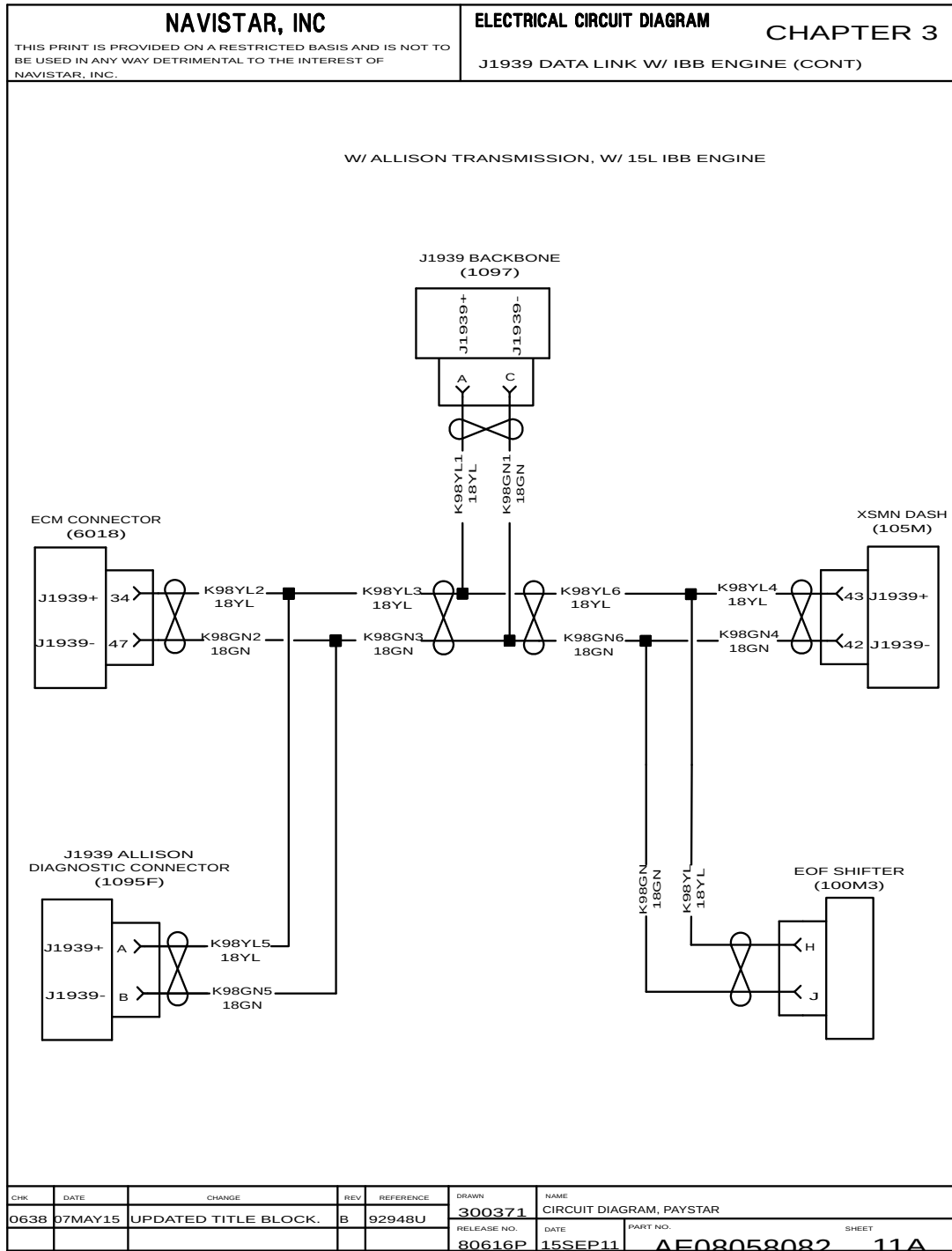


Figure 32 J1939 Data Link with IBB Engine (Cont.)

3.21. DIAGNOSTIC DATA LINK, P. 12

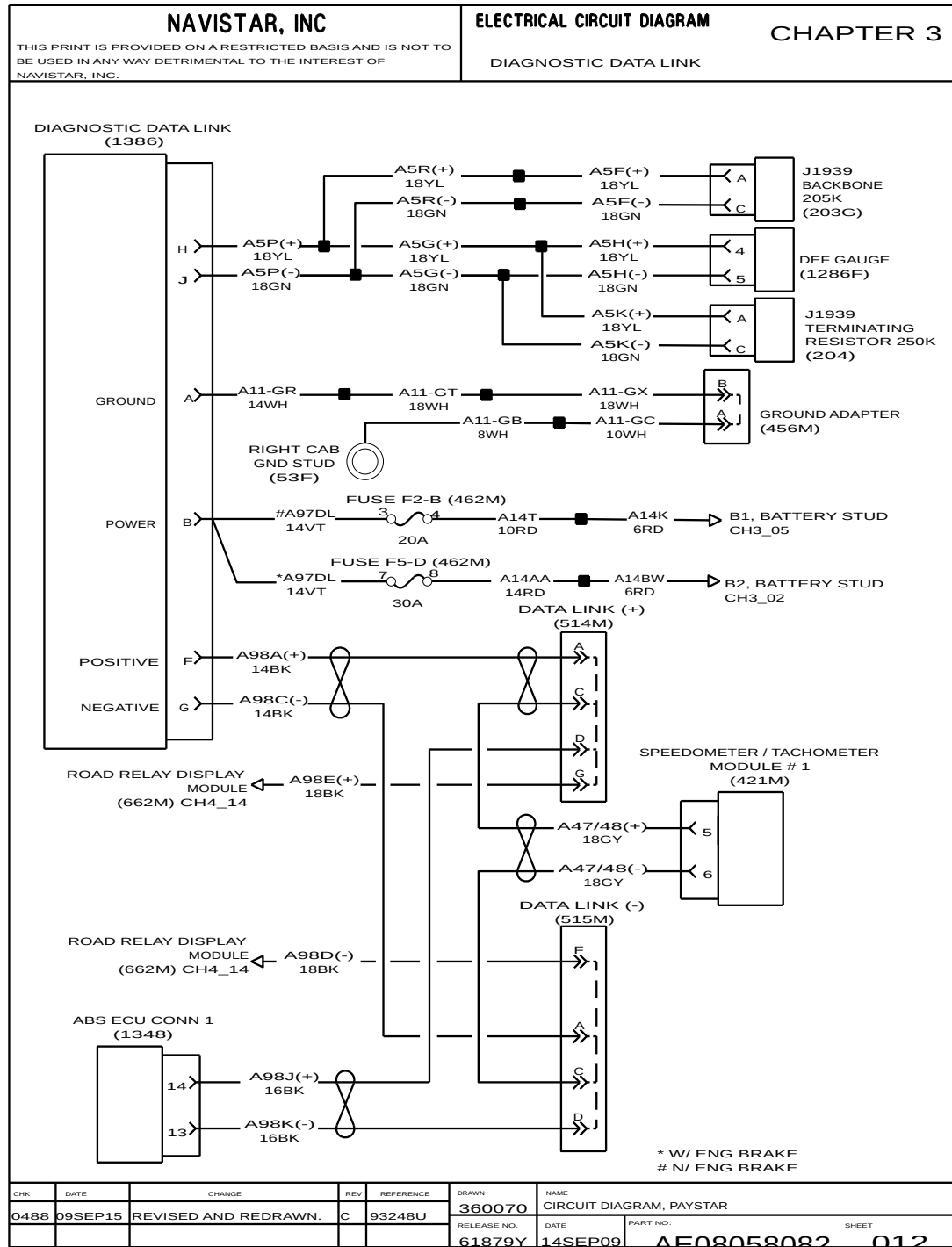


Figure 33 Diagnostic Data Link

3.23. GROUND (CONT.), P. 14

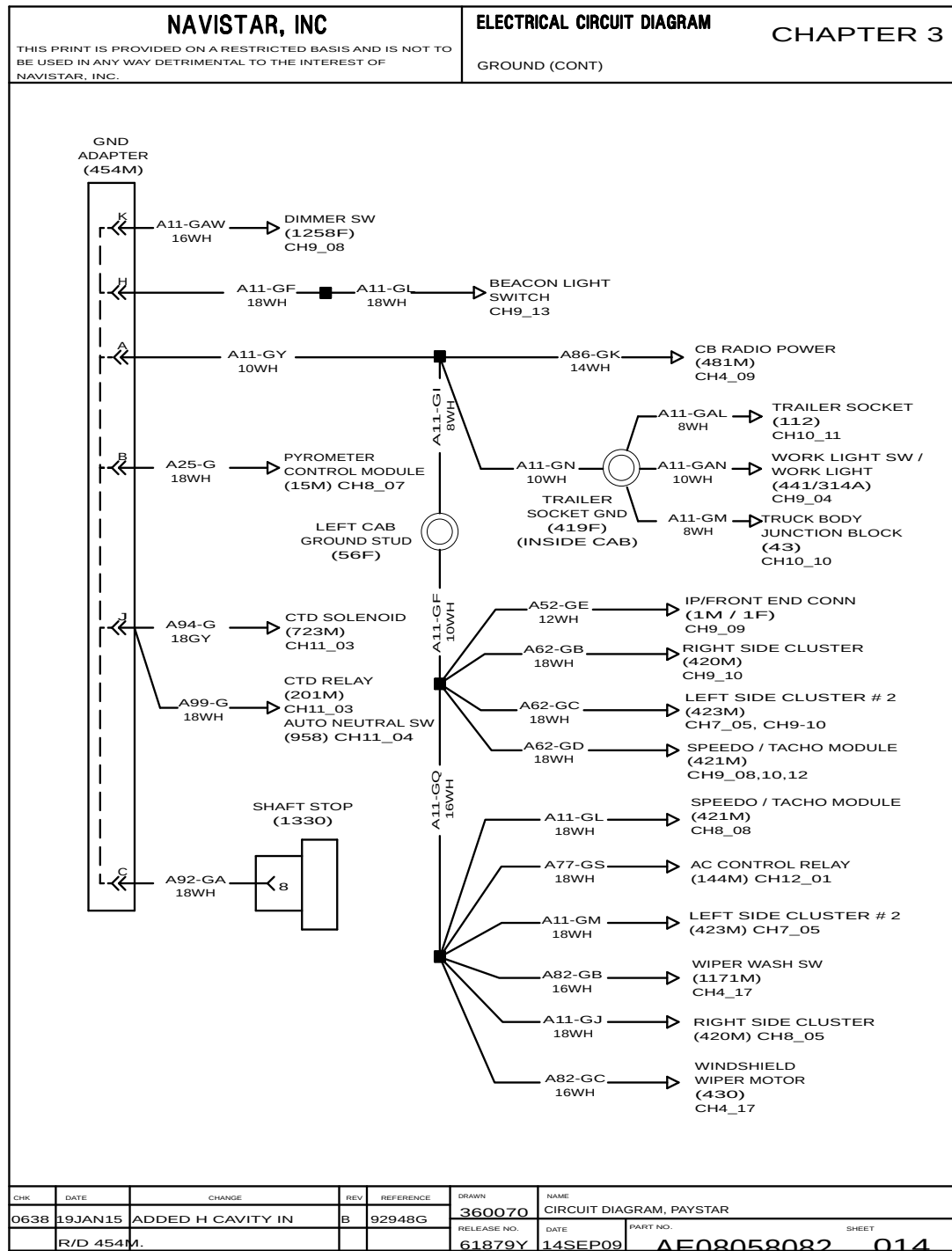


Figure 35 Ground (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.24. GROUND (CONT.), P. 15

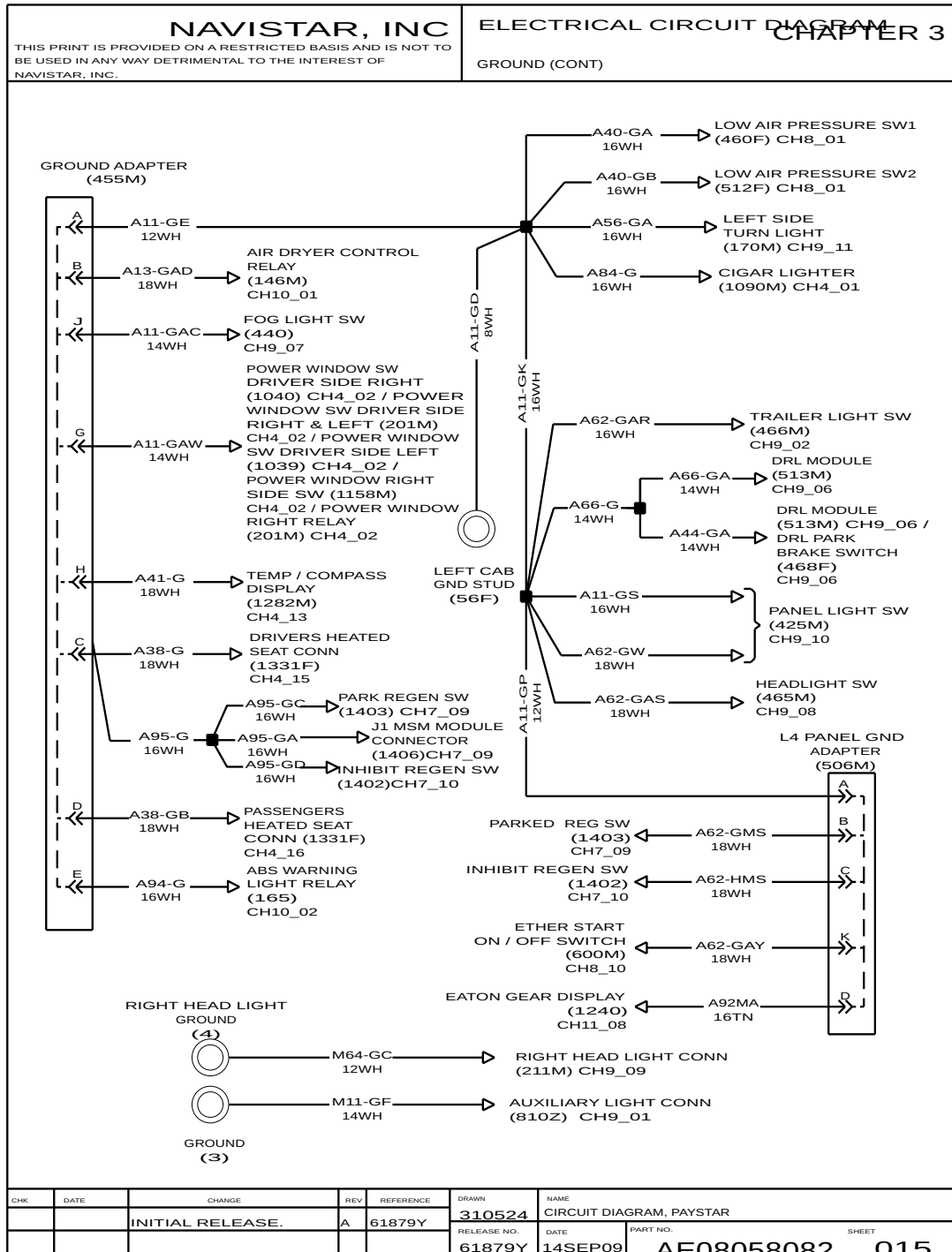


Figure 36 Ground (Cont.)

3.25. GROUND (CONT.), P. 16

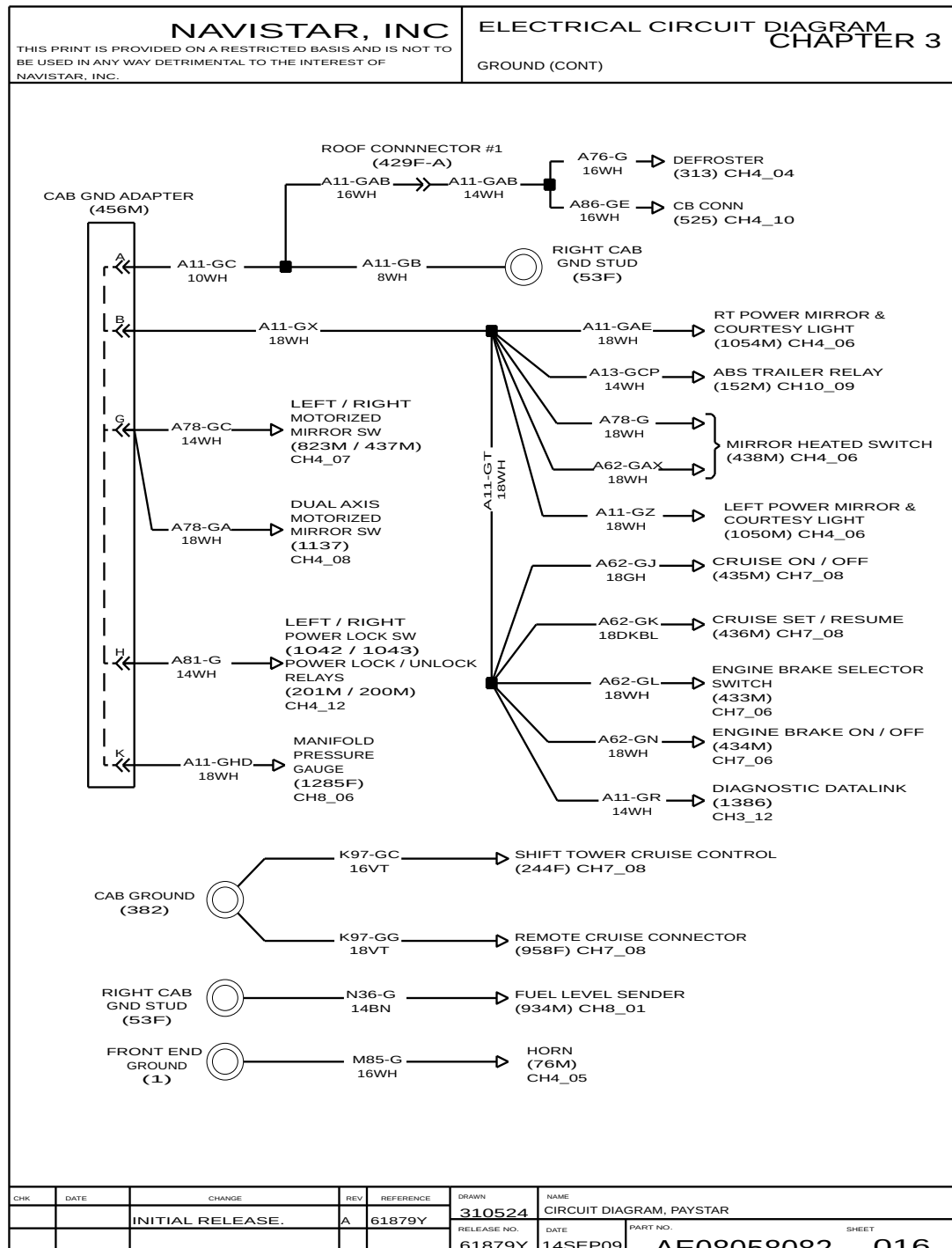


Figure 37 Ground (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.26. GROUND CHASSIS, P. 16A

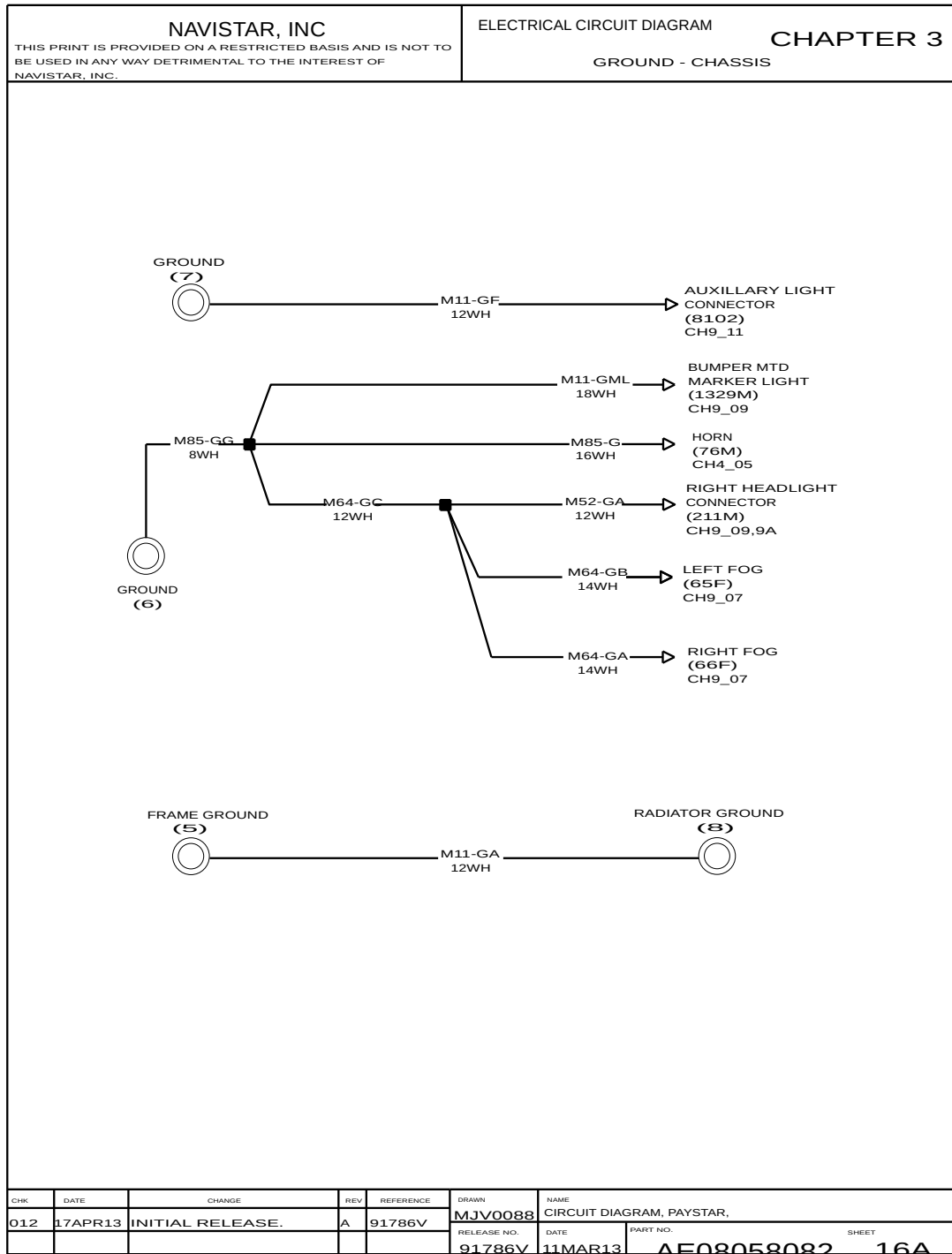


Figure 38 Ground Chassis

3.27. ZERO VOLT REFERENCE, P. 17

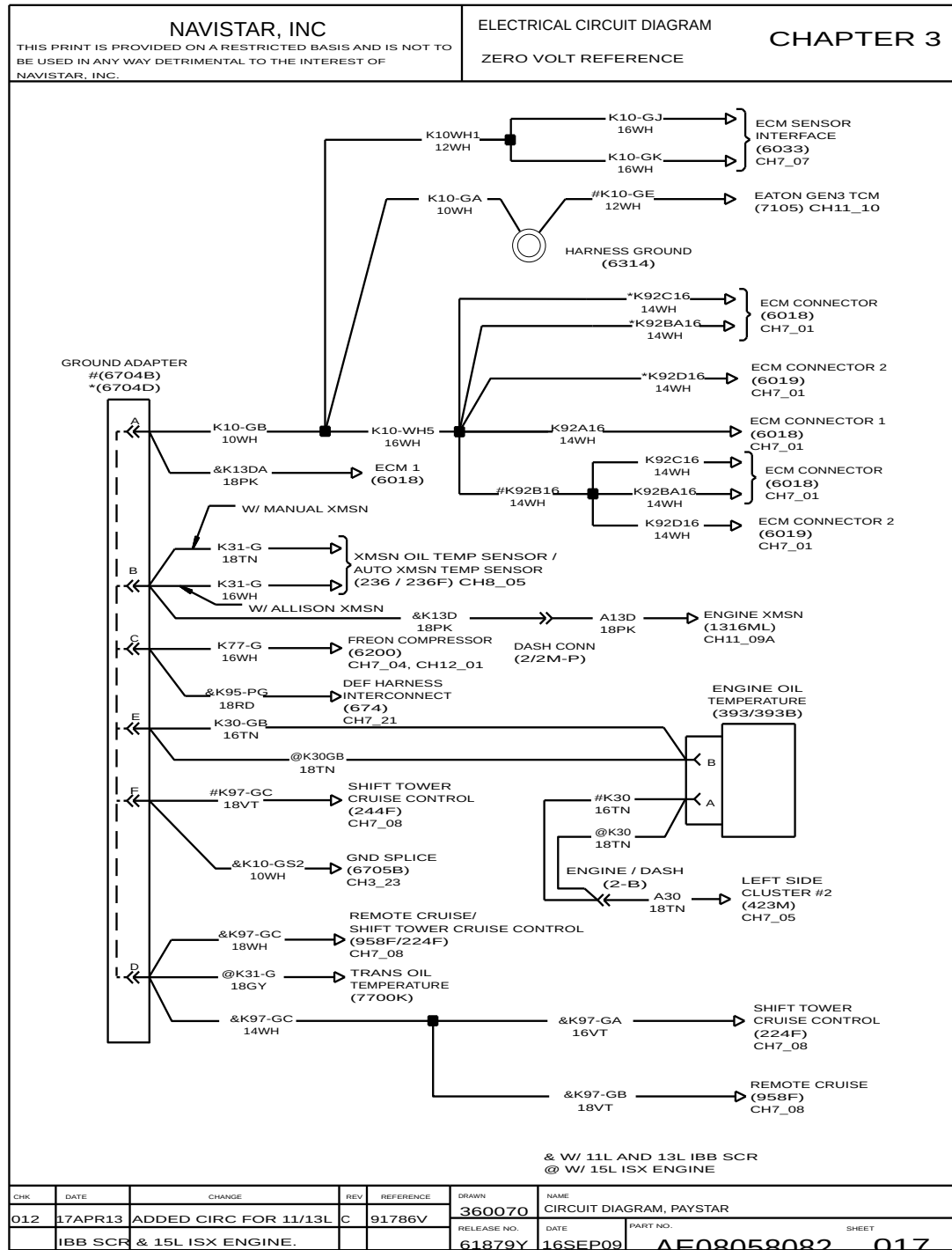


Figure 39 Zero Volt Reference

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.28. PANEL LIGHT ADAPTER, P. 18

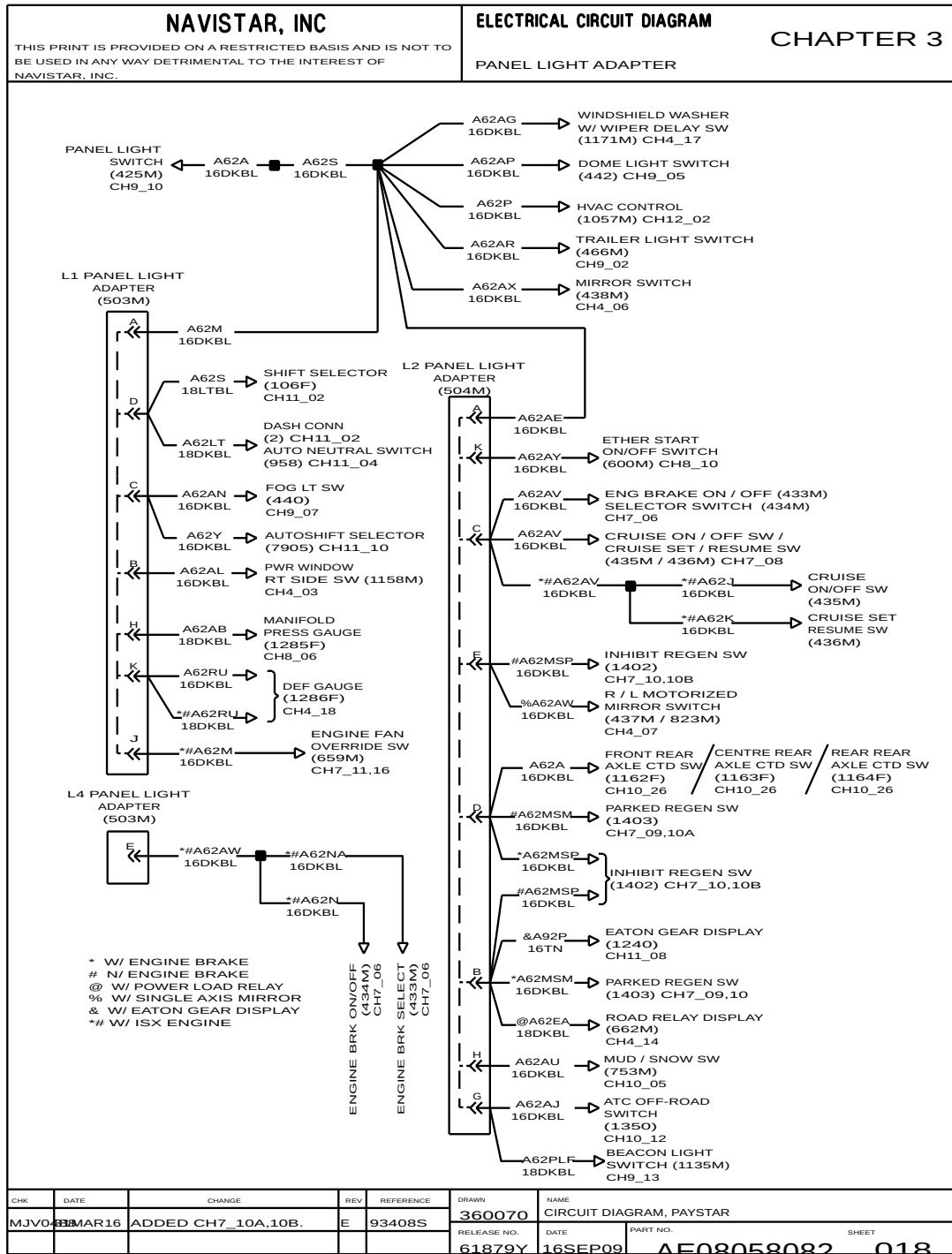


Figure 40 Panel Light Adapter

3.29. ECA POWER, P. 19

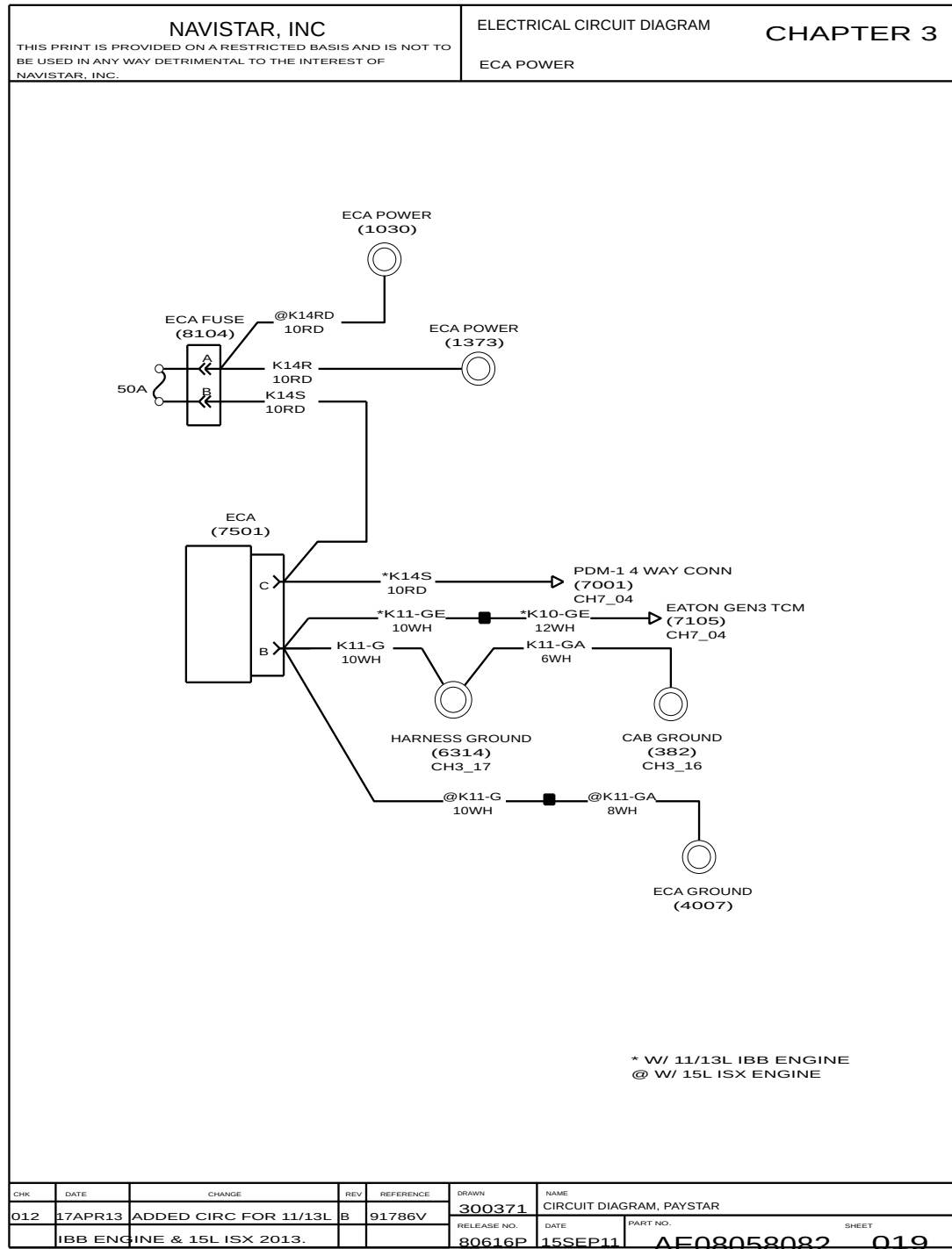


Figure 41 ECA Power

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.30. J1939 DATA LINK WITH 15L ISX 2013, P. 20

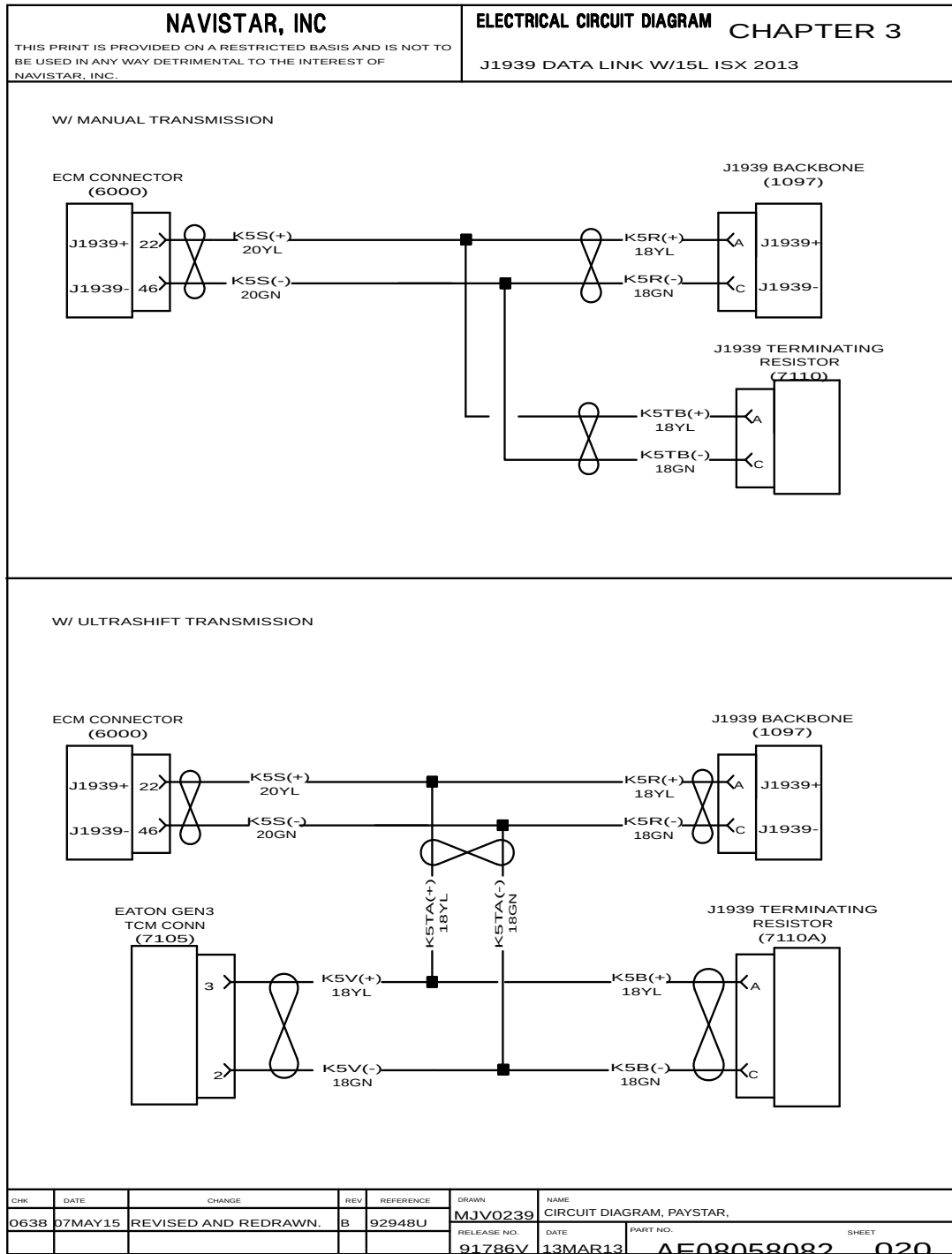


Figure 42 J1939 Data Link with 15L ISX 2013

3.31. CAB J1939 DATA LINK WITH 11 / 13L IBB SCR, P. 21

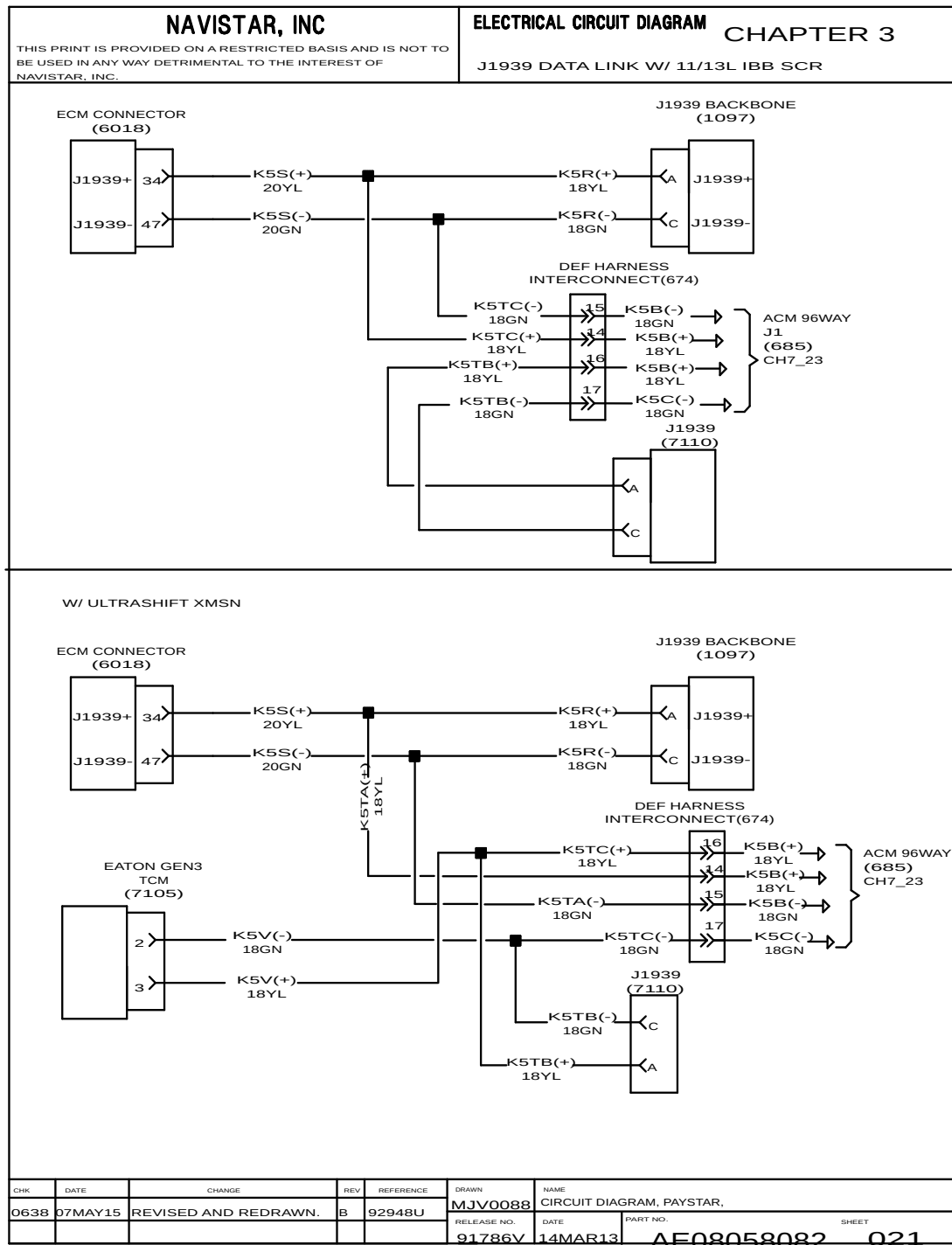


Figure 43 Cab J1939 Data Link with 11 / 13L IBB SCR

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.32. ECM SWITCH GND SPLICE, P. 22

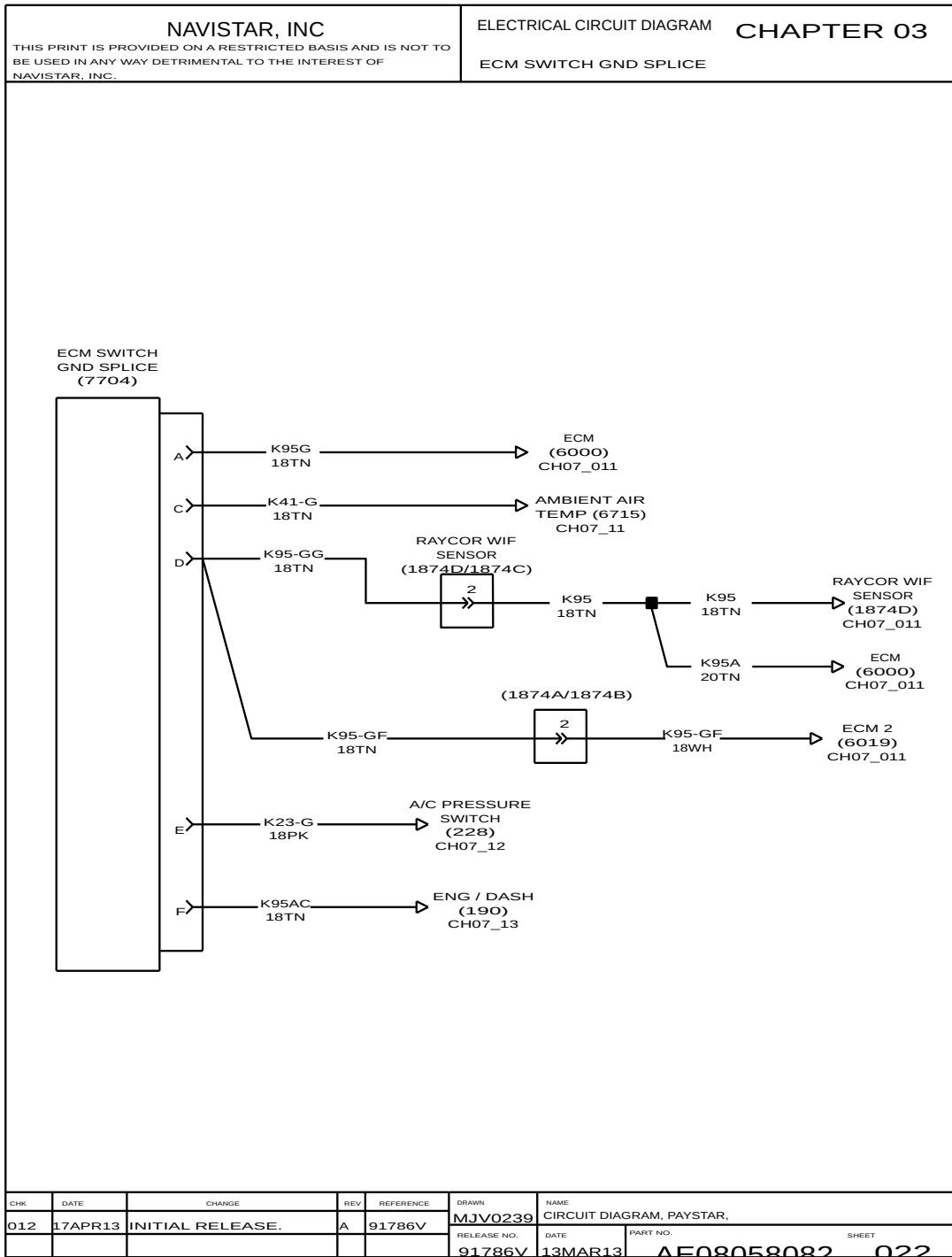


Figure 44 ECM Switch GND Splice

3.33. ECM SWITCH GND SPLICE 2, P. 23

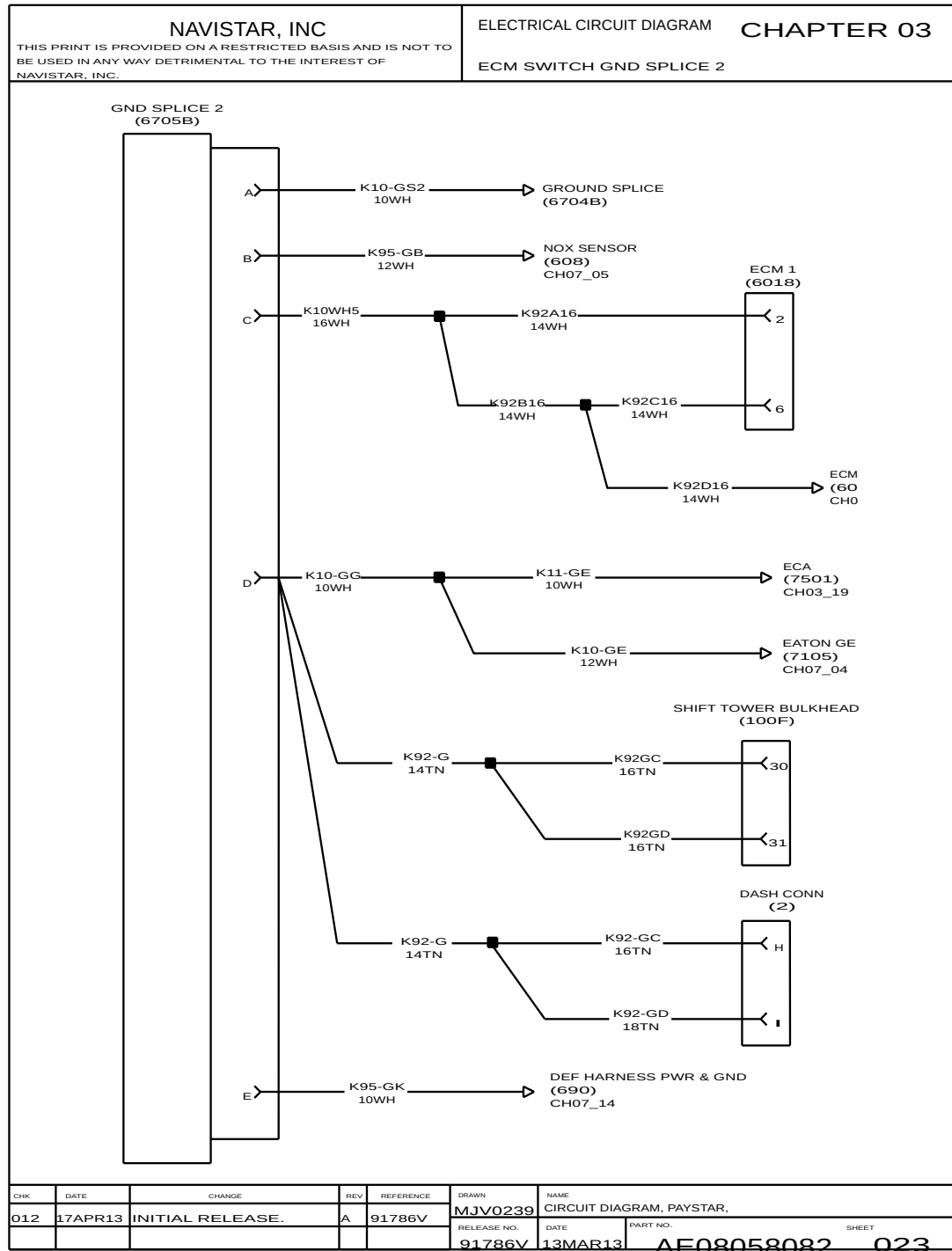


Figure 45 ECM Switch GND Splice 2

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.34. 250K J1939 CAB DATA LINK WITH 500K REGULATORY UPDATE, P. 24

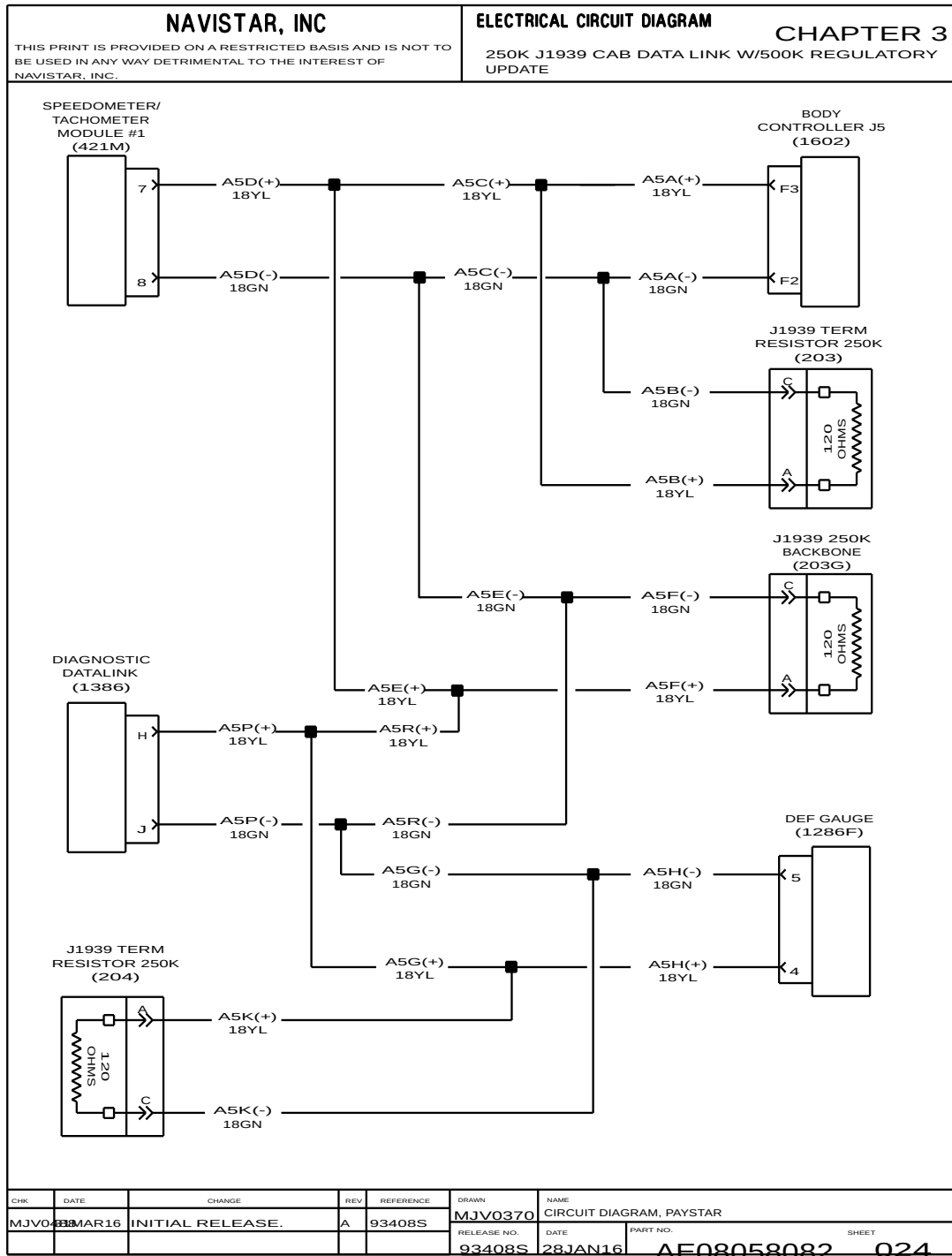


Figure 46 250K J1939 Cab Data Link with 500K Regulatory Update

3.35. J1939 DATA LINK WITH 500K BAUD RATE (CONT.), P. 25

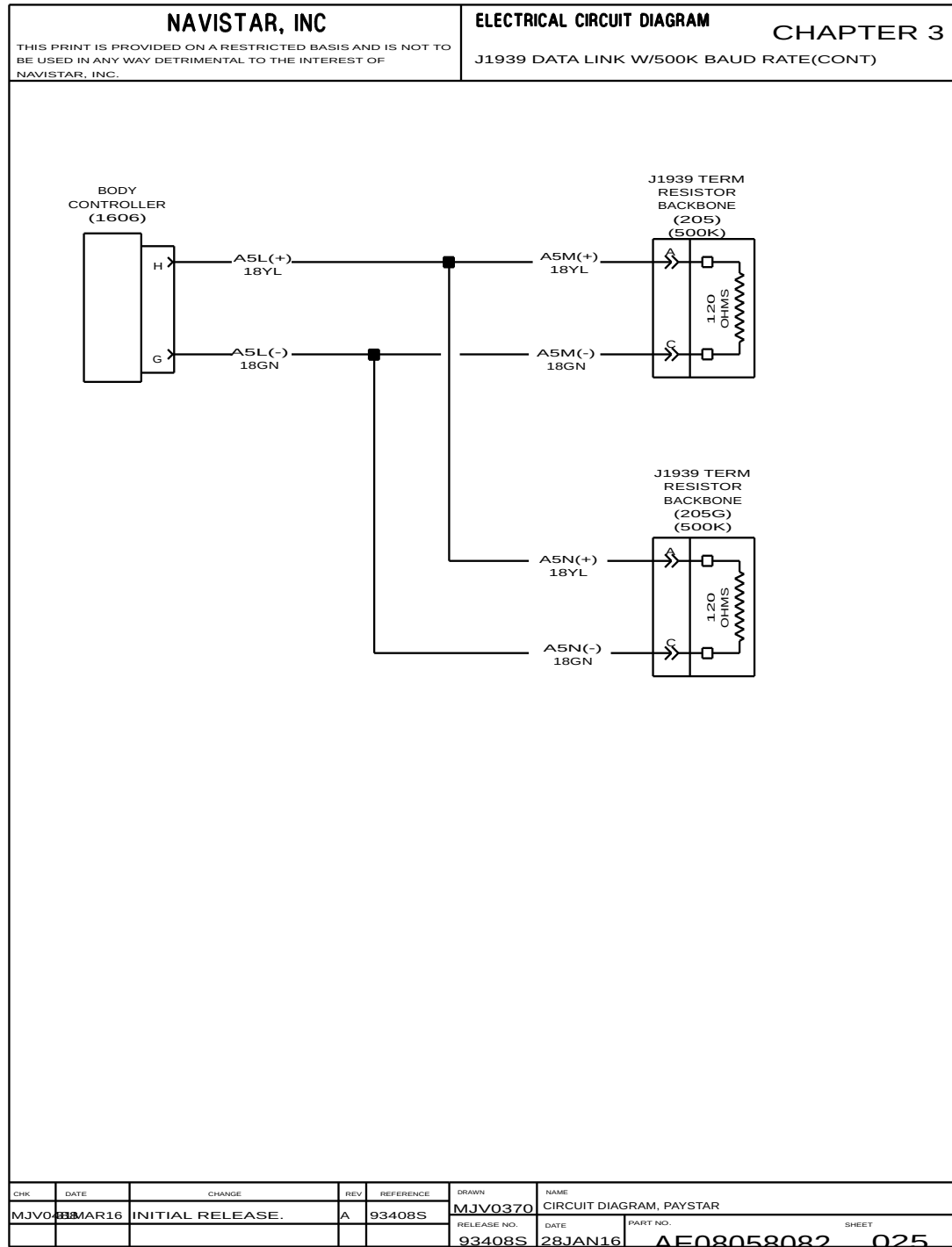


Figure 47 J1939 Data Link with 500K Baud Rate (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

CAB ACCESSORIES (CHAPTER 4)

4.1. CIGAR LIGHTER, P. 1

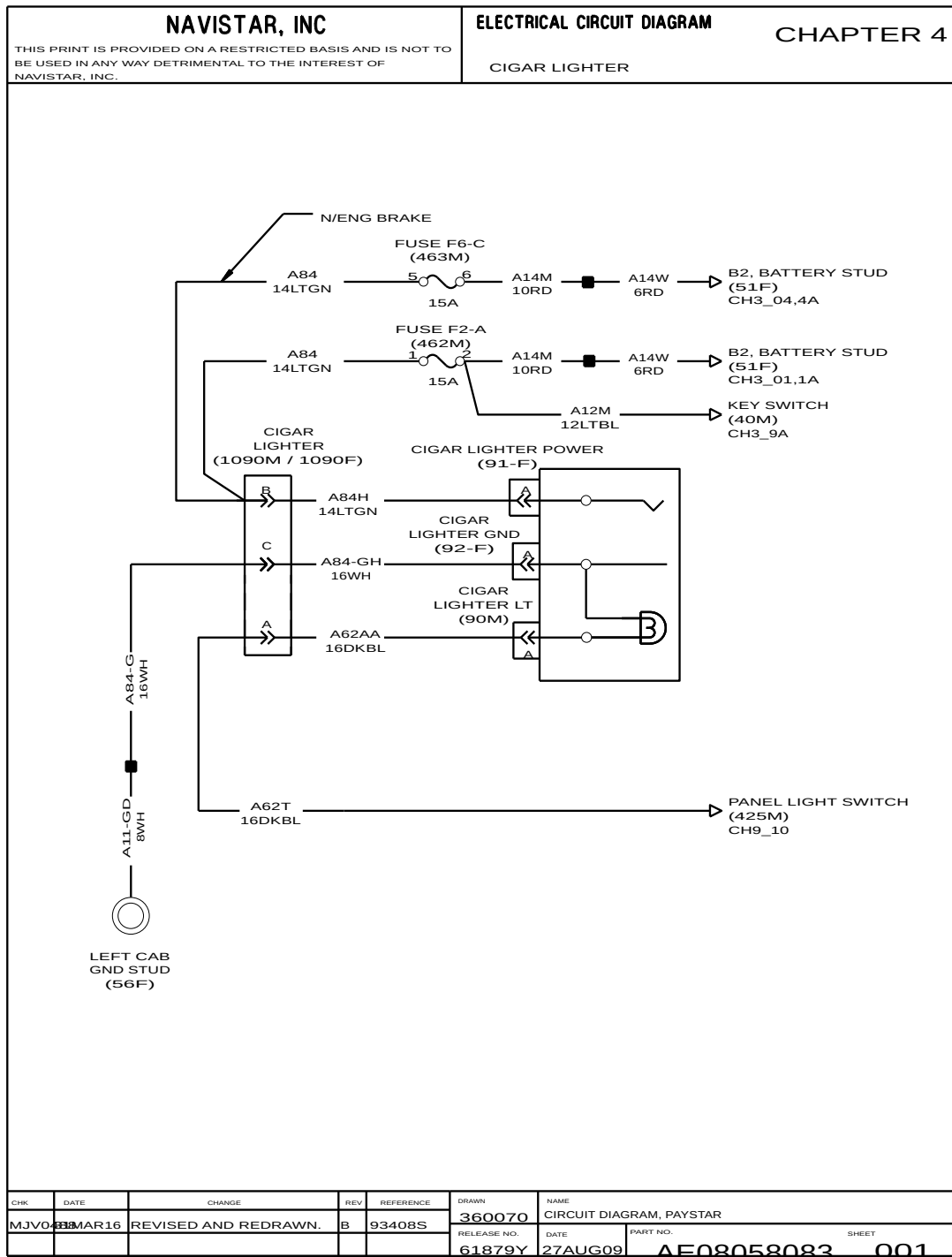


Figure 48 Cigar Lighter

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 4

ELECTRIC WINDOW - RIGHT AND LEFT

B1, BATTERY STUD CH3_03 #A14K 6RD
B1, BATTERY STUD CH3_03 *A14K 8RD

BATTERY ADAPTER (497M)
A14V 10RD
A14BD 14RD

KEY SWITCH (40M) CH3_09
A12 12LTBL

ACCESSORY ADAPTER (499M)
A12A 12LTBL

POWER WINDOW SW DRIVER SIDE RIGHT (1040)
A83J 14LTGN
A83K 14LTGN
A83C 14LTGN
A83-GA 14WH
A83-GBW 14WH

POWER WINDOW LEFT (1034F)
A83K 14LTGN
A83C 14LTGN
A83-GA 14WH

POWER WINDOW SW DRIVER SIDE LEFT (1039)
A83H 14LTGN
A83N 14LTGN
A83F 14LTGN
A83L 14LTGN
A83M 14LTGN

LEFT WINDOW MOTOR (1044)
A83D 14LTGN
A83J 14LTGN
A83K 14LTGN

RIGHT WINDOW MOTOR (1045)
A83D 14LTGN
A83J 14LTGN
A83K 14LTGN

POWER WINDOW RIGHT (1033)
A83D 14LTGN
A83J 14LTGN
A83K 14LTGN

POWER WINDOW LEFT & RIGHT RELAY (201M)
A83C 14LTGN
A12-G 14WH
A11-GAW 14WH

PASSENGER SIDE (1041)
A11-GE 12WH
A11-GD 8WH

GROUND ADAPTER (455M)
A11-GE 12WH
A11-GD 8WH

LEFT CAB GND STUD (56F)

* W/ ENGINE BRAKE
N/ ENGINE BRAKE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
DLV1	12JAN11	INITIAL RELEASE.	A	61879Y	360070	CIRCUIT DIAGRAM, PAYSTAR
					RELEASE NO.	DATE
					61879Y	27AUG09
					PART NO.	SHEET
					AE08058083	002

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ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.3. ELECTRIC WINDOW – RIGHT, P. 3

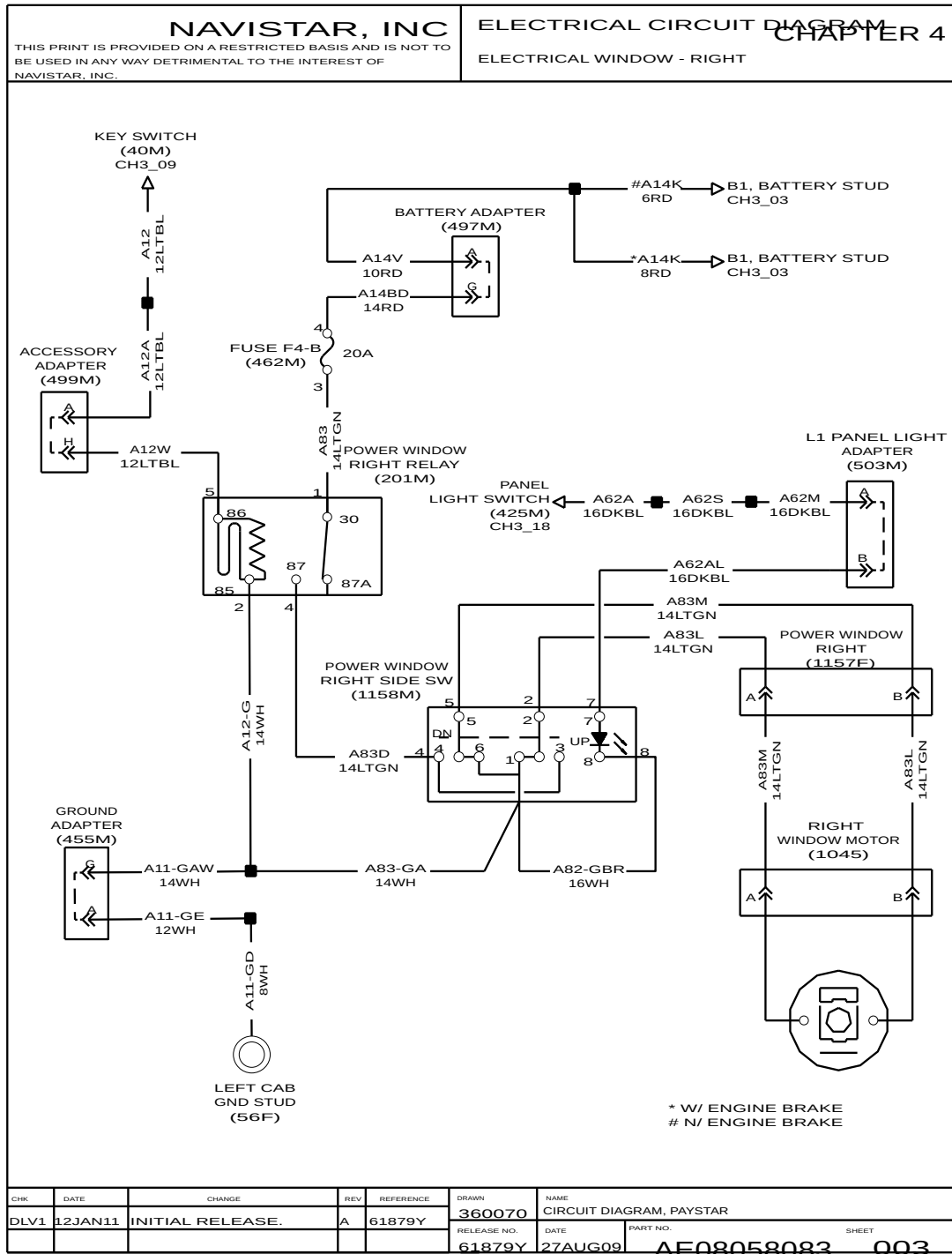


Figure 50 Electric Window – Right

4.4. DEFROSTER FAN(S), P. 4

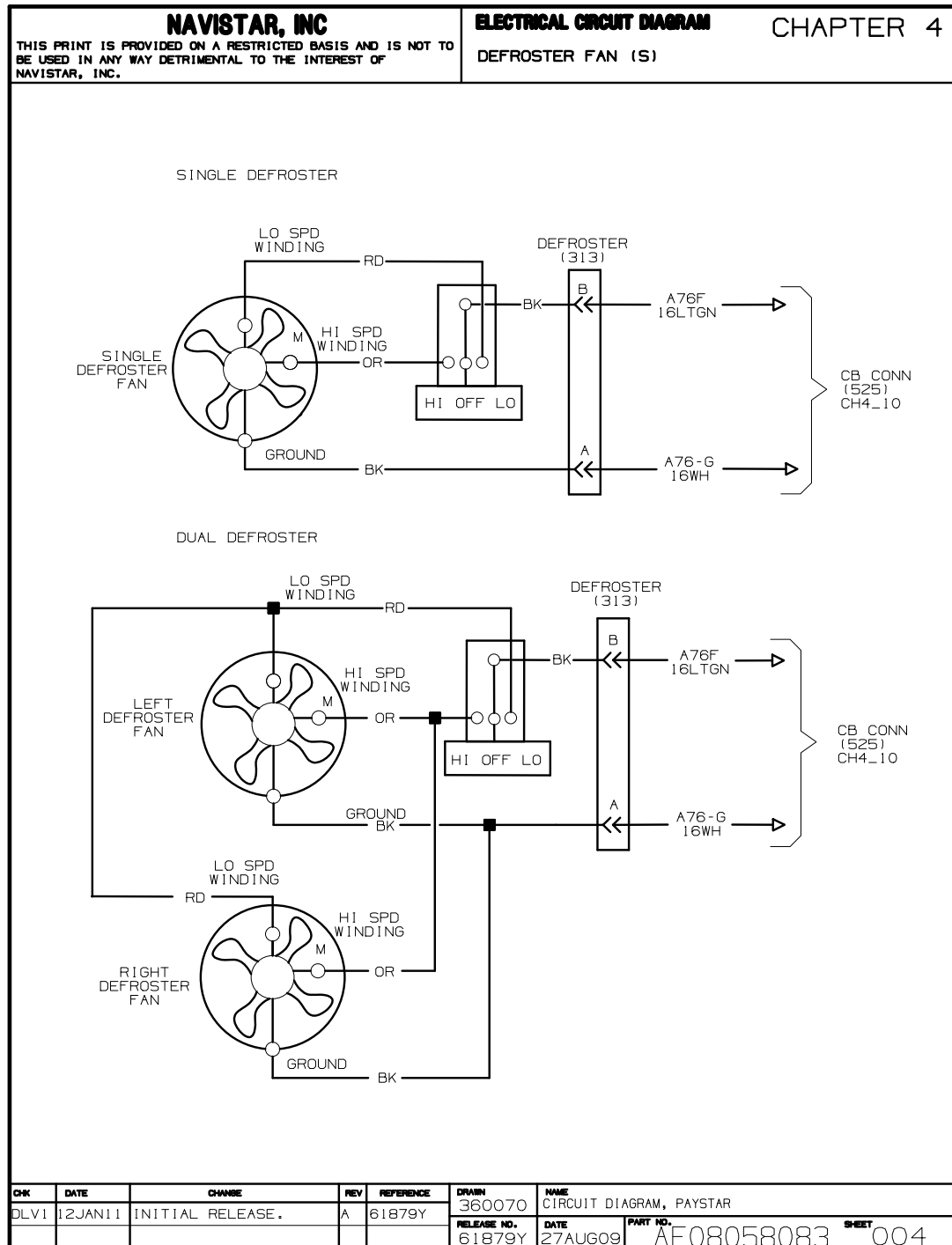


Figure 51 Defroster Fan(s)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.5. HORN, P. 5

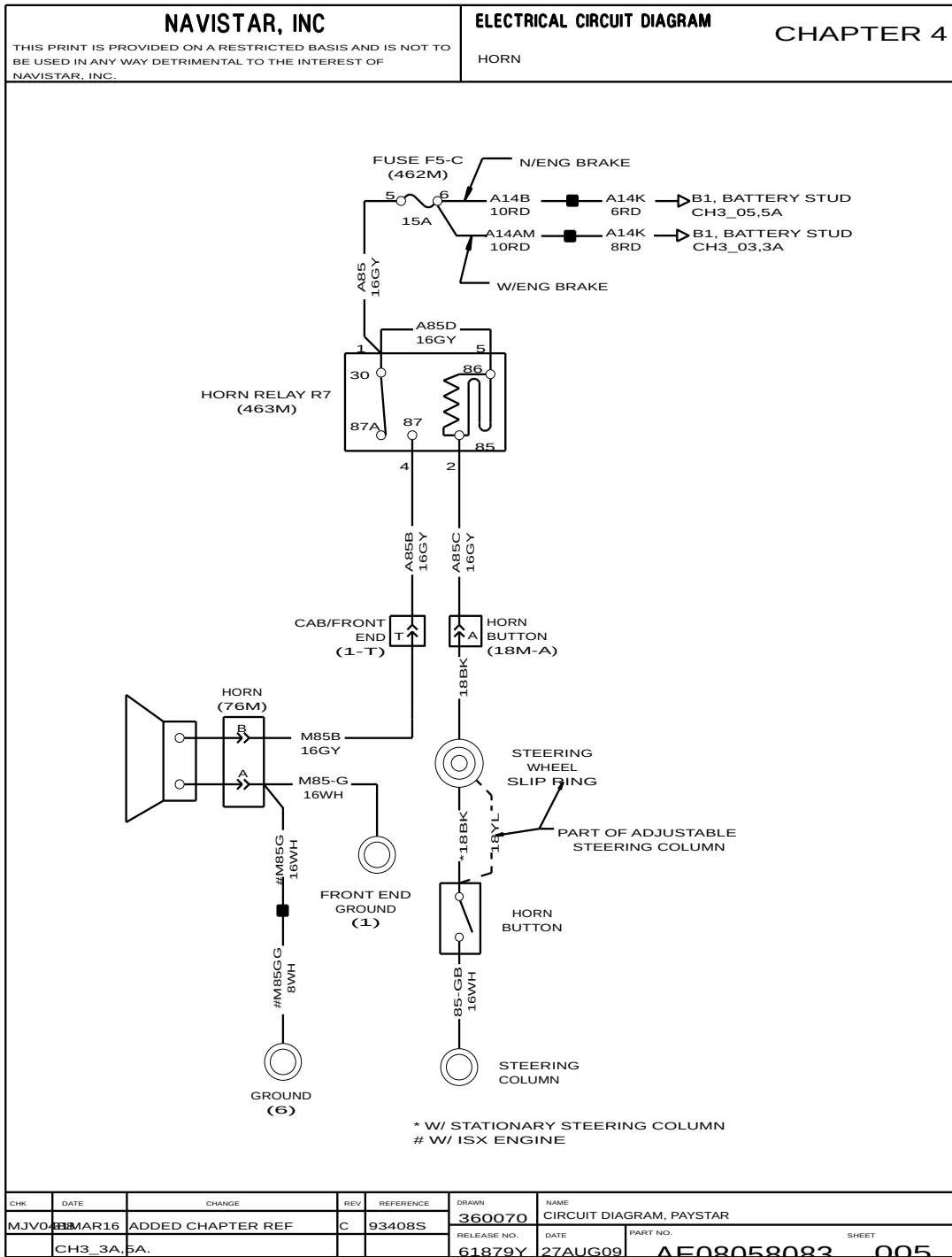


Figure 52 Horn

4.6. MIRROR LIGHTS AND HEATED MIRRORS, P. 6

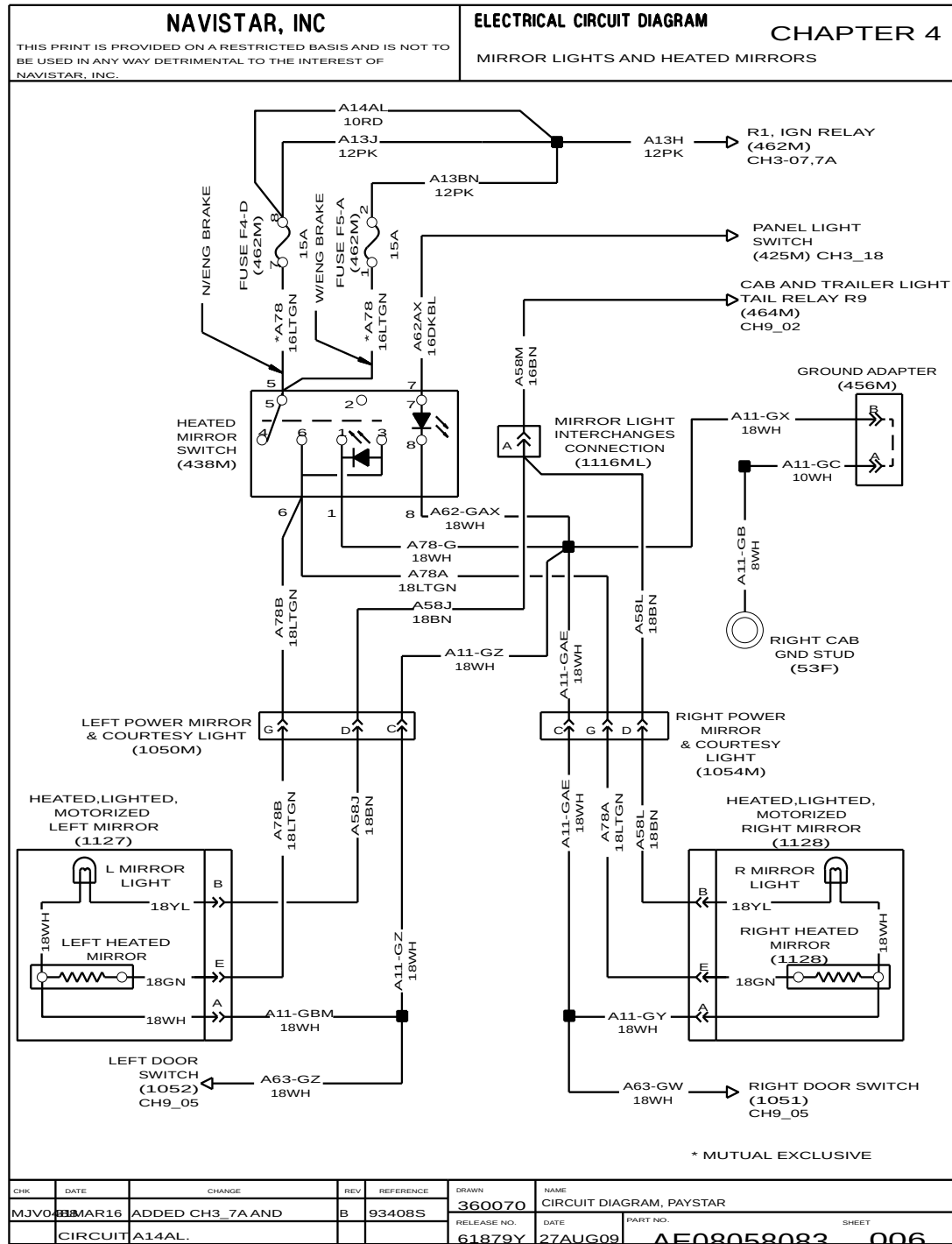


Figure 53 Mirror Lights and Heated Mirrors

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.7. LEFT AND RIGHT MOTORIZED MIRRORS, P. 7

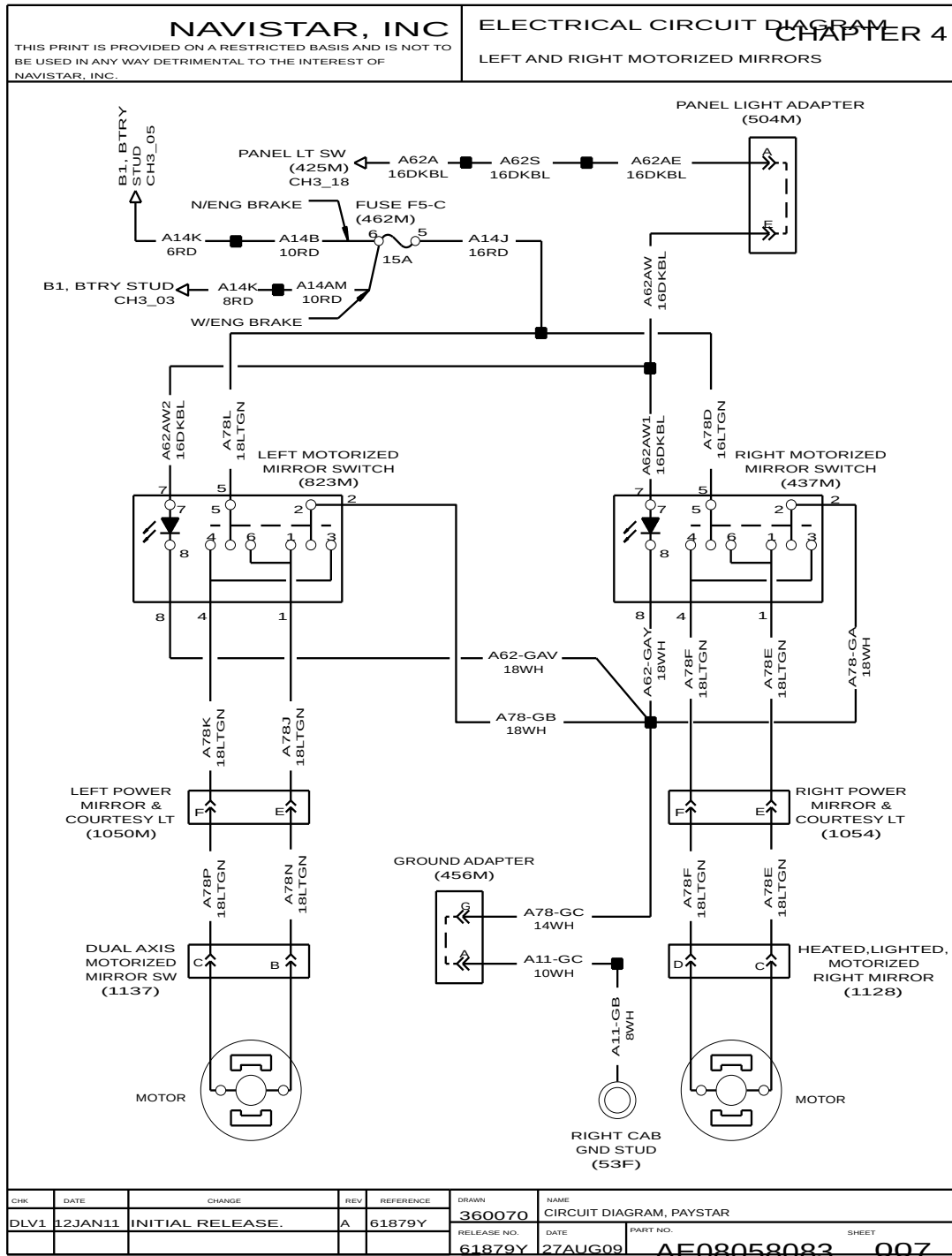


Figure 54 Left and Right Motorized Mirrors

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.

DUAL AXIS MOTORIZED MIRRORS

LEFT HAND MIRROR
L/R U/D

RIGHT HAND MIRROR
L/R U/D

HEATED, LIGHTED, MOTORIZED LEFT MIRROR (1127)

LEFT POWER MIRROR & COURTESY LIGHT (1050)

RIGHT POWER MIRROR & COURTESY LIGHT (1054)

HEATED, LIGHTED, MOTORIZED RIGHT MIRROR (1128)

RIGHT MOTORIZED (973)

DUAL AXIS MOTORIZED MIRROR SWITCH
LH RH L/R U/D

RIGHT CAB GROUND STUD (53F)

GROUND ADAPTER (456M)

*** N/ ENG BRAKE
W/ ENG BRAKE**

SWITCH FUNCTION	CIRCUIT FUNCTION	
	LEFT MIRROR	RIGHT MIRROR
LEFT	(78P+78C) (78R+78-GA)	(78F+78C) (78S+78-GA)
RIGHT	(78R+78C) (78P+78-GA)	(78S+78C) (78F+78-GA)
UP	(78N+78C) (78P+78-GA)	(78E+78C) (78F+78-GA)
DOWN	(78P+78C) (78N+78-GA)	(78F+78C) (78E+78-GA)

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	DATE	PART NO.	SHEET
-----	------	--------	-----	-----------	-------	------	------	----------	-------

MJVO	03MAR16	ADDED CH3_7A.	B	93408S	360070	CIRCUIT DIAGRAM, PAYSTAR			
------	---------	---------------	---	--------	--------	--------------------------	--	--	--

					RELEASE NO.	DATE	PART NO.		
--	--	--	--	--	-------------	------	----------	--	--

					61879Y	27AUG09	AE08058083		008
--	--	--	--	--	--------	---------	------------	--	-----

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ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.9. POWER SOURCE (CB), P. 9

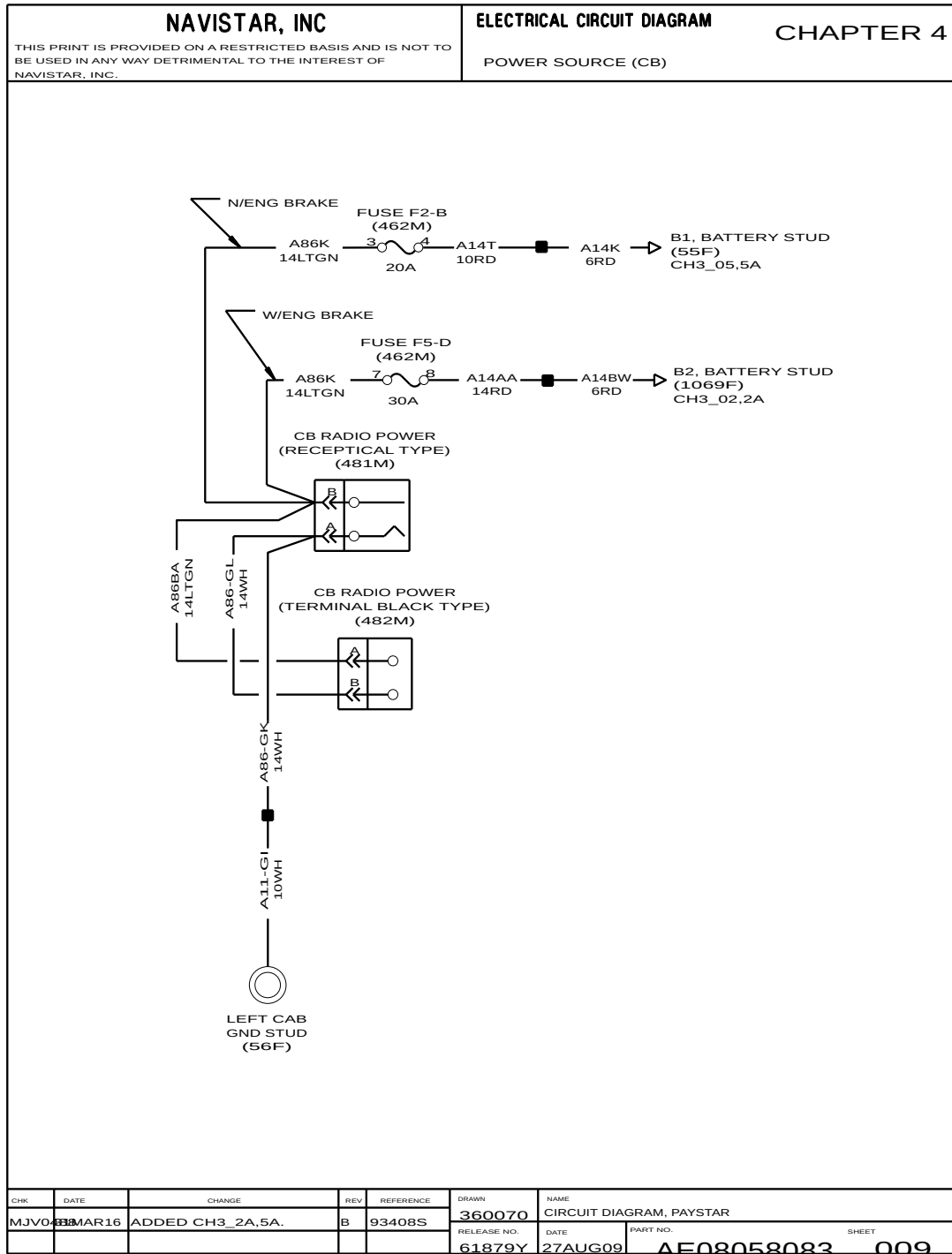


Figure 56 Power Source (CB)

4.10. RADIO - CB ACCOMMODATION PACKAGE, P. 10

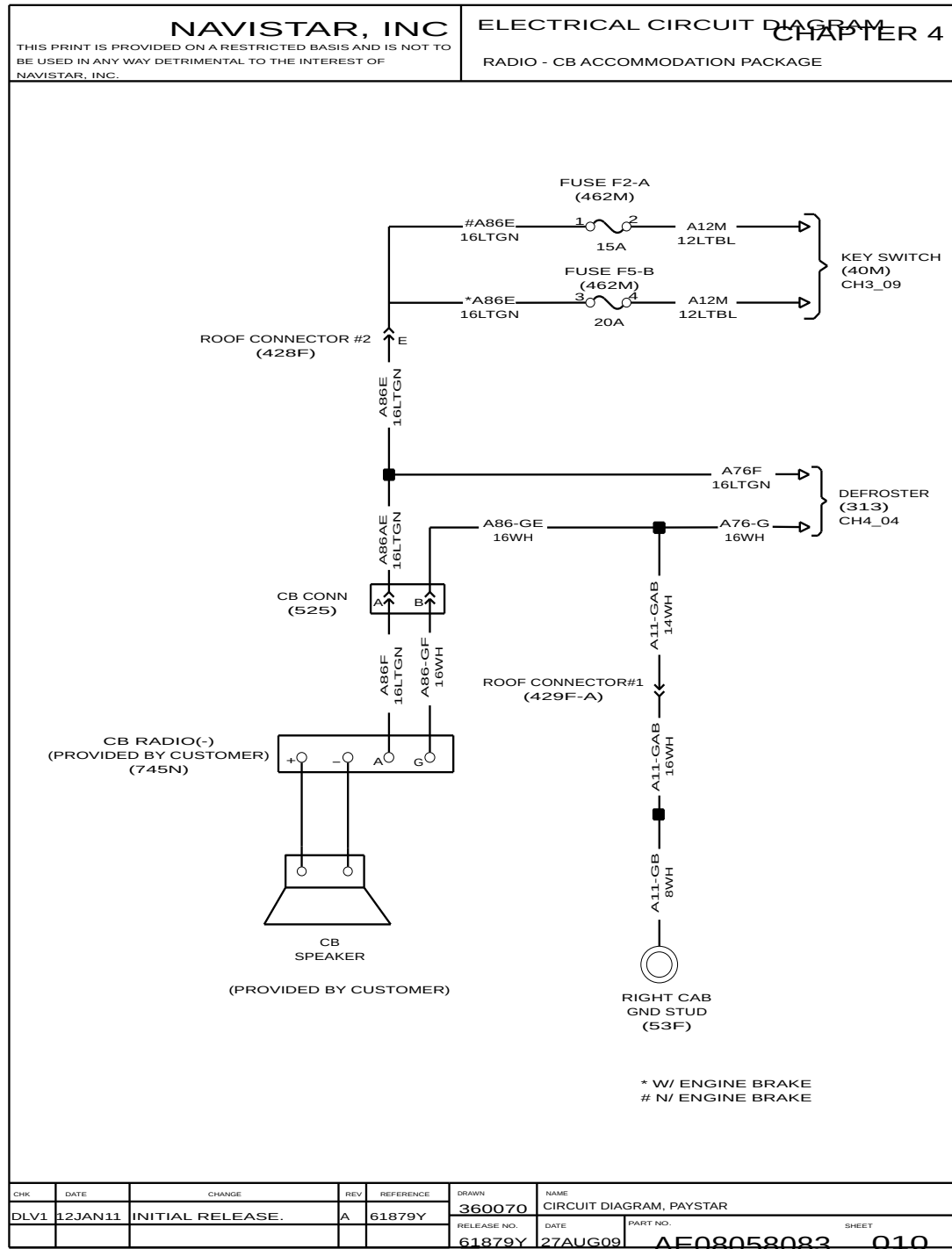


Figure 57 Radio - CB Accommodation Package

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.11. RADIO – CAB SPEAKERS, P. 11

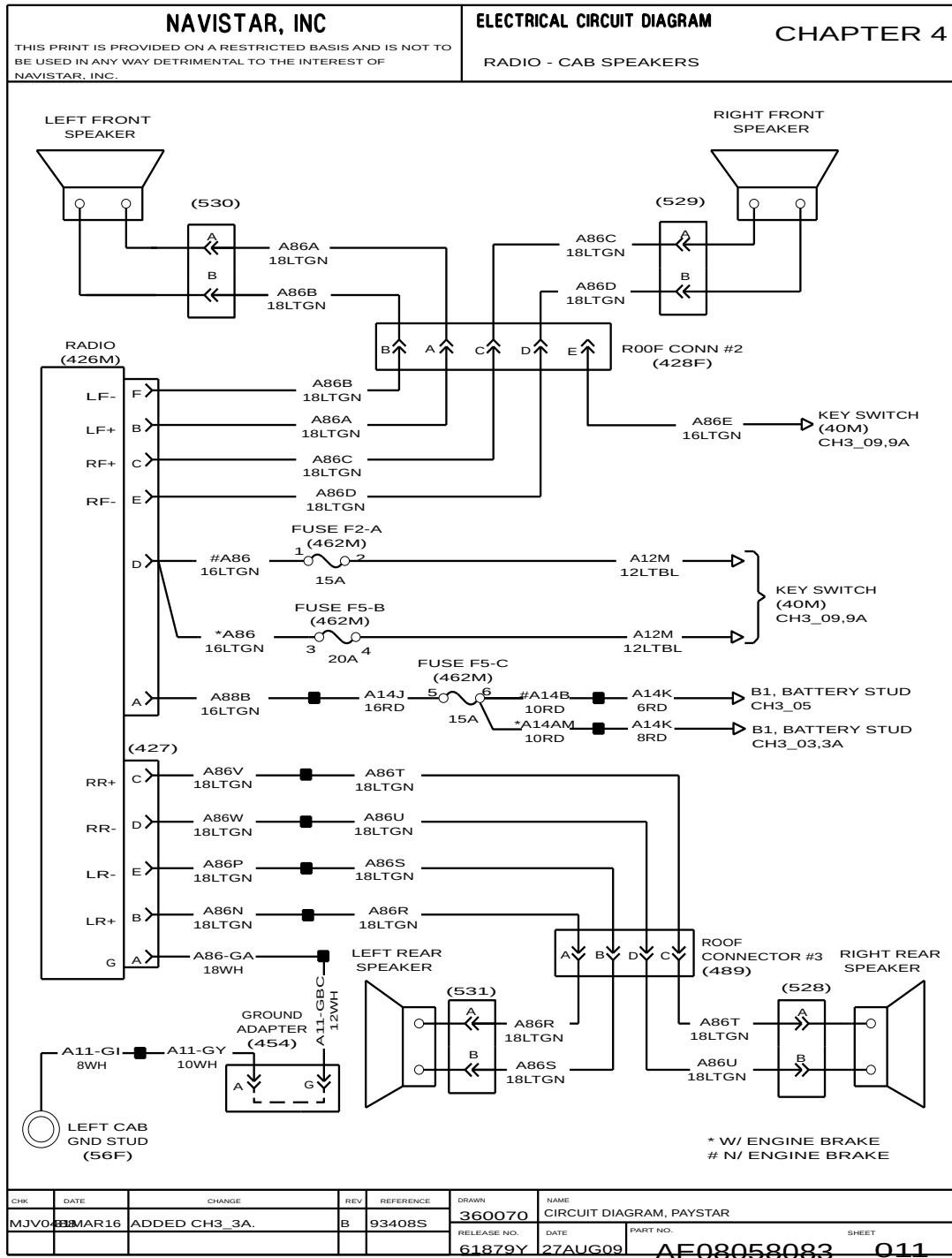


Figure 58 Radio – Cab Speakers

4.12. ELECTRIC LOCK – RIGHT AND LEFT, P. 12

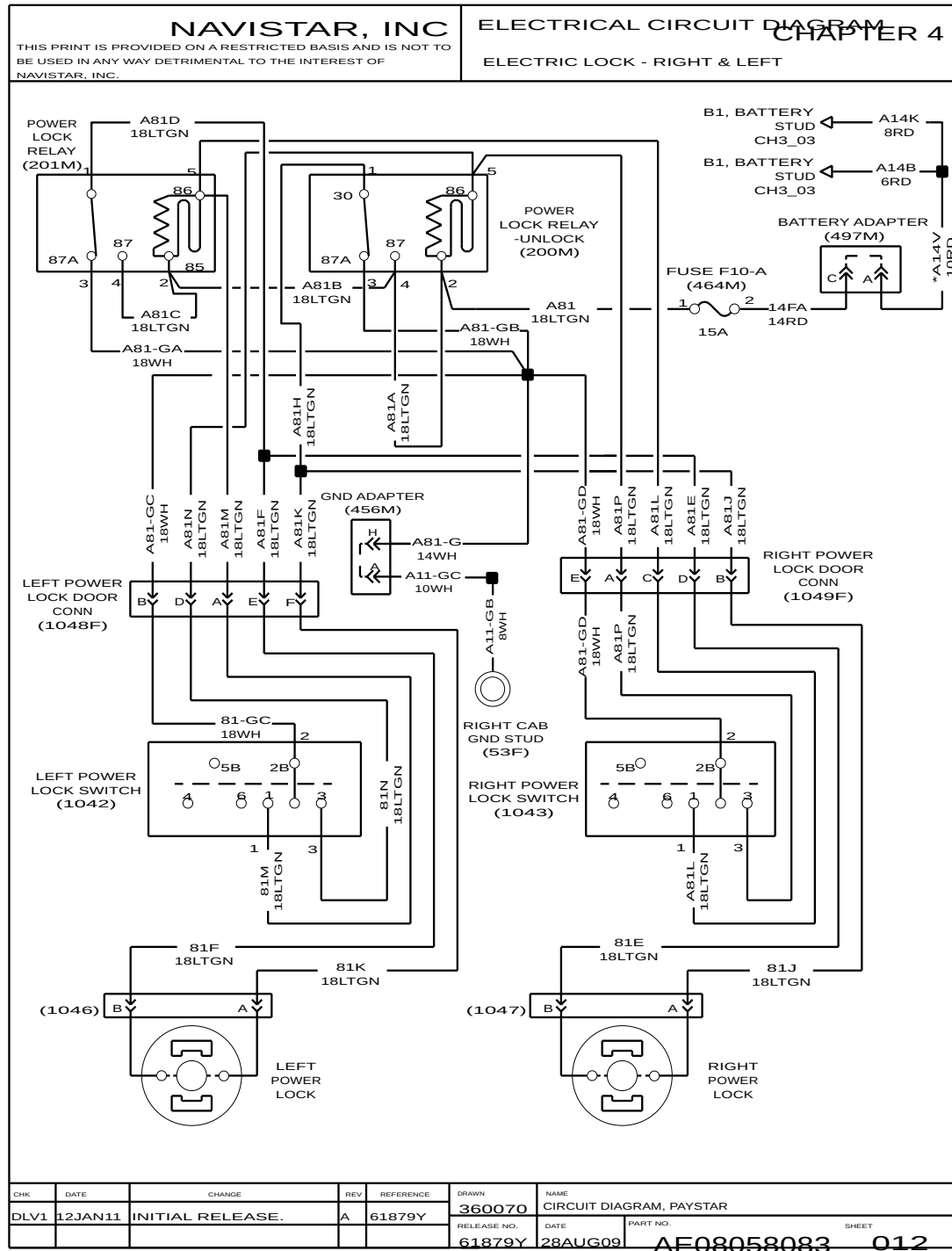


Figure 59 Electric Lock – Right and Left

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.13. TEMPERATURE / COMPASS DISPLAY, P. 13

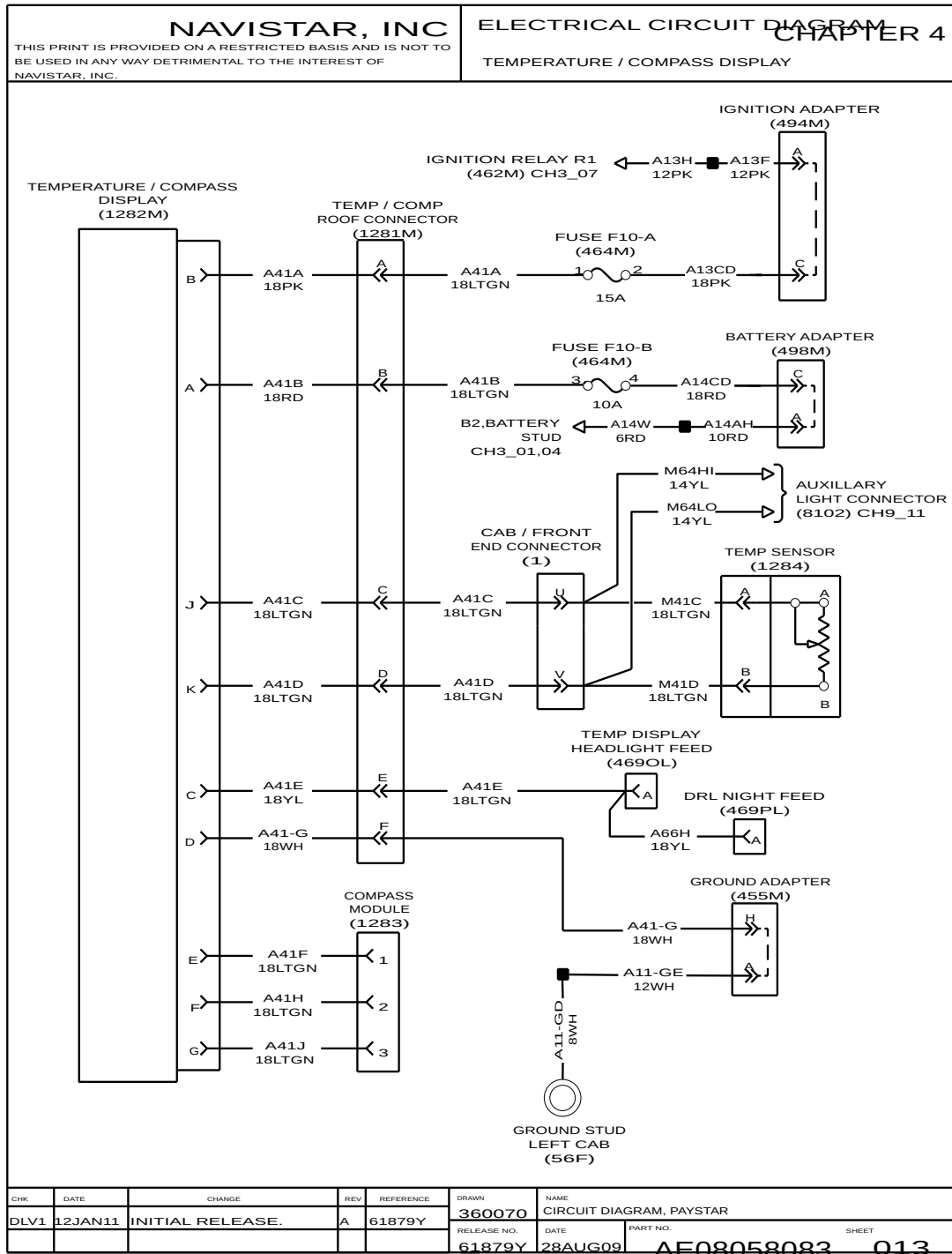


Figure 60 Temperature / Compass Display

4.14. ROAD RELAY IV, P. 14

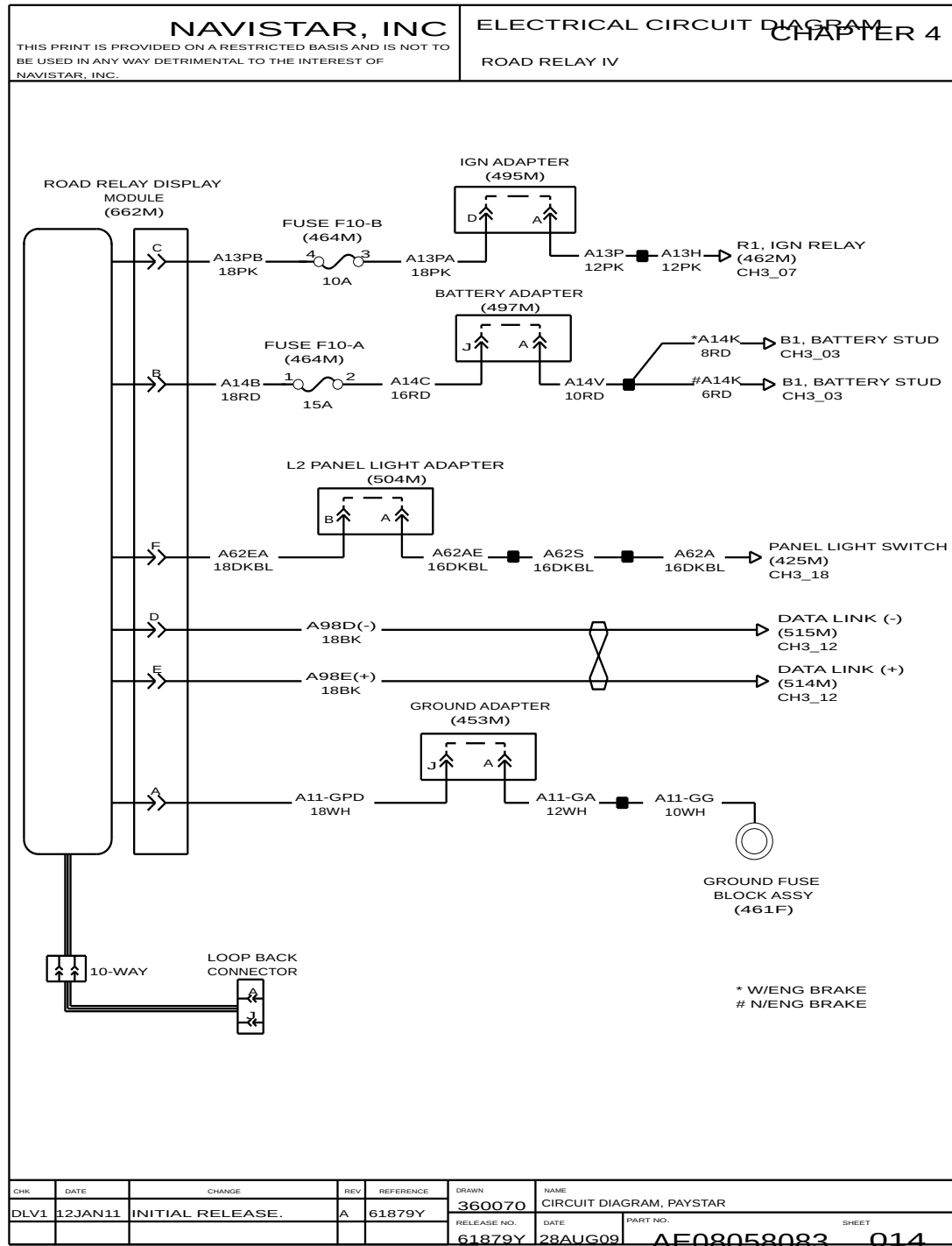


Figure 61 Road Relay IV

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.15. HEATED SEAT – DRIVER, P. 15

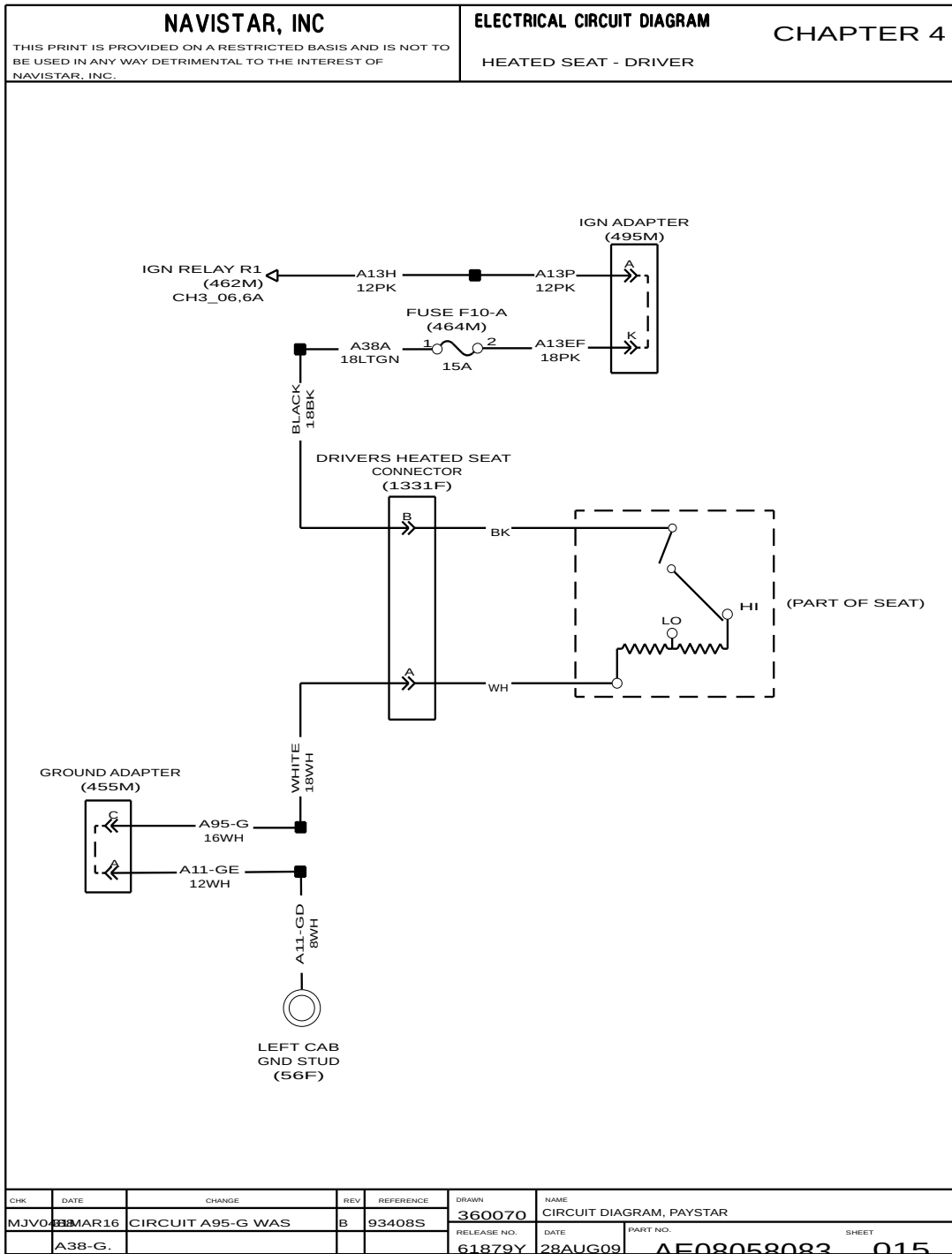


Figure 62 Heated Seat – Driver

4.16. HEATED SEAT – PASSENGER, P. 16

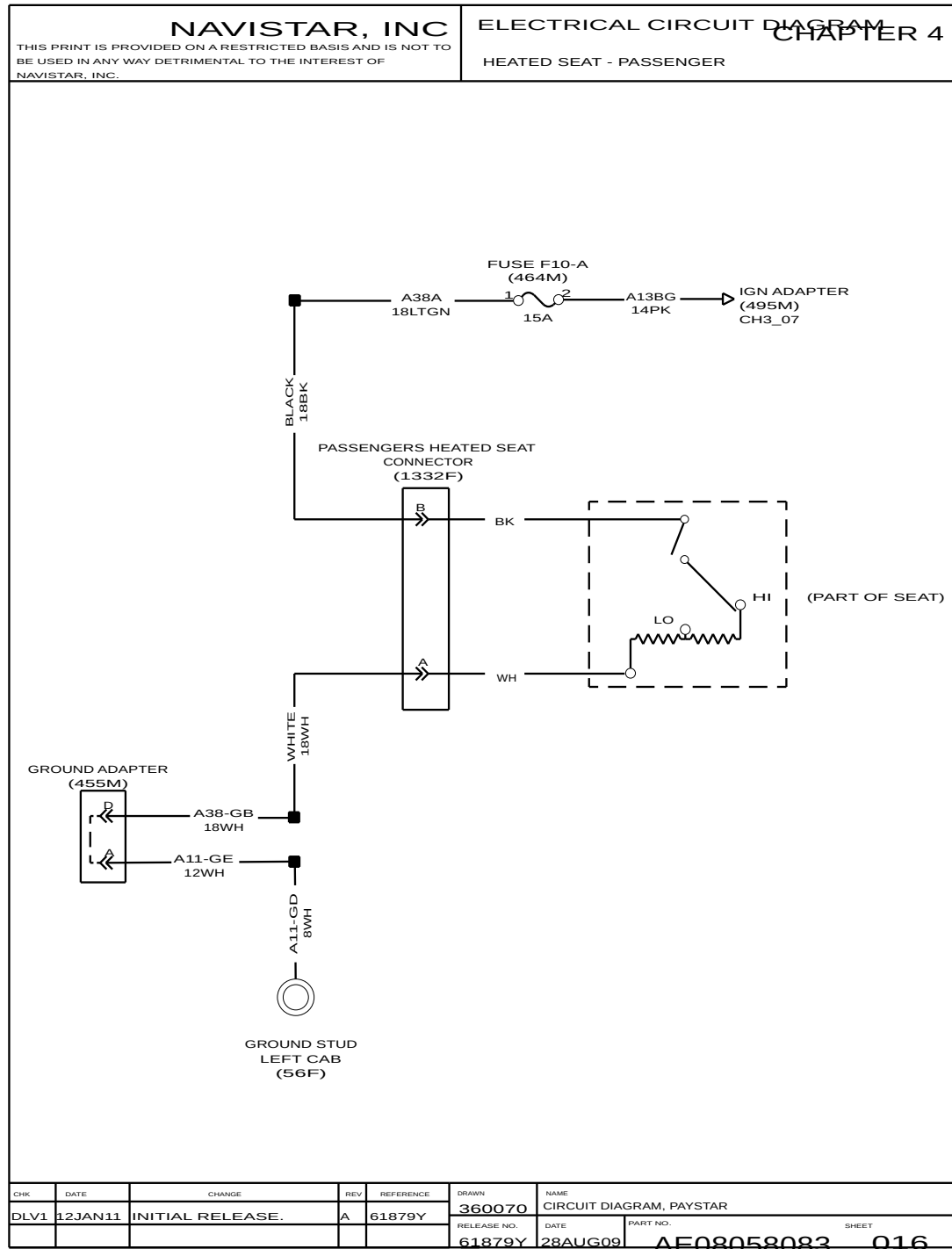


Figure 63 Heated Seat – Passenger

4.18. DEF GAUGE, P. 18

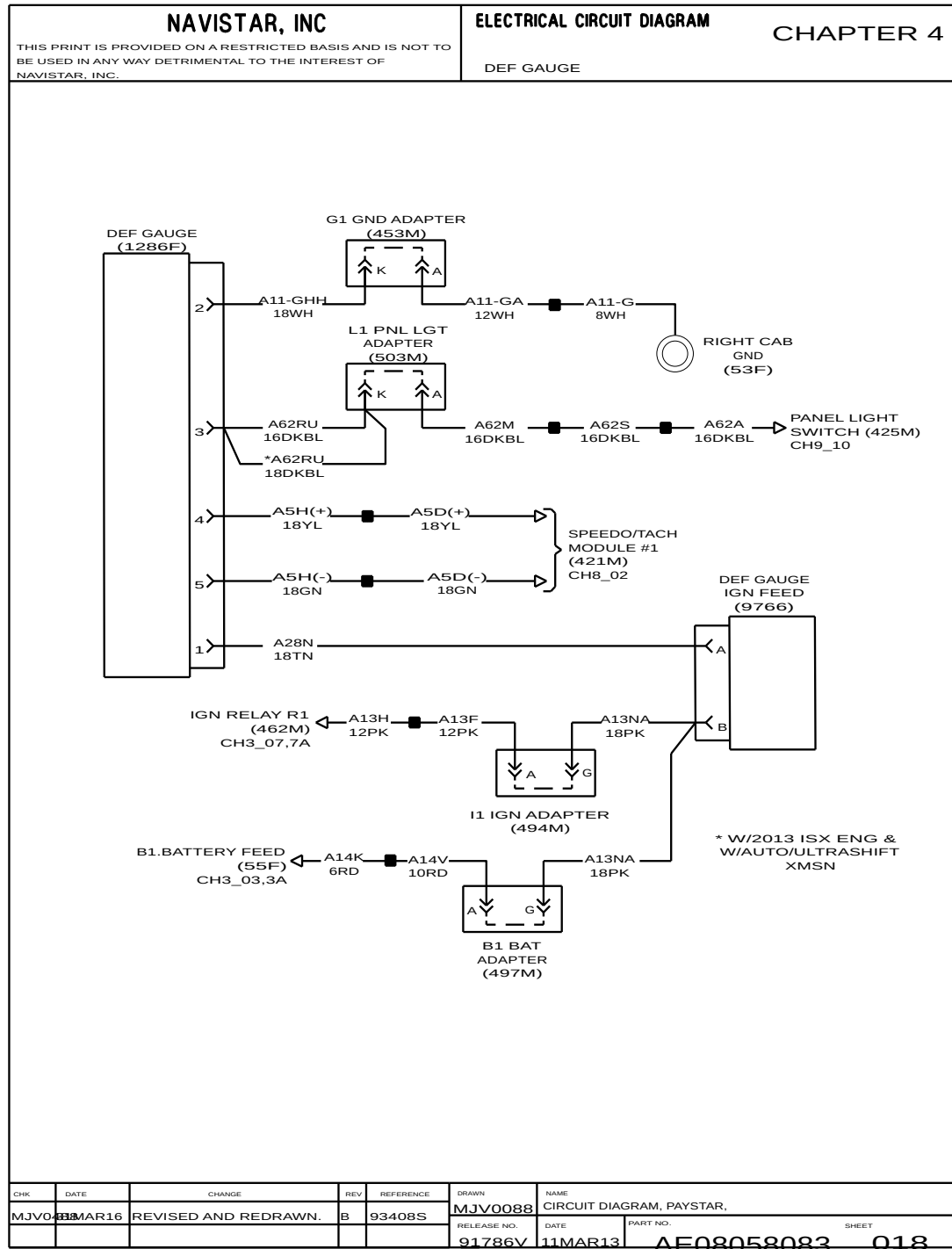


Figure 65 DEF Gauge

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.19. HEWITT MOTION SENSOR, P. 19

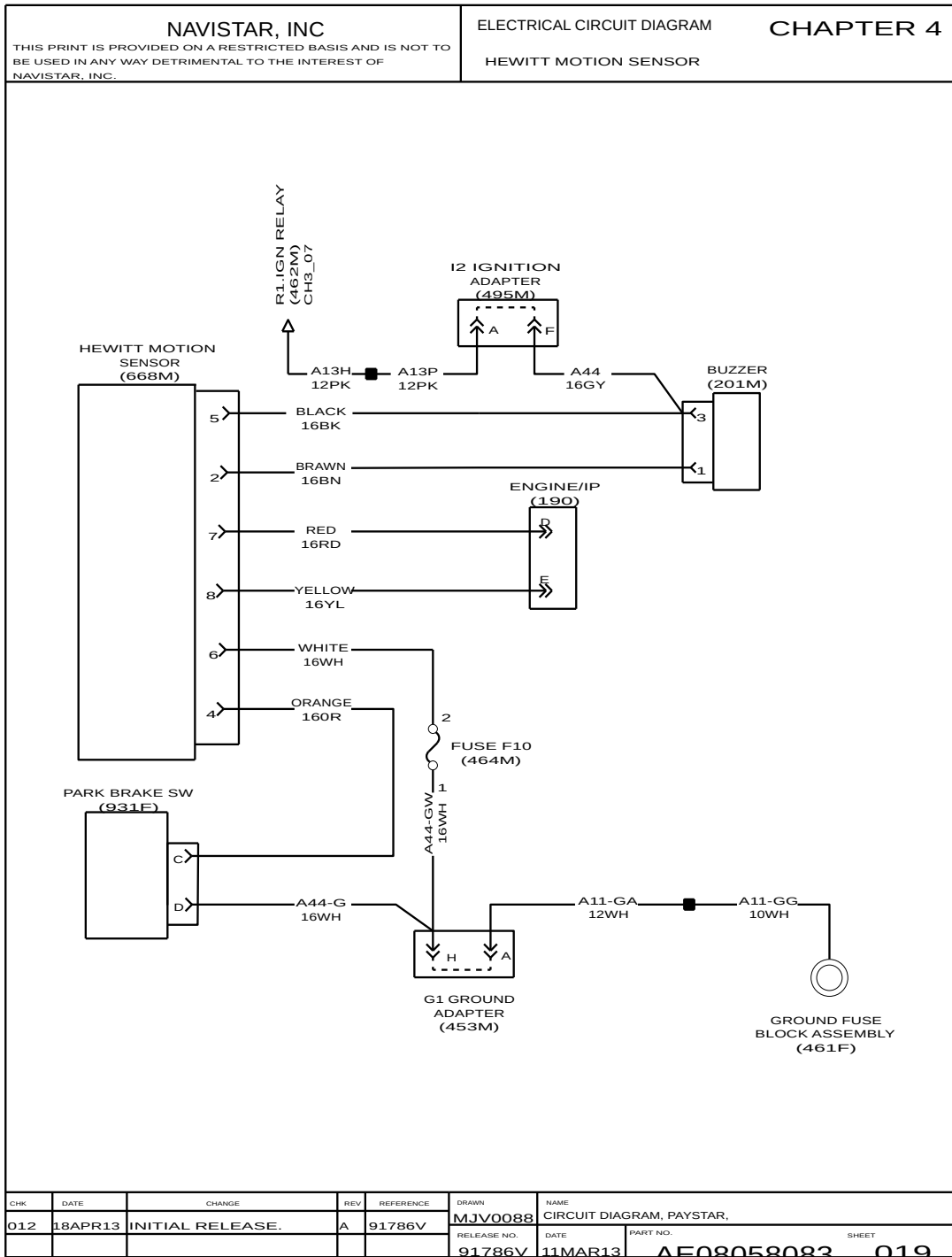


Figure 66 Hewitt Motion Sensor

CHARGING AND CRANKING (CHAPTER 5)

5.1. STARTER INTERLOCK WITH IBB ENGINES, P. 1

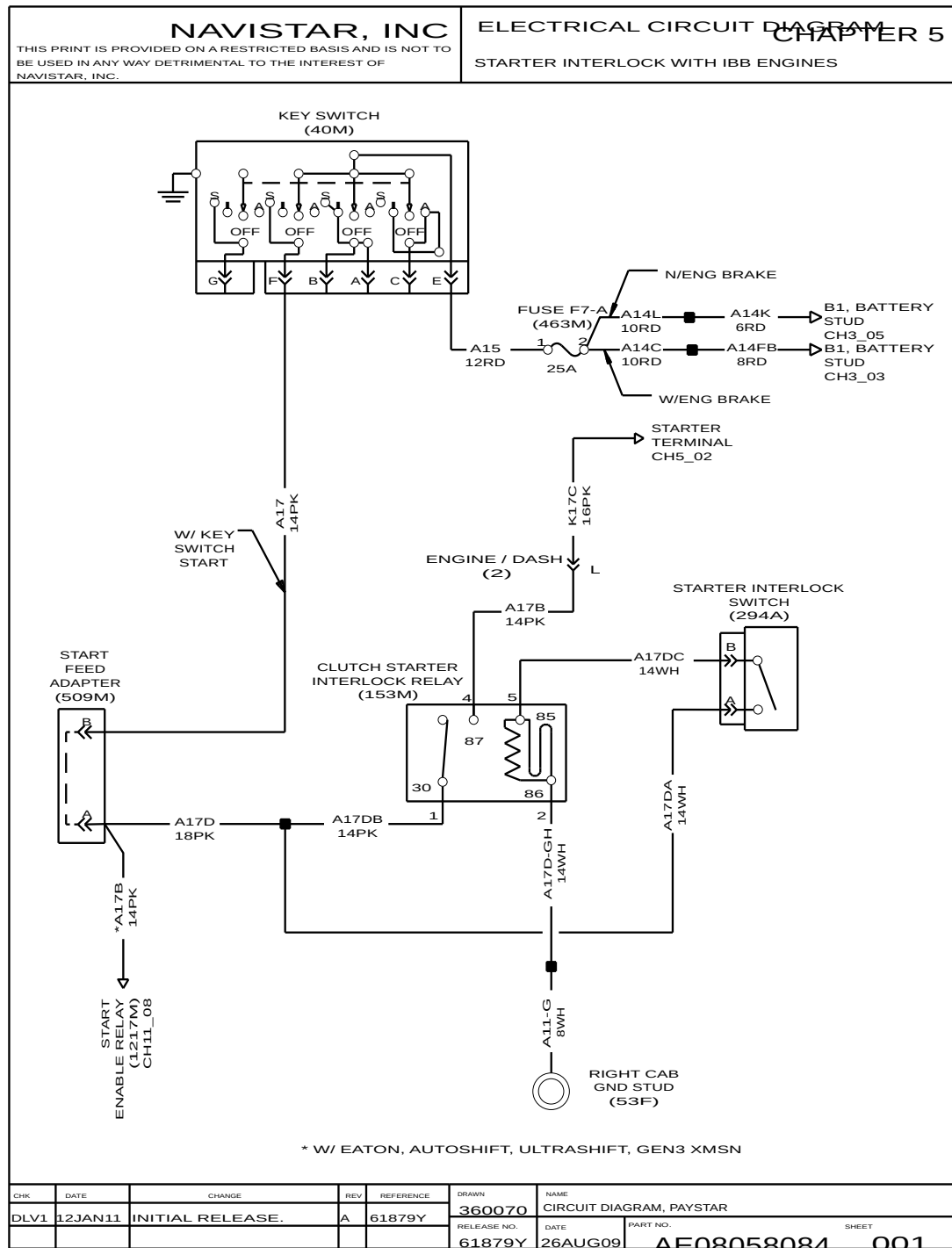


Figure 67 Starter Interlock with IBB Engines

ELECTRICAL CIRCUIT DIAGRAM MANUAL

5.2. STARTER INTERLOCK WITH IBB ENGINES WITH 500K BAUD RATE, P. 1A

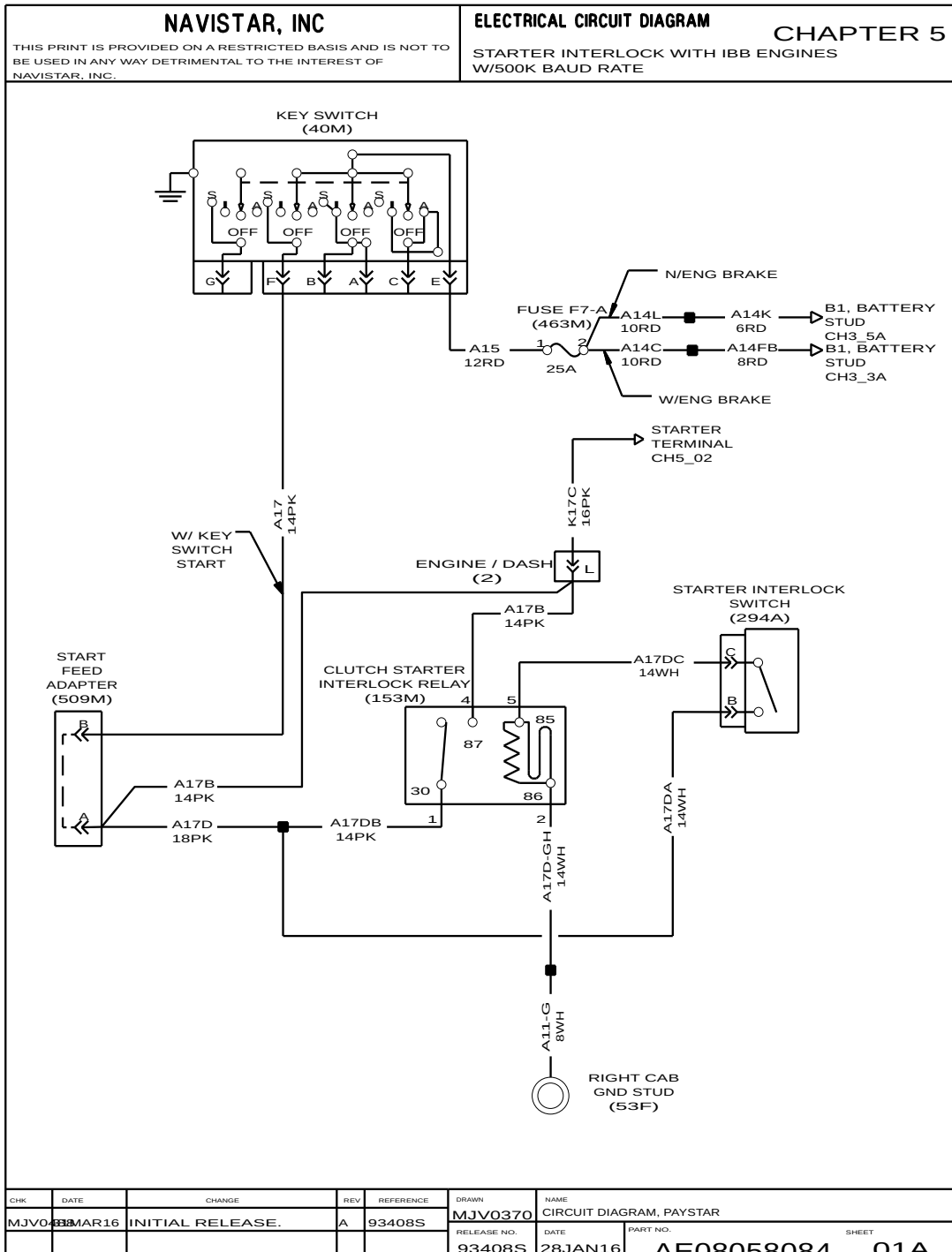


Figure 68 Starter Interlock with IBB Engines with 500K Baud Rate

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FANS WIRING (CHAPTER 6)

6.1. FAN WIRING – IBB ENGINE, P. 1

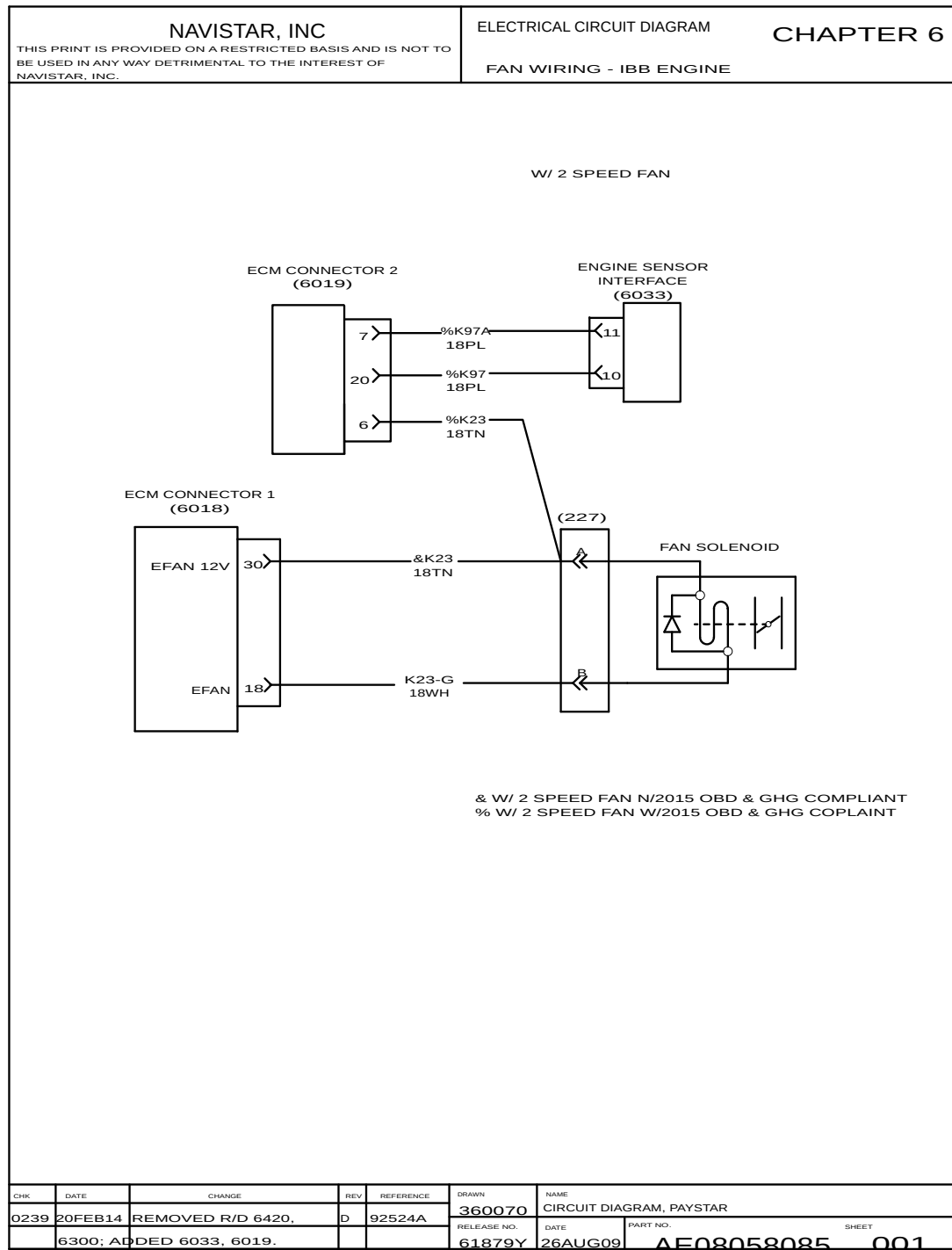


Figure 71 Fan Wiring – IBB Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

6.2. FAN WIRING – IBB ENGINE (CONT.), P. 1A

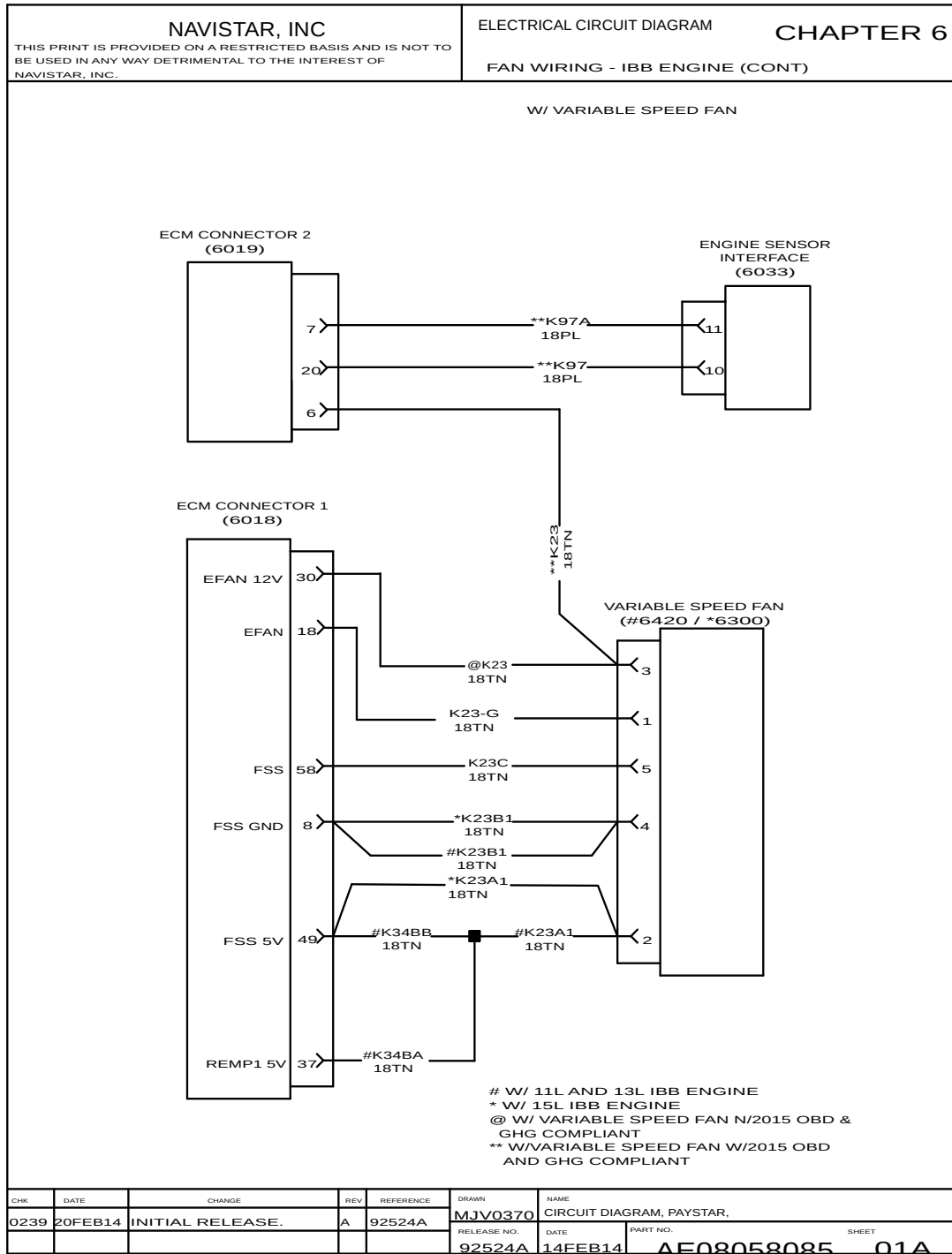


Figure 72 Fan Wiring – IBB Engine (Cont.)

6.3. FAN WIRING – IBB ENGINE (CONT.), P. 2

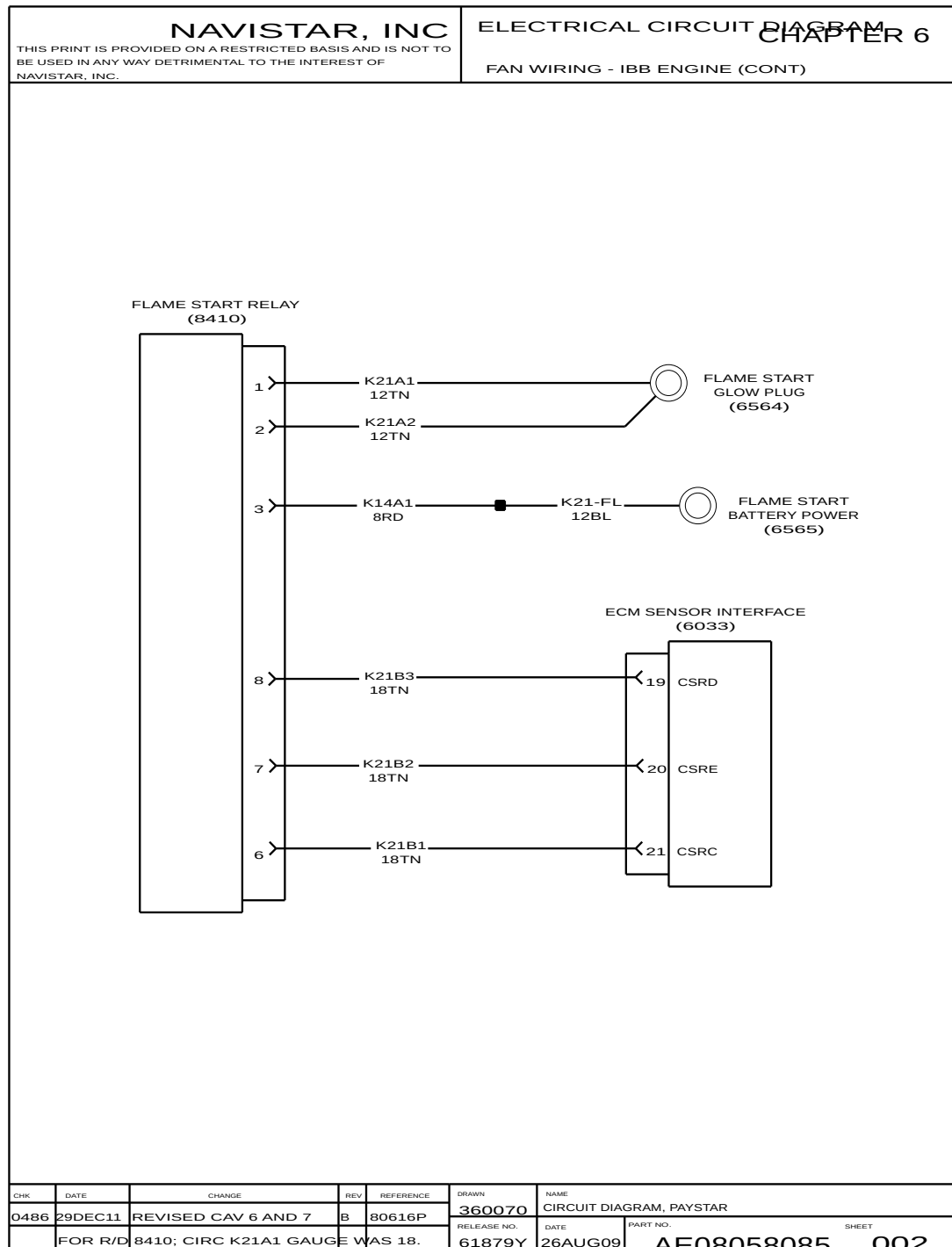


Figure 73 Fan Wiring – IBB Engine (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

ENGINE SYSTEMS (CHAPTER 7)

7.1. ELECTRONIC ENGINE CONTROLS (2010 IBB ENGINE), P. 1

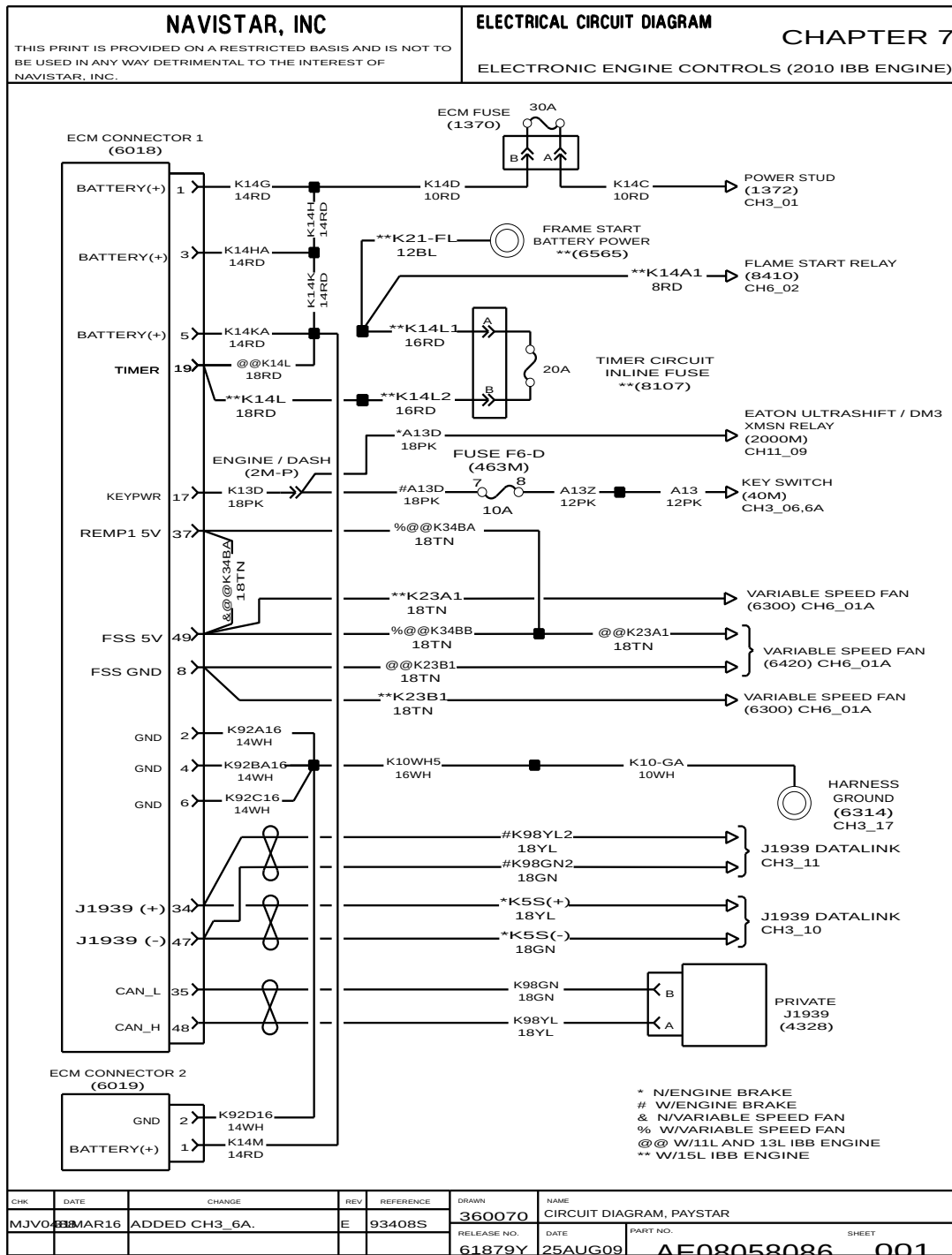


Figure 74 Electronic Engine Controls (2010 IBB Engine)

7.2. ELECTRONIC ENGINE CONTROLS (2010 IBB ENGINE) (CONT.), P. 2

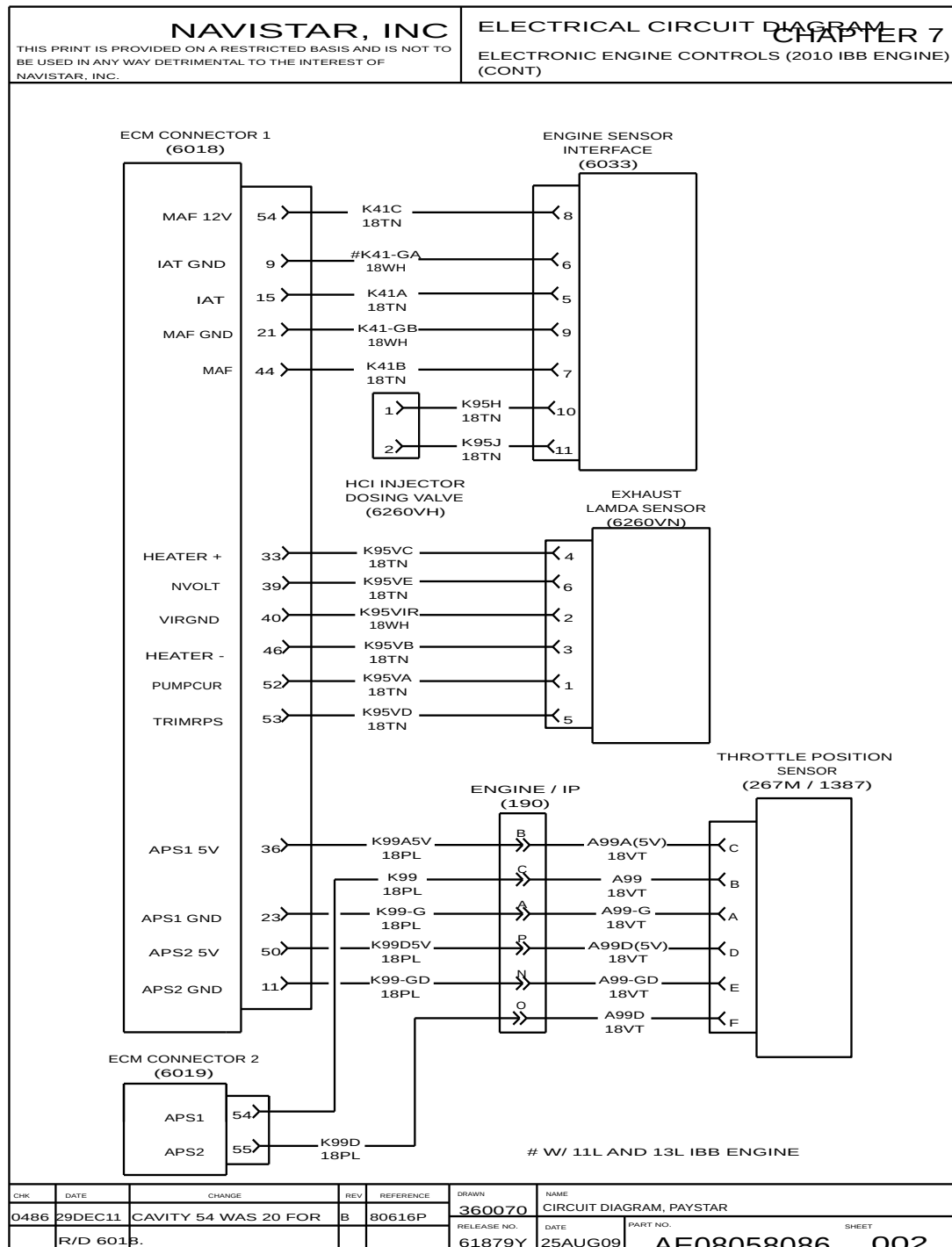


Figure 75 Electronic Engine Controls (2010 IBB Engine) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

7.3. ELECTRONIC ENGINE CONTROLS (2010 IBB ENGINE) (CONT.), P. 3

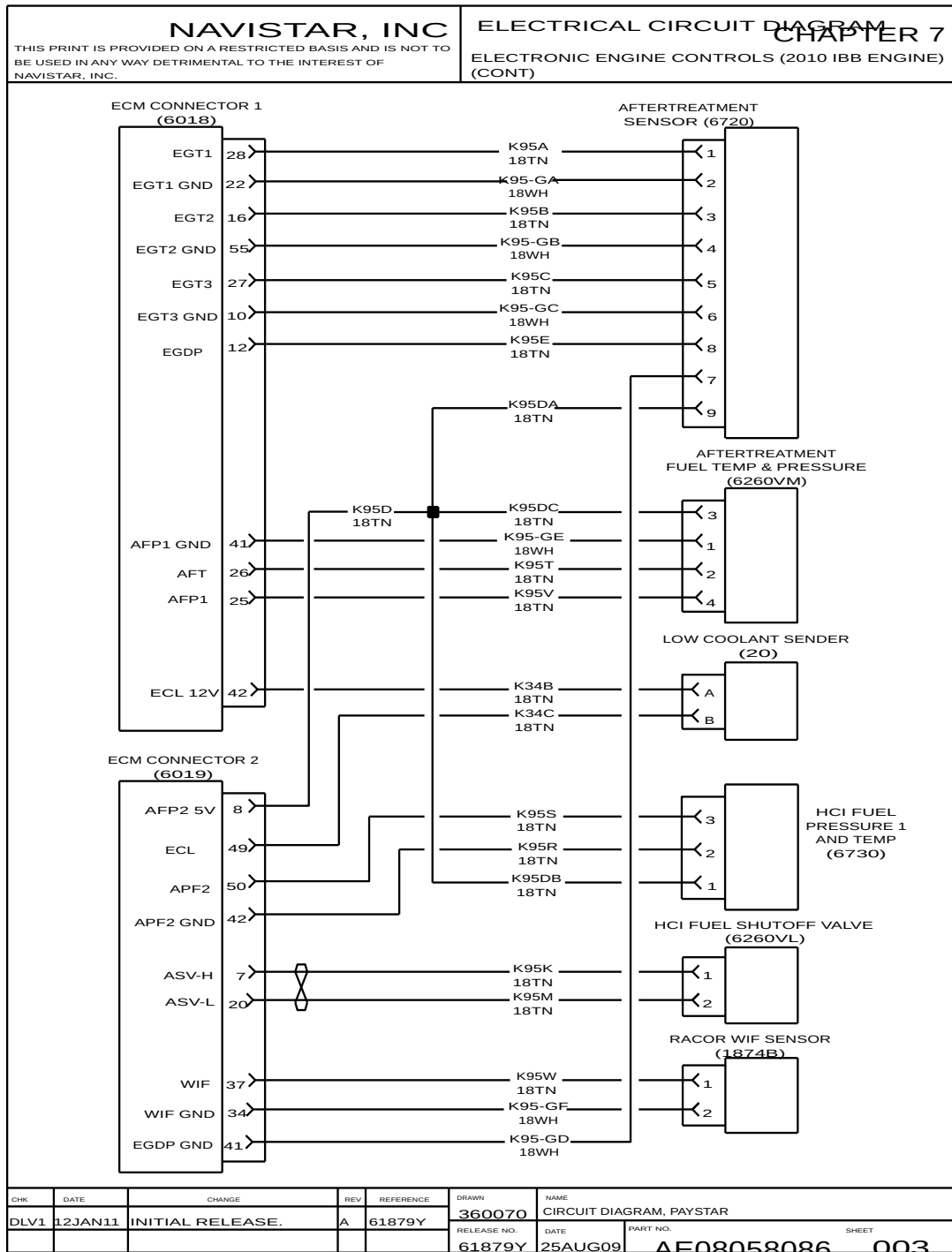


Figure 76 Electronic Engine Controls (2010 IBB Engine) (Cont.)

7.4. ELECTRONIC ENGINE CONTROLS (2010 IBB ENGINE) (CONT.), P. 3A

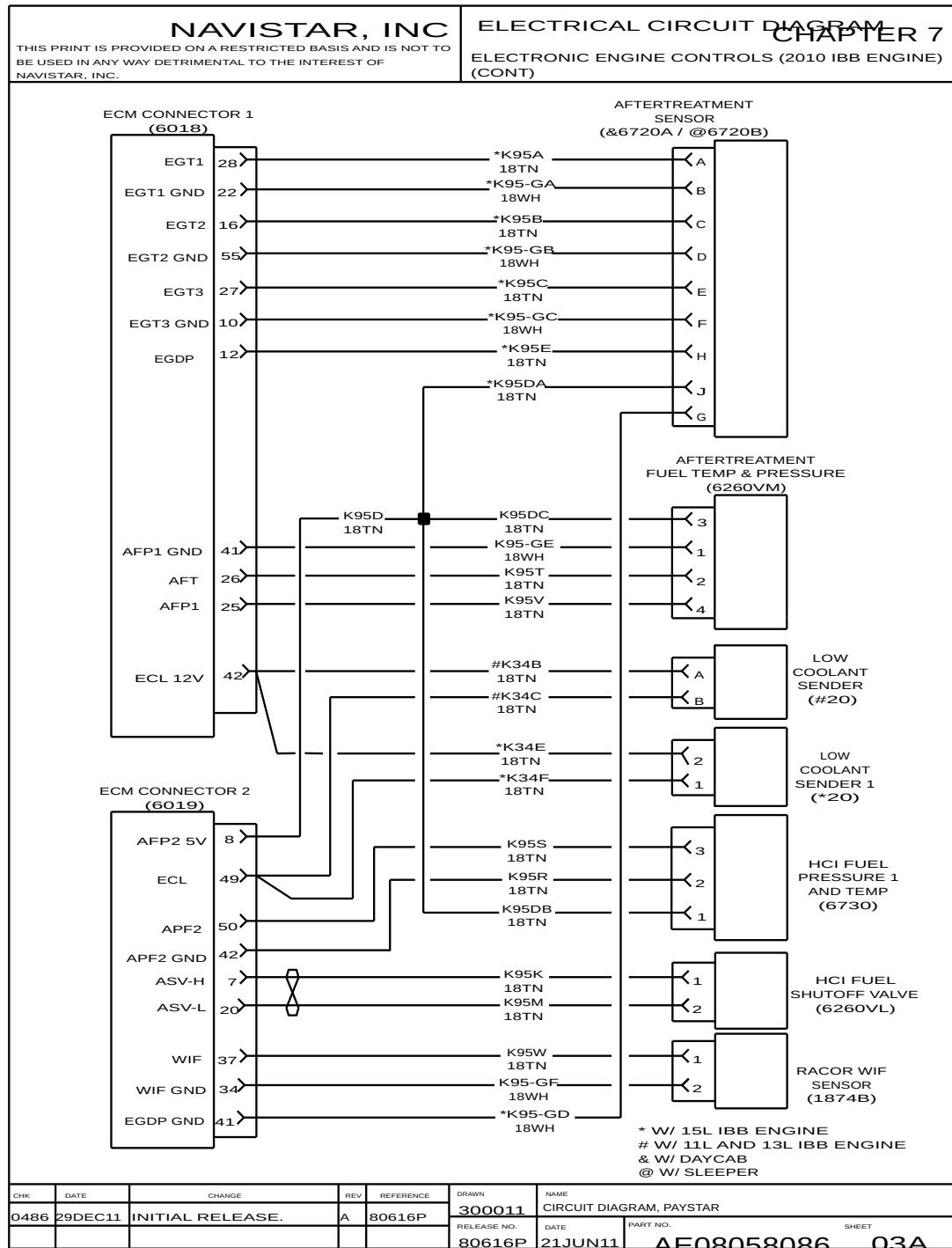


Figure 77 Electronic Engine Controls (2010 IBB Engine) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

7.5. ELECTRONIC ENGINE CONTROLS (2010 IBB ENGINE) (CONT.), P. 4

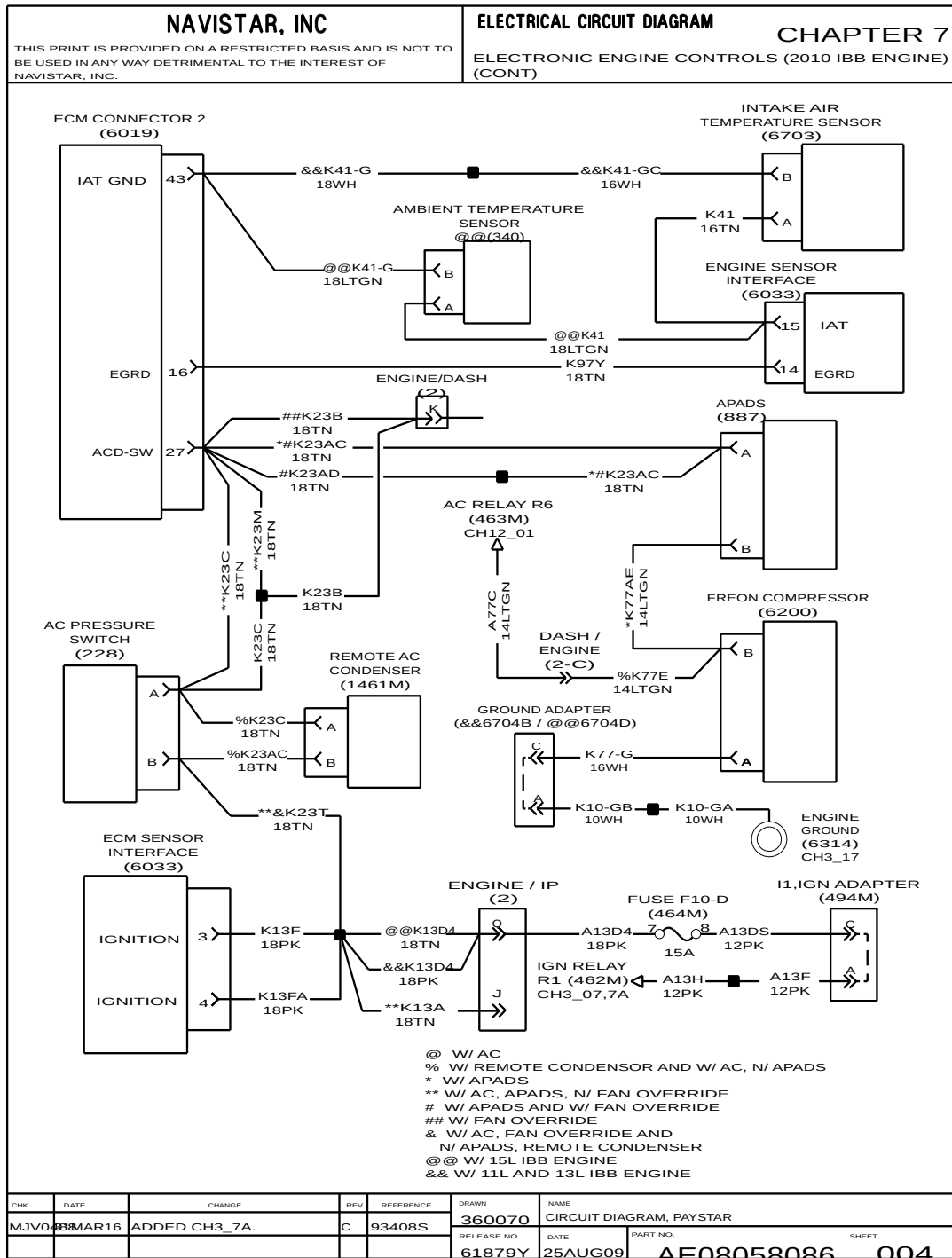


Figure 78 Electronic Engine Controls (2010 IBB Engine) (Cont.)

7.6. FAN DRIVE PROTECTION JUMPER, P. 4A

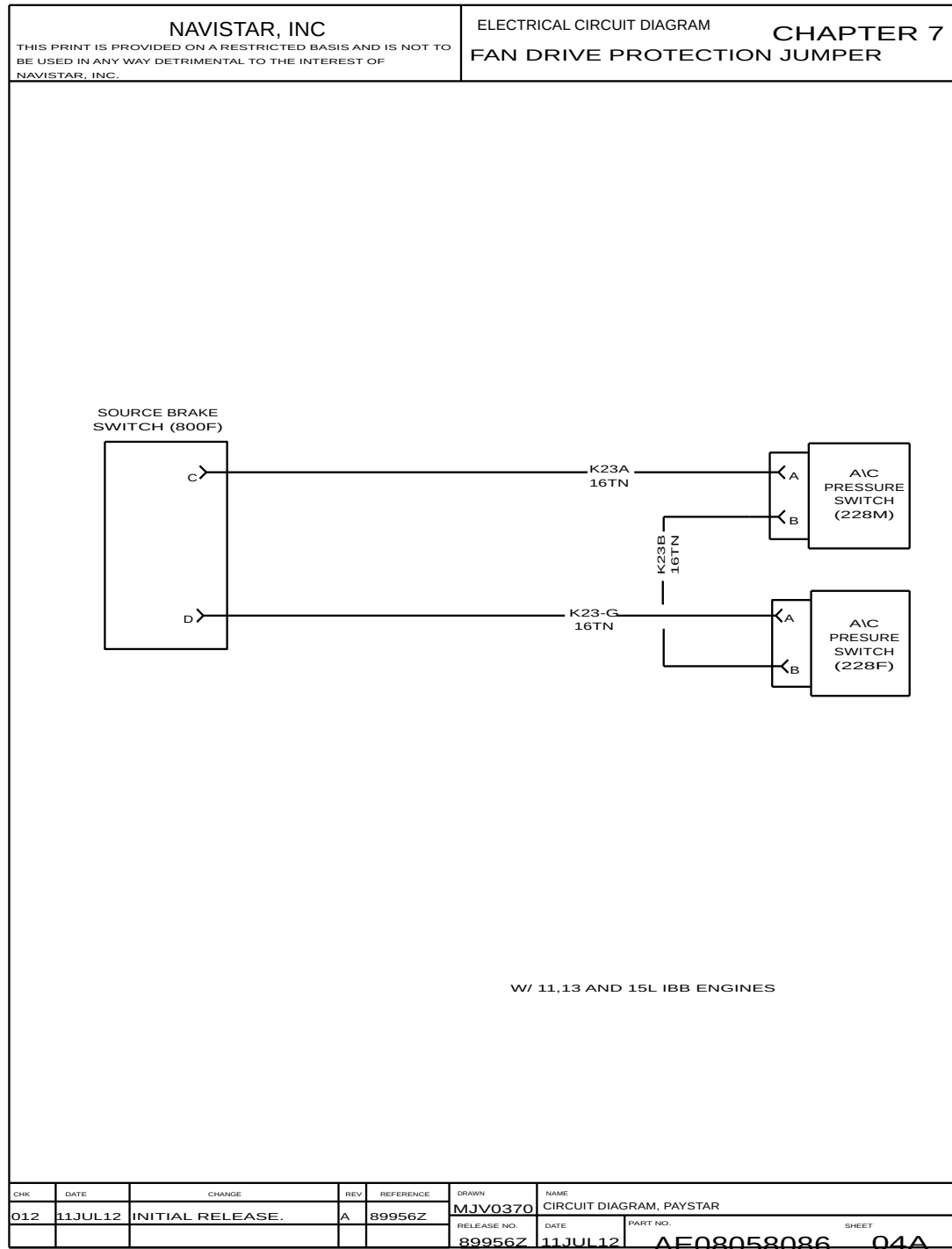


Figure 79 Fan Drive Protection Jumper

ELECTRICAL CIRCUIT DIAGRAM MANUAL

7.7. ELECTRONIC ENGINE CONTROLS (2010 IBB ENGINE) (CONT.), P. 5

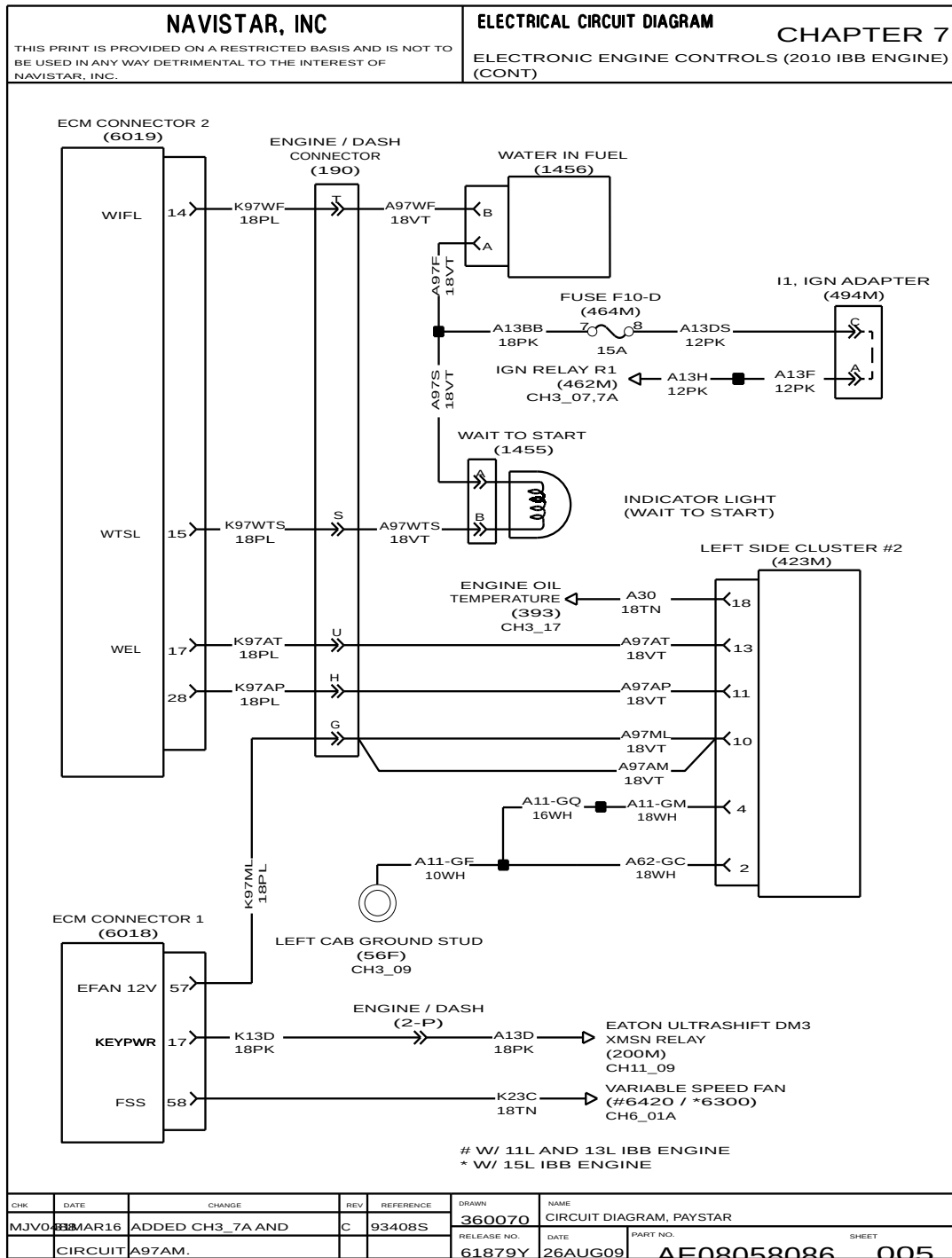


Figure 80 Electronic Engine Controls (2010 IBB Engine) (Cont.)

7.8. ELECTRONIC ENGINE CONTROLS (2010 IBB ENGINE) (CONT.), P. 6

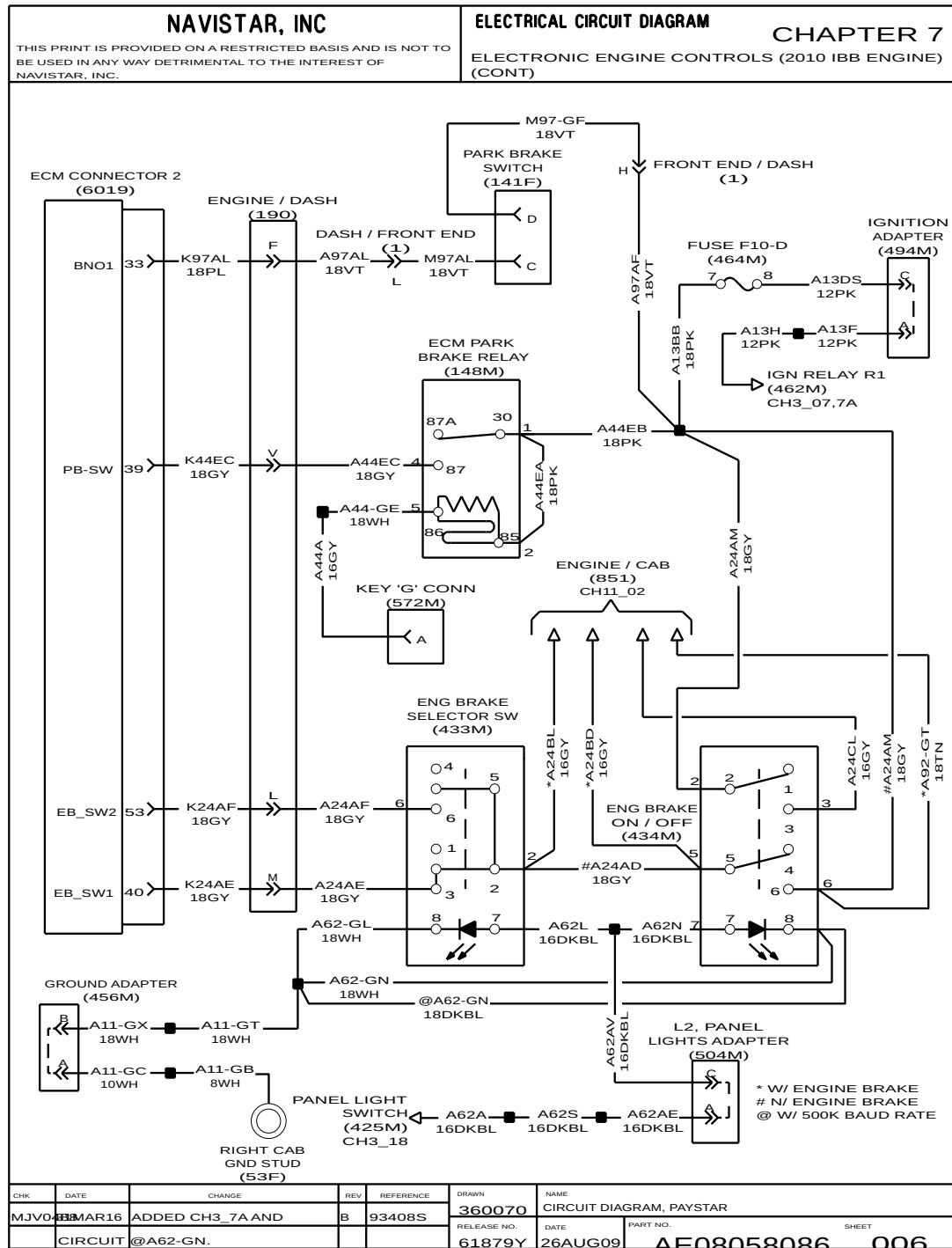


Figure 81 Electronic Engine Controls (2010 IBB Engine) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

7.9. ELECTRONIC ENGINE CONTROLS (2010 IBB ENGINE) (CONT.), P. 7

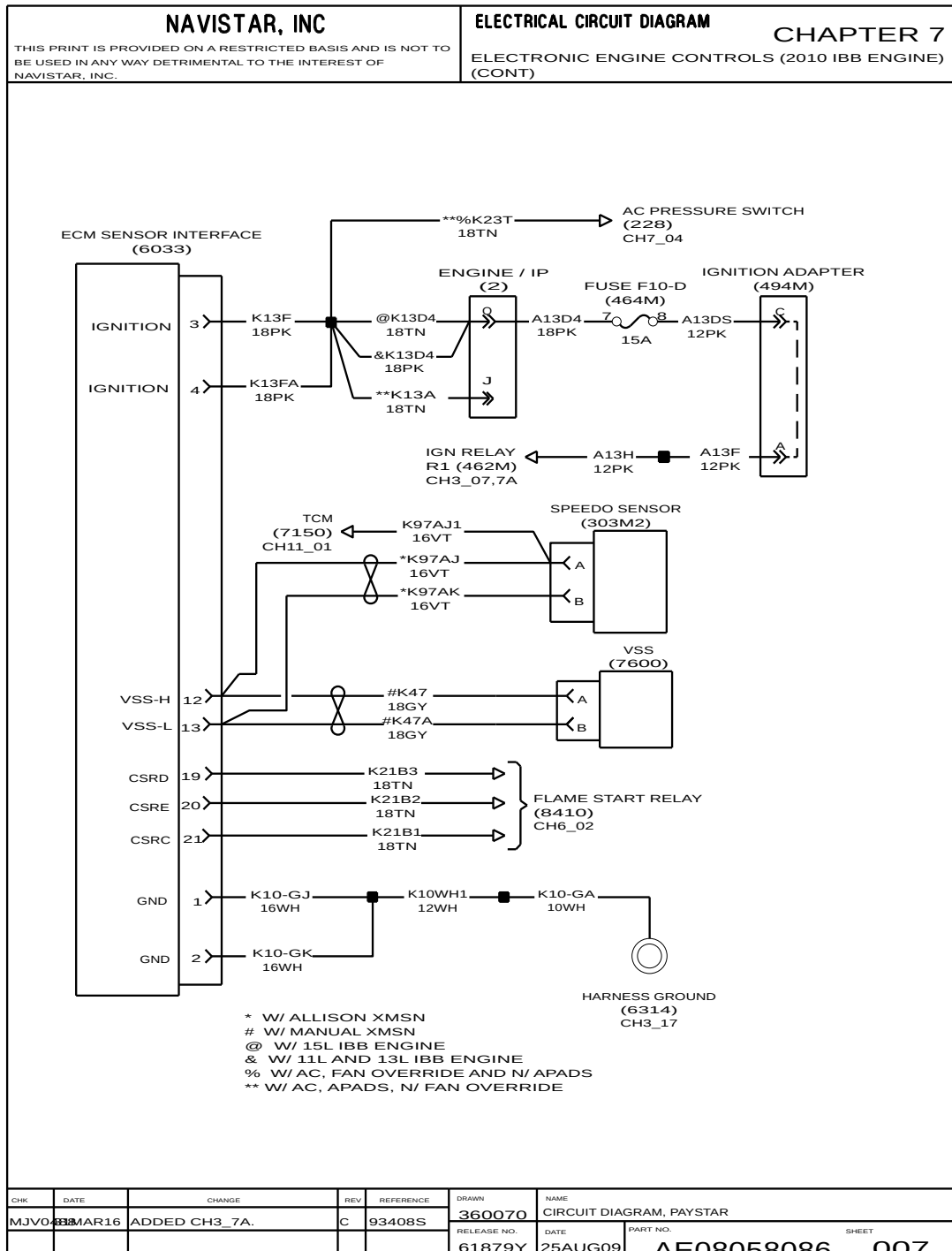


Figure 82 Electronic Engine Controls (2010 IBB Engine) (Cont.)

[illegible]

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ELECTRICAL CIRCUIT DIAGRAM MANUAL

7.11. AFTERTREATMENT CONTROL, P. 9

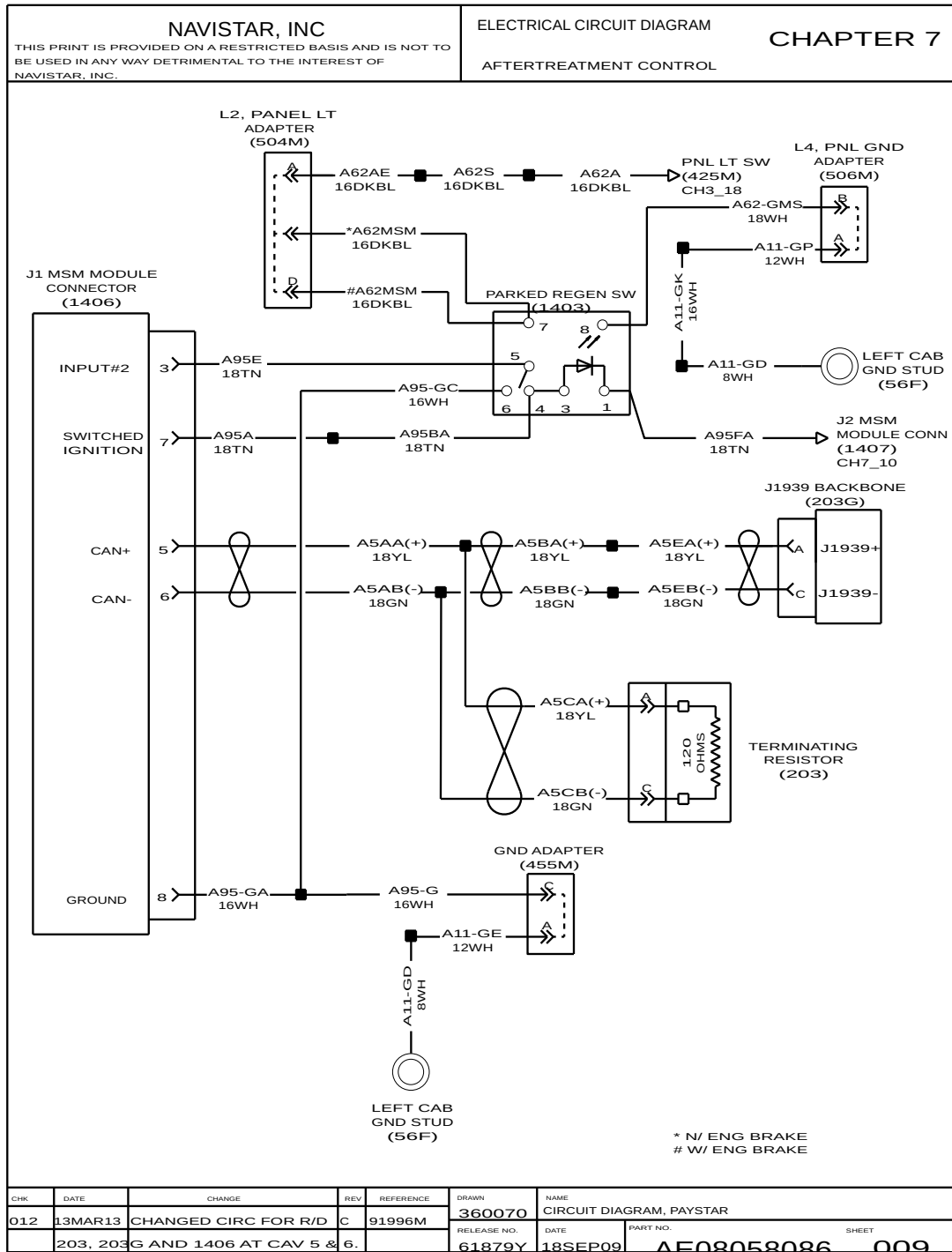


Figure 84 Aftertreatment Control

7.12. SART MODULE, P. 9A

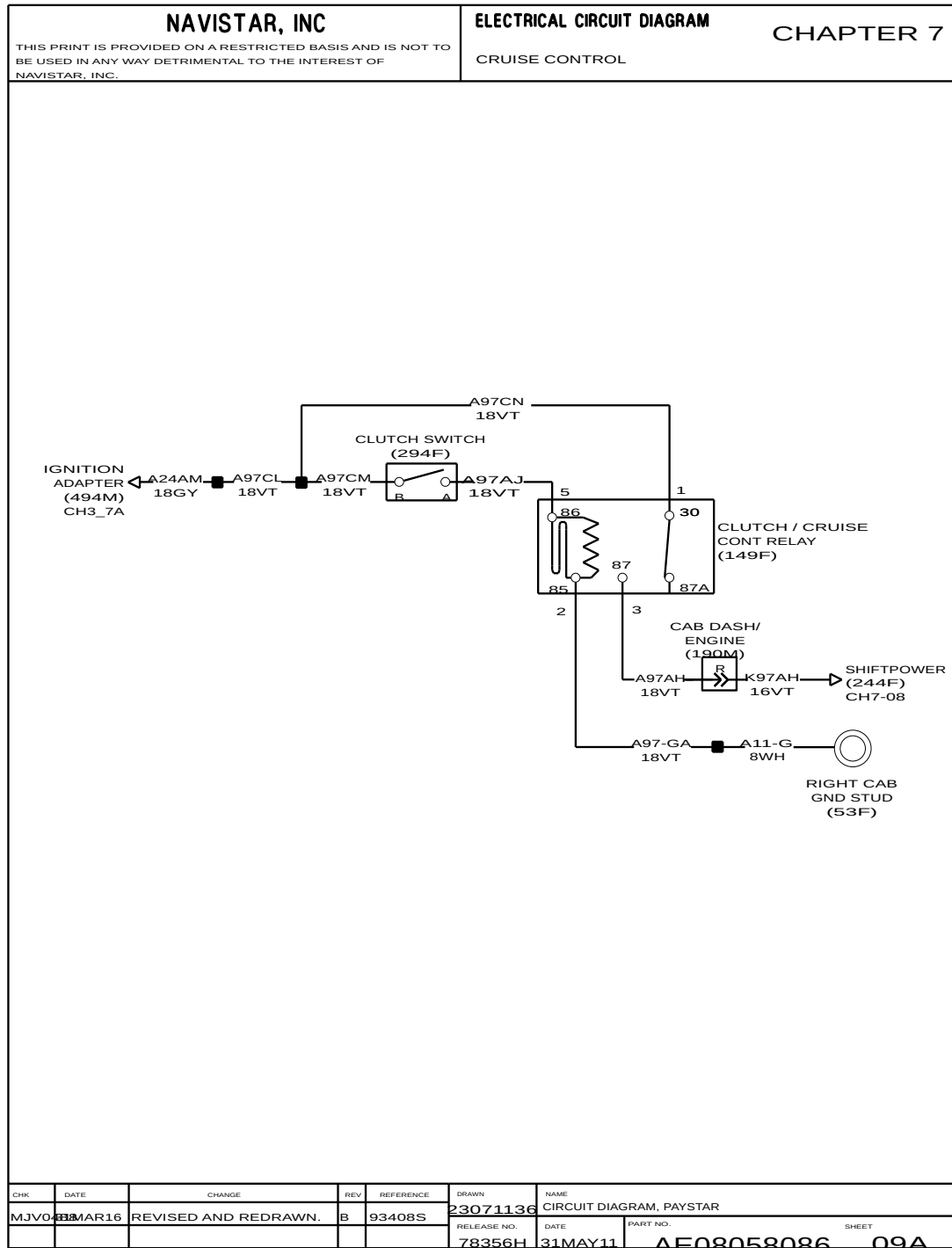


Figure 85 SART Module

7.14. AFTERTREATMENT CONTROL WITH 500K BAUD RATE, P. 10A

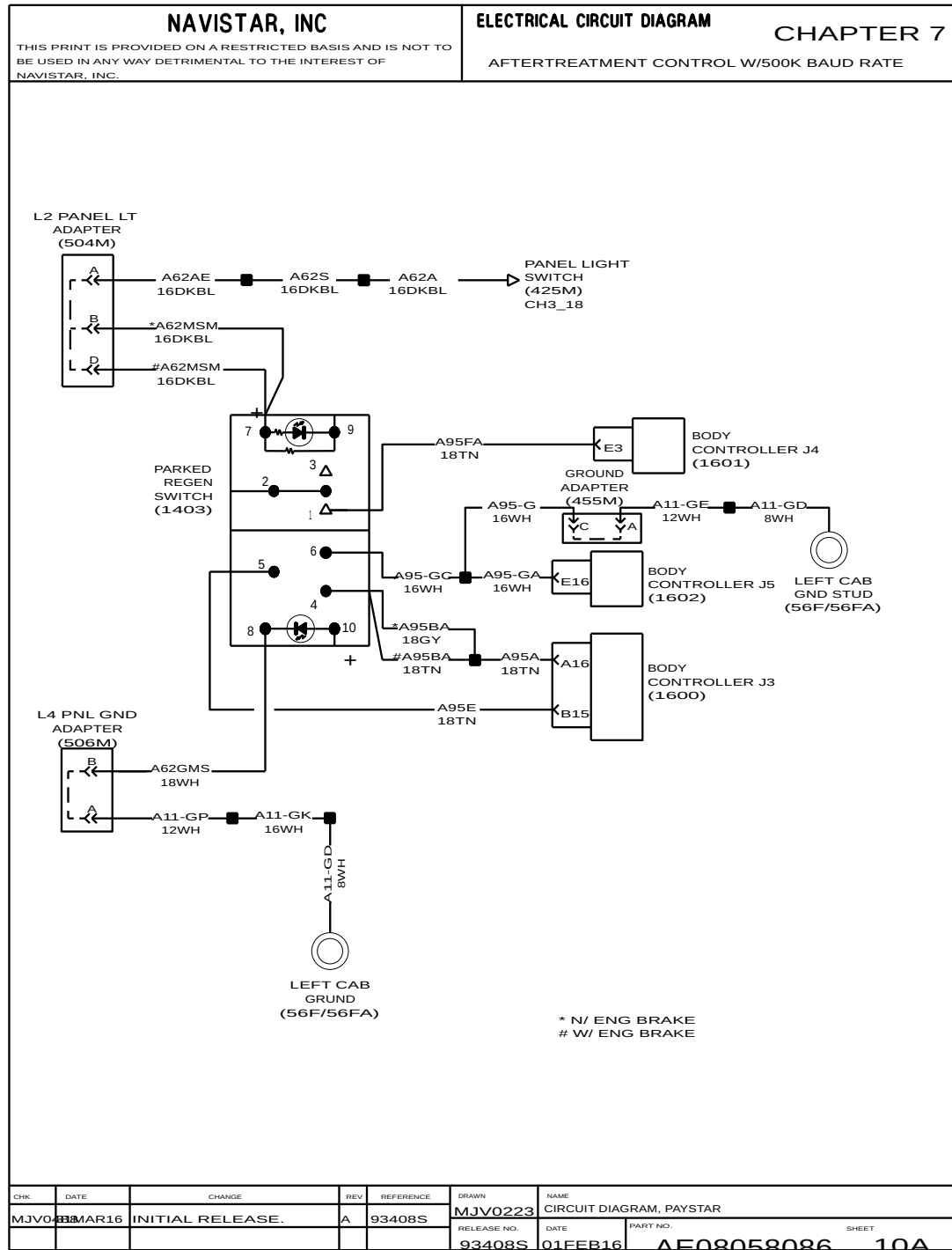


Figure 87 Aftertreatment Control with 500K Baud Rate

ELECTRICAL CIRCUIT DIAGRAM MANUAL

7.15. AFTERTREATMENT CONTROL WITH 500K BAUD RATE (CONT.), P. 10B

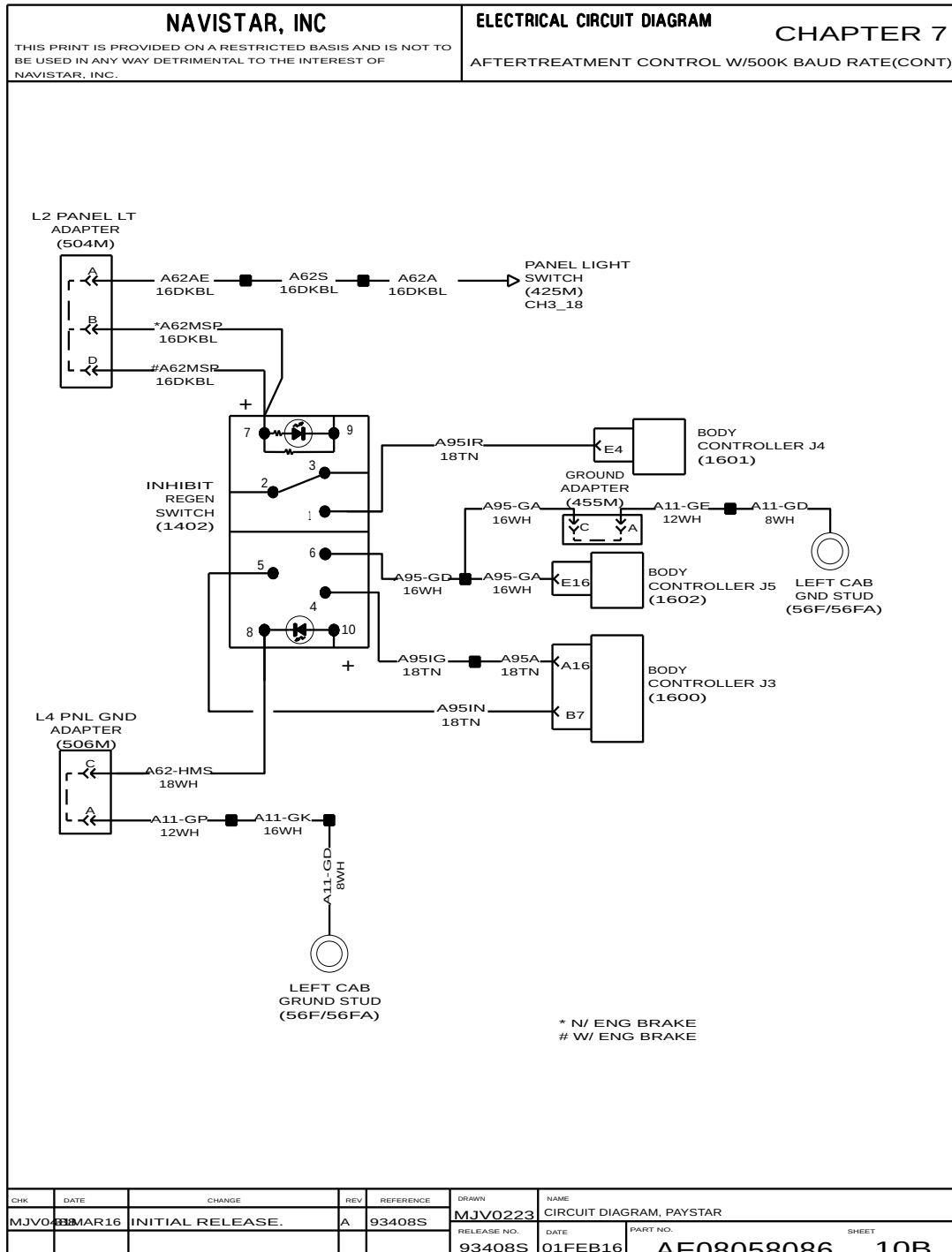


Figure 88 Aftertreatment Control with 500K Baud Rate (Cont.)

7.16. ELECTRONIC ENGINE CONTROLS (15L ENG) ISX 2013, P. 11

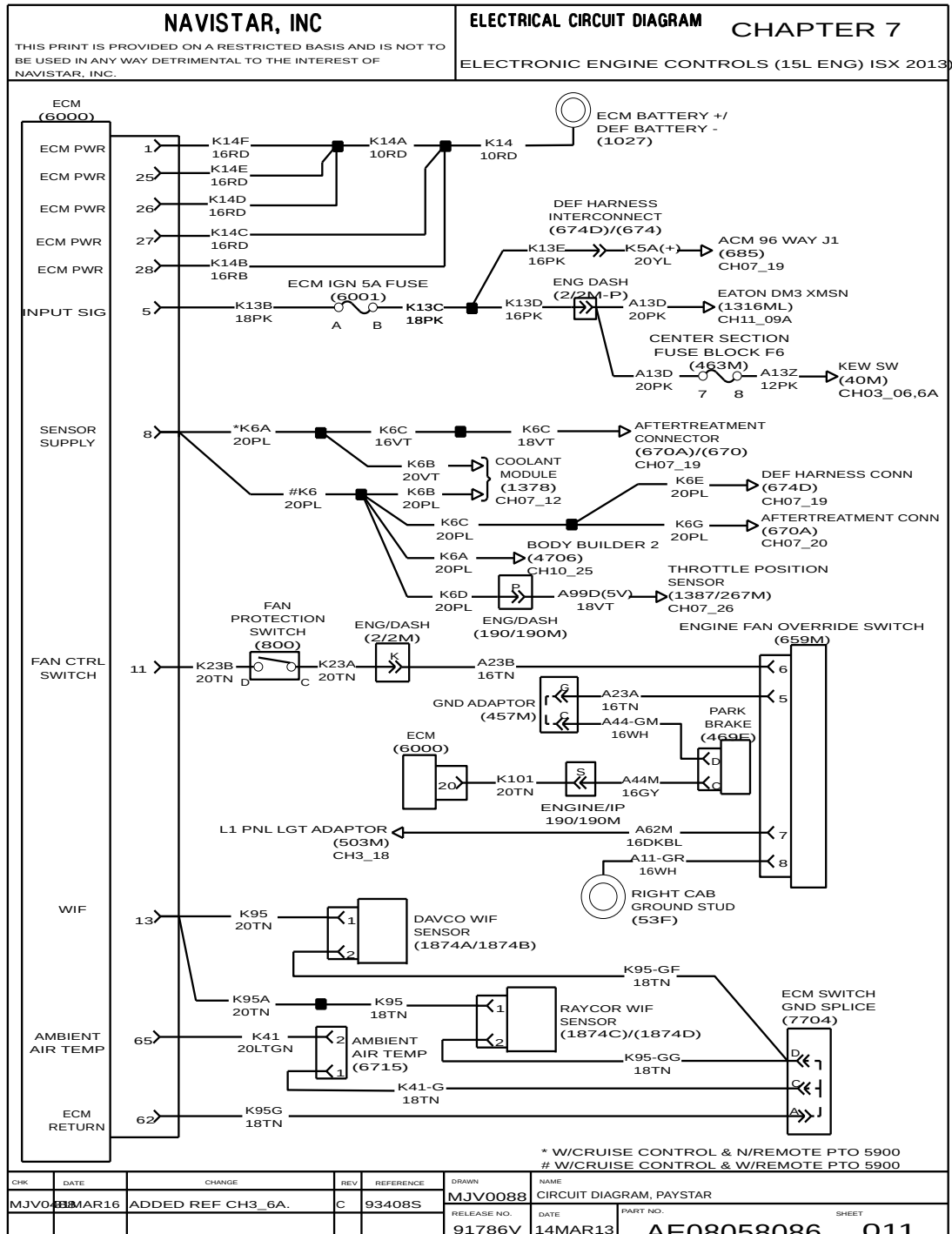


Figure 89 Electronic Engine Controls (15L Eng) ISX 2013

ELECTRICAL CIRCUIT DIAGRAM MANUAL

7.17. ELECTRONIC ENGINE CONTROLS (15L ENG) ISX 2013 (CONT.), P. 12

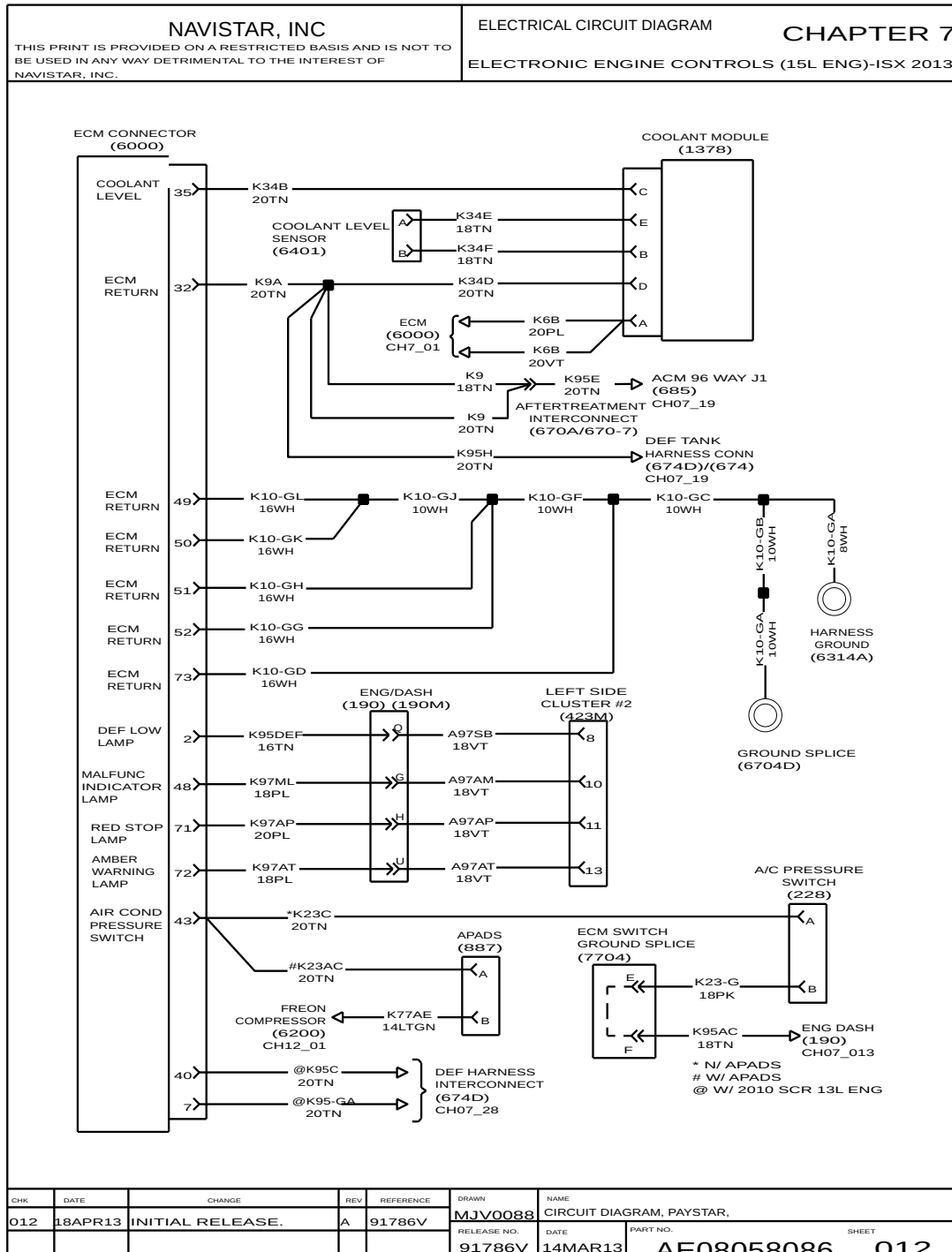


Figure 90 Electronic Engine Controls (15L Eng) ISX 2013 (Cont.)

7.18. 15L ENG & CRUISE CONTROL – ISX 2013, P. 13

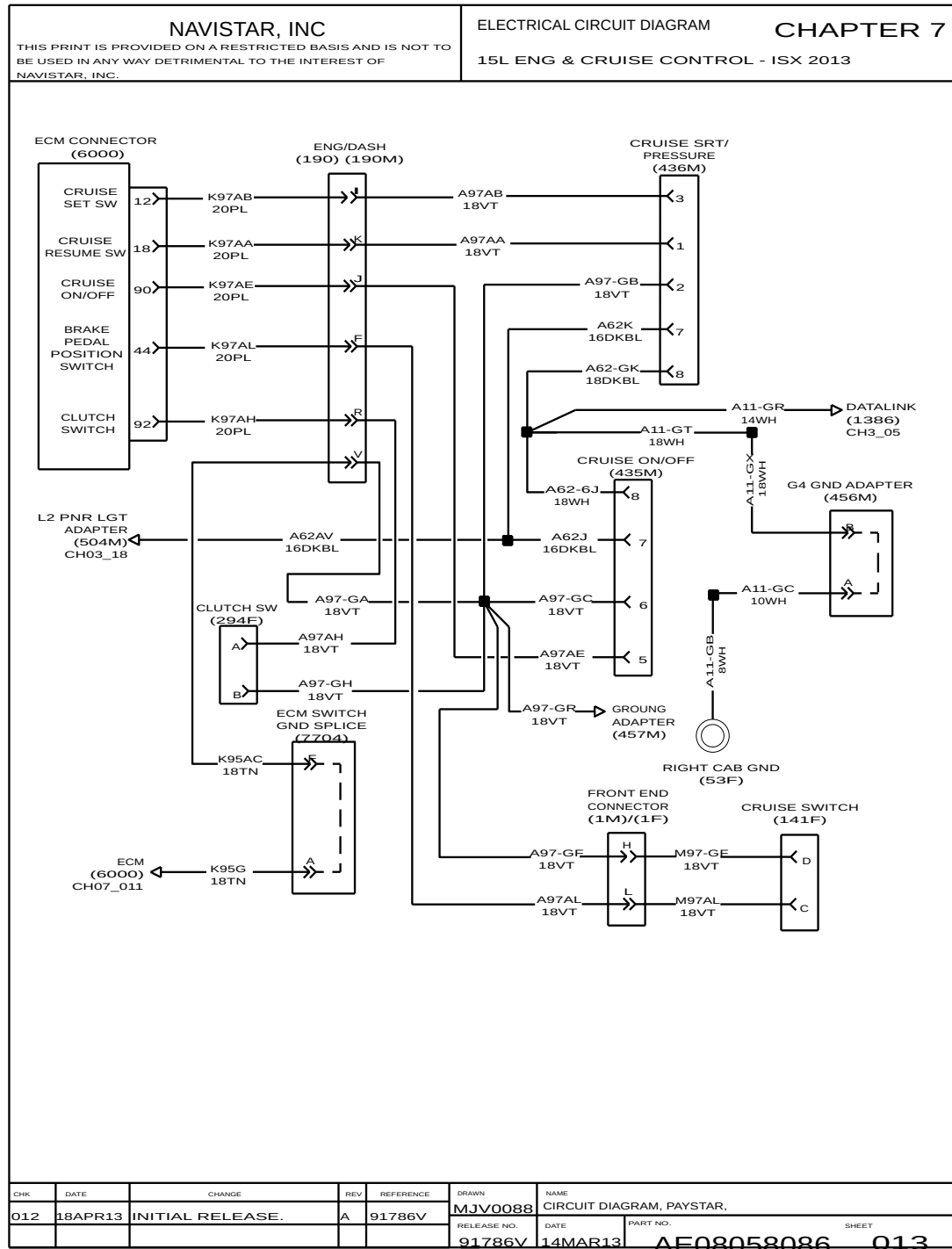


Figure 91 15L Eng & Cruise Control – ISX 2013

ELECTRICAL CIRCUIT DIAGRAM MANUAL

7.19. ELECTRONIC ENGINE CONTROLS (IBB ENGINE) – SCR EFFECTS, P. 14

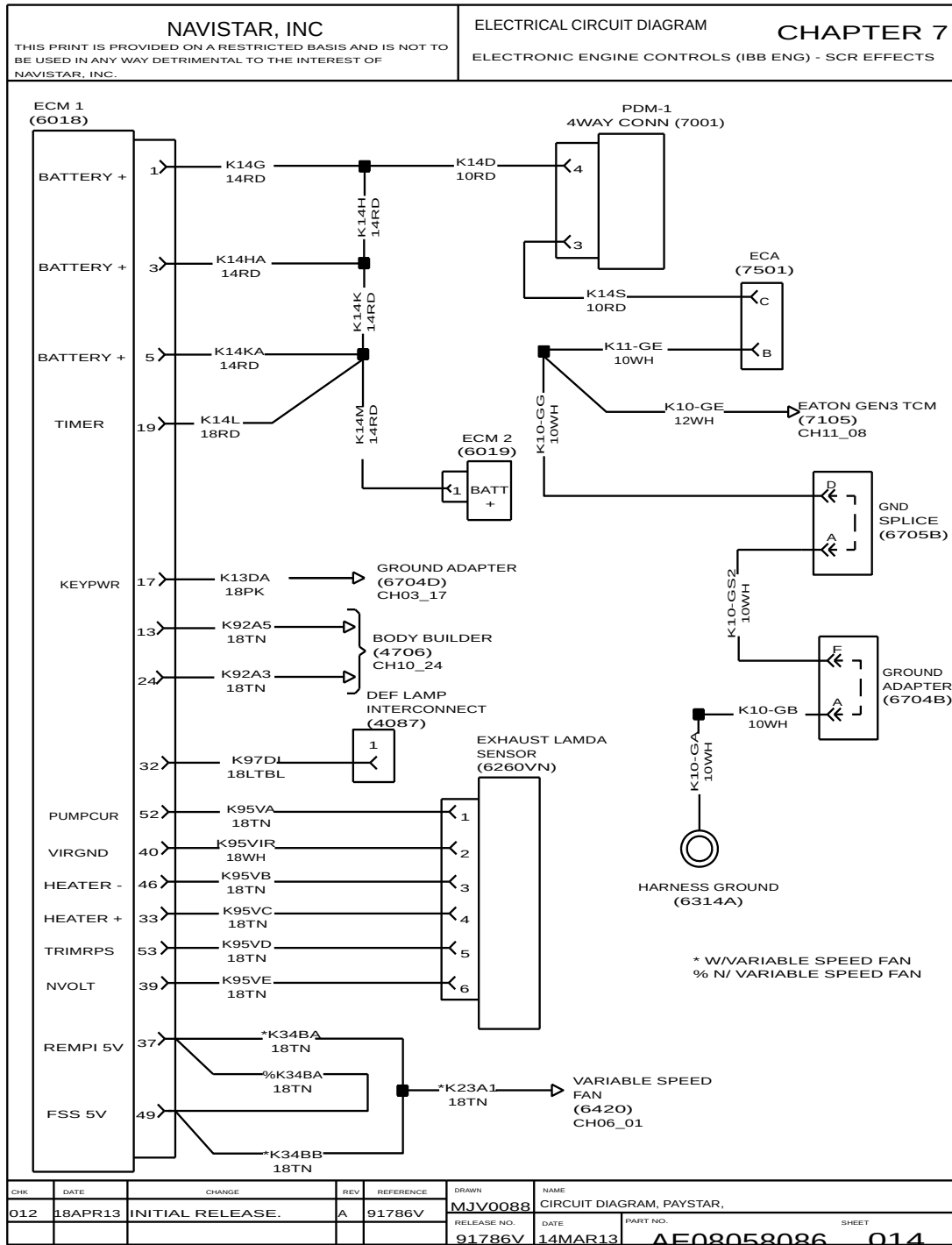


Figure 92 Electronic Engine Controls (IBB Engine) – SCR Effects

7.20. ELECTRONIC ENGINE CONTROLS (IBB ENGINE) – SCR EFFECTS (CONT.), P. 15

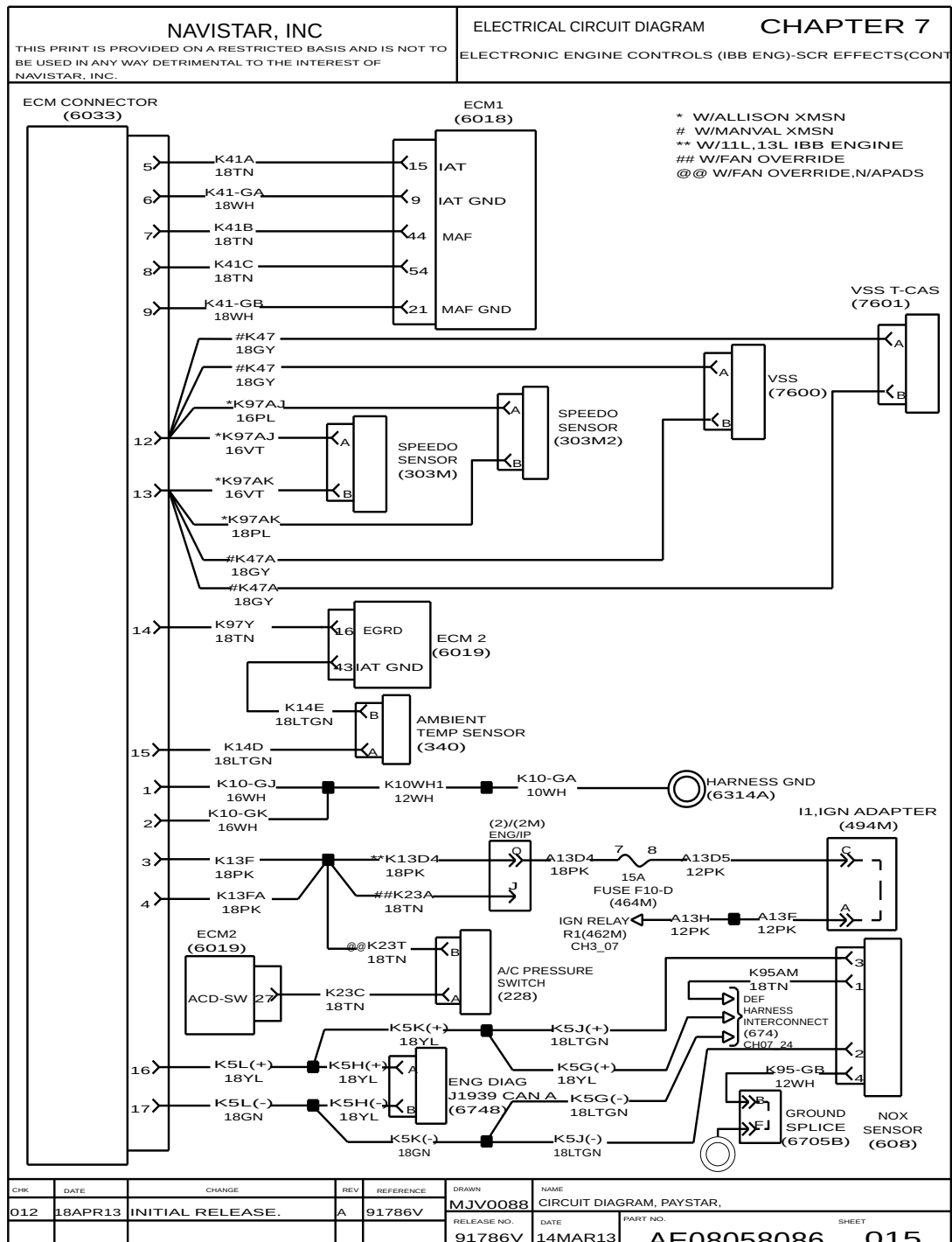


Figure 93 Electronic Engine Controls (IBB Engine) – SCR Effects (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

7.21. ELECTRONIC ENGINE CONTROLS (IBB ENGINE) – SCR EFFECTS (CONT.), P. 16

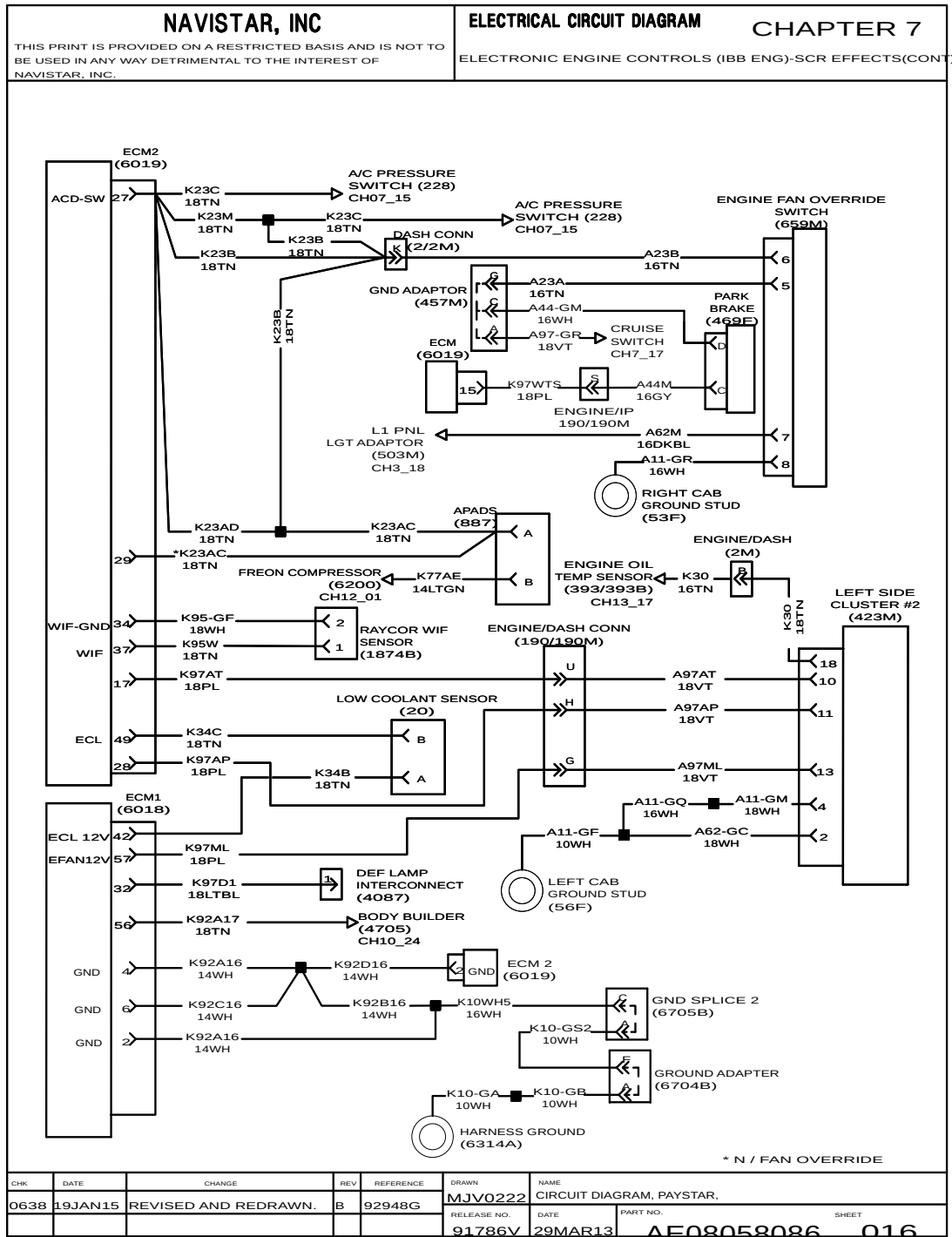


Figure 94 Electronic Engine Controls (IBB Engine) – SCR Effects (Cont.)

7.22. ELECTRONIC ENGINE CONTROLS (IBB ENGINE) – SCR EFFECTS (CONT.), P. 17

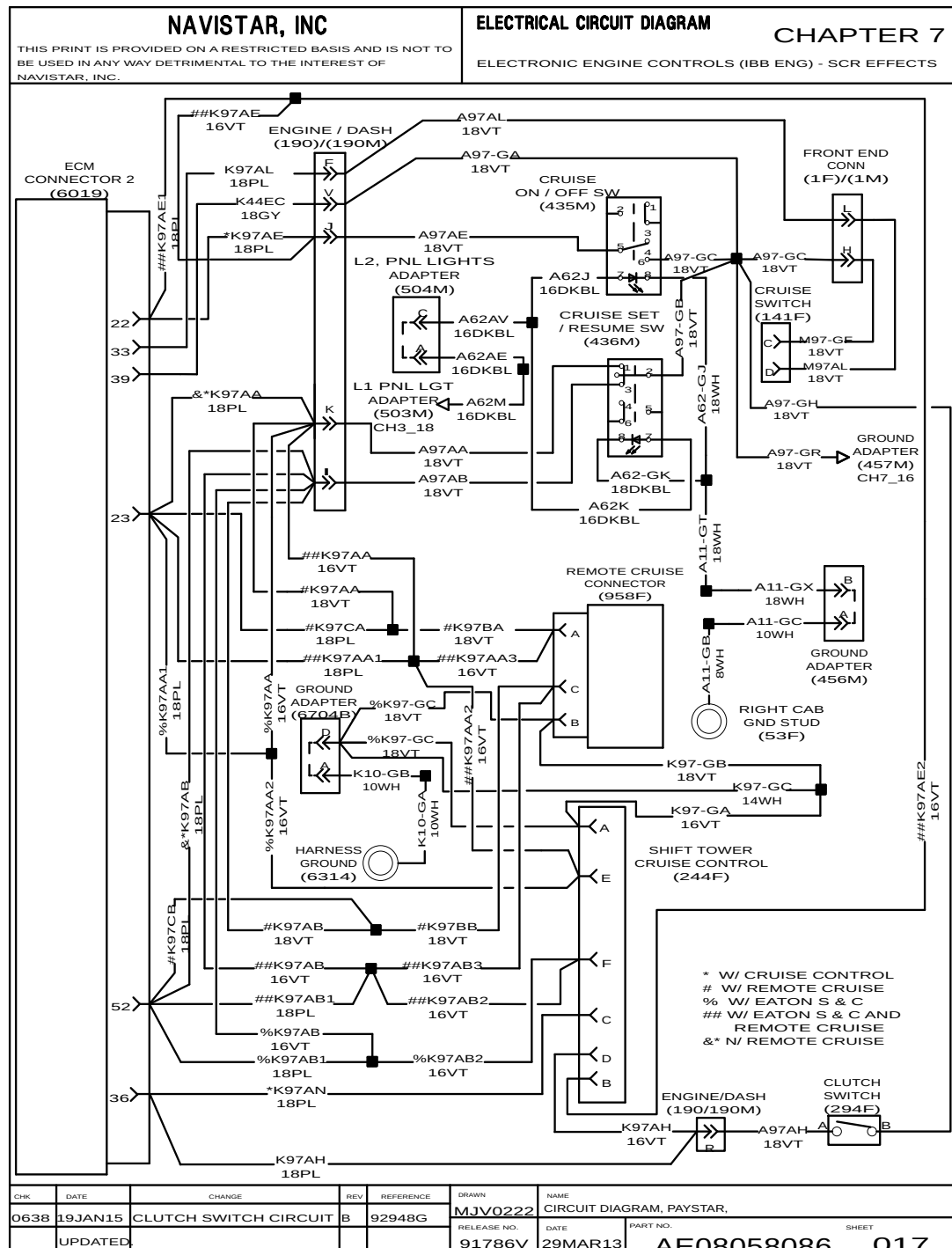


Figure 95 Electronic Engine Controls (IBB Engine) – SCR Effects (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

7.23. 11L / 13L IBB ENG CRUISE CONTROL – SCR EFFECTS, P. 18

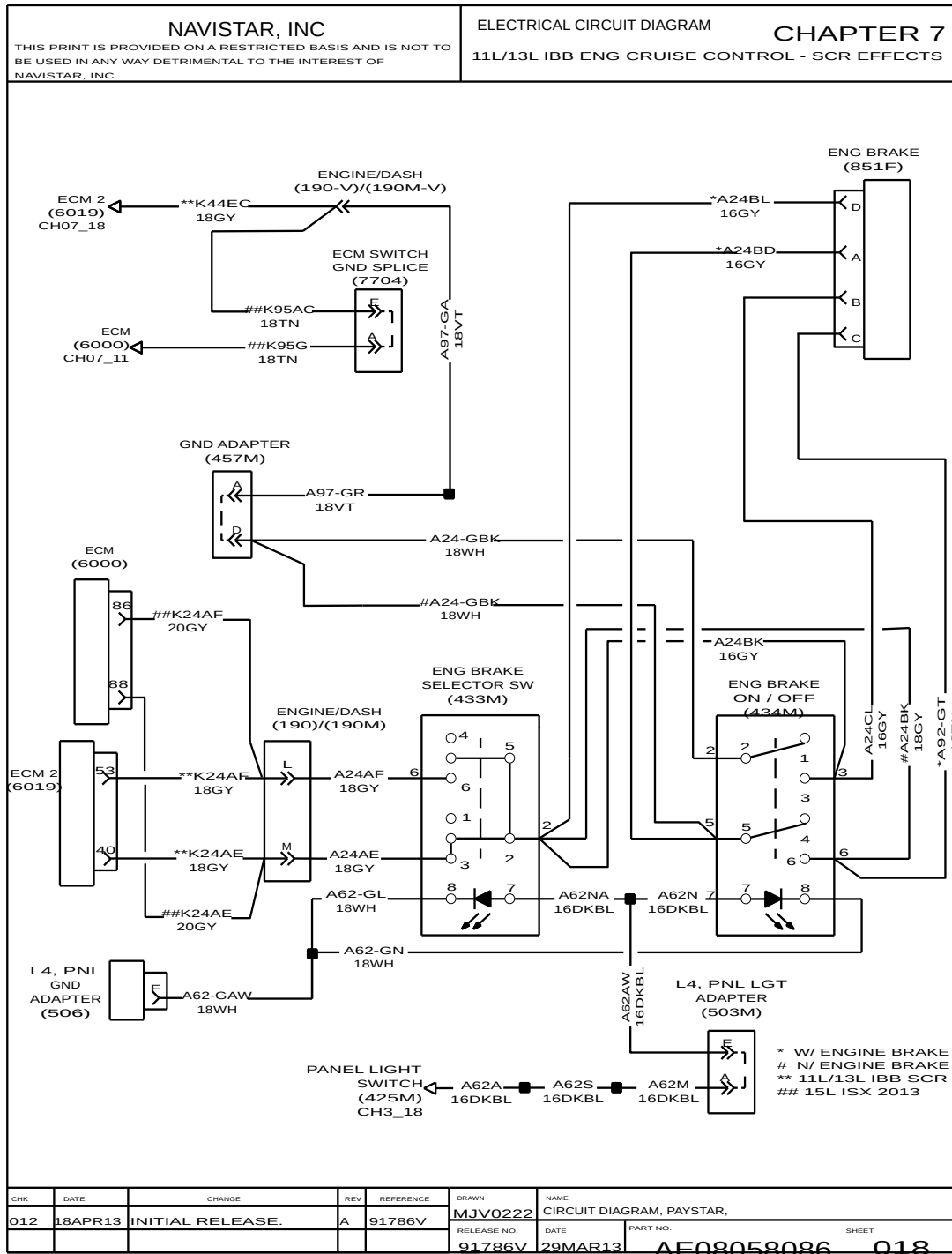


Figure 96 11L / 13L IBB Eng Cruise Control – SCR Effects

7.24. ISX 2013 DEF & AFTERTREATMENT (15L), P. 19

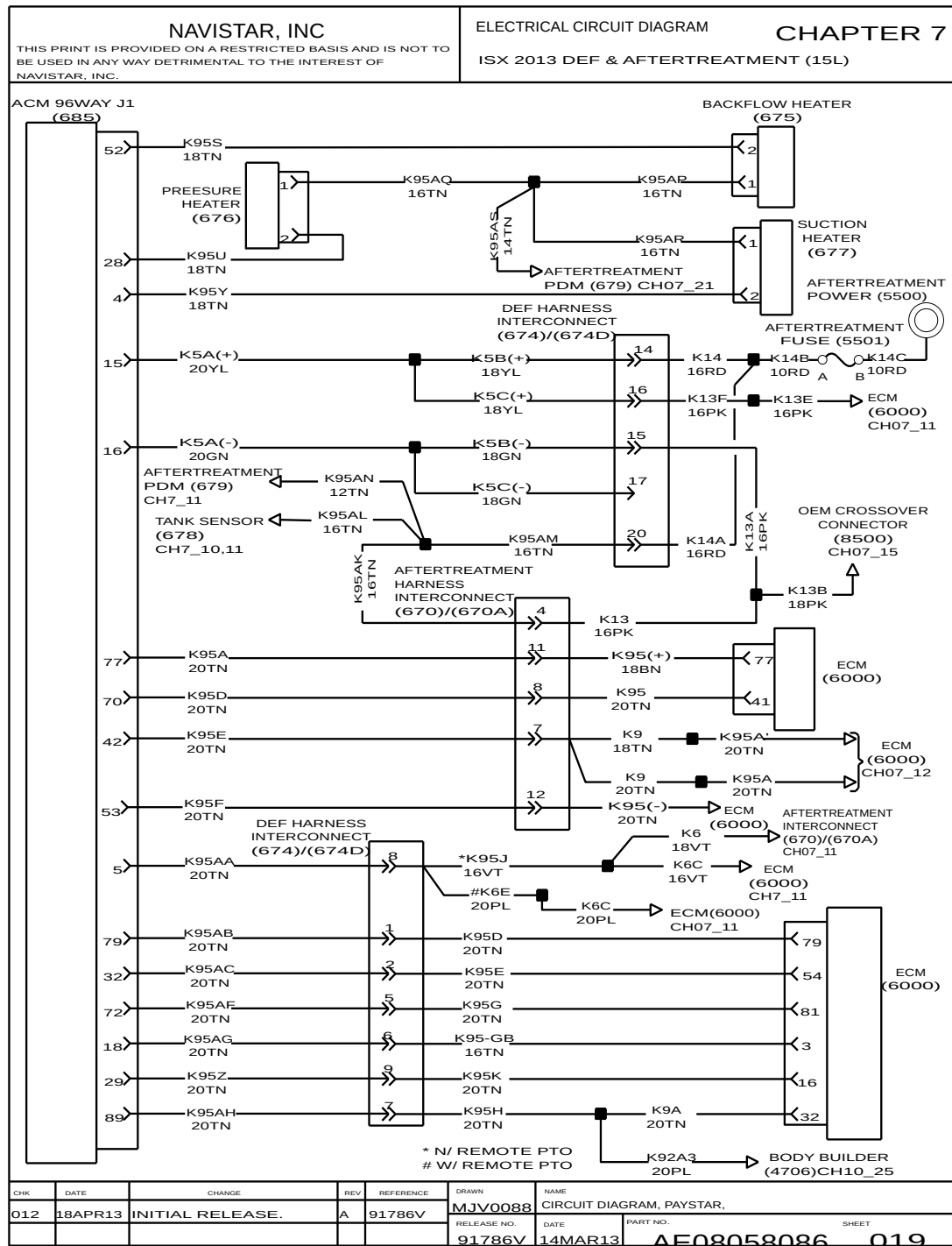


Figure 97 ISX 2013 DEF & Aftertreatment (15L)

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7.25. ISX 2013 DEF & AFTERTREATMENT (15L) (CONT.), P. 20

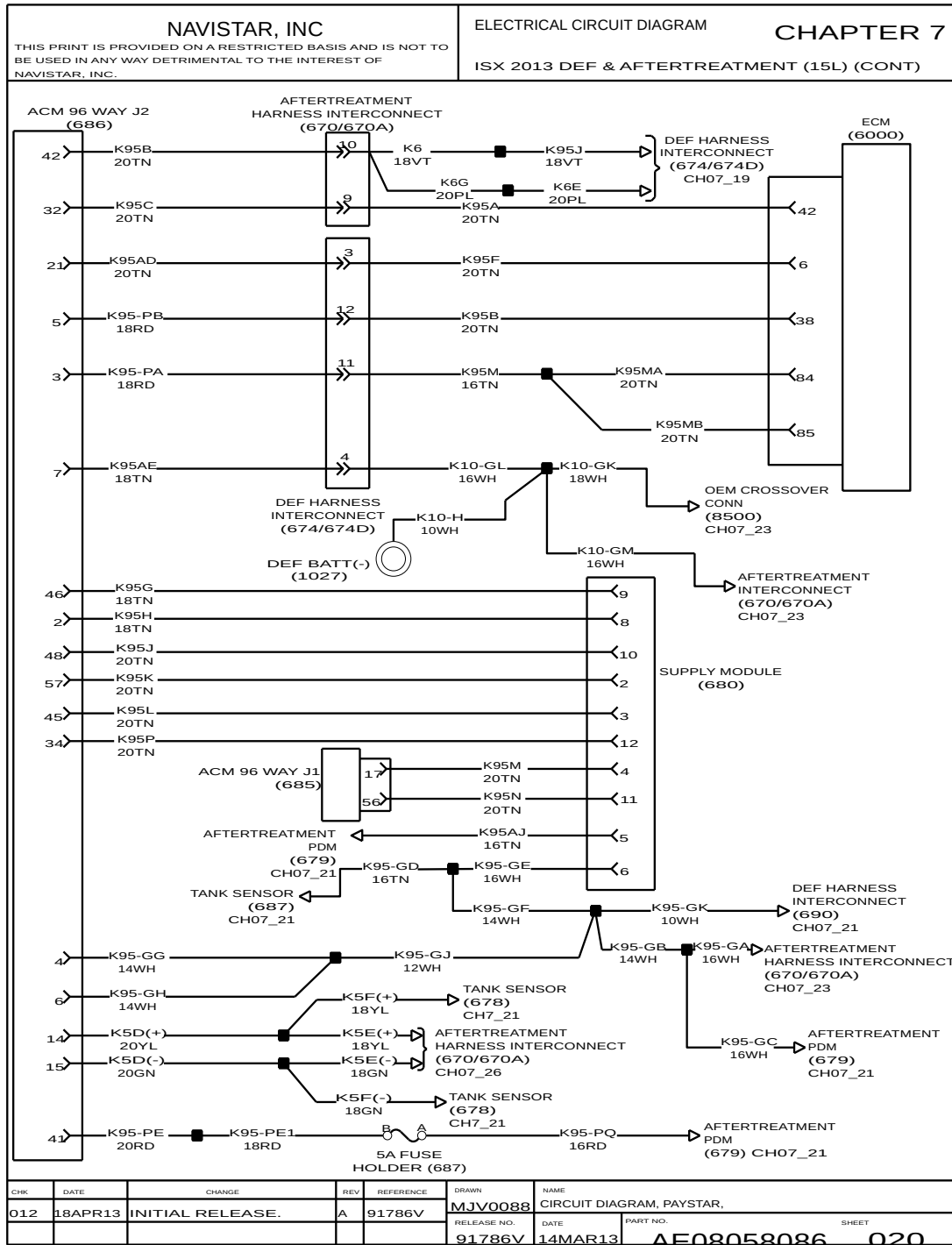


Figure 98 ISX 2013 DEF & Aftertreatment (15L) (Cont.)

7.26. ISX 2013 DEF & AFTERTREATMENT (15L) (CONT.), P. 21

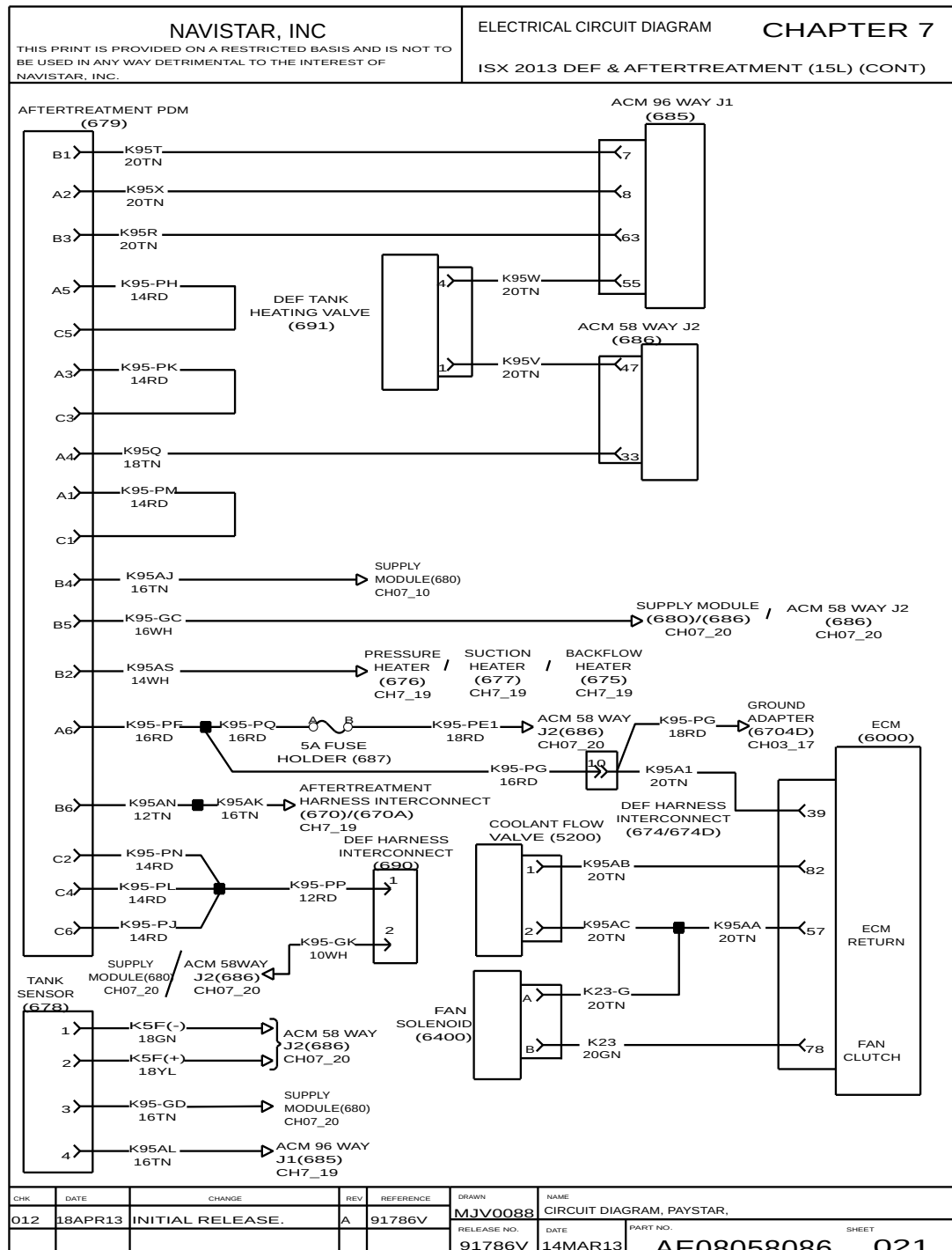


Figure 99 ISX 2013 DEF & Aftertreatment (15L) (Cont.)

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7.27. ISX 2013 DEF & AFTERTREATMENT (15L) (CONT.), P. 22

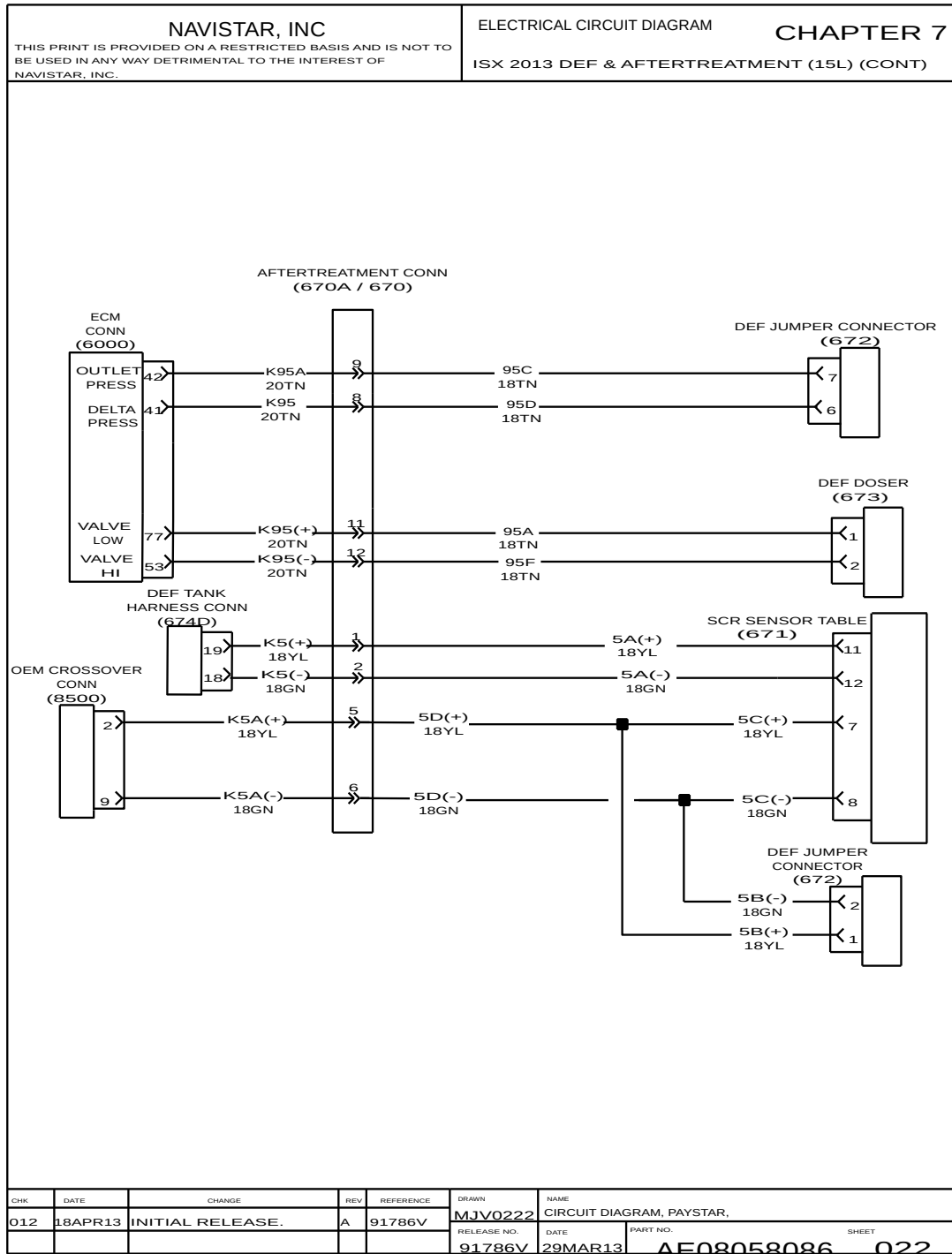


Figure 100 ISX 2013 DEF & Aftertreatment (15L) (Cont.)

7.28. ISX 2013 DEF & AFTERTREATMENT (15L) (CONT.), P. 23

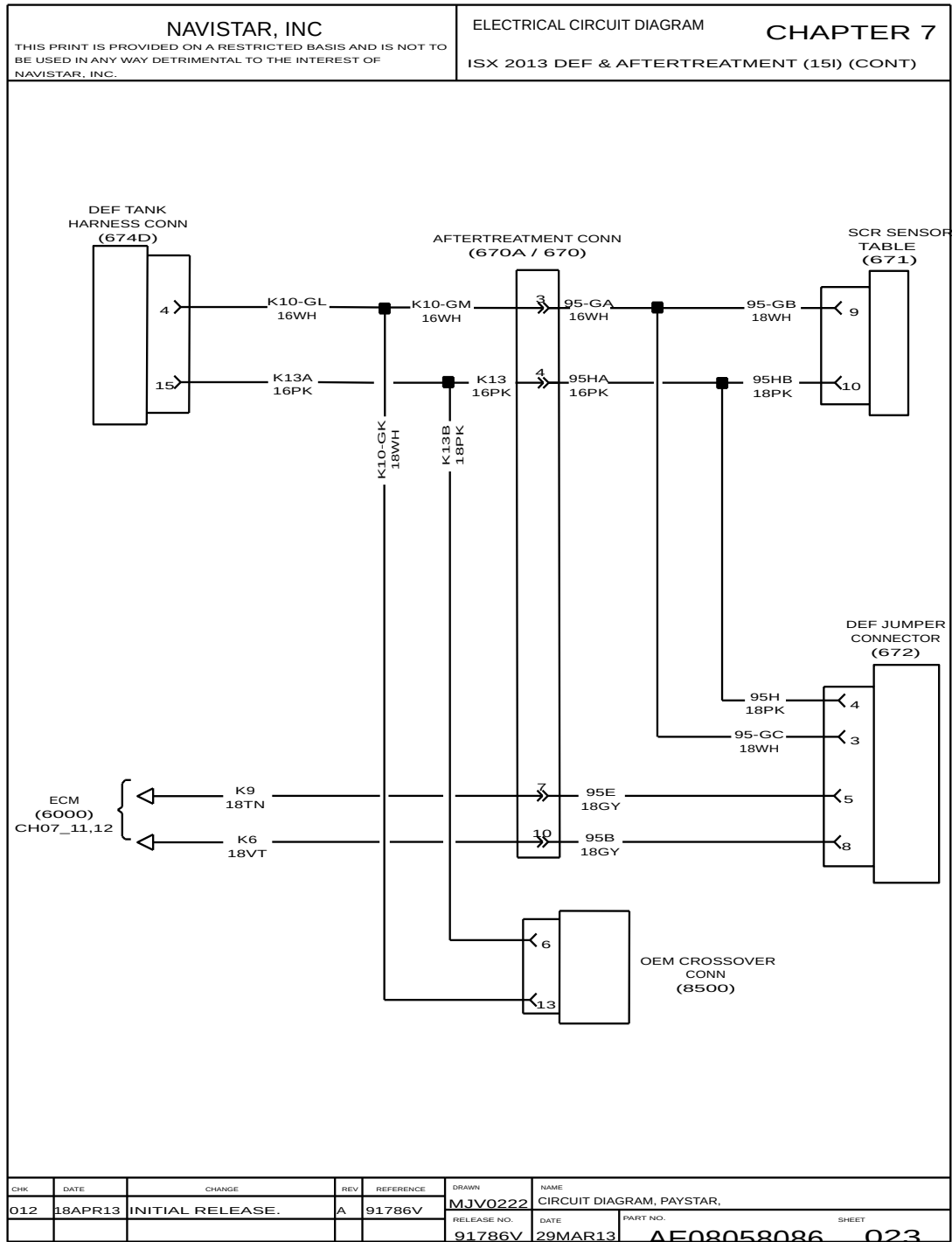


Figure 101 ISX 2013 DEF & Aftertreatment (15L) (Cont.)

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7.29. DEF & AFTERTREATMENT (IBB SCR ENG), P. 24

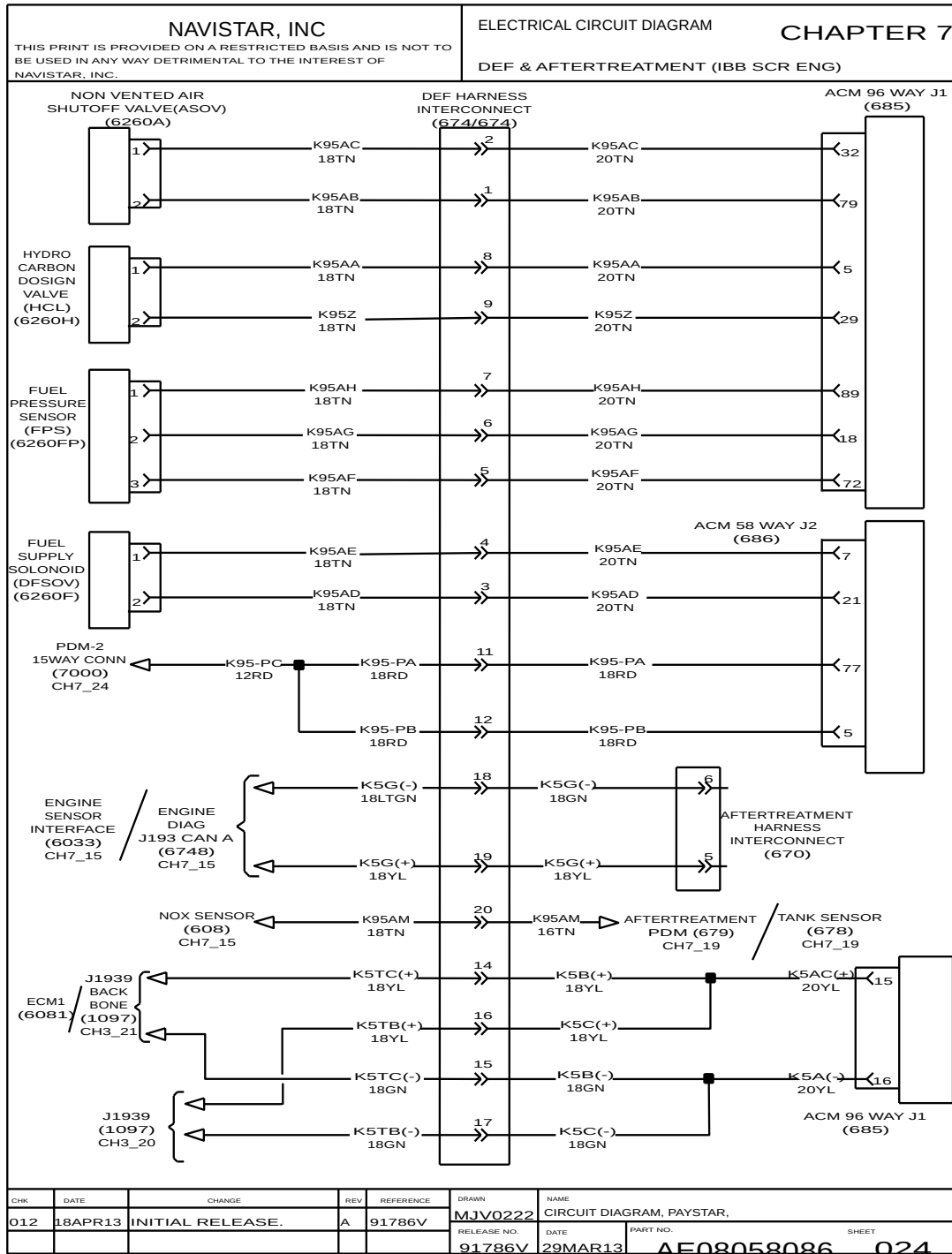


Figure 102 DEF & Aftertreatment (IBB SCR ENG)

7.30. DEF & AFTERTREATMENT (IBB SCR ENG) (CONT.), P. 25

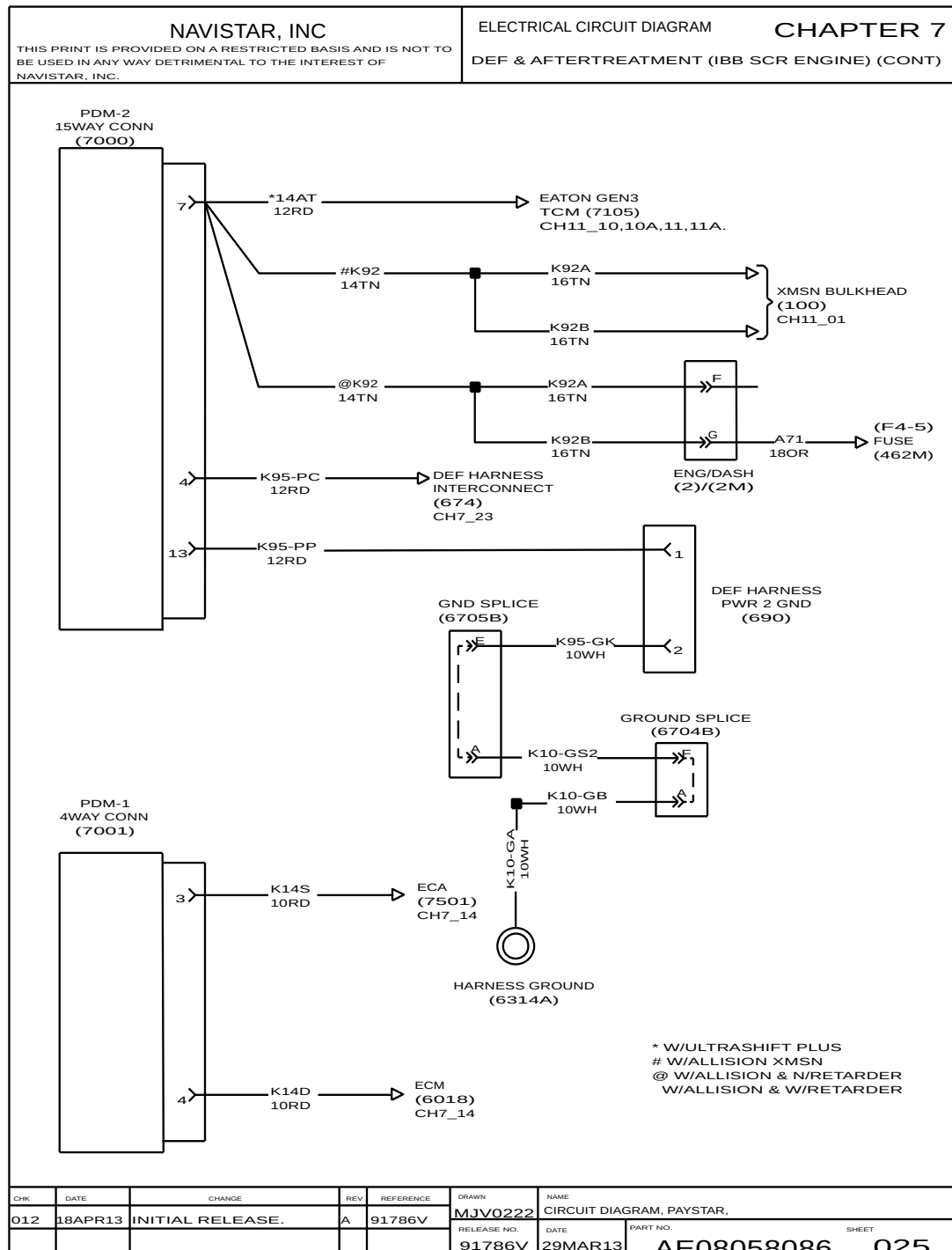


Figure 103 DEF & Aftertreatment (IBB SCR ENG) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

7.31. 15L ISX & IBB SCR ENG THROTTLE POSITION, P. 26

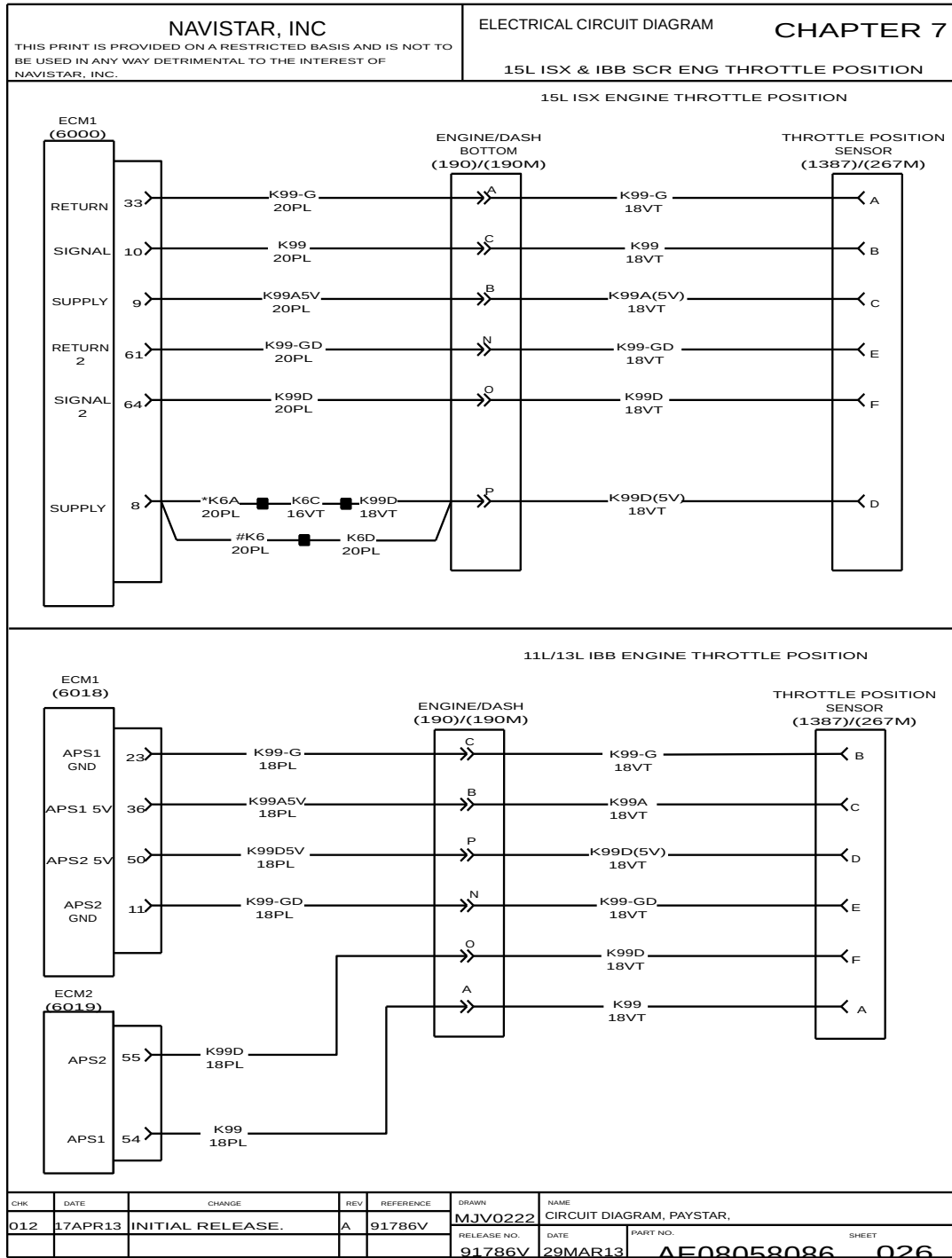


Figure 104 15L ISX & IBB SCR ENG Throttle Position

7.32. DEF & AFTERTREATMENT (SCR ENGINE), P. 27

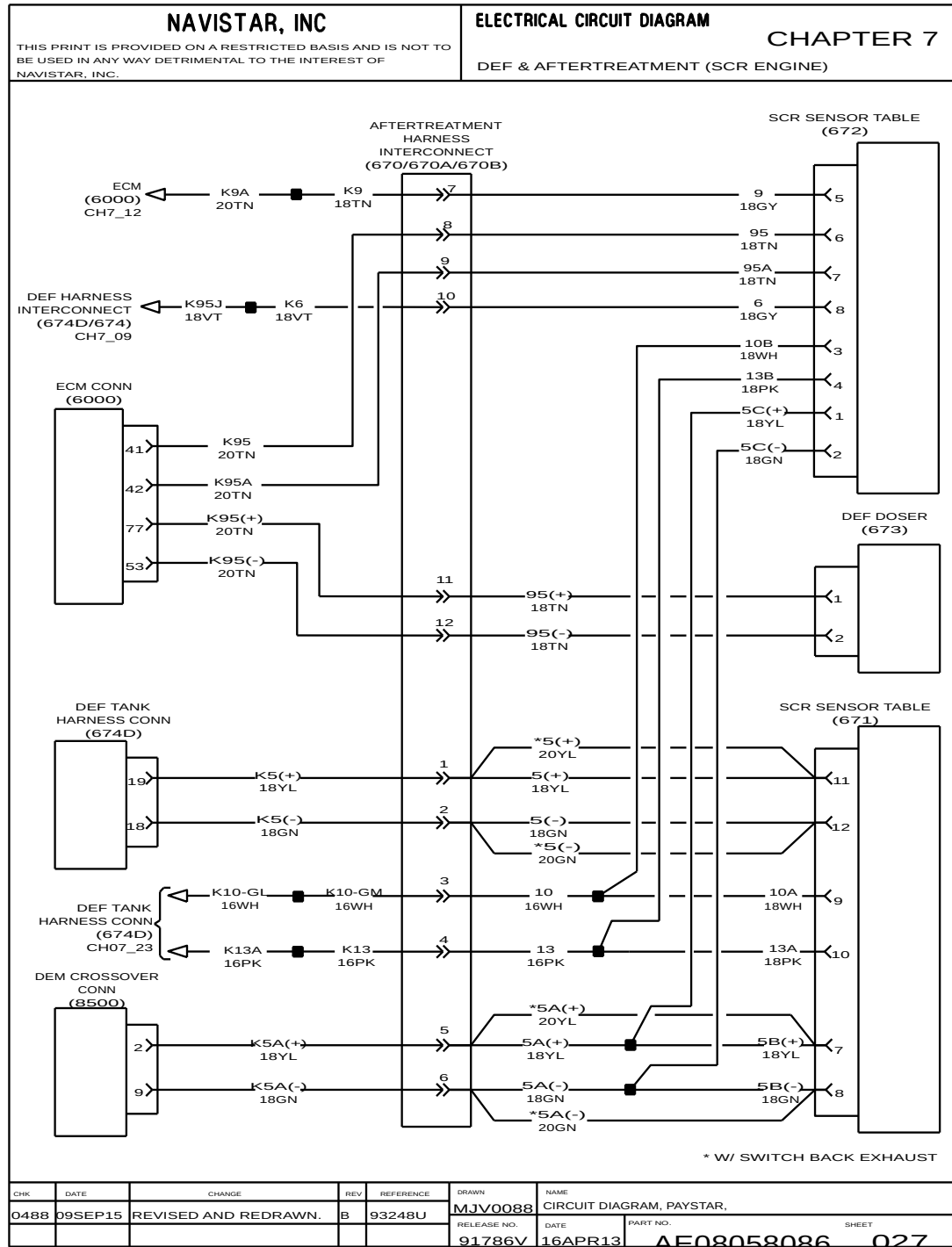


Figure 105 DEF & Aftertreatment (SCR Engine)

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7.33. DEF & AFTERTREATMENT (SCR ENGINE) (CONT.), P. 27A

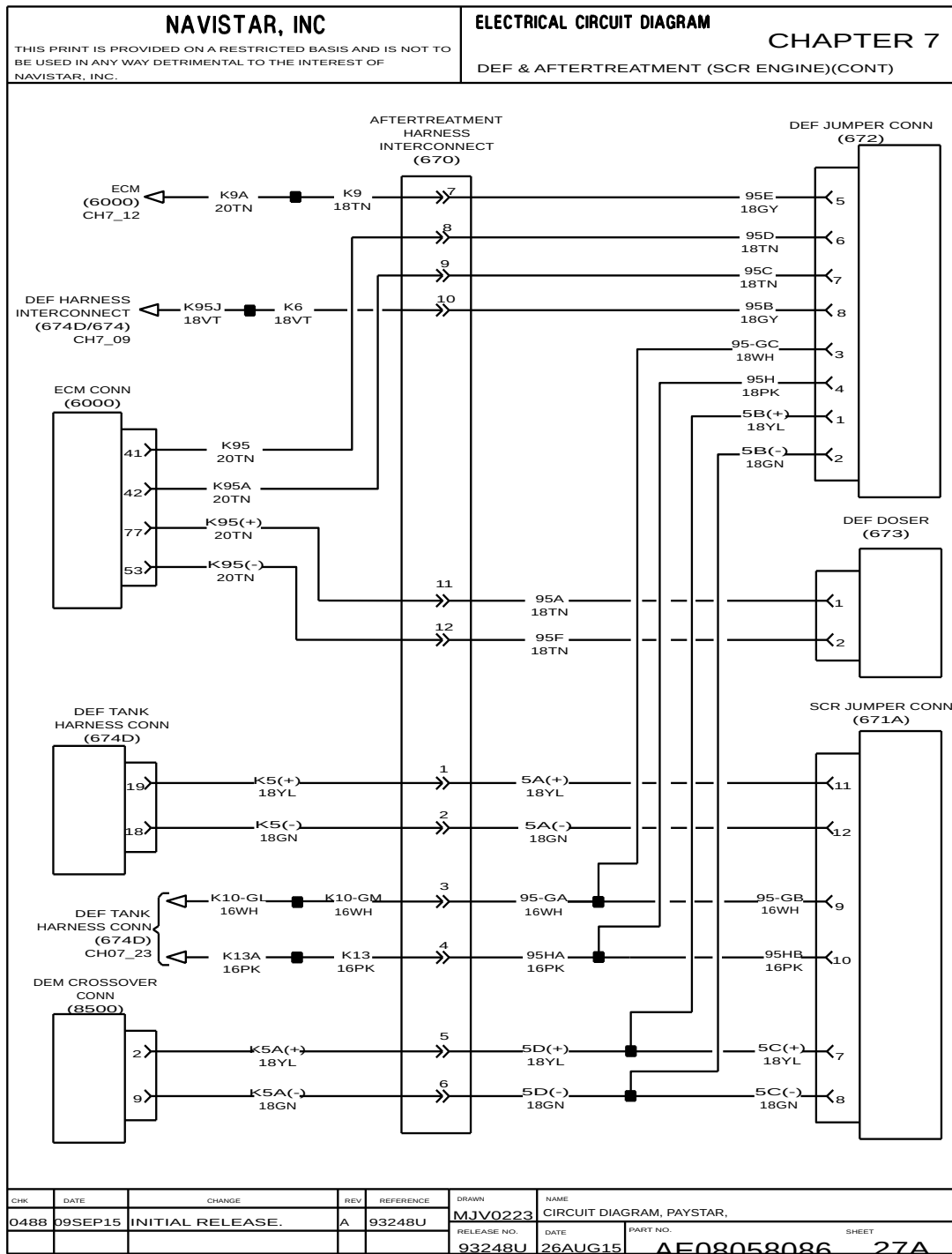


Figure 106 DEF & Aftertreatment (SCR Engine) (Cont.)

7.34. DEF & AFTERTREATMENT (SCR ENGINE) (CONT.), P. 28

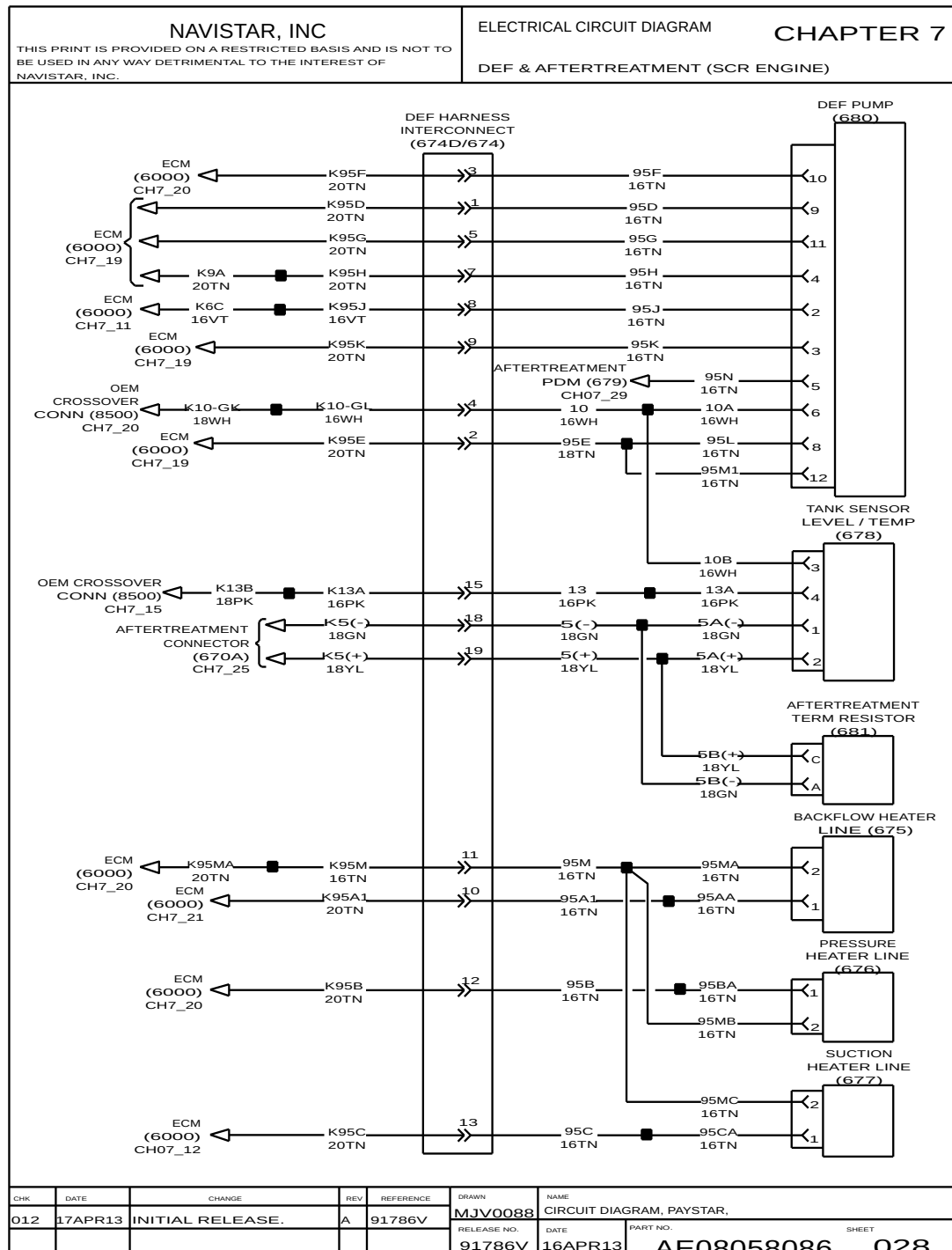


Figure 107 DEF & Aftertreatment (SCR Engine) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

7.35. DEF & AFTERTREATMENT (SCR ENGINE) (CONT.), P. 29

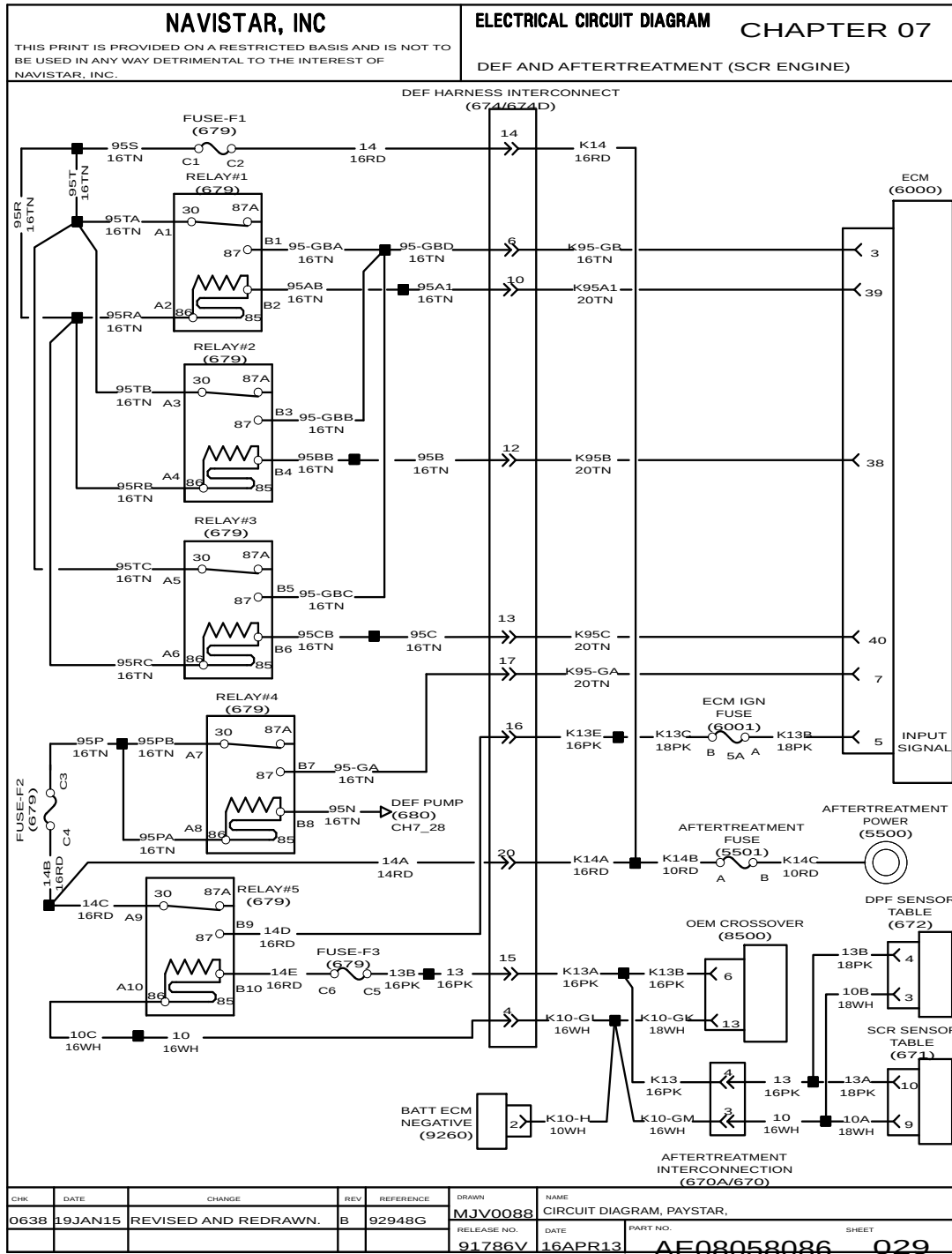


Figure 108 DEF & Aftertreatment (SCR Engine) (Cont.)

GAUGES AND WARNING LIGHTS (CHAPTER 8)

8.1. LOW FUEL LEVEL WARNING, LOW AIR PRESSURE WARNING LIGHTS, P. 1

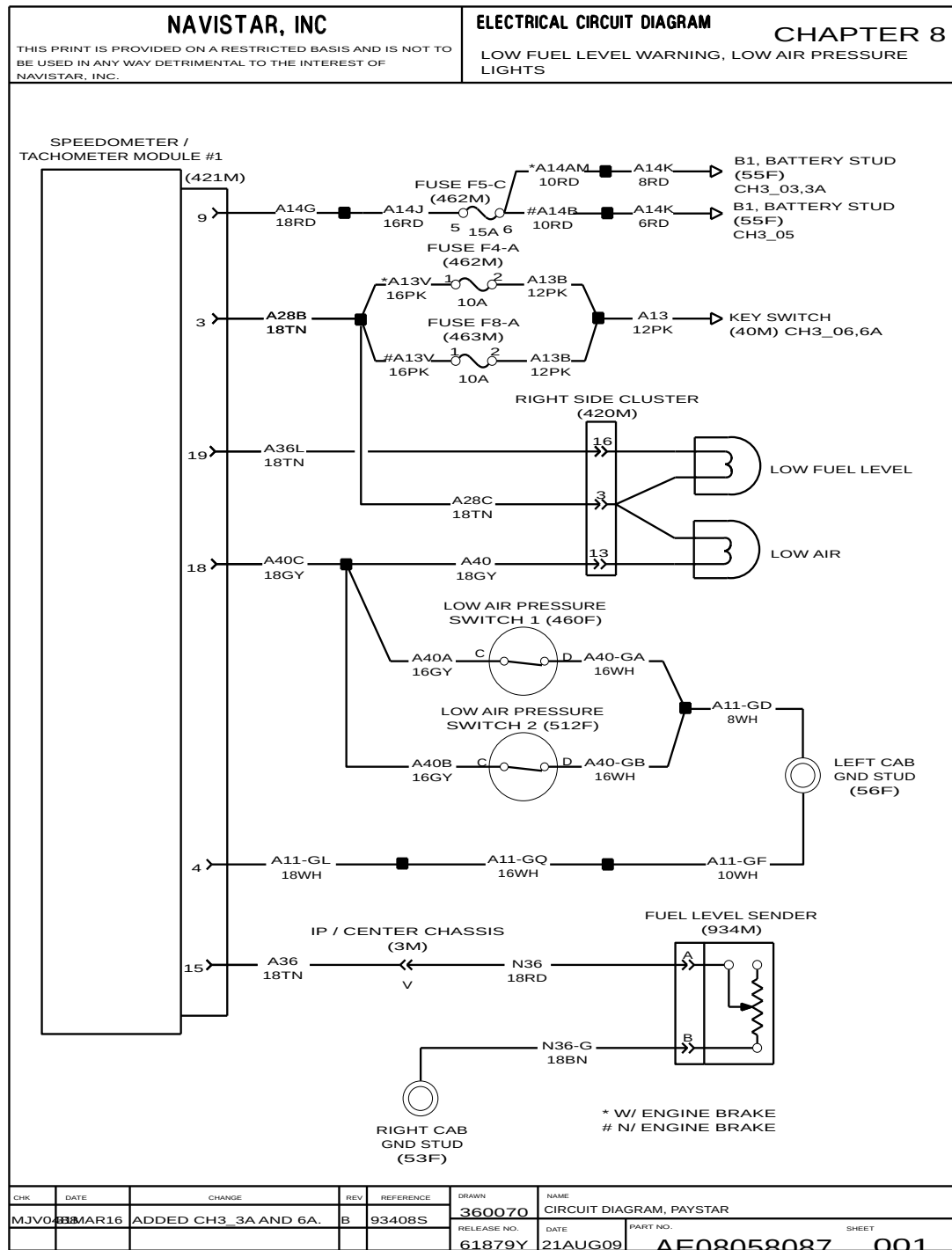


Figure 109 Low Fuel Level Warning, Low Air Pressure Warning Lights

ELECTRICAL CIRCUIT DIAGRAM MANUAL

8.2. ENGINE OIL PRESSURE, ENGINE WATER TEMPERATURE WARNING LIGHTS, ENGINE AMBIENT AIR TEMP, P. 2

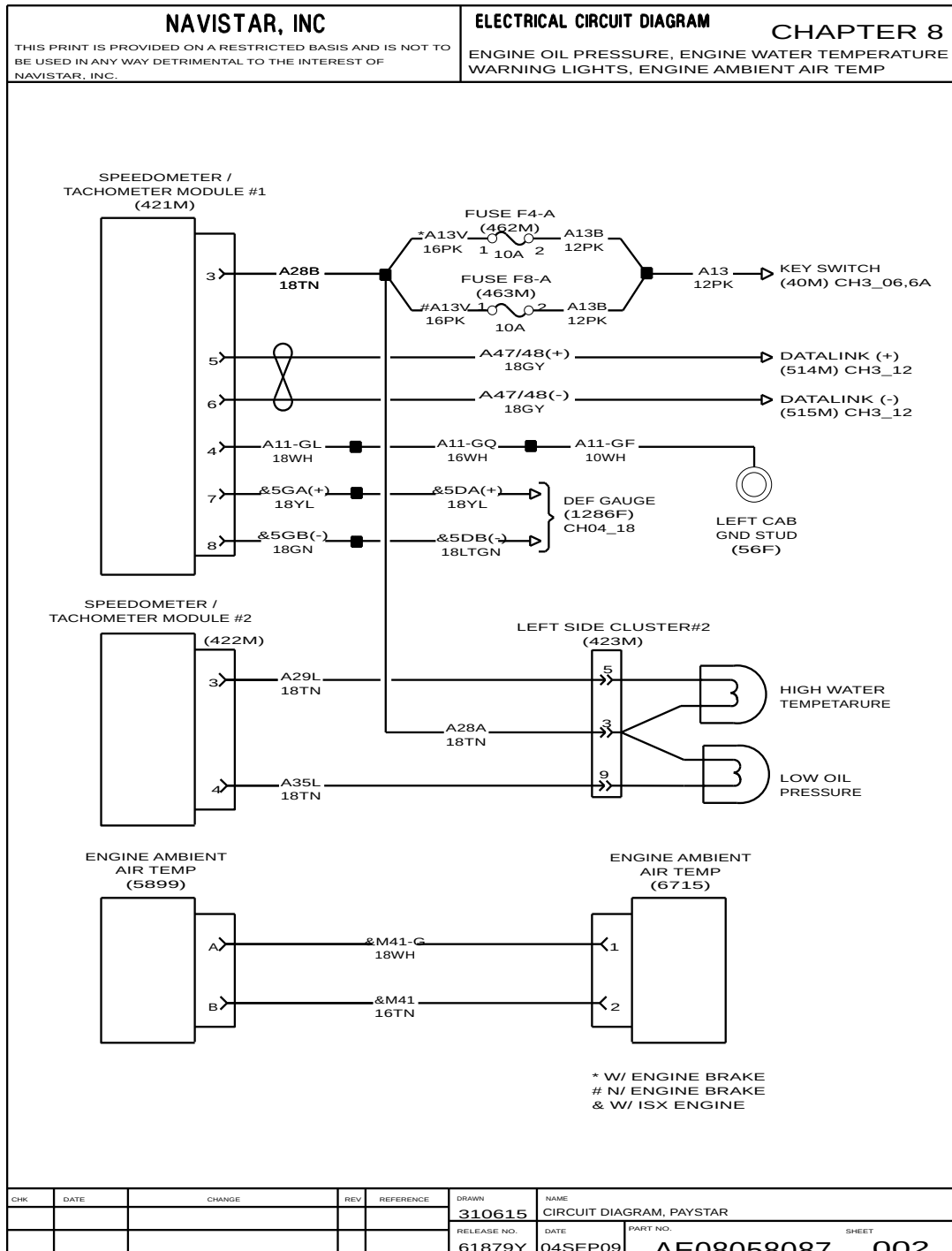


Figure 110 Engine Oil Pressure, Engine Water Temperature Warning Lights, Engine Ambient Air Temp

8.3. POWER DIVIDER LOCK (PDL) WARNING LIGHT AND BUZZER, IBB WAIT TO START LIGHT, P. 3

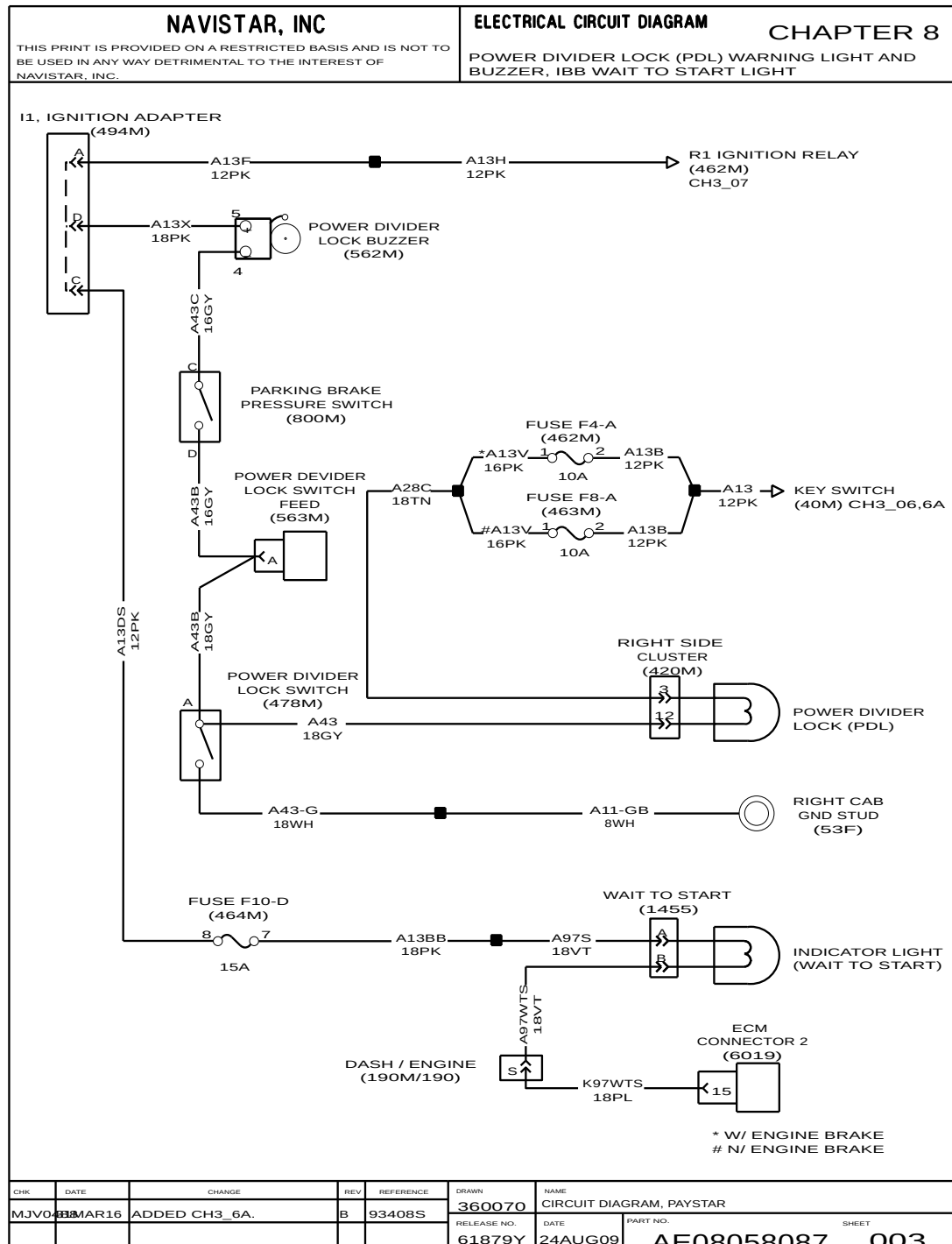


Figure 111 Power Divider Lock (PDL) Warning Light and Buzzer, IBB Wait to Start Light

ELECTRICAL CIRCUIT DIAGRAM MANUAL

8.4. AIR SUSPENSION RELEASE WARNING LIGHT, P. 4

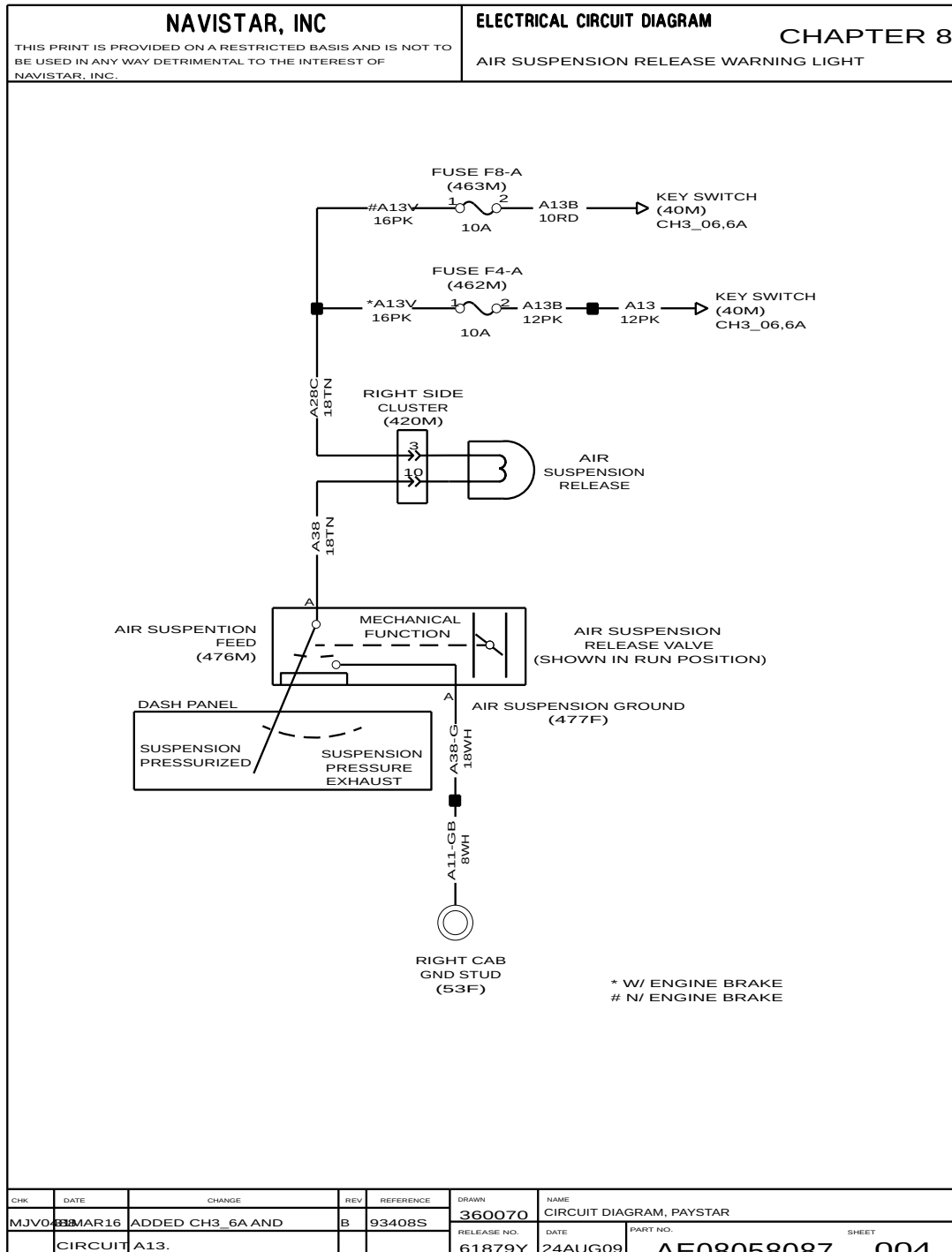


Figure 112 Air Suspension Release Warning Light

8.5. TRANSMISSION OIL TEMPERATURE GAUGE, AXLE FORWARD-REAR AND REAR-REAR TEMPERATURE GAUGE, P. 5

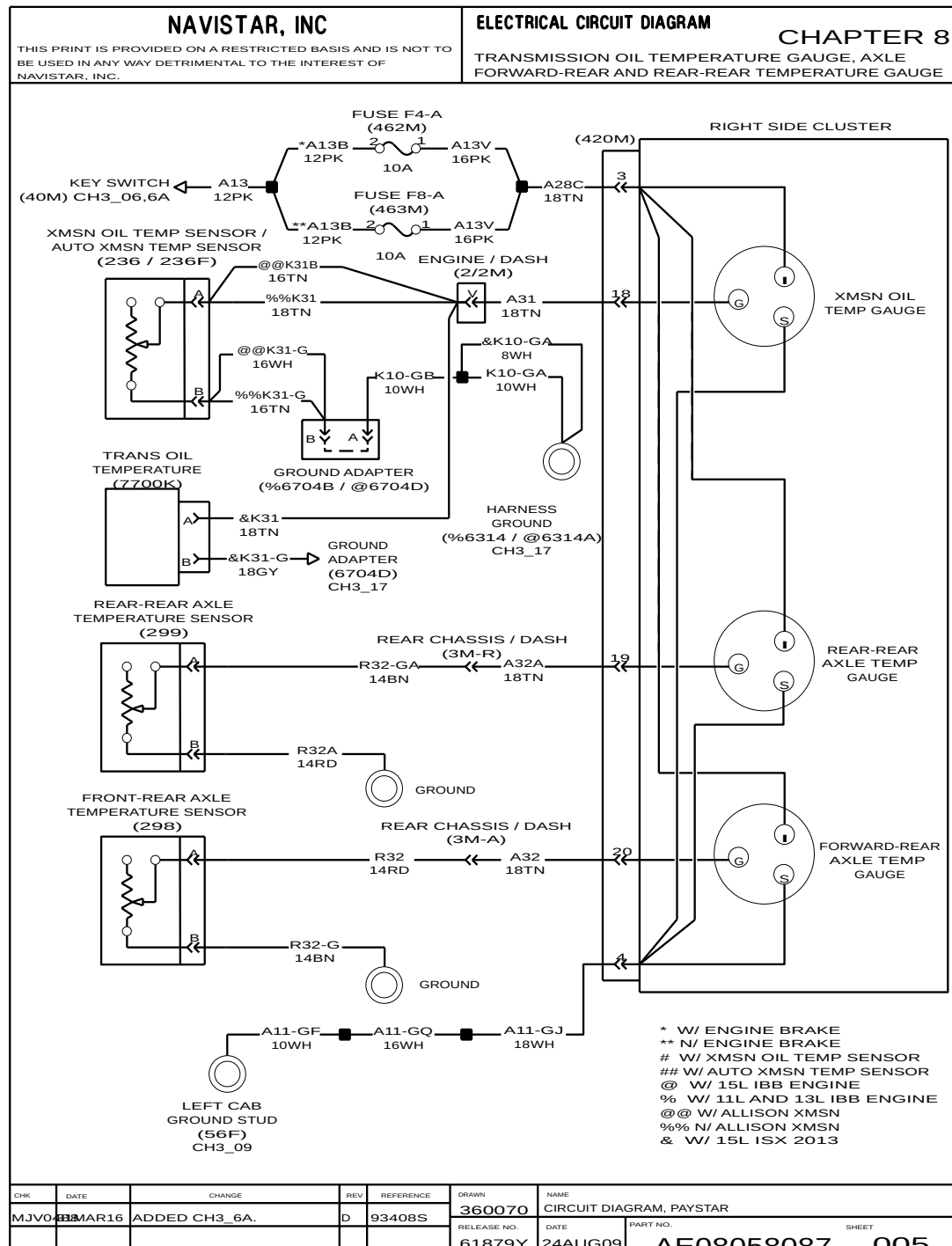


Figure 113 Transmission Oil Temperature Gauge, Axle Forward-Rear and Rear-Rear Temperature Gauge

ELECTRICAL CIRCUIT DIAGRAM MANUAL

8.6. MANIFOLD PRESSURE GAUGE, P. 6

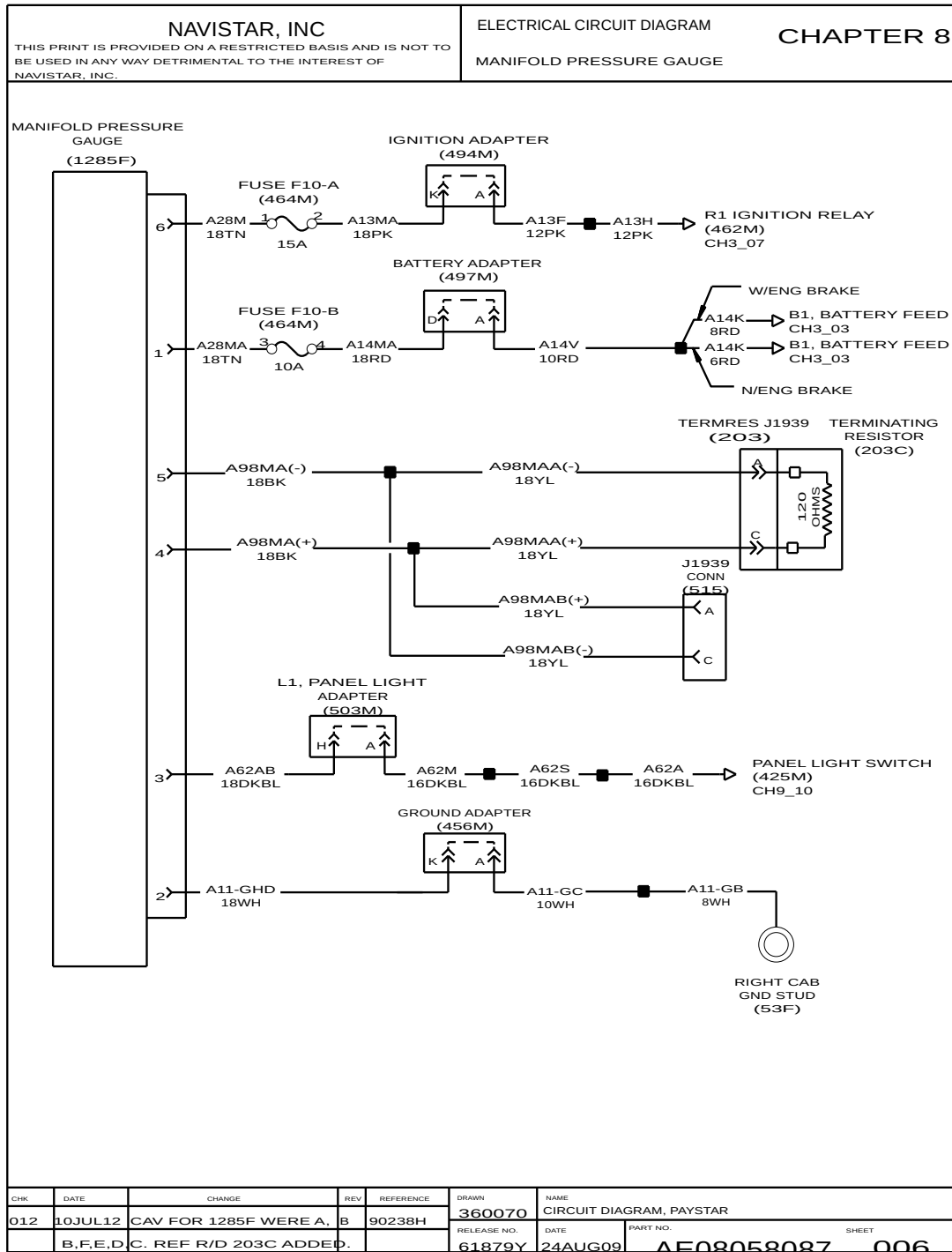


Figure 114 Manifold Pressure Gauge

8.7. PYROMETER GAUGE, P. 7

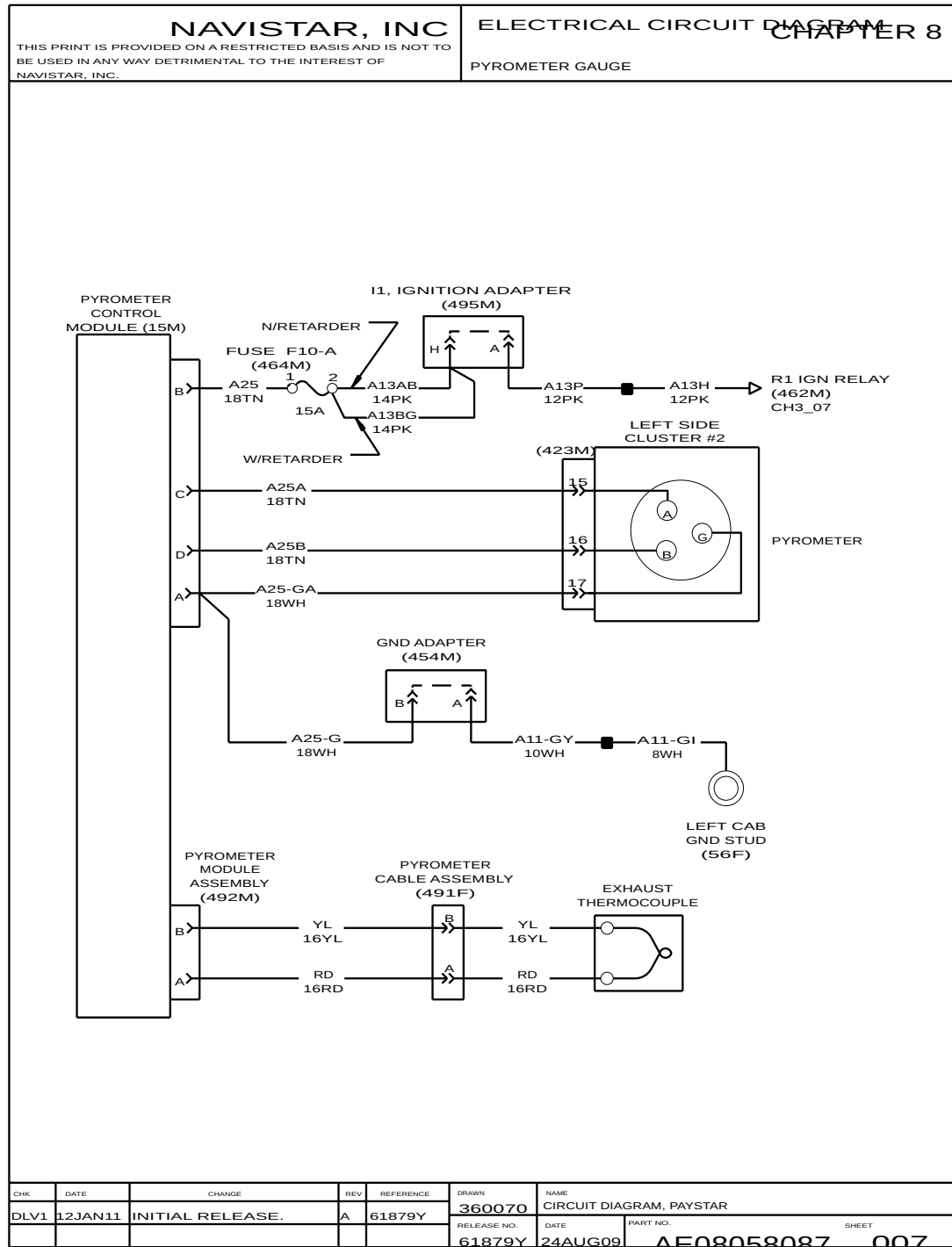


Figure 115 Pyrometer Gauge

ELECTRICAL CIRCUIT DIAGRAM MANUAL

8.8. VOLTMETER AND FUEL LEVEL GAUGE, P. 8

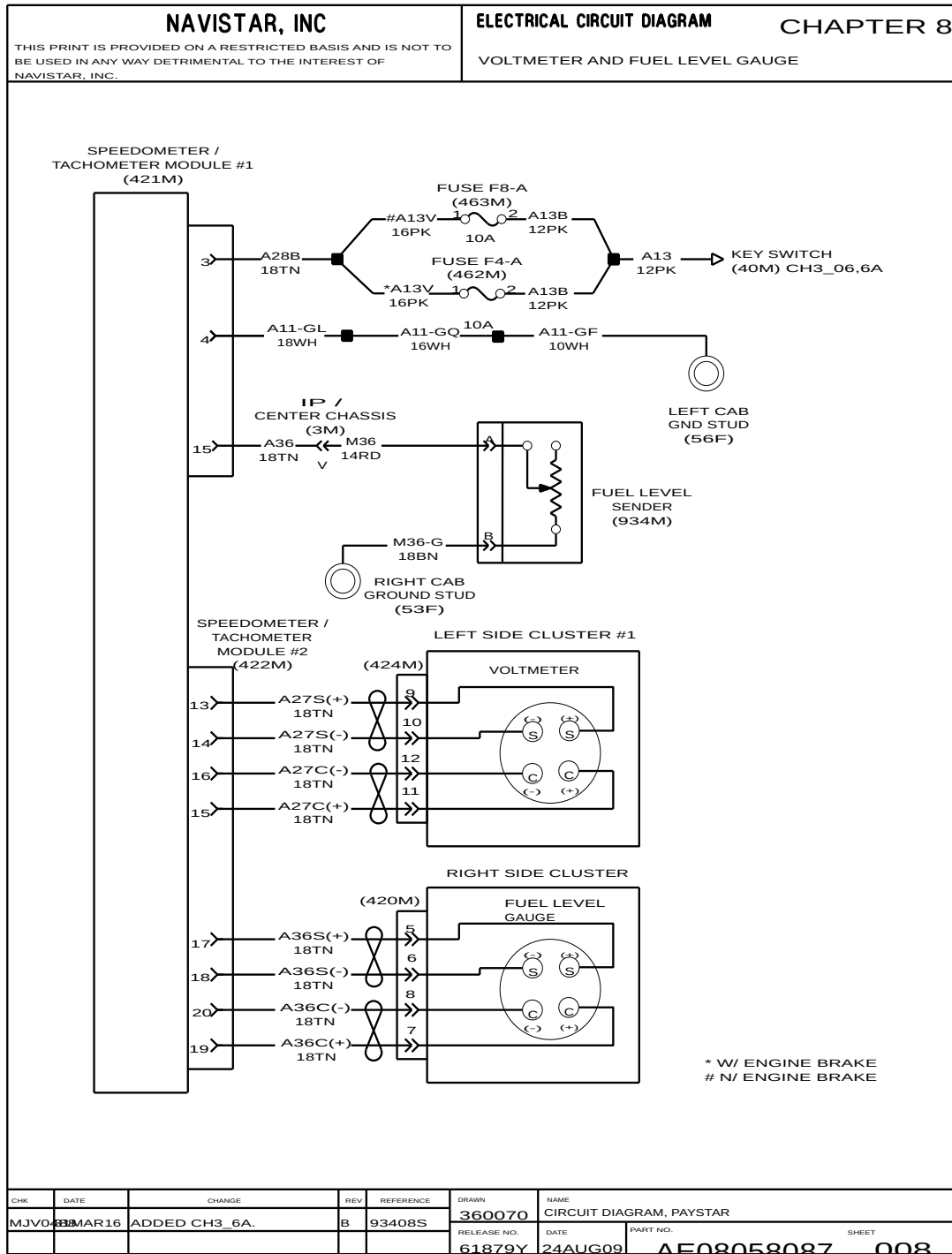


Figure 116 Voltmeter and Fuel Level Gauge

8.9. ENGINE WATER TEMPERATURE, ENGINE OIL PRESSURE, SPEEDOMETER AND TACHOMETER GAUGE, P. 9

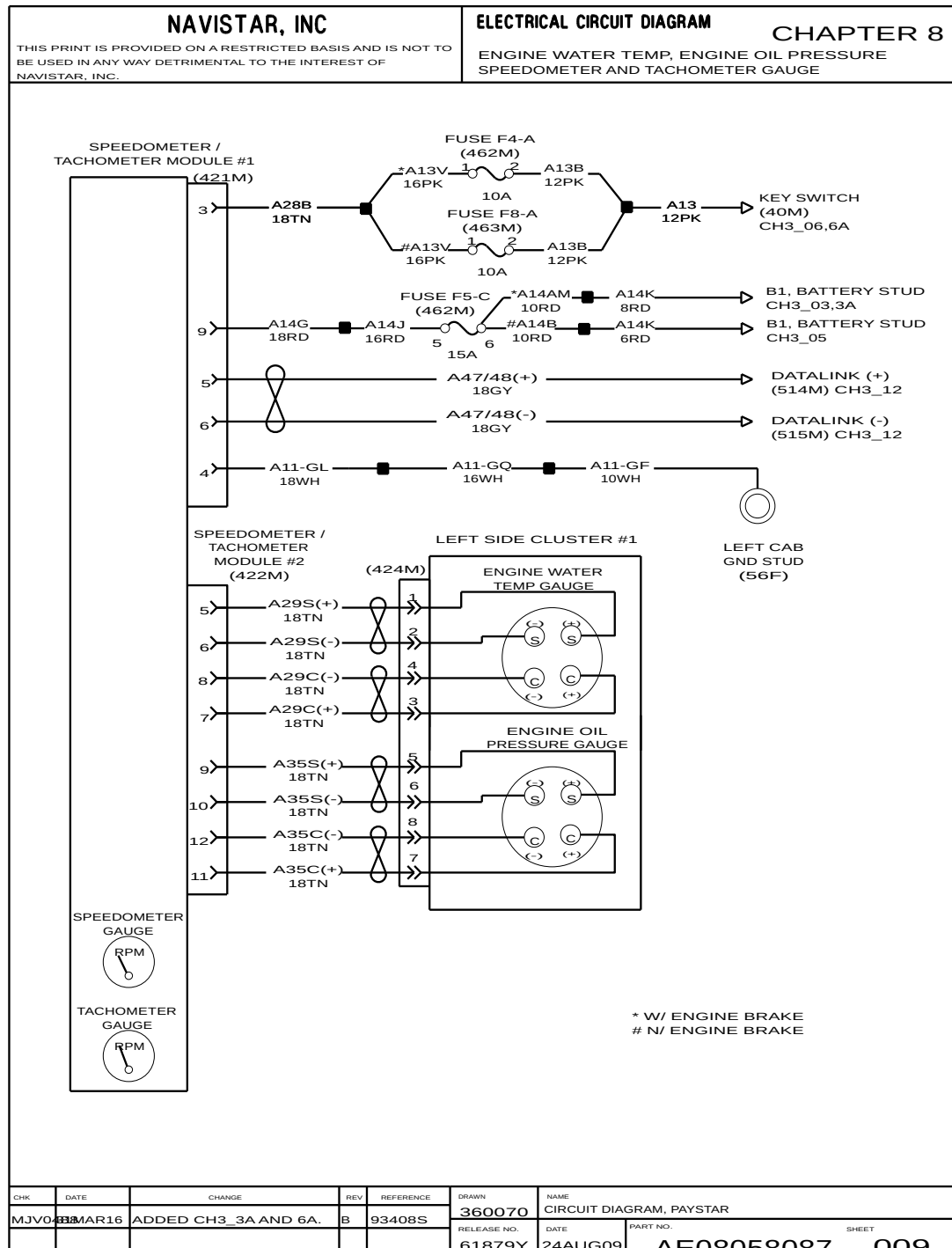


Figure 117 Engine Water Temperature, Engine Oil Pressure, Speedometer and Tachometer Gauge

ELECTRICAL CIRCUIT DIAGRAM MANUAL

8.10. ETHER START, P. 10

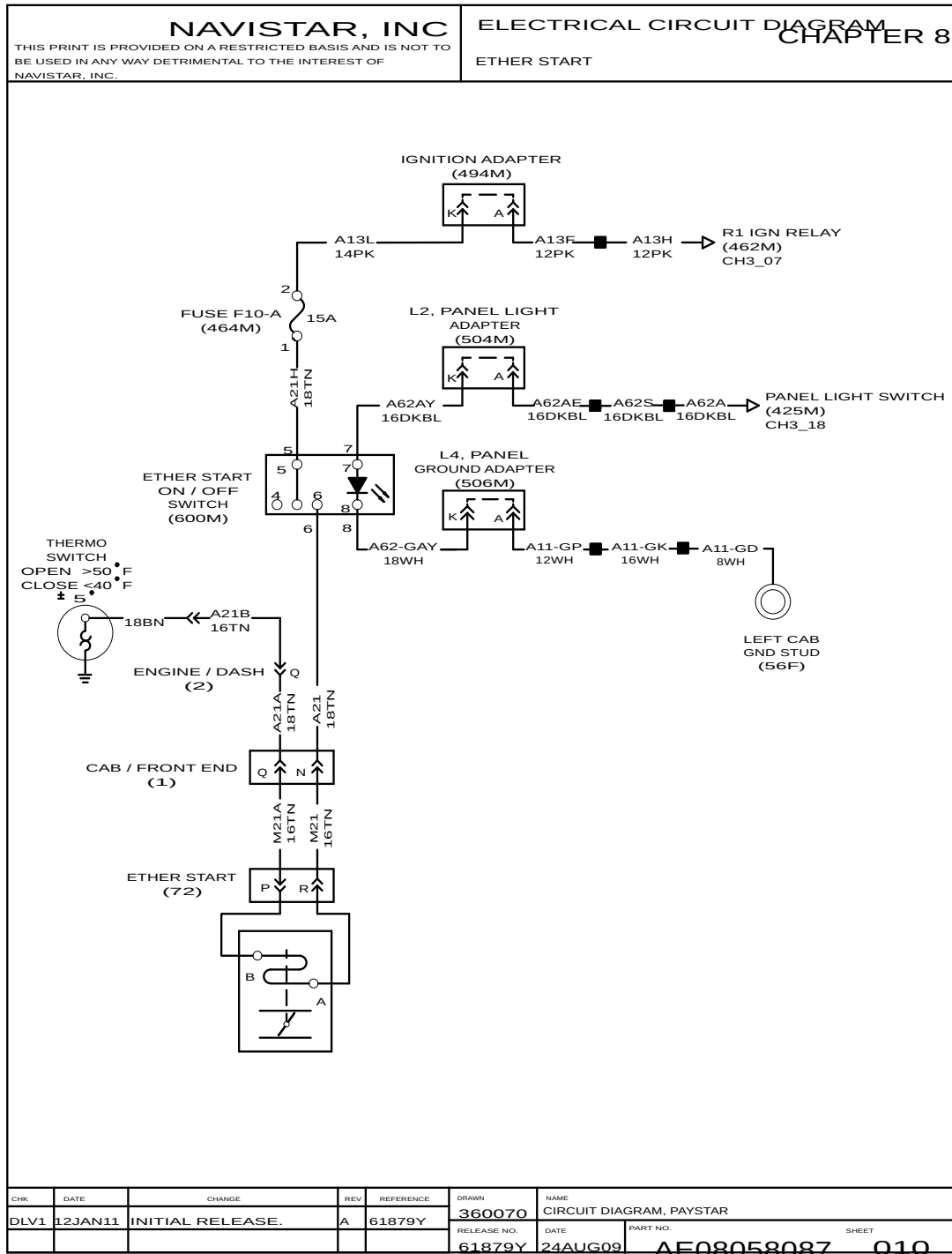


Figure 118 Ether Start

8.11. RED STOP LAMP BUZZER SYSTEM, P. 11

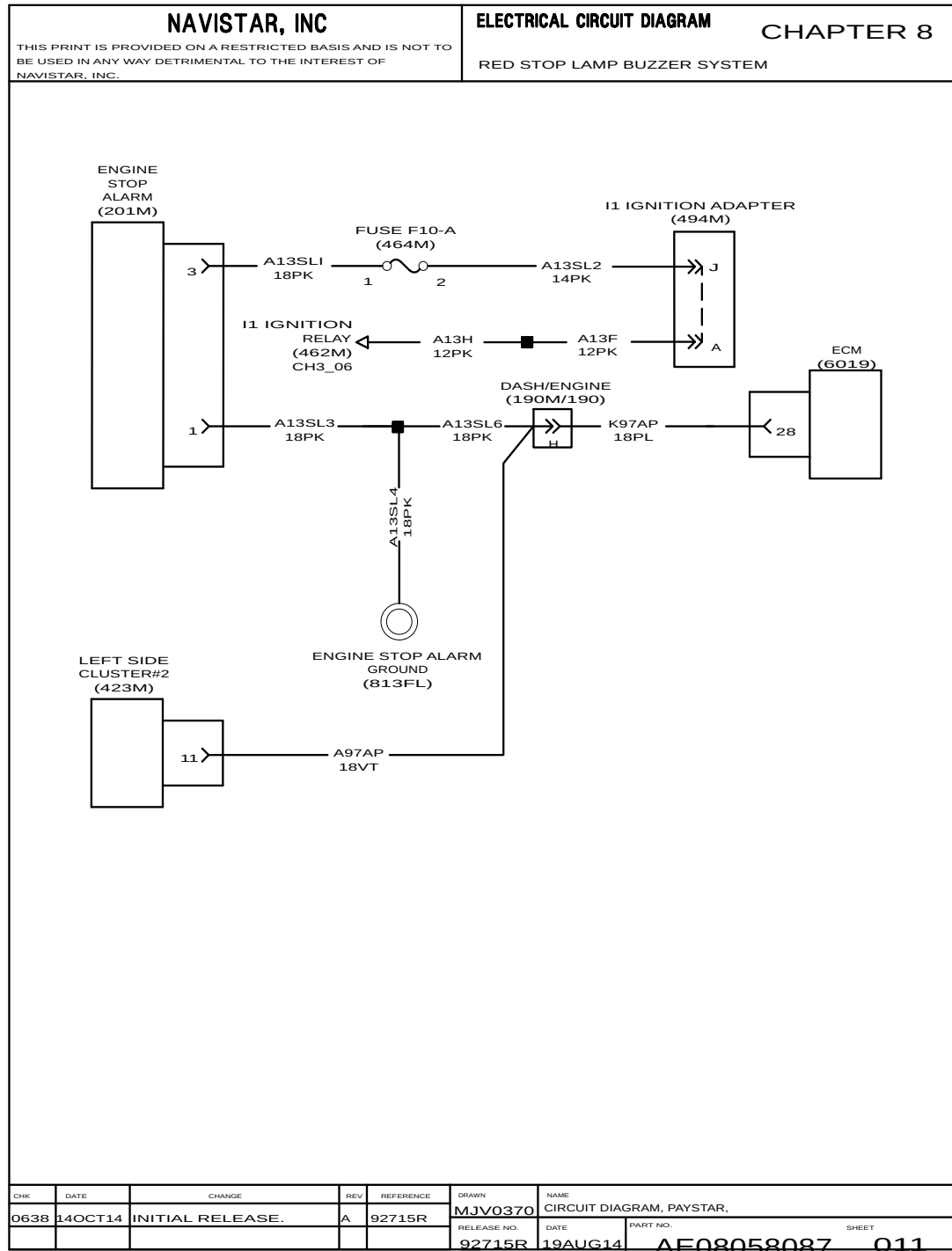


Figure 119 Red Stop Lamp Buzzer System

9.2. CAB AND TRAILER LIGHT SWITCH AND RELAY, P. 2

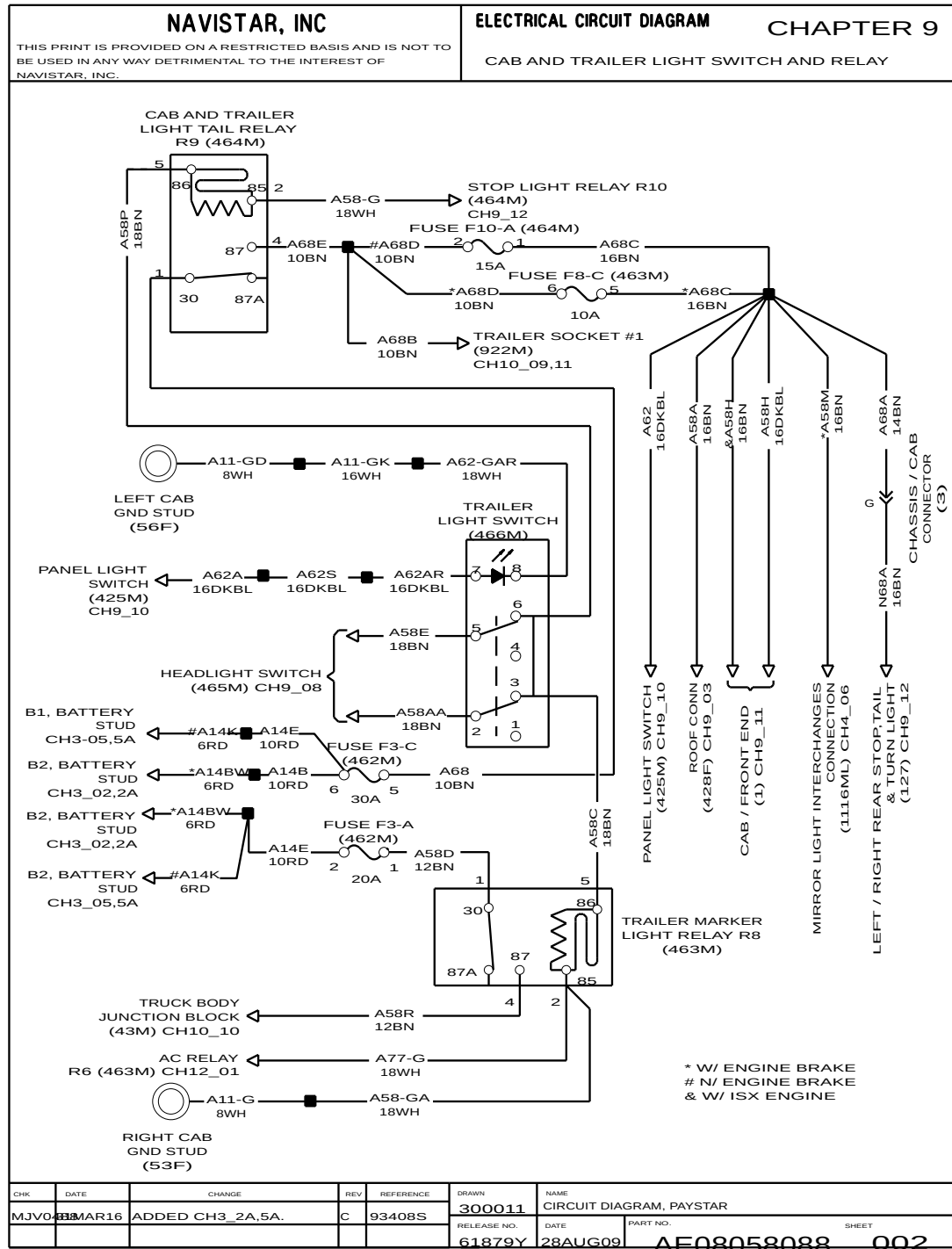


Figure 121 Cab and Trailer Light Switch and Relay

ELECTRICAL CIRCUIT DIAGRAM MANUAL

9.3. CAB CLEARANCE LIGHTS, P. 3

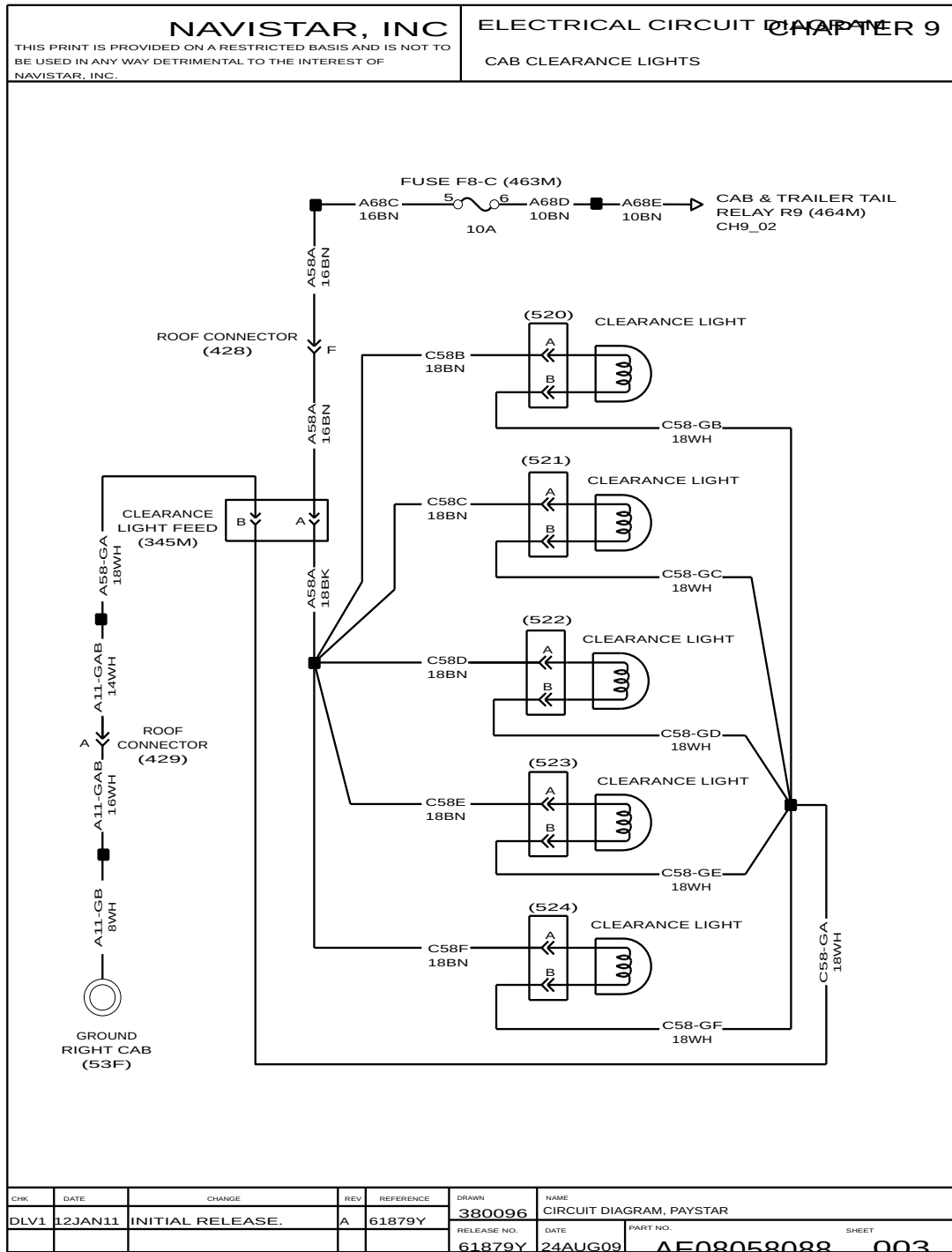


Figure 122 Cab Clearance Lights

9.4. WORK LIGHT WITHOUT SLEEPER, P. 4

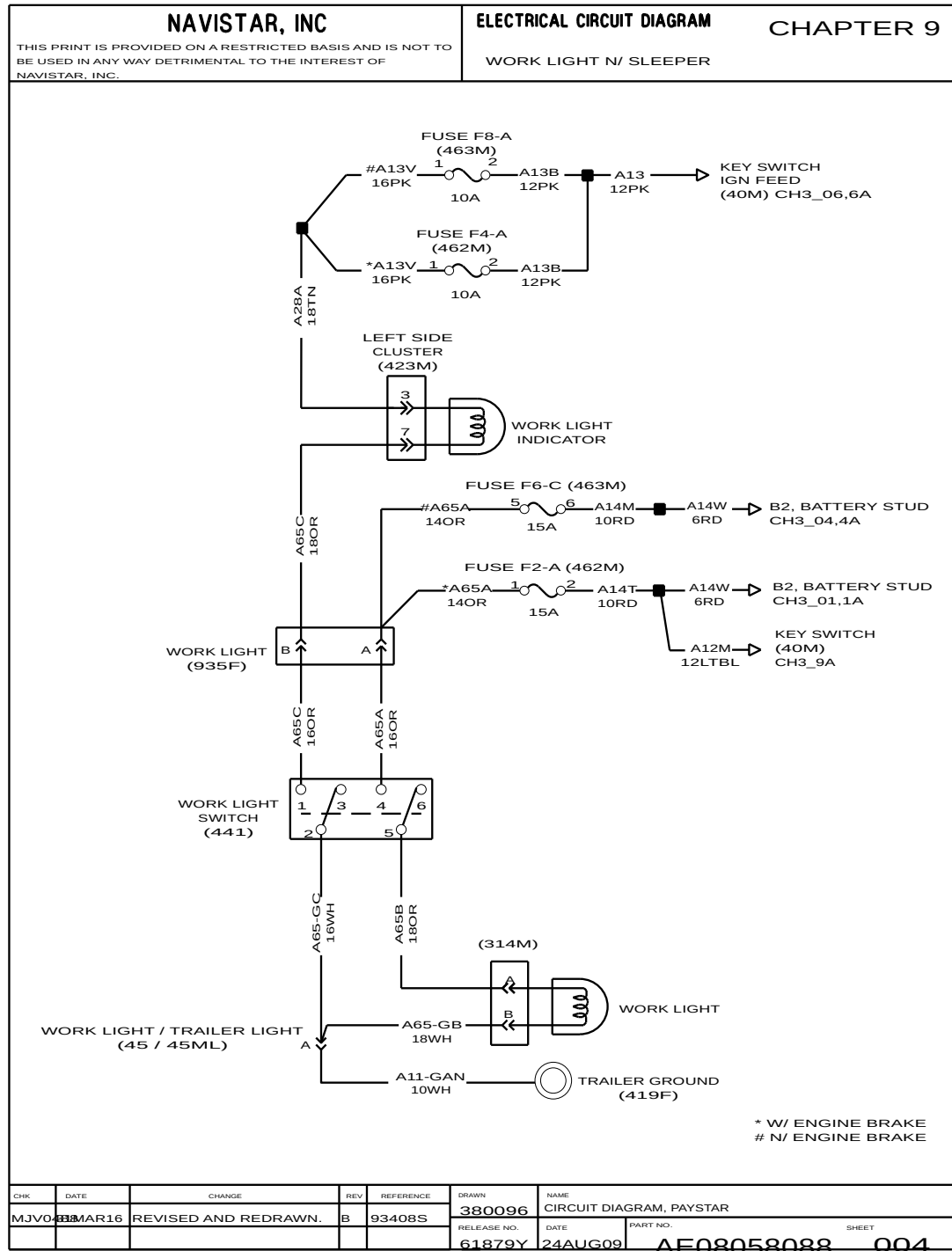


Figure 123 Work Light without Sleeper

ELECTRICAL CIRCUIT DIAGRAM MANUAL

9.5. CAB DOME, READING AND COURTESY LIGHTS, P. 5

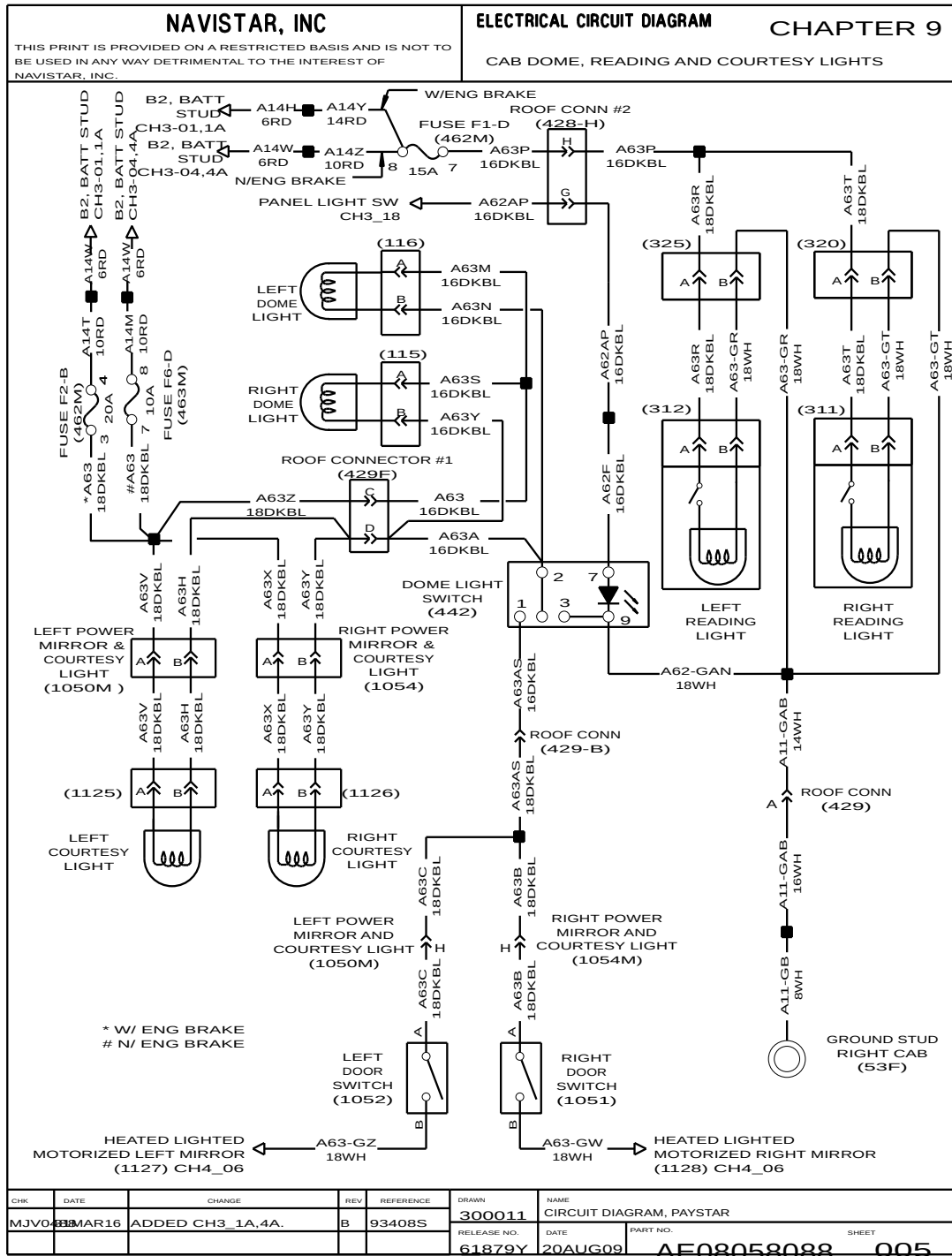


Figure 124 Cab Dome, Reading and Courtesy Lights

9.6. DAYTIME RUNNING LIGHTS, P. 6

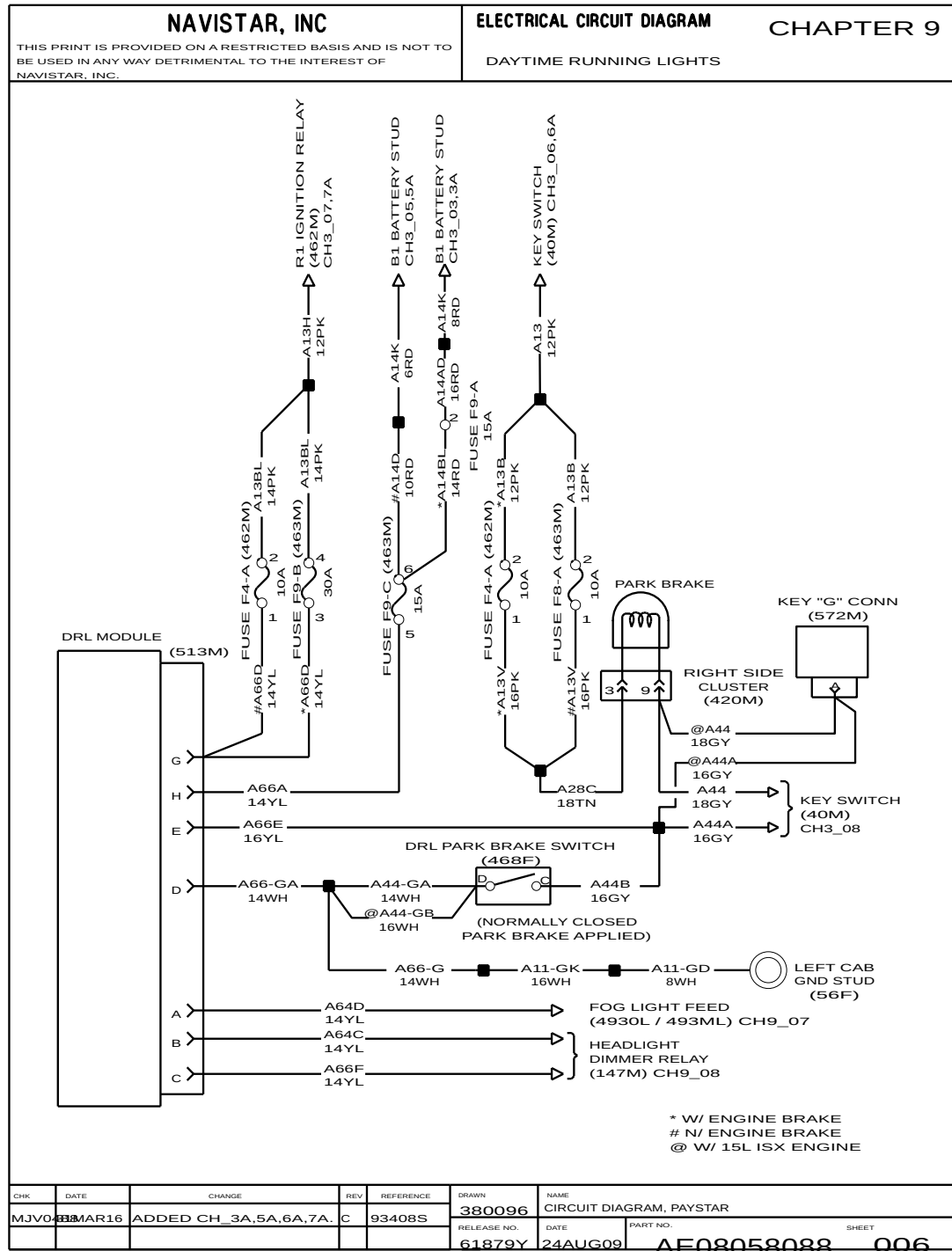


Figure 125 Daytime Running Lights

ELECTRICAL CIRCUIT DIAGRAM MANUAL

9.7. FOG LIGHTS, P. 7

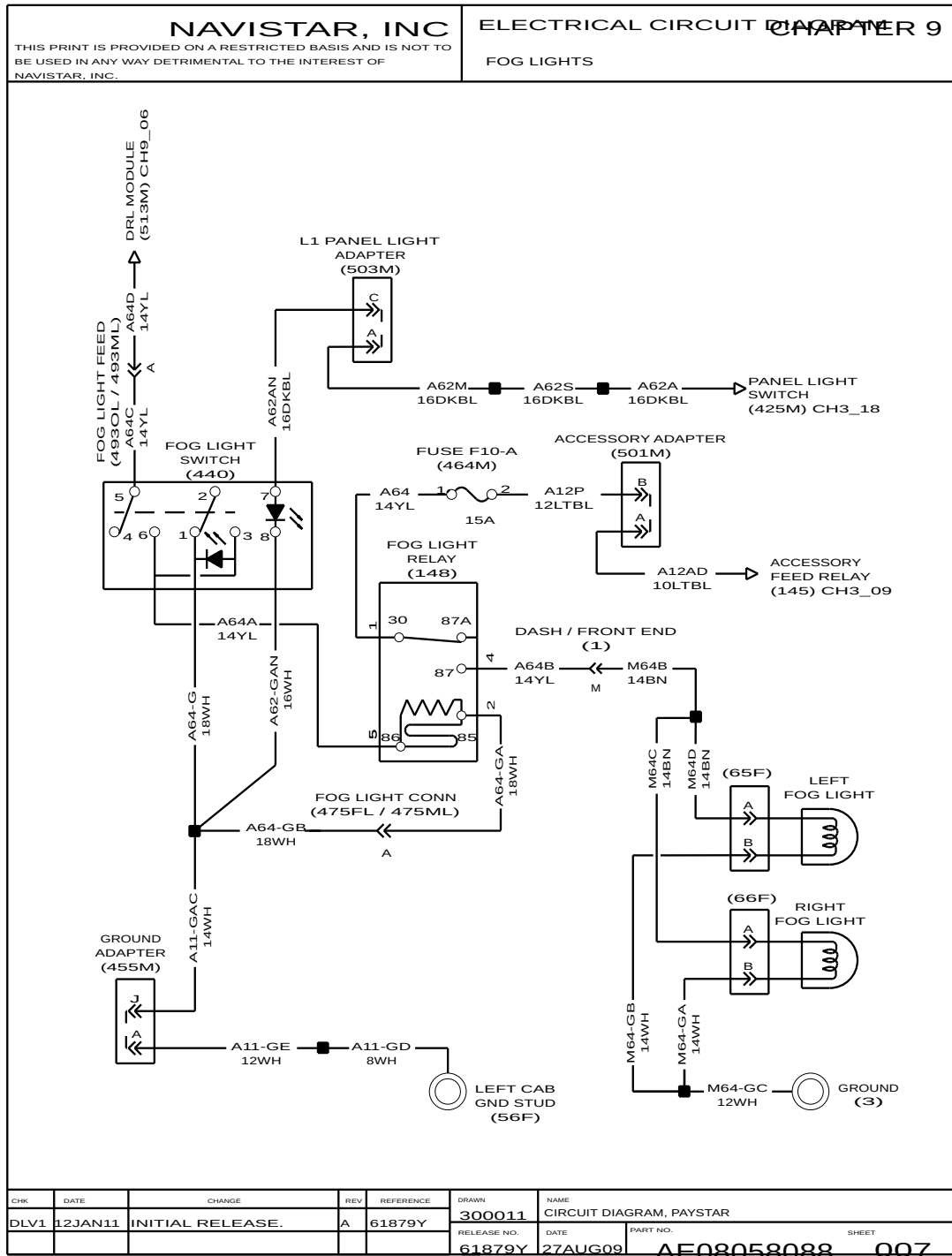


Figure 126 Fog Lights

9.8. HEADLIGHT SWITCH AND DIMMER SWITCH, P. 8

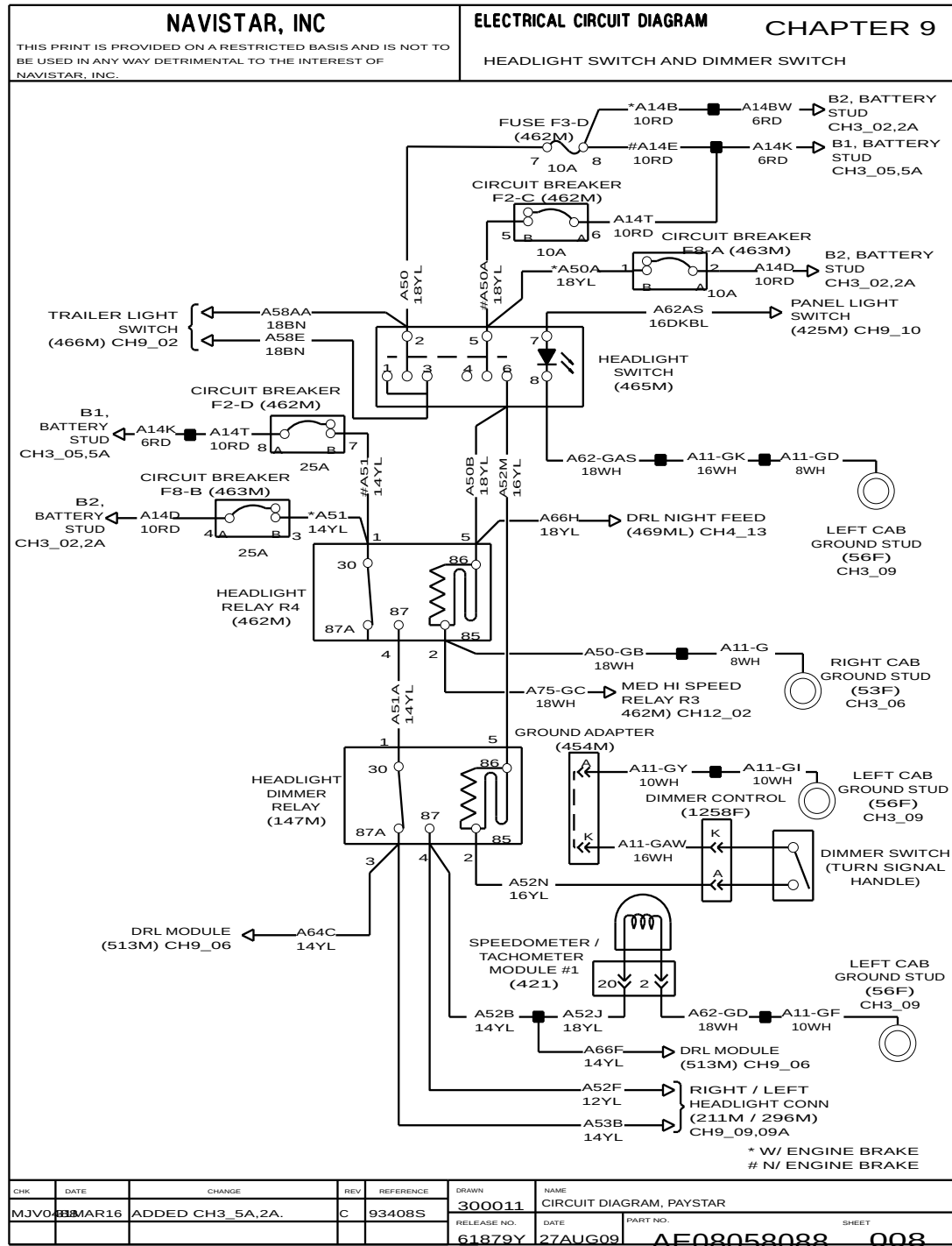


Figure 127 Headlight Switch and Dimmer Switch

ELECTRICAL CIRCUIT DIAGRAM MANUAL

9.9. HEADLIGHTS, P. 9

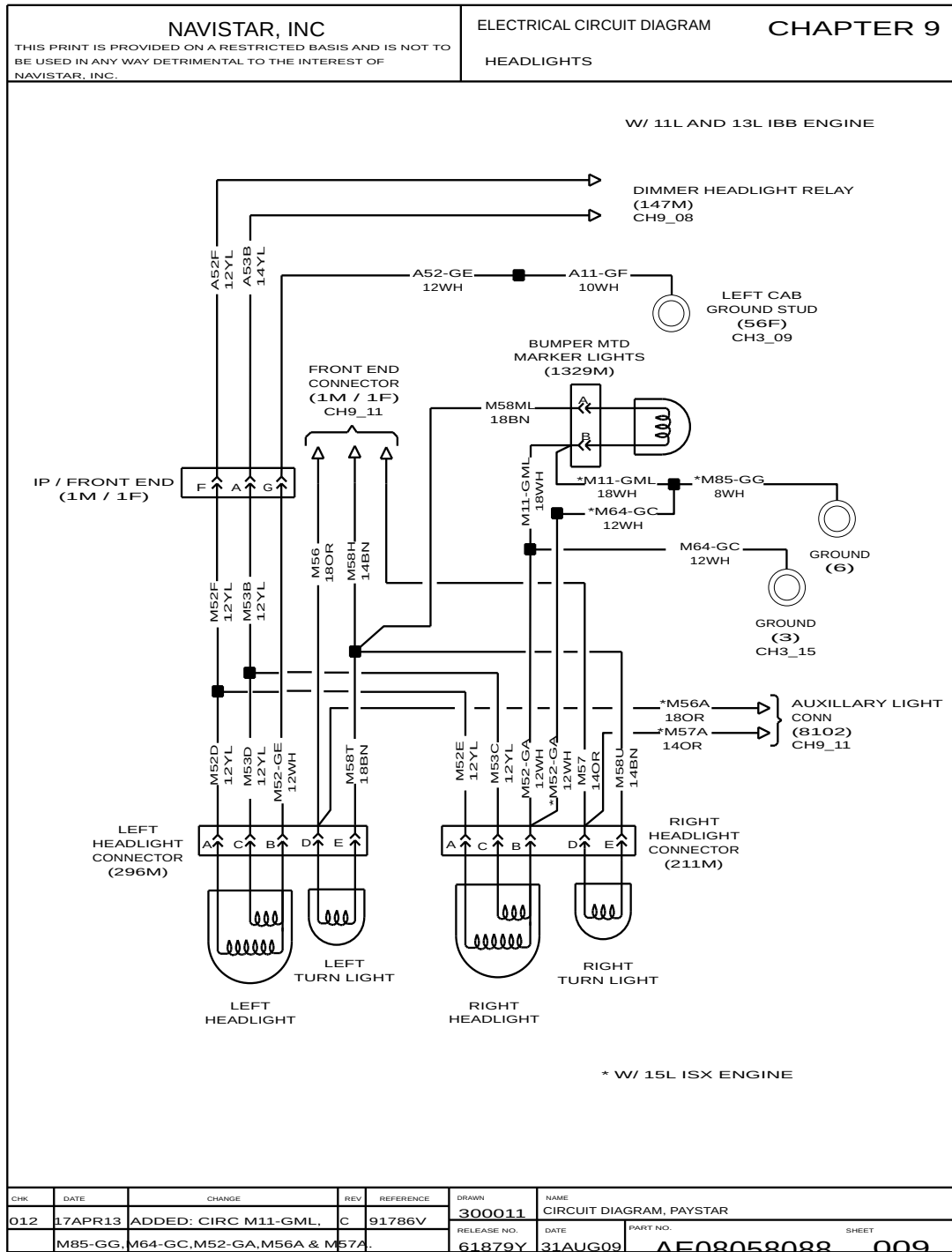


Figure 128 Headlights

9.10. HEADLIGHTS (CONT.), P. 9A

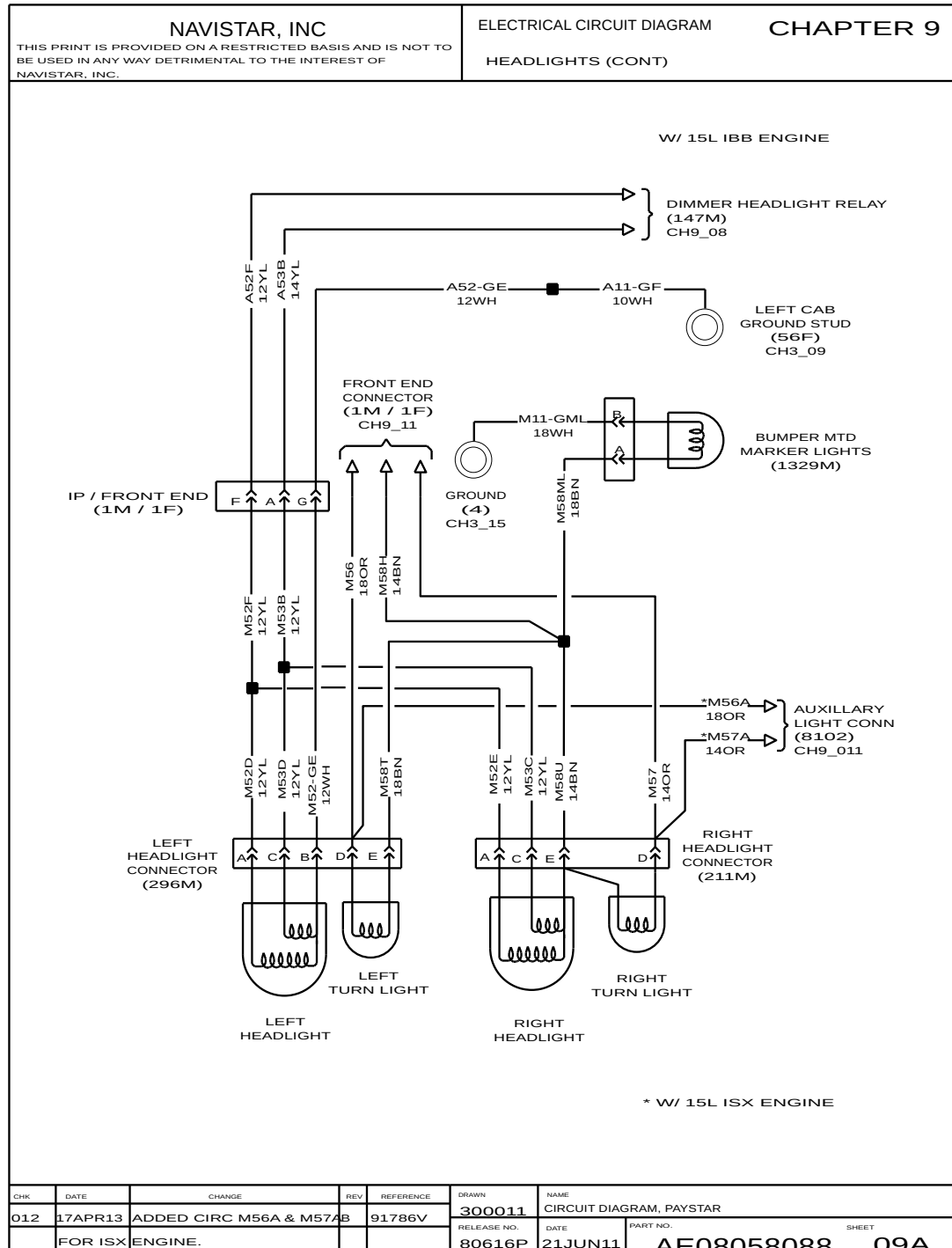


Figure 129 Headlights (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

9.11. PANEL LIGHTS, P. 10

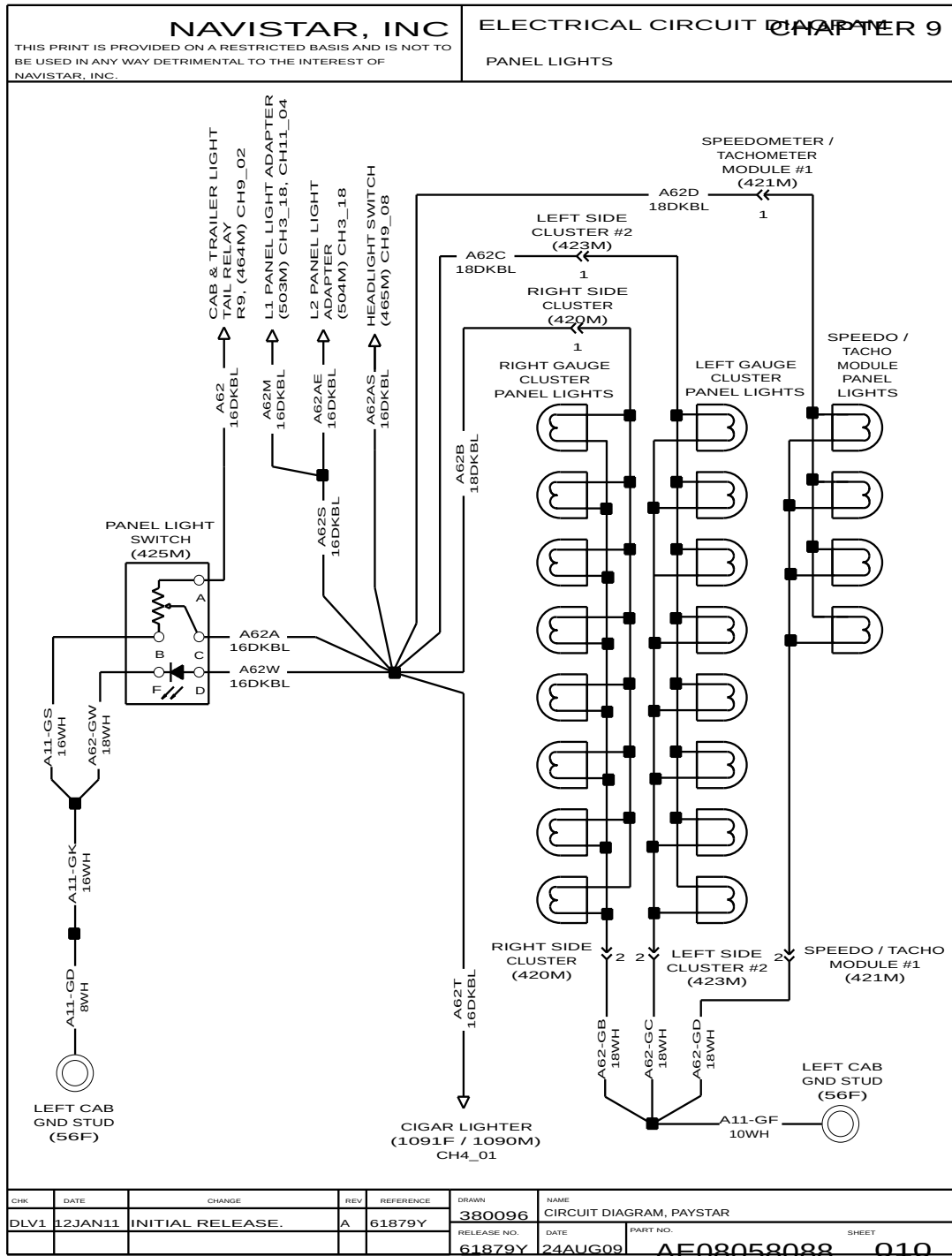


Figure 130 Panel Lights

9.12. PARK / TURN / SIDE MARKER LIGHTS WITH AUXILIARY HEADLIGHTS, P. 11

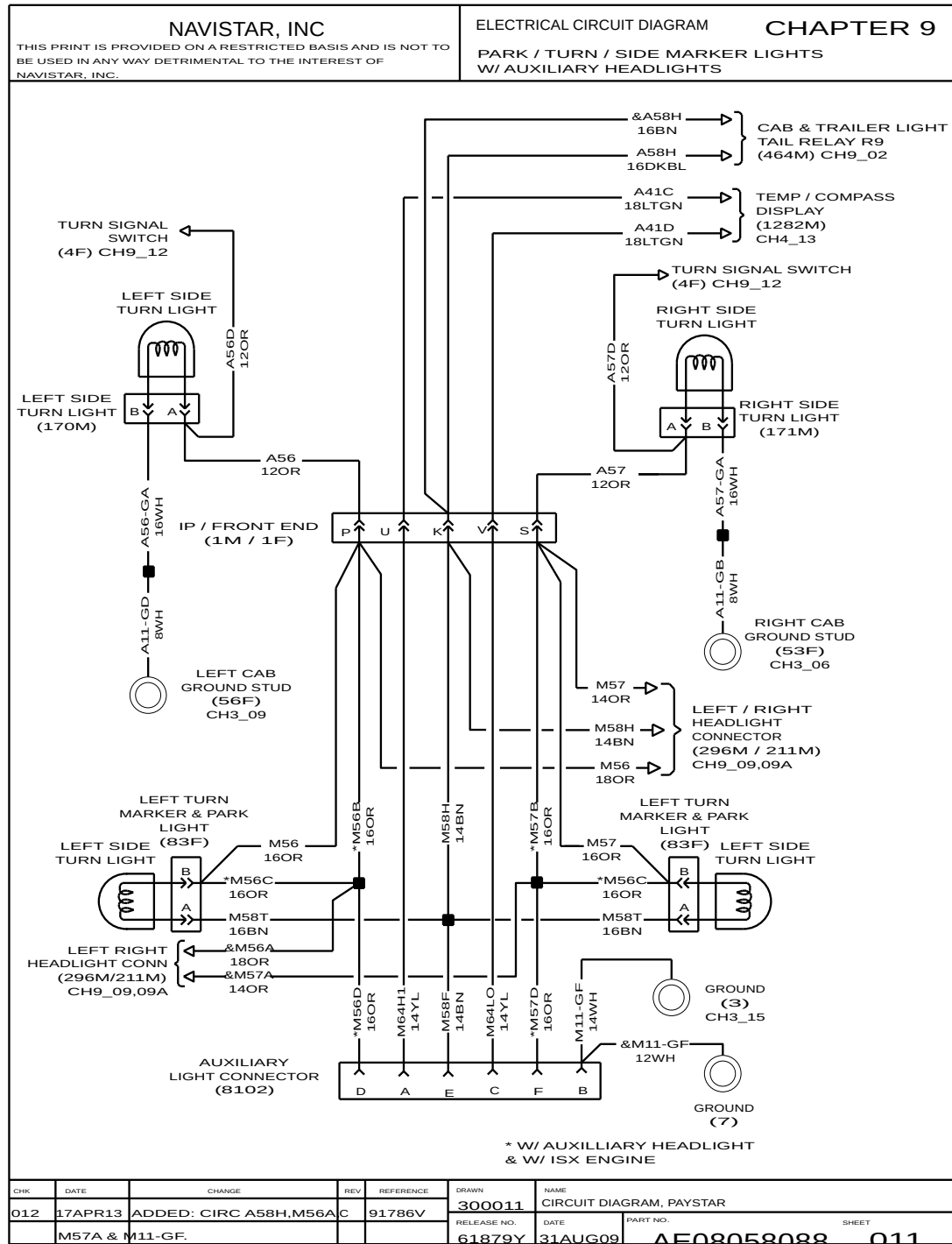


Figure 131 Park / Turn / Side Marker Lights with Auxiliary Headlights

ELECTRICAL CIRCUIT DIAGRAM MANUAL

9.13. STOP, TAIL, TURN AND HAZARD SIGNAL LIGHTS WITH FLASHER, P. 12

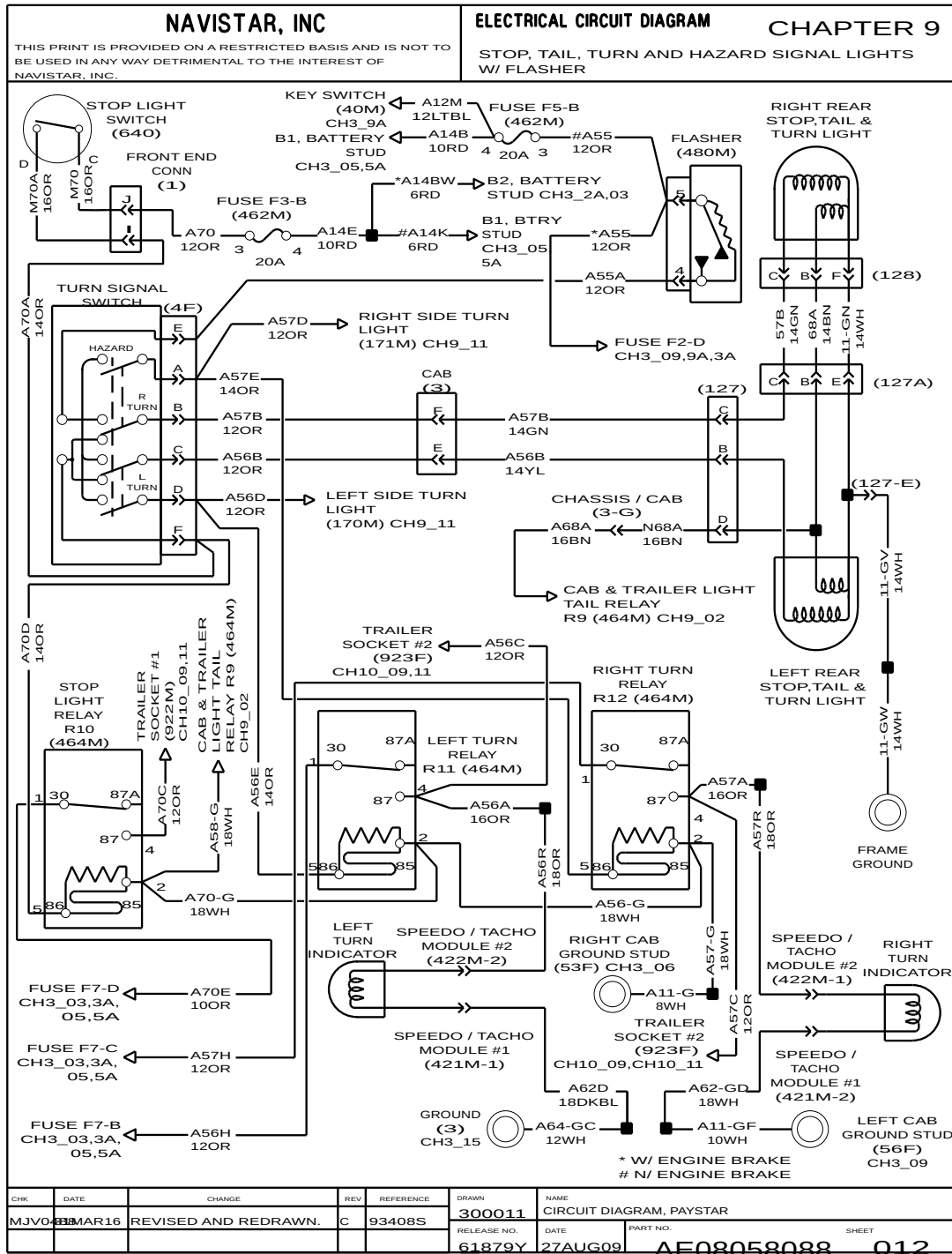


Figure 132 Stop, Tail, Turn and Hazard Signal Lights with Flasher

9.14. BEACON LIGHT, P. 13

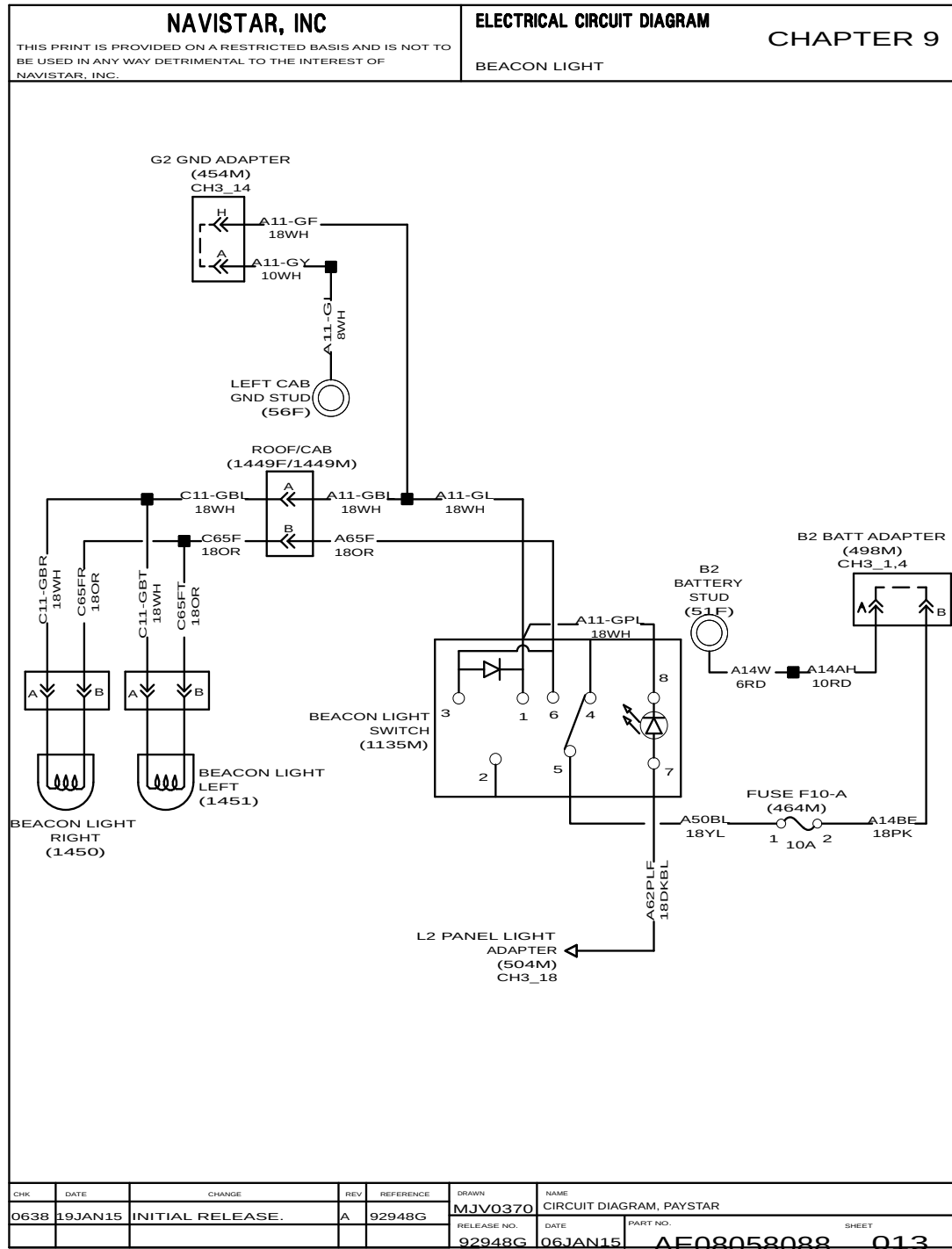


Figure 133 Beacon Light

ELECTRICAL CIRCUIT DIAGRAM MANUAL

CHASSIS ACCESSORIES (CHAPTER 10)

10.1. AIR DRYER, P. 1

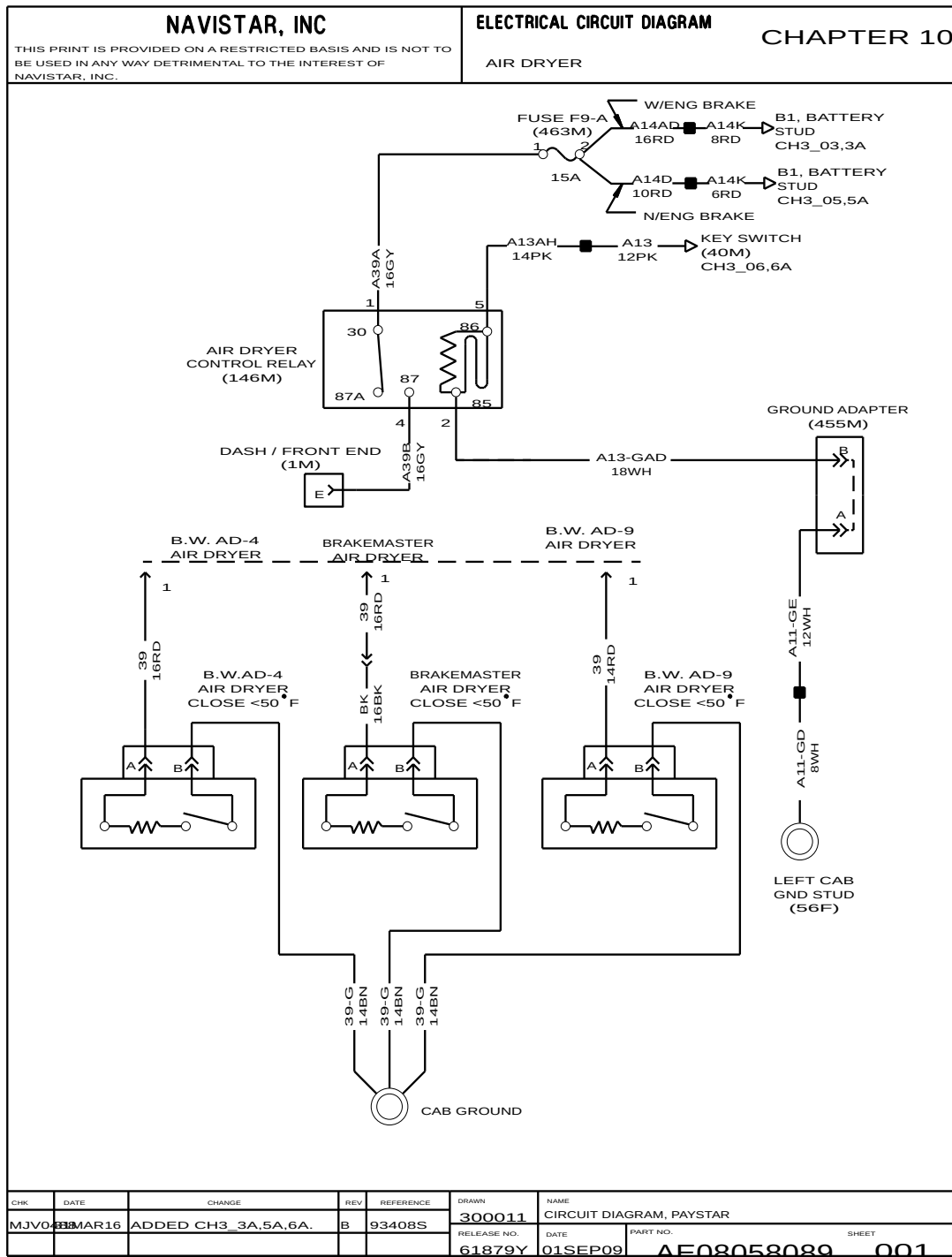


Figure 134 Air Dryer

10.2. BENDIX AIR ABS 4CH WITH ATC, P. 2

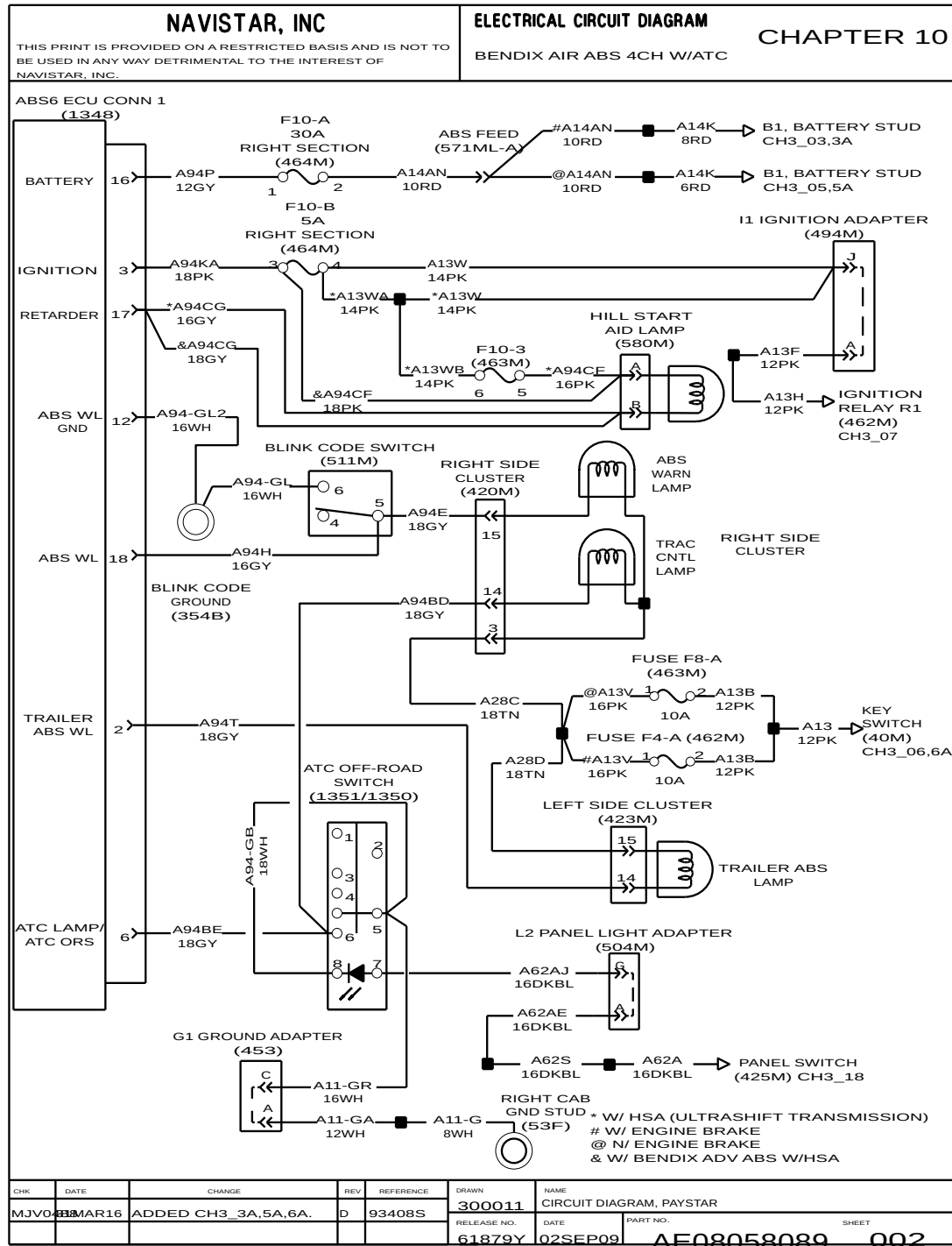


Figure 135 Bendix Air ABS 4CH with ATC

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.3. BENDIX AIR ABS 4CH WITH ATC, P. 3

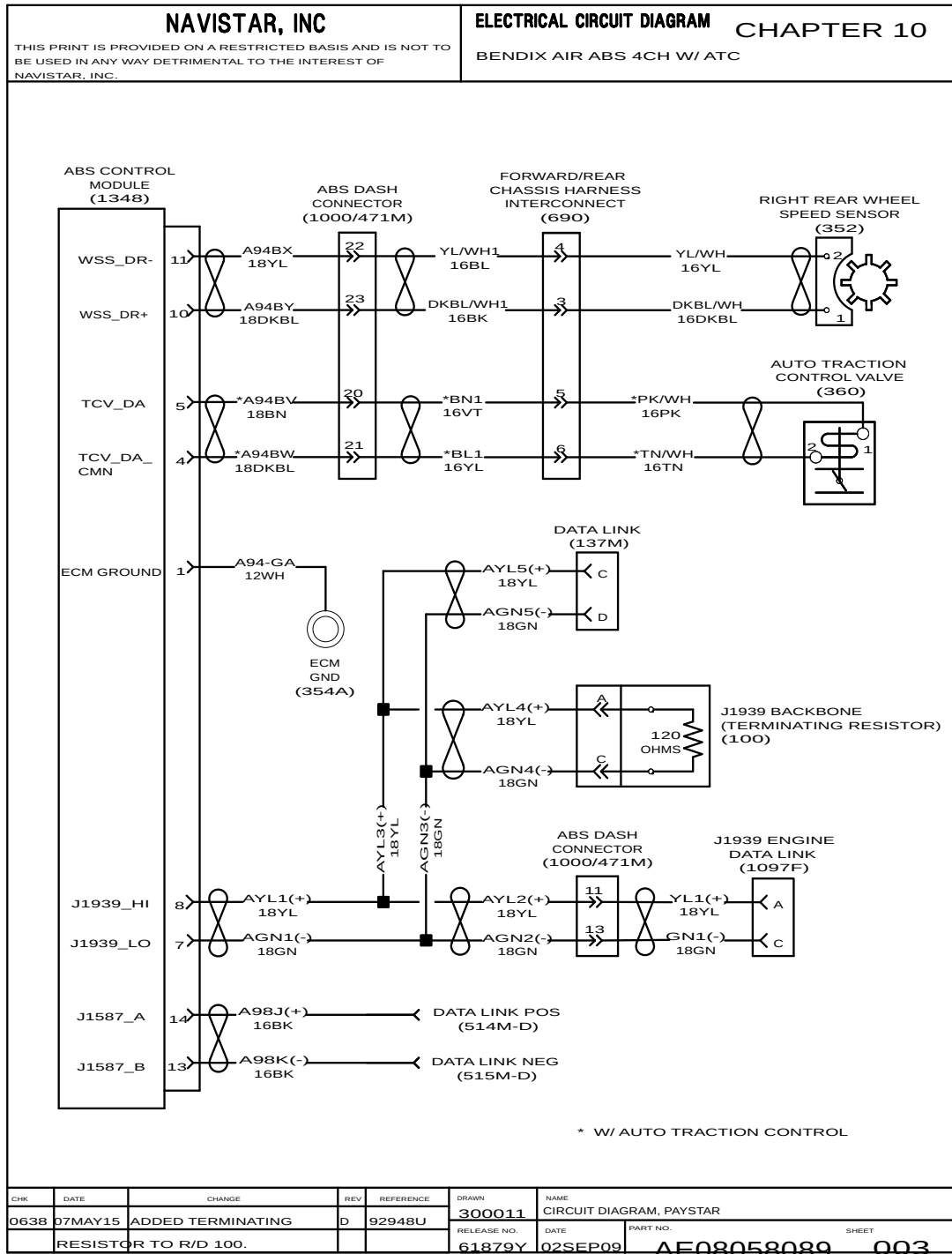


Figure 136 Bendix Air ABS 4CH with ATC

[illegible]

137

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.5. BENDIX AIR ABS 4CH WITH ATC, P. 5

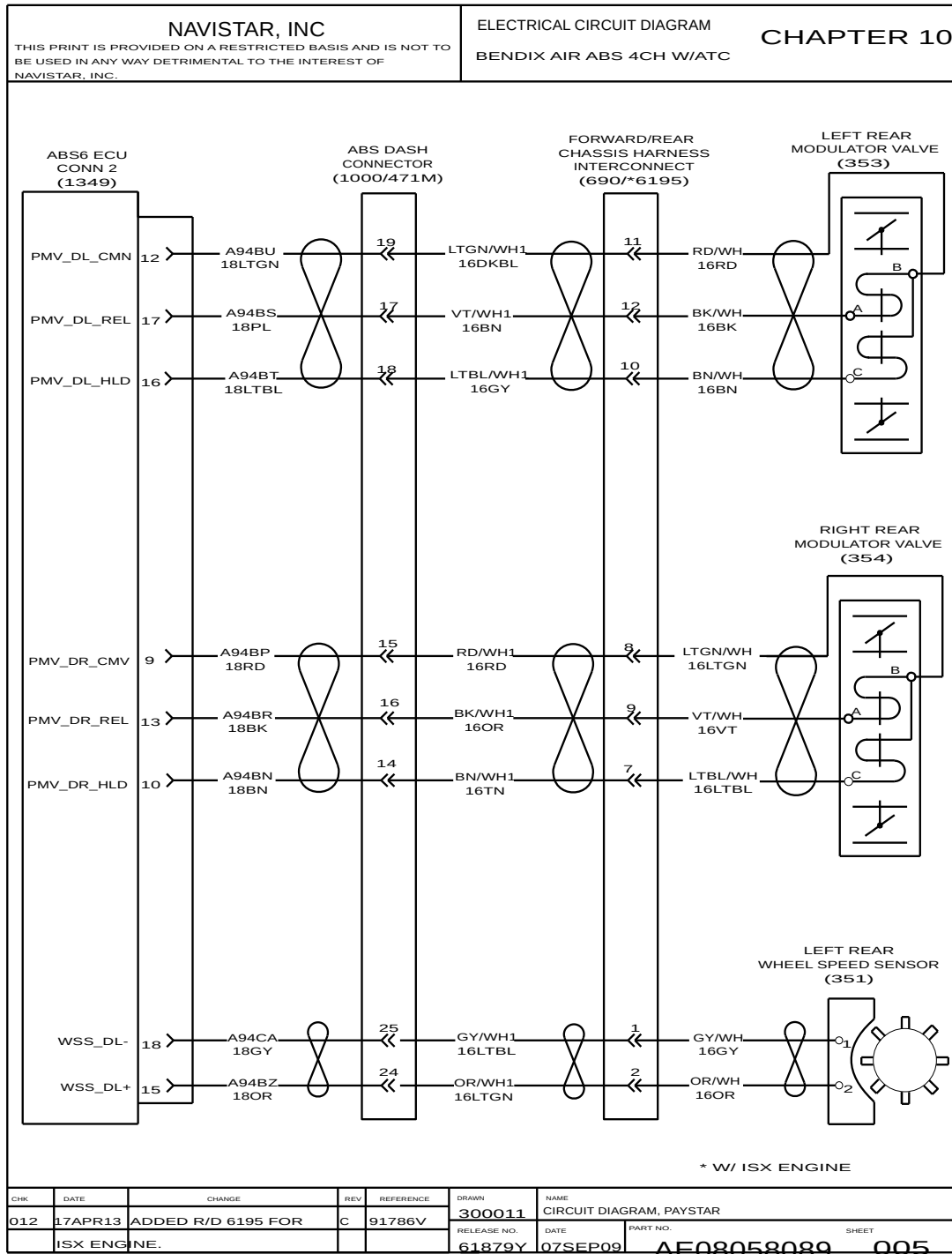


Figure 138 Bendix Air ABS 4CH with ATC

10.6. BENDIX AIR ABS 6CH WITH ATC, P. 6

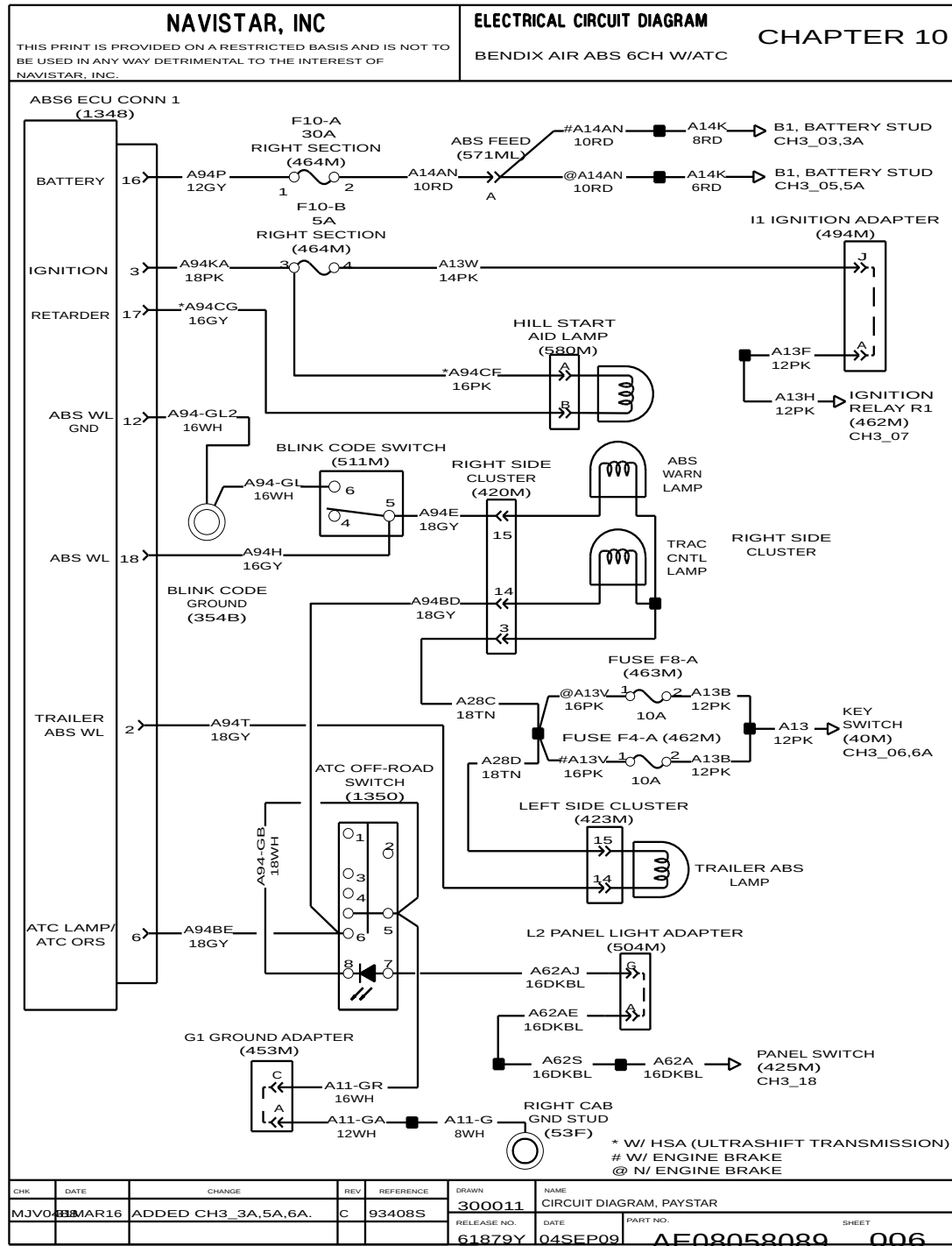


Figure 139 Bendix Air ABS 6CH with ATC

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.7. BENDIX AIR ABS 6CH WITH ATC, P. 7

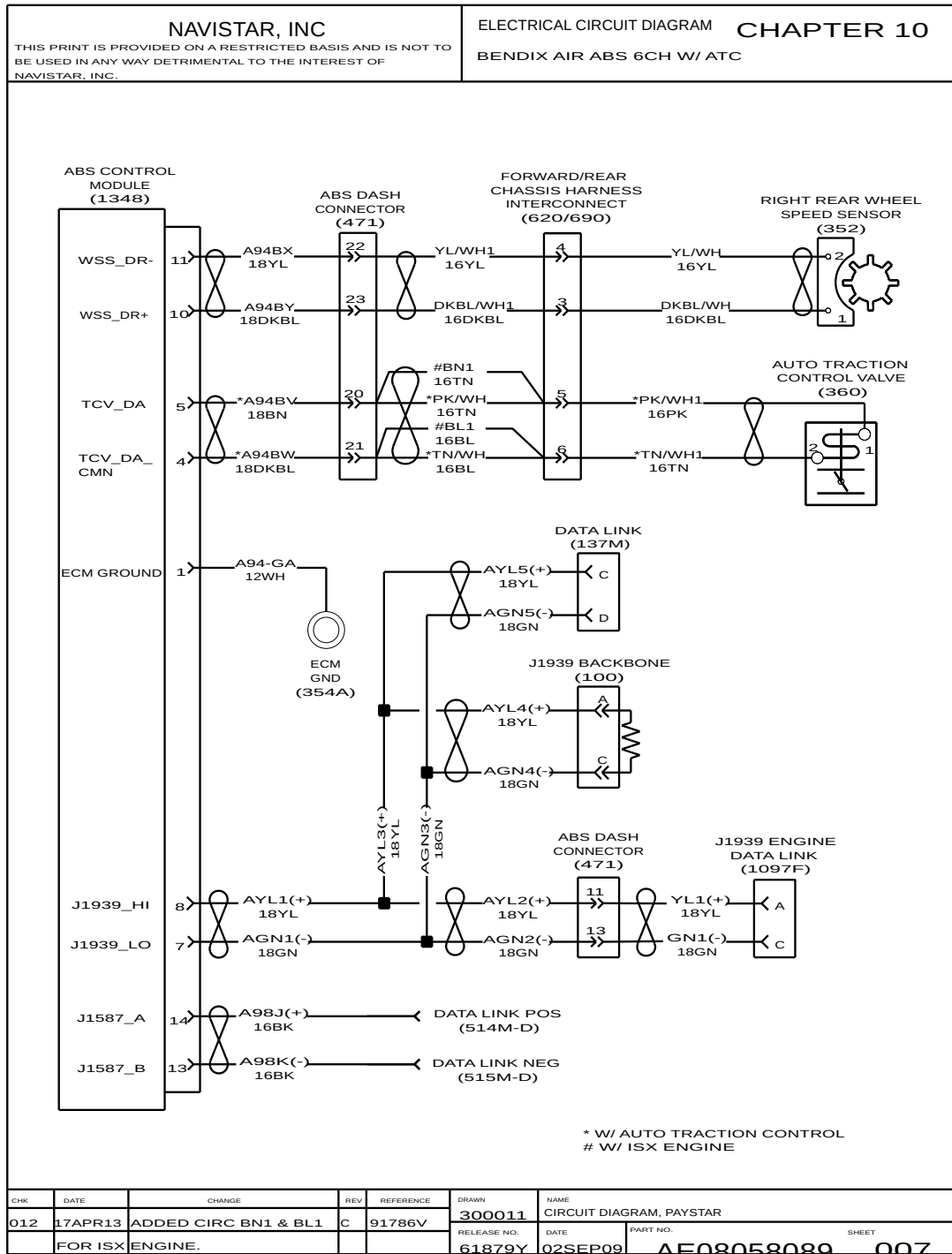


Figure 140 Bendix Air ABS 6CH with ATC

10.8. BENDIX AIR ABS 6CH WITH ATC WITH HSA, P. 8

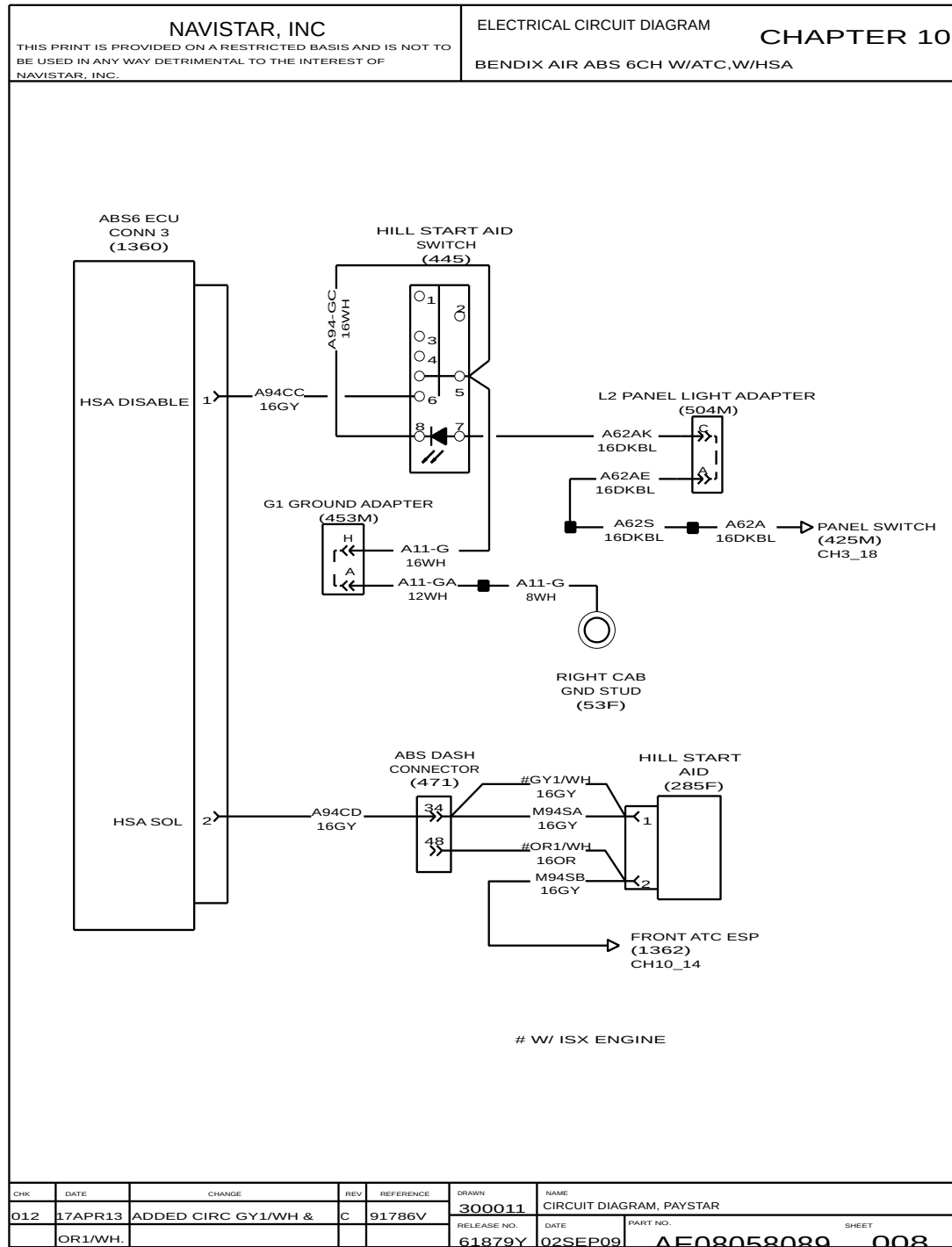


Figure 141 Bendix Air ABS 6CH with ATC with HSA

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.9. BENDIX AIR ABS 6CH WITH ATC, P. 9

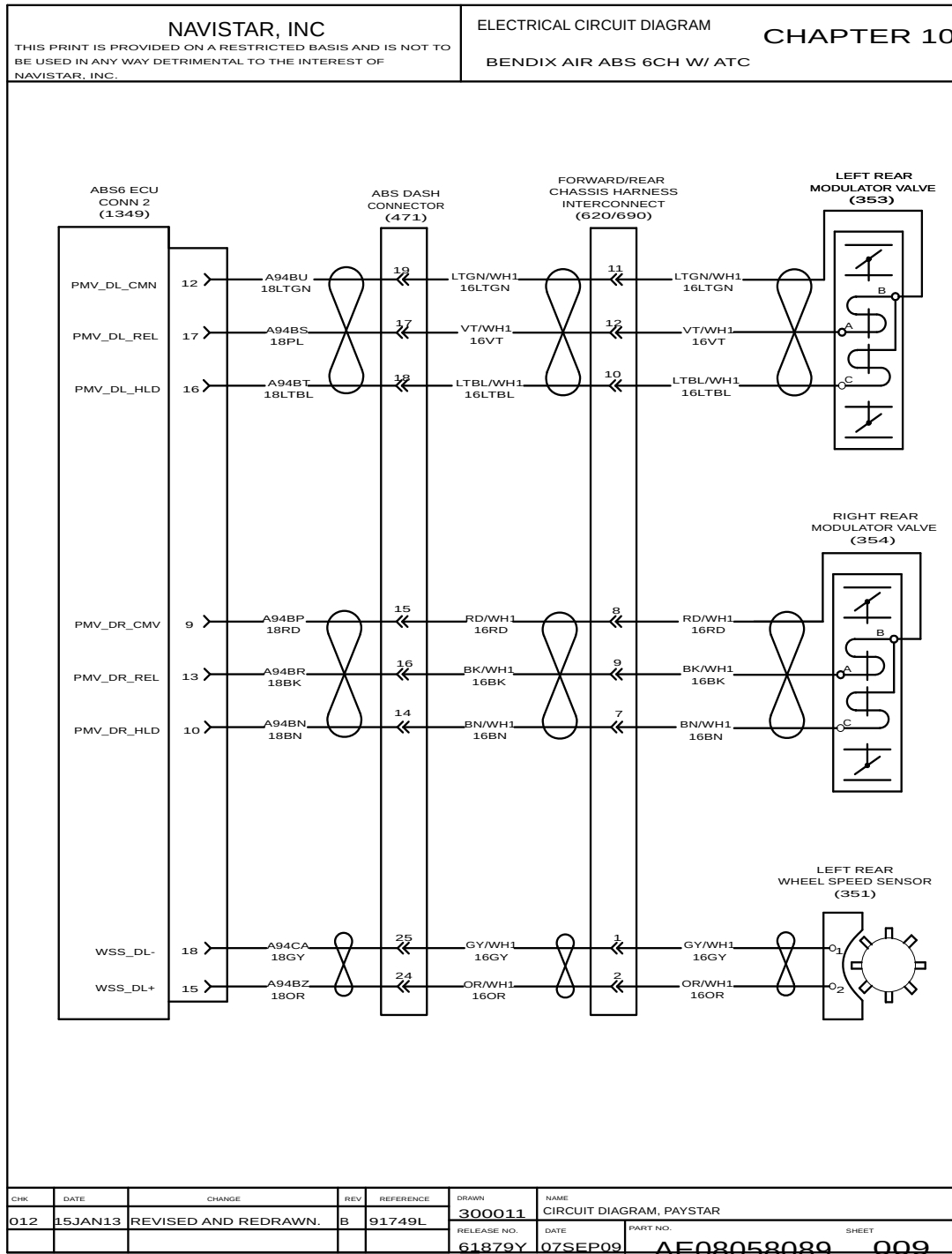


Figure 142 Bendix Air ABS 6CH with ATC

10.10. ABS BENDIX AIR 6S / 6M (6X4), P. 10

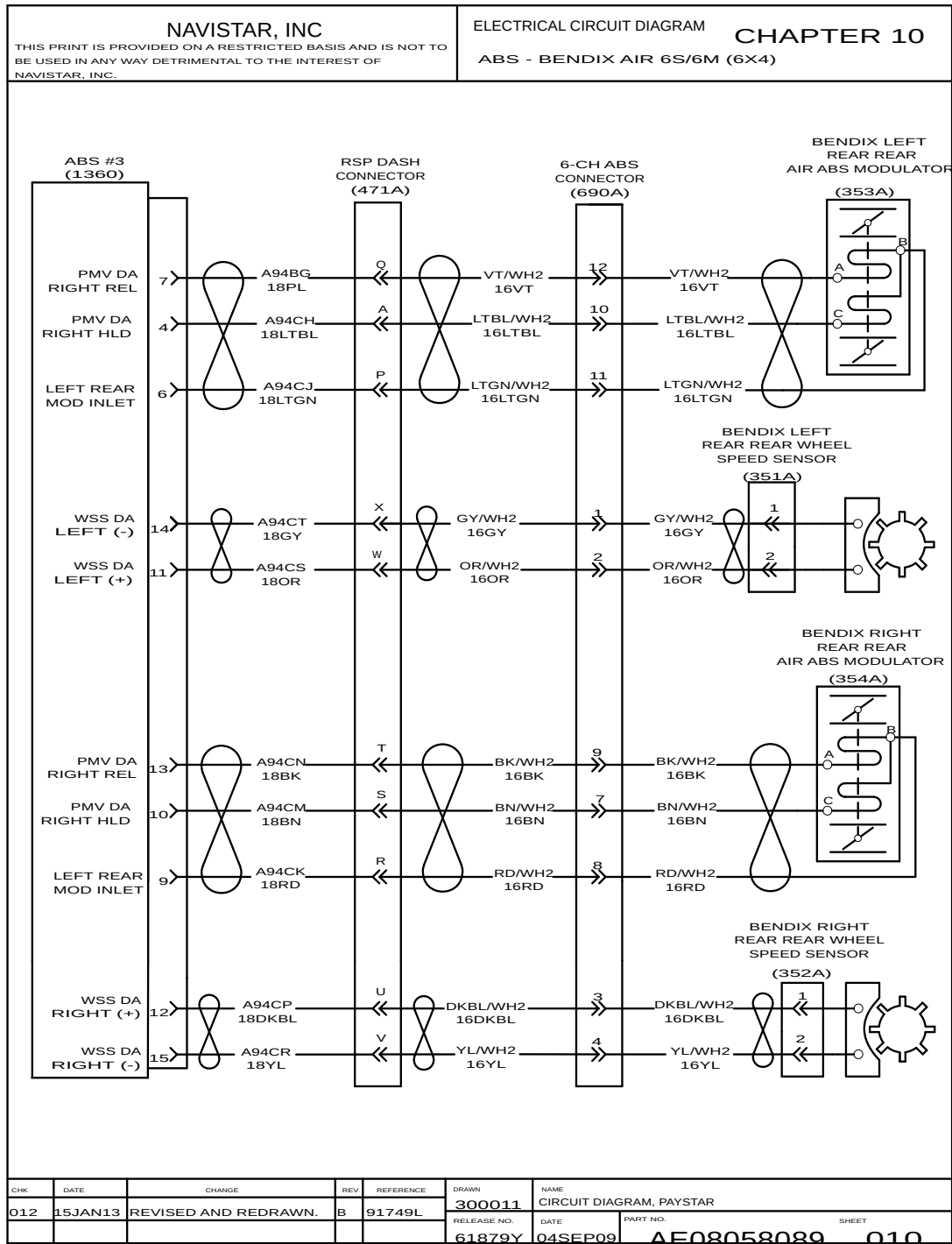


Figure 143 ABS Bendix Air 6S / 6M (6X4)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.11. BENDIX AIR ABS WITH ATC, P. 11

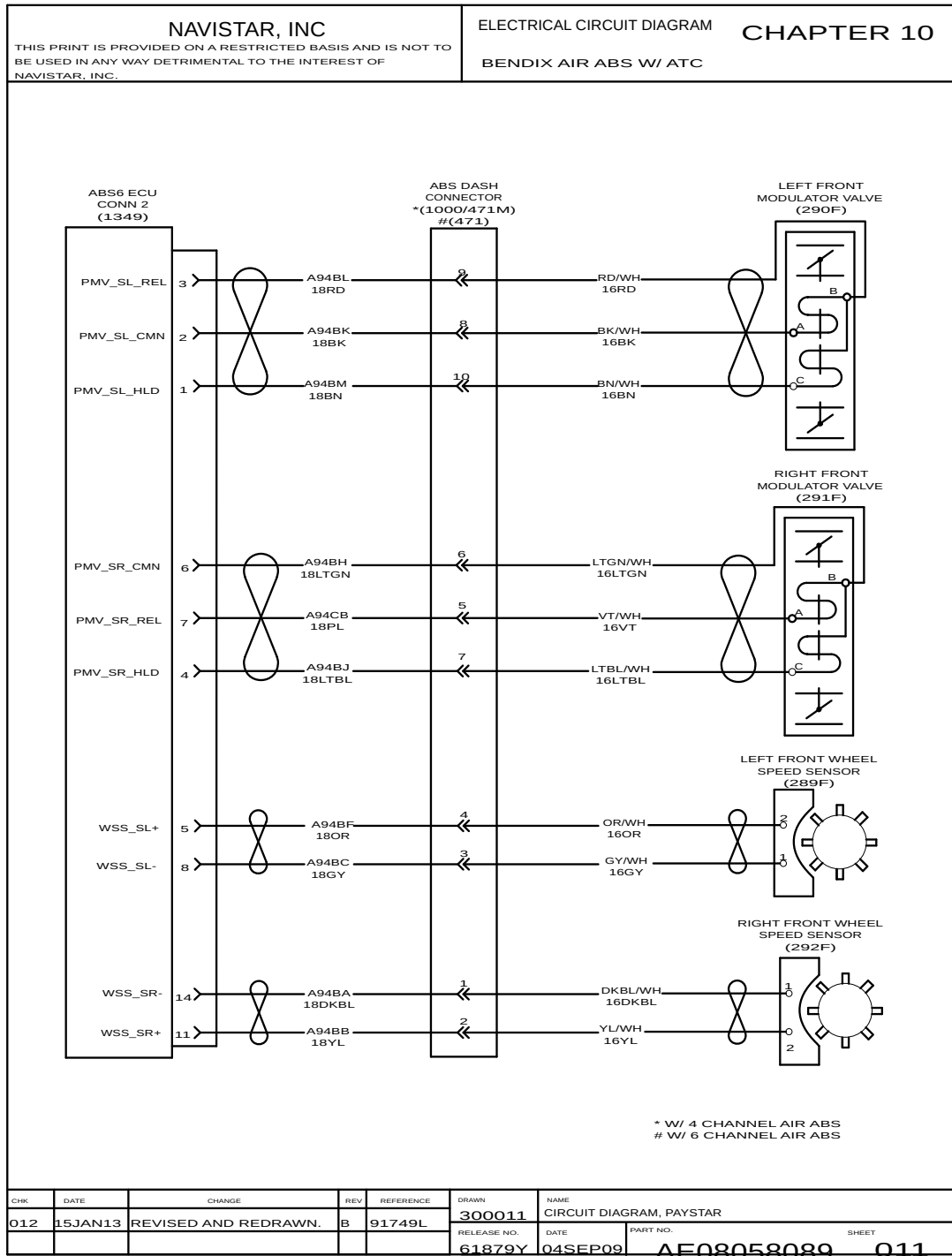


Figure 144 Bendix Air ABS with ATC

10.12. BENDIX ADVANCE AIR ABS, P. 12

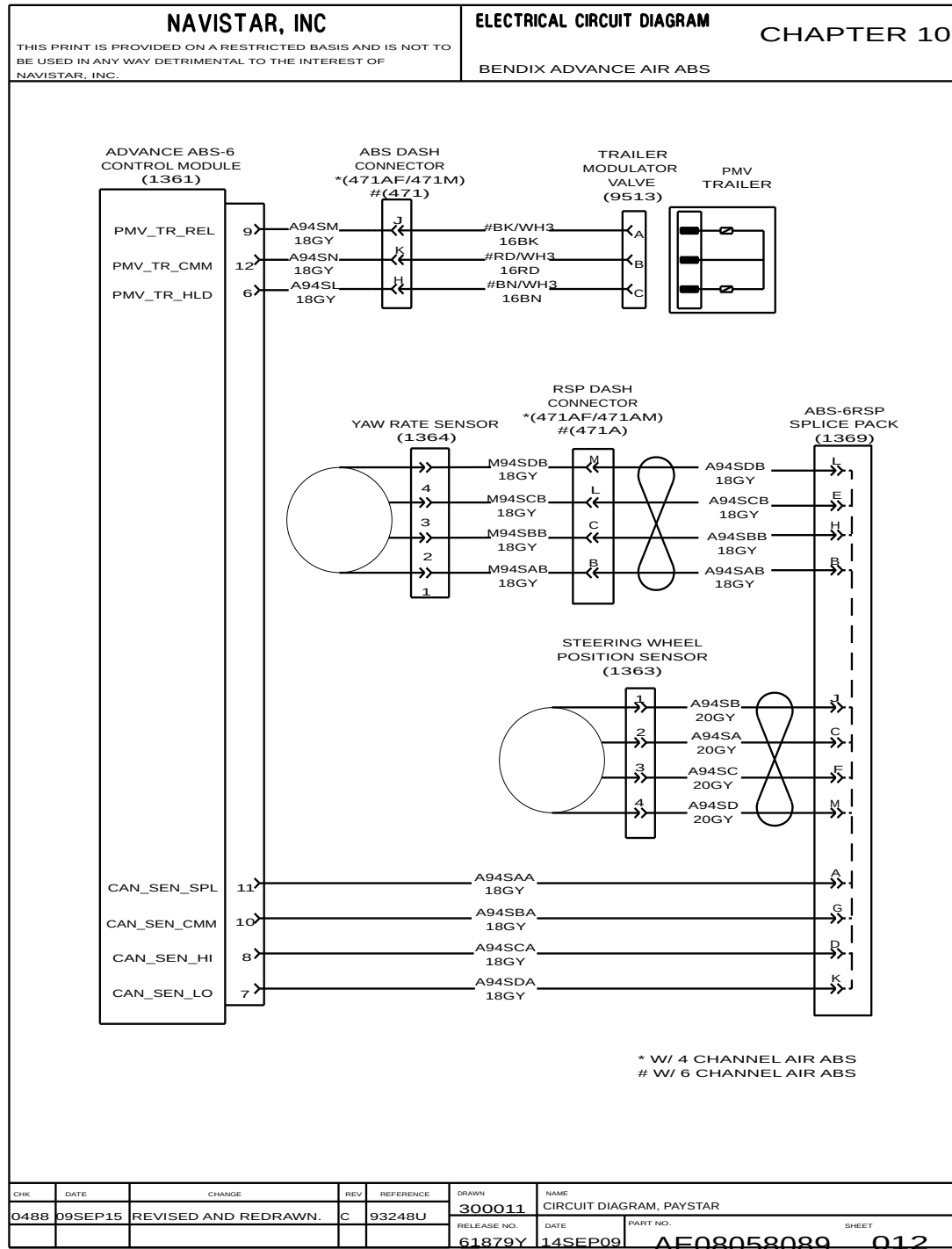


Figure 145 Bendix Advance Air ABS

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.13. BENDIX ADVANCE AIR ABS (CONT.), P. 13

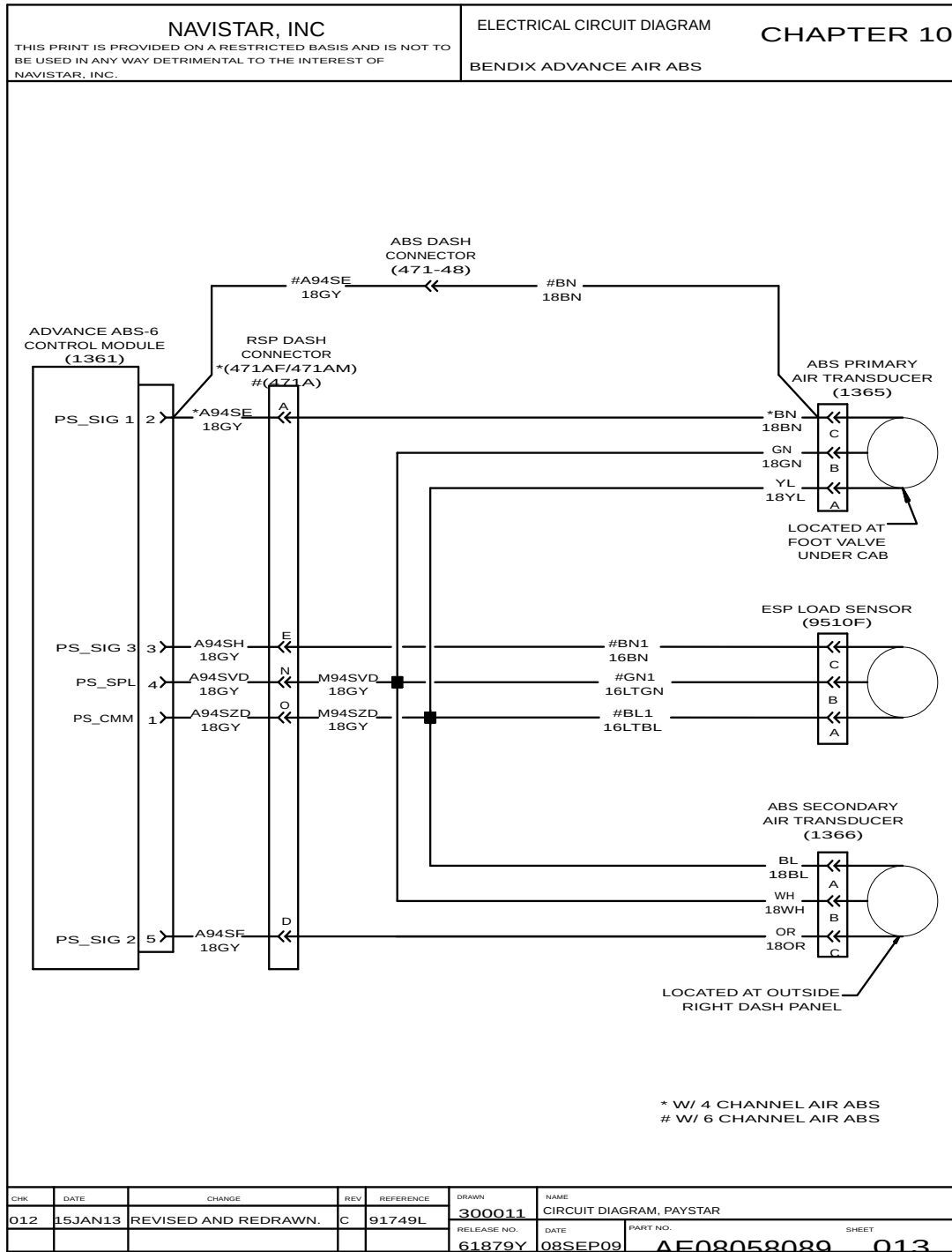


Figure 146 Bendix Advance Air ABS (Cont.)

10.14. BENDIX ADVANCE AIR ABS (CONT.), P. 14

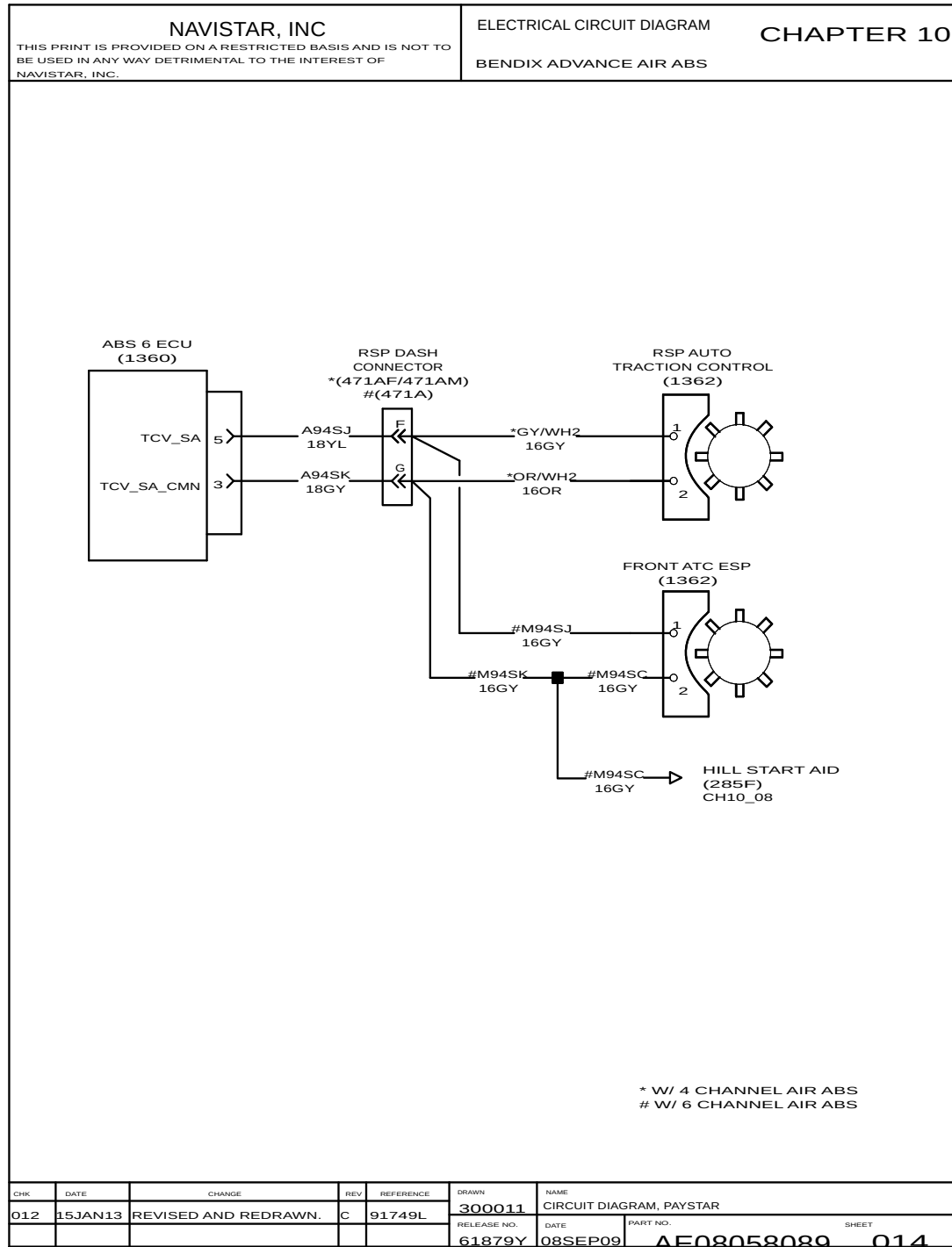


Figure 147 Bendix Advance Air ABS (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.15. BENDIX ADVANCE AIR ABS FOR 6CH, P. 15

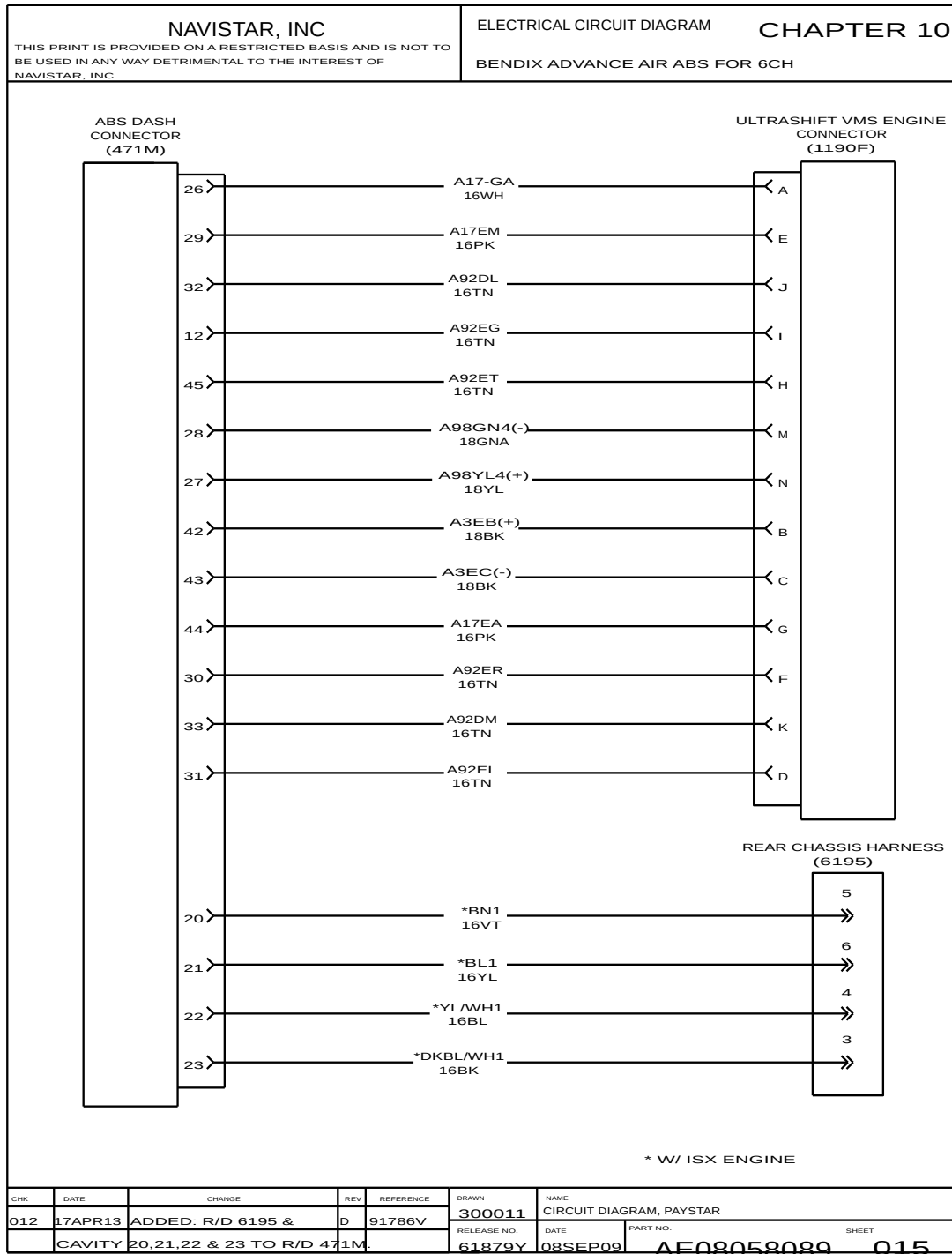


Figure 148 Bendix Advance Air ABS for 6CH

10.16. TRAILER CONNECTION WITH FOUR WHEEL TRAILER FRAME MOUNTED, P. 16

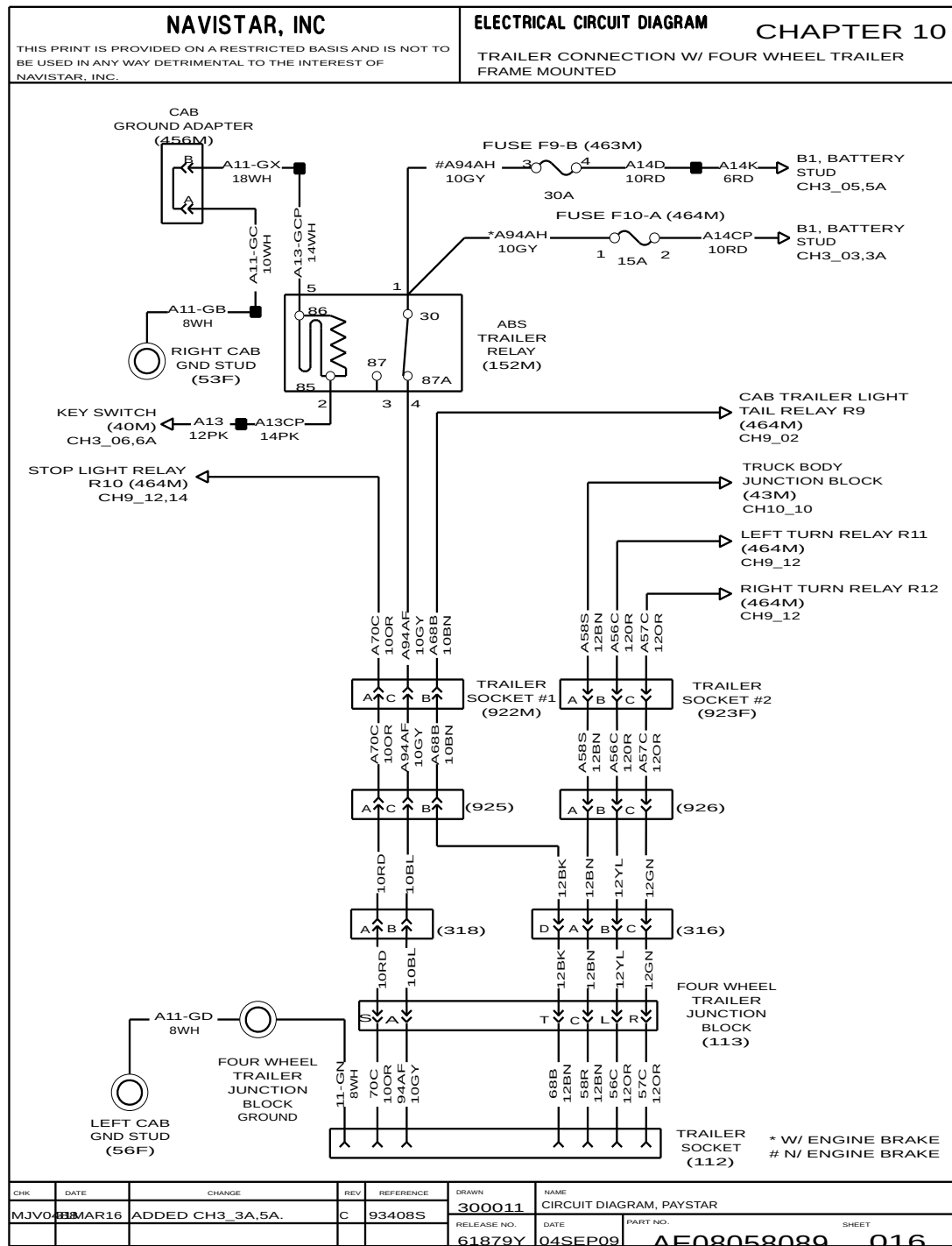


Figure 149 Trailer Connection with Four Wheel Trailer Frame Mounted

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.17. TRUCK BODY CONNECTION, P. 17

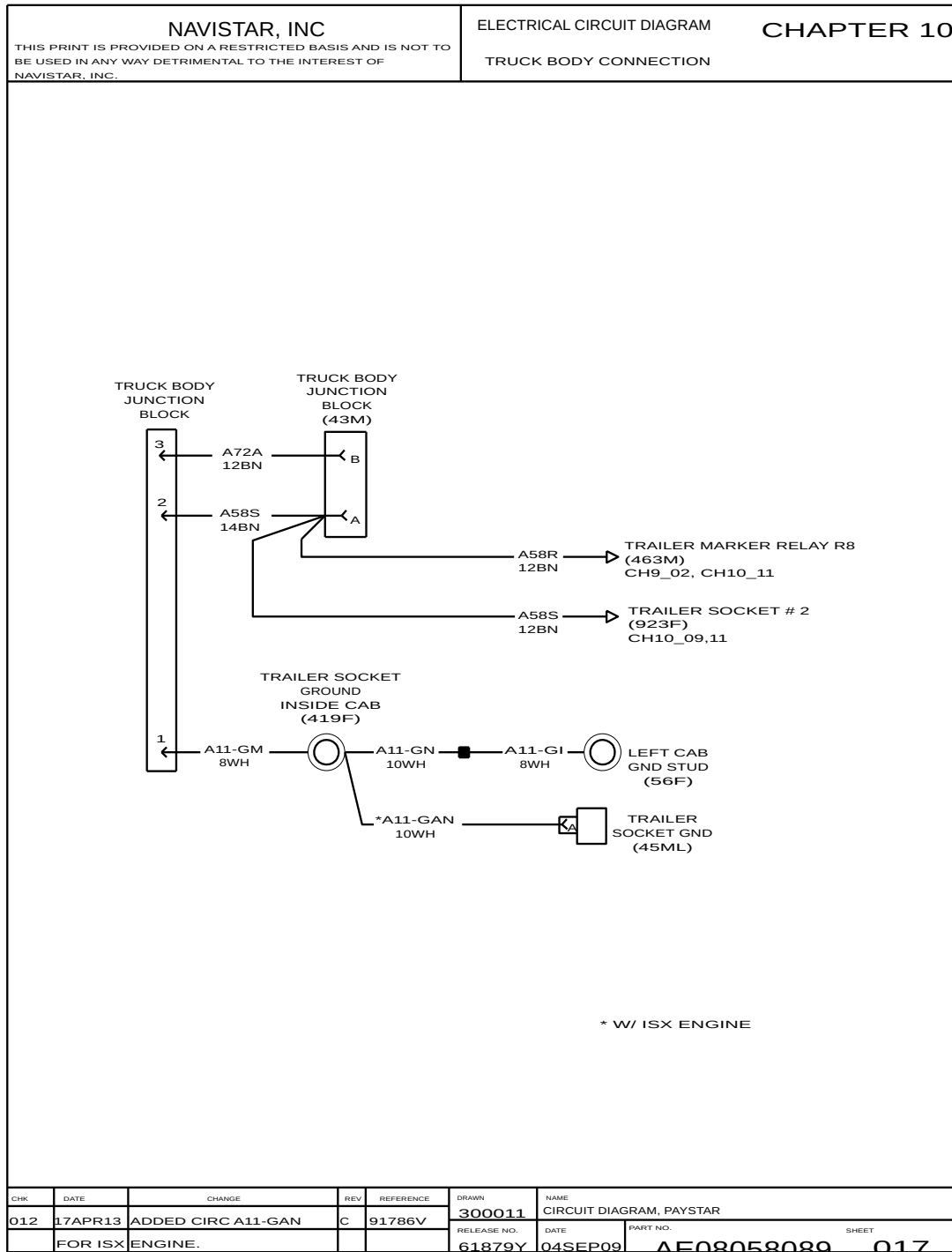


Figure 150 Truck Body Connection

10.18. TRAILER CONNECTION WITHOUT SLEEPER BACK OF CAB MOUNTED WITH TRACTOR ABS, P. 18

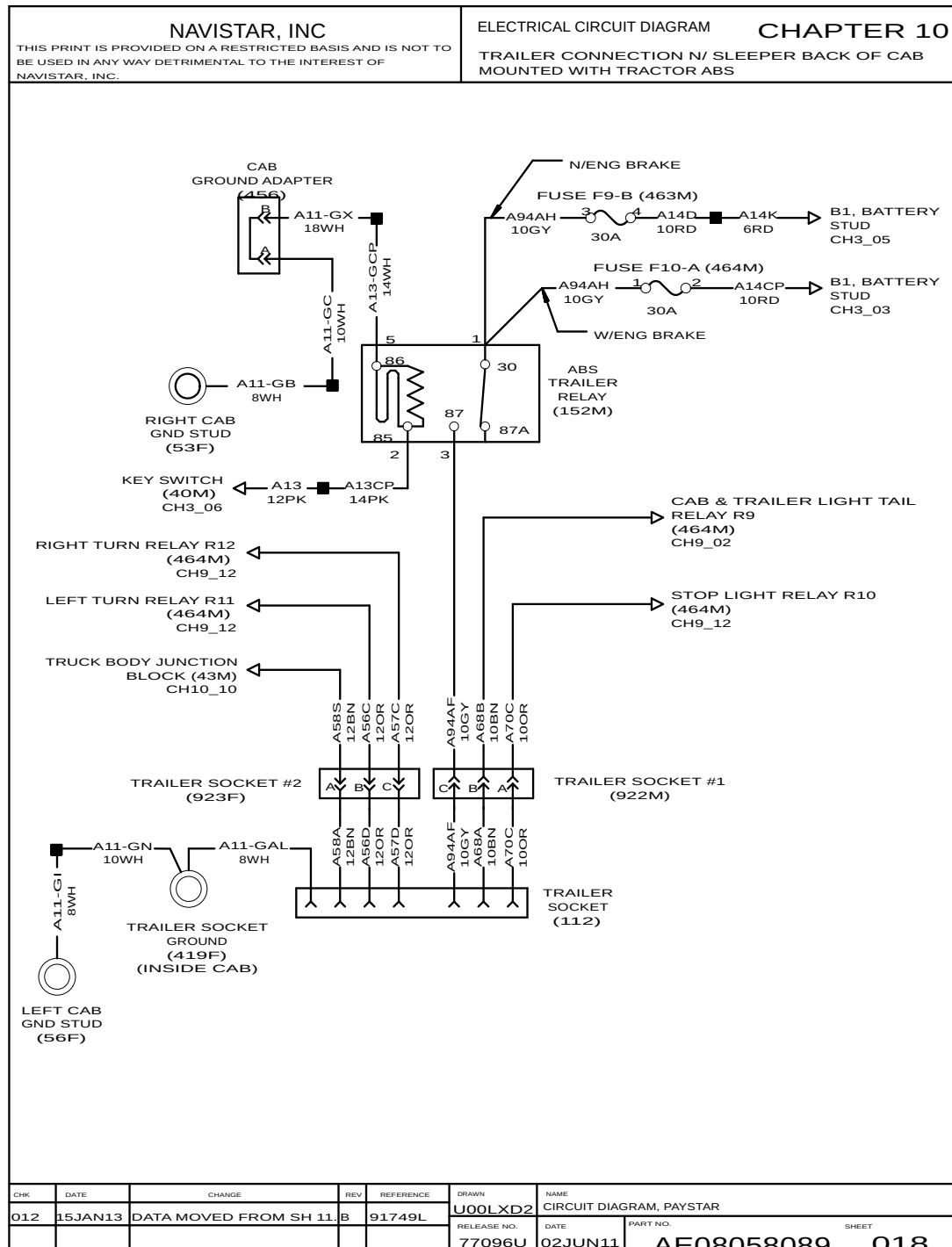


Figure 151 Trailer Connection without Sleeper Back of Cab Mounted with Tractor ABS

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.19. INTENTIONALLY LEFT BLANK, P. 19

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GEOMETRY REMOVED									
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME			
012	18JAN13	GEOMETRY REMOVED.	B	91922L	U00LXD2	CIRCUIT DIAGRAM, PAYSTAR			
					RELEASE NO.	DATE	PART NO.	SHEET	
					77096U	02JUN11	AE08058089	019	

Figure 152 Intentionally Left Blank

10.20. INTENTIONALLY LEFT BLANK, P. 20

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GEOMETRY REMOVED									
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME			
012	18JAN13	GEOMETRY REMOVED.	B	91922L	U00LXD2	CIRCUIT DIAGRAM, PAYSTAR			
					RELEASE NO.	DATE	PART NO.	SHEET	
					77096U	31MAY11	AE08058089	020	

Figure 153 Intentionally Left Blank

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.21. INTENTIONALLY LEFT BLANK, P. 21

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GEOMETRY REMOVED														
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME								
012	18JAN13	GEOMETRY REMOVED.	B	91922L	U00LXD2	CIRCUIT DIAGRAM, PAYSTAR								
					RELEASE NO.	DATE	PART NO.	SHEET						
					77096U	01JUN11	AE08058089	021						

Figure 154 Intentionally Left Blank

10.22. INTENTIONALLY LEFT BLANK, P. 22

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GEOMETRY REMOVED											
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME CIRCUIT DIAGRAM, PAYSTAR					
		GEOMETRY REMOVED.				RELEASE NO.	DATE	PART NO.	SHEET		
								AE08058089	022		

Figure 155 Intentionally Left Blank

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.23. APADS MODULE FOR ISX 2013 ENGINES, P. 23

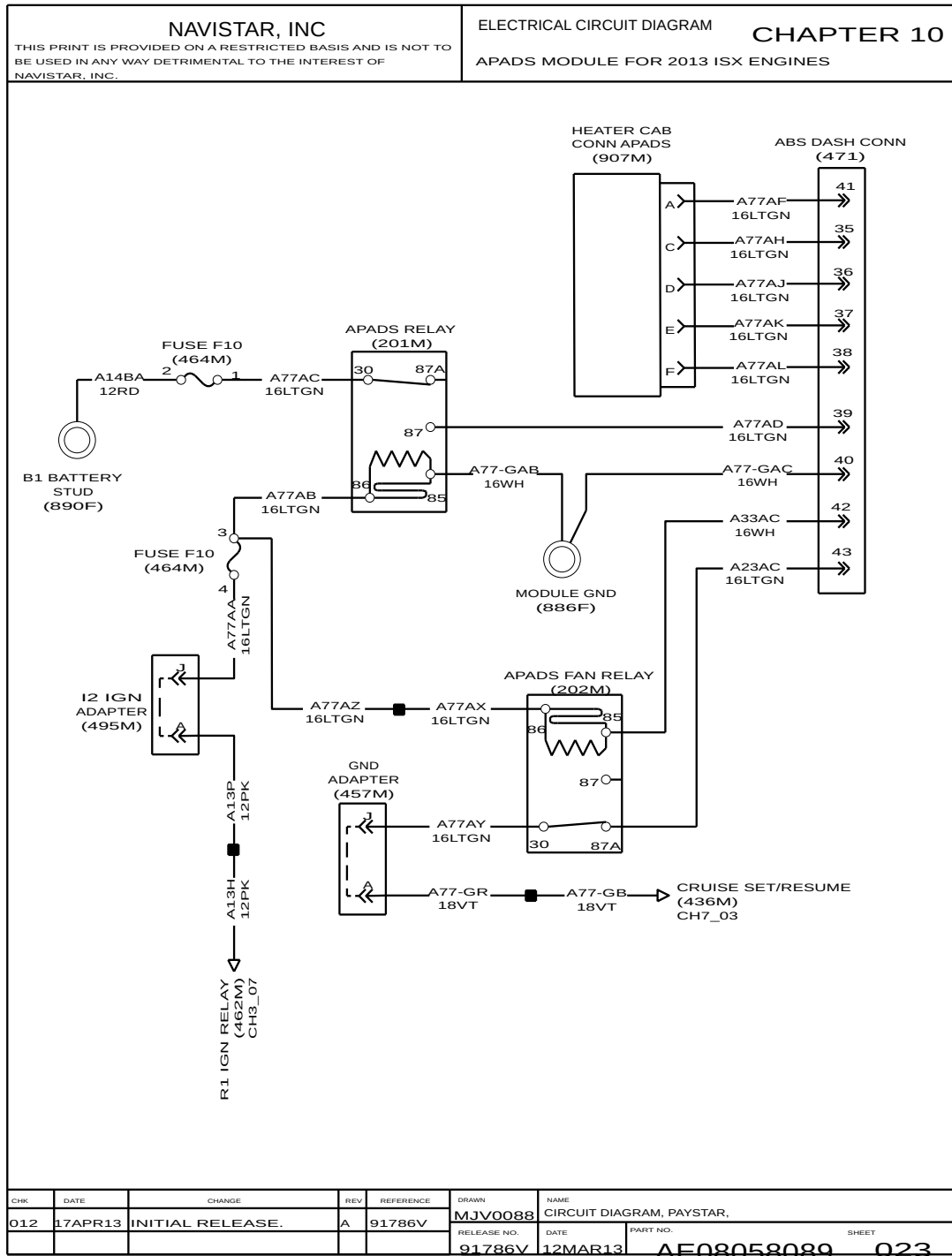


Figure 156 APADS Module for ISX 2013 Engines

10.24. BODY BUILDER CONNECTIONS WITH IBB ENG (SCR EFFECTS), P. 24

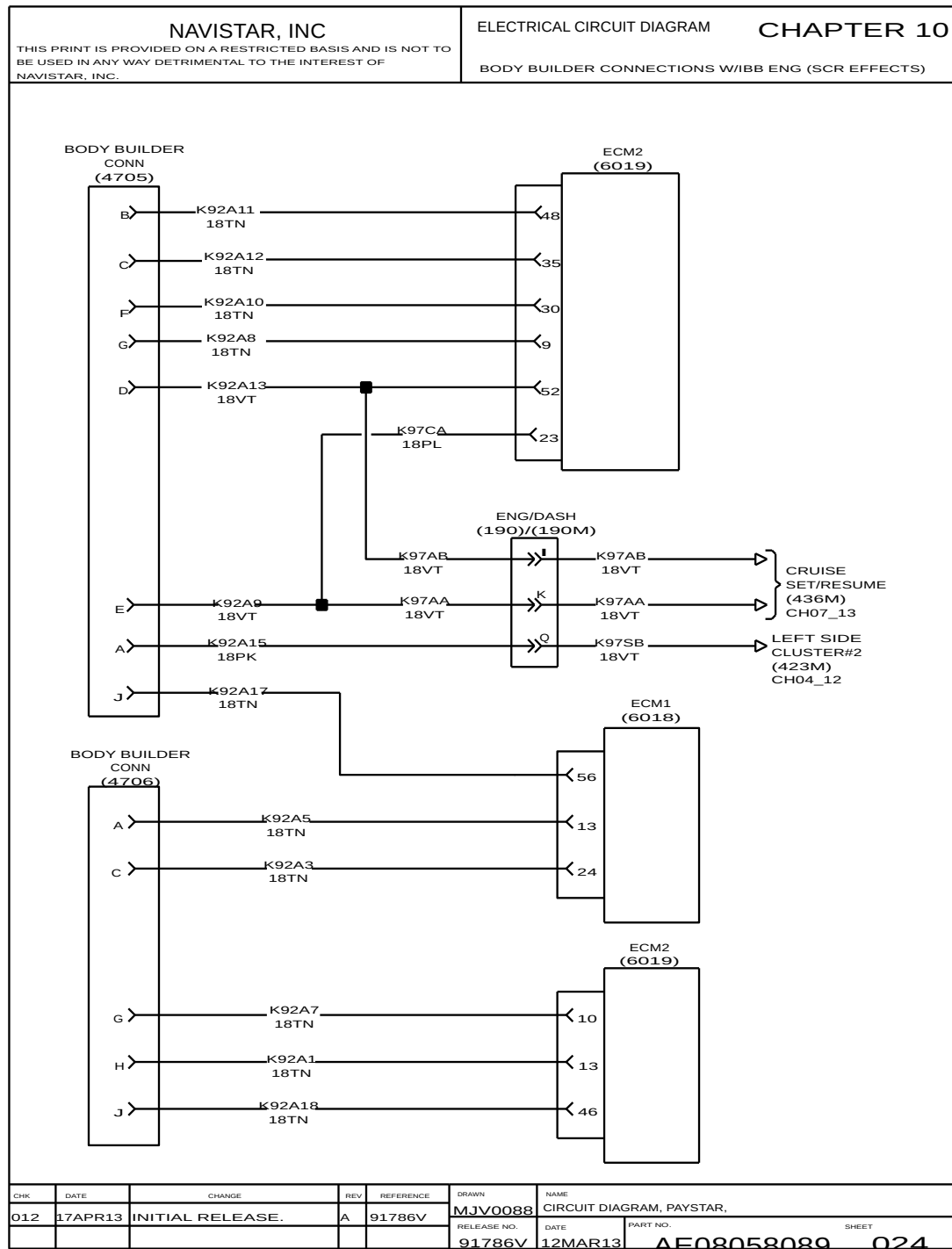


Figure 157 Body Builder Connections with IBB ENG (SCR Effects)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.25. BODY BUILDER CONNECTIONS WITH 15L ENG (ISX 2013), P. 25

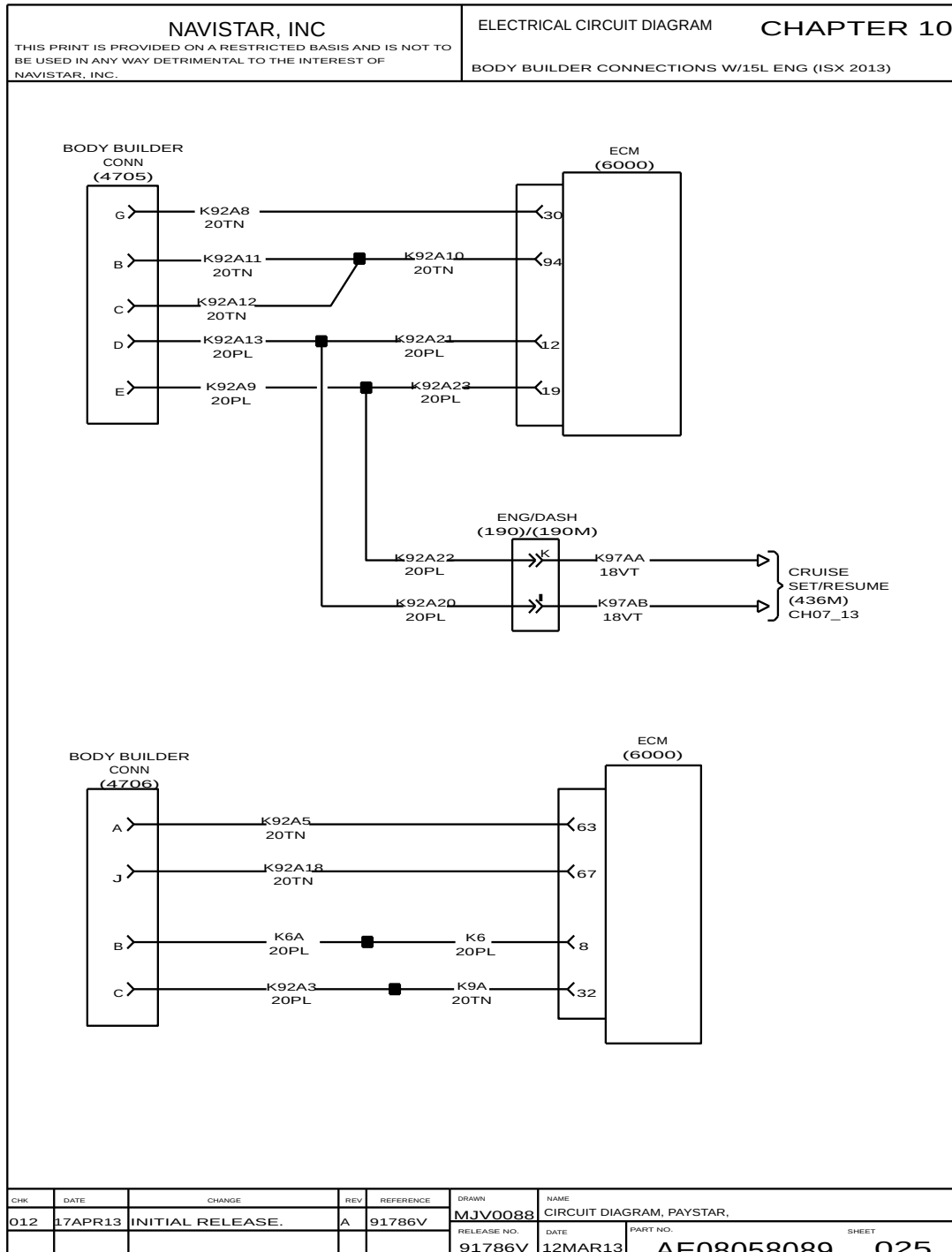


Figure 158 Body Builder Connections with 15L ENG (ISX 2013)

10.26. TRI AXLE DIFFERENTIAL LOCK, P. 26

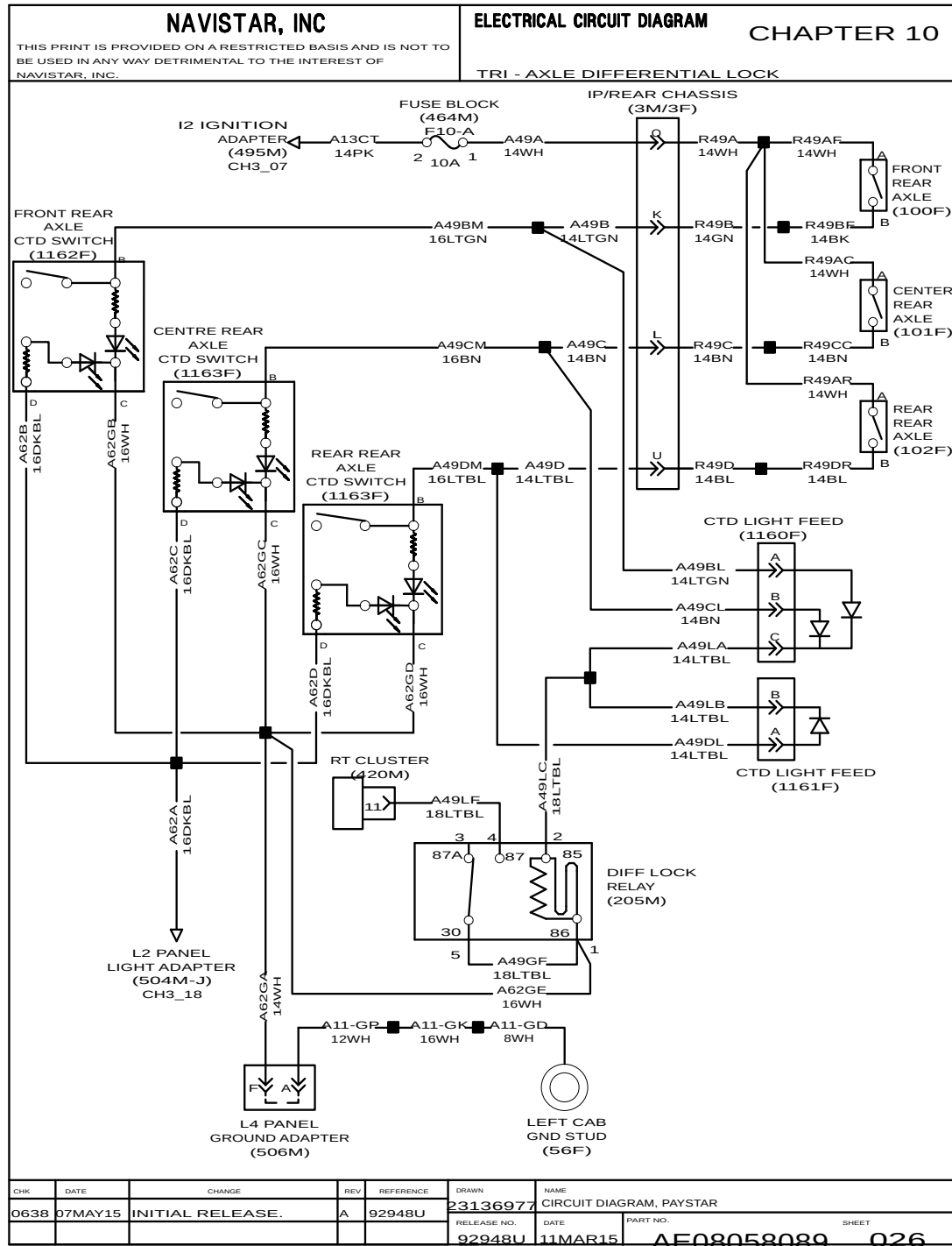


Figure 159 Tri Axle Differential Lock

ELECTRICAL CIRCUIT DIAGRAM MANUAL

TRANSMISSION CONTROL MODULE (CHAPTER 11)

11.1. ALLISON TRANSMISSION, P. 1

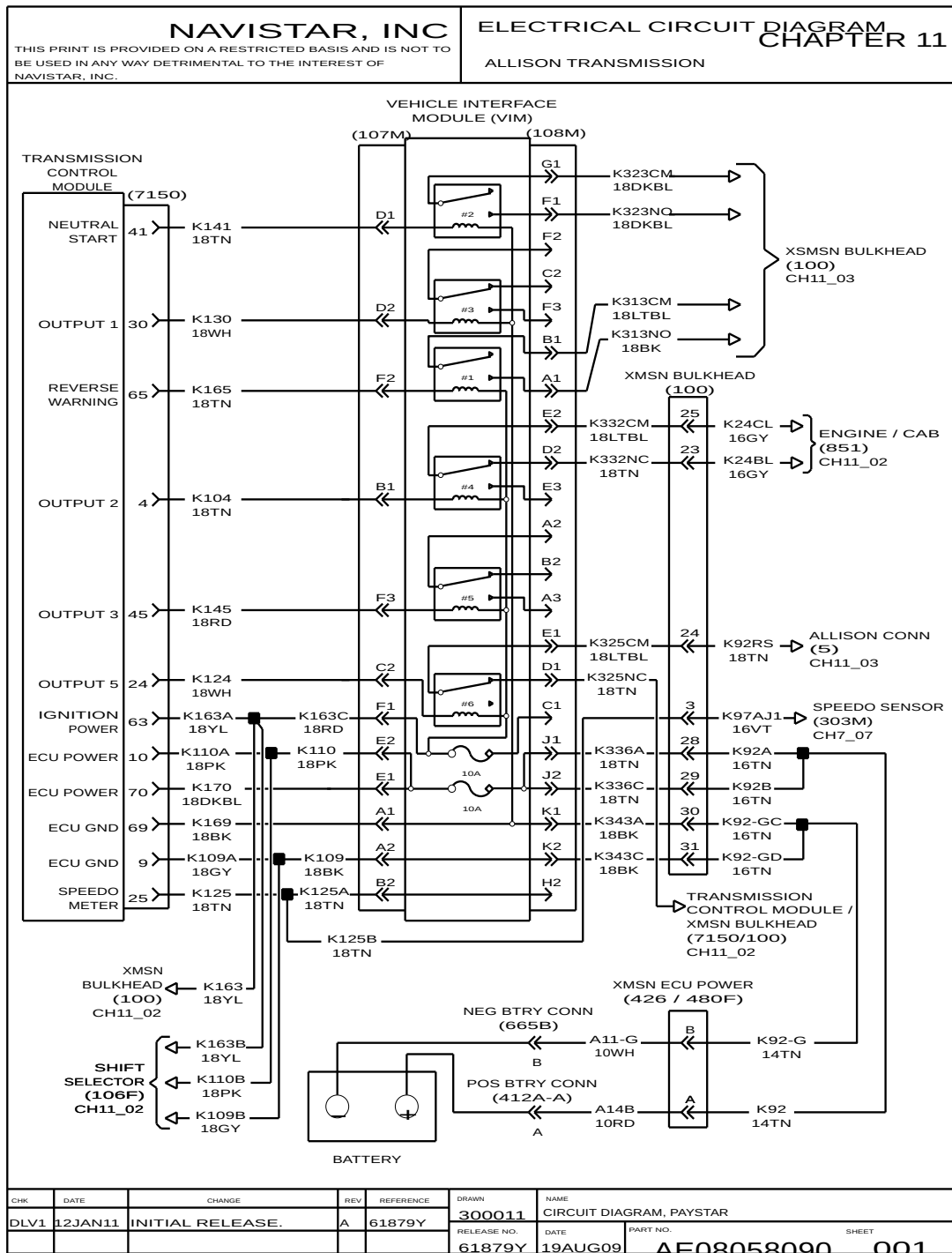


Figure 160 Allison Transmission

11.2. ALLISON TRANSMISSION (CONT.), P. 1A

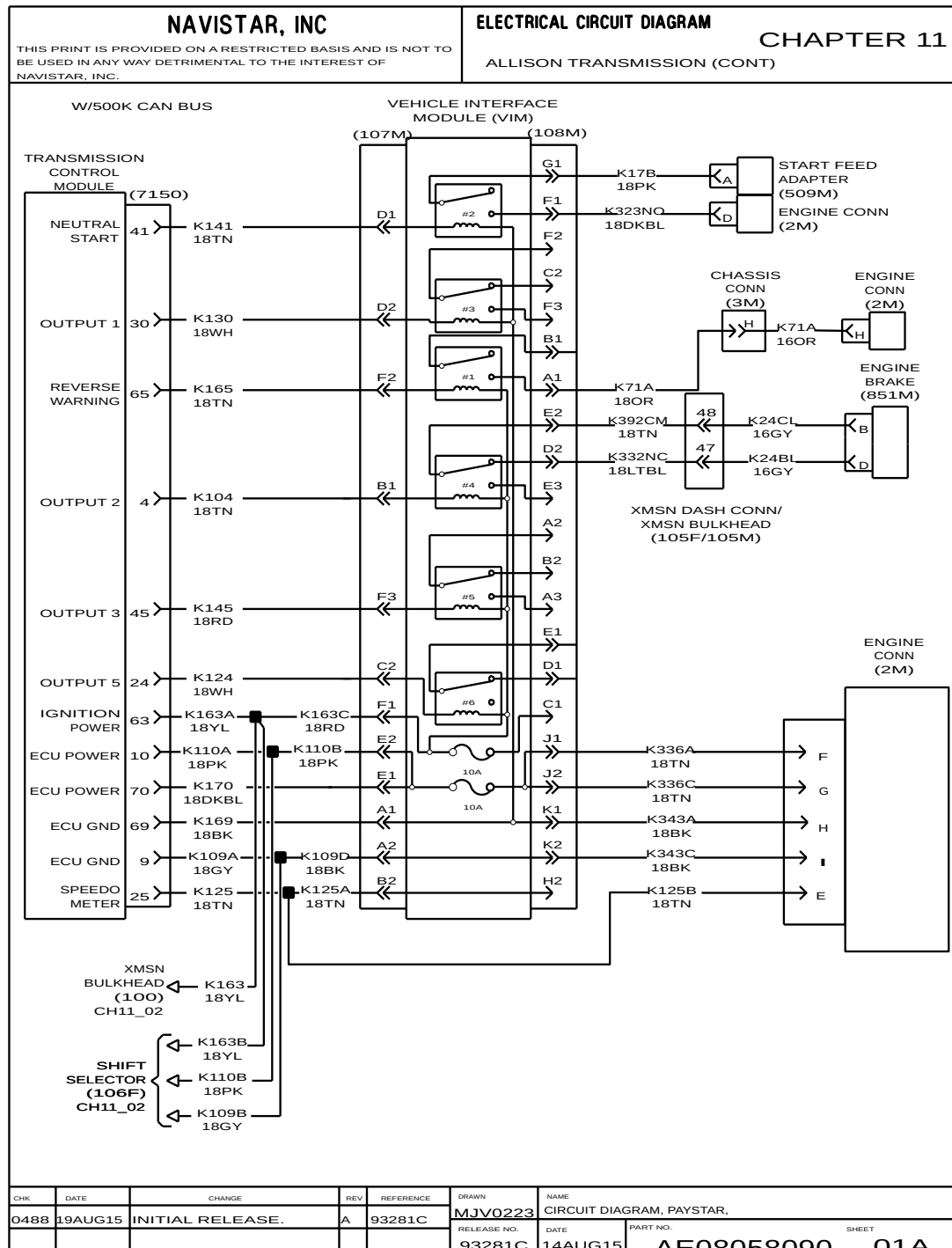


Figure 161 Allison Transmission (Cont.)

11.4. ALLISON TRANSMISSION (CONT.), P. 3

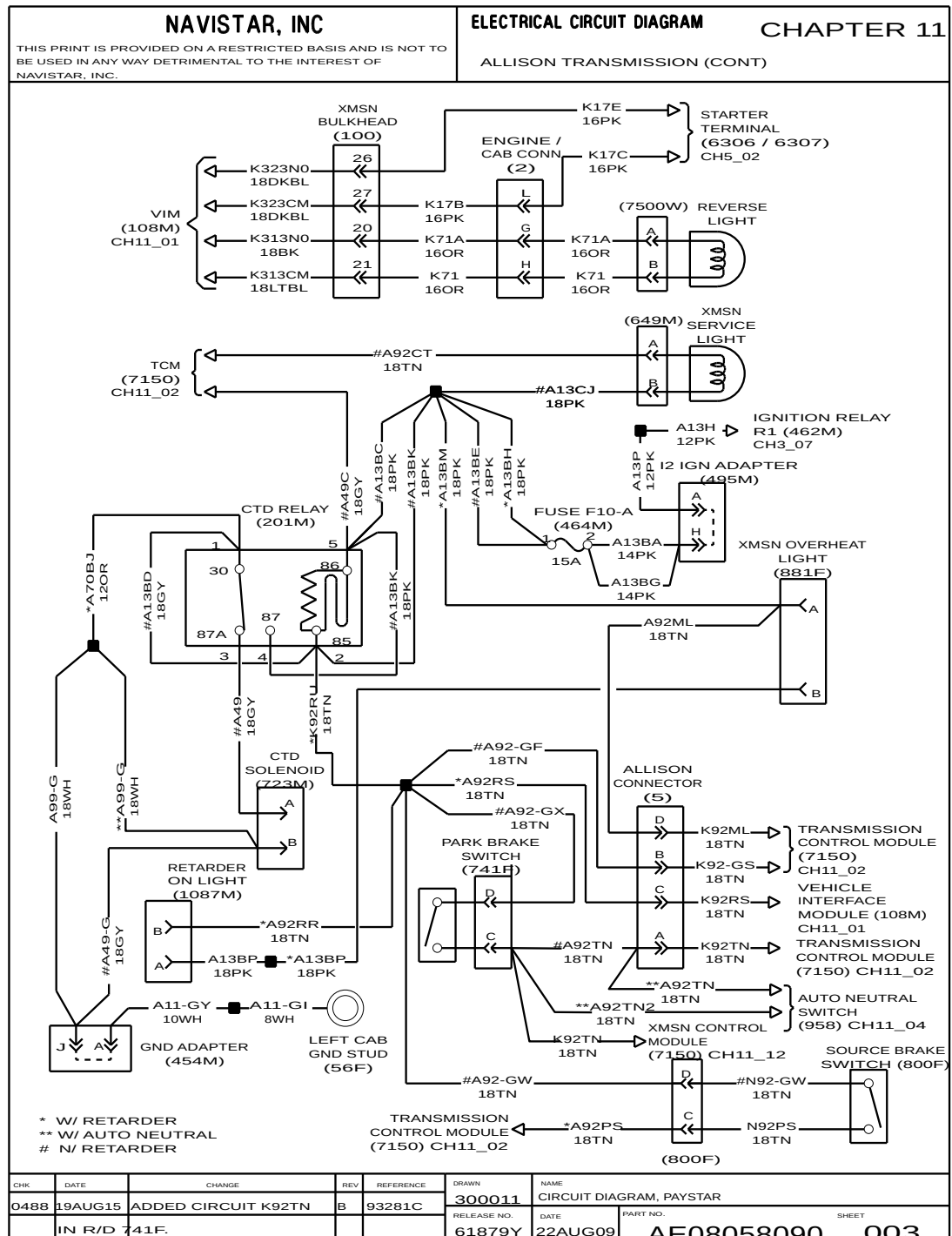


Figure 163 Allison Transmission (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

11.5. ALLISON TRANSMISSION (CONT.), P. 3A

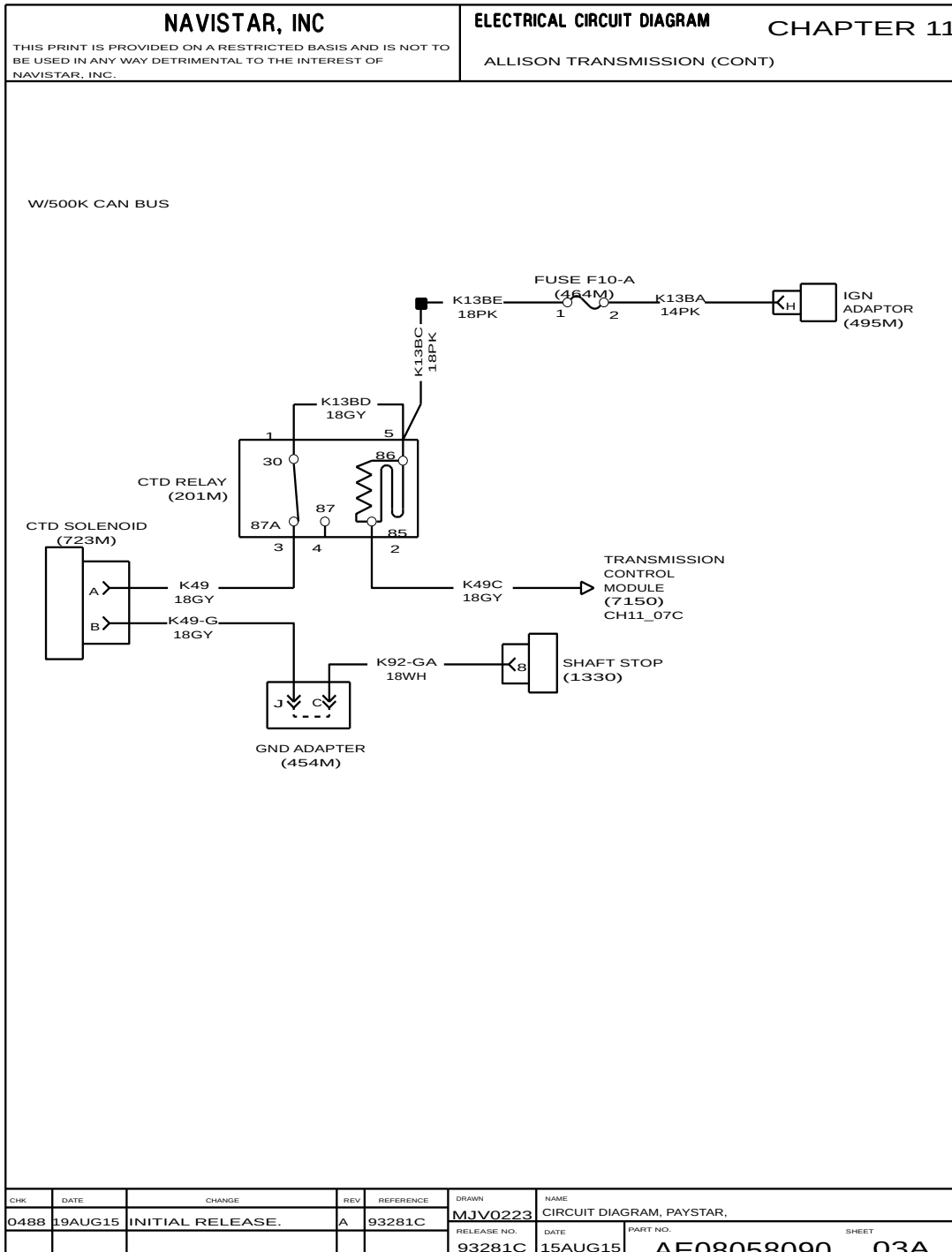


Figure 164 Allison Transmission (Cont.)

11.6. ALLISON TRANSMISSION WITH AUTO NEUTRAL, P. 4

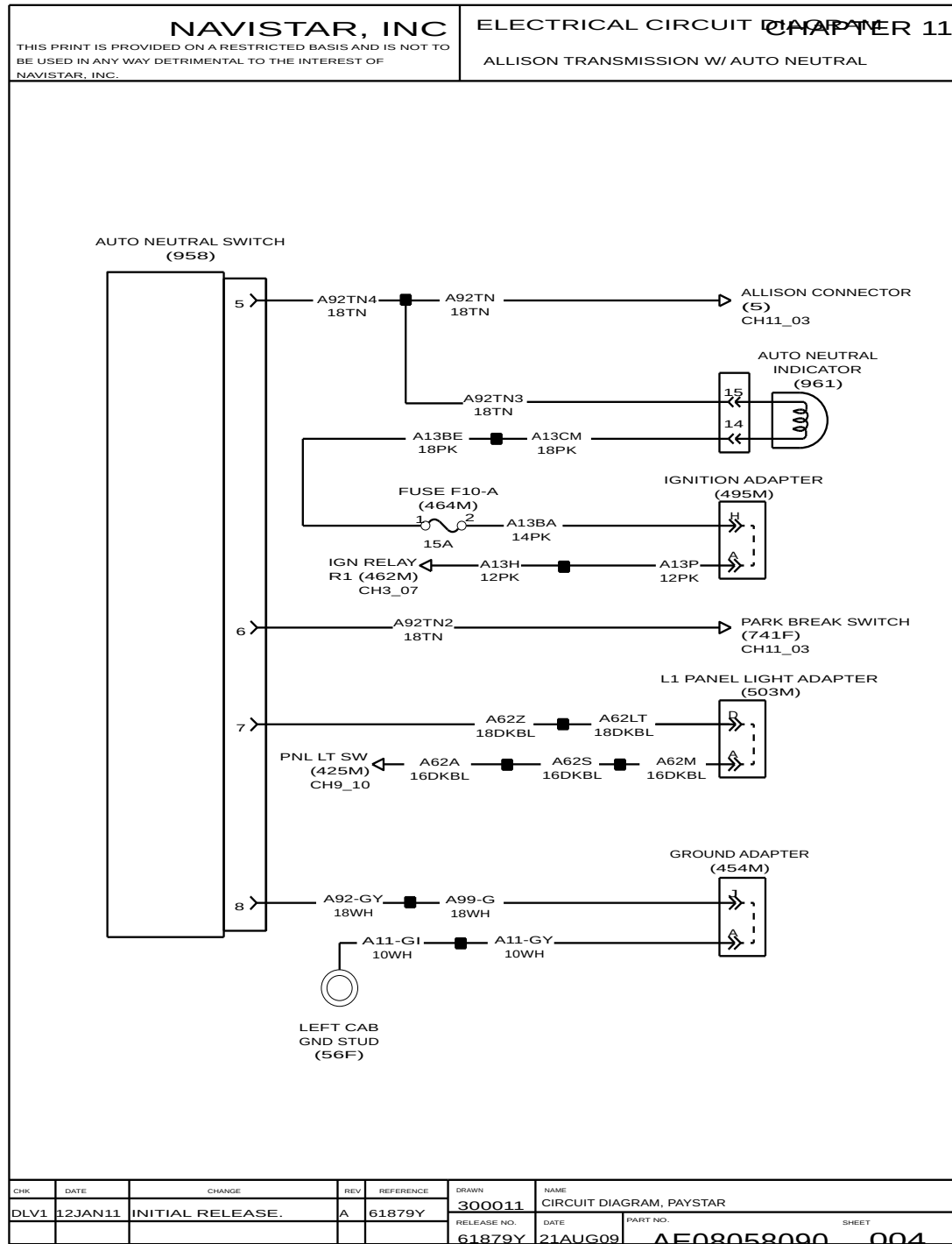


Figure 165 Allison Transmission with Auto Neutral

ELECTRICAL CIRCUIT DIAGRAM MANUAL

11.7. ALLISON TRANSMISSION WITH AUTO NEUTRAL (CONT.), P. 4A

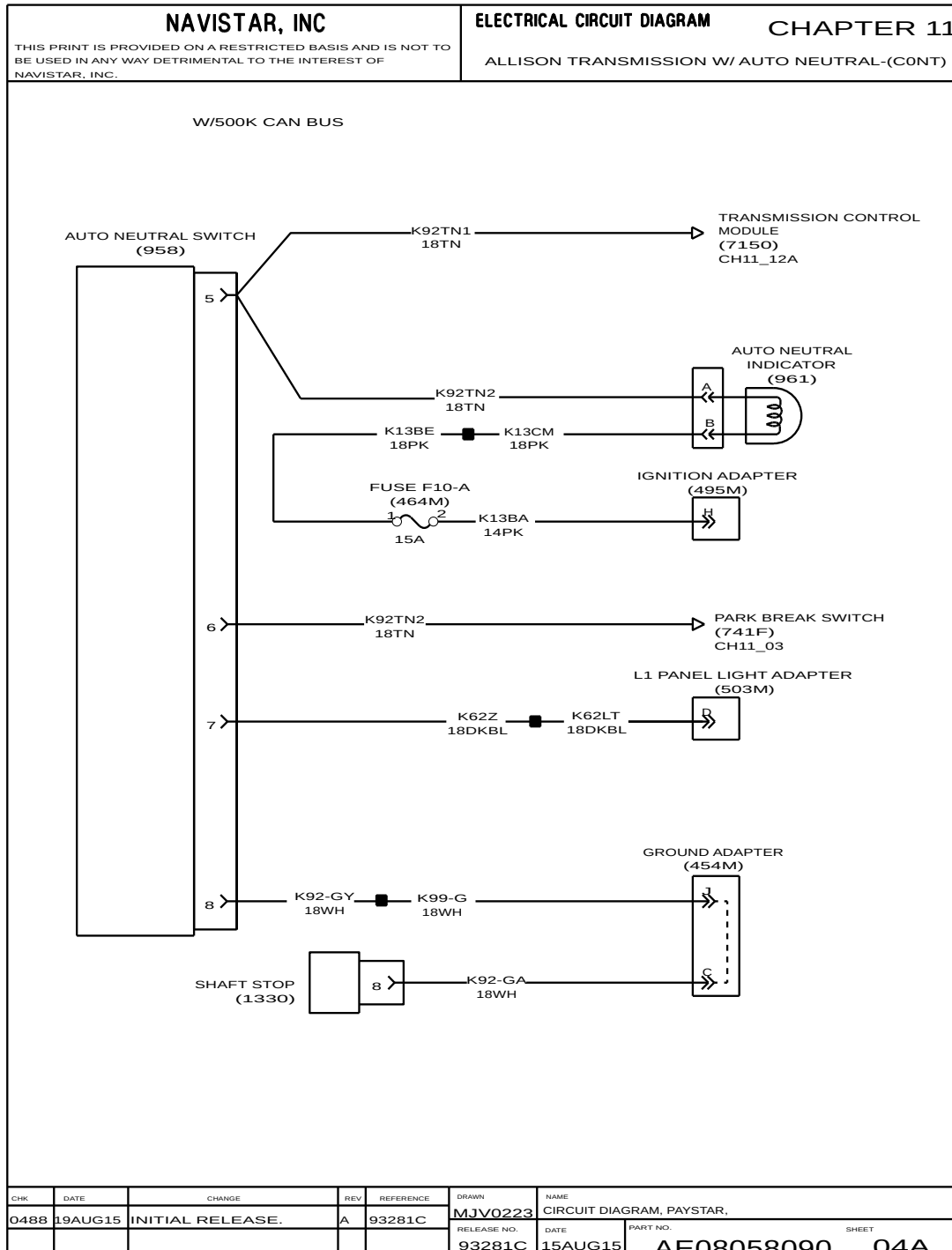


Figure 166 Allison Transmission with Auto Neutral (Cont.)

11.8. ALLISON TRANSMISSION WITH RETARDER, P. 5

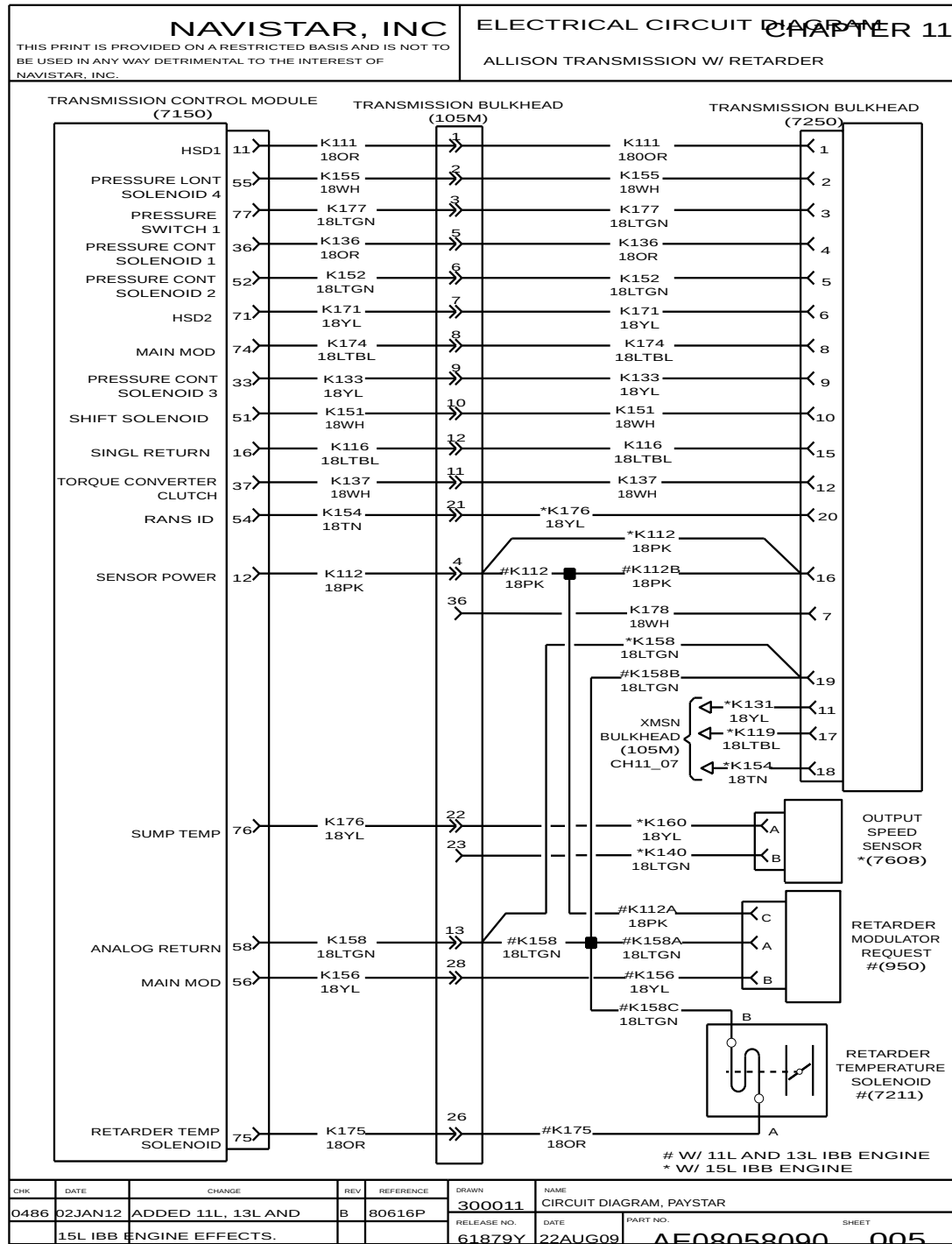


Figure 167 Allison Transmission with Retarder

ELECTRICAL CIRCUIT DIAGRAM MANUAL

11.9. ALLISON TRANSMISSION WITH RETARDER (CONT.), P. 6

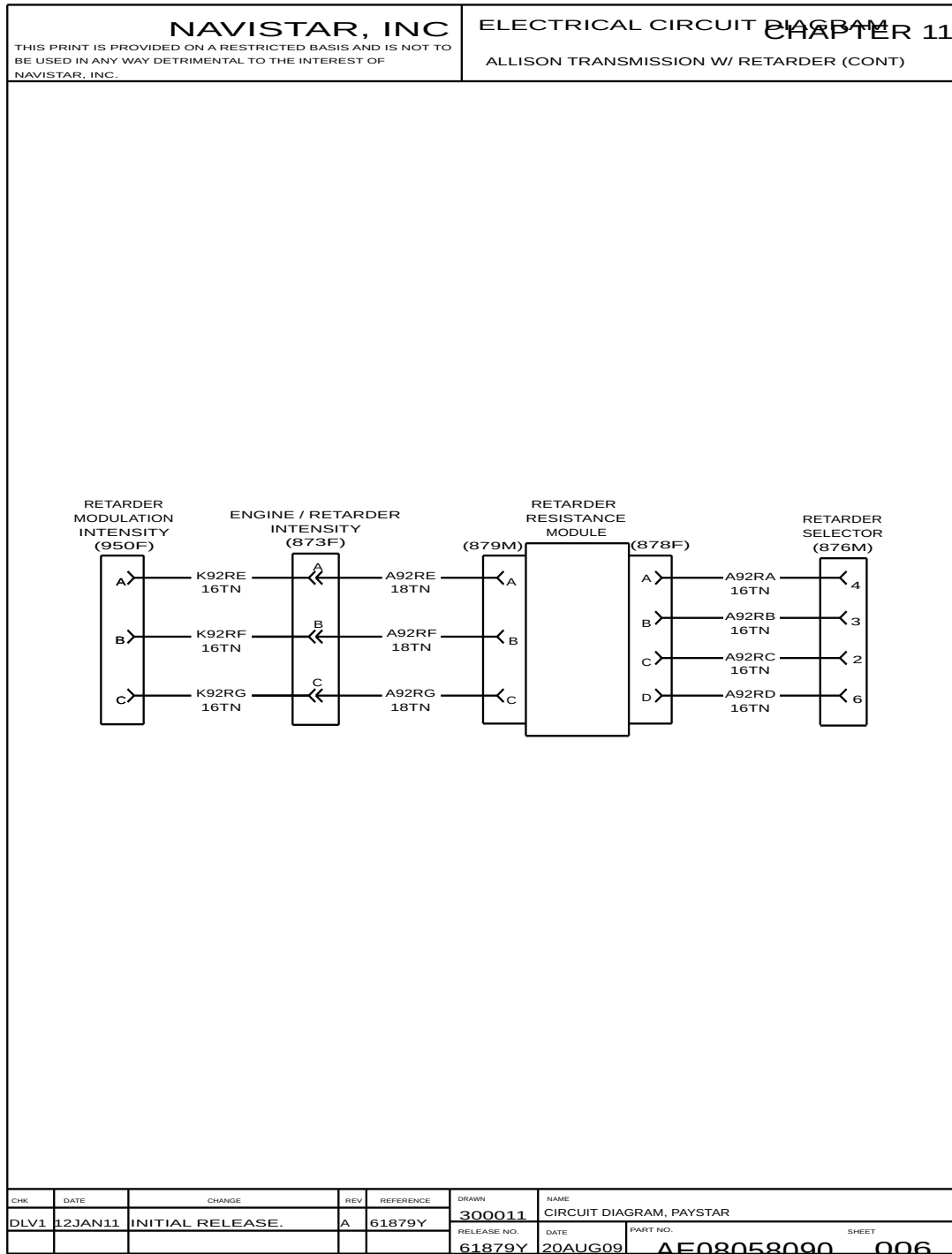


Figure 168 Allison Transmission with Retarder (Cont.)

11.10. ALLISON TRANSMISSION WITH RETARDER (CONT.), P. 7

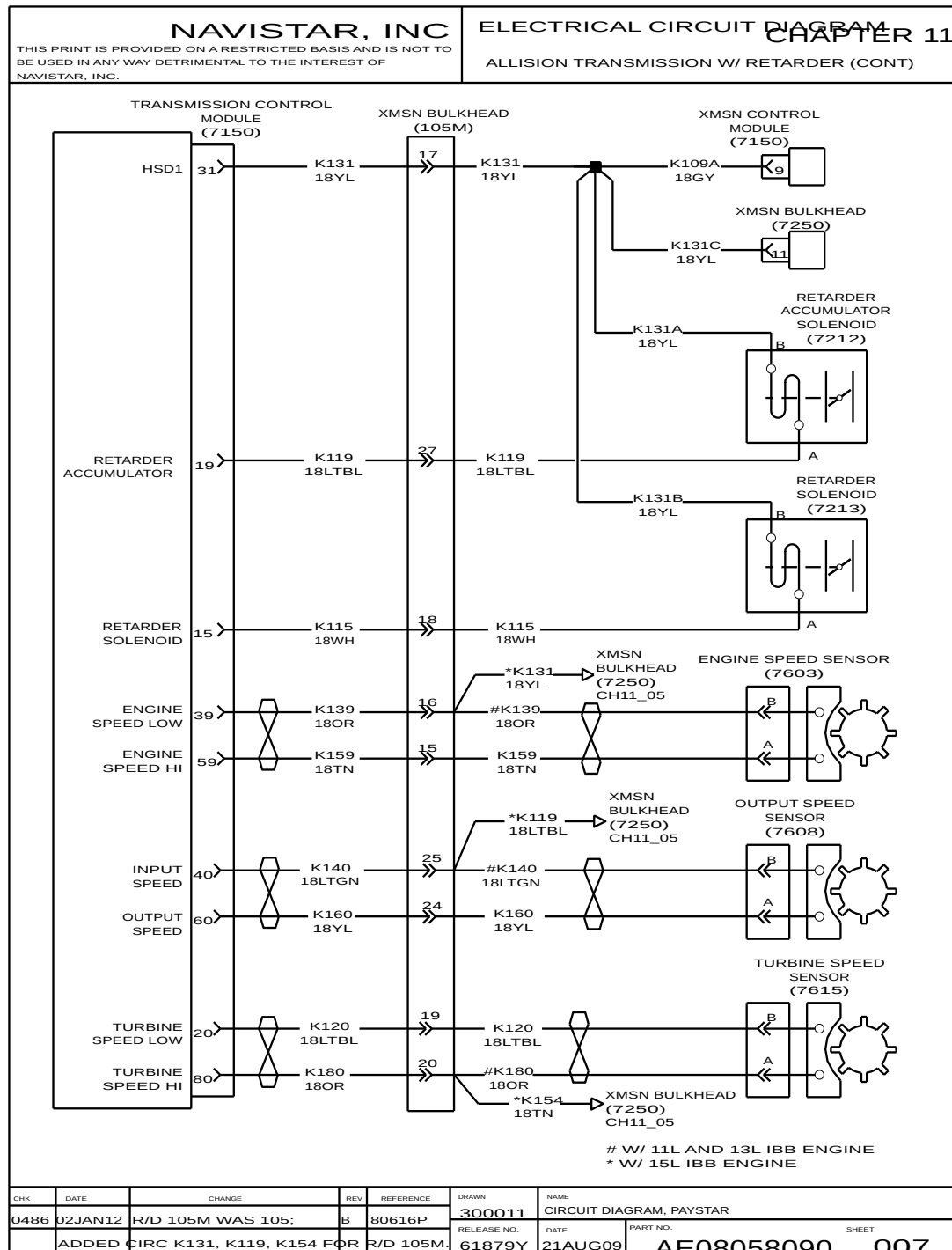


Figure 169 Allison Transmission with Retarder (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

11.11. ALLISON TRANSMISSION WITH RETARDER (CONT.), P. 7A

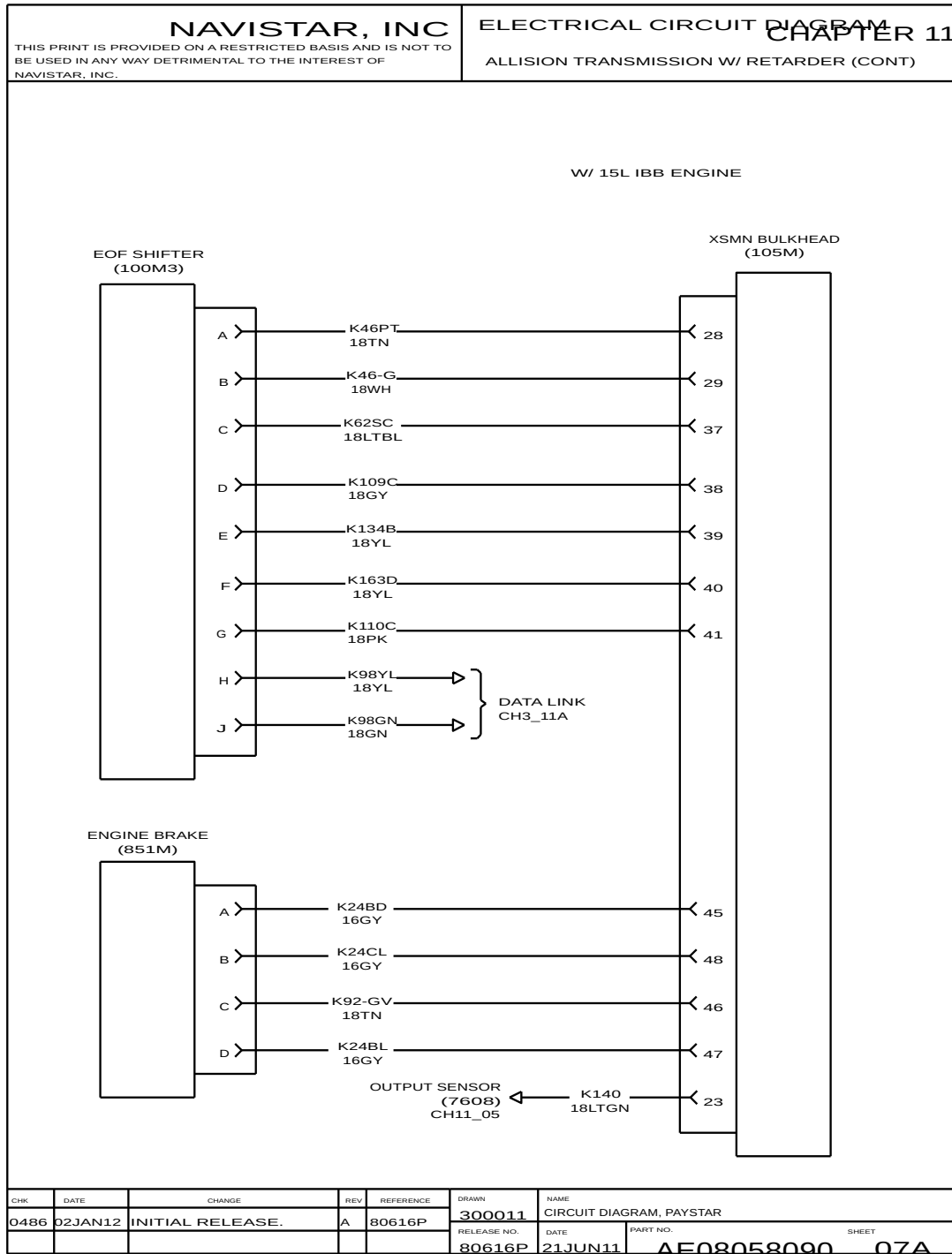


Figure 170 Allison Transmission with Retarder (Cont.)

11.12. ALLISON TRANSMISSION WITH RETARDER (CONT.), P. 7B

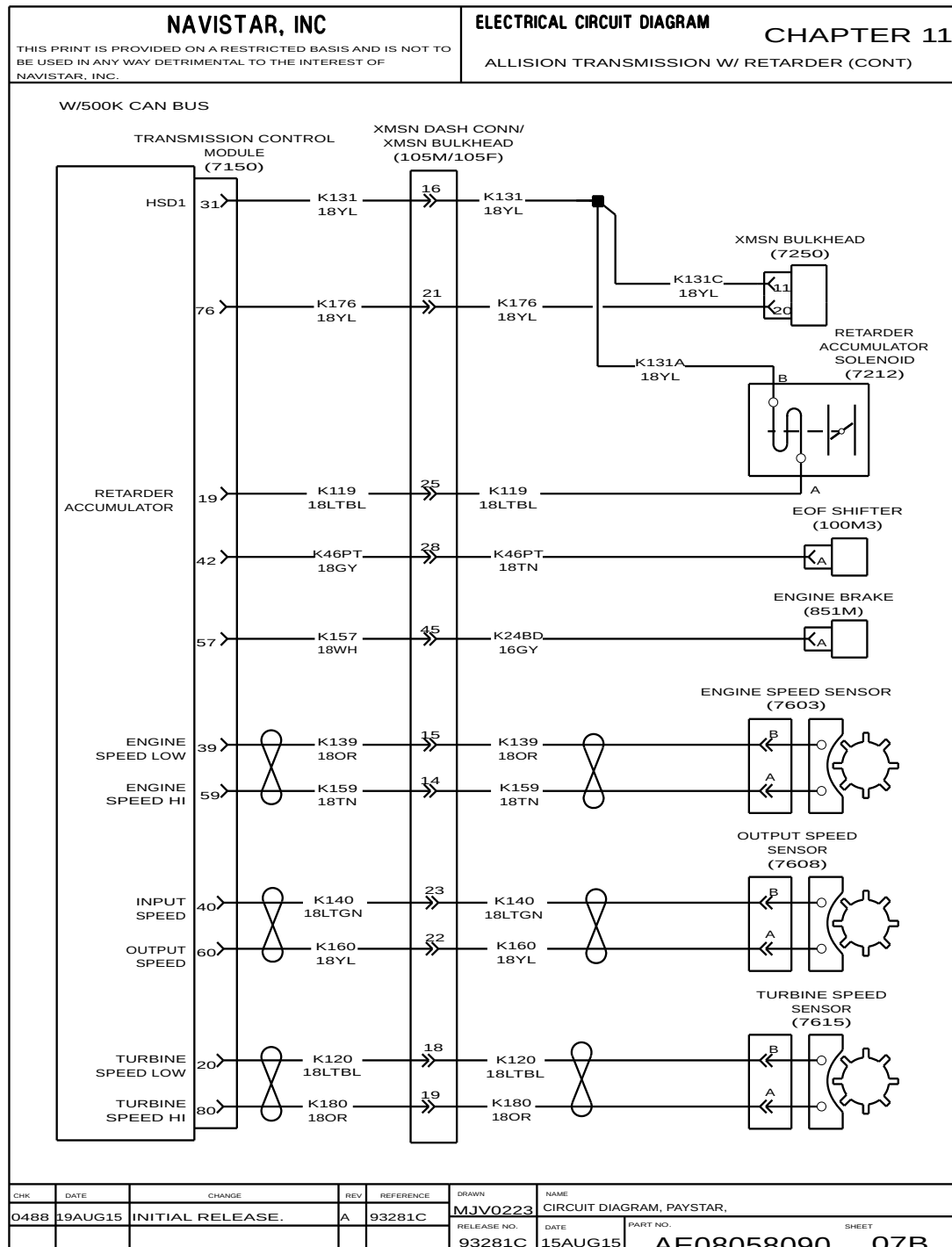


Figure 171 Allison Transmission with Retarder (Cont.)

11.14. ALLISON TRANSMISSION WITH RETARDER (CONT.), P. 7D

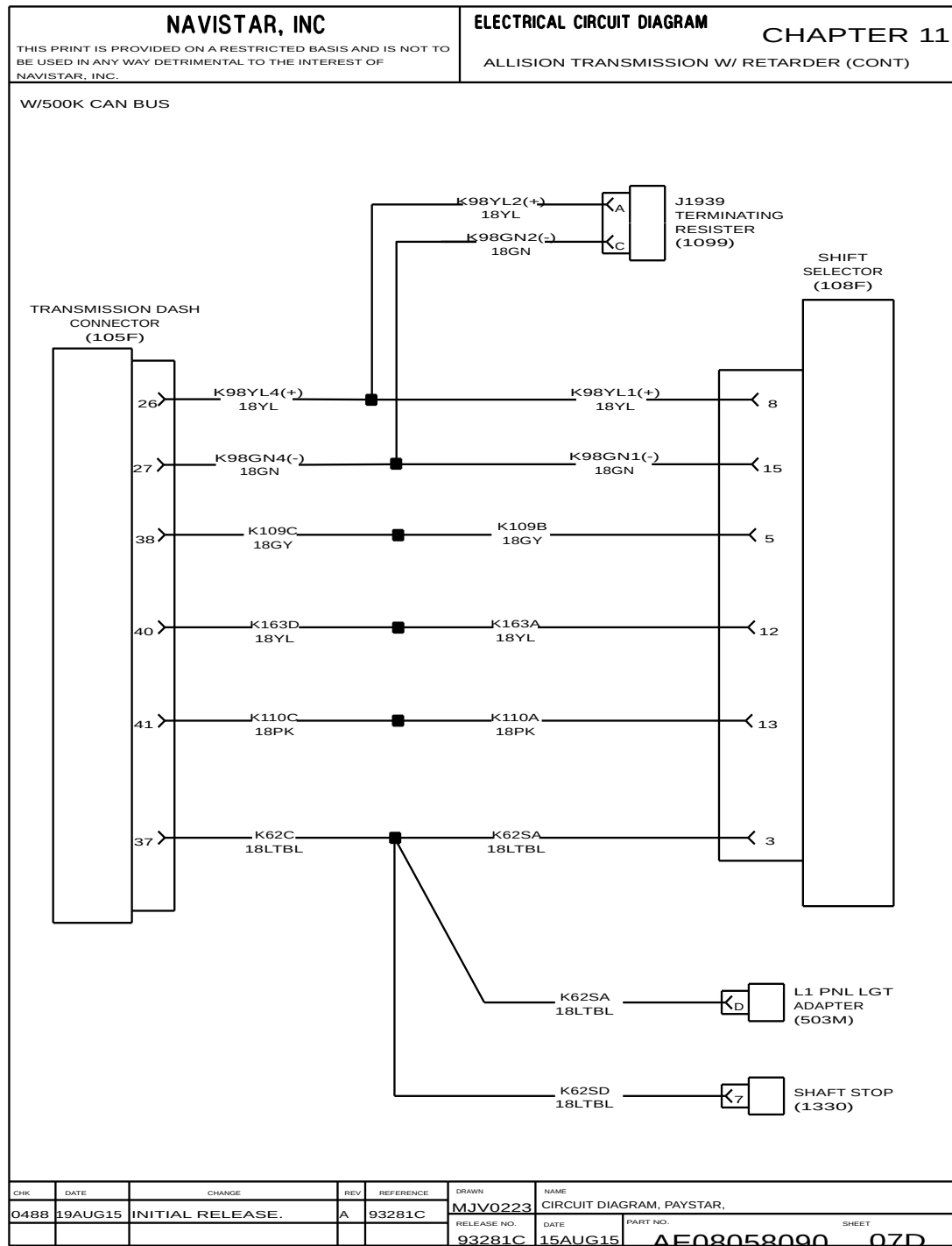


Figure 173 Allison Transmission with Retarder (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

11.15. EATON ULTRASHIFT GEN III TRANSMISSION, P. 8

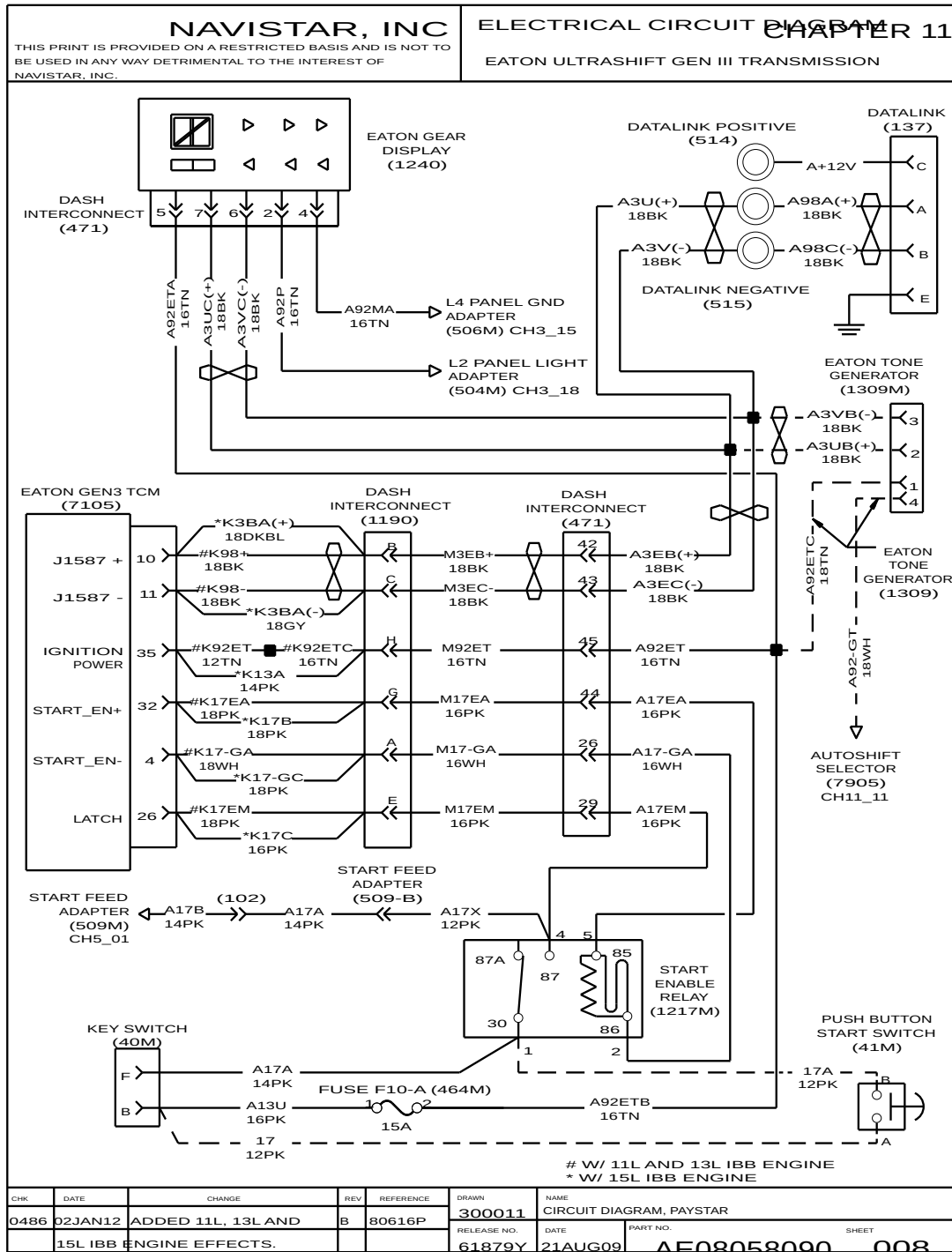


Figure 174 Eaton Ultrashift GEN III Transmission

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 11

EATON ULTRASHIFT PLUS GEN III TRANSMISSION

EATON GEAR DISPLAY (1240)

DASH INTERCONNECT (471)

EATON GEN3 TCM (7105)

DASH INTERCONNECT (1190)

DASH INTERCONNECT (471)

EATON COBRA SHIFT LEVER (1308M)

EATON TONE GENERATOR (1309M)

START FEED ADAPTER (509M)

START ENABLE RELAY (201M)

KEY SWITCH (40M)

PUSH BUTTON START SWITCH (41M)

***W/ PUSH BUTTON
#W/ COBRA SHIFTER**

FUSE F10-A (464M)

A17X 14PK

A13U 16PK

A17 12PK

A92ETB 16TN

A92ETA 16TN

A3UC(+) 18BK

A3VC(-) 18BK

A92P 16TN

A92MA 16TN

A92ET 16TN

K98+ 18BK

K98- 18BK

K92ET 12TN

K17EA 18PK

K17-GA 18WH

K17EM 18PK

A17EA 16PK

A17-GA 16WH

A17EM 16PK

A3EB(+) 18BK

A3EB(-) 18BK

A3EC(-) 18BK

A3VB(-) 18BK

A3UB(+) 18BK

A92ELB 18TN

A92ETC 18TN

A+12V

DATALINK POSITIVE (514)

DATALINK NEGATIVE (515)

DATALINK (137)

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	PART NO.	SHEET
DLK8	10NOV11	INITIAL RELEASE.	A	78356H	300371	CIRCUIT DIAGRAM, PAYSTAR	A508058000	08A
					78356H	08APR11		

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ELECTRICAL CIRCUIT DIAGRAM MANUAL

11.17. EATON ULTRASHIFT GEN III TRANSMISSION (CONT.), P. 9

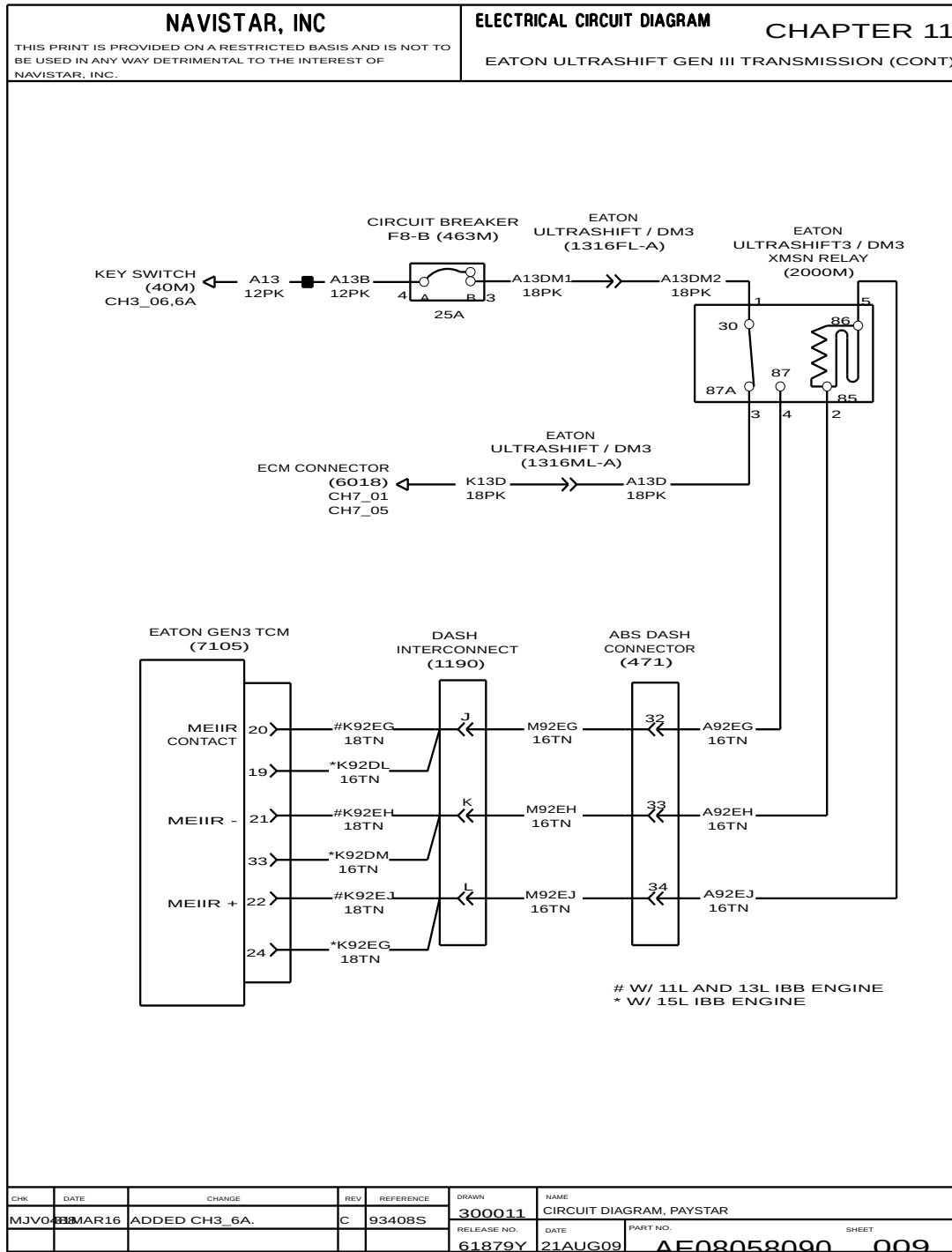


Figure 176 Eaton Ultrashift GEN III Transmission (Cont.)

11.18. EATON ULTRASHIFT PLUS GEN III TRANSMISSION (CONT.), P. 9A

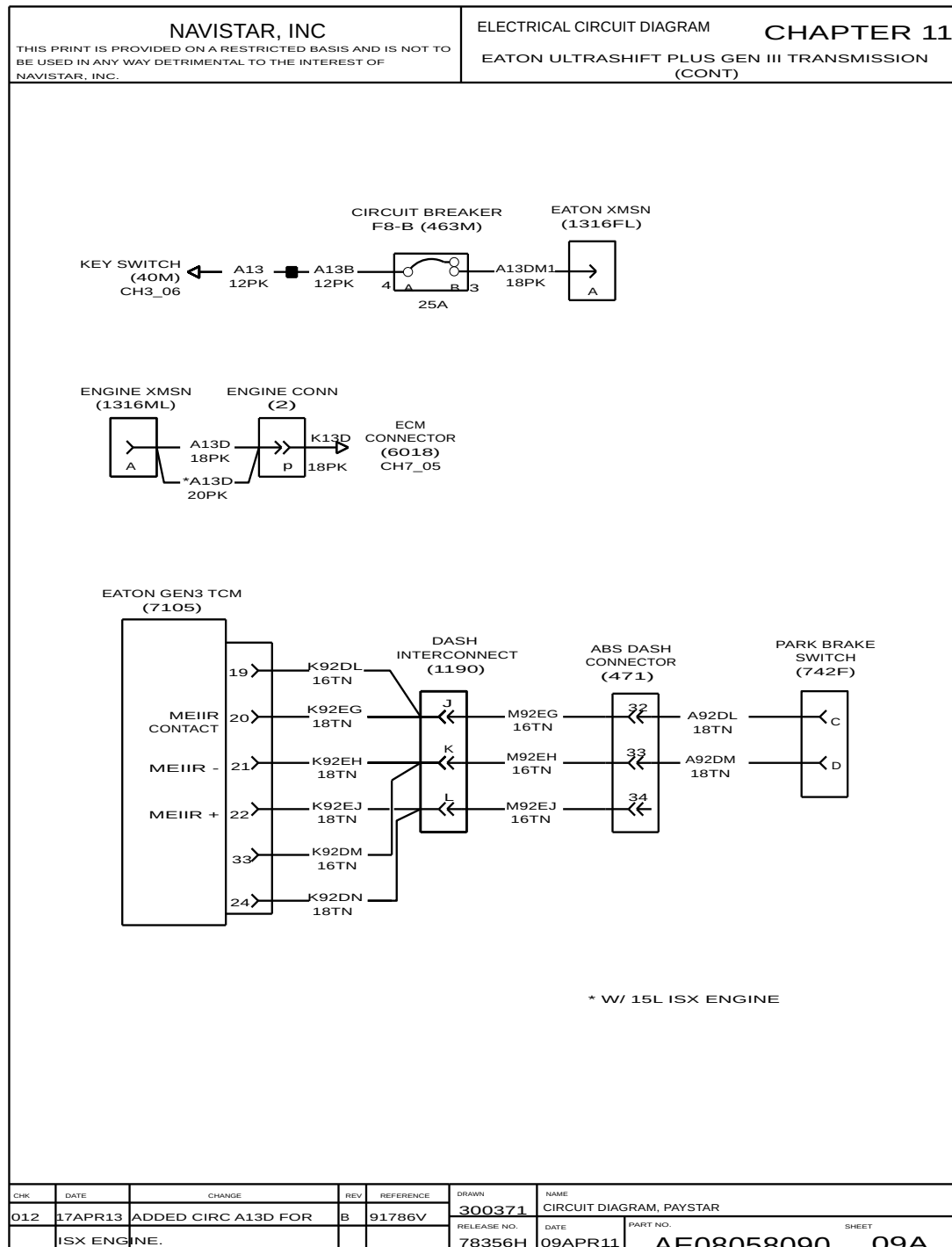


Figure 177 Eaton Ultrashift Plus GEN III Transmission (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

11.19. EATON ULTRASHIFT GEN III WITH PUSHBUTTON SHIFT, P. 10

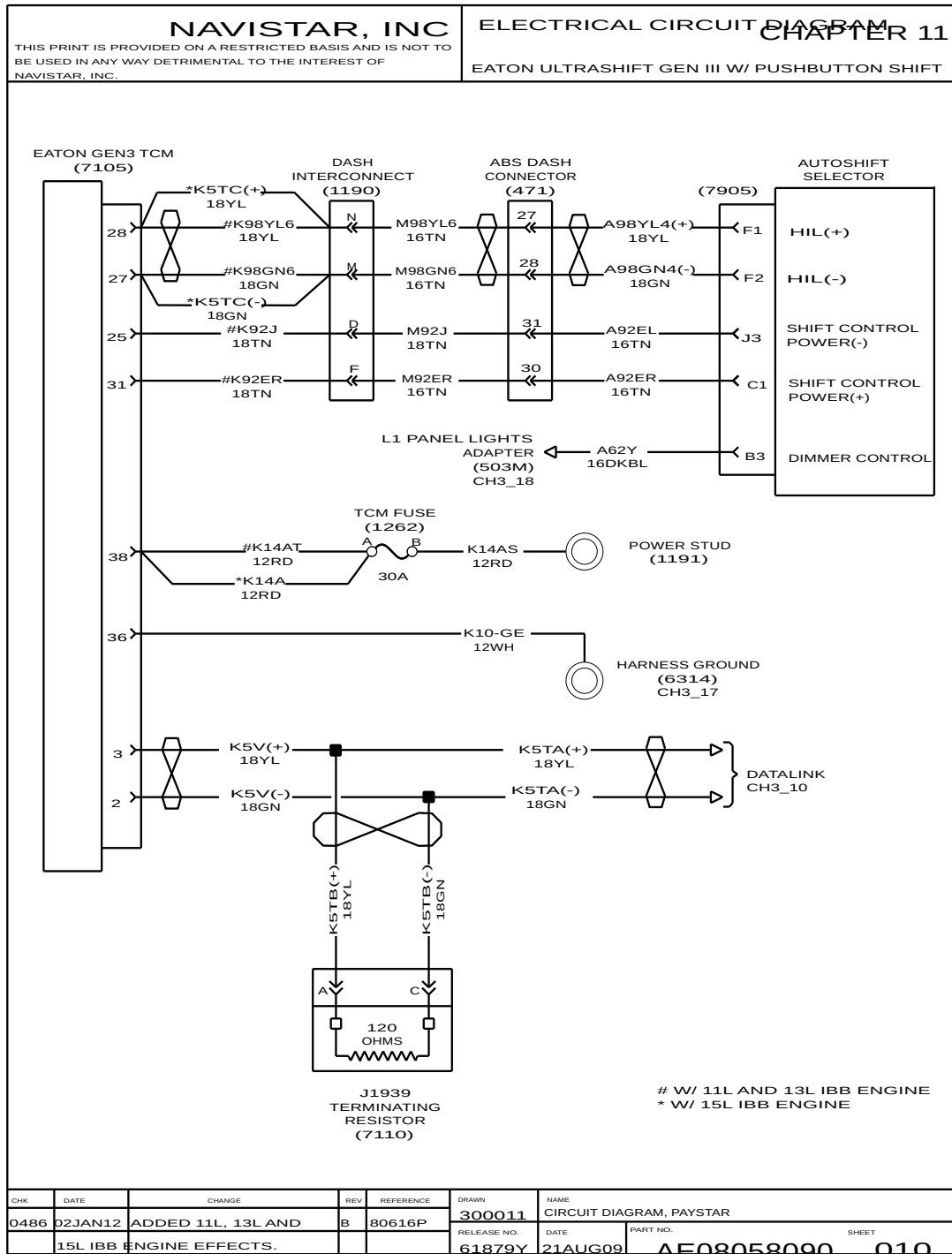


Figure 178 Eaton Ultrashift GEN III with Pushbutton Shift

11.20. EATON ULTRASHIFT GEN III WITH PUSHBUTTON SHIFT, P. 10A

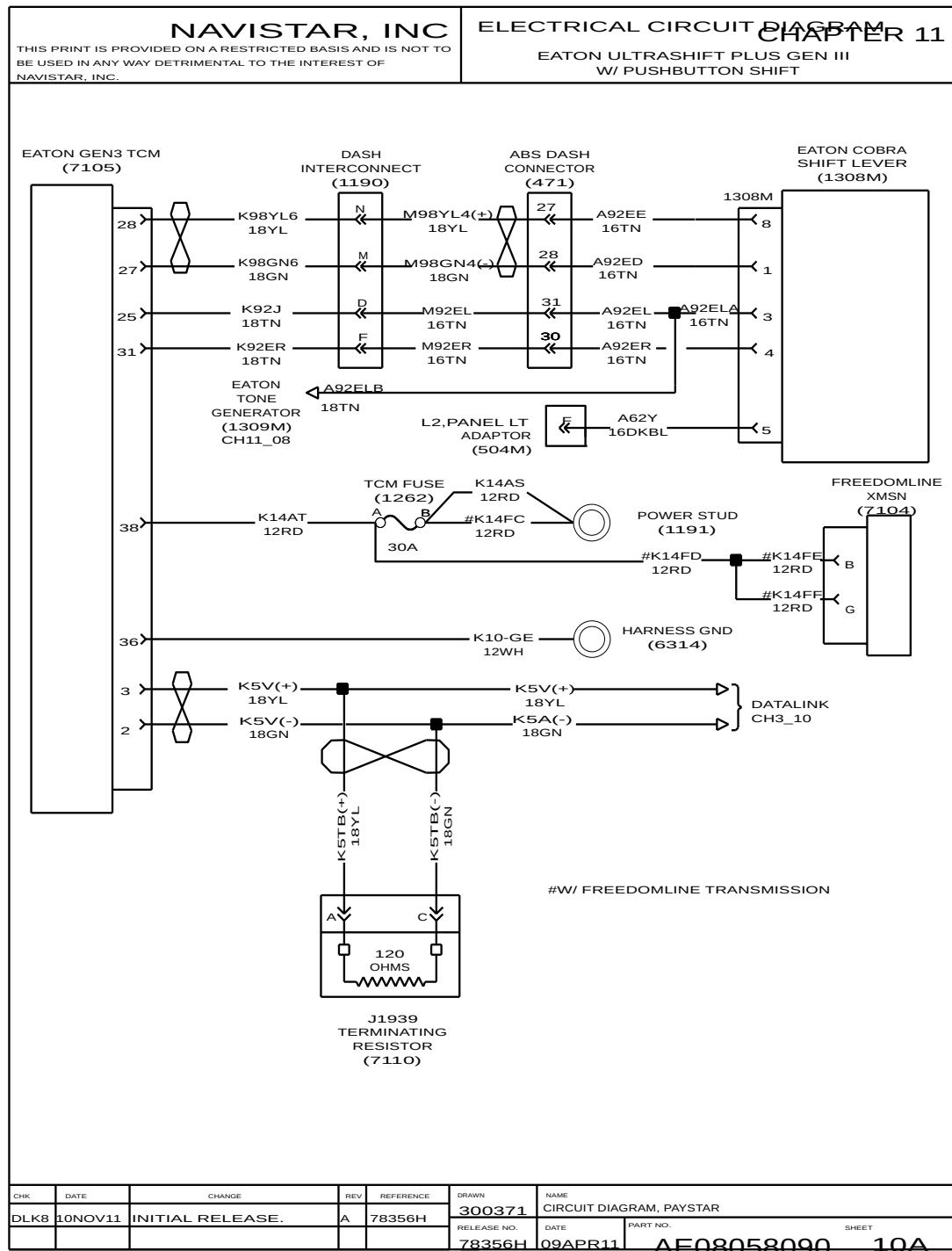


Figure 179 Eaton Ultrashift GEN III with Pushbutton Shift

ELECTRICAL CIRCUIT DIAGRAM MANUAL

11.21. AUTOSHIFT GEN III WITH COBRA SHIFTER, P. 11

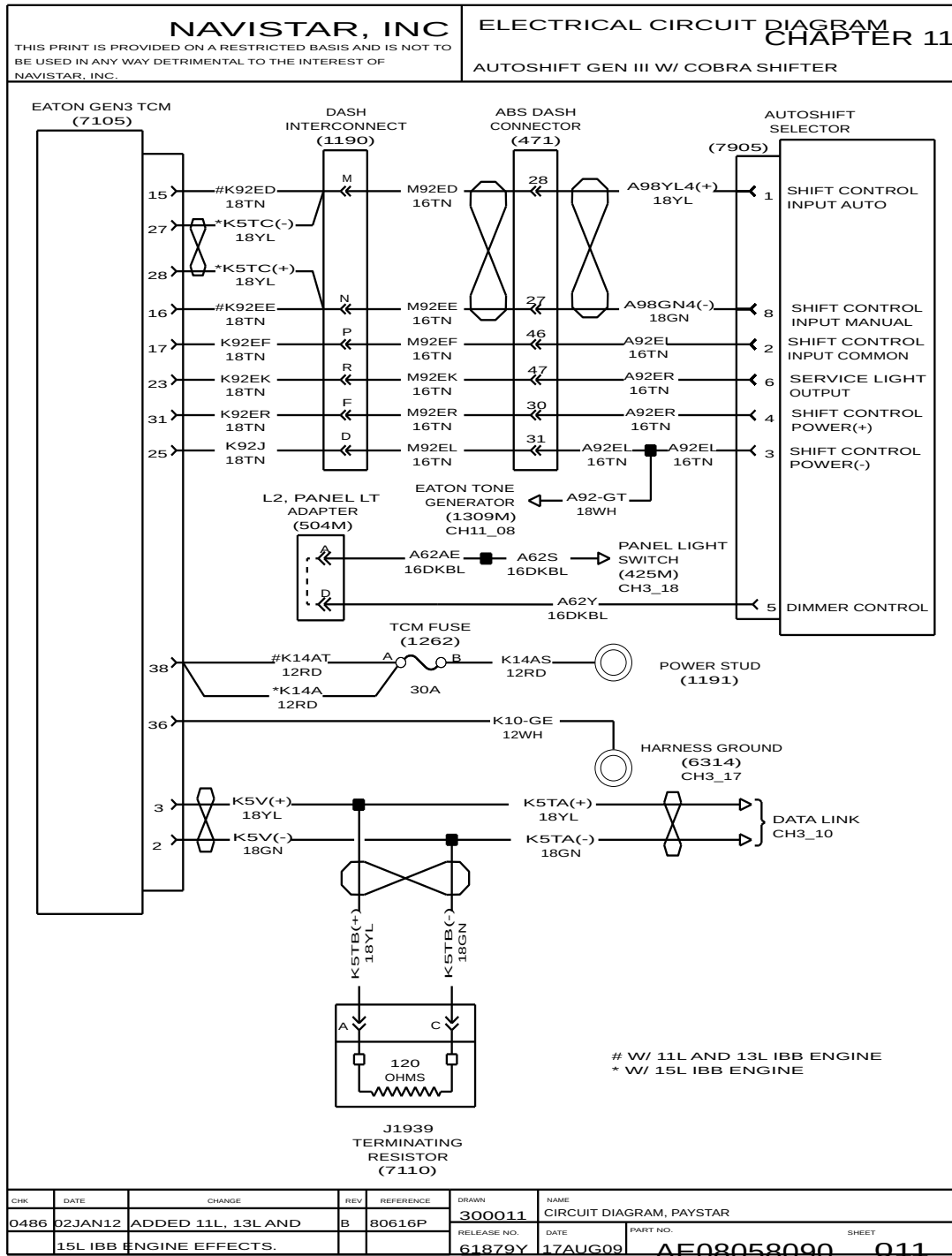


Figure 180 Autoshift GEN III with Cobra Shifter

11.22. EATON ULTRASHIFT PLUS GEN III WITH COBRA SHIFTER, P. 11A

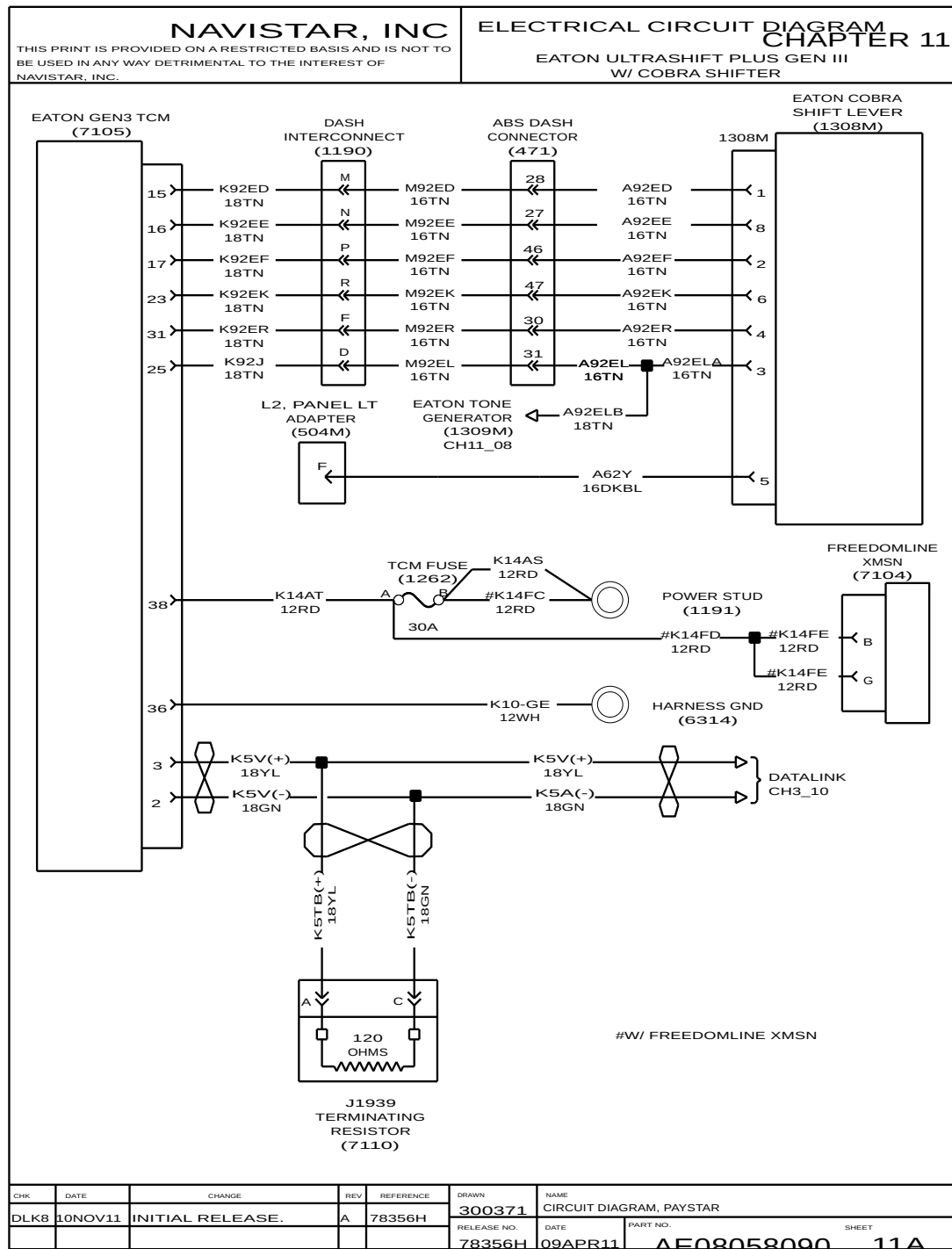


Figure 181 Eaton Ultrashift Plus Gen III with Cobra Shifter

ELECTRICAL CIRCUIT DIAGRAM MANUAL

11.23. ALLISON TRANSMISSION WITH RETARDER WITH ISX ENGINE, P. 12

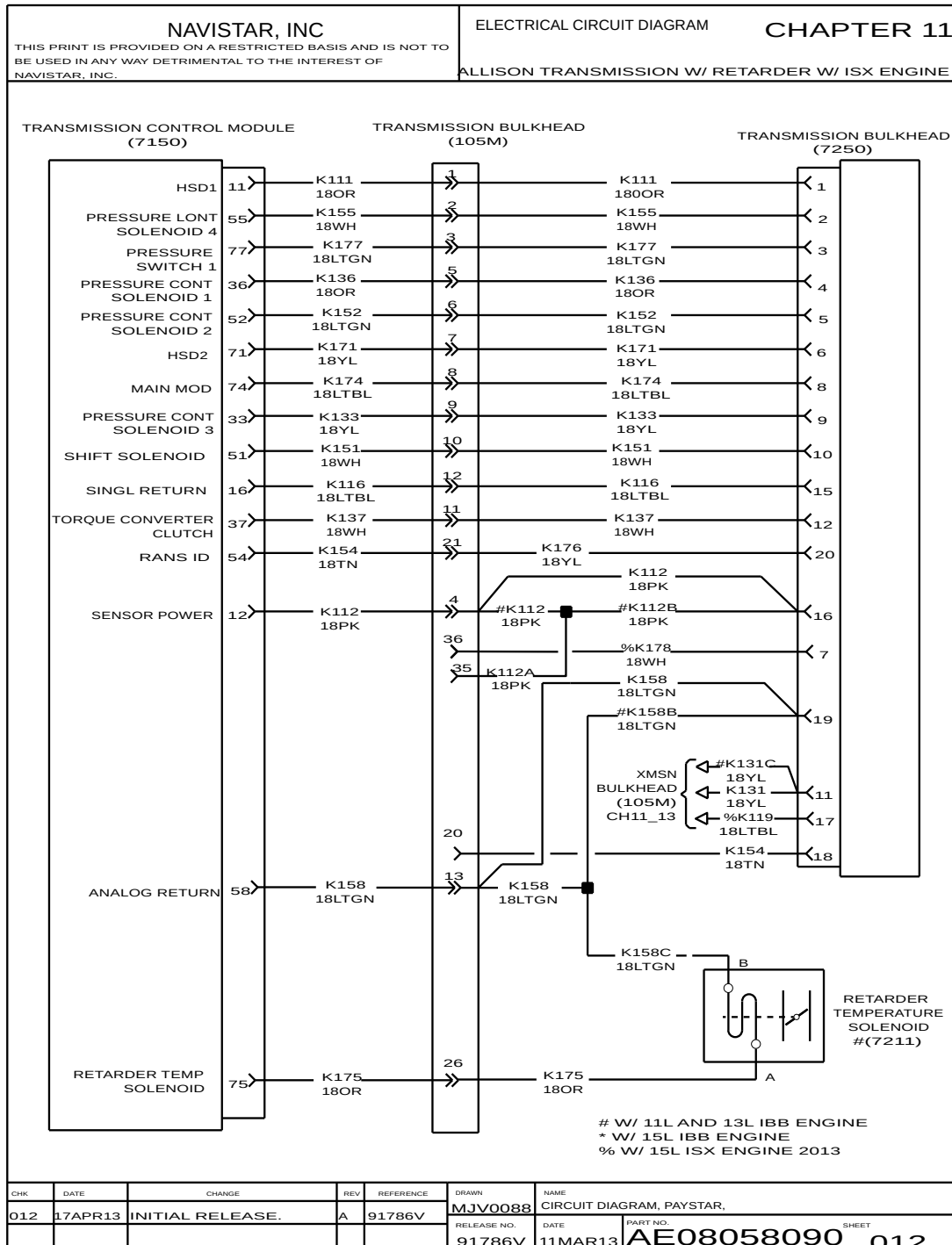


Figure 182 Allison Transmission with Retarder with ISX Engine

11.24. ALLISON TRANSMISSION WITH 500K CAN BUS, P. 12A

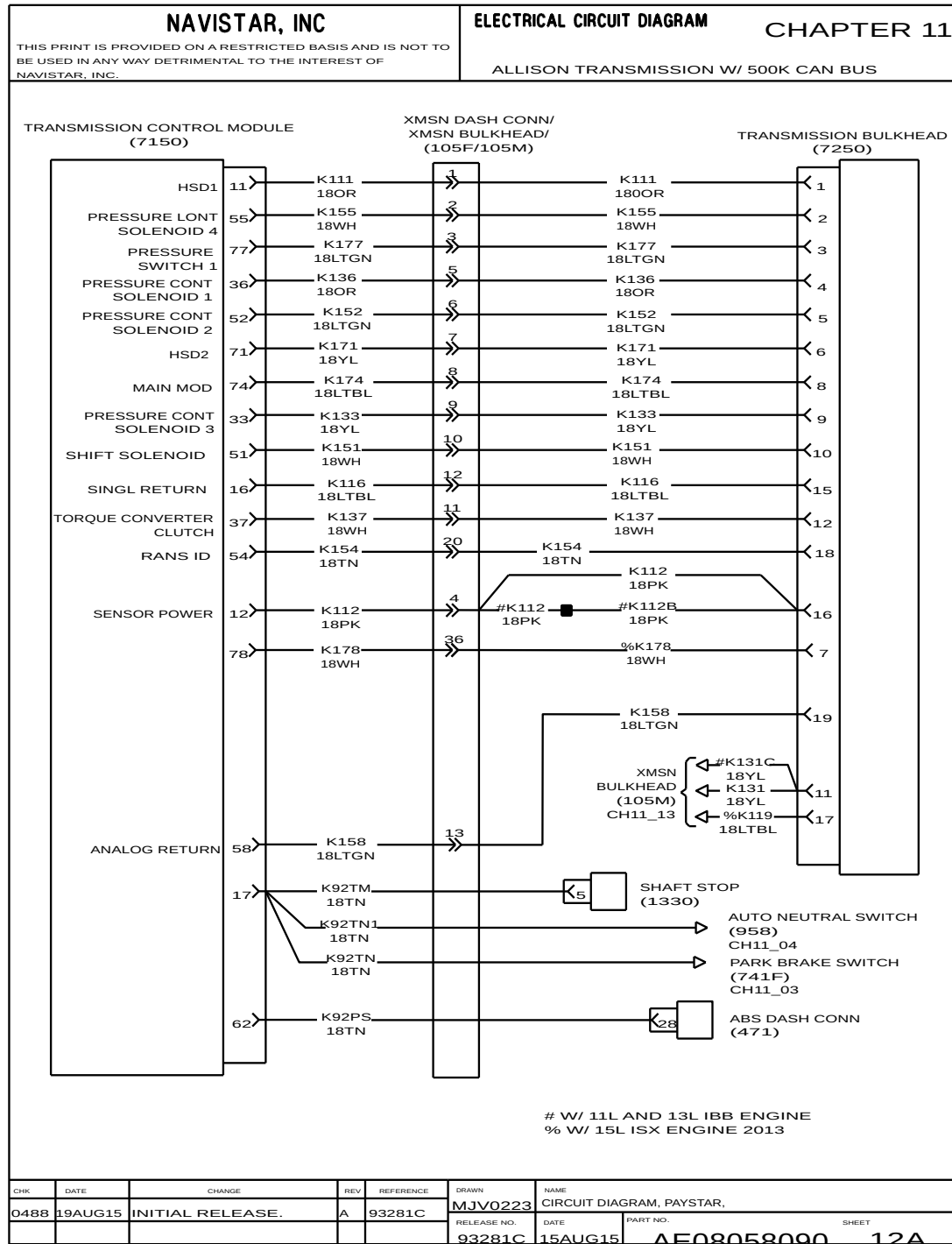


Figure 183 Allison Transmission with 500K Can Bus

ELECTRICAL CIRCUIT DIAGRAM MANUAL

11.25. ALLISON TRANSMISSION WITH RETARDER WITH ISX ENGINE (CONT.), P. 13

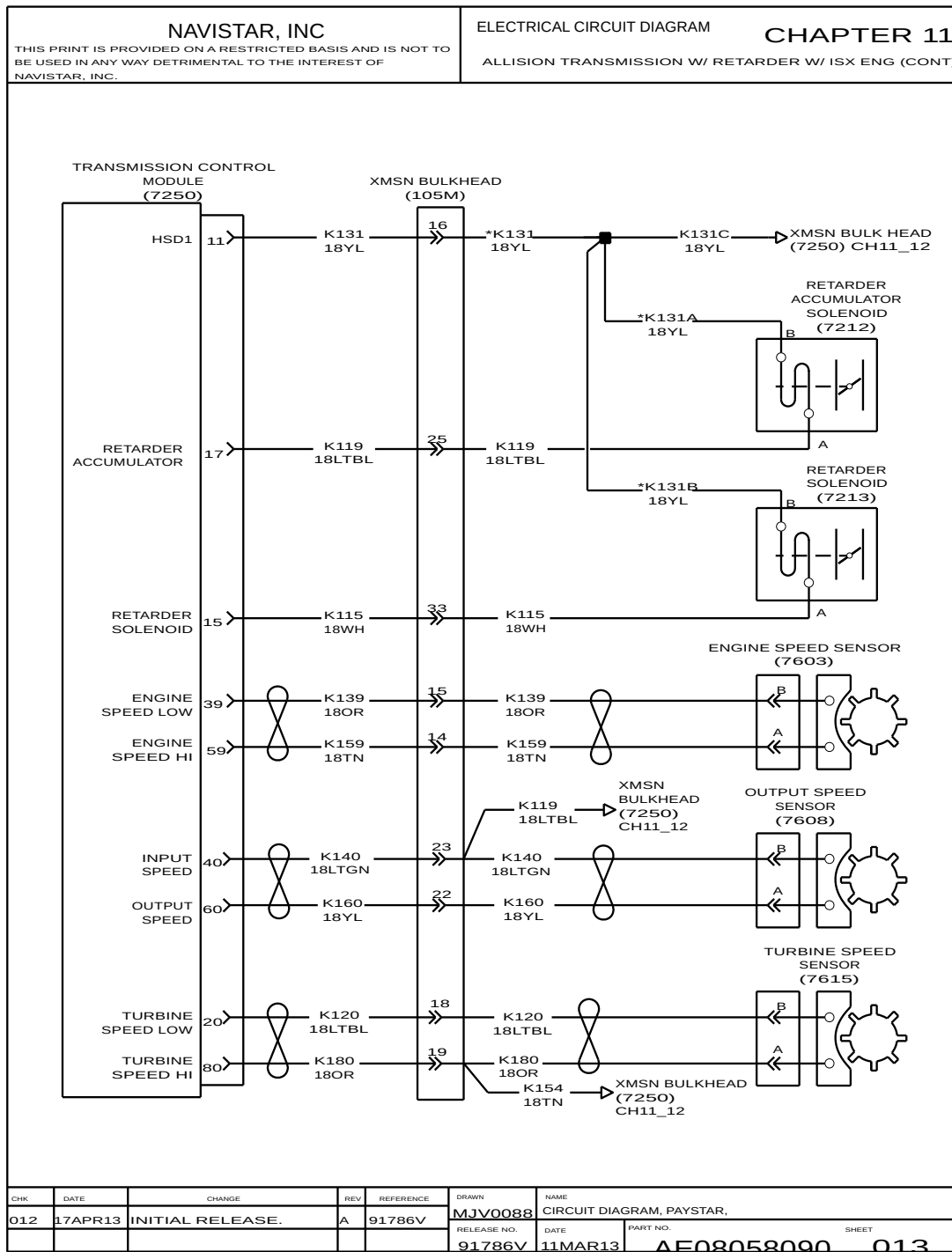


Figure 184 Allison Transmission with Retarder with ISX Engine (Cont.)

HVAC (CHAPTER 12)

12.1. AIR CONDITIONER – CAB, P. 1

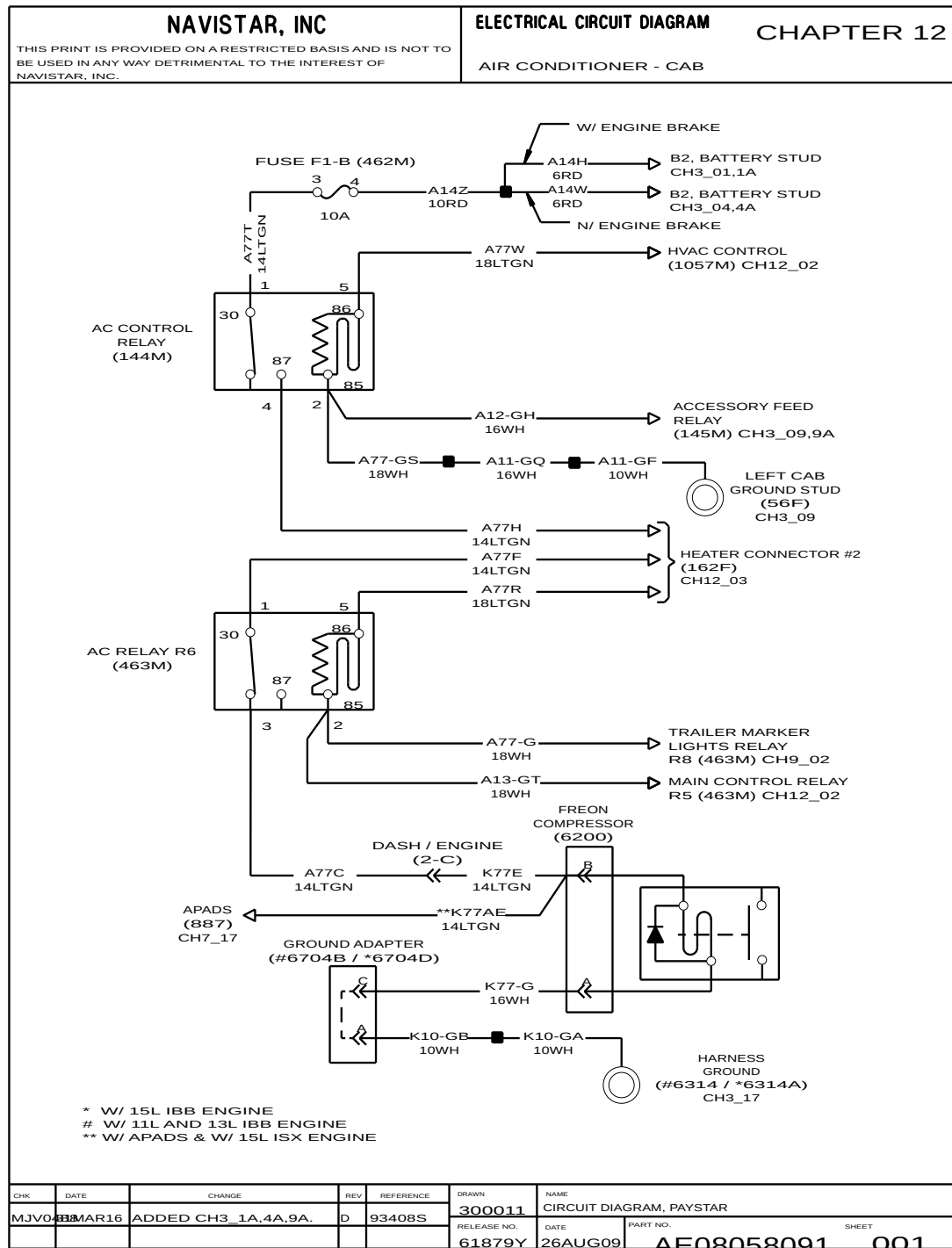


Figure 185 Air Conditioner – CAB

ELECTRICAL CIRCUIT DIAGRAM MANUAL

12.2. HEATER – CAB, P. 2

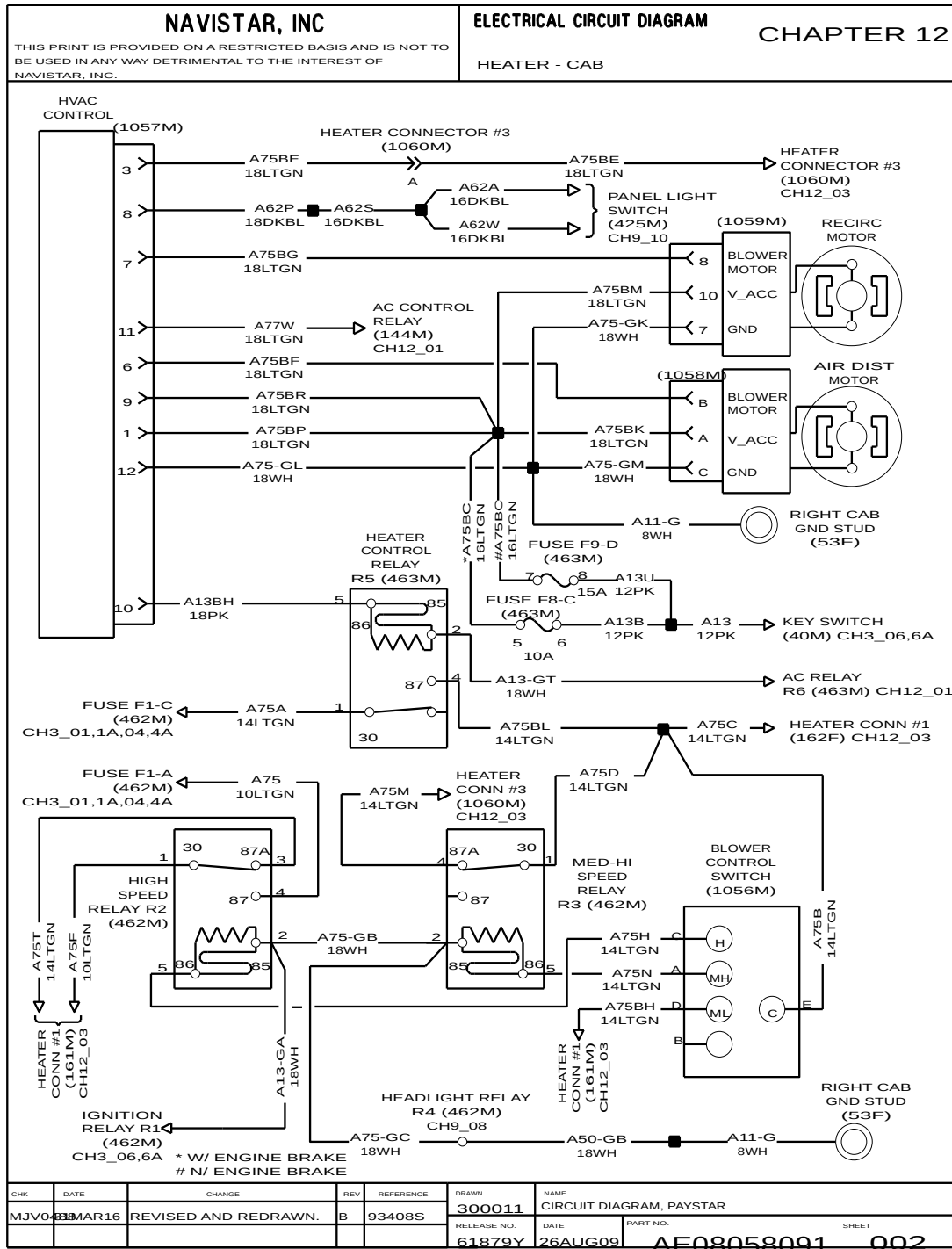


Figure 186 Heater – CAB

12.3. LOWERED HEATER – CAB, P. 3

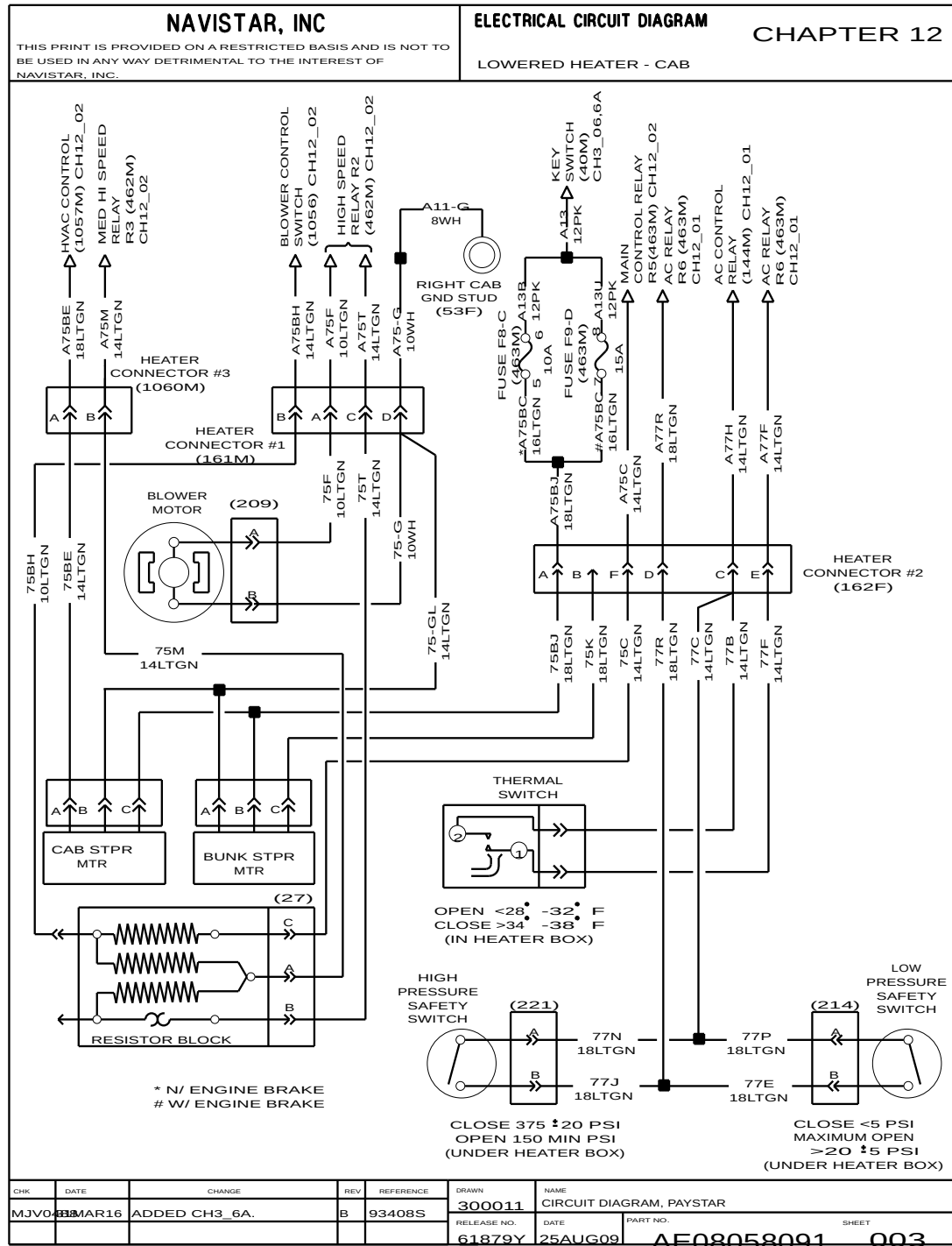


Figure 187 Lowered Heater – CAB

ELECTRICAL CIRCUIT DIAGRAM MANUAL

CONNECTOR COMPOSITES (CHAPTER 13)

13.1. CONNECTOR COMPOSITES (1), P. 1

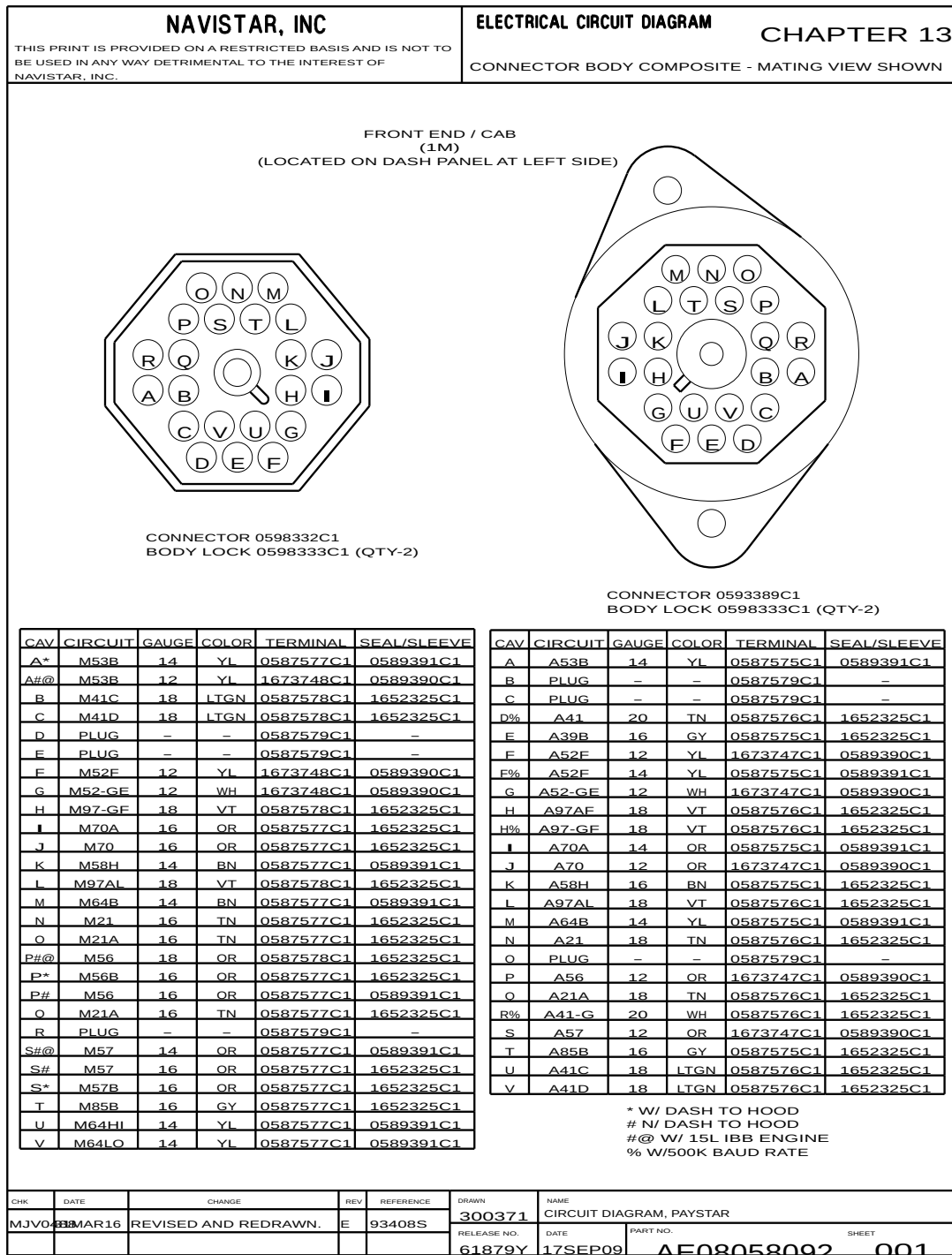


Figure 188 Connector Composites (1)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.3. CONNECTOR COMPOSITES (2), P. 2A

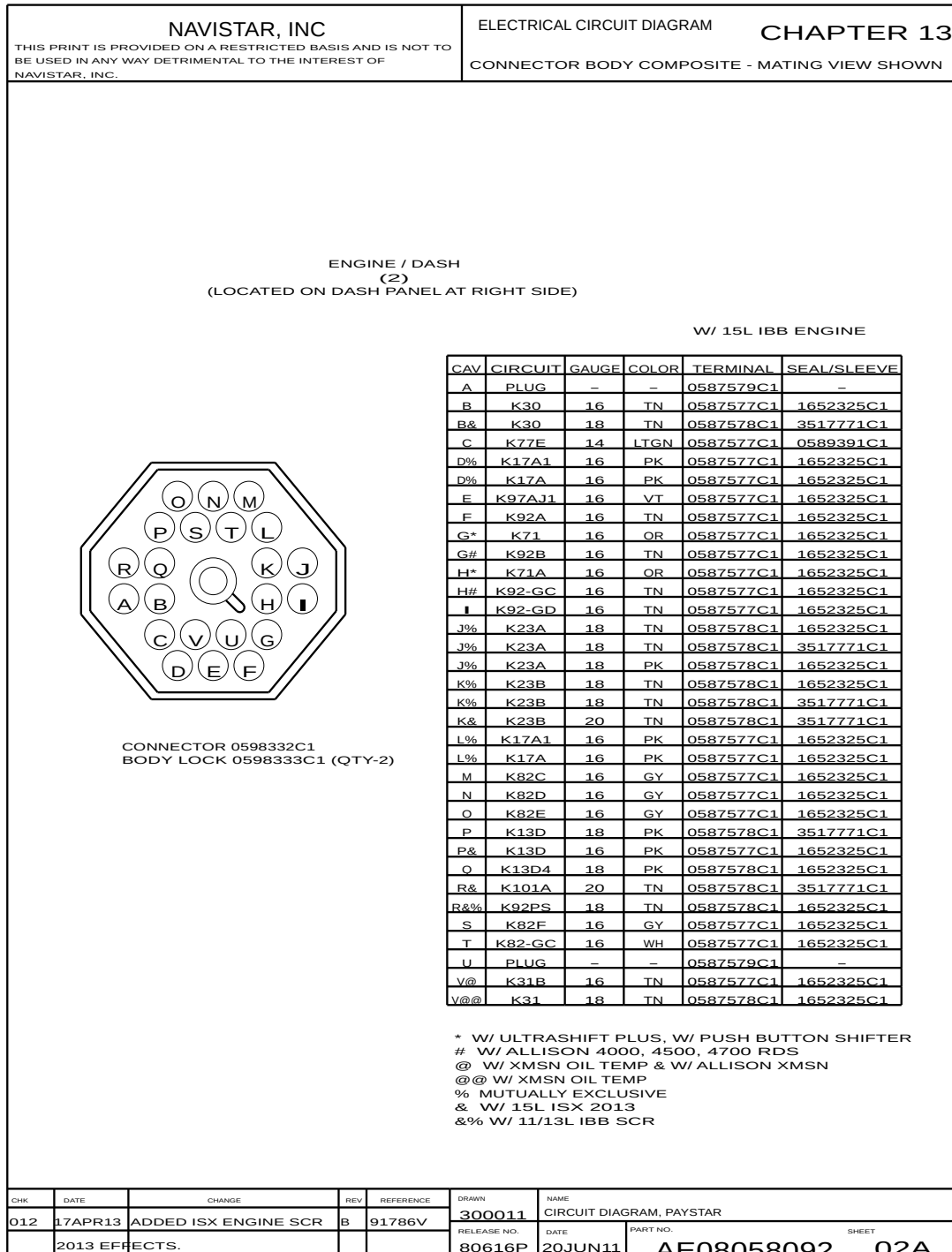


Figure 190 Connector Composites (2)

13.4. CONNECTOR BODY COMPOSITE (2), P. 2B

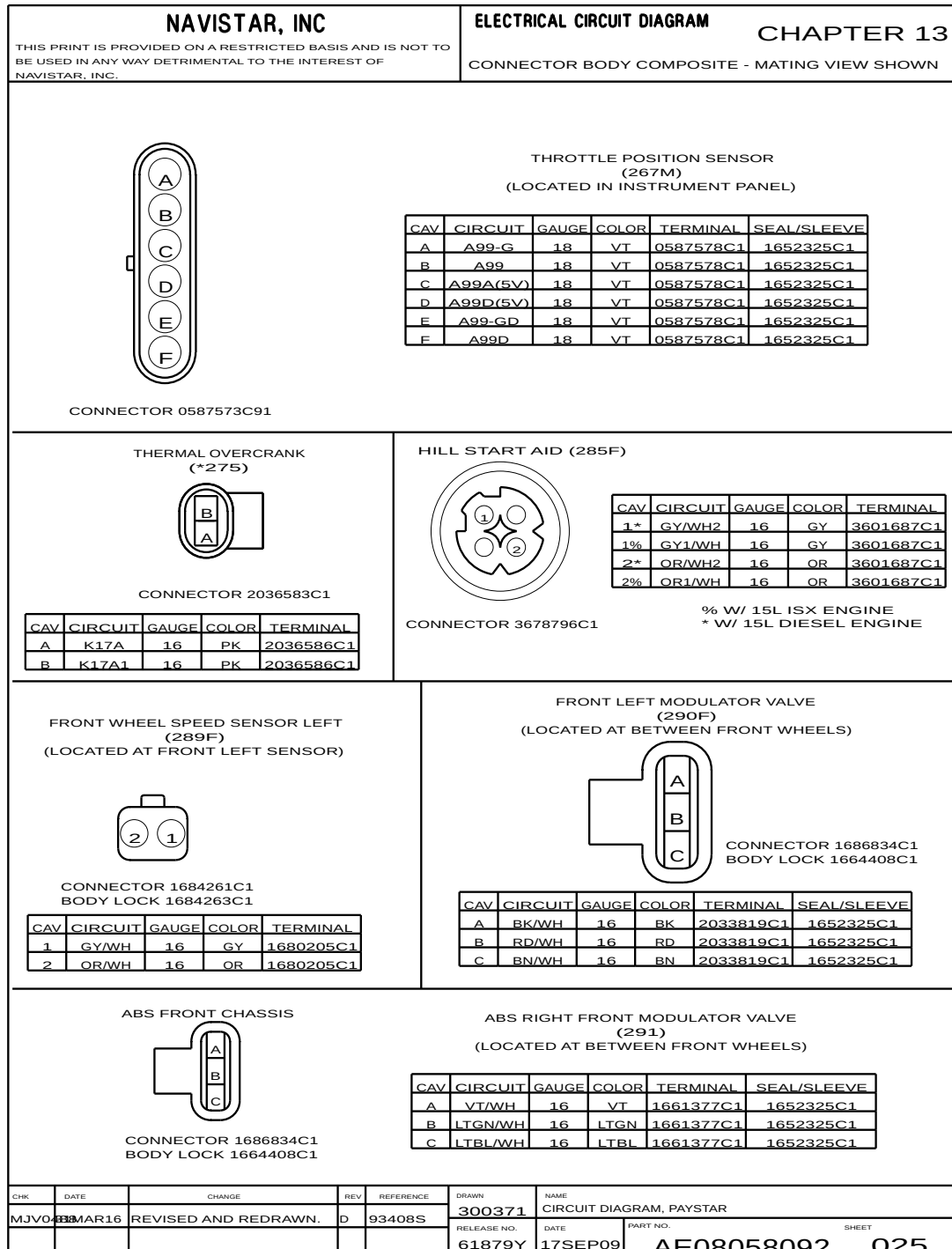


Figure 191 Connector Composites (2)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.5. CONNECTOR COMPOSITES (3F / 3M), P. 3

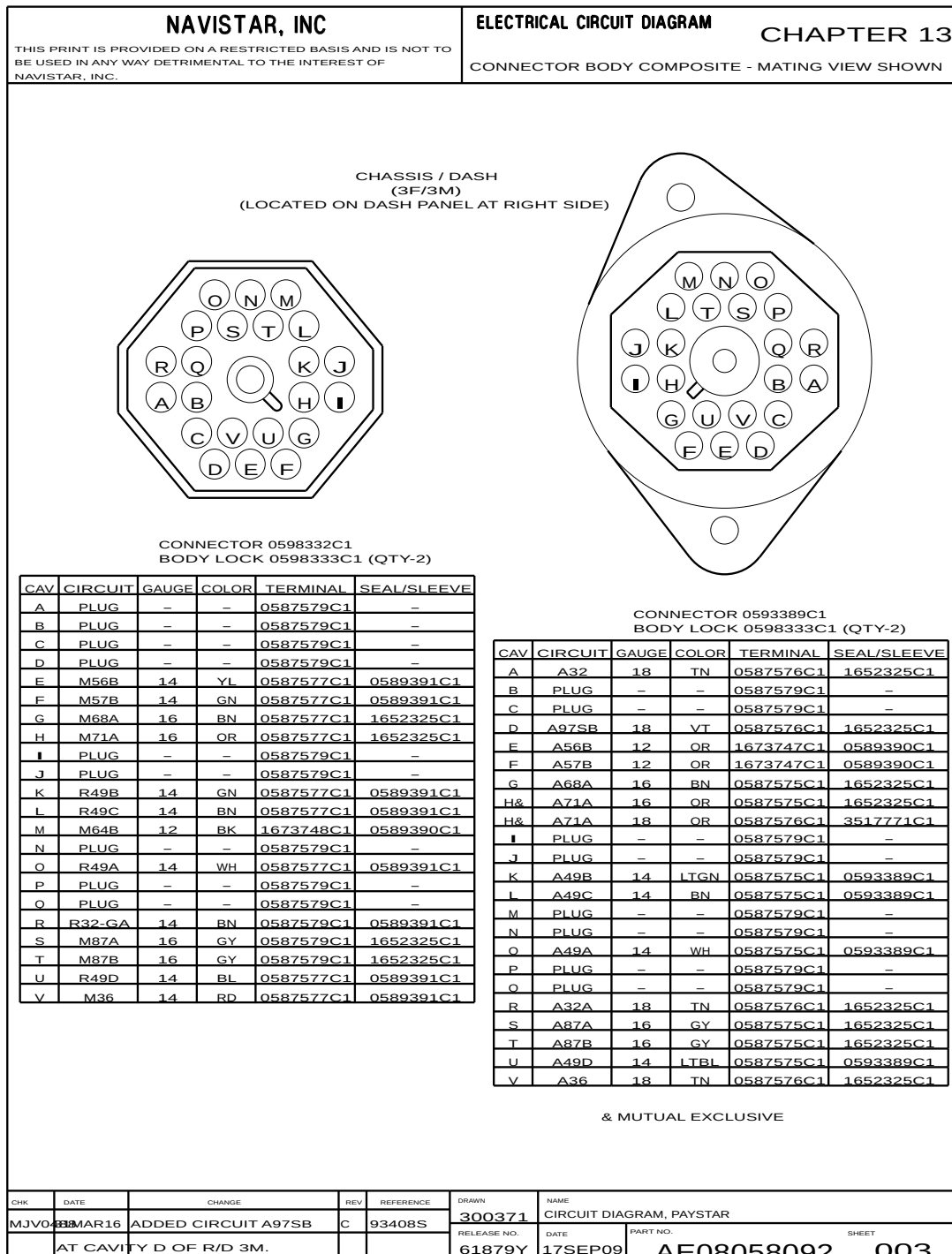


Figure 192 Connector Composites (3F / 3M)

13.6. CONNECTOR COMPOSITES (4M / 5 / 9 / 15M), P. 4

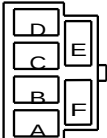
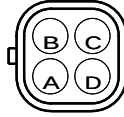
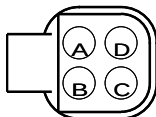
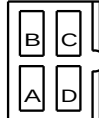
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13																																																																
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.										CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																
TURN SIGNAL SWITCH (4M) (LOCATED ON STEERING COLUMN)																																																																										
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WINDSHIELD WASHER PUMP (9)																																																																										
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1	A87A	16	GY	3561584C1																																																																						
2	A87B	16	GY	3561584C1																																																																						
CONNECTOR 3536864C91																																																																										
PYROMETER CONTROL MODULE (15M) (LOCATED IN INSTRUMENT PANEL CENTER)																																																																										
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CONNECTOR 0255058C1																																																																										
HORN BUTTON (18M)																																																																										
					<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>A85C</td><td>16</td><td>GY</td><td>0188396R1</td></tr> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A85C	16	GY	0188396R1																																																		
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CONNECTOR 0188395R1																																																																										
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																				
MJV0	16MAR16	ADDED R/D 18M.	C	93408S	300371	CIRCUIT DIAGRAM, PAYSTAR																																																																				
					RELEASE NO.	DATE	PART NO.	SHEET																																																																		
					61879Y	17SEP09	AE08058092	004																																																																		

Figure 193 Connector Composites (4M / 5 / 9 / 15M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.7. CONNECTOR COMPOSITES (20 / 40M / 41M / 43M / 65 / 65F), P. 5

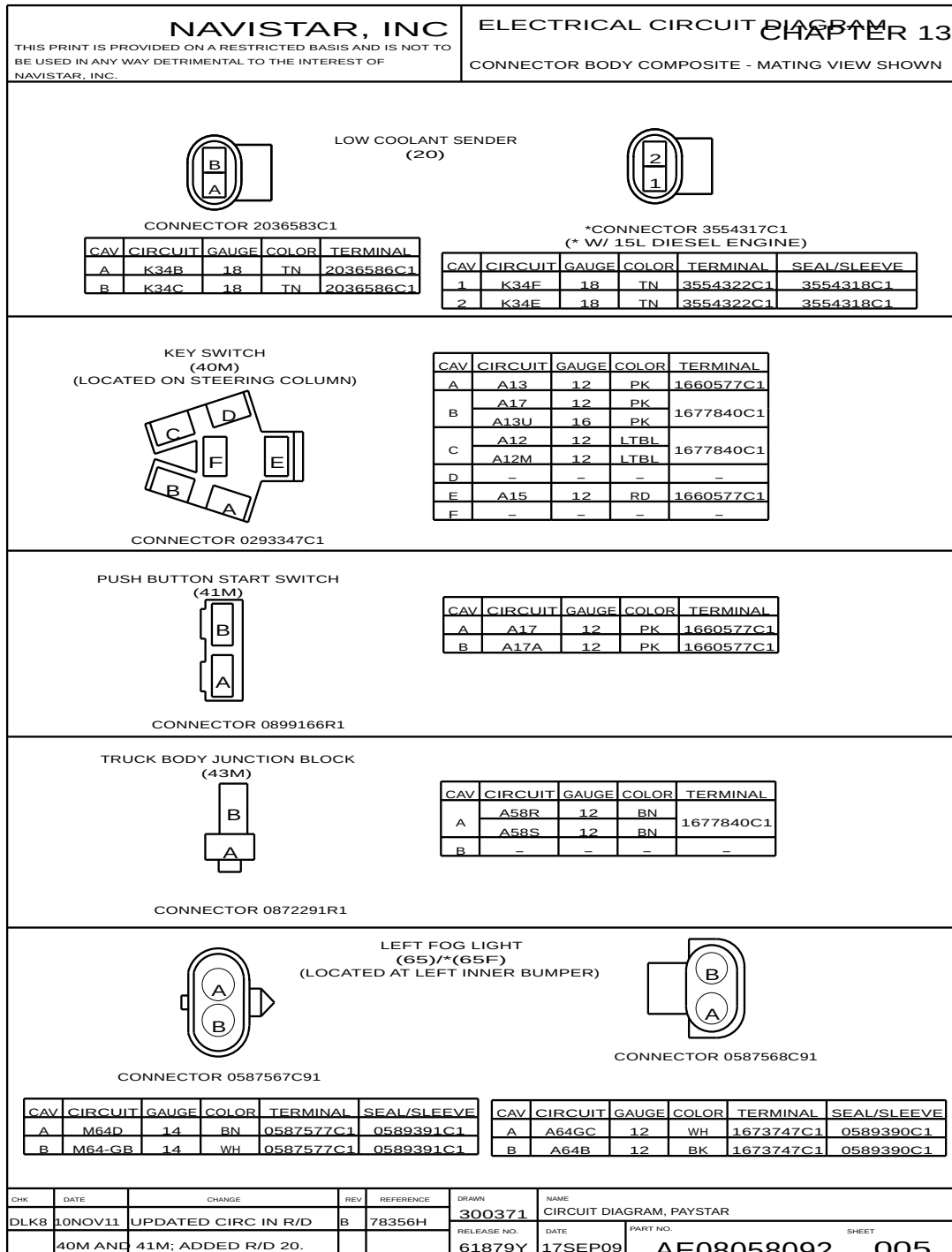


Figure 194 Connector Composites (20 / 40M / 41M / 43M / 65 / 65F)

13.8. CONNECTOR COMPOSITES (66F / 71 / 72 / 76M), P. 6

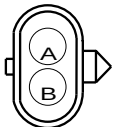
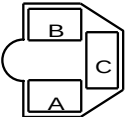
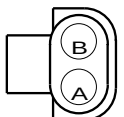
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM																											
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CHAPTER 13																											
				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																											
RIGHT FOG LIGHT (66F) (LOCATED AT RIGHT INNER BUMPER)																															
				<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>M64C</td> <td>14</td> <td>BN</td> <td>0587577C1</td> <td>0589391C1</td> </tr> <tr> <td>B</td> <td>M64-GA</td> <td>14</td> <td>WH</td> <td>0587577C1</td> <td>0589391C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M64C	14	BN	0587577C1	0589391C1	B	M64-GA	14	WH	0587577C1	0589391C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
A	M64C	14	BN	0587577C1	0589391C1																										
B	M64-GA	14	WH	0587577C1	0589391C1																										
CONNECTOR 0587567C91																															
RIGHT HEADLIGHT (71) (LOCATED ON UNDERSIDE OF HOOD BY HEADLIGHT MODULE - RIGHT SIDE)																															
HARNESS ON SEALED HEADLIGHT ASSEMBLY																															
				<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>WHITE2</td> <td>12</td> <td>WH</td> <td>2034741C1</td> <td></td> </tr> <tr> <td>B</td> <td>YELLOW1</td> <td>12</td> <td>YL</td> <td>2034741C1</td> <td></td> </tr> <tr> <td>C</td> <td>YELLOW2</td> <td>12</td> <td>YL</td> <td>2034741C1</td> <td></td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	WHITE2	12	WH	2034741C1		B	YELLOW1	12	YL	2034741C1		C	YELLOW2	12	YL	2034741C1	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
A	WHITE2	12	WH	2034741C1																											
B	YELLOW1	12	YL	2034741C1																											
C	YELLOW2	12	YL	2034741C1																											
CONNECTOR 0261702C1																															
ETHER START (72) (LOCATED AT DASH PANEL)																															
				<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>R</td> <td>M21</td> <td>16</td> <td>TN</td> <td>0418644C1</td> <td>089000-CM</td> </tr> <tr> <td>P</td> <td>M21A</td> <td>16</td> <td>TN</td> <td>0418646C1</td> <td>089000-CM</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	R	M21	16	TN	0418644C1	089000-CM	P	M21A	16	TN	0418646C1	089000-CM						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
R	M21	16	TN	0418644C1	089000-CM																										
P	M21A	16	TN	0418646C1	089000-CM																										
CONNECTOR 089000-CM																															
HORN (76M) (LOCATED AT LOWER LEFT RADIATOR)																															
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B	M85B	16	GY	0587575C1	1652325C1																										
CONNECTOR 0587568C91																															
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																									
DLV1	12JAN11	INITIAL RELEASE.	A	61879Y	300371	CIRCUIT DIAGRAM, PAYSTAR																									
					RELEASE NO.	DATE	PART NO. SHEET																								
					61879Y	17SEP09	AE08058092 006																								

Figure 195 Connector Composites (66F / 71 / 72 / 76M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.9. CONNECTOR COMPOSITES (77 / 82 / 83F / 90M / 100 / 100A), P. 7

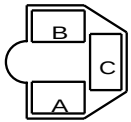
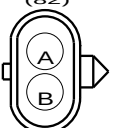
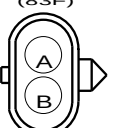
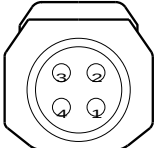
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HARNESS ON SEALED HEADLIGHT ASSEMBLY  CONNECTOR 0261702C1				LEFT HEADLIGHT (W/ 9200, 9400 ONLY) (77) (LOCATED ON UNDERSIDE OF HOOD BY HEADLIGHT MODULE-LEFTSIDE)																												
				<table border="1" style="width: 100%; border-collapse: 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>WHITE2</td> <td>12</td> <td>WH</td> <td>2034741C1</td> </tr> <tr> <td>B</td> <td>YELLOW2</td> <td>12</td> <td>YL</td> <td>2034741C1</td> </tr> <tr> <td>C</td> <td>YELLOW2</td> <td>12</td> <td>YL</td> <td>2034741C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	WHITE2	12	WH	2034741C1	B	YELLOW2	12	YL	2034741C1	C	YELLOW2	12	YL	2034741C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																												
A	WHITE2	12	WH	2034741C1																												
B	YELLOW2	12	YL	2034741C1																												
C	YELLOW2	12	YL	2034741C1																												
RIGHT TURN, MARKER & PARK LIGHT (82)  CONNECTOR 0587567C91				<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>M58U</td> <td>16</td> <td>BN</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>B#</td> <td>M57</td> <td>16</td> <td>OR</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>B*</td> <td>M57C</td> <td>16</td> <td>OR</td> <td>0587577C1</td> <td>1652325C1</td> </tr> </tbody> </table> * W/ AUXILIARY LIGHTS # N/ AUXILIARY LIGHTS				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M58U	16	BN	0587577C1	1652325C1	B#	M57	16	OR	0587577C1	1652325C1	B*	M57C	16	OR	0587577C1	1652325C1	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																											
A	M58U	16	BN	0587577C1	1652325C1																											
B#	M57	16	OR	0587577C1	1652325C1																											
B*	M57C	16	OR	0587577C1	1652325C1																											
LEFT TURN, MARKER & PARK LIGHT (83F)  CONNECTOR 0587567C91				<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>M58T</td> <td>16</td> <td>BN</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>B#</td> <td>M56</td> <td>16</td> <td>OR</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>B*</td> <td>M56C</td> <td>16</td> <td>OR</td> <td>0587577C1</td> <td>1652325C1</td> </tr> </tbody> </table> * W/ AUXILIARY LIGHTS # N/ AUXILIARY LIGHTS				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M58T	16	BN	0587577C1	1652325C1	B#	M56	16	OR	0587577C1	1652325C1	B*	M56C	16	OR	0587577C1	1652325C1	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																											
A	M58T	16	BN	0587577C1	1652325C1																											
B#	M56	16	OR	0587577C1	1652325C1																											
B*	M56C	16	OR	0587577C1	1652325C1																											
CIGAR LIGHTER LIGHT (90M)  CONNECTOR 0188395R1				W/ 500K BAUD RATE REGULATORY <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>62AA</td> <td>16</td> <td>DKBL</td> <td>0188396R1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	62AA	16	DKBL	0188396R1															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																												
A	62AA	16	DKBL	0188396R1																												
BACKBONE J1939 (ENGINE CONNECTION) (100A)  CONNECTOR 3537127C1				W/ BENDIX ABS <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>YL2(+)</td> <td>18</td> <td>YL</td> <td>3537131C1</td> </tr> <tr> <td>2</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3537132C1</td> </tr> <tr> <td>3</td> <td>GN2(-)</td> <td>14</td> <td>LTGN</td> <td>1661231C1</td> </tr> <tr> <td>4</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3537131C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	YL2(+)	18	YL	3537131C1	2	PLUG	-	-	3537132C1	3	GN2(-)	14	LTGN	1661231C1	4	PLUG	-	-	3537131C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																												
1	YL2(+)	18	YL	3537131C1																												
2	PLUG	-	-	3537132C1																												
3	GN2(-)	14	LTGN	1661231C1																												
4	PLUG	-	-	3537131C1																												
J1939 BACK BONE (100)  CONNECTOR 1667741C1 BODY LOCK 1667771C1				<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>YL(+)</td> <td>18</td> <td>YL</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>2025431C1</td> <td>-</td> </tr> <tr> <td>C</td> <td>GN(-)</td> <td>18</td> <td>GN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	YL(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	C	GN(-)	18	GN	1661875C1	3568570C1	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																											
A	YL(+)	18	YL	1661875C1	3568570C1																											
B	PLUG	-	-	2025431C1	-																											
C	GN(-)	18	GN	1661875C1	3568570C1																											
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																										
0488	09SEP15	ADDED R/D 100 AND	C	93248U	300371	CIRCUIT DIAGRAM, PAYSTAR																										
					RELEASE NO.	DATE	PART NO.																									
					61879Y	17SEP09	AE08058092																									
					SHEET 007																											

Figure 196 Connector Composites (77 / 82 / 83F / 90M / 100 / 100A)

13.10. CONNECTOR COMPOSITES (100), P. 8

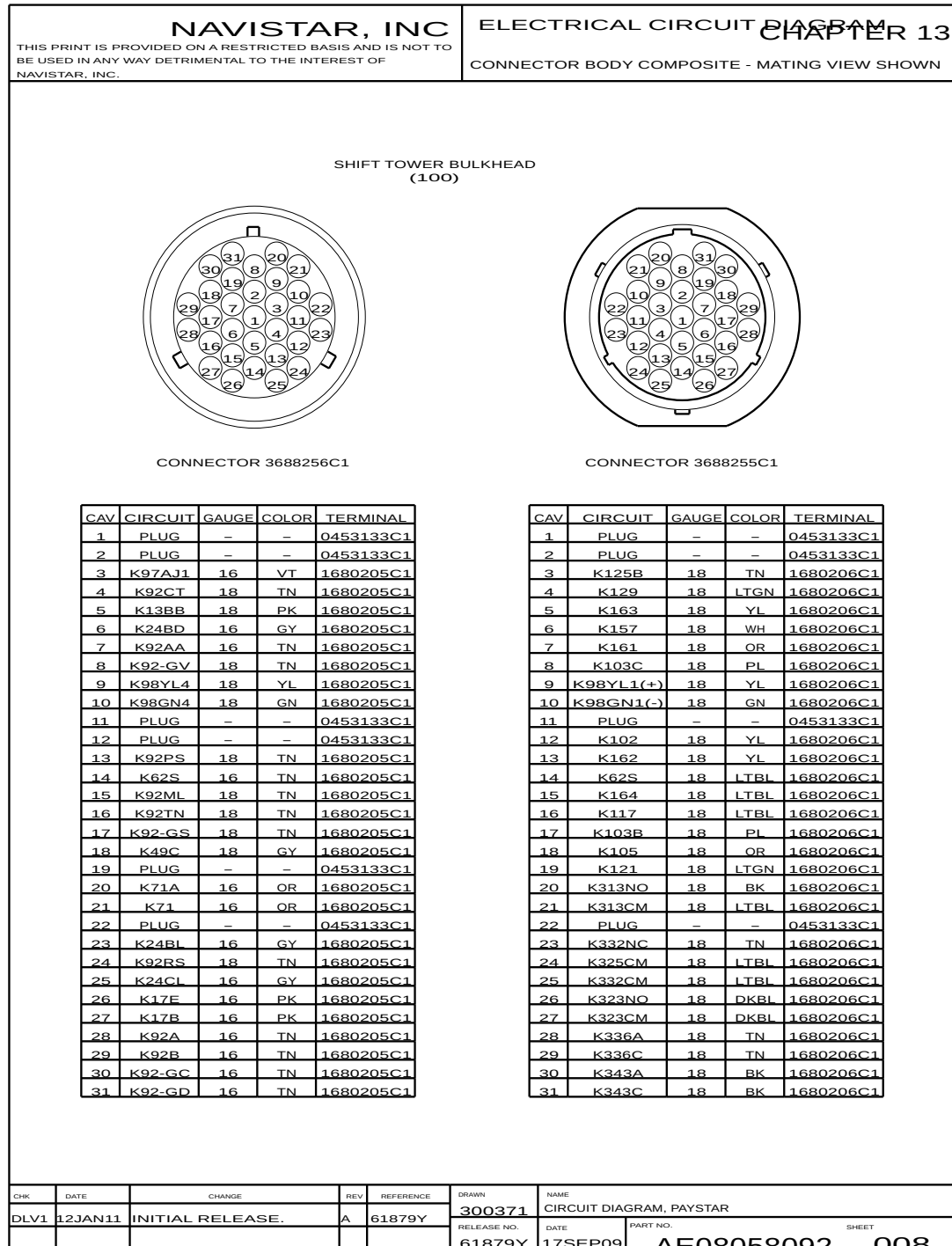


Figure 197 Connector Composites (100)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.11. CONNECTOR COMPOSITES (100F / 101F / 102F / 100M3), P. 8A

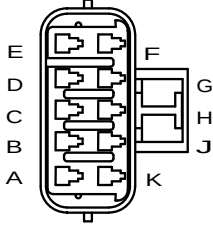
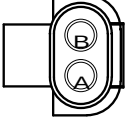
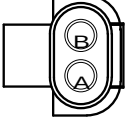
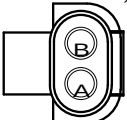
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																			
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EOF SHIFTER (100M3) (LOCATED AT END OF FRAME)  CONNECTOR 3538635C1 BODY LOCK 3538636C1				<table border="1" style="width: 100%; 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>K46PT</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>B</td><td>K46-G</td><td>18</td><td>WH</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>C</td><td>K62SC</td><td>18</td><td>LTBL</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>D</td><td>K109C</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>E</td><td>K134B</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>F</td><td>K163D</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>G</td><td>K110C</td><td>18</td><td>PK</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>H</td><td>K98YL</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>J</td><td>K98GN</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>K</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>-</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K46PT	18	TN	1661875C1	3568570C1	B	K46-G	18	WH	1661875C1	3568570C1	C	K62SC	18	LTBL	1661875C1	3568570C1	D	K109C	18	GY	1661875C1	1661872C1	E	K134B	18	YL	1661875C1	3568570C1	F	K163D	18	YL	1661875C1	3568570C1	G	K110C	18	PK	1661875C1	3568570C1	H	K98YL	18	YL	1661875C1	3568570C1	J	K98GN	18	GN	1661875C1	3568570C1	K	PLUG	-	-	2025431C1	-
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																				
A	K46PT	18	TN	1661875C1	3568570C1																																																																				
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E	K134B	18	YL	1661875C1	3568570C1																																																																				
F	K163D	18	YL	1661875C1	3568570C1																																																																				
G	K110C	18	PK	1661875C1	3568570C1																																																																				
H	K98YL	18	YL	1661875C1	3568570C1																																																																				
J	K98GN	18	GN	1661875C1	3568570C1																																																																				
K	PLUG	-	-	2025431C1	-																																																																				
FRONT REAR AXLE (100F) (LOCATED ON CHASSIS FRONT REAR AXLE)  CONNECTOR 3593684C91				<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>R49AF</td><td>14</td><td>WH</td><td>0587577C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>R49BF</td><td>14</td><td>BK</td><td>0587577C1</td><td>0589391C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R49AF	14	WH	0587577C1	0589391C1	B	R49BF	14	BK	0587577C1	0589391C1																																																
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CENTER REAR AXLE (101F) (LOCATED ON CHASSIS CENTER REAR AXLE)  CONNECTOR 3593684C91				<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>R49AC</td><td>14</td><td>WH</td><td>0587577C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>R49CC</td><td>14</td><td>BN</td><td>0587577C1</td><td>0589391C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R49AC	14	WH	0587577C1	0589391C1	B	R49CC	14	BN	0587577C1	0589391C1																																																
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B	R49CC	14	BN	0587577C1	0589391C1																																																																				
REAR REAR AXLE (102F) (LOCATED ON CHASSIS REAR REAR AXLE)  CONNECTOR 3593684C91				<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>R49AR</td><td>14</td><td>WH</td><td>0587577C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>R49DR</td><td>14</td><td>BL</td><td>0587577C1</td><td>0589391C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R49AR	14	WH	0587577C1	0589391C1	B	R49DR	14	BL	0587577C1	0589391C1																																																
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B	R49DR	14	BL	0587577C1	0589391C1																																																																				
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																			
0638	07MAY15	ADDED R/D 100F, 101F	B	92948U	300011	CIRCUIT DIAGRAM, PAYSTAR																																																																			
AND 102F.					RELEASE NO.	DATE	PART NO.																																																																		
					80616P	20JUN11	AE08058092 08A																																																																		

Figure 198 Connector Composites (100F / 101F / 102F / 100M3)

13.12. CONNECTOR COMPOSITES (105), P. 9

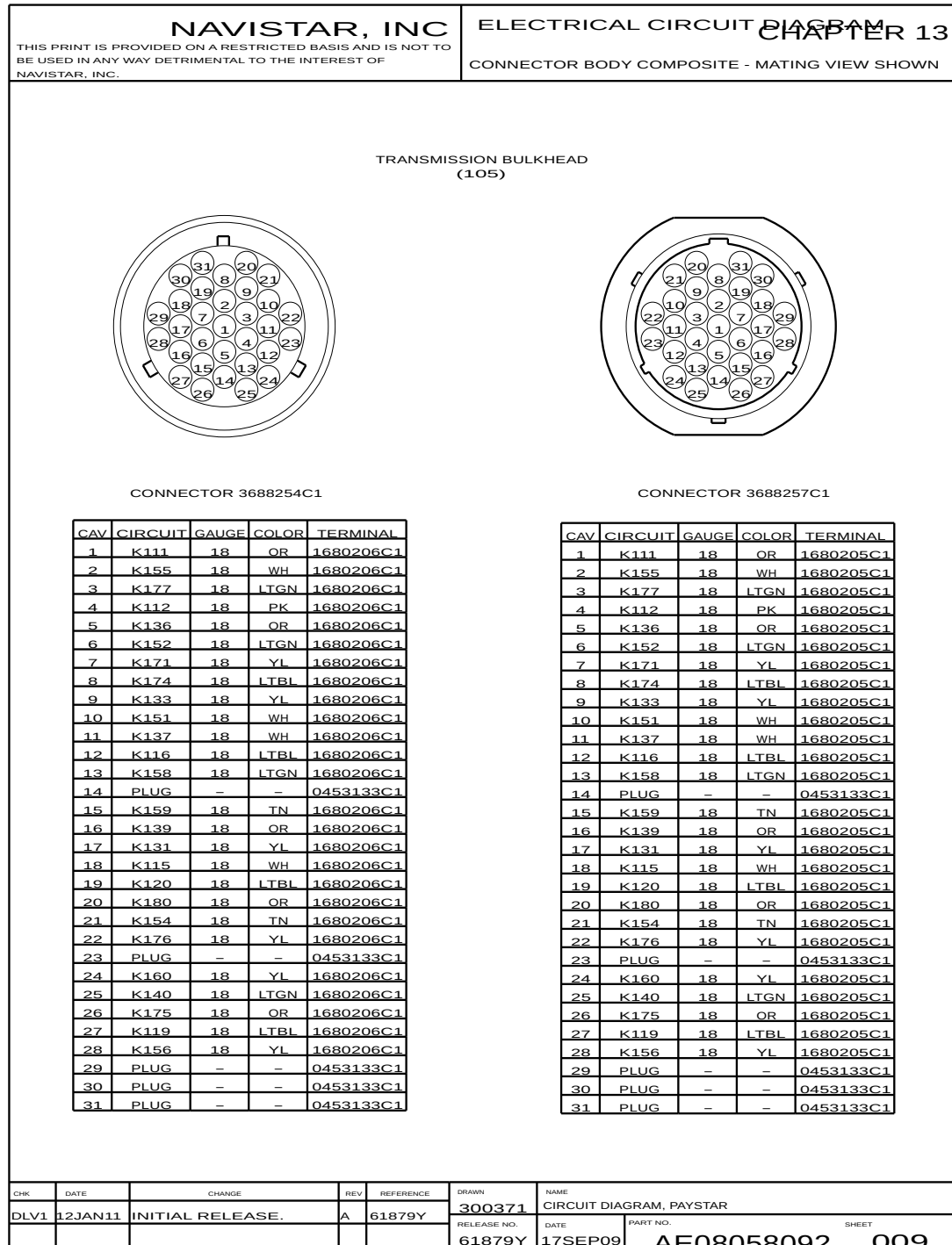


Figure 199 Connector Composites (105)

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13.13. CONNECTOR COMPOSITES (105F), P. 10

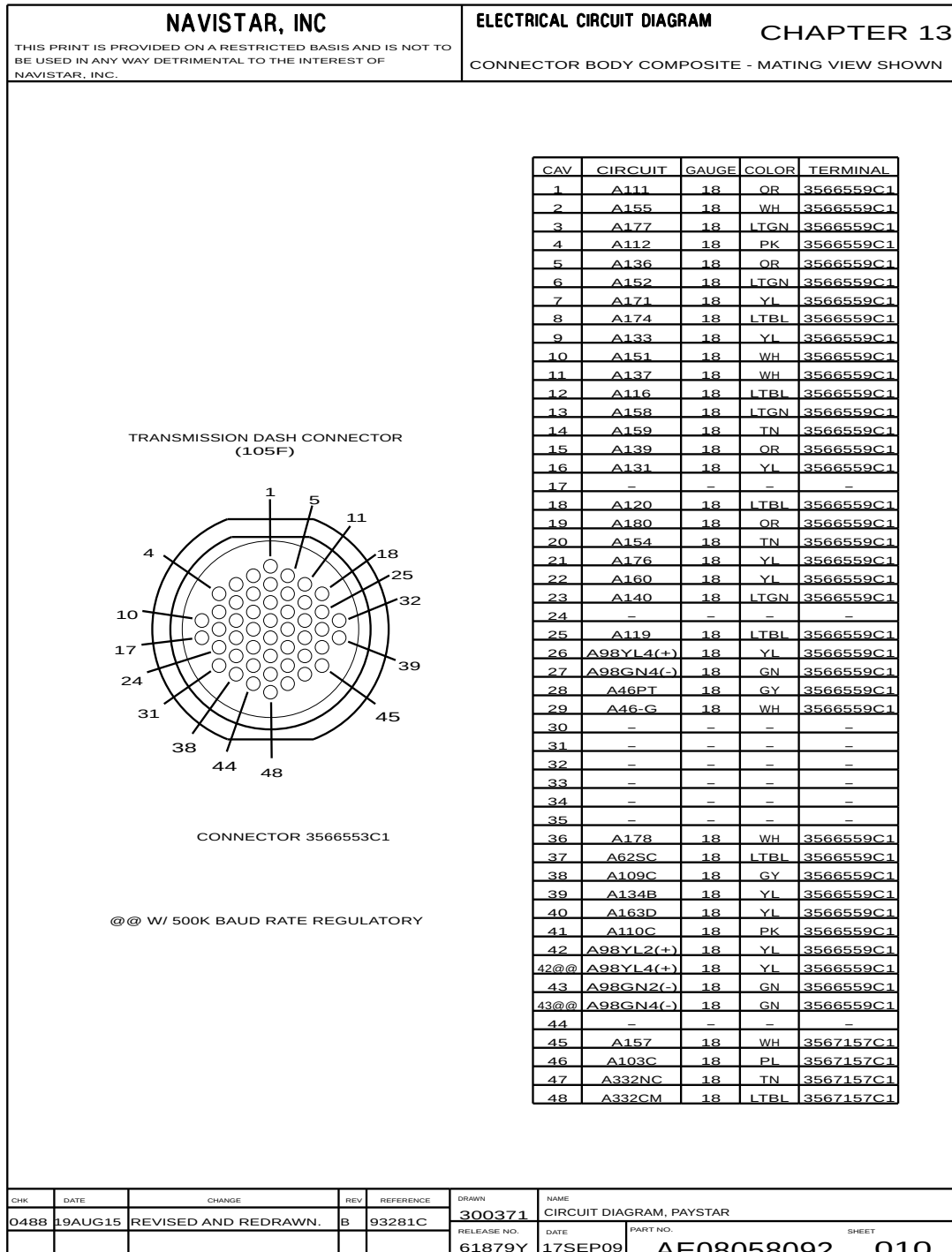


Figure 200 Connector Composites (105F)

13.14. CONNECTOR COMPOSITES (105M), P. 10A

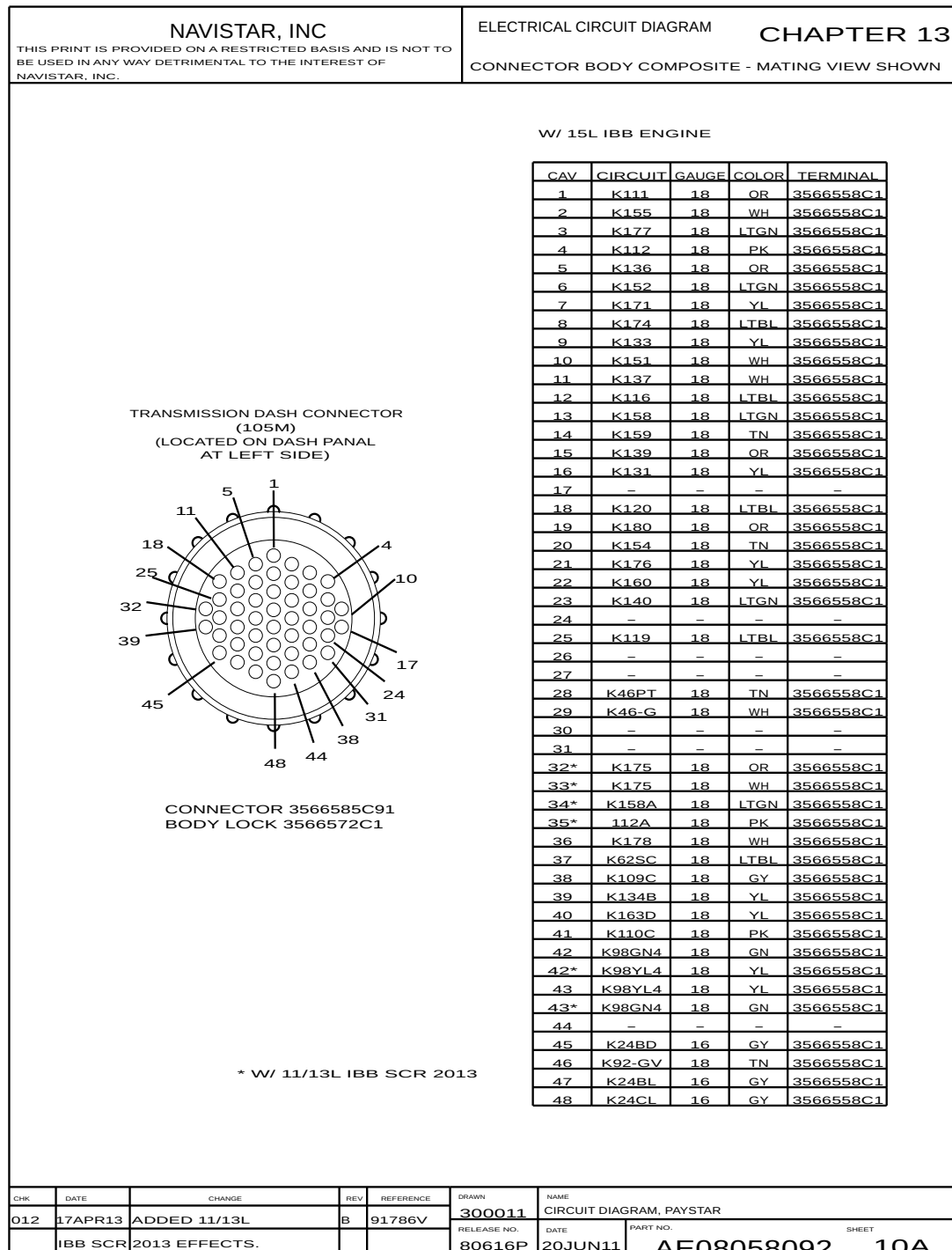


Figure 201 Connector Composites (105M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.15. CONNECTOR COMPOSITES (106F / 107M / 108F), P. 11

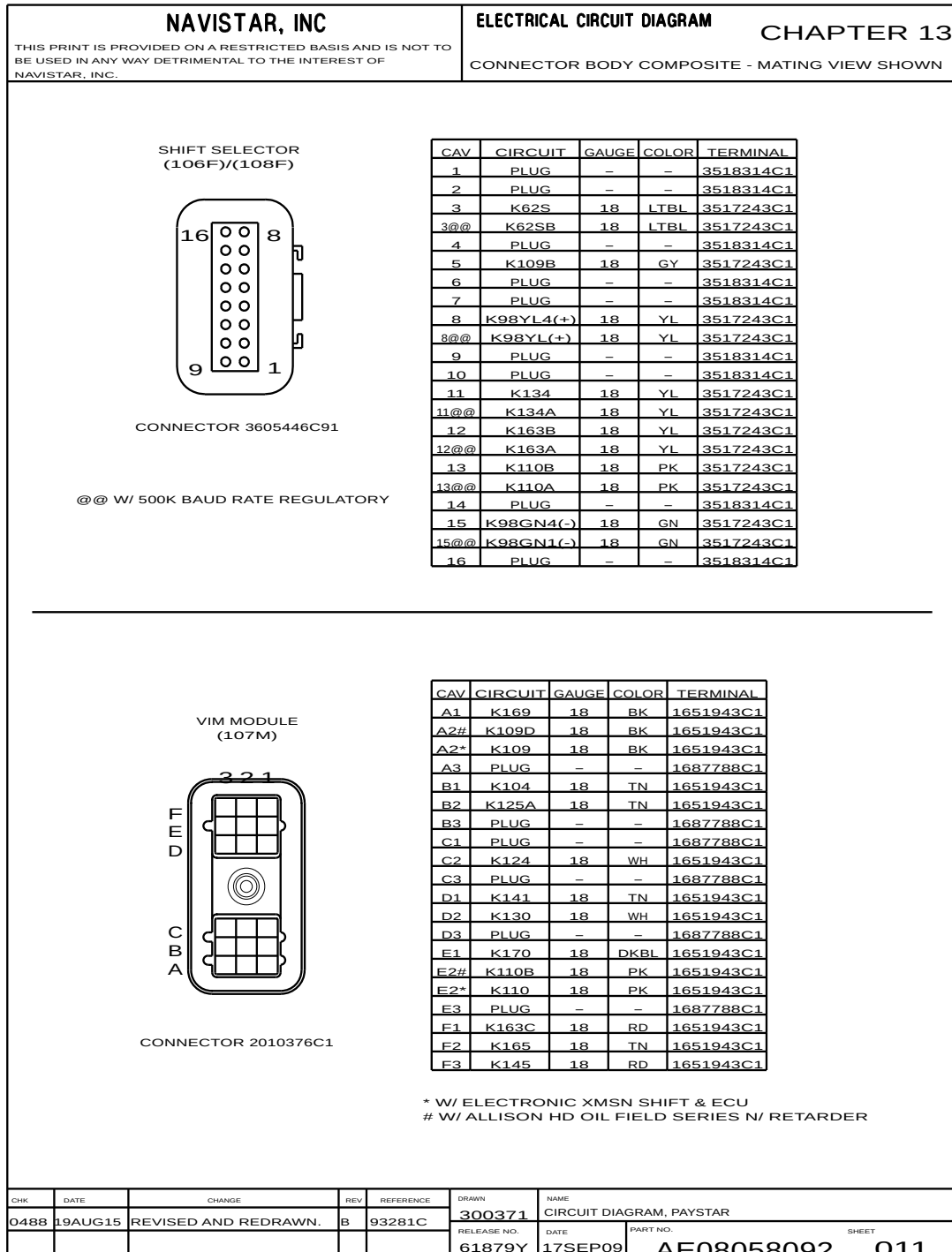


Figure 202 Connector Composites (106F / 107M / 108F)

13.16. CONNECTOR COMPOSITES (108M), P. 12

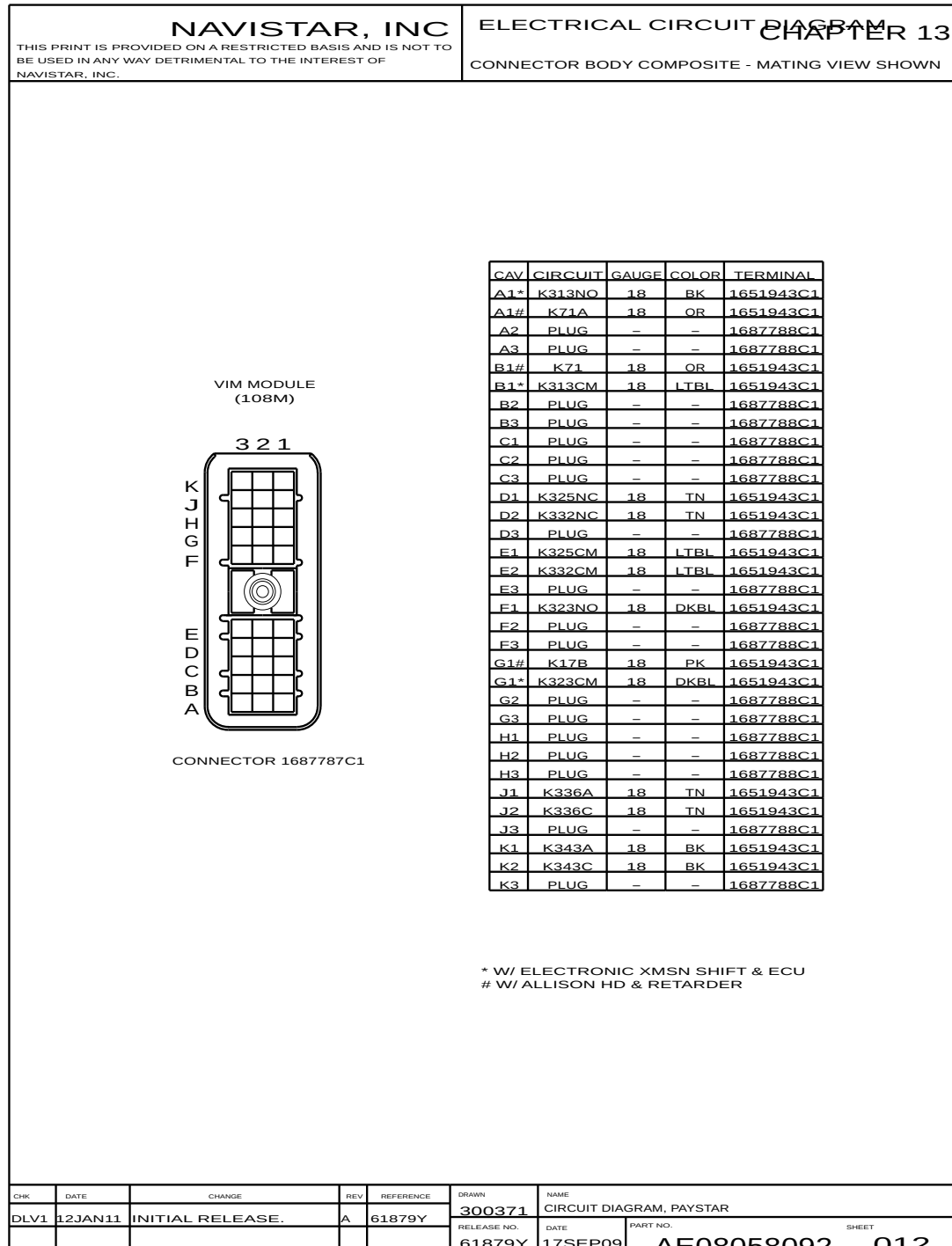


Figure 203 Connector Composites (108M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.17. CONNECTOR COMPOSITES (112 / 113 / 115), P. 13

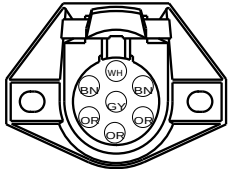
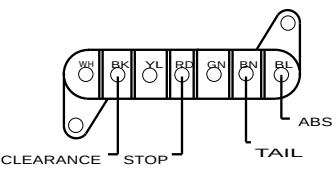
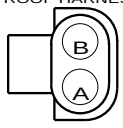
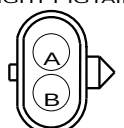
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																																
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TRAILER SOCKET (112) (LOCATED ON REAR OF SLEEPER OR END OF FRAME)  CONNECTOR (PLASTIC HOUSING) 3520417C1 CONNECTOR (DIE CAST HOUSING) 2009934C1 RUBBER BOOT 481849C1 GASKET 1666090C1					<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> </tr> </thead> <tbody> <tr><td>WH*</td><td>11-GN</td><td>18</td><td>WH</td></tr> <tr><td>WH#</td><td>11-GAL</td><td>18</td><td>WH</td></tr> <tr><td>BN</td><td>58R</td><td>12</td><td>BN</td></tr> <tr><td>BN</td><td>57C</td><td>12</td><td>OR</td></tr> <tr><td>GN</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>OR</td><td>56C</td><td>12</td><td>OR</td></tr> <tr><td>OR</td><td>94AF</td><td>10</td><td>GY</td></tr> <tr><td>OR</td><td>70C</td><td>10</td><td>OR</td></tr> <tr><td>BN</td><td>57C</td><td>12</td><td>OR</td></tr> <tr><td>GY</td><td>68B</td><td>12</td><td>BN</td></tr> </tbody> </table> * W/ TRAILER CONN ON FRAME # W/ TRAILER CONN ON CAB / SLEEPER					CAV	CIRCUIT	GAUGE	COLOR	WH*	11-GN	18	WH	WH#	11-GAL	18	WH	BN	58R	12	BN	BN	57C	12	OR	GN	-	-	-	OR	56C	12	OR	OR	94AF	10	GY	OR	70C	10	OR	BN	57C	12	OR	GY	68B	12	BN
CAV	CIRCUIT	GAUGE	COLOR																																																		
WH*	11-GN	18	WH																																																		
WH#	11-GAL	18	WH																																																		
BN	58R	12	BN																																																		
BN	57C	12	OR																																																		
GN	-	-	-																																																		
OR	56C	12	OR																																																		
OR	94AF	10	GY																																																		
OR	70C	10	OR																																																		
BN	57C	12	OR																																																		
GY	68B	12	BN																																																		
FOUR WHEEL TRAILER JUNCTION BLOCK (113) (LOCATED AT REAR CROSS MEMBER)  ASSEMBLY 407860C91					<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> </tr> </thead> <tbody> <tr><td>WH</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>BK</td><td>58R</td><td>12</td><td>BN</td></tr> <tr><td>YL</td><td>56C</td><td>12</td><td>OR</td></tr> <tr><td>RD</td><td>70C</td><td>10</td><td>OR</td></tr> <tr><td>GN</td><td>57C</td><td>12</td><td>OR</td></tr> <tr><td>BN</td><td>68B</td><td>12</td><td>BN</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	WH	-	-	-	BK	58R	12	BN	YL	56C	12	OR	RD	70C	10	OR	GN	57C	12	OR	BN	68B	12	BN																
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BN	68B	12	BN																																																		
RIGHT CAB DOME LIGHT (115) (LOCATED AT RIGHT ROOF AREA) ROOF HARNESS  CONNECTOR 587568C91 LIGHT PIGTAIL  CONNECTOR 587567C91					<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>A16BL</td><td>16</td><td>BL</td><td>0587575C1</td><td>0589391C1</td></tr> <tr><td>A*</td><td>A63S</td><td>16</td><td>DKBL</td><td>0587575C1</td><td>0589391C1</td></tr> <tr><td>B#</td><td>A16YL</td><td>16</td><td>YL</td><td>0587575C1</td><td>0589391C1</td></tr> <tr><td>B*</td><td>A63Y</td><td>16</td><td>DKBL</td><td>0587575C1</td><td>0589391C1</td></tr> </tbody> </table> * W/ SKYRISE # N/ SKYRISE					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A#	A16BL	16	BL	0587575C1	0589391C1	A*	A63S	16	DKBL	0587575C1	0589391C1	B#	A16YL	16	YL	0587575C1	0589391C1	B*	A63Y	16	DKBL	0587575C1	0589391C1														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																
A#	A16BL	16	BL	0587575C1	0589391C1																																																
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<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <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>DLV1</td> <td>12JAN11</td> <td>INITIAL RELEASE.</td> <td>A</td> <td>61879Y</td> <td>300371</td> <td>CIRCUIT DIAGRAM, PAYSTAR</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>61879Y</td> <td>17SEP09</td> </tr> <tr> <td colspan="5"></td> <td>PART NO.</td> <td>SHEET</td> </tr> <tr> <td colspan="5"></td> <td>AE08058092</td> <td>013</td> </tr> </tbody> </table>										CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	DLV1	12JAN11	INITIAL RELEASE.	A	61879Y	300371	CIRCUIT DIAGRAM, PAYSTAR						RELEASE NO.	DATE						61879Y	17SEP09						PART NO.	SHEET						AE08058092	013		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																															
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Figure 204 Connector Composites (112 / 113 / 115)

13.18. CONNECTOR COMPOSITES (127A / 128 / 137M / 141F), P. 14

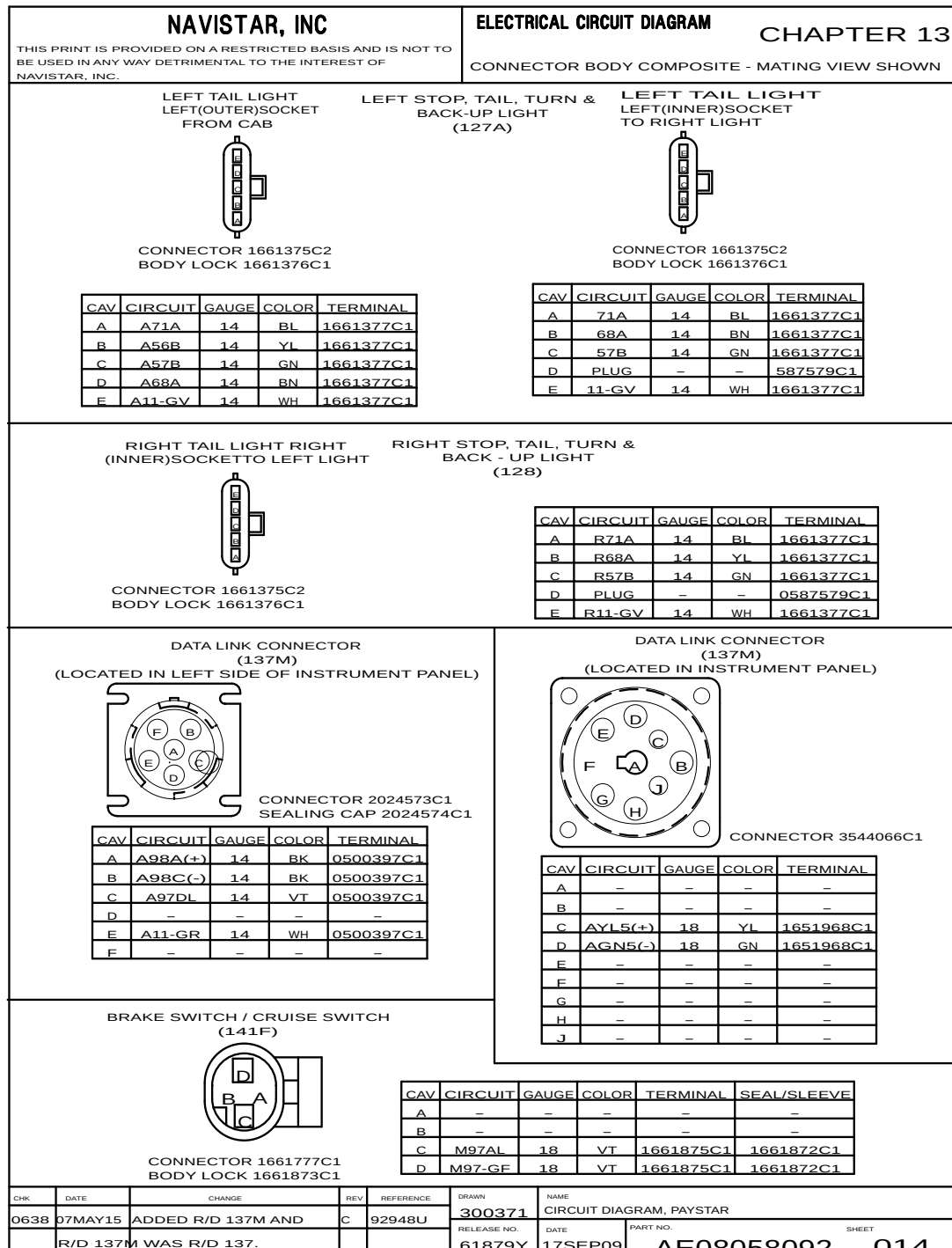


Figure 205 Connector Composites (127A / 128 / 137M / 141F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.19. CONNECTOR COMPOSITES (141F / 142M / 143M / 144M), P. 15

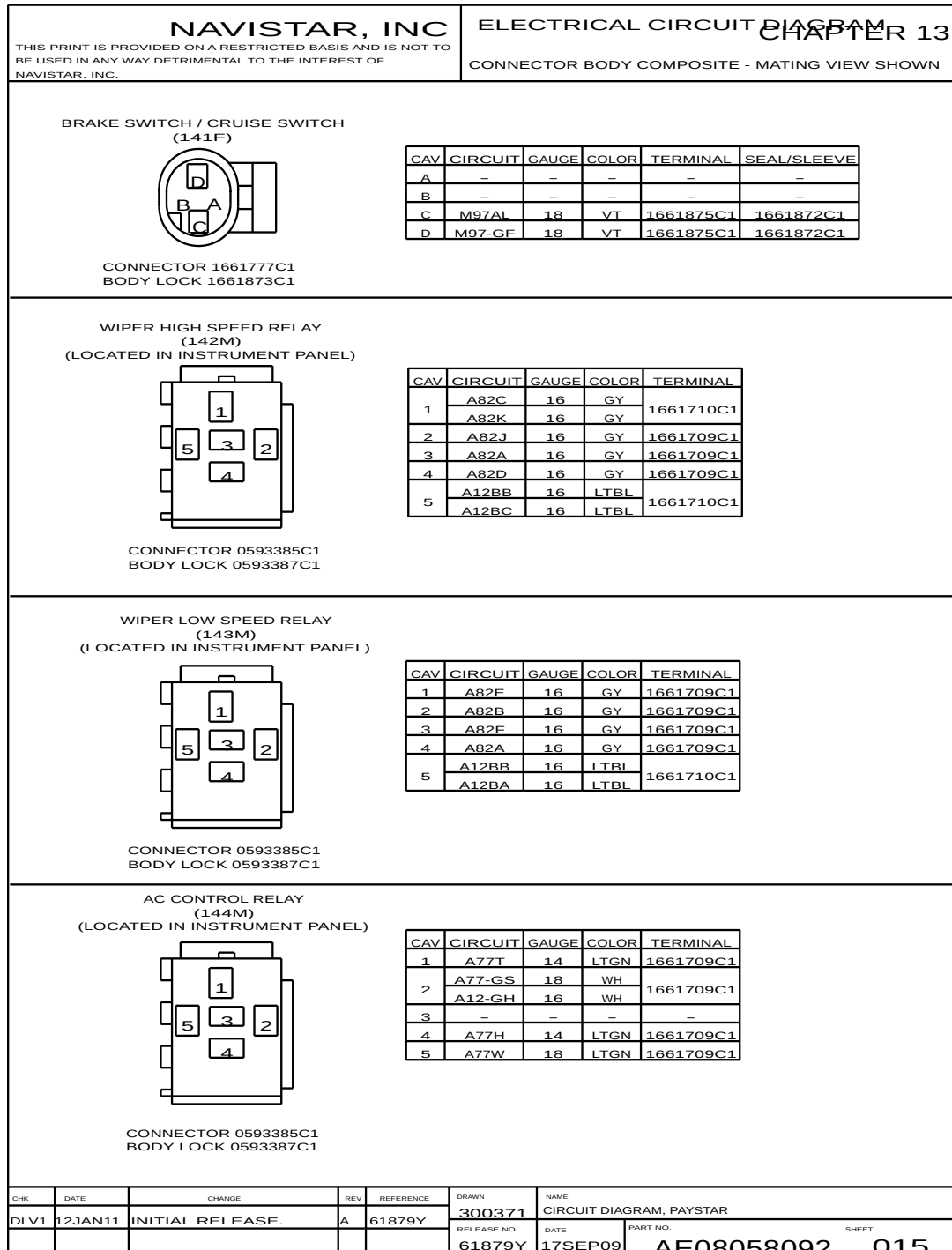


Figure 206 Connector Composites (141F / 142M / 143M / 144M)

13.20. CONNECTOR COMPOSITES (145M / 146M / 147M), P. 16

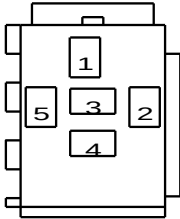
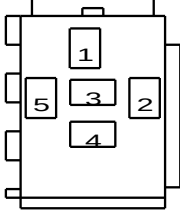
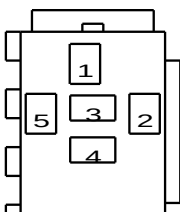
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																														
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ACCESSORY FEED RELAY (145M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 0593385C1 BODY LOCK 0593387C1 <table border="1" style="width: 100%; border-collapse: 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>A14BJ</td> <td>10</td> <td>RD</td> <td>1661710C1</td> </tr> <tr> <td>2</td> <td>A12-GH</td> <td>16</td> <td>WH</td> <td>1661709C1</td> </tr> <tr> <td>3</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>4</td> <td>A12AD</td> <td>10</td> <td>LTBL</td> <td>1661710C1</td> </tr> <tr> <td>5</td> <td>A12AC</td> <td>12</td> <td>LTBL</td> <td>1661710C1</td> </tr> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A14BJ	10	RD	1661710C1	2	A12-GH	16	WH	1661709C1	3	-	-	-	-	4	A12AD	10	LTBL	1661710C1	5	A12AC	12	LTBL	1661710C1												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																															
1	A14BJ	10	RD	1661710C1																																															
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3	-	-	-	-																																															
4	A12AD	10	LTBL	1661710C1																																															
5	A12AC	12	LTBL	1661710C1																																															
AIR DRYER RELAY (146M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 0593385C1 BODY LOCK 0593387C1 <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>A39A</td> <td>16</td> <td>GY</td> <td>1661709C1</td> </tr> <tr> <td>2</td> <td>A13-GAD</td> <td>18</td> <td>WH</td> <td>1659673C1</td> </tr> <tr> <td>3</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>4</td> <td>A39B</td> <td>16</td> <td>GY</td> <td>1661709C1</td> </tr> <tr> <td>5</td> <td>A13AH</td> <td>14</td> <td>PK</td> <td>1661709C1</td> </tr> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A39A	16	GY	1661709C1	2	A13-GAD	18	WH	1659673C1	3	-	-	-	-	4	A39B	16	GY	1661709C1	5	A13AH	14	PK	1661709C1												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																															
1	A39A	16	GY	1661709C1																																															
2	A13-GAD	18	WH	1659673C1																																															
3	-	-	-	-																																															
4	A39B	16	GY	1661709C1																																															
5	A13AH	14	PK	1661709C1																																															
HEADLIGHT DIMMER RELAY (147M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 0593385C1 BODY LOCK 0593387C1 <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>A51A</td> <td>14</td> <td>YL</td> <td>1661709C1</td> </tr> <tr> <td>2</td> <td>A52N</td> <td>16</td> <td>YL</td> <td>1661709C1</td> </tr> <tr> <td rowspan="2">3</td> <td>A53B</td> <td>14</td> <td>YL</td> <td rowspan="2">1661710C1</td> </tr> <tr> <td>A64C</td> <td>14</td> <td>YL</td> </tr> <tr> <td rowspan="2">4</td> <td>A52B</td> <td>14</td> <td>YL</td> <td rowspan="2">1661710C1</td> </tr> <tr> <td>A52F</td> <td>12</td> <td>YL</td> </tr> <tr> <td>5</td> <td>A52M</td> <td>16</td> <td>YL</td> <td>1661709C1</td> </tr> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A51A	14	YL	1661709C1	2	A52N	16	YL	1661709C1	3	A53B	14	YL	1661710C1	A64C	14	YL	4	A52B	14	YL	1661710C1	A52F	12	YL	5	A52M	16	YL	1661709C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																															
1	A51A	14	YL	1661709C1																																															
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					61879Y	17SEP09																																													
					PART NO.	SHEET																																													
					AE08058092	016																																													

Figure 207 Connector Composites (145M / 146M / 147M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.21. CONNECTOR COMPOSITES (148M / 149M / 152M), P. 17

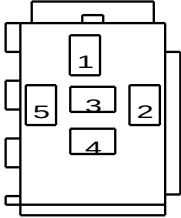
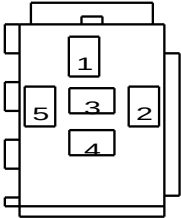
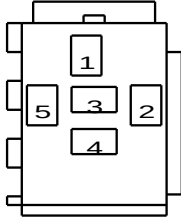
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ECM PARK BRAKE RELAY (148M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 0593385C1 BODY LOCK 0593387C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A44EB</td> <td>18</td> <td>PK</td> <td>1661709C1</td> </tr> <tr> <td>2</td> <td>A44EA</td> <td>18</td> <td>PK</td> <td>1659673C1</td> </tr> <tr> <td>3</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>4</td> <td>A44EC</td> <td>18</td> <td>GY</td> <td>1659673C1</td> </tr> <tr> <td>5</td> <td>A44-GE</td> <td>18</td> <td>WH</td> <td>1659673C1</td> </tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A44EB	18	PK	1661709C1	2	A44EA	18	PK	1659673C1	3	-	-	-	-	4	A44EC	18	GY	1659673C1	5	A44-GE	18	WH	1659673C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																	
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2	A44EA	18	PK	1659673C1																																	
3	-	-	-	-																																	
4	A44EC	18	GY	1659673C1																																	
5	A44-GE	18	WH	1659673C1																																	
CLUTCH/CRUISE CONT. RELAY (149M)  CONNECTOR 0593385C1 BODY LOCK 0593387C1 <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>A97CN</td> <td>18</td> <td>VT</td> <td>1659673C1</td> </tr> <tr> <td>2</td> <td>A97-GA</td> <td>18</td> <td>VT</td> <td>1659673C1</td> </tr> <tr> <td>3</td> <td>A97AH</td> <td>18</td> <td>VT</td> <td>1659673C1</td> </tr> <tr> <td>4</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>5</td> <td>A97AJ</td> <td>18</td> <td>VT</td> <td>1659673C1</td> </tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A97CN	18	VT	1659673C1	2	A97-GA	18	VT	1659673C1	3	A97AH	18	VT	1659673C1	4	-	-	-	-	5	A97AJ	18	VT	1659673C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																	
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3	A97AH	18	VT	1659673C1																																	
4	-	-	-	-																																	
5	A97AJ	18	VT	1659673C1																																	
ABS TRAILER RELAY (152M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 0593385C1 BODY LOCK 0593387C1 <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>A94AH</td> <td>10</td> <td>GY</td> <td>1661710C1</td> </tr> <tr> <td>2</td> <td>A13CP</td> <td>14</td> <td>PK</td> <td>1661709C1</td> </tr> <tr> <td>3</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>4</td> <td>A94AF</td> <td>10</td> <td>GY</td> <td>1661710C1</td> </tr> <tr> <td>5</td> <td>A13-GCP</td> <td>14</td> <td>WH</td> <td>1661709C1</td> </tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A94AH	10	GY	1661710C1	2	A13CP	14	PK	1661709C1	3	-	-	-	-	4	A94AF	10	GY	1661710C1	5	A13-GCP	14	WH	1661709C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																	
1	A94AH	10	GY	1661710C1																																	
2	A13CP	14	PK	1661709C1																																	
3	-	-	-	-																																	
4	A94AF	10	GY	1661710C1																																	
5	A13-GCP	14	WH	1661709C1																																	
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																															
MJVO	16MAR16	UPDATED CIRCUIT	C	93408S	300371	CIRCUIT DIAGRAM, PAYSTAR																															
PREFIX OF R/D 149M.					RELEASE NO.	DATE	PART NO.																														
					61879Y	17SEP09	AE08058092 017																														

Figure 208 Connector Composites (148M / 149M / 152M)

13.22. CONNECTOR COMPOSITES (152M / 153A / 153M / 161M / 162F), P. 18

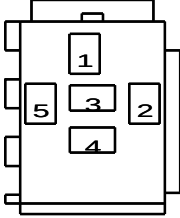
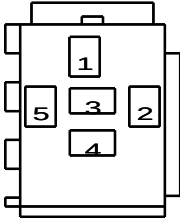
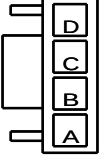
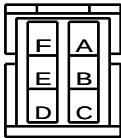
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ABS POWER RELAY (152M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 0593385C1 BODY LOCK 0593387C1				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>A14AN</td><td>10</td><td>RD</td><td>1661710C1</td></tr> <tr><td>1*</td><td>A94AH</td><td>10</td><td>GY</td><td>1661710C1</td></tr> <tr><td>2&</td><td>A13X</td><td>14</td><td>PK</td><td>1661710C1</td></tr> <tr><td>2&</td><td>A13W</td><td>14</td><td>PK</td><td>1661710C1</td></tr> <tr><td>2*</td><td>A13CP</td><td>14</td><td>PK</td><td>1661709C1</td></tr> <tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>A94A</td><td>10</td><td>RD</td><td>1661710C1</td></tr> <tr><td>4*</td><td>A94AF</td><td>10</td><td>GY</td><td>16617010C1</td></tr> <tr><td>5</td><td>A94-GC</td><td>18</td><td>WH</td><td>1659673C1</td></tr> <tr><td>5*</td><td>A13-GCP</td><td>14</td><td>WH</td><td>1661709C1</td></tr> </tbody> </table> & MUTUAL EXCLUSIVE * W/ 15L ISX ENGINE				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A14AN	10	RD	1661710C1	1*	A94AH	10	GY	1661710C1	2&	A13X	14	PK	1661710C1	2&	A13W	14	PK	1661710C1	2*	A13CP	14	PK	1661709C1	3	-	-	-	-	4	A94A	10	RD	1661710C1	4*	A94AF	10	GY	16617010C1	5	A94-GC	18	WH	1659673C1	5*	A13-GCP	14	WH	1661709C1
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CLUTCH STARTER INTERLOCK RELAY (153M)/(153A)  CONNECTOR 0593385C1 BODY LOCK 0593387C1				<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>A17DB</td><td>14</td><td>PK</td><td>1661709C1</td></tr> <tr><td>2</td><td>A17D-GH</td><td>14</td><td>WH</td><td>1661709C1</td></tr> <tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>A17B</td><td>14</td><td>PK</td><td>1661709C1</td></tr> <tr><td>5</td><td>A17DC</td><td>14</td><td>WH</td><td>1661709C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A17DB	14	PK	1661709C1	2	A17D-GH	14	WH	1661709C1	3	-	-	-	-	4	A17B	14	PK	1661709C1	5	A17DC	14	WH	1661709C1																									
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HEATER CONNECTOR #1 (161M)  CONNECTOR 1661204C1				<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>A75F</td><td>10</td><td>LTGN</td><td>1661227C1</td></tr> <tr><td>B</td><td>A75BH</td><td>14</td><td>LTGN</td><td>1661226C1</td></tr> <tr><td>C</td><td>A75T</td><td>14</td><td>LTGN</td><td>1661226C1</td></tr> <tr><td>D</td><td>A75-G</td><td>10</td><td>WH</td><td>1661227C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A75F	10	LTGN	1661227C1	B	A75BH	14	LTGN	1661226C1	C	A75T	14	LTGN	1661226C1	D	A75-G	10	WH	1661227C1																														
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HEATER CONNECTOR #2 (162F)  CONNECTOR 1661201C1				<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>A75BJ</td><td>18</td><td>LTGN</td><td>1661212C1</td></tr> <tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>A77H</td><td>14</td><td>LTGN</td><td>3534167C1</td></tr> <tr><td>D</td><td>A77R</td><td>18</td><td>LTGN</td><td>1661212C1</td></tr> <tr><td>E</td><td>A77F</td><td>14</td><td>LTGN</td><td>3534167C1</td></tr> <tr><td>F</td><td>A75C</td><td>14</td><td>LTGN</td><td>3534167C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A75BJ	18	LTGN	1661212C1	B	-	-	-	-	C	A77H	14	LTGN	3534167C1	D	A77R	18	LTGN	1661212C1	E	A77F	14	LTGN	3534167C1	F	A75C	14	LTGN	3534167C1																				
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Figure 209 Connector Composites (152M / 153A / 153M / 161M / 162F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.23. CONNECTOR COMPOSITES (165 / 167M / 170M / 171M), P. 19

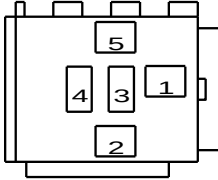
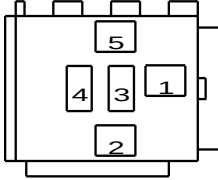
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ABS WARNING LIGHT RELAY (165)  CONNECTOR 0593385C1 BODY LOCK 0593387C1					<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A94E</td> <td>18</td> <td>GY</td> <td>1659673C1</td> </tr> <tr> <td>2#</td> <td>A94B</td> <td>14</td> <td>GY</td> <td>1661710C1</td> </tr> <tr> <td></td> <td>A92ST</td> <td>14</td> <td>GY</td> <td></td> </tr> <tr> <td>2*</td> <td>A94B</td> <td>14</td> <td>GY</td> <td>1661710C1</td> </tr> <tr> <td></td> <td>A94C</td> <td>14</td> <td>GY</td> <td></td> </tr> <tr> <td>3</td> <td>A94-G</td> <td>16</td> <td>WH</td> <td>1661710C1</td> </tr> <tr> <td></td> <td>A94-GA</td> <td>16</td> <td>WH</td> <td></td> </tr> <tr> <td>4</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>5</td> <td>A94H</td> <td>16</td> <td>GY</td> <td>1661709C1</td> </tr> </tbody> </table> # W/ BENDIX * N/ BENDIX					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A94E	18	GY	1659673C1	2#	A94B	14	GY	1661710C1		A92ST	14	GY		2*	A94B	14	GY	1661710C1		A94C	14	GY		3	A94-G	16	WH	1661710C1		A94-GA	16	WH		4	-	-	-	-	5	A94H	16	GY	1661709C1
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4	-	-	-	-																																																							
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SPARE ACC SWITCH RELAY (167M)  CONNECTOR 0593385C1 BODY LOCK 0593387C1					<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>A14AS</td> <td>10</td> <td>RD</td> <td>1661710C1</td> </tr> <tr> <td>2</td> <td>A12S</td> <td>12</td> <td>LTBL</td> <td>1661710C1</td> </tr> <tr> <td>3</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>4</td> <td>A14AF</td> <td>10</td> <td>RD</td> <td>1661710C1</td> </tr> <tr> <td>5</td> <td>A12-GS</td> <td>18</td> <td>WH</td> <td>1659673C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A14AS	10	RD	1661710C1	2	A12S	12	LTBL	1661710C1	3	-	-	-	-	4	A14AF	10	RD	1661710C1	5	A12-GS	18	WH	1659673C1																				
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LEFT SIDE TURN LIGHT (170M) (LOCATED AT BEHIND INSTRUMENT PANEL LEFT SIDE)  CONNECTOR 0969541R1					<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>A56</td> <td>12</td> <td>OR</td> <td>1677840C1</td> </tr> <tr> <td></td> <td>A56D</td> <td>12</td> <td>OR</td> <td>1677840C1</td> </tr> <tr> <td>B</td> <td>A56-GA</td> <td>16</td> <td>WH</td> <td>0333733C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A56	12	OR	1677840C1		A56D	12	OR	1677840C1	B	A56-GA	16	WH	0333733C1																														
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Figure 210 Connector Composites (165 / 167M / 170M / 171M)

13.24. CONNECTOR COMPOSITES (190), P. 20

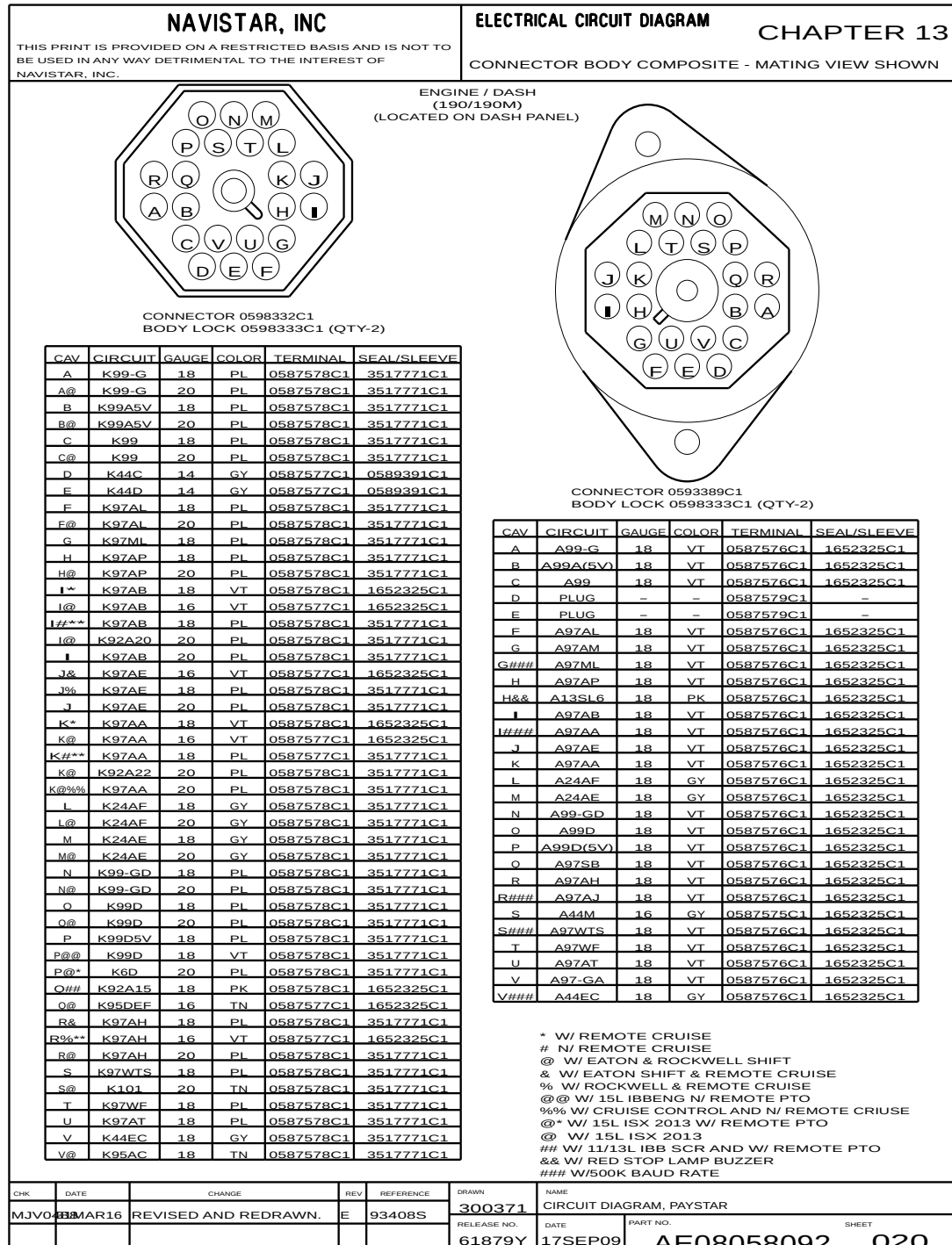


Figure 211 Connector Composites (190)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.25. CONNECTOR COMPOSITES (200M / 201M), P. 21

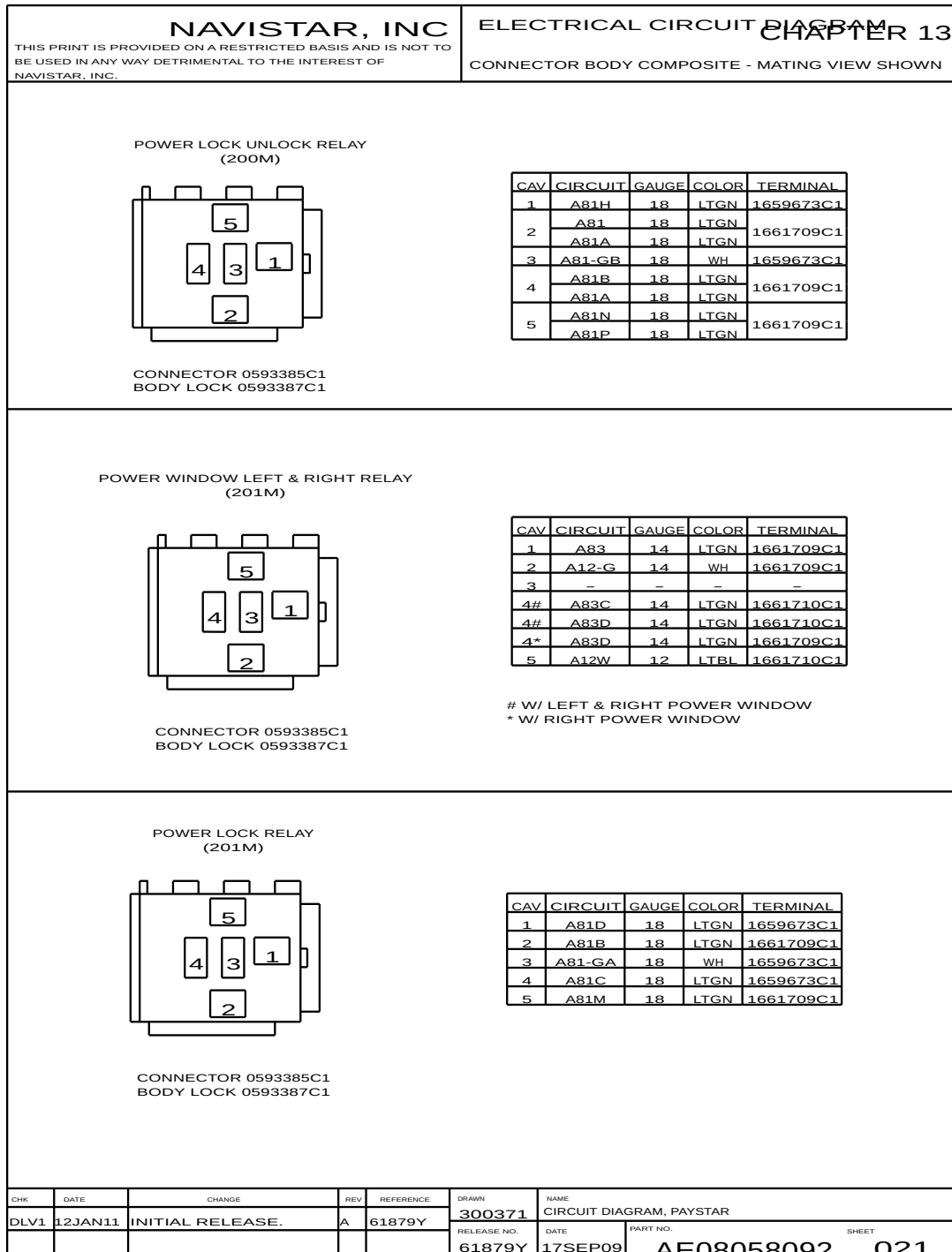


Figure 212 Connector Composites (200M / 201M)

13.26. CONNECTOR COMPOSITES (201M / 202M / 203 / 203G), P. 22

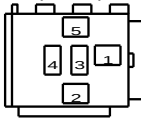
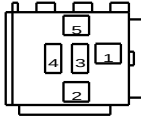
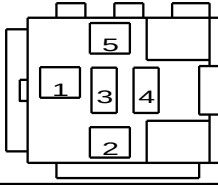
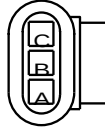
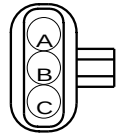
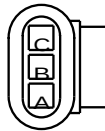
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																					
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CTD RELAY (201M)  CONNECTOR 0593385C1 BODY LOCK 0593387C1 @@ W/ 500K BAUD RATE REGULATORY				<table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr><tr><td>1</td><td>A13BD</td><td>18</td><td>GY</td><td>1659673C1</td></tr><tr><td>2</td><td>A49C</td><td>18</td><td>GY</td><td>1659673C1</td></tr><tr><td>3</td><td>A49</td><td>18</td><td>GY</td><td>1659673C1</td></tr><tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>5</td><td>A13BC</td><td>18</td><td>PK</td><td>1661709C1</td></tr><tr><td>5@@</td><td>A13BD</td><td>18</td><td>GY</td><td>1661709C1</td></tr></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A13BD	18	GY	1659673C1	2	A49C	18	GY	1659673C1	3	A49	18	GY	1659673C1	4	-	-	-	-	5	A13BC	18	PK	1661709C1	5@@	A13BD	18	GY	1661709C1	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																							
1	A13BD	18	GY	1659673C1																																							
2	A49C	18	GY	1659673C1																																							
3	A49	18	GY	1659673C1																																							
4	-	-	-	-																																							
5	A13BC	18	PK	1661709C1																																							
5@@	A13BD	18	GY	1661709C1																																							
START ENABLE RELAY (201M)  CONNECTOR 0593385C1 BODY LOCK 0593387C1				<table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr><tr><td>1</td><td>17A</td><td>12</td><td>PK</td><td>1661710C1</td></tr><tr><td>2</td><td>17-GA</td><td>16</td><td>WH</td><td>1661709C1</td></tr><tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>4</td><td>17EM</td><td>16</td><td>PK</td><td>1661710C1</td></tr><tr><td></td><td>17X</td><td>14</td><td>PK</td><td></td></tr><tr><td>5</td><td>17EA</td><td>16</td><td>PK</td><td>1661709C1</td></tr></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	17A	12	PK	1661710C1	2	17-GA	16	WH	1661709C1	3	-	-	-	-	4	17EM	16	PK	1661710C1		17X	14	PK		5	17EA	16	PK	1661709C1	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																							
1	17A	12	PK	1661710C1																																							
2	17-GA	16	WH	1661709C1																																							
3	-	-	-	-																																							
4	17EM	16	PK	1661710C1																																							
	17X	14	PK																																								
5	17EA	16	PK	1661709C1																																							
APADS FAN CTRL RELAY (202M) 				<table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr><tr><td>1</td><td>A77AY</td><td>16</td><td>LT GN</td><td>1661709C1</td></tr><tr><td>2</td><td>A33AC</td><td>16</td><td>WH</td><td>1661709C1</td></tr><tr><td>3</td><td>A23AC</td><td>16</td><td>LT GN</td><td>1661709C1</td></tr><tr><td>4</td><td>PLUG</td><td></td><td></td><td></td></tr><tr><td>5</td><td>A77AX</td><td>16</td><td>LT GN</td><td>1661709C1</td></tr></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A77AY	16	LT GN	1661709C1	2	A33AC	16	WH	1661709C1	3	A23AC	16	LT GN	1661709C1	4	PLUG				5	A77AX	16	LT GN	1661709C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																							
1	A77AY	16	LT GN	1661709C1																																							
2	A33AC	16	WH	1661709C1																																							
3	A23AC	16	LT GN	1661709C1																																							
4	PLUG																																										
5	A77AX	16	LT GN	1661709C1																																							
J1939 TERMINATING RESISTOR (203) (LOCATED IN INSTRUMENT PANEL LEFT SIDE)  CONNECTOR 1667741C1 BODY LOCK 1667771C1 @ W/500K BAUD RATE				<table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr><tr><td>A</td><td>A8YL(+)</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td></tr><tr><td>A@</td><td>A5B(+)</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td></tr><tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>-</td></tr><tr><td>C</td><td>A8GN(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr><tr><td>C@</td><td>A5B(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A8YL(+)	18	YL	1661875C1	3568570C1	A@	A5B(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	C	A8GN(-)	18	GN	1661875C1	3568570C1	C@	A5B(-)	18	GN	1661875C1	3568570C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																						
A	A8YL(+)	18	YL	1661875C1	3568570C1																																						
A@	A5B(+)	18	YL	1661875C1	3568570C1																																						
B	PLUG	-	-	2025431C1	-																																						
C	A8GN(-)	18	GN	1661875C1	3568570C1																																						
C@	A5B(-)	18	GN	1661875C1	3568570C1																																						
J1939 BACKBONE (203G) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 1667740C1 BODY LOCK 1667771C1				<table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr><tr><td>A</td><td>A10YL(+)</td><td>18</td><td>YL</td><td>1667742C1</td><td>3568570C1</td></tr><tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>-</td></tr><tr><td>C</td><td>A10GN(-)</td><td>18</td><td>GN</td><td>1667742C1</td><td>3568570C1</td></tr></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A10YL(+)	18	YL	1667742C1	3568570C1	B	PLUG	-	-	2025431C1	-	C	A10GN(-)	18	GN	1667742C1	3568570C1												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																						
A	A10YL(+)	18	YL	1667742C1	3568570C1																																						
B	PLUG	-	-	2025431C1	-																																						
C	A10GN(-)	18	GN	1667742C1	3568570C1																																						
J1939 BACKBONE 250K (203G)  CONNECTOR 1667741C1 BODY LOCK 1667771C1				<table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr><tr><td>A</td><td>A5F(+)</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td></tr><tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>-</td></tr><tr><td>C</td><td>A5F(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A5F(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	C	A5F(-)	18	GN	1661875C1	3568570C1												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																						
A	A5F(+)	18	YL	1661875C1	3568570C1																																						
B	PLUG	-	-	2025431C1	-																																						
C	A5F(-)	18	GN	1661875C1	3568570C1																																						
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																					
MJV04	03MAR16	ADDED CIRCUIT A5B(+)	F	93408S	300371	CIRCUIT DIAGRAM, PAYSTAR																																					
		AND A5B(-) AT R/D 203.			RELEASE NO.	DATE	PART NO.																																				
					61879Y	17SEP09	AE08058092																																				
						SHEET	022																																				

Figure 213 Connector Composites (201M / 202M / 203 / 203G)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.27. CONNECTOR COMPOSITES (201M / 204 / 205), P. 22A

NAVISTAR, INC

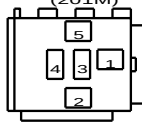
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ELECTRICAL CIRCUIT DIAGRAM

CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN

CHAPTER 13

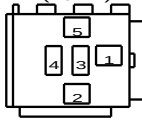
BUZZER
(201M)



CONNECTOR 0593385C1
BODY LOCK 0593387C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	BROWN	16	BN	1661709C1
2	-	-	-	-
3	A44	16	GY	1661710C1
3	BLACK	16	BK	1661710C1
4	-	-	-	-
5	-	-	-	-

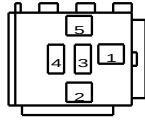
APADS RELAY
(201M)



CONNECTOR 0593385C1
BODY LOCK 0593387C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A77AC	16	LT GN	1661709C1
2	A77-GAB	16	WH	1661709C1
3	-	-	-	-
4	A77AD	16	LT GN	1661709C1
5	A77AB	16	PK	1661709C1

ENGINE STOP ALARM
(201M)
(LOCATED IN INSTRUMENTAL PANEL)

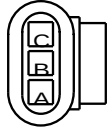


CONNECTOR 0593385C1
BODY LOCK 0593387C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1@	A13SL3	18	PK	1659673C1
2	-	-	-	-
3@	A13SL1	18	PK	1659673C1
4	-	-	-	-
5	-	-	-	-

@ W/ RED STOP LAMP BUZZER

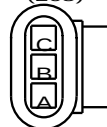
J1939 TERMINATING
RESISTER 250K
(204)
(LOCATED IN INSTRUMENT PANEL)



CONNECTOR 1667741C1
BODY LOCK 1667771C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
A	A5K(+)	18	YL	1661875C1	3568570C1
B	PLUG	-	-	-	2025431C1
C	A5K(-)	18	GN	1661875C1	3568570C1

J1939 TERM
RESIST BACKBONE 500K
(205)



CONNECTOR 1667741C1
BODY LOCK 1667771C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
A	A5M(+)	18	YL	1661875C1	3568570C1
B	PLUG	-	-	-	2025431C1
C	A5M(-)	18	GN	1661875C1	3568570C1

CHK

DATE

CHANGE

REV

REFERENCE

DRAWN

NAME

MJV0088

13MAR16

REVISED AND REDRAWN.

E

93408S

MJV0088

CIRCUIT DIAGRAM, PAYSTAR

RELEASE NO.

DATE

PART NO.

SHEET

91786V

12MAR13

AE08058092

22A

Figure 214 Connector Composites (201M / 204 / 205)

13.28. CONNECTOR COMPOSITES (205G / 205M), P. 22B

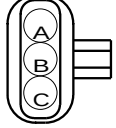
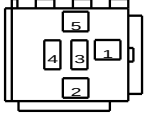
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																						
J1939 500K BACKBONE (205G)  CONNECTOR 1667740C1 BODY LOCK 1667771C1					<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 /SLV</th></tr></thead><tbody><tr><td>A</td><td>A5N(+)</td><td>18</td><td>YL</td><td>1667742C1</td><td>3568570C1</td></tr><tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>-</td></tr><tr><td>C</td><td>A5N(-)</td><td>18</td><td>GN</td><td>1667742C1</td><td>3568570C1</td></tr></tbody></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL /SLV	A	A5N(+)	18	YL	1667742C1	3568570C1	B	PLUG	-	-	2025431C1	-	C	A5N(-)	18	GN	1667742C1	3568570C1											
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL /SLV																																						
A	A5N(+)	18	YL	1667742C1	3568570C1																																						
B	PLUG	-	-	2025431C1	-																																						
C	A5N(-)	18	GN	1667742C1	3568570C1																																						
DIFF LOCK RELAY (205M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 0593385C1					<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>A62GE</td><td>16</td><td>WH</td><td>1661709C1</td></tr><tr><td>1</td><td>A49GF</td><td>18</td><td>LT BL</td><td>1661709C1</td></tr><tr><td>2</td><td>A49LC</td><td>18</td><td>LT BL</td><td>1659673C1</td></tr><tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>4</td><td>A49LF</td><td>18</td><td>LT BL</td><td>1659673C1</td></tr><tr><td>5</td><td>A49GF</td><td>18</td><td>LT BL</td><td>1659673C1</td></tr></tbody></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A62GE	16	WH	1661709C1	1	A49GF	18	LT BL	1661709C1	2	A49LC	18	LT BL	1659673C1	3	-	-	-	-	4	A49LF	18	LT BL	1659673C1	5	A49GF	18	LT BL	1659673C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																							
1	A62GE	16	WH	1661709C1																																							
1	A49GF	18	LT BL	1661709C1																																							
2	A49LC	18	LT BL	1659673C1																																							
3	-	-	-	-																																							
4	A49LF	18	LT BL	1659673C1																																							
5	A49GF	18	LT BL	1659673C1																																							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																					
MJV0	13MAR16	INITIAL RELEASE.	A	93408S	MJV0223	CIRCUIT DIAGRAM, PAYSTAR																																					
					RELEASE NO.	DATE	PART NO.	SHEET																																			
					93408S	19JAN16	AE08058092	22B																																			

Figure 215 Connector Composites (205G / 205M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.29. CONNECTOR COMPOSITES (209 / 211M / 214 / 221), P. 23

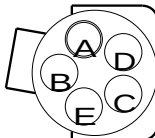
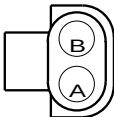
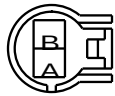
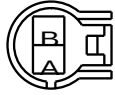
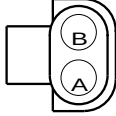
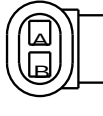
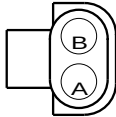
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																											
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BLOWER MOTOR (209) (CONNECTION AT MOTOR)  CONNECTOR 1669972C1				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <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>A75F</td> <td>10</td> <td>LTGN</td> <td>1661211C1</td> </tr> <tr> <td>B</td> <td>A75T</td> <td>14</td> <td>LTGN</td> <td>1661211C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A75F	10	LTGN	1661211C1	B	A75T	14	LTGN	1661211C1																											
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																													
A	A75F	10	LTGN	1661211C1																																													
B	A75T	14	LTGN	1661211C1																																													
RIGHT HEADLIGHT (211M) (LOCATED ON UNDERSIDE OF HOOD BY HEADLIGHT MODULE-RIGHT SIDE)  CONNECTOR 1673752C1				<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>M52E</td> <td>12</td> <td>YL</td> <td>1673747C1</td> <td>0589390C1</td> </tr> <tr> <td>B</td> <td>M52-GA</td> <td>12</td> <td>WH</td> <td>1673747C1</td> <td>0589390C1</td> </tr> <tr> <td>C</td> <td>M53C</td> <td>12</td> <td>YL</td> <td>1673747C1</td> <td>0589390C1</td> </tr> <tr> <td>D</td> <td>M57</td> <td>14</td> <td>OR</td> <td>0587575C1</td> <td>0589391C1</td> </tr> <tr> <td>D*</td> <td>M57A</td> <td>14</td> <td>OR</td> <td>0587575C1</td> <td>0589391C1</td> </tr> <tr> <td>E</td> <td>M58U</td> <td>14</td> <td>BN</td> <td>0587575C1</td> <td>0589391C1</td> </tr> </tbody> </table> * W/ 15L ISX ENGINE.				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M52E	12	YL	1673747C1	0589390C1	B	M52-GA	12	WH	1673747C1	0589390C1	C	M53C	12	YL	1673747C1	0589390C1	D	M57	14	OR	0587575C1	0589391C1	D*	M57A	14	OR	0587575C1	0589391C1	E	M58U	14	BN	0587575C1	0589391C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																												
A	M52E	12	YL	1673747C1	0589390C1																																												
B	M52-GA	12	WH	1673747C1	0589390C1																																												
C	M53C	12	YL	1673747C1	0589390C1																																												
D	M57	14	OR	0587575C1	0589391C1																																												
D*	M57A	14	OR	0587575C1	0589391C1																																												
E	M58U	14	BN	0587575C1	0589391C1																																												
RIGHT HEADLIGHT (211M) (LOCATED ON UNDERSIDE OF HOOD BY HEADLIGHT MODULE-RIGHT SIDE)  CONNECTOR 0587568C91				<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>M52E</td> <td>12</td> <td>YL</td> <td>1673747C1</td> <td>0589390C1</td> </tr> <tr> <td>B</td> <td>M53C</td> <td>12</td> <td>YL</td> <td>1673747C1</td> <td>0589390C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M52E	12	YL	1673747C1	0589390C1	B	M53C	12	YL	1673747C1	0589390C1																								
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																												
A	M52E	12	YL	1673747C1	0589390C1																																												
B	M53C	12	YL	1673747C1	0589390C1																																												
LOW PRESSURE SAFETY SWITCH (214)  CONNECTOR 2002712C1				<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>77P</td> <td>18</td> <td>LTGN</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>77E</td> <td>18</td> <td>LTGN</td> <td>1651943C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	77P	18	LTGN	1651943C1	B	77E	18	LTGN	1651943C1																											
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																													
A	77P	18	LTGN	1651943C1																																													
B	77E	18	LTGN	1651943C1																																													
HIGH PRESSURE SAFETY SWITCH (221)  CONNECTOR 2002712C1				<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>77N</td> <td>18</td> <td>LTGN</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>77J</td> <td>18</td> <td>LTGN</td> <td>1651943C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	77N	18	LTGN	1651943C1	B	77J	18	LTGN	1651943C1																											
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																													
A	77N	18	LTGN	1651943C1																																													
B	77J	18	LTGN	1651943C1																																													
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																											
012	17APR13	ADDED CIRC: M57A	C	91786V	300371	CIRCUIT DIAGRAM, PAYSTAR																																											
					RELEASE NO.	DATE	PART NO.																																										
					61879Y	17SEP09	AE08058092																																										
						SHEET	023																																										

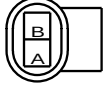
Figure 216 Connector Composites (209 / 211M / 214 / 221)

13.30. CONNECTOR COMPOSITES (227 / 228 / 230 / 236 / 236F / 244F), P. 24

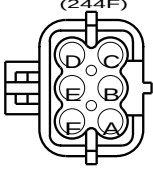
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN									
 FAN SOLENOID (227) (LOCATED ON ENGINE) CONNECTOR 0587568C91					 CONNECTOR 3522068C1 BODY LOCK 1661874C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE			
A	KC23	18	TN	0587576C1	3517771C1	A	KC23	18	TN	1661875C1	3517771C1			
B	K23-G	18	WH	0587576C1	3517771C1	B	K23-G	18	WH	1661875C1	3517771C1			

 AC PRESSURE SWITCH (228) (LOCATED ON ENGINE) CONNECTOR 0587568C91					* W/AIR CONDITIONING & W/ FAN OVERRIDE & N/ APADS # W/AIRCONDITIONING & N/FAN OVERRIDE;APADS @ W/15L ISX 2013M						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K31	18	TN	2036586C1	-	A	K23C	18	TN	0587576C1	1652325C1
*A	K23C	18	TN	0587576C1	3517771C1	#A	K23C	18	TN	0587576C1	3517771C1
A@	K23C	20	TN	0587576C1	3517771C1	B	K31-G	16	TN	2036586C1	-
B	K31-G	16	TN	2036586C1	-	*B	K23T	18	TN	0587576C1	1652325C1
*B	K23T	18	TN	0587576C1	1652325C1	#B	K23T	18	TN	0587576C1	3517771C1
B@	K23-G	18	PK	0587576C1	1652325C1	B@	K23-G	18	PK	0587576C1	1652325C1

 BACK - UP LIGHT SWITCH (230) (LOCATED ON TOP OF TRANSMISSION) CONNECTOR AM-89000 #7					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">CAV</td><td style="text-align: center;">CIRCUIT</td><td style="text-align: center;">GAUGE</td><td style="text-align: center;">COLOR</td><td style="text-align: center;">TERMINAL</td><td style="text-align: center;">SEAL/SLEEVE</td> </tr> <tr> <td>A</td><td>BLACK</td><td>16</td><td>BK</td><td>1661875C1</td><td>1661872C1</td> </tr> <tr> <td>B</td><td>WHITE</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td> </tr> <tr> <td>C</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td> </tr> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	BLACK	16	BK	1661875C1	1661872C1	B	WHITE	16	WH	1661875C1	1661872C1	C	-	-	-	-	-
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																														
A	BLACK	16	BK	1661875C1	1661872C1																														
B	WHITE	16	WH	1661875C1	1661872C1																														
C	-	-	-	-	-																														

 XMSN OIL TEMP SENDER (236) (LOCATED ON XMSN) CONNECTOR 2036584C1					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">CAV</td><td style="text-align: center;">CIRCUIT</td><td style="text-align: center;">GAUGE</td><td style="text-align: center;">COLOR</td><td style="text-align: center;">TERMINAL</td> </tr> <tr> <td>A</td><td>K31</td><td>18</td><td>TN</td><td>2036586C1</td> </tr> <tr> <td>B</td><td>K31-G</td><td>16</td><td>TN</td><td>2036586C1</td> </tr> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K31	18	TN	2036586C1	B	K31-G	16	TN	2036586C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																						
A	K31	18	TN	2036586C1																						
B	K31-G	16	TN	2036586C1																						

 AUTO XMSN TEMP SENDER (236F) (LOCATED ON XMSN) CONNECTOR 2036584C1					* W/15L DIESEL ENGINE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">CAV</td><td style="text-align: center;">CIRCUIT</td><td style="text-align: center;">GAUGE</td><td style="text-align: center;">COLOR</td><td style="text-align: center;">TERMINAL</td> </tr> <tr> <td>A</td><td>K31</td><td>16</td><td>TN</td><td>2036586C1</td> </tr> <tr> <td>*A</td><td>K31B</td><td>16</td><td>TN</td><td>2036586C1</td> </tr> <tr> <td>B</td><td>K31-G</td><td>16</td><td>WH</td><td>2036586C1</td> </tr> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K31	16	TN	2036586C1	*A	K31B	16	TN	2036586C1	B	K31-G	16	WH	2036586C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																											
A	K31	16	TN	2036586C1																											
*A	K31B	16	TN	2036586C1																											
B	K31-G	16	WH	2036586C1																											

 SHIFT TOWER CRUISE CONTROL (244F) CONNECTOR 2024437C1 BODY LOCK 2011364C1					* W/ ROCKWELL & REMOTE CRUISE # W/ REMOTE CRUISE @ W/ 11/13L IBB SCR 2013 <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">CAV</td><td style="text-align: center;">CIRCUIT</td><td style="text-align: center;">GAUGE</td><td style="text-align: center;">COLOR</td><td style="text-align: center;">TERMINAL</td><td style="text-align: center;">SEAL/SLEEVE</td> </tr> <tr> <td>A*</td><td>K97-GC</td><td>16</td><td>VT</td><td>1667742C1</td><td>1661872C1</td> </tr> <tr> <td>A#</td><td>K97-GC</td><td>18</td><td>VT</td><td>1667742C1</td><td>1661872C1</td> </tr> <tr> <td>A@</td><td>K97-GA</td><td>16</td><td>VT</td><td>1667742C1</td><td>1661872C1</td> </tr> <tr> <td>A@</td><td>K97-GC</td><td>18</td><td>WH</td><td>1667742C1</td><td>1661872C1</td> </tr> <tr> <td>B</td><td>K97AE2</td><td>16</td><td>VT</td><td>1667742C1</td><td>1661872C1</td> </tr> <tr> <td>C</td><td>K97AN</td><td>18</td><td>PL</td><td>1667742C1</td><td>3568570C1</td> </tr> <tr> <td>D</td><td>K97AH</td><td>16</td><td>VT</td><td>1667742C1</td><td>1661872C1</td> </tr> <tr> <td>E</td><td>K97AA2</td><td>16</td><td>VT</td><td>1667742C1</td><td>1661872C1</td> </tr> <tr> <td>F</td><td>K97AB2</td><td>16</td><td>VT</td><td>1667742C1</td><td>1661872C1</td> </tr> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	K97-GC	16	VT	1667742C1	1661872C1	A#	K97-GC	18	VT	1667742C1	1661872C1	A@	K97-GA	16	VT	1667742C1	1661872C1	A@	K97-GC	18	WH	1667742C1	1661872C1	B	K97AE2	16	VT	1667742C1	1661872C1	C	K97AN	18	PL	1667742C1	3568570C1	D	K97AH	16	VT	1667742C1	1661872C1	E	K97AA2	16	VT	1667742C1	1661872C1	F	K97AB2	16	VT	1667742C1	1661872C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																		
A*	K97-GC	16	VT	1667742C1	1661872C1																																																																		
A#	K97-GC	18	VT	1667742C1	1661872C1																																																																		
A@	K97-GA	16	VT	1667742C1	1661872C1																																																																		
A@	K97-GC	18	WH	1667742C1	1661872C1																																																																		
B	K97AE2	16	VT	1667742C1	1661872C1																																																																		
C	K97AN	18	PL	1667742C1	3568570C1																																																																		
D	K97AH	16	VT	1667742C1	1661872C1																																																																		
E	K97AA2	16	VT	1667742C1	1661872C1																																																																		
F	K97AB2	16	VT	1667742C1	1661872C1																																																																		

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	SHEET
012	17APR13	ADDED CIRC:K23C,K23-G	C	91786V	300371	CIRCUIT DIAGRAM, PAYSTAR	
	IN R/D 228 & K97-GA,K97-GC IN	R/D 244F.			61879Y	17SEP09	AE08058092 024

Figure 217 Connector Composites (227 / 228 / 230 / 236 / 236F / 244F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.31. CONNECTOR COMPOSITES (267M / *275 / 289F / 290F / 291), P. 25

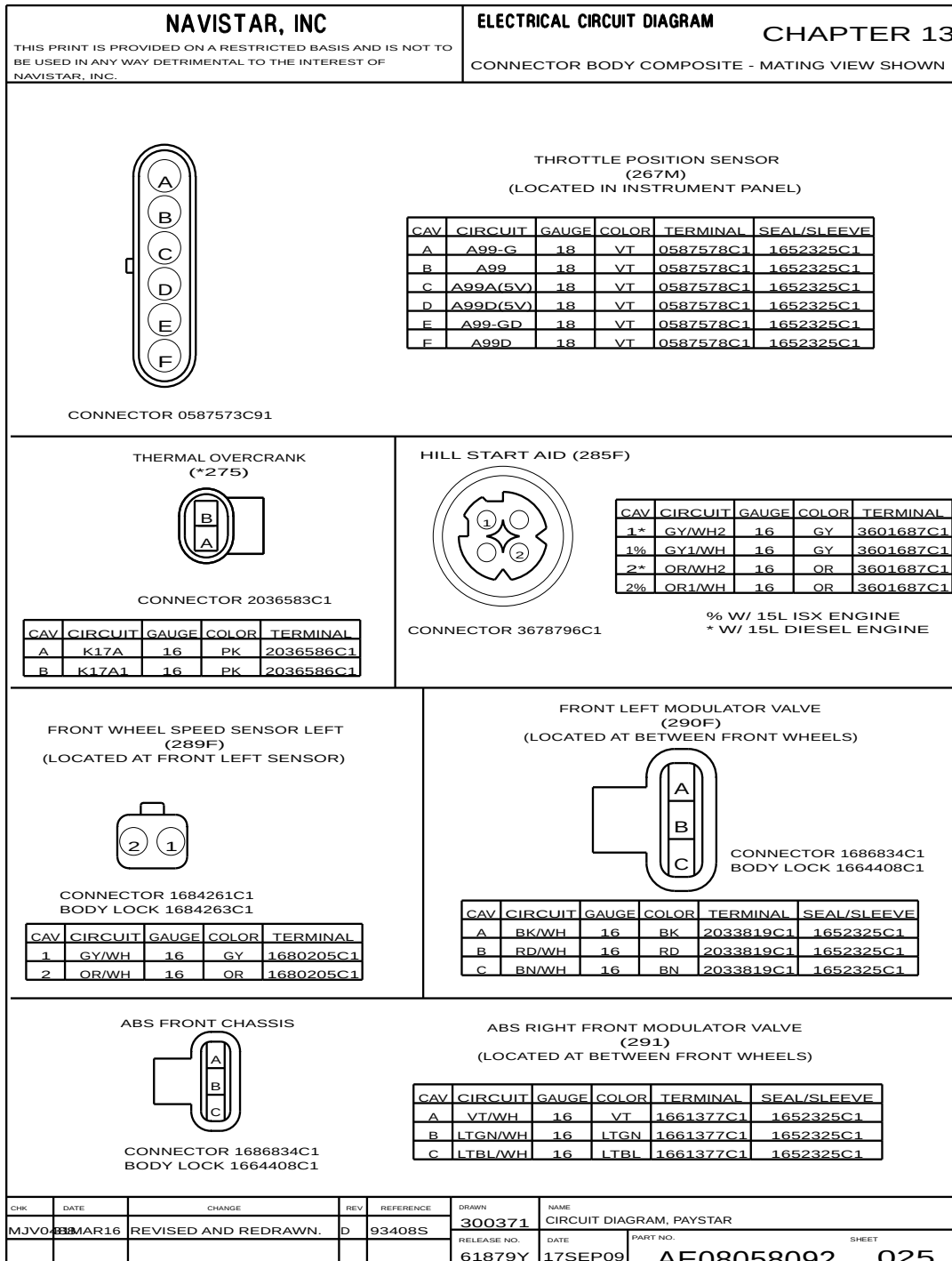


Figure 218 Connector Composites (267M / *275 / 289F / 290F / 291)

13.32. CONNECTOR COMPOSITES (291F / 292F / 294A / 294F), P. 26

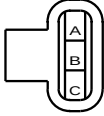
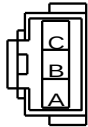
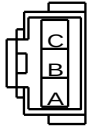
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																						
RIGHT FRONT MODULATOR VALVE (291F) (LOCATED AT BETWEEN FRONT WHEELS)  <table border="1" style="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>VT/WH</td> <td>16</td> <td>VT</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>LTGN/WH</td> <td>16</td> <td>LTGN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>LTBL/WH</td> <td>16</td> <td>LTBL</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> CONNECTOR 1686834C1 BODY LOCK 1664408C1									CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	VT/WH	16	VT	2033819C1	1652325C1	B	LTGN/WH	16	LTGN	2033819C1	1652325C1	C	LTBL/WH	16	LTBL	2033819C1	1652325C1											
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																						
A	VT/WH	16	VT	2033819C1	1652325C1																																						
B	LTGN/WH	16	LTGN	2033819C1	1652325C1																																						
C	LTBL/WH	16	LTBL	2033819C1	1652325C1																																						
FRONT WHEEL SPEED SENSOR, RIGHT (292F) (LOCATED AT FRONT RIGHT WHEEL)  <table border="1" style="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>DKBL/WH</td> <td>16</td> <td>DKBL</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>YL/WH</td> <td>16</td> <td>YL</td> <td>1680205C1</td> </tr> </tbody> </table> CONNECTOR 1684261C1 BODY LOCK 1684263C1									CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	DKBL/WH	16	DKBL	1680205C1	2	YL/WH	16	YL	1680205C1																				
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																							
1	DKBL/WH	16	DKBL	1680205C1																																							
2	YL/WH	16	YL	1680205C1																																							
STARTER INTERLOCK SWITCH (294A) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 1661197C1 <table border="1" style="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>A17DA</td> <td>14</td> <td>WH</td> <td>3534167C1</td> </tr> <tr> <td>B</td> <td>A17DC</td> <td>14</td> <td>WH</td> <td>3534167C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A17DA	14	WH	3534167C1	B	A17DC	14	WH	3534167C1	STARTER INTERLOCK SWITCH (294A)  CONNECTOR 1661199C1 <table border="1" style="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>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>B</td> <td>A17DA</td> <td>14</td> <td>WH</td> <td>3534167C1</td> </tr> <tr> <td>C</td> <td>A17DC</td> <td>14</td> <td>WH</td> <td>3534167C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	-	-	-	-	B	A17DA	14	WH	3534167C1	C	A17DC	14	WH	3534167C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																							
A	A17DA	14	WH	3534167C1																																							
B	A17DC	14	WH	3534167C1																																							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																							
A	-	-	-	-																																							
B	A17DA	14	WH	3534167C1																																							
C	A17DC	14	WH	3534167C1																																							
CLUTCH SWITCH (294F)  CONNECTOR 1661197C1 <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOUR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>97AJ</td> <td>18</td> <td>VT</td> <td>1661212C1</td> </tr> <tr> <td>A*</td> <td>A97AH</td> <td>18</td> <td>VT</td> <td>1661212C1</td> </tr> <tr> <td>B</td> <td>A97CM</td> <td>18</td> <td>VT</td> <td>1661212C1</td> </tr> <tr> <td>B*</td> <td>A97-GH</td> <td>18</td> <td>VT</td> <td>1661212C1</td> </tr> </tbody> </table> * W/ 15L ISX ENGINE					CAV	CIRCUIT	GAUGE	COLOUR	TERMINAL	A	97AJ	18	VT	1661212C1	A*	A97AH	18	VT	1661212C1	B	A97CM	18	VT	1661212C1	B*	A97-GH	18	VT	1661212C1														
CAV	CIRCUIT	GAUGE	COLOUR	TERMINAL																																							
A	97AJ	18	VT	1661212C1																																							
A*	A97AH	18	VT	1661212C1																																							
B	A97CM	18	VT	1661212C1																																							
B*	A97-GH	18	VT	1661212C1																																							
CLUTCH SWITCH (294F) (LOCATED BY CLUTCH)  CONNECTOR 1661199C1 <table border="1" style="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>A97AH</td> <td>18</td> <td>VT</td> <td>1661212C1</td> </tr> <tr> <td>B</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>A97CL</td> <td>18</td> <td>VT</td> <td>1661212C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A97AH	18	VT	1661212C1	B	-	-	-	-	C	A97CL	18	VT	1661212C1																			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																							
A	A97AH	18	VT	1661212C1																																							
B	-	-	-	-																																							
C	A97CL	18	VT	1661212C1																																							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																					
012	17APR13	ADDED R/D 294A.	C	91786V	300371	CIRCUIT DIAGRAM, PAYSTAR																																					
RELEASE NO.		DATE		PART NO.		SHEET																																					
61879Y		17SEP09		AE08058092		026																																					

Figure 219 Connector Composites (291F / 292F / 294A / 294F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.33. CONNECTOR COMPOSITES (296M / 298 / 299 / 303F), P. 27

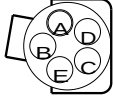
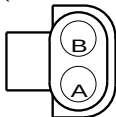
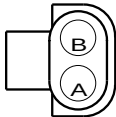
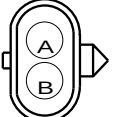
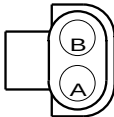
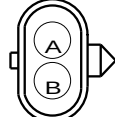
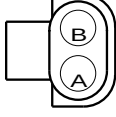
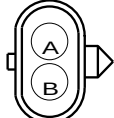
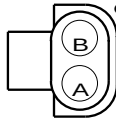
NAVISTAR, INC THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																																																																															
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Figure 220 Connector Composites (296M / 298 / 299 / 303F)

13.34. CONNECTOR COMPOSITES (303M / 311 / 312 / 313 / 314M), P. 28

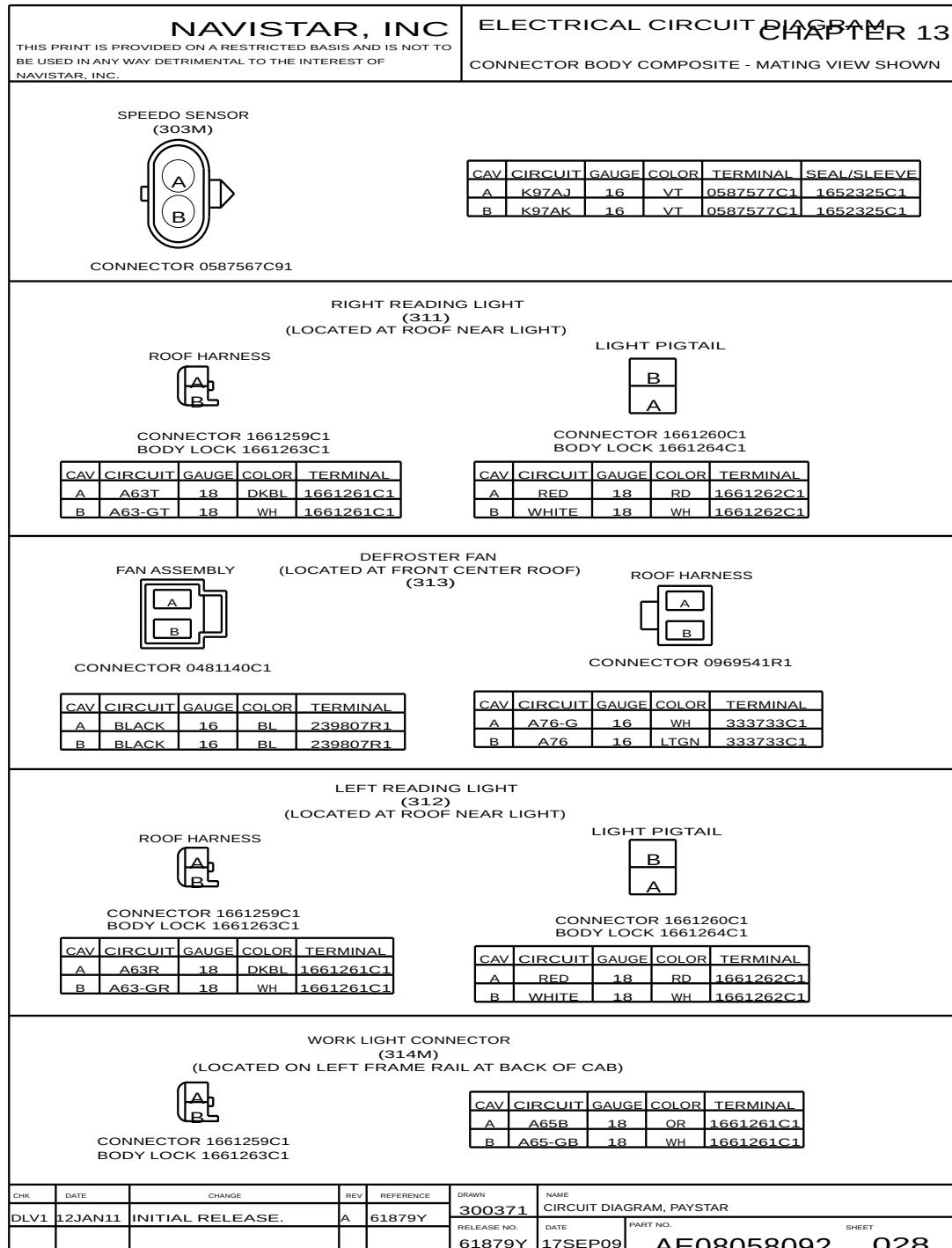


Figure 221 Connector Composites (303M / 311 / 312 / 313 / 314M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.35. CONNECTOR COMPOSITES (320 / 325 / 340), P. 29

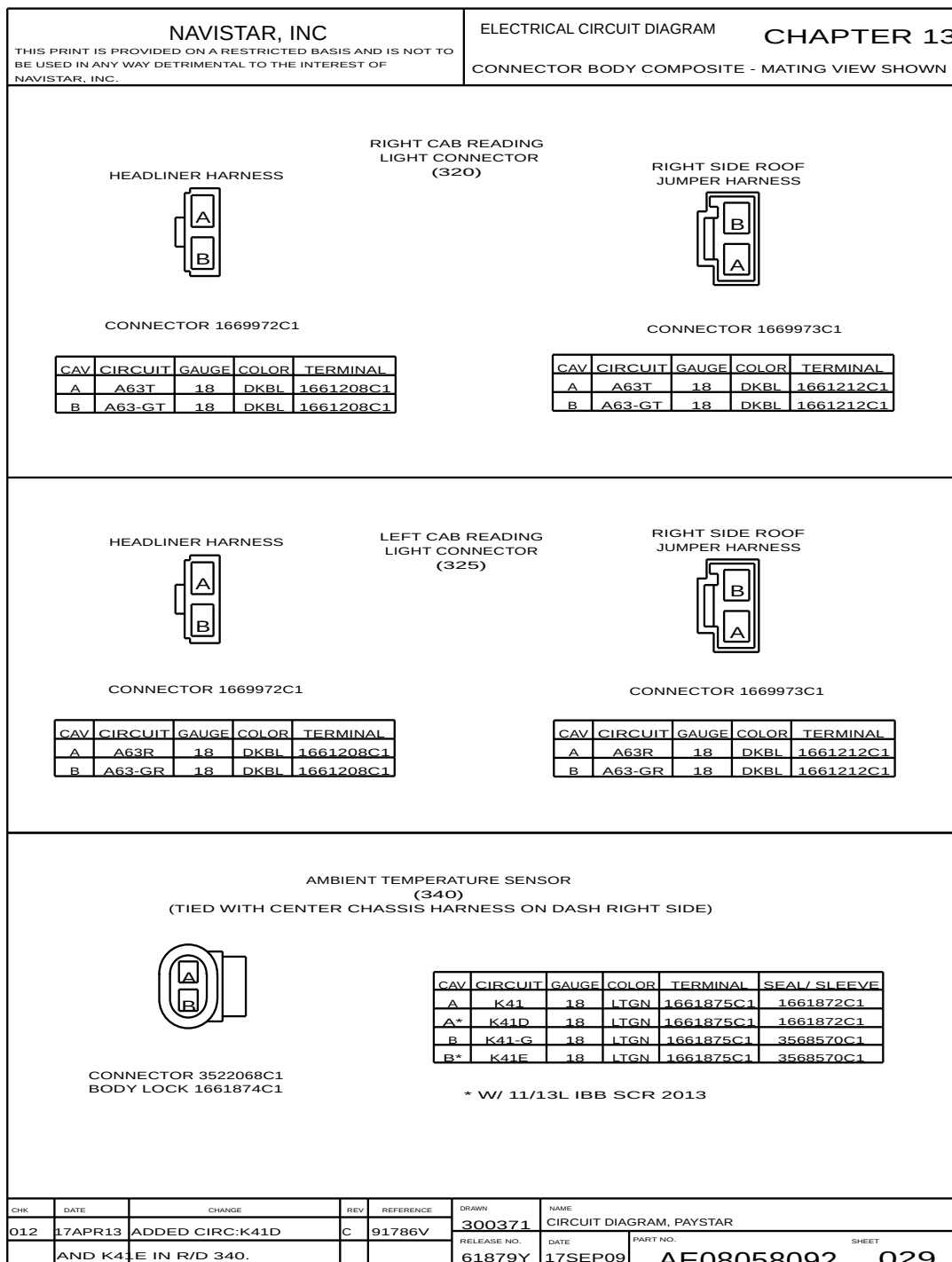


Figure 222 Connector Composites (320 / 325 / 340)

13.36. CONNECTOR COMPOSITES (345M / 351 / 352), P. 29A

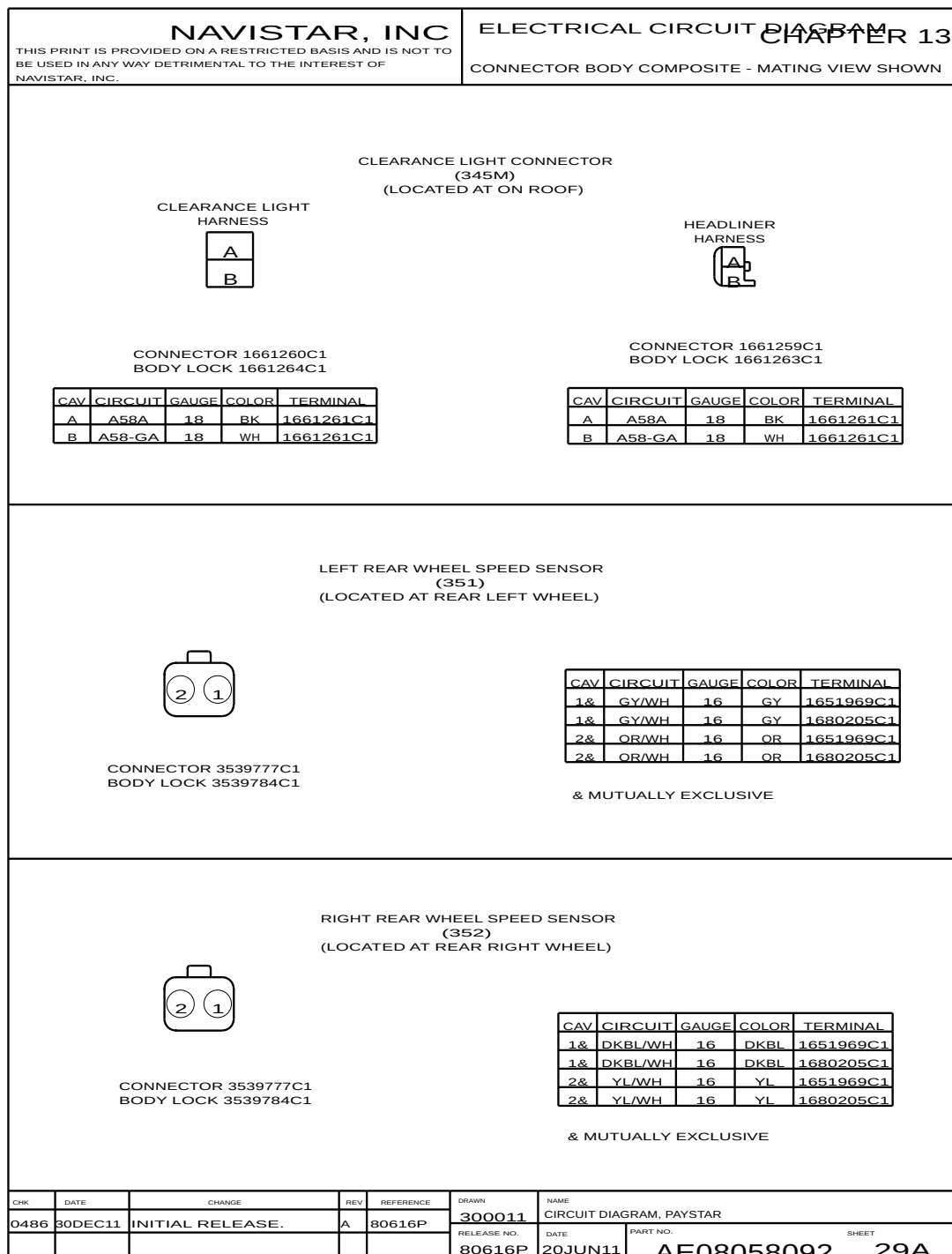


Figure 223 Connector Composites (345M / 351 / 352)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.37. CONNECTOR COMPOSITES (353 / 354 / 355), P. 30

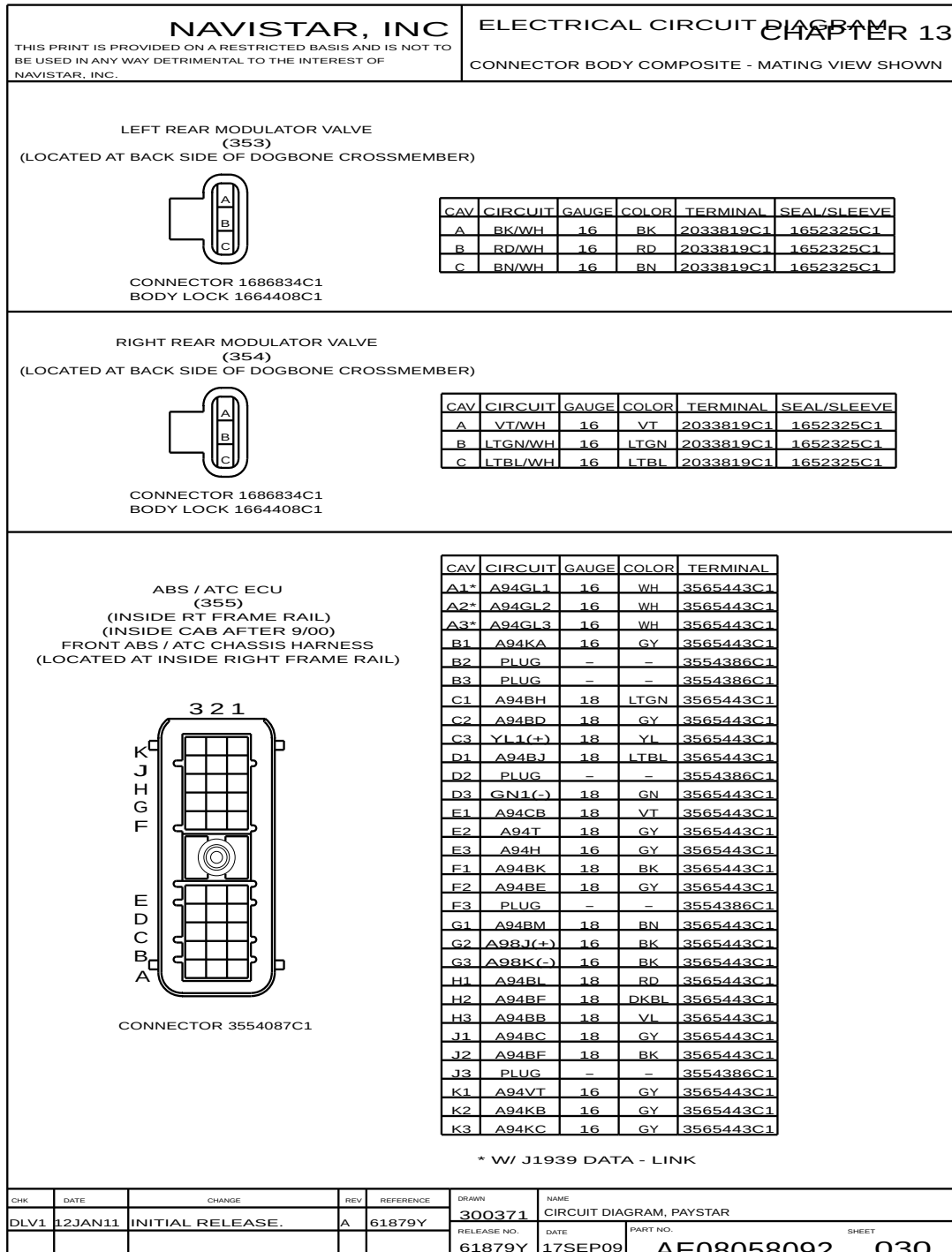


Figure 224 Connector Composites (353 / 354 / 355)

13.38. CONNECTOR COMPOSITES (360 / 393 / 393B / 412A / 420M), P. 31

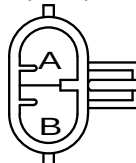
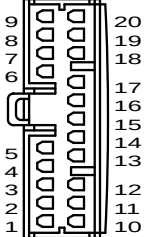
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ATC SOLENOID (360) (LOCATED ON LEFT FRAME RAIL UNDER CAB)  CONNECTOR 3518183C1 BODY LOCK 3518174C1 <table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr><tr><td>1</td><td>PK/WH</td><td>16</td><td>PK</td><td>3518961C1</td></tr><tr><td>2</td><td>TN/WH</td><td>16</td><td>TN</td><td>3518961C1</td></tr></table>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	PK/WH	16	PK	3518961C1	2	TN/WH	16	TN	3518961C1																																																																																										
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ENGINE OIL TEMP (393)  CONNECTOR 2036584C1 * W/ 15L ISX ENGINE <table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOUR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr><tr><td>A</td><td>K30</td><td>16</td><td>TN</td><td>2036586C1</td><td>-</td></tr><tr><td>A</td><td>K30*</td><td>18</td><td>TN</td><td>3610533C1</td><td>3554318C1</td></tr><tr><td>B</td><td>K30-GB</td><td>16</td><td>TN</td><td>2036586C1</td><td>-</td></tr><tr><td>B</td><td>K30-GB*</td><td>18</td><td>TN</td><td>3610533C1</td><td>3554318C1</td></tr></table>												CAV	CIRCUIT	GAUGE	COLOUR	TERMINAL	SEAL/SLEEVE	A	K30	16	TN	2036586C1	-	A	K30*	18	TN	3610533C1	3554318C1	B	K30-GB	16	TN	2036586C1	-	B	K30-GB*	18	TN	3610533C1	3554318C1																																																																											
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POSITIVE BATTERY CONNECTOR (412A)  CONNECTOR 2031520C1 BODY LOCK 2033927C1 <table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr><tr><td>A</td><td>A14B</td><td>10</td><td>RD</td><td>2025423C1</td><td>2025427C1</td></tr><tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>2025432C1</td><td>-</td></tr></table>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A14B	10	RD	2025423C1	2025427C1	B	PLUG	-	-	2025432C1	-																																																																																							
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RIGHT SIDE CLUSTER (420M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 2024509C1 <table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr><tr><td>1</td><td>A62B</td><td>18</td><td>DKBL</td><td>2018639C1</td></tr><tr><td>2</td><td>A62-GB</td><td>18</td><td>WH</td><td>2018639C1</td></tr><tr><td>3</td><td>A28C</td><td>18</td><td>TN</td><td>2018639C1</td></tr><tr><td>4</td><td>A11-GJ</td><td>18</td><td>WH</td><td>2018639C1</td></tr><tr><td>5</td><td>A36S(+)</td><td>18</td><td>TN</td><td>2018639C1</td></tr><tr><td>6</td><td>A36S(-)</td><td>18</td><td>TN</td><td>2018639C1</td></tr><tr><td>7</td><td>A36C(+)</td><td>18</td><td>TN</td><td>2018639C1</td></tr><tr><td>8</td><td>A36C(-)</td><td>18</td><td>TN</td><td>2018639C1</td></tr><tr><td>9</td><td>A44</td><td>18</td><td>GY</td><td>2018639C1</td></tr><tr><td>10</td><td>A38</td><td>18</td><td>TN</td><td>2018639C1</td></tr><tr><td>11</td><td>A49LF</td><td>18</td><td>LTBL</td><td>2018639C1</td></tr><tr><td>12</td><td>A43</td><td>18</td><td>GY</td><td>2018639C1</td></tr><tr><td>13</td><td>A40</td><td>18</td><td>GY</td><td>2018639C1</td></tr><tr><td>14</td><td>A94BD</td><td>18</td><td>GY</td><td>2018639C1</td></tr><tr><td>15</td><td>A94E</td><td>18</td><td>GY</td><td>2018639C1</td></tr><tr><td>16</td><td>A36L</td><td>18</td><td>TN</td><td>2018639C1</td></tr><tr><td>17</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>18</td><td>A31</td><td>18</td><td>TN</td><td>2018639C1</td></tr><tr><td>19</td><td>A32A</td><td>18</td><td>TN</td><td>2018639C1</td></tr><tr><td>20</td><td>A32</td><td>18</td><td>TN</td><td>2018639C1</td></tr></table>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A62B	18	DKBL	2018639C1	2	A62-GB	18	WH	2018639C1	3	A28C	18	TN	2018639C1	4	A11-GJ	18	WH	2018639C1	5	A36S(+)	18	TN	2018639C1	6	A36S(-)	18	TN	2018639C1	7	A36C(+)	18	TN	2018639C1	8	A36C(-)	18	TN	2018639C1	9	A44	18	GY	2018639C1	10	A38	18	TN	2018639C1	11	A49LF	18	LTBL	2018639C1	12	A43	18	GY	2018639C1	13	A40	18	GY	2018639C1	14	A94BD	18	GY	2018639C1	15	A94E	18	GY	2018639C1	16	A36L	18	TN	2018639C1	17	-	-	-	-	18	A31	18	TN	2018639C1	19	A32A	18	TN	2018639C1	20	A32	18	TN	2018639C1
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Figure 225 Connector Composites (360 / 393 / 393B / 412A / 420M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.39. CONNECTOR COMPOSITES (421M / 422M), P. 32

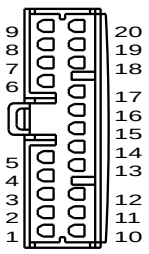
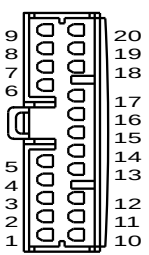
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																																				
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SPEEDO / TACHOMETER MODULE #1 (421M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 2018588C1					<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>A62D</td><td>18</td><td>DKBL</td><td>2018639C1</td></tr> <tr><td>2</td><td>A62-GD</td><td>18</td><td>WH</td><td>2018639C1</td></tr> <tr><td>3</td><td>A28B</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>4</td><td>A11-GI</td><td>18</td><td>WH</td><td>2018639C1</td></tr> <tr><td>5</td><td>A47/48(+)</td><td>18</td><td>GY</td><td>2018639C1</td></tr> <tr><td>6</td><td>A47/48(-)</td><td>18</td><td>GY</td><td>2018639C1</td></tr> <tr><td>7</td><td>A9YL(+)</td><td>18</td><td>YL</td><td>2018639C1</td></tr> <tr><td>7@</td><td>A5D(+)</td><td>18</td><td>YL</td><td>2018639C1</td></tr> <tr><td>8</td><td>A9GN(-)</td><td>18</td><td>GN</td><td>2018639C1</td></tr> <tr><td>8@</td><td>A5D(-)</td><td>18</td><td>GN</td><td>2018639C1</td></tr> <tr><td>9</td><td>A14G</td><td>18</td><td>RD</td><td>2018639C1</td></tr> <tr><td>10</td><td>-</td><td>-</td><td>-</td><td>-</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>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>15</td><td>A36</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>16</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>17</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>18</td><td>A40C</td><td>18</td><td>GY</td><td>2018639C1</td></tr> <tr><td>19</td><td>A36L</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>20</td><td>A52J</td><td>18</td><td>YL</td><td>2018639C1</td></tr> </tbody> </table> @ W/500K BAUD RATE				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A62D	18	DKBL	2018639C1	2	A62-GD	18	WH	2018639C1	3	A28B	18	TN	2018639C1	4	A11-GI	18	WH	2018639C1	5	A47/48(+)	18	GY	2018639C1	6	A47/48(-)	18	GY	2018639C1	7	A9YL(+)	18	YL	2018639C1	7@	A5D(+)	18	YL	2018639C1	8	A9GN(-)	18	GN	2018639C1	8@	A5D(-)	18	GN	2018639C1	9	A14G	18	RD	2018639C1	10	-	-	-	-	11	-	-	-	-	12	-	-	-	-	13	-	-	-	-	14	-	-	-	-	15	A36	18	TN	2018639C1	16	-	-	-	-	17	-	-	-	-	18	A40C	18	GY	2018639C1	19	A36L	18	TN	2018639C1	20	A52J	18	YL	2018639C1
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SPEEDO / TACHOMETER MODULE #2 (422M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 2018591C1					<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>A57R</td><td>18</td><td>OR</td><td>2018639C1</td></tr> <tr><td>2</td><td>A56R</td><td>18</td><td>OR</td><td>2018639C1</td></tr> <tr><td>3</td><td>A29L</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>4</td><td>A35L</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>5</td><td>A29S(+)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>6</td><td>A29S(-)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>7</td><td>A29C(+)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>8</td><td>A29C(-)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>9</td><td>A35S(+)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>10</td><td>A35S(-)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>11</td><td>A35C(+)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>12</td><td>A35C(-)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>13</td><td>A27S(+)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>14</td><td>A27S(-)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>15</td><td>A27C(+)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>16</td><td>A27C(-)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>17</td><td>A36S(+)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>18</td><td>A36S(-)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>19</td><td>A36C(+)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>20</td><td>A36C(-)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A57R	18	OR	2018639C1	2	A56R	18	OR	2018639C1	3	A29L	18	TN	2018639C1	4	A35L	18	TN	2018639C1	5	A29S(+)	18	TN	2018639C1	6	A29S(-)	18	TN	2018639C1	7	A29C(+)	18	TN	2018639C1	8	A29C(-)	18	TN	2018639C1	9	A35S(+)	18	TN	2018639C1	10	A35S(-)	18	TN	2018639C1	11	A35C(+)	18	TN	2018639C1	12	A35C(-)	18	TN	2018639C1	13	A27S(+)	18	TN	2018639C1	14	A27S(-)	18	TN	2018639C1	15	A27C(+)	18	TN	2018639C1	16	A27C(-)	18	TN	2018639C1	17	A36S(+)	18	TN	2018639C1	18	A36S(-)	18	TN	2018639C1	19	A36C(+)	18	TN	2018639C1	20	A36C(-)	18	TN	2018639C1										
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Figure 226 Connector Composites (421M / 422M)

13.40. CONNECTOR COMPOSITES (423M / 424M), P. 33

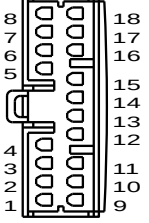
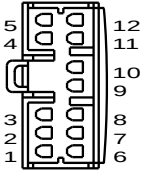
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																										
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LEFT SIDE CLUSTER #2 (423M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 2018589C1				<table 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>A62C</td><td>18</td><td>DKBL</td><td>2018639C1</td></tr> <tr><td>2</td><td>A62-GC</td><td>18</td><td>WH</td><td>2018639C1</td></tr> <tr><td>3</td><td>A28A</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>4</td><td>A11-GM</td><td>18</td><td>WH</td><td>2018639C1</td></tr> <tr><td>5</td><td>A29L</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>A65C</td><td>18</td><td>OR</td><td>2018639C1</td></tr> <tr><td>8*</td><td>A97SB</td><td>18</td><td>VT</td><td>2018639C1</td></tr> <tr><td>9</td><td>A35L</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>10</td><td>A97ML</td><td>18</td><td>VT</td><td>2018639C1</td></tr> <tr><td>10*</td><td>A97AM</td><td>18</td><td>VT</td><td>2018639C1</td></tr> <tr><td>11#</td><td>A97AP</td><td>18</td><td>VT</td><td>2018639C1</td></tr> <tr><td>12</td><td>A28D</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>13*</td><td>A97AT</td><td>18</td><td>VT</td><td>2018639C1</td></tr> <tr><td>14</td><td>A94T</td><td>18</td><td>GY</td><td>2018639C1</td></tr> <tr><td>15</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>15</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>16</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>17</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>18</td><td>A30</td><td>18</td><td>TN</td><td>2018639C1</td></tr> </tbody> </table> * W/ 15L ISX ENGINE # W/ RED STOP LAMP BUZZER				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A62C	18	DKBL	2018639C1	2	A62-GC	18	WH	2018639C1	3	A28A	18	TN	2018639C1	4	A11-GM	18	WH	2018639C1	5	A29L	18	TN	2018639C1	6	-	-	-	-	7	A65C	18	OR	2018639C1	8*	A97SB	18	VT	2018639C1	9	A35L	18	TN	2018639C1	10	A97ML	18	VT	2018639C1	10*	A97AM	18	VT	2018639C1	11#	A97AP	18	VT	2018639C1	12	A28D	18	TN	2018639C1	13*	A97AT	18	VT	2018639C1	14	A94T	18	GY	2018639C1	15	-	-	-	-	15	-	-	-	-	16	-	-	-	-	17	-	-	-	-	18	A30	18	TN	2018639C1
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LEFT SIDE CLUSTER #1 (424M) (LOCATED IN INSTRUMENT PANEL)  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>A29S(+)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>2</td><td>A29S(-)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>3</td><td>A29C(+)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>4</td><td>A29C(-)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>5</td><td>A35S(+)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>6</td><td>A35S(-)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>7</td><td>A35C(+)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>8</td><td>A35C(-)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>9</td><td>A27S(+)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>10</td><td>A27S(-)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>11</td><td>A27C(+)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>12</td><td>A27C(-)</td><td>18</td><td>TN</td><td>2018639C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A29S(+)	18	TN	2018639C1	2	A29S(-)	18	TN	2018639C1	3	A29C(+)	18	TN	2018639C1	4	A29C(-)	18	TN	2018639C1	5	A35S(+)	18	TN	2018639C1	6	A35S(-)	18	TN	2018639C1	7	A35C(+)	18	TN	2018639C1	8	A35C(-)	18	TN	2018639C1	9	A27S(+)	18	TN	2018639C1	10	A27S(-)	18	TN	2018639C1	11	A27C(+)	18	TN	2018639C1	12	A27C(-)	18	TN	2018639C1																																								
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					61879Y	17SEP09	AE08058092 033																																																																																																									

Figure 227 Connector Composites (423M / 424M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.41. CONNECTOR COMPOSITES (425M / 426 / 426M / 427 / 480F), P. 34

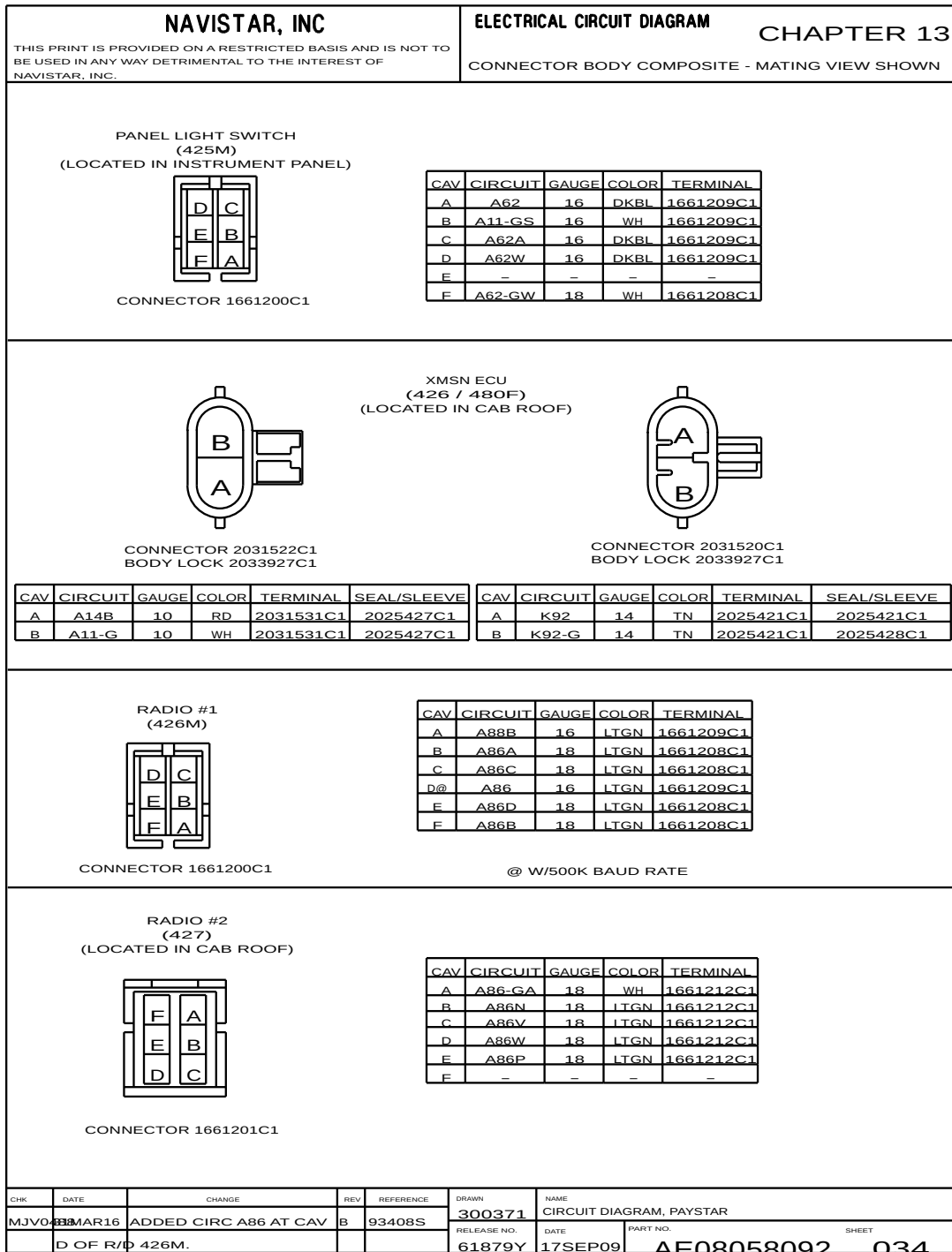


Figure 228 Connector Composites (425M / 426 / 426M / 427 / 480F)

13.42. CONNECTOR COMPOSITES (428F / 429F / 430), P. 35

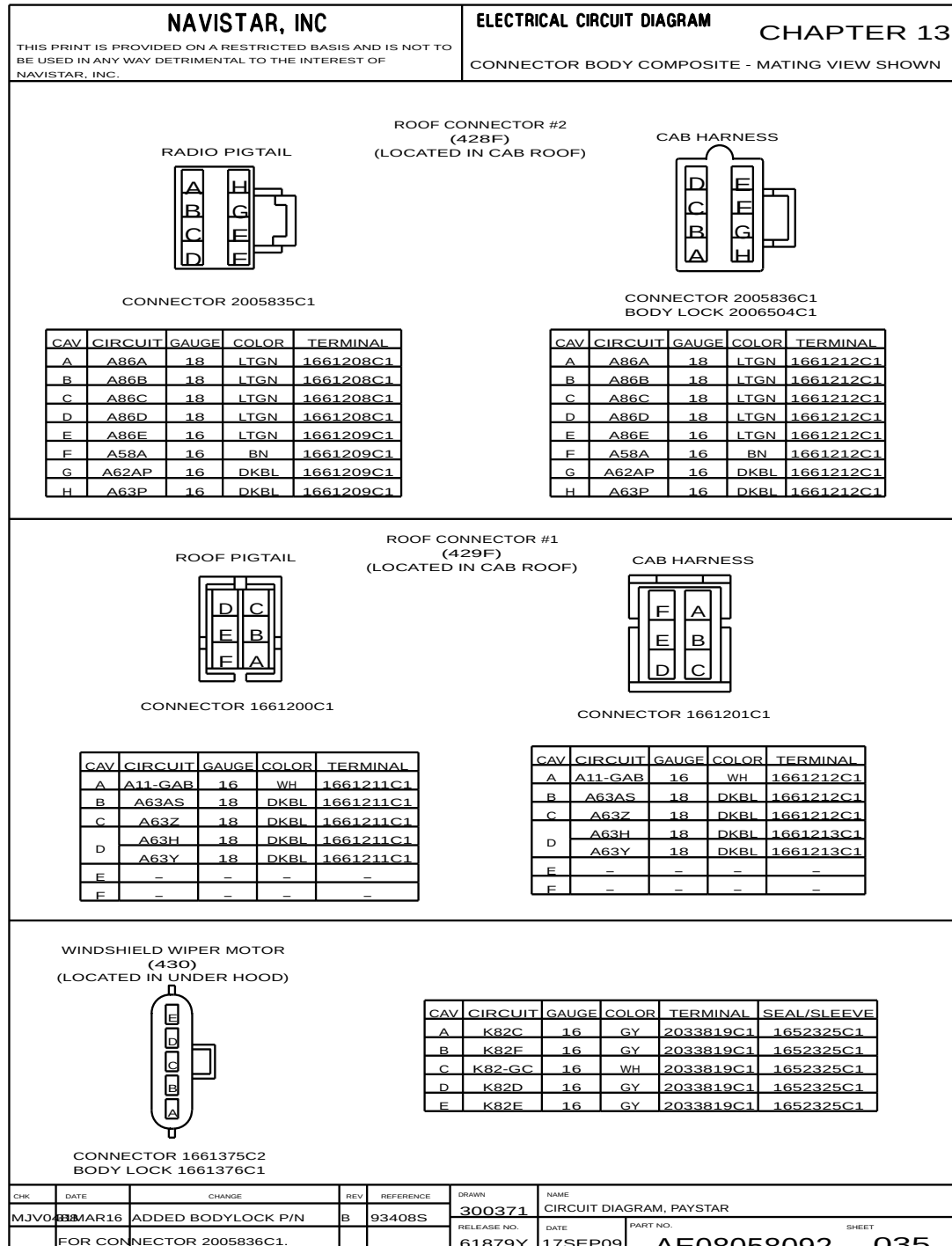


Figure 229 Connector Composites (428F / 429F / 430)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.43. CONNECTOR COMPOSITES (433M / 434M / 435M), P. 36

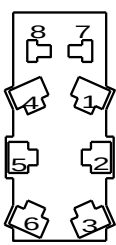
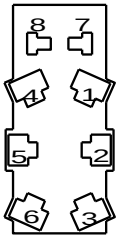
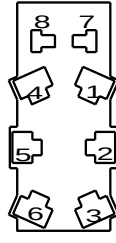
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ENGINE BRAKE SELECTOR SWITCH (433M)  CONNECTOR 2009385C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2#</td><td>A24AD</td><td>18</td><td>GY</td><td>1661224C1</td></tr> <tr><td>2*</td><td>A24BL</td><td>16</td><td>GY</td><td>1661226C1</td></tr> <tr><td>3</td><td>A24AE</td><td>18</td><td>GY</td><td>1661224C1</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>A24AF</td><td>18</td><td>GY</td><td>1661224C1</td></tr> <tr><td>7</td><td>A62L</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>8</td><td>A62-GL</td><td>18</td><td>WH</td><td>1661208C1</td></tr> </tbody> </table> * W/ ENGINE BRAKE # N/ ENGINE BRAKE												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2#	A24AD	18	GY	1661224C1	2*	A24BL	16	GY	1661226C1	3	A24AE	18	GY	1661224C1	4	-	-	-	-	5	-	-	-	-	6	A24AF	18	GY	1661224C1	7	A62L	16	DKBL	1661209C1	8	A62-GL	18	WH	1661208C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																														
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ENGINE BRAKE ON / OFF SWITCH (434M)  CONNECTOR 2009385C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <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>A24AM</td><td>18</td><td>GY</td><td>1661224C1</td></tr> <tr><td>3</td><td>A24CL</td><td>16</td><td>GY</td><td>1661226C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5#</td><td>A24AD</td><td>18</td><td>GY</td><td>1661224C1</td></tr> <tr><td>5*</td><td>A24BD</td><td>16</td><td>GY</td><td>1661226C1</td></tr> <tr><td>6#</td><td>A24AM</td><td>18</td><td>GY</td><td>1661224C1</td></tr> <tr><td>6*</td><td>A92-GT</td><td>18</td><td>TN</td><td>1661224C1</td></tr> <tr><td>7</td><td>A62N</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>8</td><td>A62-GN</td><td>18</td><td>WH</td><td>1661208C1</td></tr> </tbody> </table>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	A24AM	18	GY	1661224C1	3	A24CL	16	GY	1661226C1	4	-	-	-	-	5#	A24AD	18	GY	1661224C1	5*	A24BD	16	GY	1661226C1	6#	A24AM	18	GY	1661224C1	6*	A92-GT	18	TN	1661224C1	7	A62N	16	DKBL	1661209C1	8	A62-GN	18	WH	1661208C1
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Figure 230 Connector Composites (433M / 434M / 435M)

13.44. CONNECTOR COMPOSITES (436M / 437M / 438M / 440M), P. 37

NAVISTAR, INC

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN

CRUISE SET/ RESUME SWITCH
(436M)

CONNECTOR 2009385C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A97AA	18	VT	1661224C1
2	A97CS	18	VT	1661224C1
2%	A97-GB	18	VT	1661224C1
3	A97AB	18	VT	1661224C1
4	-	-	-	-
5	-	-	-	-
6	-	-	-	-
7	A62K	16	DKBL	1661209C1
8#	A62-GK	18	DKBL	1661208C1
8*	A62-GK	18	WH	1661208C1

* W/ ENGINE BRAKE
N/ ENGINE BRAKE
% W/ 15L ISX ENG

RIGHT MOTORIZED MIRROR SWITCH
(437M)

CONNECTOR 2009385C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A78E	18	LTGN	1661224C1
2	A78-GA	18	WH	1661224C1
3	-	-	-	-
4	A78F	18	LTGN	1661224C1
5	A78D	16	LTGN	1661226C1
6	-	-	-	-
7	A62AW1	16	DKBL	1661209C1
8	A62-GAY	18	WH	1661208C1

HEATED MIRROR SWITCH
(438M)

CONNECTOR 2009385C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A78-G	18	WH	1661224C1
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	A78	16	LTGN	1661226C1
6	A78A	18	LTGN	3541250C1
	A78B	18	LTGN	
7	A62AX	16	DKBL	1661209C1
8	A62-GAX	18	WH	1661208C1

FOG LIGHT SWITCH
(440M)

CONNECTOR 2009385C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A64-G	18	WH	1661224C1
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	A64C	14	YL	1661226C1
6	A64A	14	YL	1661226C1
7	A62AN	16	DKBL	1661209C1
8	A62-GAN	16	WH	1661209C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	RELEASE NO.	DATE	PART NO.	SHEET
012	17APR13	ADDED CIRC:A97-GB	B	91786V	300371	CIRCUIT DIAGRAM, PAYSTAR	61879Y	17SEP09	AE08058092	037
	IN R/D	436M.								

Figure 231 Connector Composites (436M / 437M / 438M / 440M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.45. CONNECTOR COMPOSITES (441 / 442 / 453M), P. 38

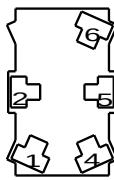
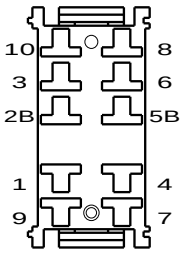
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																												
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WORK LIGHT SWITCH (441)  CONNECTOR 1661256C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"><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>A65C</td><td>16</td><td>OR</td><td>1661226C1</td></tr><tr><td>2</td><td>A65-GC</td><td>16</td><td>WH</td><td>1661226C1</td></tr><tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>4</td><td>A65A</td><td>16</td><td>OR</td><td>1661226C1</td></tr><tr><td>5</td><td>A65B</td><td>18</td><td>OR</td><td>1661224C1</td></tr><tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A65C	16	OR	1661226C1	2	A65-GC	16	WH	1661226C1	3	-	-	-	-	4	A65A	16	OR	1661226C1	5	A65B	18	OR	1661224C1	6	-	-	-	-																									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																														
1	A65C	16	OR	1661226C1																																																														
2	A65-GC	16	WH	1661226C1																																																														
3	-	-	-	-																																																														
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5	A65B	18	OR	1661224C1																																																														
6	-	-	-	-																																																														
DOME LIGHT SWITCH (442)  CONNECTOR 3520850C1 <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>A63AS</td><td>16</td><td>DKBL</td><td>1661226C1</td></tr><tr><td>2</td><td>A63A</td><td>16</td><td>DKBL</td><td>1661227C1</td></tr><tr><td></td><td>A63N</td><td>16</td><td>DKBL</td><td></td></tr><tr><td>3</td><td>A63-GD</td><td>16</td><td>WH</td><td>1661226C1</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>A62F</td><td>16</td><td>DKBL</td><td>1661226C1</td></tr><tr><td>8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>9</td><td>A62-GAN</td><td>18</td><td>WH</td><td>1661224C1</td></tr><tr><td>10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A63AS	16	DKBL	1661226C1	2	A63A	16	DKBL	1661227C1		A63N	16	DKBL		3	A63-GD	16	WH	1661226C1	4	-	-	-	-	5	-	-	-	-	6	-	-	-	-	7	A62F	16	DKBL	1661226C1	8	-	-	-	-	9	A62-GAN	18	WH	1661224C1	10	-	-	-	-
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																														
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GROUND ADAPTER (453M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 2007315C1 BODY LOCK 2007316C1 <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>A11-GA</td><td>12</td><td>WH</td><td>3566715C1</td></tr><tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>C</td><td>A11GR</td><td>16</td><td>WH</td><td>1661209C1</td></tr><tr><td>D</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>G</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>H</td><td>A11-G</td><td>16</td><td>WH</td><td>1661209C1</td></tr><tr><td>J</td><td>A11-GPD</td><td>18</td><td>WH</td><td>1661208C1</td></tr><tr><td>K</td><td>A11-GHH</td><td>18</td><td>WH</td><td>1661208C1</td></tr></tbody></table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A11-GA	12	WH	3566715C1	B	-	-	-	-	C	A11GR	16	WH	1661209C1	D	-	-	-	-	E	-	-	-	-	F	-	-	-	-	G	-	-	-	-	H	A11-G	16	WH	1661209C1	J	A11-GPD	18	WH	1661208C1	K	A11-GHH	18	WH	1661208C1					
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Figure 232 Connector Composites (441 / 442 / 453M)

13.46. CONNECTOR COMPOSITES (454M / 455M), P. 39

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																		
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GROUND ADAPTER (454M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 2007315C1 BODY LOCK 2007316C1 <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>A11-GY</td><td>10</td><td>WH</td><td>1661211C1</td></tr> <tr><td>B</td><td>A25-G</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>C</td><td>A92-GA</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>D</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G</td><td>A11-GBC</td><td>12</td><td>WH</td><td>3566715C1</td></tr> <tr><td>H</td><td>A11-GF</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>J*</td><td>A49-G</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>J#</td><td>A99-G</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>J@@</td><td>A49-G</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>K</td><td>A11-GAW</td><td>16</td><td>WH</td><td>1661209C1</td></tr> </tbody> </table> * W/ ALLISON HD & RETARDER # W/ ALLISON HD & AUTO NEUTRAL SWITCH @@ W/ 500K BAUD RATE REGULATORY								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A11-GY	10	WH	1661211C1	B	A25-G	18	WH	1661208C1	C	A92-GA	18	WH	1661208C1	D	-	-	-	-	E	-	-	-	-	F	-	-	-	-	G	A11-GBC	12	WH	3566715C1	H	A11-GF	18	WH	1661208C1	J*	A49-G	18	GY	1661208C1	J#	A99-G	18	WH	1661208C1	J@@	A49-G	18	WH	1661208C1	K	A11-GAW	16	WH	1661209C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																				
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GROUND ADAPTER (455M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 2007315C1 BODY LOCK 2007316C1 <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>A11-GF</td><td>12</td><td>WH</td><td>3566715C1</td></tr> <tr><td>B</td><td>A13-GAD</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>C*</td><td>A95-G</td><td>16</td><td>WH</td><td>1661209C1</td></tr> <tr><td>C#</td><td>A38-G</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>D</td><td>A38-GB</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>D&</td><td>A97-GB</td><td>18</td><td>VT</td><td>1661208C1</td></tr> <tr><td>E</td><td>A94-G</td><td>16</td><td>WH</td><td>1661209C1</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G</td><td>A11-GAW</td><td>14</td><td>WH</td><td>3566715C1</td></tr> <tr><td>H</td><td>A41-G</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>J</td><td>A11-GAC</td><td>14</td><td>WH</td><td>3566715C1</td></tr> <tr><td>K</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> * W/ HEATED DRIVER SEAT # N/ HEATED DRIVER SEAT & W/ SART MODULE								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A11-GF	12	WH	3566715C1	B	A13-GAD	18	WH	1661208C1	C*	A95-G	16	WH	1661209C1	C#	A38-G	18	WH	1661208C1	D	A38-GB	18	WH	1661208C1	D&	A97-GB	18	VT	1661208C1	E	A94-G	16	WH	1661209C1	F	-	-	-	-	G	A11-GAW	14	WH	3566715C1	H	A41-G	18	WH	1661208C1	J	A11-GAC	14	WH	3566715C1	K	-	-	-	-
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C*	A95-G	16	WH	1661209C1																																																																				
C#	A38-G	18	WH	1661208C1																																																																				
D	A38-GB	18	WH	1661208C1																																																																				
D&	A97-GB	18	VT	1661208C1																																																																				
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																		
0488	19AUG15	ADDED CIRCUIT A49-G	D	93281C	300371	CIRCUIT DIAGRAM, PAYSTAR																																																																		
IN R/D 454M.					RELEASE NO.	DATE	PART NO.																																																																	
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Figure 233 Connector Composites (454M / 455M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.47. CONNECTOR COMPOSITES (456M / 457M / 460F), P. 40

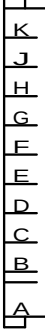
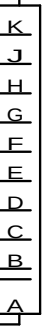
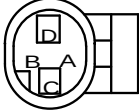
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GROUND ADAPTER (457M) (LOCATED IN CAB)  CONNECTOR 2007315C1 BODY LOCK 2007316C1				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A97-GR</td><td>18</td><td>VT</td><td>1661208C1</td></tr> <tr><td>C</td><td>A44-GM</td><td>16</td><td>WH</td><td>1661209C1</td></tr> <tr><td>D</td><td>A24-GBK</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>G</td><td>A23A</td><td>16</td><td>TN</td><td>1661209C1</td></tr> <tr><td>J</td><td>A77AY</td><td>16</td><td>LT GN</td><td>1661209C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A97-GR	18	VT	1661208C1	C	A44-GM	16	WH	1661209C1	D	A24-GBK	18	WH	1661208C1	G	A23A	16	TN	1661209C1	J	A77AY	16	LT GN	1661209C1																														
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LOW AIR SWITCH #1 (460F) (LOCATED IN CAB)  CONNECTOR 1661777C1 BODY LOCK 1661873C1				<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>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>A40A</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>D</td><td>A40-GA</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	-	-	-	-	-	B	-	-	-	-	-	C	A40A	16	GY	1661875C1	1661872C1	D	A40-GA	16	WH	1661875C1	1661872C1																														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																														
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B	-	-	-	-	-																																																														
C	A40A	16	GY	1661875C1	1661872C1																																																														
D	A40-GA	16	WH	1661875C1	1661872C1																																																														
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																													
0638	19JAN15	CIRCUIT UPDATED FOR	C	92948G	300371	CIRCUIT DIAGRAM, PAYSTAR																																																													
				RELEASE NO.	DATE	PART NO.	SHEET																																																												
				61879Y	17SEP09	AE08058092	040																																																												

Figure 234 Connector Composites (456M / 457M / 460F)

13.48. CONNECTOR COMPOSITES (462M), P. 41

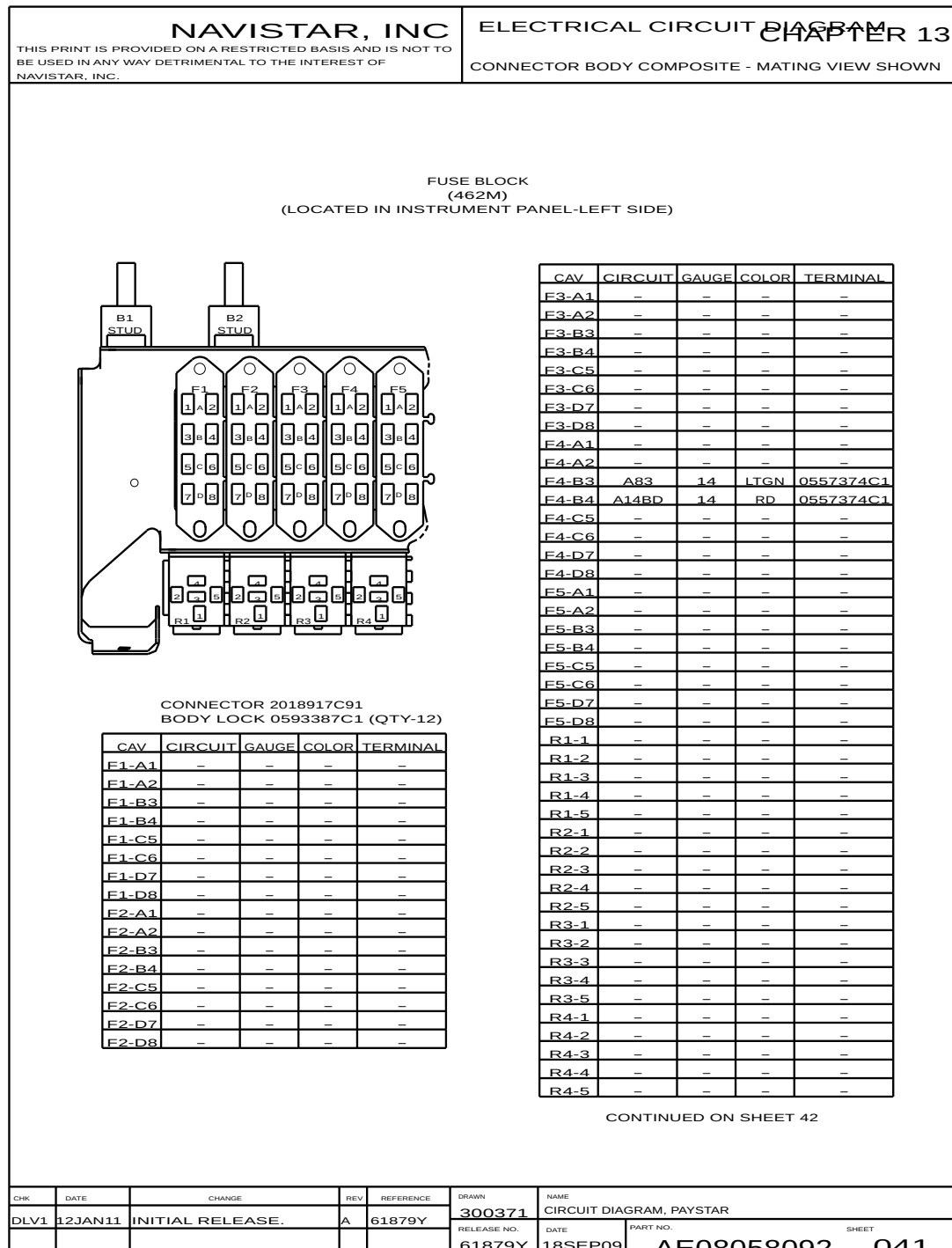


Figure 235 Connector Composites (462M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.49. CONNECTOR COMPOSITES (462M), P. 42

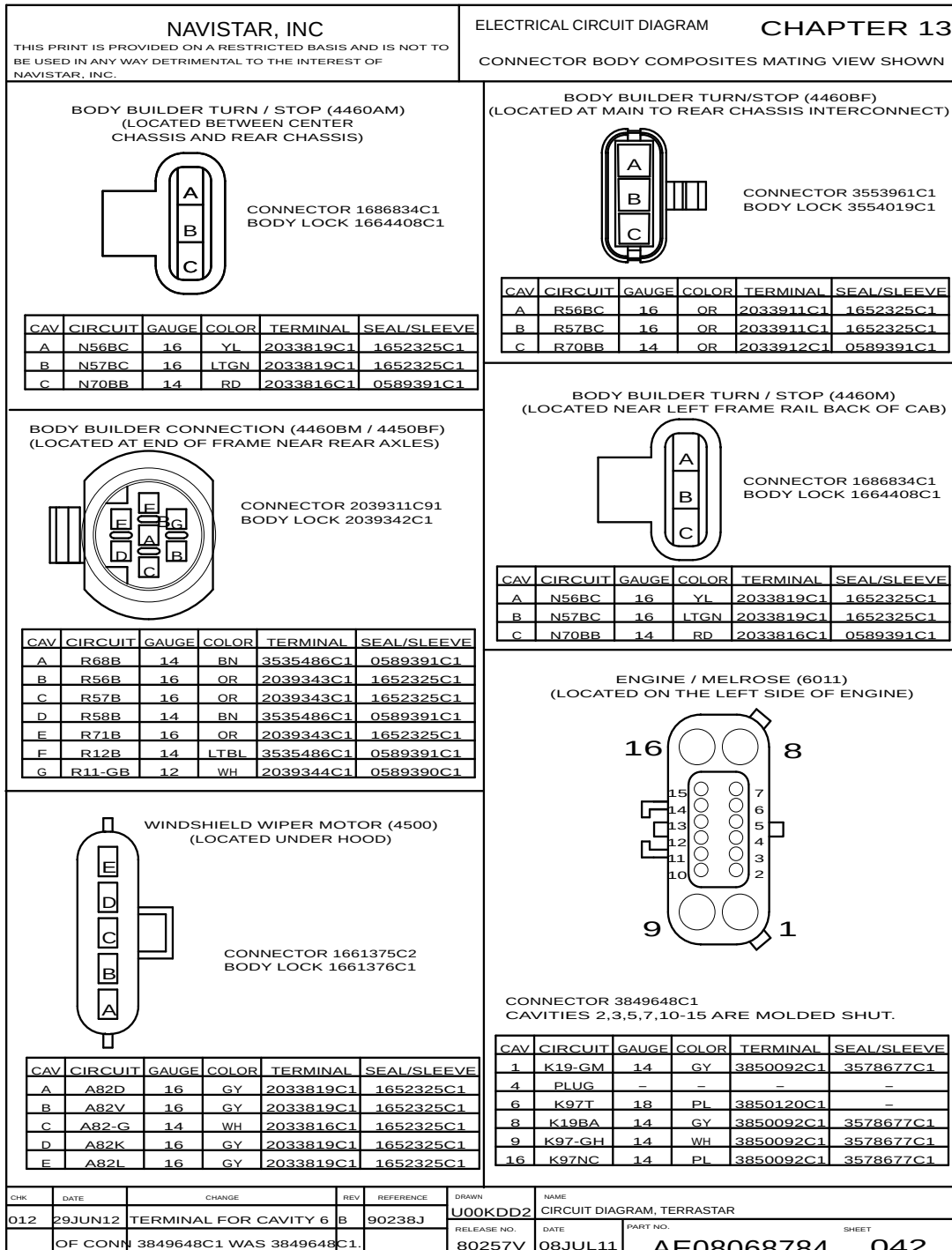


Figure 236 Connector Composites (462M)

13.50. CONNECTOR COMPOSITES (462M), P. 43

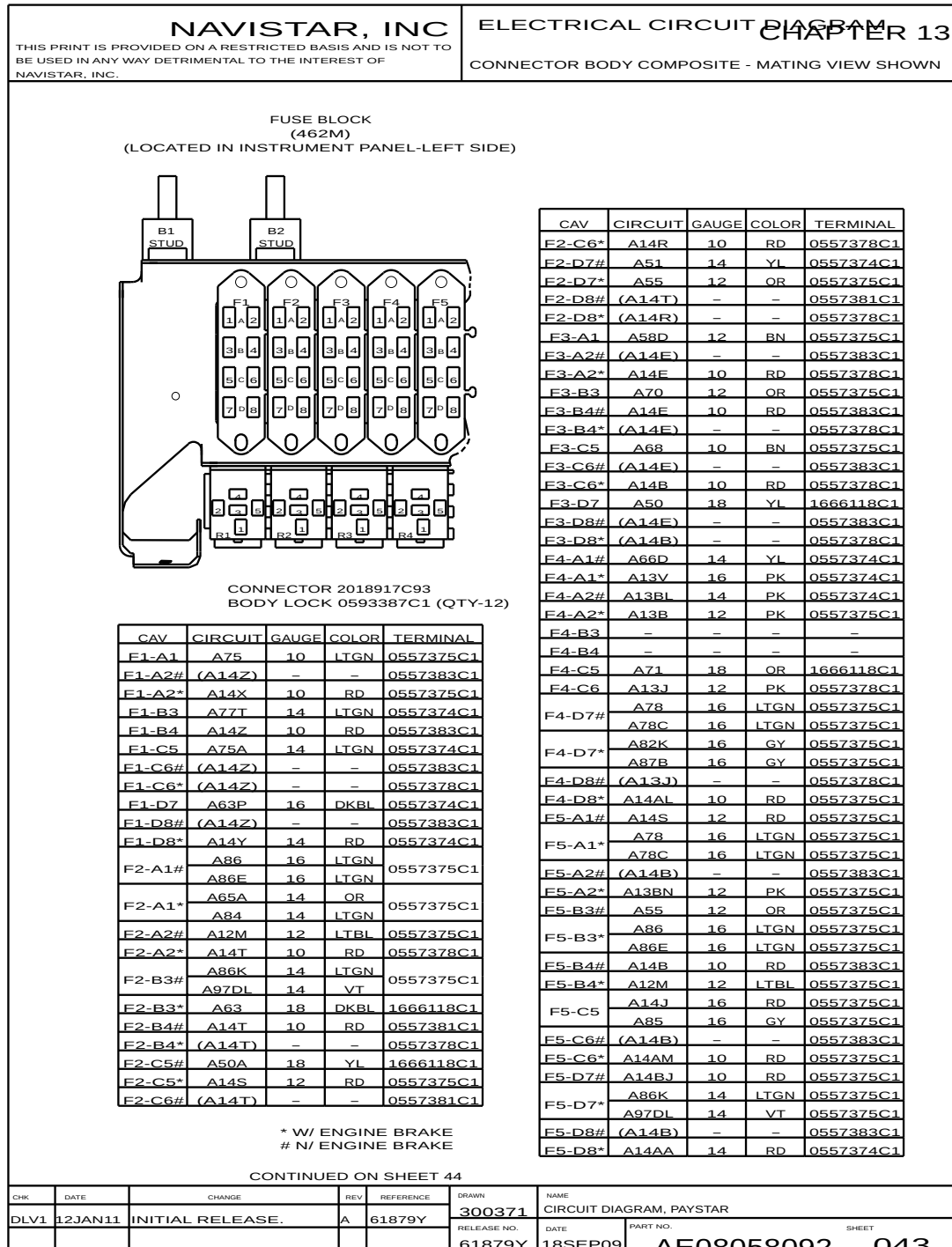


Figure 237 Connector Composites (462M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.51. CONNECTOR COMPOSITES (462M), P. 44

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 COMPOSITE - MATING VIEW SHOWN	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	
R1-1	A14S	12	RD	1661710C1	
R1-2	A13-GA	18	WH	1659673C1	
R1-3	-	-	-	-	
R1-4	A13H	12	PK	1661710C1	
R1-5	A13A	12	PK	1661710C1	
R2-1	A75F	10	LTGN	1661710C1	
R2-2&	A13-GA	18	WH	1661709C1	
R2-2&	A75-GB	18	WH	1661709C1	
R2-3	A75T	14	LTGN	1661709C1	
R2-4	A75	10	LTGN	1661710C1	
R2-5	A75H	14	LTGN	1661709C1	
R3-1	A75D	14	LTGN	1661709C1	
R3-2&	A75-GB	18	WH	1661709C1	
R3-2&	A75-GC	18	WH	1661709C1	
R3-3	-	-	-	-	
R3-4	A75M	14	LTGN	1661709C1	
R3-5	A75N	14	LTGN	1661709C1	
R4-1	A51	14	YL	1661709C1	
R4-2&	A50-GB	18	WH	1661709C1	
R4-2&	A75-GC	18	WH	1661709C1	
R4-3	-	-	-	-	
R4-4	A51A	14	YL	1661709C1	
R4-5&	A50B	18	YL	1661709C1	
R4-5&	A66H	18	YL	1661709C1	

& MUTUAL EXCLUSIVE

FUSE LOCATION	CAVITY	RATING IN AMP	PART NUMBER		DESCRIPTION
			FUSE	BREAKER	
F1-A	1-2	30	0571691C1	-	-
F1-B	3-4	10	0131222C1	-	-
F1-C	5-6	20	0131224C1	-	-
F1-D	7-8	15	0509080C1	-	-
F2-A	1-2	15	0509080C1	-	-
F2-B	3-4	20	0131224C1	-	-
F2-C	5-6	10	-	2007463C1	-
F2-D	7-8	25	-	2007466C1	-
F3-A	1-2	20	0131224C1	-	-
F3-B	3-4	20	0131224C1	-	-
F3-C	5-6	30	0571691C1	-	-
F3-D	7-8	10	0131222C1	-	-
F4-A	1-2	10	0131222C1	-	-
F4-B	3-4	-	-	-	-
F4-C	5-6	10	0131222C1	-	-
F4-D	7-8	15	0509080C1	-	-
F5-A	1-2	30	0571691C1	-	-
F5-B	3-4	20	0131224C1	-	-
F5-C	5-6	15	0509080C1	-	-
F5-D	7-8	30	0571691C1	-	-

RELAY LOCATION	CAVITY	PART NUMBER	DESCRIPTION
R1	1, 2, 3, 4, 5	2012557C1	IGNITION RELAY
R2	1, 2, 3, 4, 5	2012557C1	HIGH SPEED RELAY
R3	1, 2, 3, 4, 5	2012557C1	MEDIUM HIGH SPEED RELAY
R4	1, 2, 3, 4, 5	2012557C1	HEADLIGHT RELAY

CONTINUED FROM SHEET 43

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
DLV1	12JAN11	INITIAL RELEASE.	A	61879Y	300371	CIRCUIT DIAGRAM, PAYSTAR		
					RELEASE NO.	DATE	PART NO.	SHEET
					61879Y	18SEP09	AE08058092	044

Figure 238 Connector Composites (462M)

13.52. CONNECTOR COMPOSITES (463M), P. 45

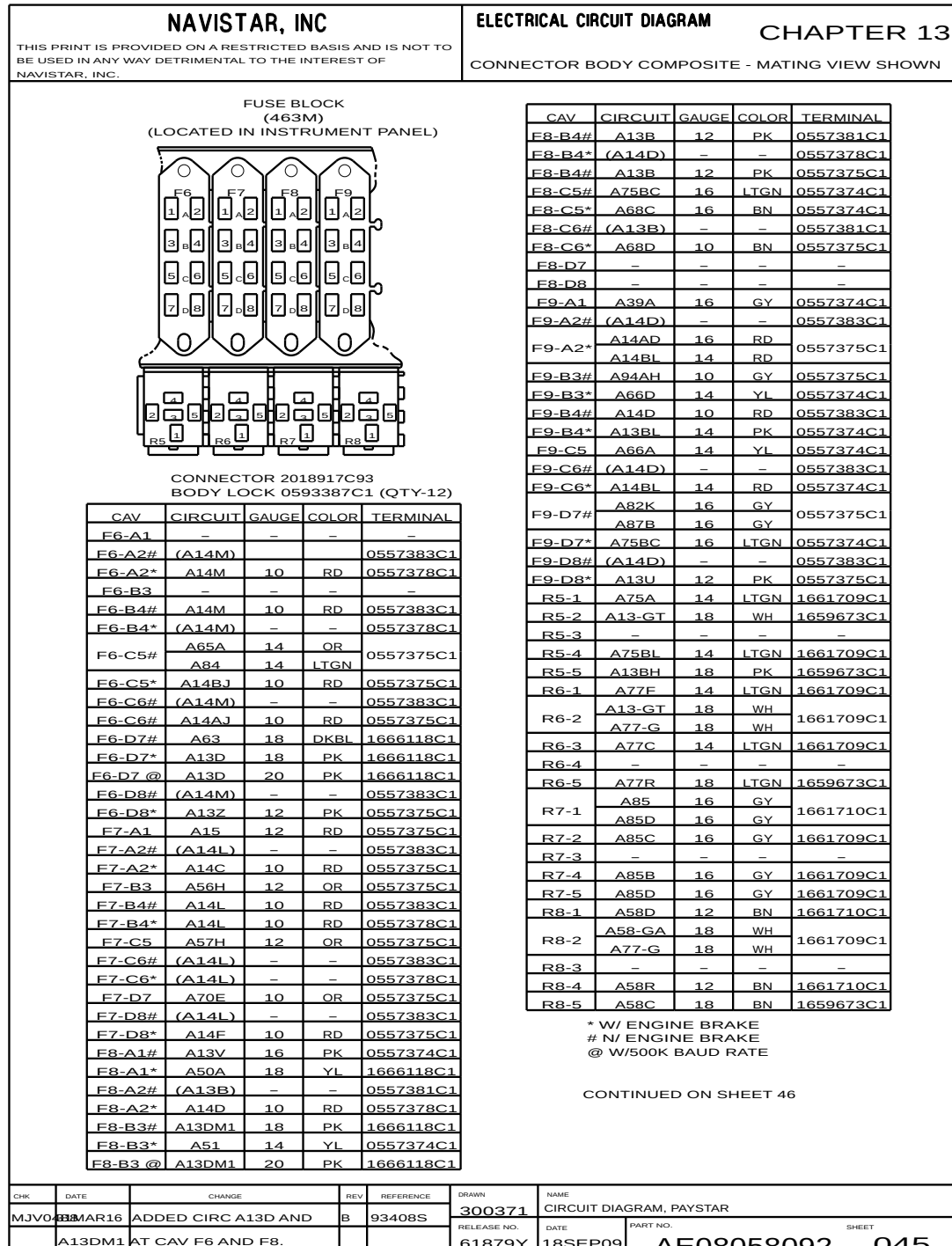


Figure 239 Connector Composites (463M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.53. CONNECTOR COMPOSITES (463M), P. 46

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 13 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																																																														
<table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th rowspan="2">FUSE LOCATION</th> <th rowspan="2">CAVITY</th> <th rowspan="2">RATING IN AMP</th> <th colspan="2">PART NUMBER</th> <th rowspan="2">DESCRIPTION</th> </tr> <tr> <th>FUSE</th> <th>BREAKER</th> </tr> </thead> <tbody> <tr><td>F6-A</td><td>1-2</td><td>20</td><td>0131224C1</td><td>-</td><td>-</td></tr> <tr><td>F6-B</td><td>3-4</td><td>10</td><td>0131222C1</td><td>-</td><td>-</td></tr> <tr><td>F6-C</td><td>5-6</td><td>15</td><td>0509080C1</td><td>-</td><td>-</td></tr> <tr><td>F6-D</td><td>7-8</td><td>10</td><td>0131222C1</td><td>-</td><td>-</td></tr> <tr><td>F7-A</td><td>1-2</td><td>25</td><td>0131225C1</td><td>-</td><td>-</td></tr> <tr><td>F7-B</td><td>3-4</td><td>15</td><td>0509080C1</td><td>-</td><td>-</td></tr> <tr><td>F7-C</td><td>5-6</td><td>15</td><td>0509080C1</td><td>-</td><td>-</td></tr> <tr><td>F7-D</td><td>7-8</td><td>30</td><td>0571691C1</td><td>-</td><td>-</td></tr> <tr><td>F8-A</td><td>1-2</td><td>10</td><td>0131222C1</td><td>2007463C1</td><td>-</td></tr> <tr><td>F8-B</td><td>3-4</td><td>10</td><td>0131222C1</td><td>2007466C1</td><td>-</td></tr> <tr><td>F8-C</td><td>5-6</td><td>10</td><td>0131222C1</td><td>-</td><td>-</td></tr> <tr><td>F8-D</td><td>7-8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F9-A</td><td>1-2</td><td>15</td><td>0509080C1</td><td>-</td><td>-</td></tr> <tr><td>F9-B</td><td>3-4</td><td>30</td><td>0571691C1</td><td>-</td><td>-</td></tr> <tr><td>F9-C</td><td>5-6</td><td>15</td><td>0509080C1</td><td>-</td><td>-</td></tr> <tr><td>F9-D</td><td>7-8</td><td>15</td><td>-</td><td>2007464C1</td><td>-</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>RELAY LOCATION</th> <th>CAVITY</th> <th>PART NUMBER</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>R5</td> <td>1, 2, 3, 4, 5</td> <td>2012557C1</td> <td>MAIN CONTROL RELAY</td> </tr> <tr> <td>R6</td> <td>1, 2, 3, 4, 5</td> <td>2012557C1</td> <td>AC RELAY</td> </tr> <tr> <td>R7</td> <td>1, 2, 3, 4, 5</td> <td>2012557C1</td> <td>HORN RELAY</td> </tr> <tr> <td>R8</td> <td>1, 2, 3, 4, 5</td> <td>2012557C1</td> <td>TRAILER MARKER RELAY</td> </tr> </tbody> </table>							FUSE LOCATION	CAVITY	RATING IN AMP	PART NUMBER		DESCRIPTION	FUSE	BREAKER	F6-A	1-2	20	0131224C1	-	-	F6-B	3-4	10	0131222C1	-	-	F6-C	5-6	15	0509080C1	-	-	F6-D	7-8	10	0131222C1	-	-	F7-A	1-2	25	0131225C1	-	-	F7-B	3-4	15	0509080C1	-	-	F7-C	5-6	15	0509080C1	-	-	F7-D	7-8	30	0571691C1	-	-	F8-A	1-2	10	0131222C1	2007463C1	-	F8-B	3-4	10	0131222C1	2007466C1	-	F8-C	5-6	10	0131222C1	-	-	F8-D	7-8	-	-	-	-	F9-A	1-2	15	0509080C1	-	-	F9-B	3-4	30	0571691C1	-	-	F9-C	5-6	15	0509080C1	-	-	F9-D	7-8	15	-	2007464C1	-	RELAY LOCATION	CAVITY	PART NUMBER	DESCRIPTION	R5	1, 2, 3, 4, 5	2012557C1	MAIN CONTROL RELAY	R6	1, 2, 3, 4, 5	2012557C1	AC RELAY	R7	1, 2, 3, 4, 5	2012557C1	HORN RELAY	R8	1, 2, 3, 4, 5	2012557C1	TRAILER MARKER RELAY
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R8	1, 2, 3, 4, 5	2012557C1	TRAILER MARKER RELAY																																																																																																																															
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Figure 240 Connector Composites (463M)

13.54. CONNECTOR COMPOSITES (464M), P. 47

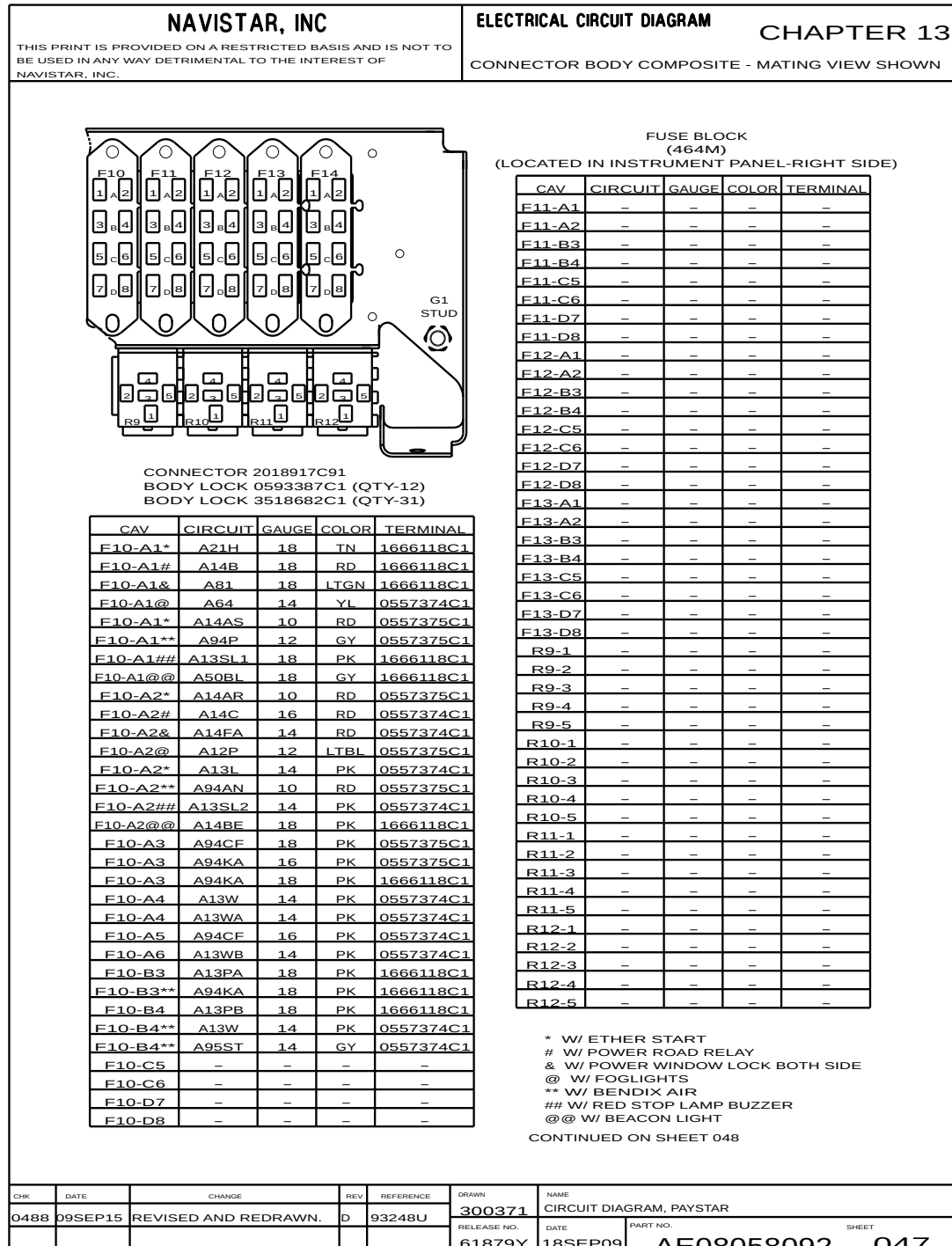


Figure 241 Connector Composites (464M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.55. CONNECTOR COMPOSITES (464M), P. 48

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 13 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																																																																																						
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Figure 242 Connector Composites (464M)

13.56. CONNECTOR COMPOSITES (464M), P. 49

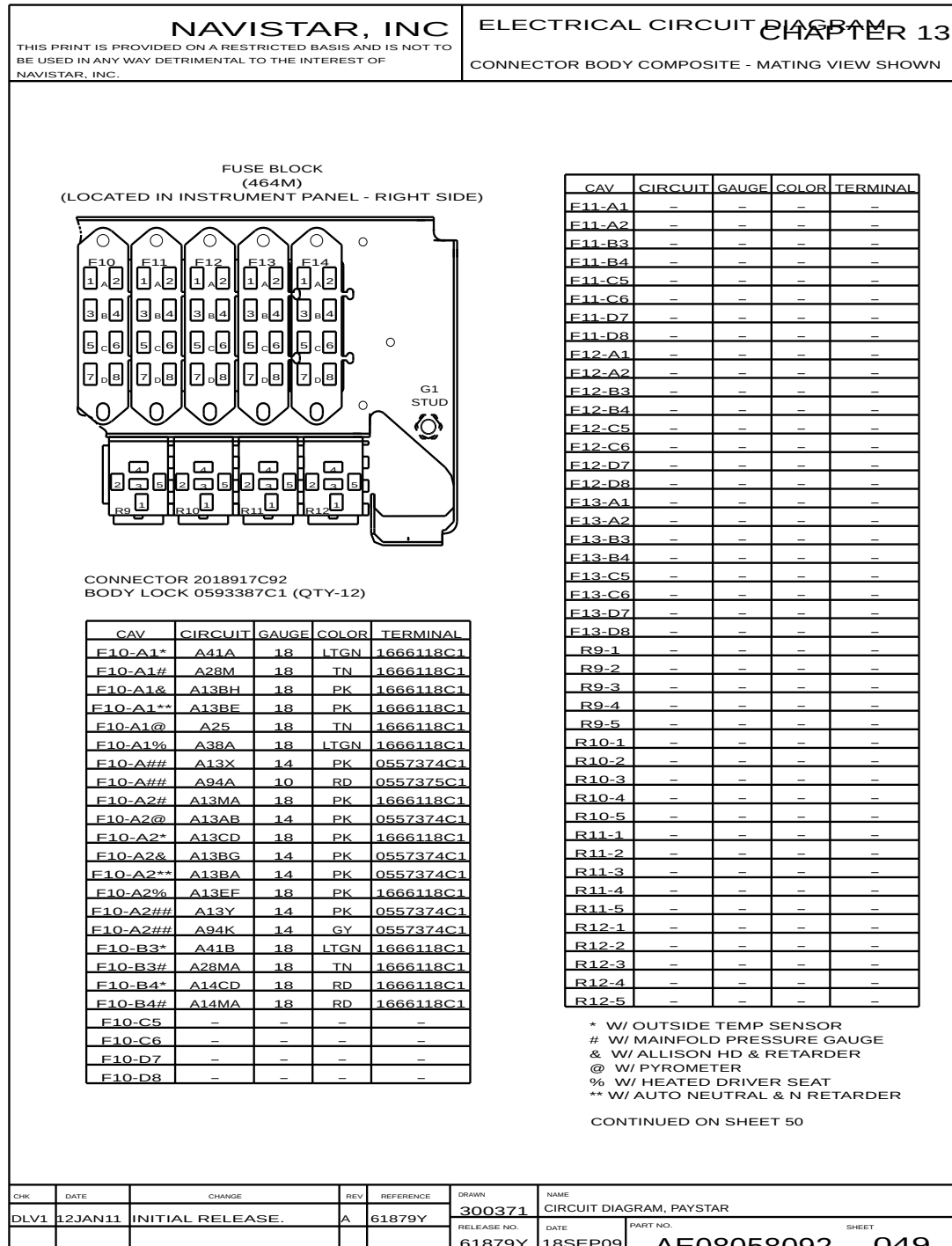


Figure 243 Connector Composites (464M)

13.58. CONNECTOR COMPOSITES (464M), 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 COMPOSITE - MATING VIEW SHOWN

FUSE BLOCK
(464M)
(LOCATED IN INSTRUMENT PANEL - RIGHT SIDE)

CONNECTOR 2018917C93
BODY LOCK 0593387C1 (QTY-12)
BODY LOCK 3518682C1 (QTY-31)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
F10-A1#	A68C	16	BN	0557374C1
F10-A1*	A94AH	10	GY	0557375C1
F10-A1&	A13PU	16	PK	0557374C1
F10-A1%	A49A	14	WH	0557374C1
F10-A2#	A68D	10	BN	0557375C1
F10-A2*	A14CP	10	RD	0557375C1
F10-A2&	A92ETB	16	TN	0557374C1
F10-A2%	A13CT	14	PK	0557374C1
F10-A3	A12BA	16	LTBL	0557374C1
F10-A4	A12F	12	LTBL	0557375C1
F10-A5	A13Z	12	PK	0557375C1
	A13ZA	12	PK	
F10-A6	A95	18	TN	3515897C1
	A95H	18	GY	
F10-A7	A13BB	18	PK	3515897C1
F10-A7	A13D4	18	PK	3515897C1
F10-A8	A13DS	12	PK	0557375C1
F10-B3	A12BA	16	LTBL	0557374C1
F10-B4	A12F	12	LTBL	0557375C1
F10-C5#	A13Z	12	PK	0557375C1
	A13ZA	12	PK	
F10-C6	A95	18	TN	3515897C1
	A95H	18	GY	
F10-D7	A13BB	18	PK	3515897C1
	A13D4	18	PK	
F10-D8	A13DS	12	PK	0557375C1
F11-A1	-	-	-	-
F11-A2	-	-	-	-
F11-B3	-	-	-	-
F11-B4	-	-	-	-
F11-C5	-	-	-	-
F11-C6	-	-	-	-
F11-D7	-	-	-	-
F11-D8	-	-	-	-

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
F12-A1	-	-	-	-
F12-A2	-	-	-	-
F12-B3	-	-	-	-
F12-B4	-	-	-	-
F12-C5	-	-	-	-
F12-C6	-	-	-	-
F12-D7	-	-	-	-
F12-D8	-	-	-	-
F13-A1	-	-	-	-
F13-A2	-	-	-	-
F13-B3	-	-	-	-
F13-B4	-	-	-	-
F13-C5	-	-	-	-
F13-C6	-	-	-	-
F13-D7	-	-	-	-
F13-D8	-	-	-	-
F14-A1	-	-	-	-
F14-A2	-	-	-	-
F14-B3	-	-	-	-
F14-B4	-	-	-	-
F14-C5	-	-	-	-
F14-C6	-	-	-	-
F14-D7	-	-	-	-
F14-D8	-	-	-	-
R9-1	A68	10	BN	1661710C1
R9-2	A58-G	18	WH	1659673C1
R9-3	-	-	-	-
R9-4	A68E	10	BN	1661710C1
R9-5	A58P	18	BN	1659673C1
R10-1	A70E	10	OR	1661710C1
R10-2	A58-G	18	WH	1661709C1
	A70-G	18	WH	
R10-3	-	-	-	-
R10-4	A70C	10	OR	1661710C1
R10-5	A70D	14	OR	1661709C1
R11-1	A56H	12	OR	1661710C1
R11-2	A70-G	18	WH	1661709C1
	A56-G	18	WH	
R11-3	-	-	-	-
R11-4	A56A	16	OR	1661710C1
	A56C	12	OR	
R11-5	A56E	14	OR	1661709C1
R12-1	A57H	12	OR	1661710C1
R12-2	A56-G	18	WH	1661709C1
	A57-G	18	WH	
R12-3	-	-	-	-
R12-4	A57A	16	OR	1661710C1
	A57C	12	OR	
R12-5	A57E	14	OR	1661709C1

* W/ ENGINE BRAKE
N/ ENGINE BRAKE
& W/ START ENABLE RELAY
% W/ TRI-AXLE

CONTINUED ON SHEET 52

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0488	09SEP15	REVISED AND REDRAWN.	C	93248U	300371	CIRCUIT DIAGRAM, PAYSTAR
					RELEASE NO.	DATE
					61879Y	18SEP09
					PART NO.	AE08058092
					SHEET	051

Figure 245 Connector Composites (464M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.59. CONNECTOR COMPOSITES (464M), P. 52

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM																																																																																																																																																									
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Figure 246 Connector Composites (464M)

13.60. CONNECTOR COMPOSITES (465M / 466M / 468F / 469ML), P. 53

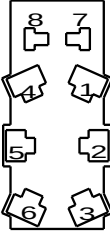
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2	A50	18	YL	3541250C1																																																										
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C	A44B	16	GY	1661875C1	1661872C1																																																									
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PARK BRAKE CONNECTOR (469F)																																																														
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Figure 247 Connector Composites (465M / 466M / 468F / 469ML)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.61. CONNECTOR COMPOSITES (471), P. 54

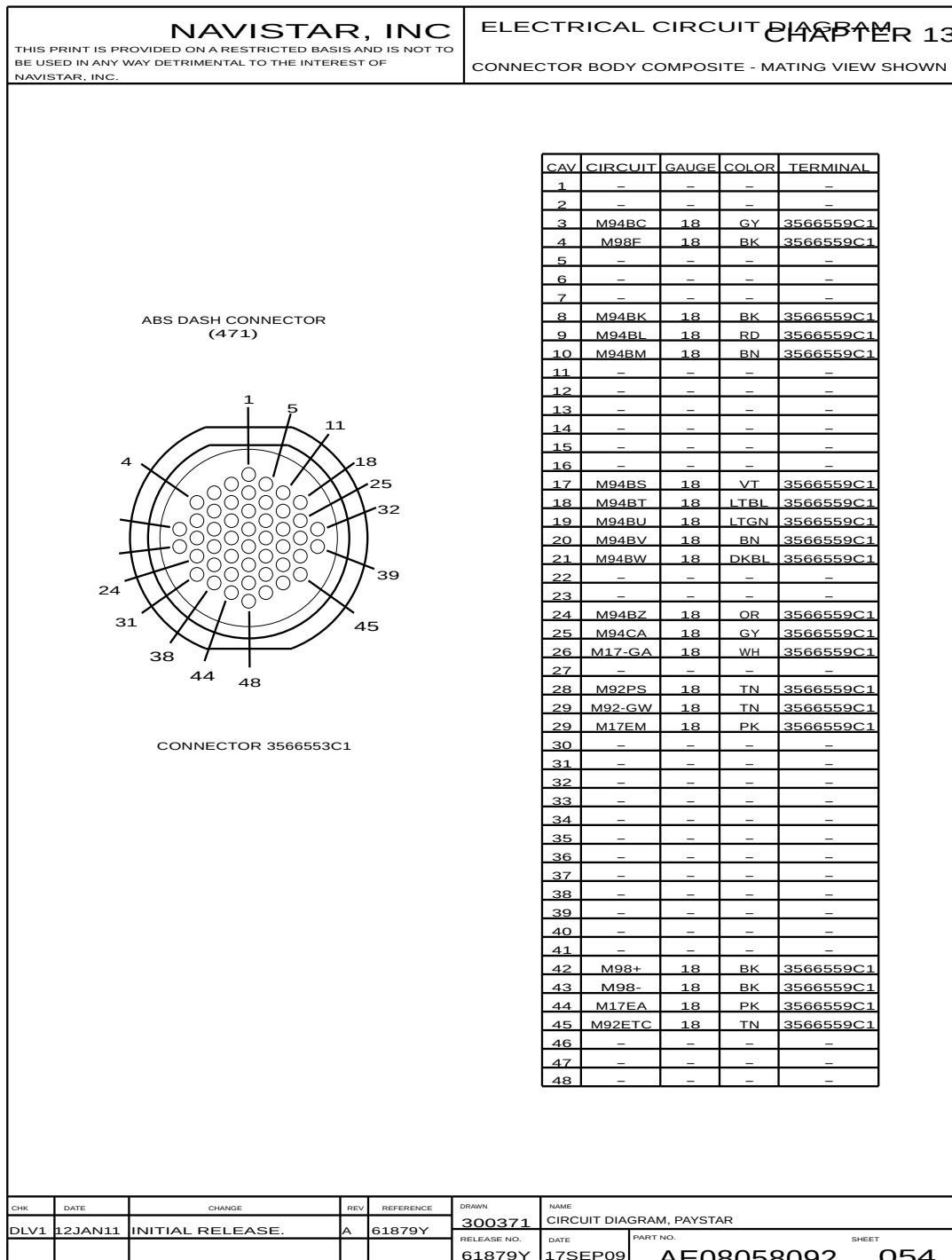


Figure 248 Connector Composites (471)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.62. CONNECTOR COMPOSITES (471), P. 55

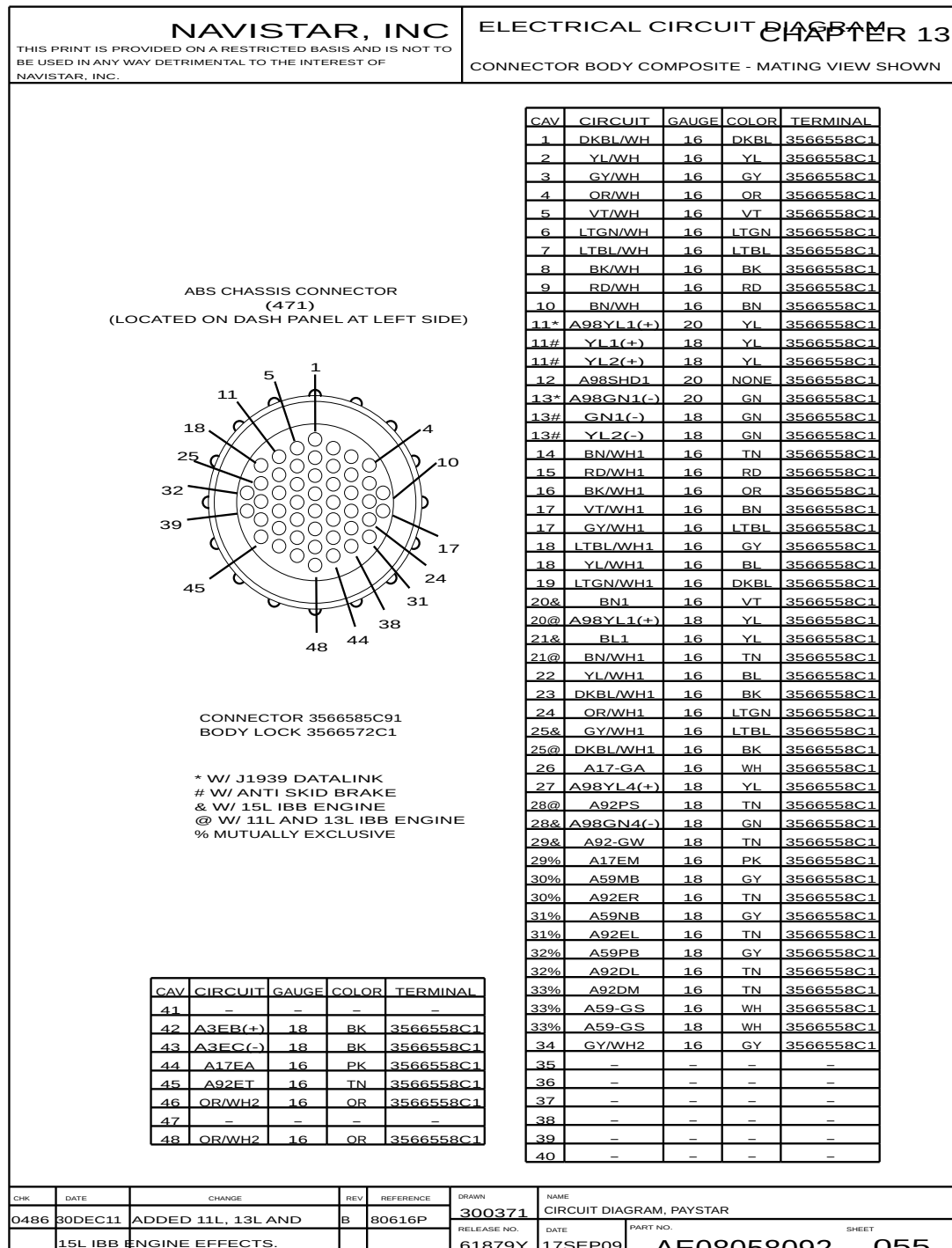


Figure 249 Connector Composites (471)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.63. CONNECTOR COMPOSITES (471), P. 55A

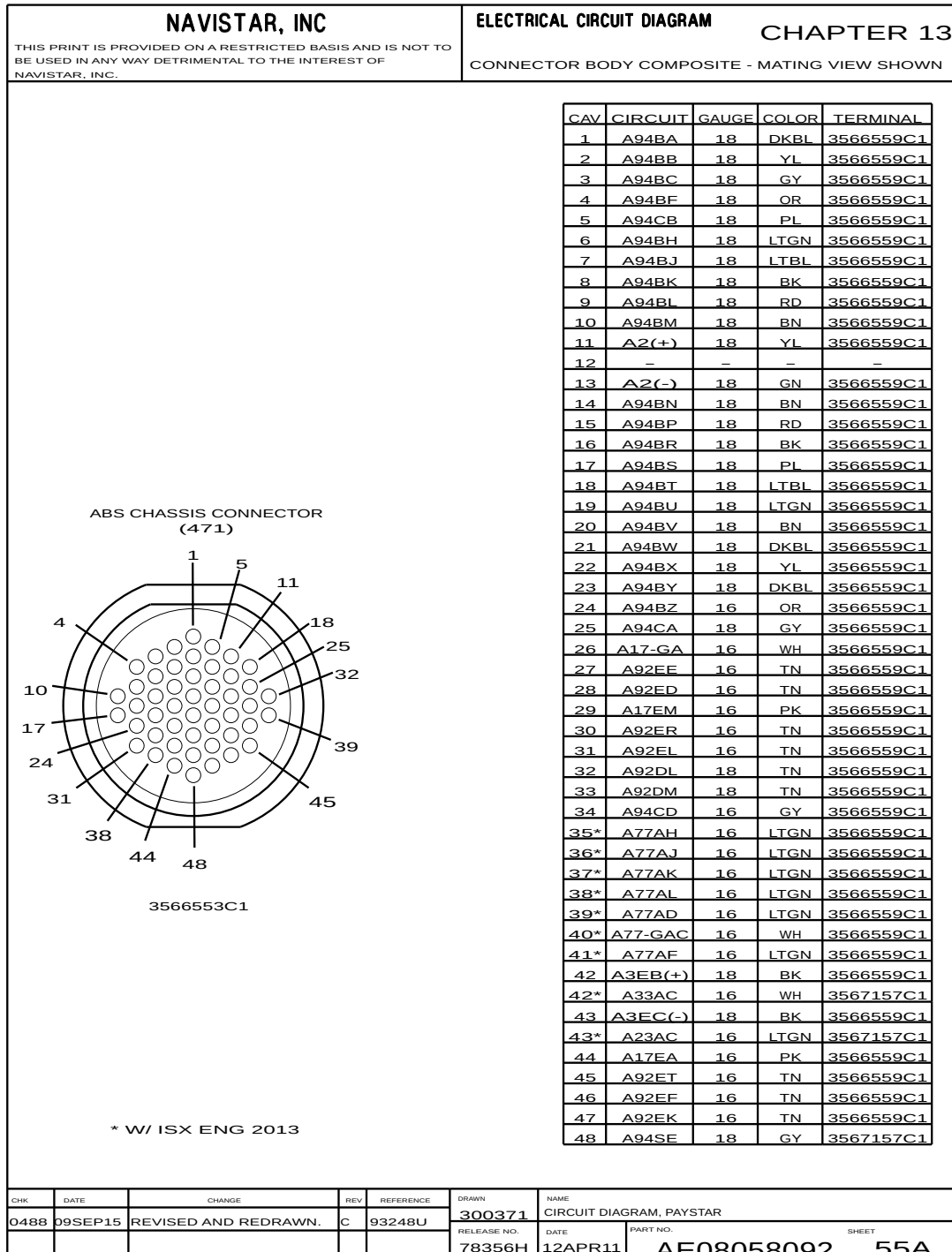


Figure 250 Connector Composites (471)

13.64. CONNECTOR COMPOSITES (471), P. 55B

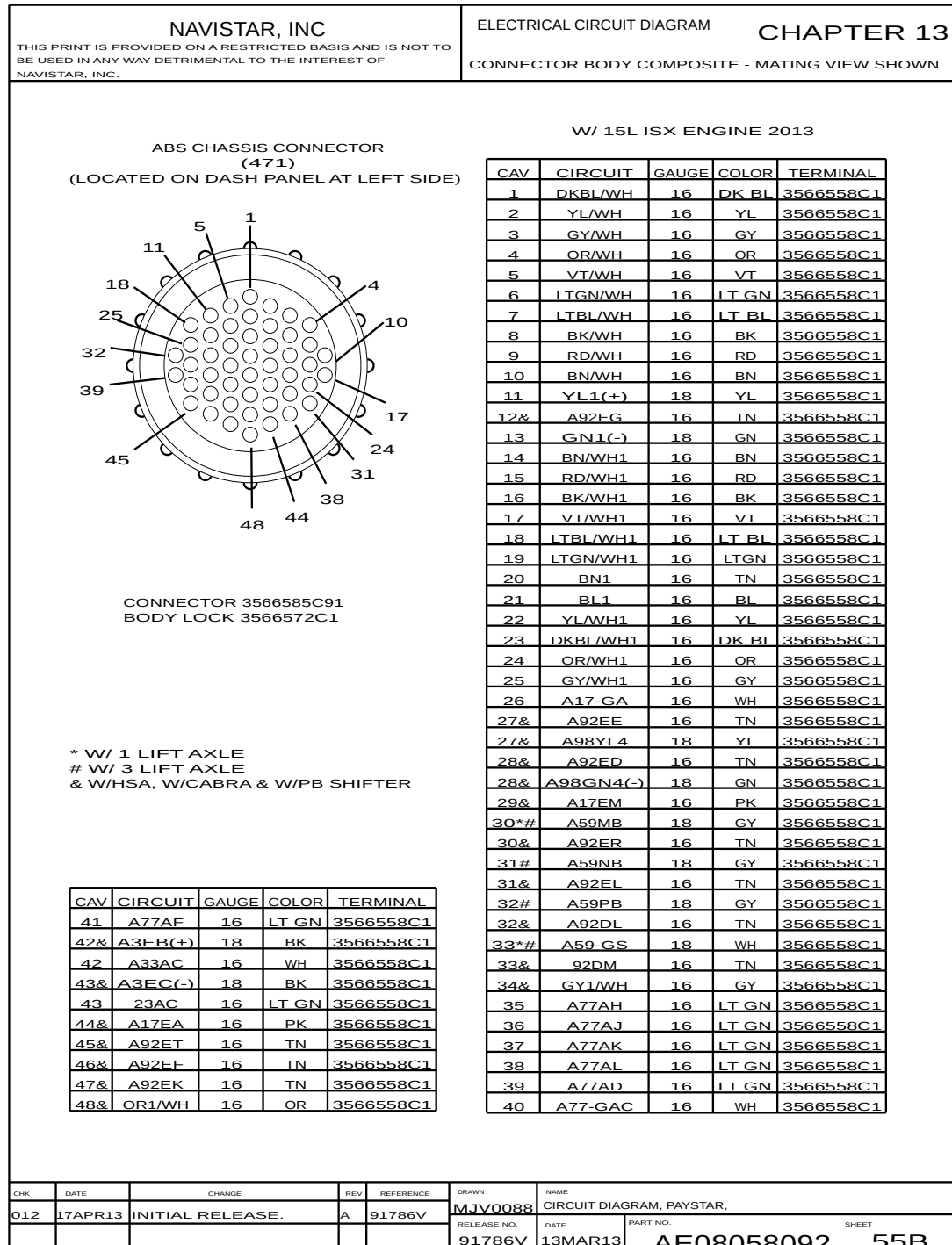


Figure 251 Connector Composites (471)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.65. CONNECTOR COMPOSITES (471A), P. 55C

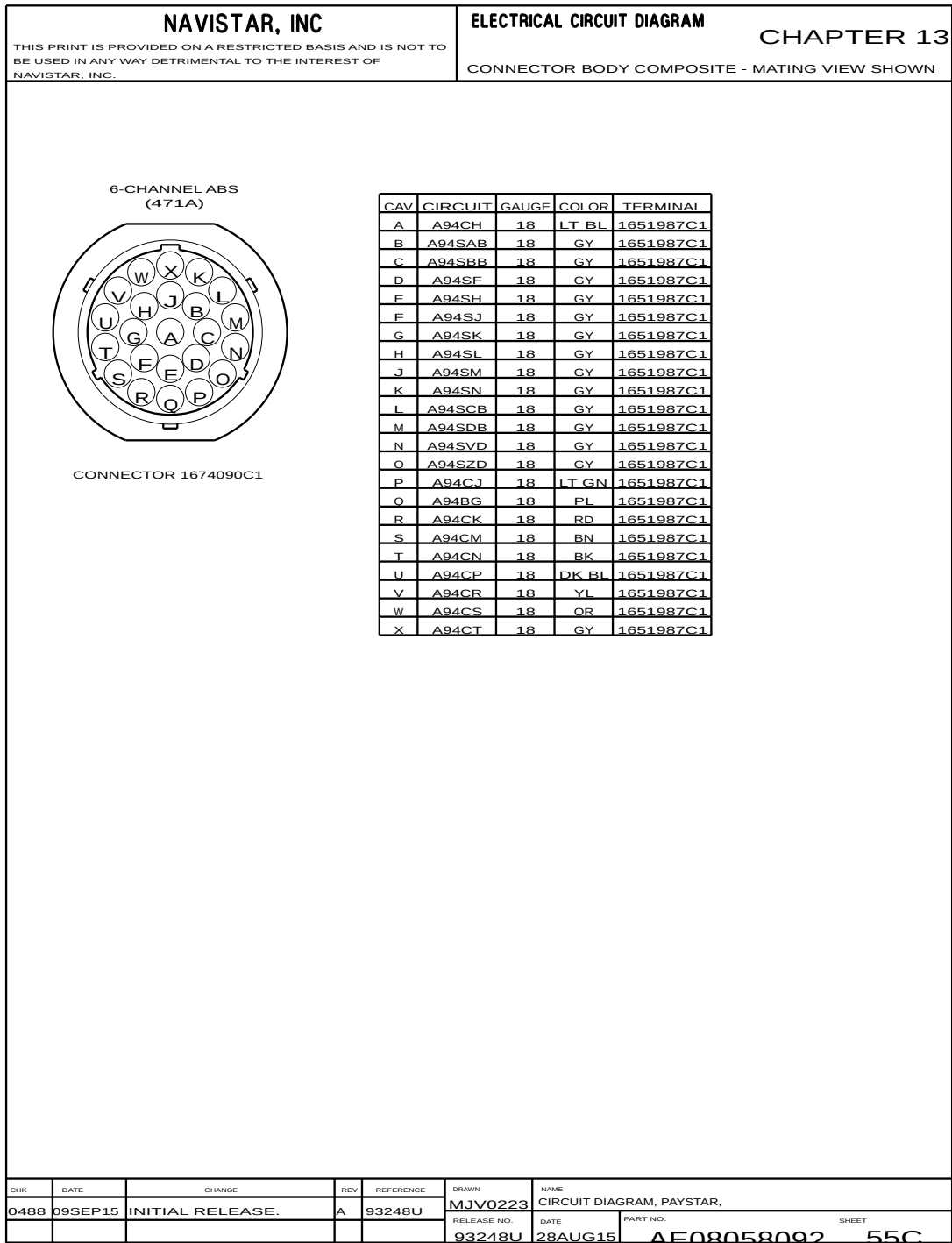


Figure 252 Connector Composites (471A)

13.66. CONNECTOR COMPOSITES (471AF / 480F / 480M / 481M / 482M / 489), P. 56

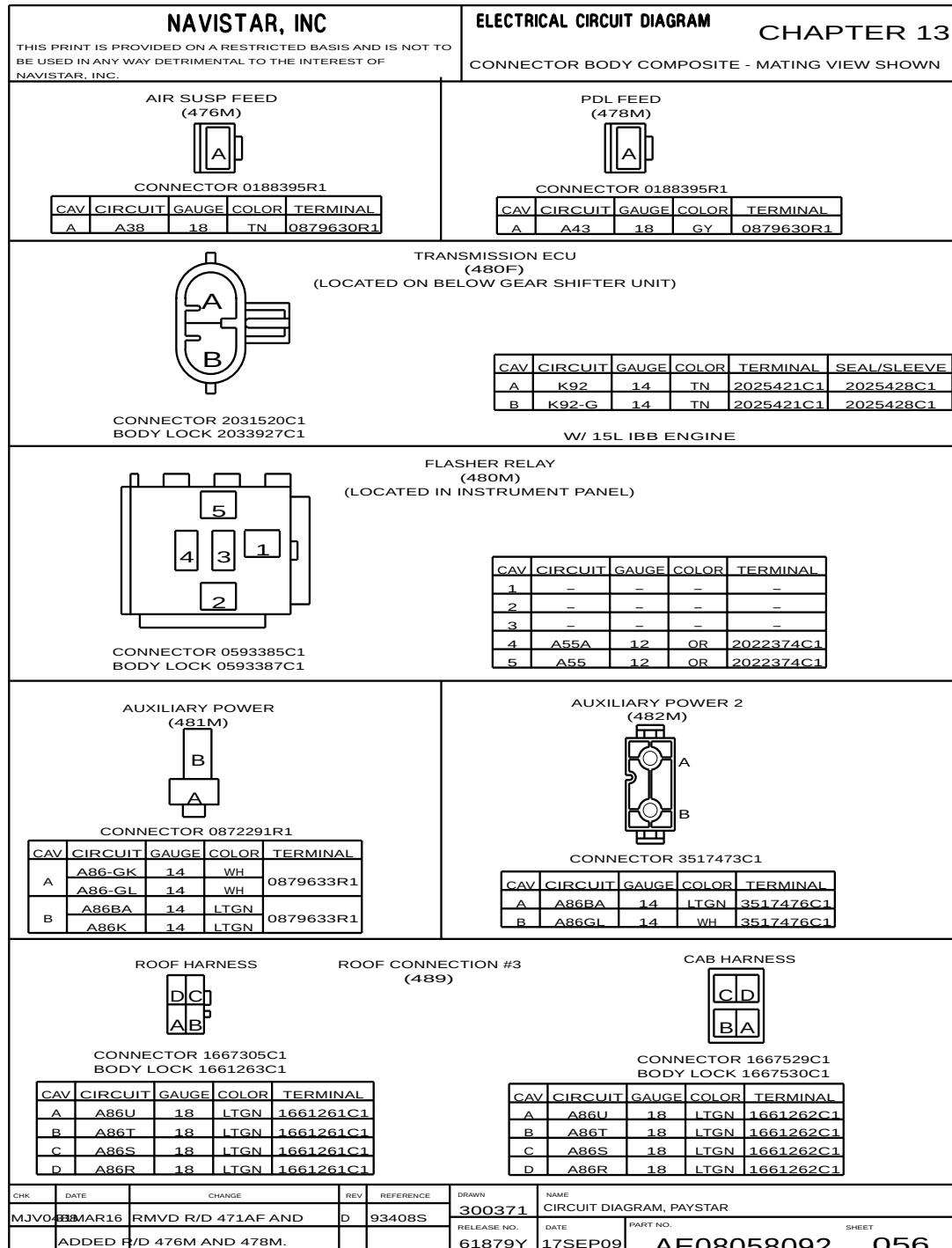


Figure 253 Connector Composites (471AF / 480F / 480M / 481M / 482M / 489)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.67. CONNECTOR COMPOSITES (491F / 492M / 494M), P. 57

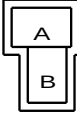
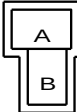
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																												
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PYROMETER CABLE ASSY (491F) (LOCATED IN INSTRUMENT PANEL - CENTER))  CONNECTOR 2022397C91				<table border="1" style="width: 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>RD</td> <td>16</td> <td>RD</td> <td>ASSY</td> </tr> <tr> <td>B</td> <td>YL</td> <td>16</td> <td>YL</td> <td>ASSY</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	RD	16	RD	ASSY	B	YL	16	YL	ASSY																																																												
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61879Y		17SEP09		AE08058092		057																																																																												

Figure 254 Connector Composites (491F / 492M / 494M)

13.68. CONNECTOR COMPOSITES (495M / 497M), P. 58

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																		
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Figure 255 Connector Composites (495M / 497M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.69. CONNECTOR COMPOSITES (498M / 499M), P. 59

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 13																																																							
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MJVO	03MAR16	ADDED CIRC A12P AT	C	93408S	300371	CIRCUIT DIAGRAM, PAYSTAR																																																											
		CAV J OF R/D 499M.			RELEASE NO. 61879Y	DATE 17SEP09	PART NO.		SHEET																																																								
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Figure 256 Connector Composites (498M / 499M)

13.70. CONNECTOR COMPOSITES (501M / 503M), P. 60

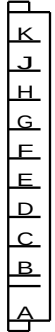
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																						
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ACC ADAPTER (501M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 2006789C1 BODY LOCK 2006792C1 <table border="1" 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>A12AD</td><td>10</td><td>LTBL</td><td>1661211C1</td></tr> <tr><td>B</td><td>A12P</td><td>12</td><td>LTBL</td><td>3566715C1</td></tr> <tr><td>C</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>D</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A12AD	10	LTBL	1661211C1	B	A12P	12	LTBL	3566715C1	C	-	-	-	-	D	-	-	-	-	E	-	-	-	-	F	-	-	-	-	G	-	-	-	-																																													
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PANEL LIGHT ADAPTER (503M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 2007315C1 BODY LOCK 2007316C1 <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>A62M</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>B</td><td>A62AL</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>C</td><td>A62AN</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>D*</td><td>A62S</td><td>18</td><td>LTBL</td><td>1661208C1</td></tr> <tr><td>D#</td><td>A62LT</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>D*</td><td>A62SA</td><td>18</td><td>LTBL</td><td>1661208C1</td></tr> <tr><td>D@@</td><td>A62LT</td><td>18</td><td>LTBL</td><td>1661208C1</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E@</td><td>A62AW</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>H</td><td>A62AB</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>J</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>J@</td><td>A62M</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>K</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>K@</td><td>A62RU</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> </tbody> </table> * W/ ALLISON HD N/ RETARDER # W/ ALLISON HD W/ AUTO NEUTRAL @ W/ 15L ISX ENGINE @@ W/ 500K BAUD RATE REGULATORY								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A62M	16	DKBL	1661209C1	B	A62AL	16	DKBL	1661209C1	C	A62AN	16	DKBL	1661209C1	D*	A62S	18	LTBL	1661208C1	D#	A62LT	18	DKBL	1661208C1	D*	A62SA	18	LTBL	1661208C1	D@@	A62LT	18	LTBL	1661208C1	E	-	-	-	-	E@	A62AW	16	DKBL	1661209C1	F	-	-	-	-	G	-	-	-	-	H	A62AB	16	DKBL	1661209C1	J	-	-	-	-	J@	A62M	16	DKBL	1661209C1	K	-	-	-	-	K@	A62RU	16	DKBL	1661209C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																								
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IN R/D 503M.					RELEASE NO.	DATE	PART NO.																																																																																					
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Figure 257 Connector Composites (501M / 503M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.71. CONNECTOR COMPOSITES (504M / 506M), P. 61

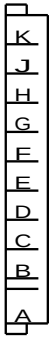
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																											
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PANEL LIGHT ADAPTER (504M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 2007315C1 BODY LOCK 2007316C1				<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>A62AE</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>B*</td><td>A62MSM</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>B@</td><td>A62EA</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>B&</td><td>A92P</td><td>16</td><td>TN</td><td>1661209C1</td></tr> <tr><td>C</td><td>A62AK</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>C</td><td>A62AV</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>D#</td><td>A62MSM</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>D*</td><td>A62MSP</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>D##</td><td>A62A</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>E#</td><td>A62MSP</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>E%</td><td>A62AW</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G</td><td>A62AJ</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>G**</td><td>A62PLF</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>H</td><td>A62U</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>J</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>K</td><td>A62AY</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> </tbody> </table> * W/ ENGINE BRAKE # N/ ENGINE BRAKE @ W/ POWER ROAD RELAY % W/ SINGLE AXIS MIRROR & W/ EATON GEAR DISPLAY ** W/ BEACON LIGHT ## W/ TRI-AXLE				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A62AE	16	DKBL	1661209C1	B*	A62MSM	16	DKBL	1661209C1	B@	A62EA	18	DKBL	1661208C1	B&	A92P	16	TN	1661209C1	C	A62AK	16	DKBL	1661209C1	C	A62AV	16	DKBL	1661209C1	D#	A62MSM	16	DKBL	1661209C1	D*	A62MSP	16	DKBL	1661209C1	D##	A62A	16	DKBL	1661209C1	E#	A62MSP	16	DKBL	1661209C1	E%	A62AW	16	DKBL	1661209C1	F	-	-	-	-	G	A62AJ	16	DKBL	1661209C1	G**	A62PLF	18	DKBL	1661208C1	H	A62U	16	DKBL	1661209C1	J	-	-	-	-	K	A62AY	16	DKBL	1661209C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																													
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PANEL GROUND ADAPTER (506M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 2007315C1 BODY LOCK 2007316C1				<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>A11-GP</td><td>12</td><td>WH</td><td>3566715C1</td></tr> <tr><td>B</td><td>A62-GMS</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>C</td><td>A62-HMS</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>D</td><td>A92MA</td><td>16</td><td>TN</td><td>1661209C1</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>A62GA</td><td>14</td><td>WH</td><td>1661209C1</td></tr> <tr><td>G</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>H</td><td>A11-GAL</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>J</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>K</td><td>A62-GAY</td><td>18</td><td>WH</td><td>1661208C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A11-GP	12	WH	3566715C1	B	A62-GMS	18	WH	1661208C1	C	A62-HMS	18	WH	1661208C1	D	A92MA	16	TN	1661209C1	E	-	-	-	-	F	A62GA	14	WH	1661209C1	G	-	-	-	-	H	A11-GAL	18	WH	1661208C1	J	-	-	-	-	K	A62-GAY	18	WH	1661208C1																																			
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F	A62GA	14	WH	1661209C1																																																																																													
G	-	-	-	-																																																																																													
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					61879Y	17SEP09	AE08058092 061																																																																																										

Figure 258 Connector Composites (504M / 506M)

13.72. CONNECTOR COMPOSITES (509M / 511M / 512F), P. 62

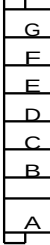
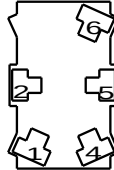
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																													
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																															
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F	-	-	-	-																																																															
G	-	-	-	-																																																															
TRACTION CONTROL SWITCH / BLINK CODE SWITCH (511M)  CONNECTOR 1661256C1 <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>A94E</td><td>18</td><td>GY</td><td>1661226C1</td></tr> <tr><td>5*</td><td>A94H</td><td>16</td><td>GY</td><td>1661226C1</td></tr> <tr><td>6*</td><td>A94-G</td><td>16</td><td>WH</td><td>1661226C1</td></tr> <tr><td>6#</td><td>A94-GC</td><td>18</td><td>WH</td><td>1661226C1</td></tr> <tr><td>6</td><td>A94-GL</td><td>16</td><td>WH</td><td>1661226C1</td></tr> </tbody> </table> * W/ WABCO ABS # W/ BENDIX ABS								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	-	-	-	-	3	-	-	-	-	4	-	-	-	-	5#	A94E	18	GY	1661226C1	5*	A94H	16	GY	1661226C1	6*	A94-G	16	WH	1661226C1	6#	A94-GC	18	WH	1661226C1	6	A94-GL	16	WH	1661226C1										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																															
1	-	-	-	-																																																															
2	-	-	-	-																																																															
3	-	-	-	-																																																															
4	-	-	-	-																																																															
5#	A94E	18	GY	1661226C1																																																															
5*	A94H	16	GY	1661226C1																																																															
6*	A94-G	16	WH	1661226C1																																																															
6#	A94-GC	18	WH	1661226C1																																																															
6	A94-GL	16	WH	1661226C1																																																															
LOW AIR SWITCH #2 (512F)  CONNECTOR 1661777C1 BODY LOCK 1661873C1 <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>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>A40B</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>D</td><td>A40-GB</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	-	-	-	-	-	B	-	-	-	-	-	C	A40B	16	GY	1661875C1	1661872C1	D	A40-GB	16	WH	1661875C1	1661872C1																														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																														
A	-	-	-	-	-																																																														
B	-	-	-	-	-																																																														
C	A40B	16	GY	1661875C1	1661872C1																																																														
D	A40-GB	16	WH	1661875C1	1661872C1																																																														
<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>0488</td> <td>09SEP15</td> <td>ADDED CIRC A94-GL IN</td> <td>B</td> <td>93248U</td> <td>300371</td> <td>CIRCUIT DIAGRAM, PAYSTAR</td> </tr> <tr> <td></td> <td>R/D 511M</td> <td></td> <td></td> <td></td> <td>61879Y</td> <td>17SEP09</td> </tr> </tbody> </table> RELEASE NO. 61879Y DATE 17SEP09 PART NO. AE08058092 SHEET 062								CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	0488	09SEP15	ADDED CIRC A94-GL IN	B	93248U	300371	CIRCUIT DIAGRAM, PAYSTAR		R/D 511M				61879Y	17SEP09																																							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																													
0488	09SEP15	ADDED CIRC A94-GL IN	B	93248U	300371	CIRCUIT DIAGRAM, PAYSTAR																																																													
	R/D 511M				61879Y	17SEP09																																																													

Figure 259 Connector Composites (509M / 511M / 512F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.73. CONNECTOR COMPOSITES (513M / 514M), P. 63

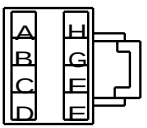
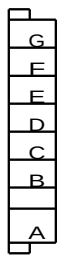
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																																	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																	
DRL MODULE - USA (513M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 2005835C1 BODY LOCK 2006503C1 <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>A64D</td><td>14</td><td>YL</td><td>3566715C1</td></tr> <tr><td>B</td><td>A64C</td><td>14</td><td>YL</td><td>3566715C1</td></tr> <tr><td>C</td><td>A66F</td><td>14</td><td>YL</td><td>3566715C1</td></tr> <tr><td>D</td><td>A66-GA</td><td>14</td><td>WH</td><td>3566715C1</td></tr> <tr><td>E</td><td>A66E</td><td>16</td><td>YL</td><td>1661209C1</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G</td><td>A66D</td><td>14</td><td>YL</td><td>3566715C1</td></tr> <tr><td>H</td><td>A66A</td><td>14</td><td>YL</td><td>3566715C1</td></tr> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A64D	14	YL	3566715C1	B	A64C	14	YL	3566715C1	C	A66F	14	YL	3566715C1	D	A66-GA	14	WH	3566715C1	E	A66E	16	YL	1661209C1	F	-	-	-	-	G	A66D	14	YL	3566715C1	H	A66A	14	YL	3566715C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																		
A	A64D	14	YL	3566715C1																																																		
B	A64C	14	YL	3566715C1																																																		
C	A66F	14	YL	3566715C1																																																		
D	A66-GA	14	WH	3566715C1																																																		
E	A66E	16	YL	1661209C1																																																		
F	-	-	-	-																																																		
G	A66D	14	YL	3566715C1																																																		
H	A66A	14	YL	3566715C1																																																		
DATA LINK POSITIVE (514M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 2006789C1 BODY LOCK 2006792C1 <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>A98A(+)</td><td>14</td><td>BK</td><td>3566715C1</td></tr> <tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>A47/48(+)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>D</td><td>A98J(+)</td><td>16</td><td>RD</td><td>1661209C1</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>A98E(+)</td><td>18</td><td>BK</td><td>1661208C1</td></tr> <tr><td>G</td><td>A98MA(+)</td><td>18</td><td>BK</td><td>1661208C1</td></tr> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A98A(+)	14	BK	3566715C1	B	-	-	-	-	C	A47/48(+)	18	GY	1661208C1	D	A98J(+)	16	RD	1661209C1	E	-	-	-	-	F	A98E(+)	18	BK	1661208C1	G	A98MA(+)	18	BK	1661208C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																		
A	A98A(+)	14	BK	3566715C1																																																		
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G	A98MA(+)	18	BK	1661208C1																																																		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																
DLV1	12JAN11	INITIAL RELEASE.	A	61879Y	300371	CIRCUIT DIAGRAM, PAYSTAR																																																
RELEASE NO.		DATE		PART NO.		SHEET																																																
61879Y		17SEP09		AE08058092		063																																																

Figure 260 Connector Composites (513M / 514M)

13.74. CONNECTOR COMPOSITES (515M / 517M / 520 / 521), P. 64

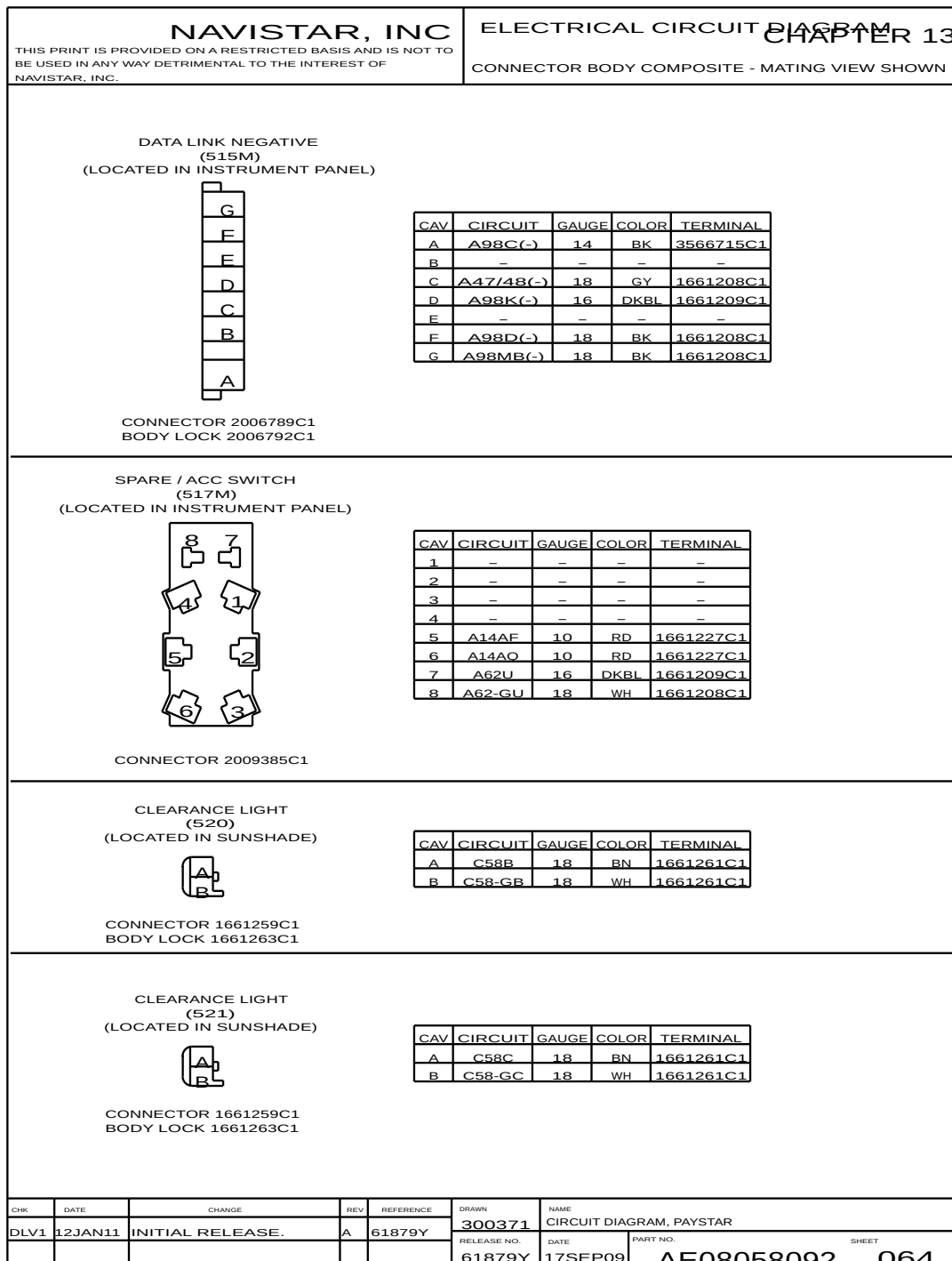


Figure 261 Connector Composites (515M / 517M / 520 / 521)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.75. CONNECTOR COMPOSITES (522 / 523 / 524 / 528 / 529), P. 65

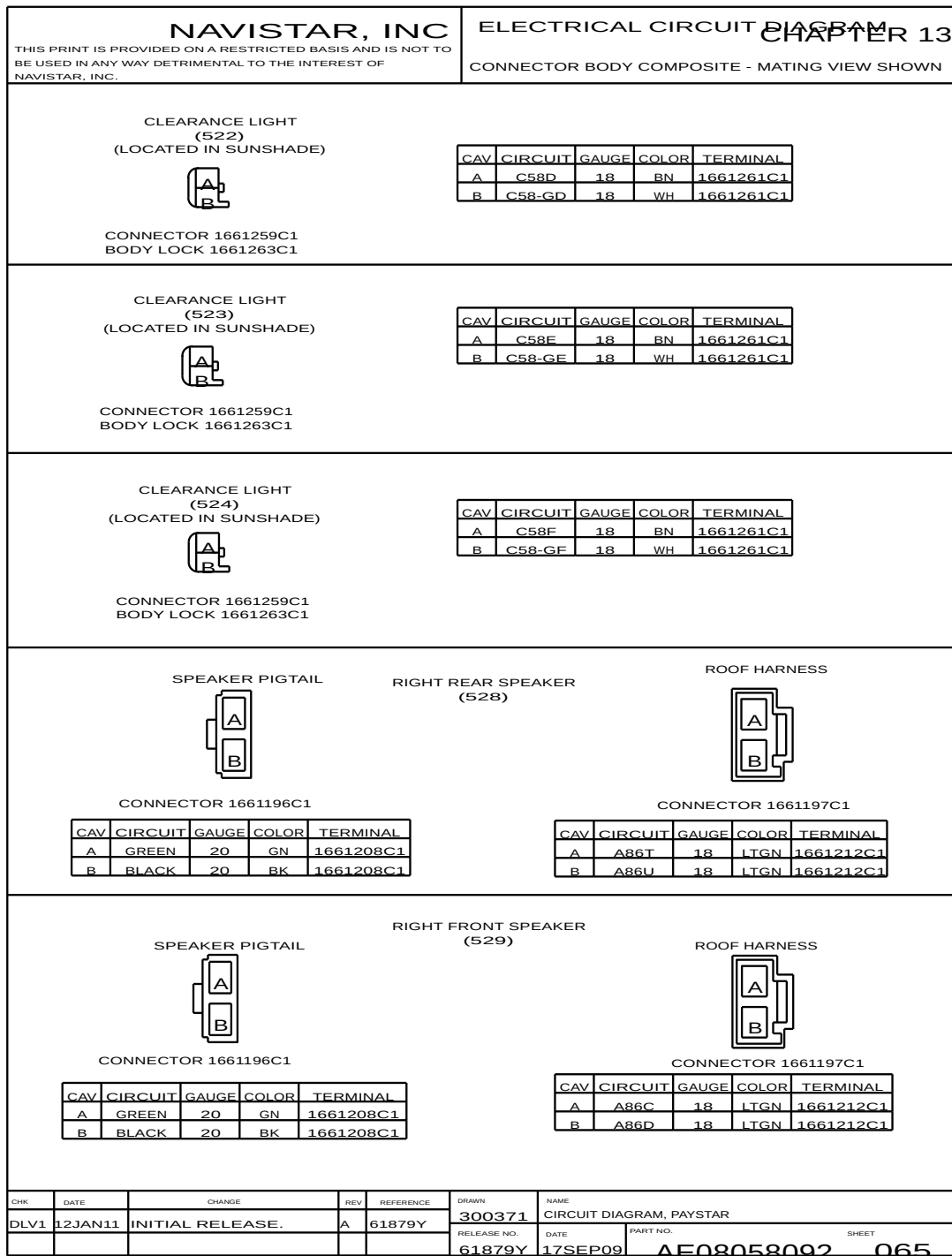


Figure 262 Connector Composites (522 / 523 / 524 / 528 / 529)

13.76. CONNECTOR COMPOSITES (530 / 531 / 562M / 600M), P. 66

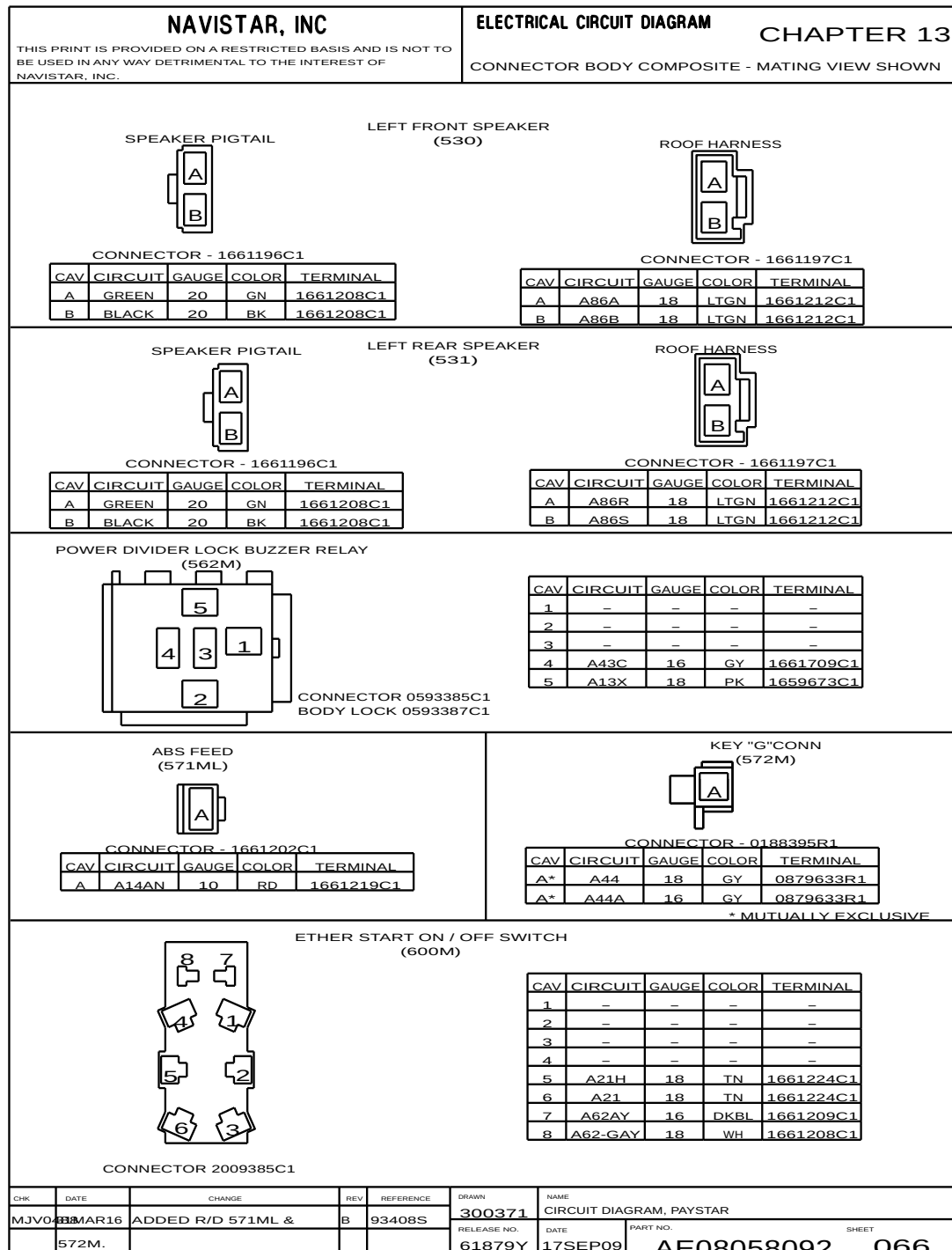


Figure 263 Connector Composites (530 / 531 / 562M / 600M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.77. CONNECTOR COMPOSITES (608 / 640 / 649M / 659M / 662M / 665B), P. 67

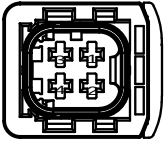
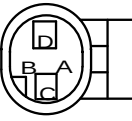
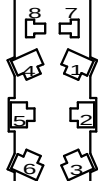
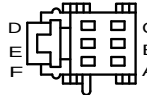
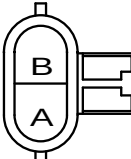
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13																																														
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																			
NOX SENSOR (608) (LOCATED IN ENGINE)  CONNECTOR 3993814C1					STOP LIGHT SWITCH (640) (LOCATED IN CAB)  CONNECTOR 1661777C1 BODY LOCK 1661873C1																																																			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																													
1	K95AM	18	TN	3993815C1	3532128C1	A	-	-	-	-	-																																													
2	K5J(-)	18	LT GN	3993815C1	3532128C1	B	-	-	-	-	-																																													
3	K5J(+)	18	LT GN	3993815C1	3532128C1	C	A70	16	OR	1661875C1	1661872C1																																													
4	K95-GB	18	WH	3993815C1	3575783C1	D	A70A	16	OR	1661875C1	1661872C1																																													
TRANSMISSION SERVICE LIGHT (649M) (LOCATED IN CAB)  CONNECTOR 1661778C1 BODY LOCK 1661874C1																																																								
					<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>A92CT</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>A13CJ</td> <td>18</td> <td>PK</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A92CT	18	TN	1661875C1	1661872C1	B	A13CJ	18	PK	1661875C1	1661872C1																											
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																			
A	A92CT	18	TN	1661875C1	1661872C1																																																			
B	A13CJ	18	PK	1661875C1	1661872C1																																																			
ENGINE FAN OVERRIDE SWITCH (659M) (LOCATED IN CAB)  CONNECTOR 2009385C1																																																								
					<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>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>A23A</td><td>16</td><td>TN</td><td>1661226C1</td></tr> <tr><td>6</td><td>A23B</td><td>16</td><td>TN</td><td>1661226C1</td></tr> <tr><td>7</td><td>A62M</td><td>16</td><td>DK BL</td><td>1661209C1</td></tr> <tr><td>8</td><td>A11-GR</td><td>16</td><td>WH</td><td>1661209C1</td></tr> </tbody> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	-	-	-	-	3	-	-	-	-	4	-	-	-	-	5	A23A	16	TN	1661226C1	6	A23B	16	TN	1661226C1	7	A62M	16	DK BL	1661209C1	8	A11-GR	16	WH	1661209C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																				
1	-	-	-	-																																																				
2	-	-	-	-																																																				
3	-	-	-	-																																																				
4	-	-	-	-																																																				
5	A23A	16	TN	1661226C1																																																				
6	A23B	16	TN	1661226C1																																																				
7	A62M	16	DK BL	1661209C1																																																				
8	A11-GR	16	WH	1661209C1																																																				
RADIO DISPLAY POWER (662M) (LOCATED IN CAB)  CONNECTOR 2031871C1 BODY LOCK 2031873C1						NEGATIVE BATTERY CONNECTOR (665B) (LOCATED IN CAB)  CONNECTOR 2031522C1 BODY LOCK 2033927C1																																																		
						<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>A11-GPD</td> <td>18</td> <td>WH</td> <td>1661261C1</td> <td></td> </tr> <tr> <td>B</td> <td>A14B</td> <td>18</td> <td>RD</td> <td>1661261C1</td> <td></td> </tr> <tr> <td>C</td> <td>A13PB</td> <td>18</td> <td>PK</td> <td>1661261C1</td> <td></td> </tr> <tr> <td>D</td> <td>A98D(-)</td> <td>18</td> <td>BK</td> <td>1661261C1</td> <td></td> </tr> <tr> <td>E</td> <td>A98E(+)</td> <td>18</td> <td>BK</td> <td>1661261C1</td> <td></td> </tr> <tr> <td>F</td> <td>A62EA</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> <td></td> </tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A11-GPD	18	WH	1661261C1		B	A14B	18	RD	1661261C1		C	A13PB	18	PK	1661261C1		D	A98D(-)	18	BK	1661261C1		E	A98E(+)	18	BK	1661261C1		F	A62EA	18	DKBL	1661261C1				
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																			
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						<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>PLUG</td> <td>-</td> <td>-</td> <td>2025432C1</td> <td>-</td> </tr> <tr> <td>B</td> <td>A11-G</td> <td>10</td> <td>WH</td> <td>2031531C1</td> <td>2025427C1</td> </tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	PLUG	-	-	2025432C1	-	B	A11-G	10	WH	2031531C1	2025427C1																											
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																			
A	PLUG	-	-	2025432C1	-																																																			
B	A11-G	10	WH	2031531C1	2025427C1																																																			
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																		
0638	19JAN15	CIRCUIT UPDATED FOR	C	92948G	300371	CIRCUIT DIAGRAM, PAYSTAR																																																		
					RELEASE NO.	DATE	PART NO.	SHEET																																																
R/D 659M.					61879Y	17SEP09	AE08058092	067																																																

Figure 264 Connector Composites (608 / 640 / 649M / 659M / 662M / 665B)

13.78. CONNECTOR COMPOSITES (668M / 670 / 670A), P. 67A

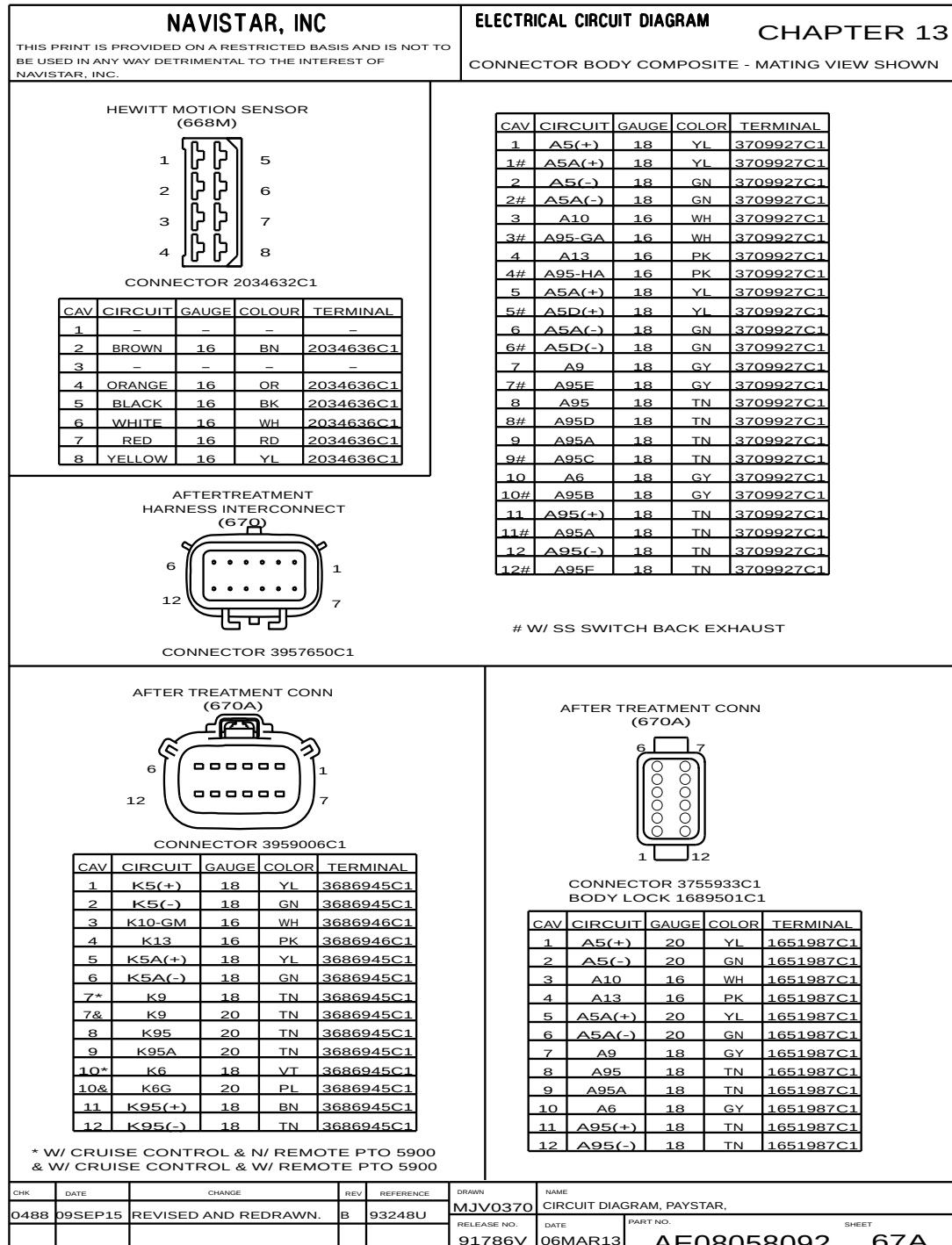


Figure 265 Connector Composites (668M / 670 / 670A)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.79. CONNECTOR COMPOSITES (670G / *671 / 671A / 672 / 673), P. 67B

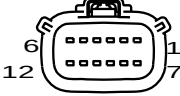
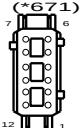
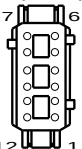
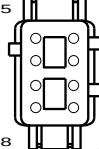
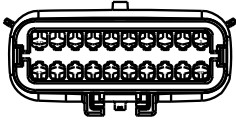
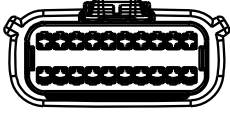
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																																																													
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AFTER TREATMENT CONN (670G)  CONNECTOR 3959006C1				SCR SENSOR TABLE (*671)  CONNECTOR 3989896C1 BODY LOCK 3553460C1																																																																																																																																															
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5#	A95F	18	GY	3989895C1																																																																																																																																															
6	A95	18	TN	3989895C1																																																																																																																																															
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1#	A95A	18	TN	3689960C1	3623615C1																																																																																																																																														
2	A95(-)	18	TN	3689960C1	3623615C1																																																																																																																																														
2#	A95F	18	TN	3689960C1	3623615C1																																																																																																																																														
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																																																																													
0488	09SEP15	REVISED AND REDRAWN.	B	93248U	MJV0088	CIRCUIT DIAGRAM, PAYSTAR,																																																																																																																																													
					RELEASE NO.	DATE	PART NO.																																																																																																																																												
					91786V	17APR13	AE08058092																																																																																																																																												
						SHEET	67B																																																																																																																																												

Figure 266 Connector Composites (670G / *671 / 671A / 672 / 673)

13.80. CONNECTOR COMPOSITES (674), P. 67C

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 COMPOSITE - MATING VIEW SHOWN				
DEF HARNESS INTERCONNECT (674)					DEF HARNESS INTERCONNECT (674)				
									
CONNECTOR 3990222C1					CONNECTOR 3990231C1				
CAV	CIRCUIT	GA	COLOR	TERMINAL	CAV	CIRCUIT	GA	COLOR	TERMINAL
1	A95AB	20	TN	3709927C1	1	K95AB	18	TN	3686945C1
2	A95AC	20	TN	3709927C1	2	K95AC	18	TN	3686945C1
3	A95AD	20	TN	3709927C1	3	K95AD	18	TN	3686945C1
4	A95AE	18	TN	3709927C1	4	K95AE	18	TN	3686945C1
5	A95AF	20	TN	3709927C1	5	K95AF	18	TN	3686945C1
6	A95AG	20	TN	3709927C1	6	K95AG	18	TN	3686945C1
7	A95AH	20	TN	3709927C1	7	K95AH	18	TN	3686945C1
8	A95AA	20	TN	3709927C1	8	K95AA	18	TN	3686945C1
9	A95Z	20	TN	3709927C1	9	K95Z	18	TN	3686945C1
10	A95-PG	16	RD	3709927C1	10	K95-PG	18	RD	3686945C1
11	A95-PA	18	RD	3709927C1	11	K95-PA	18	RD	3686945C1
12	A95-PB	18	RD	3709927C1	12	K95-PB	18	RD	3686945C1
14	A5B(+)	18	YL	3709927C1	14	K98YL3	18	YL	3686945C1
15	A5B(-)	18	GN	3709927C1	14*	K5TC(+)	18	YL	3686945C1
16	A5C(+)	18	YL	3709927C1	14#	K5TA(+)	18	YL	3686945C1
17	A5C(-)	18	GN	3709927C1	15	K98GN3	18	GN	3686945C1
18	A5G(-)	18	GN	3709927C1	15*	K5TC(-)	18	GN	3686945C1
19	A5G(+)	18	YL	3709927C1	15#	K5TA(-)	18	GN	3686945C1
20	A95AM	16	TN	3709927C1	16	K98YL6	18	YL	3686945C1
					16*	K5TB(+)	18	YL	3686945C1
					16#	K5TC(+)	18	YL	3686945C1
					17	K98GN6	18	GN	3686945C1
					17*	K5TB(-)	18	GN	3686945C1
					17#	K5TC(-)	18	GN	3686945C1
					18	K5G(-)	18	LT GN	3686945C1
					19	K5G(+)	18	YL	3686945C1
					20	K95AM	18	TN	3686945C1

* W/ MANUAL TRANSMISSION
W/ ULTRASHIFT PLUS

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
012	17APR13	INITIAL RELEASE.	A	91786V	MJV0088	CIRCUIT DIAGRAM, PAYSTAR,
					RELEASE NO.	DATE
					91786V	17APR13
					PART NO.	SHEET
					AE08058092	67C

Figure 267 Connector Composites (674)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.81. CONNECTOR COMPOSITES (674D / 674E / 675 / 676), P. 67D

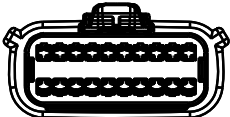
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13		
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN				
DEF TANK HARNESS CONNECTOR (674D) 					DEF TANK (674E) 				
CONNECTOR 3990231C1					CONNECTOR 3990231C1				
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOUR	TERMINAL
1	K95D	20	TN	3686945C1	1	K95D	20	TN	3686945C1
2	K95E	20	TN	3686945C1	2	K95E	20	TN	3686945C1
3	K95F	20	TN	3686945C1	3	K95F	20	TN	3686945C1
4	K10-GL	16	WH	3686946C1	4	K10-GL	16	WH	3686946C1
5	K95G	20	TN	3686945C1	5	K95G	20	TN	3686945C1
6	K95-GB	16	TN	3686946C1	6	K95-GB	16	TN	3686946C1
7	K95H&	20	TN	3686945C1	7	K95H*	20	TN	3686945C1
7	K95H@	20	TN	3686945C1	7	K95H#	20	TN	3686945C1
8	K95J&	16	VT	3686946C1	8	K95J*	16	VT	3686946C1
8	K6E@	20	PL	3686945C1	8	K6E#	20	PK	3686945C1
9	K95K	20	TN	3686945C1	9	K95K	20	TN	3686945C1
10	K95A1	20	TN	3686945C1	10	K95A1	20	TN	3686945C1
11	K95M	16	TN	3686946C1	11	K95M	16	TN	3686946C1
12	K95B	20	TN	3686945C1	12	K95B	20	TN	3686945C1
13	K95C	20	TN	3686945C1	13	K95C	20	TN	3686945C1
14	K14	16	RD	3686946C1	14	K14	16	RD	3686946C1
15	K13A	16	PK	3686946C1	15	K13A	16	PK	3686946C1
16	K13E	16	PK	3686946C1	16	K13E	16	PK	3686946C1
17	K95-GA	20	TN	3686945C1	17	K95-GA	20	TN	3686945C1
18	K5(-)	18	GN	3686945C1	18	K5(-)	18	LT GN	3686945C1
19	K5(+)	18	YL	3686945C1	19	K5(+)	18	YL	3686945C1
20	K14A	16	RD	3686946C1	20	K14A	16	RD	3686946C1
& W/ CRUISE CONTROL & N/ REMOTE PTO 5900 @ W/ CRUISE CONTROL & W/ REMOTE PTO 5900					* W/ CRUISE CONTROL & N/ REMOTE PTO 9900 # W/ CRUISE CONTROL & W/ REMOTE PTO 9900				
BACKFLOW HEATER (675) 					PRESSURE HEATER (676) 				
CONNECTOR 3854665C91					CONNECTOR 3854666C91				
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A95AP	16	TN	1680205C1	1	A95AO	16	TN	1680205C1
*1	A95AA	16	TN	1680205C1	*1	A95BA	16	TN	1680205C1
2	A95S	18	TN	1680205C1	2	A95U	18	TN	1680205C1
*2	A95MA	16	TN	1680205C1	*2	A95MB	16	TN	1680205C1
* W/ 2010 SCR 13L ENG					* W/ 2010 SCR 13L ENG				
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME			
012	17APR13	INITIAL RELEASE.	A	91786V	MJV0088	CIRCUIT DIAGRAM, PAYSTAR,			
					RELEASE NO.	DATE	PART NO.	SHEET	
					91786V	17APR13	AE08058092	67D	

Figure 268 Connector Composites (674D / 674E / 675 / 676)

13.82. CONNECTOR COMPOSITES (677 / 678 / 679), P. 67E

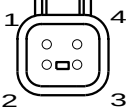
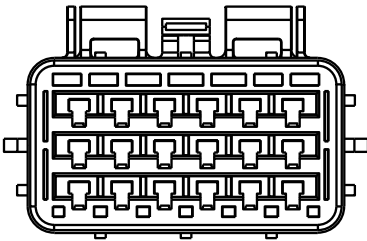
NAVISTAR, INC THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																																			
				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																																																					
SUCTION HEATER (677)  CONNECTOR 3854645C91 <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>A95AR</td> <td>16</td> <td>TN</td> <td>1680205C1</td> </tr> <tr> <td>*1</td> <td>A95CA</td> <td>16</td> <td>TN</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>A95Y</td> <td>18</td> <td>TN</td> <td>1680205C1</td> </tr> <tr> <td>*2</td> <td>A95MC</td> <td>16</td> <td>TN</td> <td>1680205C1</td> </tr> </tbody> </table> * W/ 2010 SCR 13L ENG								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A95AR	16	TN	1680205C1	*1	A95CA	16	TN	1680205C1	2	A95Y	18	TN	1680205C1	*2	A95MC	16	TN	1680205C1																																																																																									
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2	A95Y	18	TN	1680205C1																																																																																																																					
*2	A95MC	16	TN	1680205C1																																																																																																																					
TANK SENSOR (678)  CONNECTOR 3991593C1 BODY LOCK 3545579C1 <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>A5F(-)</td> <td>18</td> <td>GN</td> <td>3572625C1</td> </tr> <tr> <td>*1</td> <td>A5F(-)</td> <td>18</td> <td>GN</td> <td>3991593C1</td> </tr> <tr> <td>2</td> <td>A5F(+)</td> <td>18</td> <td>YL</td> <td>3572625C1</td> </tr> <tr> <td>*2</td> <td>A5F(+)</td> <td>18</td> <td>YL</td> <td>3991593C1</td> </tr> <tr> <td>3</td> <td>A95-GD</td> <td>16</td> <td>TN</td> <td>3572625C1</td> </tr> <tr> <td>*3</td> <td>A10B</td> <td>16</td> <td>WH</td> <td>3991593C1</td> </tr> <tr> <td>4</td> <td>A95AL</td> <td>16</td> <td>TN</td> <td>3572625C1</td> </tr> <tr> <td>*4</td> <td>A13A</td> <td>16</td> <td>PK</td> <td>3991593C1</td> </tr> </tbody> </table> * W/ 2010 SCR 13L ENG								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A5F(-)	18	GN	3572625C1	*1	A5F(-)	18	GN	3991593C1	2	A5F(+)	18	YL	3572625C1	*2	A5F(+)	18	YL	3991593C1	3	A95-GD	16	TN	3572625C1	*3	A10B	16	WH	3991593C1	4	A95AL	16	TN	3572625C1	*4	A13A	16	PK	3991593C1																																																																					
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*4	A13A	16	PK	3991593C1																																																																																																																					
AFTERTREATMENT PDM (679)  CONNECTOR 6114508C1 BODY LOCK 6114510C1 <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>A1</td><td>A95-PM</td><td>14</td><td>RD</td><td>2033816C1</td><td>1652325C1</td></tr> <tr><td>A2</td><td>A95X</td><td>20</td><td>TN</td><td>2033819C1</td><td>3517771C1</td></tr> <tr><td>A3</td><td>A95-PK</td><td>14</td><td>RD</td><td>2033816C1</td><td>1652325C1</td></tr> <tr><td>A4</td><td>A95O</td><td>18</td><td>TN</td><td>2033819C1</td><td>3517771C1</td></tr> <tr><td>A5</td><td>A95-PH</td><td>14</td><td>RD</td><td>2033816C1</td><td>1652325C1</td></tr> <tr><td>A6</td><td>A95-PF</td><td>16</td><td>RD</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B1</td><td>A95T</td><td>20</td><td>TN</td><td>2033819C1</td><td>3517771C1</td></tr> <tr><td>B2</td><td>A95AS</td><td>14</td><td>TN</td><td>2033816C1</td><td>1652325C1</td></tr> <tr><td>B3</td><td>A95R</td><td>20</td><td>TN</td><td>2033819C1</td><td>3517771C1</td></tr> <tr><td>B4</td><td>A95AJ</td><td>16</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B5</td><td>A95-GC</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B6</td><td>A95AN</td><td>12</td><td>TN</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>C1</td><td>A95-PM</td><td>14</td><td>RD</td><td>2033816C1</td><td>1652325C1</td></tr> <tr><td>C2</td><td>A95-PN</td><td>14</td><td>RD</td><td>2033816C1</td><td>1652325C1</td></tr> <tr><td>C3</td><td>A95-PK</td><td>14</td><td>RD</td><td>2033816C1</td><td>1652325C1</td></tr> <tr><td>C4</td><td>A95-PI</td><td>14</td><td>RD</td><td>2033816C1</td><td>1652325C1</td></tr> <tr><td>C5</td><td>A95-PH</td><td>14</td><td>RD</td><td>2033816C1</td><td>1652325C1</td></tr> <tr><td>C6</td><td>A95-PJ</td><td>14</td><td>RD</td><td>2033816C1</td><td>1652325C1</td></tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A1	A95-PM	14	RD	2033816C1	1652325C1	A2	A95X	20	TN	2033819C1	3517771C1	A3	A95-PK	14	RD	2033816C1	1652325C1	A4	A95O	18	TN	2033819C1	3517771C1	A5	A95-PH	14	RD	2033816C1	1652325C1	A6	A95-PF	16	RD	2033819C1	1652325C1	B1	A95T	20	TN	2033819C1	3517771C1	B2	A95AS	14	TN	2033816C1	1652325C1	B3	A95R	20	TN	2033819C1	3517771C1	B4	A95AJ	16	TN	2033819C1	1652325C1	B5	A95-GC	16	WH	2033819C1	1652325C1	B6	A95AN	12	TN	2033816C1	0589391C1	C1	A95-PM	14	RD	2033816C1	1652325C1	C2	A95-PN	14	RD	2033816C1	1652325C1	C3	A95-PK	14	RD	2033816C1	1652325C1	C4	A95-PI	14	RD	2033816C1	1652325C1	C5	A95-PH	14	RD	2033816C1	1652325C1	C6	A95-PJ	14	RD	2033816C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																																																				
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<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <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>012</td> <td>17APR13</td> <td>INITIAL RELEASE.</td> <td>A</td> <td>91786V</td> <td>MJV0088</td> <td>CIRCUIT DIAGRAM, PAYSTAR,</td> </tr> <tr> <td colspan="5"></td> <td>RELEASE NO.</td> <td>DATE</td> </tr> <tr> <td colspan="5"></td> <td>91786V</td> <td>17APR13</td> </tr> <tr> <td colspan="5"></td> <td>PART NO.</td> <td>SHEET</td> </tr> <tr> <td colspan="5"></td> <td>AE08058092</td> <td>67E</td> </tr> </table>								CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	012	17APR13	INITIAL RELEASE.	A	91786V	MJV0088	CIRCUIT DIAGRAM, PAYSTAR,						RELEASE NO.	DATE						91786V	17APR13						PART NO.	SHEET						AE08058092	67E																																																																								
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					AE08058092	67E																																																																																																																			

Figure 269 Connector Composites (677 / 678 / 679)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.83. CONNECTOR COMPOSITES (*679 / 680), P. 67F

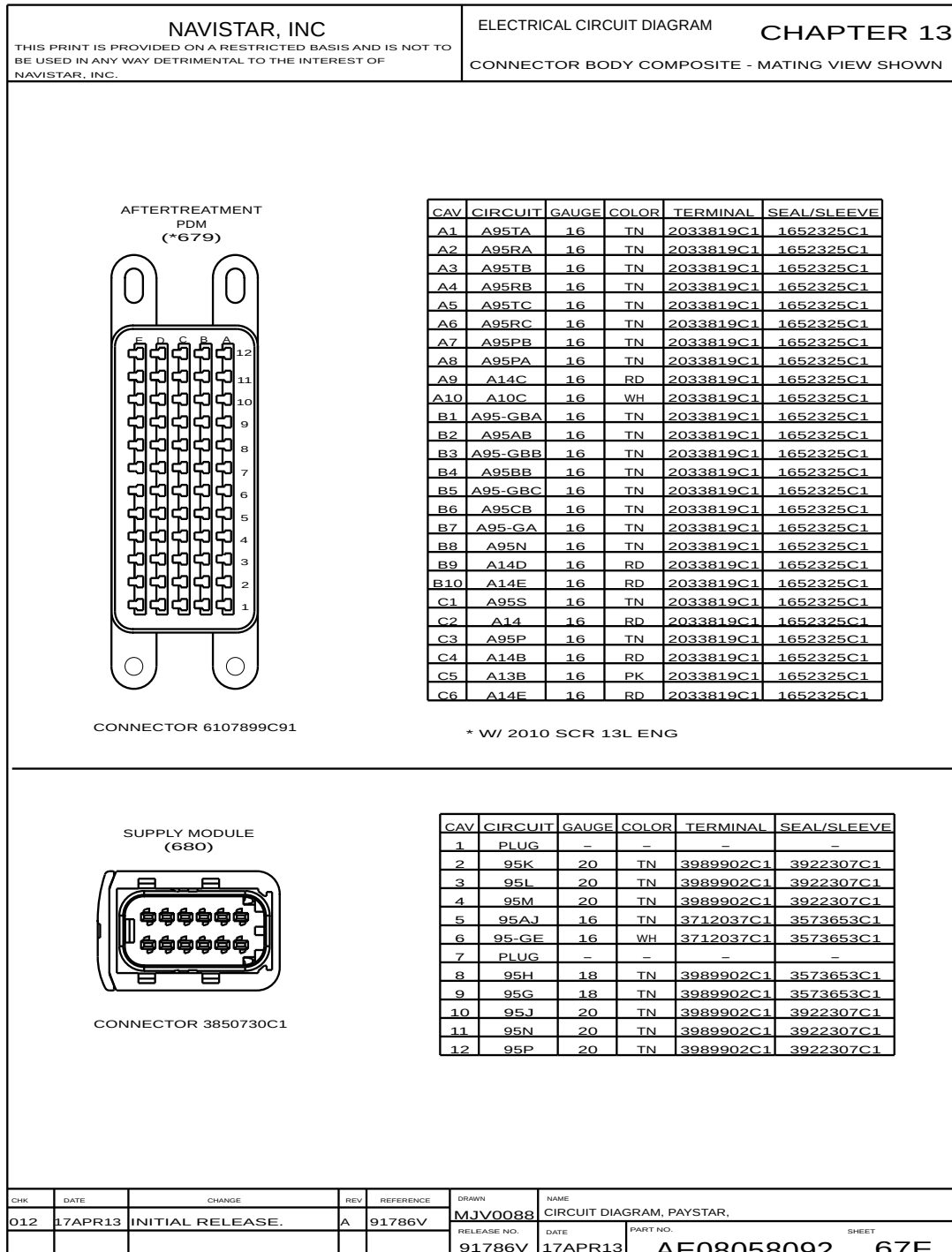
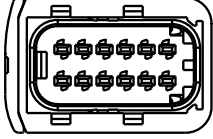


Figure 270 Connector Composites (*679 / 680)

13.84. CONNECTOR COMPOSITES (*680 / *681), P. 67G

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DEF PUMP
(*680)



CONNECTOR 3850730C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	PLUG	-	-	-	-
2	95J	16	TN	3712037C1	3573653C1
3	95K	16	TN	3712037C1	3573653C1
4	95H	16	TN	3712037C1	3573653C1
5	95N	16	TN	3712037C1	3573653C1
6	10A	16	WH	3712037C1	3573653C1
7	PLUG	-	-	-	-
8	95L	16	TN	3712037C1	3573653C1
9	95D	16	TN	3712037C1	3573653C1
10	95F	16	TN	3712037C1	3573653C1
11	95G	16	TN	3712037C1	3573653C1
12	95M1	16	TN	3712037C1	3573653C1

* W/ 2010 SCR 13L ENG

AFTERTRAETMENT
TERM RESISTER
(*681)



CONNECTOR 1667741C1
BODY LOCK 1667771C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	A5B(-)	18	GN	1661875C1	3568570C1
B	PLUG	-	-	-	-
C	A5B(+)	18	YL	1661875C1	3568570C1

* W/ 2010 SCR 13L ENG

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
012	17APR13	INITIAL RELEASE.	A	91786V	MJV0088	CIRCUIT DIAGRAM, PAYSTAR,
					RELEASE NO.	DATE
					91786V	17APR13
						PART NO.
						AE08058092
						SHEET
						67G

Figure 271 Connector Composites (*680 / *681)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.85. CONNECTOR COMPOSITES (685), P. 67H

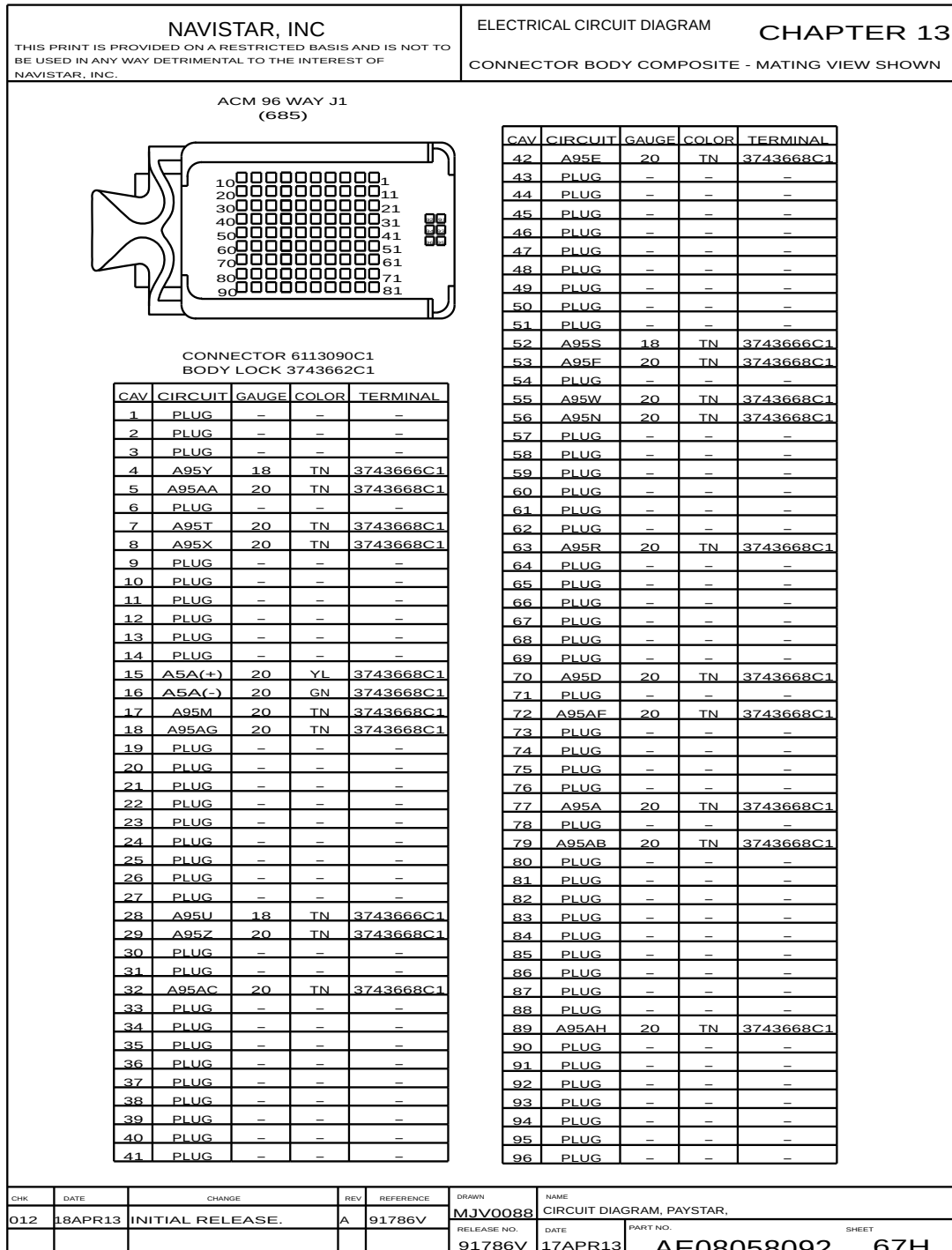


Figure 272 Connector Composites (685)

13.86. CONNECTOR COMPOSITES (686 / 687), P. 671

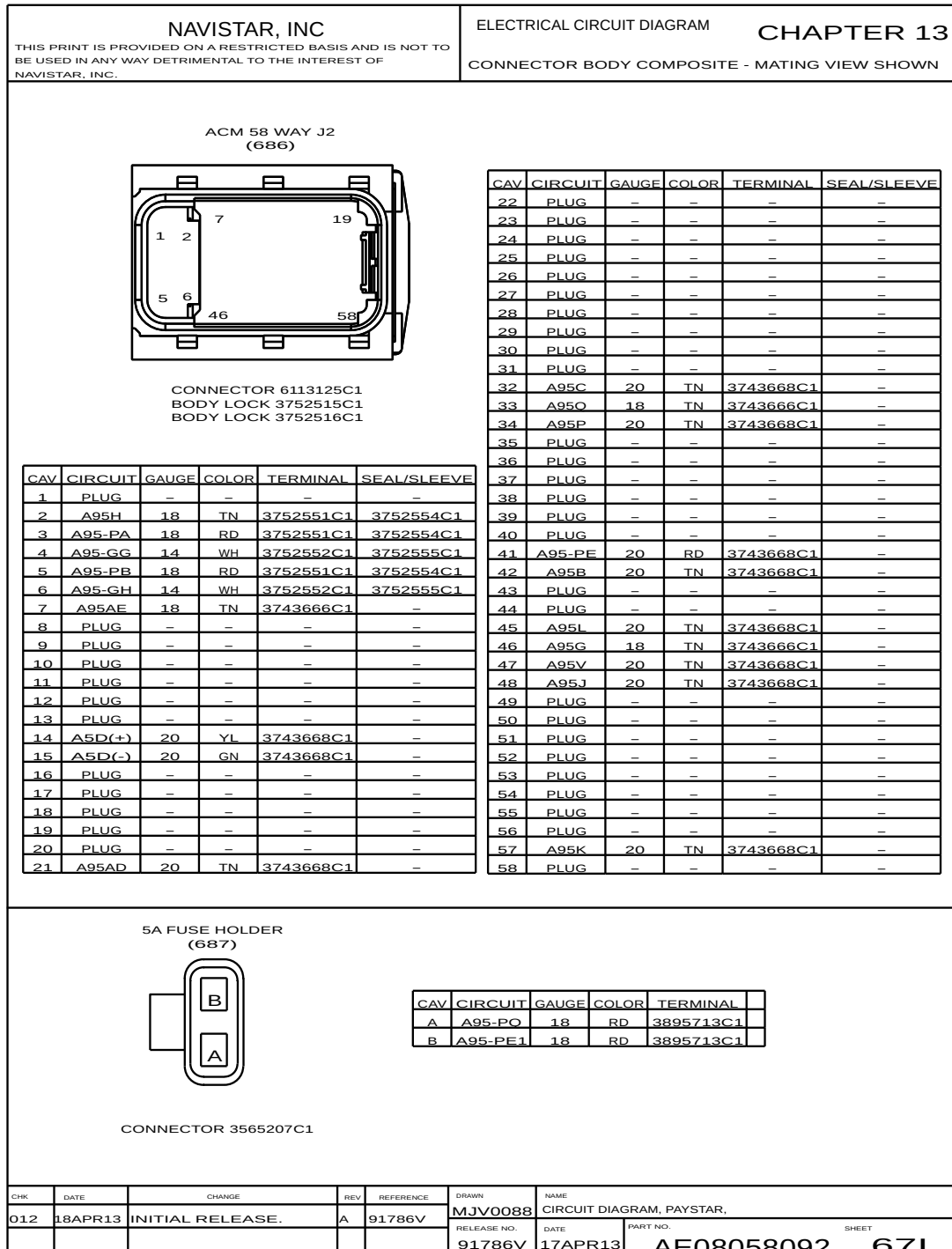


Figure 273 Connector Composites (686 / 687)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.87. CONNECTOR COMPOSITES (690 / 691 / 694M), P. 68

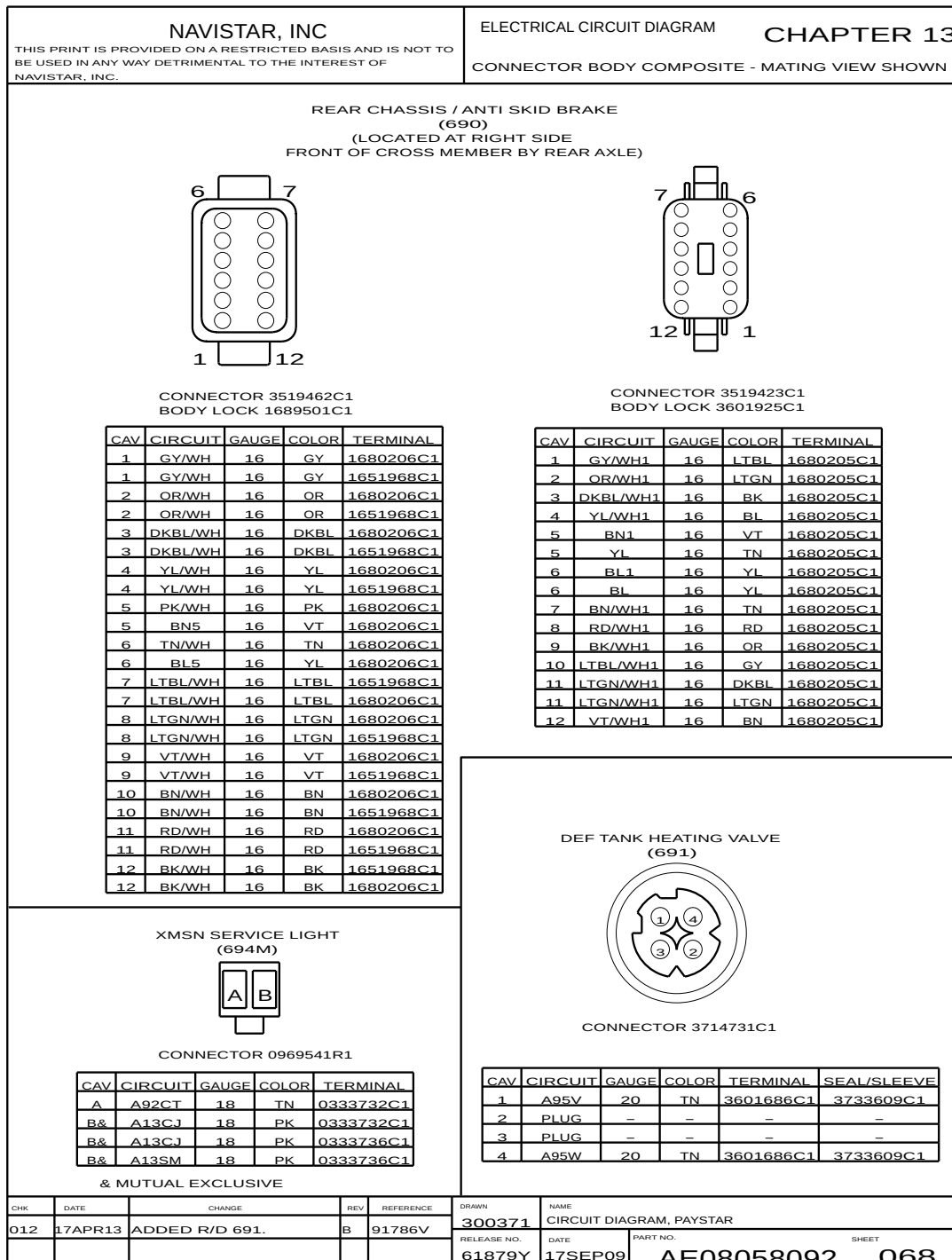


Figure 274 Connector Composites (690 / 691 / 694M)

13.88. CONNECTOR COMPOSITES (695F / 723M / 741F / 742F / 753), P. 69

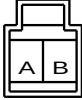
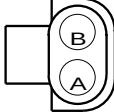
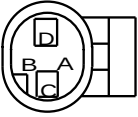
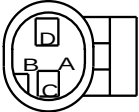
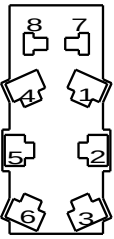
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SECONDARY MODE LIGHT (695F)  CONNECTOR 0481140C1				CTD SOLENOID (723M)  * W/ ALLISON HD & N/ RETARDER # W/ ALLISON HD & AUTO NEUTRAL CONNECTOR 0587568C91																																																					
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Figure 275 Connector Composites (695F / 723M / 741F / 742F / 753)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.89. CONNECTOR COMPOSITES (766 / 768 / 769), P. 70

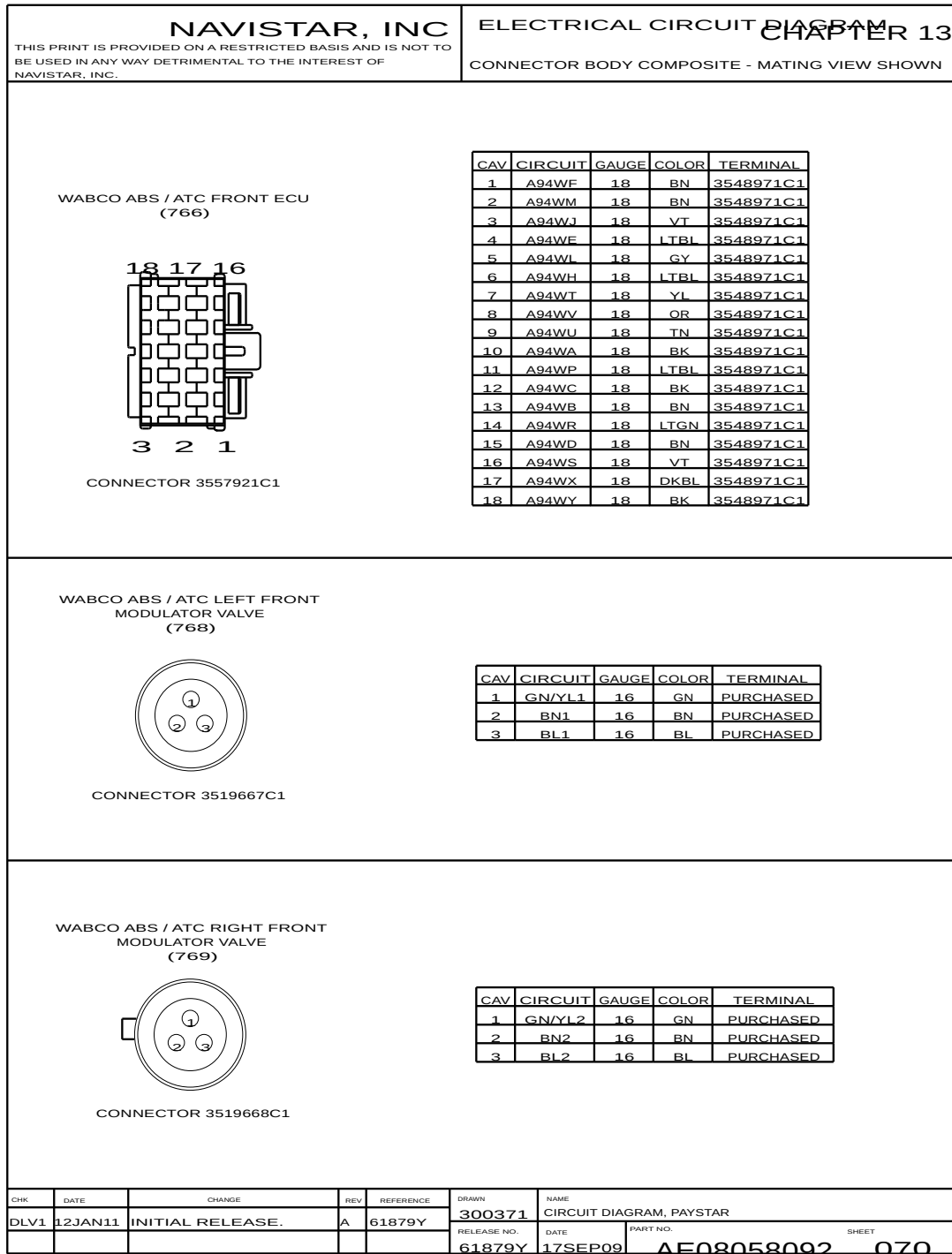


Figure 276 Connector Composites (766 / 768 / 769)

13.90. CONNECTOR COMPOSITES (770 / 771 / 774 / 775), P. 71

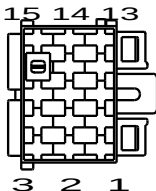
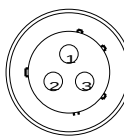
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Figure 277 Connector Composites (770 / 771 / 774 / 775)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.91. CONNECTOR COMPOSITES (776 / 777 / 778 / 800F), P. 72

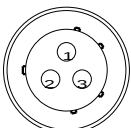
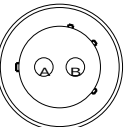
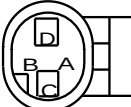
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SOURCE BRAKE SWITCH (800F)  CONNECTOR 1661777C1 BODY LOCK 1661873C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>B</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>N92PS</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>D</td> <td>N92-GW</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	-	-	-	-	-	B	-	-	-	-	-	C	N92PS	18	TN	1661875C1	1661872C1	D	N92-GW	18	TN	1661875C1	1661872C1												
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Figure 278 Connector Composites (776 / 777 / 778 / 800F)

13.92. CONNECTOR COMPOSITES (800M / 808M / 809F), P. 73

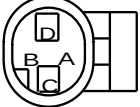
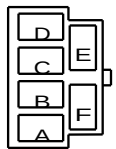
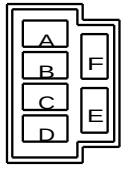
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM																																											
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CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																
PARKING BRAKE PRESSURE SWITCH (800M)  CONNECTOR 1661777C1 BODY LOCK 1661873C1 <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>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>A43C</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>D</td><td>A43B</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	-	-	-	-	-	B	-	-	-	-	-	C	A43C	16	GY	1661875C1	1661872C1	D	A43B	16	GY	1661875C1	1661872C1												
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TURN SIGNAL JUMPER (SWITCH) (808M)  CONNECTOR 0258058C1 <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>A57AJ</td><td>12</td><td>OR</td><td>0333734C1</td></tr> <tr><td>B</td><td>A57BJ</td><td>12</td><td>OR</td><td>0333734C1</td></tr> <tr><td>C</td><td>A56BJ</td><td>12</td><td>OR</td><td>0333734C1</td></tr> <tr><td>D</td><td>A56AJ</td><td>12</td><td>OR</td><td>0333734C1</td></tr> <tr><td>E</td><td>A55AJ</td><td>12</td><td>OR</td><td>0333734C1</td></tr> <tr><td>F</td><td>A70CJ</td><td>12</td><td>OR</td><td>0333734C1</td></tr> </tbody> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A57AJ	12	OR	0333734C1	B	A57BJ	12	OR	0333734C1	C	A56BJ	12	OR	0333734C1	D	A56AJ	12	OR	0333734C1	E	A55AJ	12	OR	0333734C1	F	A70CJ	12	OR	0333734C1							
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Figure 279 Connector Composites (800M / 808M / 809F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.93. CONNECTOR COMPOSITES (823M / 851 / *851M / 854), P. 74

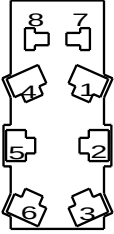
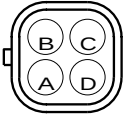
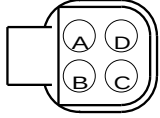
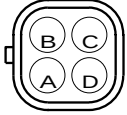
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LEFT MOTORIZED MIRROR SWITCH (823M)  CONNECTOR 2009385C1 <table border="1" style="font-size: x-small; border-collapse: collapse;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>A78J</td><td>18</td><td>LTGN</td><td>1661224C1</td></tr> <tr><td>2</td><td>A78-GB</td><td>18</td><td>WH</td><td>1661224C1</td></tr> <tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>A78K</td><td>18</td><td>LTGN</td><td>1661224C1</td></tr> <tr><td>5</td><td>A78L</td><td>18</td><td>LTGN</td><td>1661224C1</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>A62AW2</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>8</td><td>A62-GAV</td><td>18</td><td>WH</td><td>1661208C1</td></tr> </tbody> </table>									CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A78J	18	LTGN	1661224C1	2	A78-GB	18	WH	1661224C1	3	-	-	-	-	4	A78K	18	LTGN	1661224C1	5	A78L	18	LTGN	1661224C1	6	-	-	-	-	7	A62AW2	16	DKBL	1661209C1	8	A62-GAV	18	WH	1661208C1																					
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CAB / ENGINE (851F / *851M)  CONNECTOR 1661496C91 <table border="1" style="font-size: x-small; 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>A24BD</td><td>16</td><td>GY</td><td>0587577C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>A24CL</td><td>16</td><td>GY</td><td>0587577C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>A92-GT</td><td>18</td><td>TN</td><td>0587578C1</td><td>1652325C1</td></tr> <tr><td>D</td><td>A24BL</td><td>16</td><td>GY</td><td>0587577C1</td><td>1652325C1</td></tr> </tbody> </table>  CONNECTOR 1661497C91 <table border="1" style="font-size: x-small; 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>K24BD</td><td>16</td><td>GY</td><td>0587575C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>K24CL</td><td>16</td><td>GY</td><td>0587575C1</td><td>1652325C1</td></tr> <tr><td>C#</td><td>K92-GT</td><td>18</td><td>TN</td><td>0587576C1</td><td>1652325C1</td></tr> <tr><td>C*</td><td>K92-GV</td><td>18</td><td>TN</td><td>0587576C1</td><td>1652325C1</td></tr> <tr><td>D</td><td>K24BL</td><td>16</td><td>GY</td><td>0587575C1</td><td>1652325C1</td></tr> </tbody> </table> # W/ 11L AND 13L IBB ENGINE * W/ 15L IBB ENGINE									CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A24BD	16	GY	0587577C1	1652325C1	B	A24CL	16	GY	0587577C1	1652325C1	C	A92-GT	18	TN	0587578C1	1652325C1	D	A24BL	16	GY	0587577C1	1652325C1	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K24BD	16	GY	0587575C1	1652325C1	B	K24CL	16	GY	0587575C1	1652325C1	C#	K92-GT	18	TN	0587576C1	1652325C1	C*	K92-GV	18	TN	0587576C1	1652325C1	D	K24BL	16	GY	0587575C1	1652325C1
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CHASSIS TAIL LIGHT (854)  CONNECTOR 1661496C1 <table border="1" style="font-size: x-small; 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>N57F</td><td>14</td><td>LTGN</td><td>0587577C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>N56F</td><td>14</td><td>YL</td><td>0587577C1</td><td>0589391C1</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> </tbody> </table>									CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N57F	14	LTGN	0587577C1	0589391C1	B	N56F	14	YL	0587577C1	0589391C1	C	PLUG	-	-	0587579C1	-	D	PLUG	-	-	0587579C1	-																																				
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Figure 280 Connector Composites (823M / 851 / *851M / 854)

13.94. CONNECTOR COMPOSITES (873 / 875M / 876M / 878F), P. 75

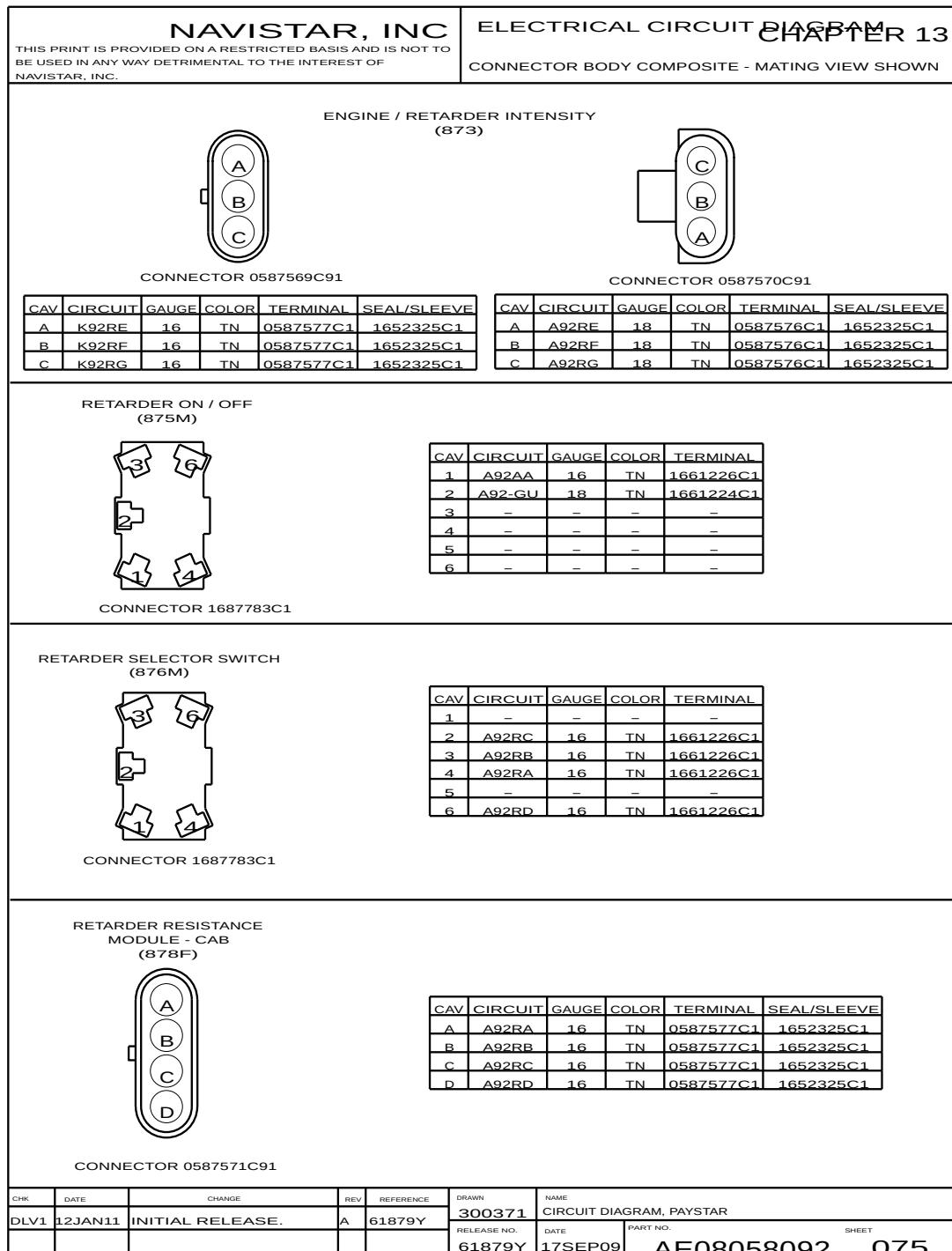


Figure 281 Connector Composites (873 / 875M / 876M / 878F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.95. CONNECTOR COMPOSITES (879M / 881F / 884F / 887), P. 76

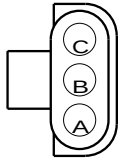
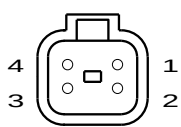
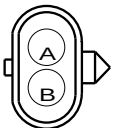
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																										
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RETARDER RESISTANCE MODULE - ENGINE (879M)  CONNECTOR 3519221C91 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <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>A92RE</td> <td>18</td> <td>TN</td> <td>0587578C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>A92RE</td> <td>18</td> <td>TN</td> <td>0587578C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>A92RG</td> <td>18</td> <td>TN</td> <td>0587578C1</td> <td>1652325C1</td> </tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A92RE	18	TN	0587578C1	1652325C1	B	A92RE	18	TN	0587578C1	1652325C1	C	A92RG	18	TN	0587578C1	1652325C1	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																											
A	A92RE	18	TN	0587578C1	1652325C1																											
B	A92RE	18	TN	0587578C1	1652325C1																											
C	A92RG	18	TN	0587578C1	1652325C1																											
XMSN OVERHEAT LIGHT (881F)  CONNECTOR 0481140C1 <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>A13BP</td> <td>18</td> <td>PK</td> <td>0870923R1</td> </tr> <tr> <td>A&</td> <td>A13BM</td> <td>18</td> <td>PK</td> <td>0870923R1</td> </tr> <tr> <td>B</td> <td>A92ML</td> <td>18</td> <td>TN</td> <td>0241117R1</td> </tr> </tbody> </table> & MUTUAL EXCLUSIVE								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A&	A13BP	18	PK	0870923R1	A&	A13BM	18	PK	0870923R1	B	A92ML	18	TN	0241117R1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																												
A&	A13BP	18	PK	0870923R1																												
A&	A13BM	18	PK	0870923R1																												
B	A92ML	18	TN	0241117R1																												
MODULE CONNECTOR (884F)  CONNECTOR 3503598C1 <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>A77AH</td> <td>16</td> <td>LTGN</td> <td>1680206C1</td> </tr> <tr> <td>2</td> <td>A77AJ</td> <td>16</td> <td>LTGN</td> <td>1680206C1</td> </tr> <tr> <td>3</td> <td>A77AK</td> <td>16</td> <td>LTGN</td> <td>1680206C1</td> </tr> <tr> <td>4</td> <td>A77AL</td> <td>16</td> <td>LTGN</td> <td>1680206C1</td> </tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A77AH	16	LTGN	1680206C1	2	A77AJ	16	LTGN	1680206C1	3	A77AK	16	LTGN	1680206C1	4	A77AL	16	LTGN	1680206C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																												
1	A77AH	16	LTGN	1680206C1																												
2	A77AJ	16	LTGN	1680206C1																												
3	A77AK	16	LTGN	1680206C1																												
4	A77AL	16	LTGN	1680206C1																												
APADS (887)  CONNECTOR 0587567C91 <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>K23AC</td> <td>18</td> <td>TN</td> <td>0587578C1</td> <td>1652325C1</td> </tr> <tr> <td>A#</td> <td>K23AC</td> <td>18</td> <td>TN</td> <td>0587578C1</td> <td>3517771C1</td> </tr> <tr> <td>B</td> <td>K77AE</td> <td>14</td> <td>LTGN</td> <td>0587577C1</td> <td>0589391C1</td> </tr> </tbody> </table> * W/ FAN OVERRIDE # N/ FAN OVERRIDE								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	K23AC	18	TN	0587578C1	1652325C1	A#	K23AC	18	TN	0587578C1	3517771C1	B	K77AE	14	LTGN	0587577C1	0589391C1	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																											
A*	K23AC	18	TN	0587578C1	1652325C1																											
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																										
012	17APR13	ADDED:CIRC K23C IN	B	91786V	300371	CIRCUIT DIAGRAM, PAYSTAR																										
	R/D 887	& ADDED R/D 884F.			61879Y	17SEP09																										

Figure 282 Connector Composites (879M / 881F / 884F / 887)

13.96. CONNECTOR COMPOSITES (887M / 907M / 931F), P. 76A

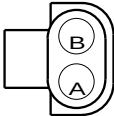
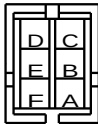
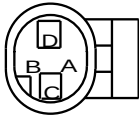
NAVISTAR, INC THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																													
ENGINE CONN (887M)  CONNECTOR 0587568C91 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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>A23AC</td> <td>16</td> <td>TN</td> <td>0587575C1</td> </tr> <tr> <td>B</td> <td>A77AE</td> <td>16</td> <td>LT GN</td> <td>0587575C1</td> </tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A23AC	16	TN	0587575C1	B	A77AE	16	LT GN	0587575C1																											
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																													
A	A23AC	16	TN	0587575C1																																													
B	A77AE	16	LT GN	0587575C1																																													
HEATER CAB CONN APADS (907M)  CONNECTOR 1661200C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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>A77AF</td> <td>16</td> <td>LT GN</td> <td>1661209C1</td> </tr> <tr> <td>B</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>A77AH</td> <td>16</td> <td>LT GN</td> <td>1661209C1</td> </tr> <tr> <td>D</td> <td>A77AJ</td> <td>16</td> <td>LT GN</td> <td>1661209C1</td> </tr> <tr> <td>E</td> <td>A77AK</td> <td>16</td> <td>LT GN</td> <td>1661209C1</td> </tr> <tr> <td>F</td> <td>A77AL</td> <td>16</td> <td>LT GN</td> <td>1661209C1</td> </tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A77AF	16	LT GN	1661209C1	B	-	-	-	-	C	A77AH	16	LT GN	1661209C1	D	A77AJ	16	LT GN	1661209C1	E	A77AK	16	LT GN	1661209C1	F	A77AL	16	LT GN	1661209C1							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																													
A	A77AF	16	LT GN	1661209C1																																													
B	-	-	-	-																																													
C	A77AH	16	LT GN	1661209C1																																													
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E	A77AK	16	LT GN	1661209C1																																													
F	A77AL	16	LT GN	1661209C1																																													
PARK BRAKE SWITCH (931F)  CONNECTOR 1661777C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>B</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>ORANGE</td> <td>16</td> <td>OR</td> <td>1661875C1</td> </tr> <tr> <td>D</td> <td>A44-G</td> <td>16</td> <td>WH</td> <td>1661875C1</td> </tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	-	-	-	-	B	-	-	-	-	C	ORANGE	16	OR	1661875C1	D	A44-G	16	WH	1661875C1																	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																													
A	-	-	-	-																																													
B	-	-	-	-																																													
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																											
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						AE08058092 76A																																											

Figure 283 Connector Composites (887M / 907M / 931F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.97. CONNECTOR COMPOSITES (922M / 923F / 925), P. 77

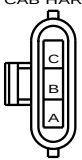
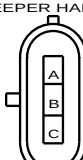
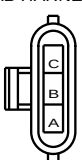
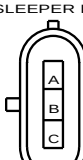
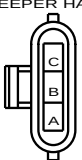
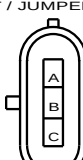
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN						
TRAILER SOCKET #1 (922M) (LOCATED BEHIND DRIVER'S SEAT AT B - PILLAR)											
CAB HARNESS			SLEEPER HARNESS								
											
CONNECTOR 1667733C1 BODY LOCK 1667734C1			CONNECTOR 1667732C1 BODY LOCK 1667734C1								
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	A70C	10	OR	1667737C1	1667735C1	A	H70C	10	OR	2025425C1	1667739C1
B	A68B	10	BN	1667737C1	1667735C1	B	H68B	10	BN	2025425C1	1667739C1
C	A94AF	10	GY	1667737C1	1667735C1	C	H94AF	10	GY	2025425C1	1667739C1
TRAILER SOCKET #2 (923F) (LOCATED BEHIND DRIVER'S SEAT AT B - PILLAR)											
CAB HARNESS			SLEEPER HARNESS								
											
CONNECTOR 1667732C1 BODY LOCK 1667734C1			CONNECTOR 1667733C1 BODY LOCK 1667734C1								
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	A58S	12	BN	2025424C1	1671603C1	A	H58S	12	BN	1667737C1	1617603C1
B	A56C	12	OR	2025424C1	1671603C1	B	H56C	12	OR	1667737C1	1617603C1
C	A57C	12	OR	2025424C1	1671603C1	C	H57C	12	OR	1667737C1	1617603C1
TRAILER SOCKET #1 (925) (LOCATED IN LEFT LUGGAGE COMPARTMENT)											
SLEEPER HARNESS			SOCKET / JUMPER HARNESS								
											
CONNECTOR 1667733C1 BODY LOCK 1667734C1			CONNECTOR 1667732C1 BODY LOCK 1667734C1								
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	H70C	10	RD	1667737C1	1667739C1	A	A70C	10	OR	2025425C1	1667739C1
B	H68B	12	BK	1667737C1	1667739C1	B	A68B	10	BN	2025425C1	1667739C1
C	H94AF	10	BL	1667737C1	1667739C1	C	A94AF	10	GY	2025425C1	1667739C1
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME					
MJV0	16MAR16	REVISED AND REDRAWN.	B	93408S	300371	CIRCUIT DIAGRAM, PAYSTAR					
RELEASE NO.		DATE		PART NO.		SHEET					
61879Y		17SEP09		AE08058092		077					

Figure 284 Connector Composites (922M / 923F / 925)

13.98. CONNECTOR COMPOSITES (926 / 934M / 935), P. 78

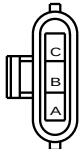
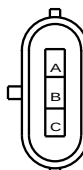
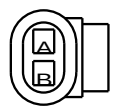
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13																																																				
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TRAILER SOCKET #2 (926) (LOCATED IN LEFT LUGGAGE COMPARTMENT) SOCKET / JUMPER HARNESS  CONNECTOR 1667733C1 BODY LOCK 1667734C1 <table border="1" style="font-size: x-small; margin: 5px auto;"> <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>A58S</td><td>12</td><td>BN</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>B</td><td>A56C</td><td>12</td><td>OR</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>C</td><td>A57C</td><td>12</td><td>OR</td><td>1667737C1</td><td>1667735C1</td></tr> </tbody> </table> SLEEPER HARNESS  CONNECTOR 1667732C1 BODY LOCK 1667734C1 <table border="1" style="font-size: x-small; margin: 5px auto;"> <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>H58S</td><td>12</td><td>BN</td><td>2025424C1</td><td>1667735C1</td></tr> <tr><td>B</td><td>H56C</td><td>12</td><td>YL</td><td>2025424C1</td><td>1667735C1</td></tr> <tr><td>C</td><td>H57C</td><td>12</td><td>GN</td><td>2025424C1</td><td>1667735C1</td></tr> </tbody> </table>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A58S	12	BN	1667737C1	1667735C1	B	A56C	12	OR	1667737C1	1667735C1	C	A57C	12	OR	1667737C1	1667735C1	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	H58S	12	BN	2025424C1	1667735C1	B	H56C	12	YL	2025424C1	1667735C1	C	H57C	12	GN	2025424C1	1667735C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																									
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A	H58S	12	BN	2025424C1	1667735C1																																																									
B	H56C	12	YL	2025424C1	1667735C1																																																									
C	H57C	12	GN	2025424C1	1667735C1																																																									
FUEL LEVEL SENDER (934M)  CONNECTOR 1661778C1 BODY LOCK 1661874C1 <table border="1" style="font-size: x-small; margin: 5px auto;"> <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>N36</td><td>18</td><td>RD</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>N36-G</td><td>18</td><td>BN</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N36	18	RD	1661875C1	1661872C1	B	N36-G	18	BN	1661875C1	1661872C1																														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																									
A	N36	18	RD	1661875C1	1661872C1																																																									
B	N36-G	18	BN	1661875C1	1661872C1																																																									
WORK LIGHT (935) (LOCATED AT BEHIND DRIVER SEAT)  CONNECTOR 1661196C1 <table border="1" style="font-size: x-small; margin: 5px auto;"> <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>A65A</td><td>16</td><td>OR</td><td>1661209C1</td></tr> <tr><td>B</td><td>A65C</td><td>16</td><td>OR</td><td>1661209C1</td></tr> </tbody> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A65A	16	OR	1661209C1	B	A65C	16	OR	1661209C1	WORK LIGHT (935F) (LOCATED AT BEHIND DRIVER SEAT)  CONNECTOR 1661197C1 <table border="1" style="font-size: x-small; margin: 5px auto;"> <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>A65A</td><td>14</td><td>OR</td><td>3534167C1</td></tr> <tr><td>B</td><td>A65C</td><td>18</td><td>OR</td><td>1661212C1</td></tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A65A	14	OR	3534167C1	B	A65C	18	OR	1661212C1																		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																										
A	A65A	16	OR	1661209C1																																																										
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																										
A	A65A	14	OR	3534167C1																																																										
B	A65C	18	OR	1661212C1																																																										
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																								
MJVO	03MAR16	ADDED R/D 935F.	B	93408S	300371	CIRCUIT DIAGRAM, PAYSTAR																																																								
					RELEASE NO.	DATE	PART NO.	SHEET																																																						
					61879Y	17SEP09	AE08058092 078																																																							

Figure 285 Connector Composites (926 / 934M / 935)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.99. CONNECTOR COMPOSITES (946 / 950 / 950F), P. 79

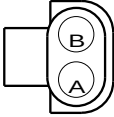
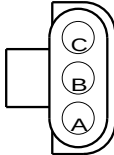
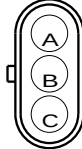
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM																									
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CHAPTER 13																									
CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																														
AUXILIARY SPEED SENSOR (946)  CONNECTOR 0587568C91 <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>K44C</td> <td>14</td> <td>GY</td> <td>0587575C1</td> <td>0589391C1</td> </tr> <tr> <td>B</td> <td>K44D</td> <td>14</td> <td>GY</td> <td>0587575C1</td> <td>0589391C1</td> </tr> </tbody> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K44C	14	GY	0587575C1	0589391C1	B	K44D	14	GY	0587575C1	0589391C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																									
A	K44C	14	GY	0587575C1	0589391C1																									
B	K44D	14	GY	0587575C1	0589391C1																									
RETARDER MODULATOR REQUEST (950)  CONNECTOR 0587570C91 <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>K158A</td> <td>18</td> <td>LTGN</td> <td>0587576C1</td> <td>3517771C1</td> </tr> <tr> <td>B</td> <td>K156</td> <td>18</td> <td>YL</td> <td>0587576C1</td> <td>3517771C1</td> </tr> <tr> <td>C</td> <td>K112A</td> <td>18</td> <td>PK</td> <td>0587576C1</td> <td>3517771C1</td> </tr> </tbody> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K158A	18	LTGN	0587576C1	3517771C1	B	K156	18	YL	0587576C1	3517771C1	C	K112A	18	PK	0587576C1	3517771C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																									
A	K158A	18	LTGN	0587576C1	3517771C1																									
B	K156	18	YL	0587576C1	3517771C1																									
C	K112A	18	PK	0587576C1	3517771C1																									
RETARDER MODULATION INTENSITY (950F)  CONNECTOR 0587569C91 <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>K92RE</td> <td>16</td> <td>TN</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>K92RF</td> <td>16</td> <td>TN</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>K92RG</td> <td>16</td> <td>TN</td> <td>0587577C1</td> <td>1652325C1</td> </tr> </tbody> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K92RE	16	TN	0587577C1	1652325C1	B	K92RF	16	TN	0587577C1	1652325C1	C	K92RG	16	TN	0587577C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																									
A	K92RE	16	TN	0587577C1	1652325C1																									
B	K92RF	16	TN	0587577C1	1652325C1																									
C	K92RG	16	TN	0587577C1	1652325C1																									
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																								
DLV1	12JAN11	INITIAL RELEASE.	A	61879Y	300371	CIRCUIT DIAGRAM, PAYSTAR																								
RELEASE NO.		DATE		PART NO.		SHEET																								
61879Y		17SEP09		AE08058092		079																								

Figure 286 Connector Composites (946 / 950 / 950F)

13.100. CONNECTOR COMPOSITES (958 / 958F / 961), P. 80

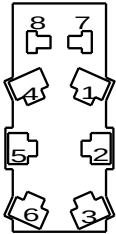
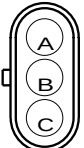
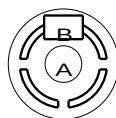
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																		
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																				
AUTO NEUTRAL SWITCH (958) 				<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>A92TN4</td><td>18</td><td>TN</td><td>1661224C1</td></tr> <tr><td>5@@</td><td>A92TN2</td><td>18</td><td>TN</td><td>3541250C1</td></tr> <tr><td>5@@@</td><td>A92TN1</td><td>18</td><td>TN</td><td>3541250C1</td></tr> <tr><td>6</td><td>A92TN2</td><td>18</td><td>TN</td><td>1661224C1</td></tr> <tr><td>6@@</td><td>A92TN3</td><td>18</td><td>TN</td><td>1661224C1</td></tr> <tr><td>7</td><td>A62Z</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>7@@</td><td>A62Z</td><td>18</td><td>LTBL</td><td>1661208C1</td></tr> <tr><td>8</td><td>A92-GY</td><td>18</td><td>WH</td><td>1661208C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	-	-	-	-	3	-	-	-	-	4	-	-	-	-	5	A92TN4	18	TN	1661224C1	5@@	A92TN2	18	TN	3541250C1	5@@@	A92TN1	18	TN	3541250C1	6	A92TN2	18	TN	1661224C1	6@@	A92TN3	18	TN	1661224C1	7	A62Z	18	DKBL	1661208C1	7@@	A62Z	18	LTBL	1661208C1	8	A92-GY	18	WH	1661208C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																				
1	-	-	-	-																																																																				
2	-	-	-	-																																																																				
3	-	-	-	-																																																																				
4	-	-	-	-																																																																				
5	A92TN4	18	TN	1661224C1																																																																				
5@@	A92TN2	18	TN	3541250C1																																																																				
5@@@	A92TN1	18	TN	3541250C1																																																																				
6	A92TN2	18	TN	1661224C1																																																																				
6@@	A92TN3	18	TN	1661224C1																																																																				
7	A62Z	18	DKBL	1661208C1																																																																				
7@@	A62Z	18	LTBL	1661208C1																																																																				
8	A92-GY	18	WH	1661208C1																																																																				
CONNECTOR 2009385C1				@@ W/ 500K BAUD RATE REGULATORY																																																																				
REMOTE CRUISE (958F) 				<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>K97BA</td><td>18</td><td>VT</td><td>0587578C1</td><td>1652325C1</td></tr> <tr><td>A#</td><td>K97AA3</td><td>16</td><td>VT</td><td>0587577C1</td><td>1652325C1</td></tr> <tr><td>B&</td><td>K97-GB</td><td>18</td><td>VT</td><td>0587578C1</td><td>1652325C1</td></tr> <tr><td>B&</td><td>K97-GC</td><td>18</td><td>WH</td><td>0587578C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>K97-GG</td><td>18</td><td>VT</td><td>0587578C1</td><td>1652325C1</td></tr> <tr><td>C*</td><td>K97BB</td><td>18</td><td>VT</td><td>0587578C1</td><td>1652325C1</td></tr> <tr><td>C#</td><td>K97AB3</td><td>16</td><td>VT</td><td>0587577C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	K97BA	18	VT	0587578C1	1652325C1	A#	K97AA3	16	VT	0587577C1	1652325C1	B&	K97-GB	18	VT	0587578C1	1652325C1	B&	K97-GC	18	WH	0587578C1	1652325C1	B	K97-GG	18	VT	0587578C1	1652325C1	C*	K97BB	18	VT	0587578C1	1652325C1	C#	K97AB3	16	VT	0587577C1	1652325C1																	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																			
A*	K97BA	18	VT	0587578C1	1652325C1																																																																			
A#	K97AA3	16	VT	0587577C1	1652325C1																																																																			
B&	K97-GB	18	VT	0587578C1	1652325C1																																																																			
B&	K97-GC	18	WH	0587578C1	1652325C1																																																																			
B	K97-GG	18	VT	0587578C1	1652325C1																																																																			
C*	K97BB	18	VT	0587578C1	1652325C1																																																																			
C#	K97AB3	16	VT	0587577C1	1652325C1																																																																			
CONNECTOR 0587569C91				* W/ REMOTE CRUISE # W/ ROCKWELL & EATON REMOTE CRUISE & W/ 11/13L IBB SCR																																																																				
AUTO NEUTRAL INDICATOR (961) 				<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>A92TN3</td><td>18</td><td>TN</td><td>0186203R2</td></tr> <tr><td>A@@</td><td>A92TN2</td><td>18</td><td>TN</td><td>0333732C1</td></tr> <tr><td>B</td><td>A13CM</td><td>18</td><td>PK</td><td>0161997R1</td></tr> <tr><td>B@@</td><td>A13CM</td><td>18</td><td>PK</td><td>0333732C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A92TN3	18	TN	0186203R2	A@@	A92TN2	18	TN	0333732C1	B	A13CM	18	PK	0161997R1	B@@	A13CM	18	PK	0333732C1																																								
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																				
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A@@	A92TN2	18	TN	0333732C1																																																																				
B	A13CM	18	PK	0161997R1																																																																				
B@@	A13CM	18	PK	0333732C1																																																																				
CONNECTOR 0161998R1				@@ W/ 500K BAUD RATE REGULATORY																																																																				
RT. MOTORIZED INTERHARN CONN (973ML) 				<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>A78C</td><td>16</td><td>LTGN</td><td>1661218C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A78C	16	LTGN	1661218C1																																																							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																				
A	A78C	16	LTGN	1661218C1																																																																				
CONNECTOR 1661202C1																																																																								
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																		
MJVO	13MAR16	ADDED R/D 973ML	D	93408S	300371	CIRCUIT DIAGRAM, PAYSTAR																																																																		
RELEASE NO.		DATE		PART NO.		SHEET																																																																		
61879Y		17SEP09		AE08058092		080																																																																		

Figure 287 Connector Composites (958 / 958F / 961)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.101. CONNECTOR COMPOSITES (1000 / 1027), P. 81

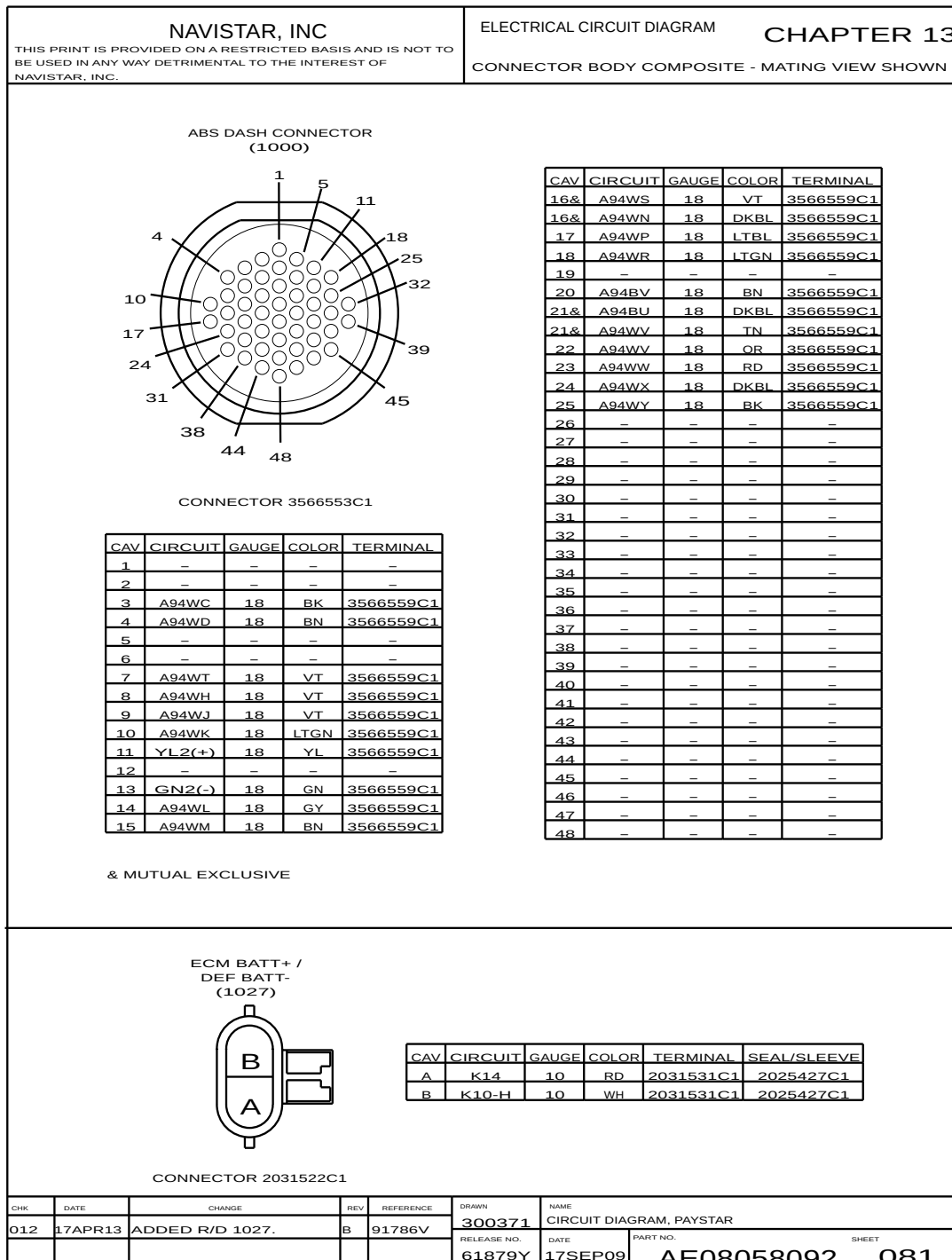


Figure 288 Connector Composites (1000 / 1027)

13.102. CONNECTOR COMPOSITES (1033F / 1034F / 1039 / 1040), P. 82

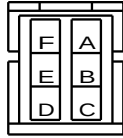
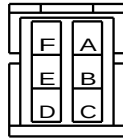
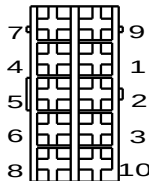
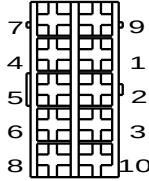
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																																											
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POWER WINDOW RIGHT (1033F)																																																																
					<table border="1" style="width: 100%; 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>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B</td><td>A83D</td><td>14</td><td>LTGN</td><td>3534167C1</td></tr> <tr><td>C</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>D</td><td>A83J</td><td>14</td><td>LTGN</td><td>3534167C1</td></tr> <tr><td>E</td><td>A83K</td><td>14</td><td>LTGN</td><td>3534167C1</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	-	-	-	-	B	A83D	14	LTGN	3534167C1	C	-	-	-	-	D	A83J	14	LTGN	3534167C1	E	A83K	14	LTGN	3534167C1	F	-	-	-	-																				
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																												
A	-	-	-	-																																																												
B	A83D	14	LTGN	3534167C1																																																												
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F	-	-	-	-																																																												
CONNECTOR 1661201C1																																																																
POWER WINDOW LEFT (1034F)																																																																
					<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>A83-GA</td><td>14</td><td>WH</td><td>3534167C1</td></tr> <tr><td>B</td><td>A83J</td><td>14</td><td>LTGN</td><td>3534167C1</td></tr> <tr><td>C</td><td>A83C</td><td>14</td><td>LTGN</td><td>3534167C1</td></tr> <tr><td>D</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E</td><td>A83K</td><td>14</td><td>LTGN</td><td>3534167C1</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A83-GA	14	WH	3534167C1	B	A83J	14	LTGN	3534167C1	C	A83C	14	LTGN	3534167C1	D	-	-	-	-	E	A83K	14	LTGN	3534167C1	F	-	-	-	-																				
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																												
A	A83-GA	14	WH	3534167C1																																																												
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F	-	-	-	-																																																												
CONNECTOR 1661201C1																																																																
LEFT POWER WINDOW SWITCH, DRIVER SIDE - LEFT (1039)																																																																
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																												
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2	A83-GBW	14	WH	3532125C1																																																												
3	PLUG	-	-	3532129C1																																																												
4	A83N	14	LTGN	3532125C1																																																												
5	A83H	14	LTGN	3532125C1																																																												
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CONNECTOR 3530407C1																																																																
RIGHT POWER WINDOW SWITCH, DRIVER SIDE - RIGHT (1040)																																																																
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																												
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																										
DLV1	12JAN11	INITIAL RELEASE.	A	61879Y	300371	CIRCUIT DIAGRAM, PAYSTAR																																																										
					RELEASE NO.	DATE	PART NO.	SHEET																																																								
					61879Y	17SEP09	AE08058092	082																																																								

Figure 289 Connector Composites (1033F / 1034F / 1039 / 1040)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.103. CONNECTOR COMPOSITES (1041 / 1042 / 1043 / 1044), P. 83

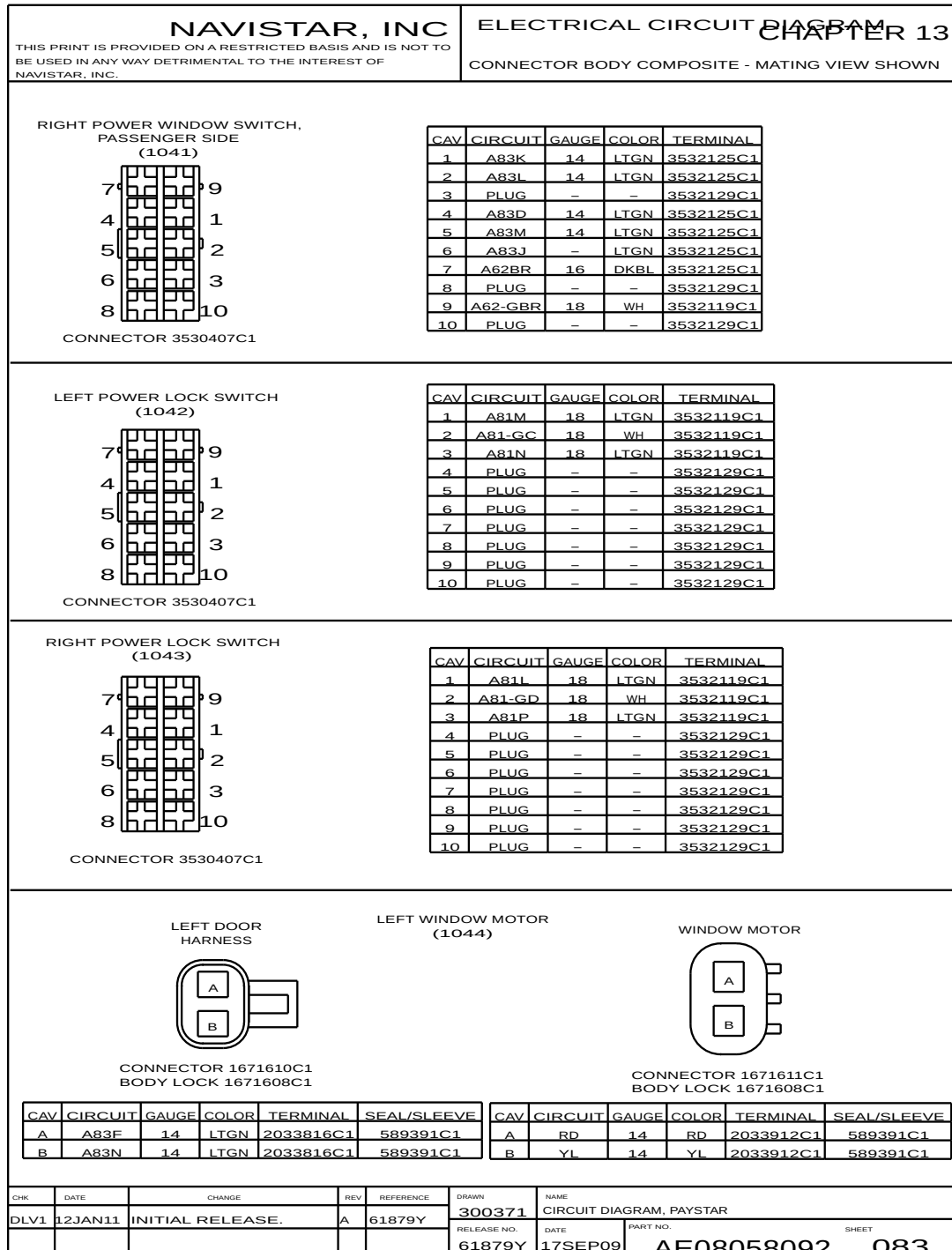


Figure 290 Connector Composites (1041 / 1042 / 1043 / 1044)

13.104. CONNECTOR COMPOSITES (1045 / 1046 / 1047 / 1048F), P. 84

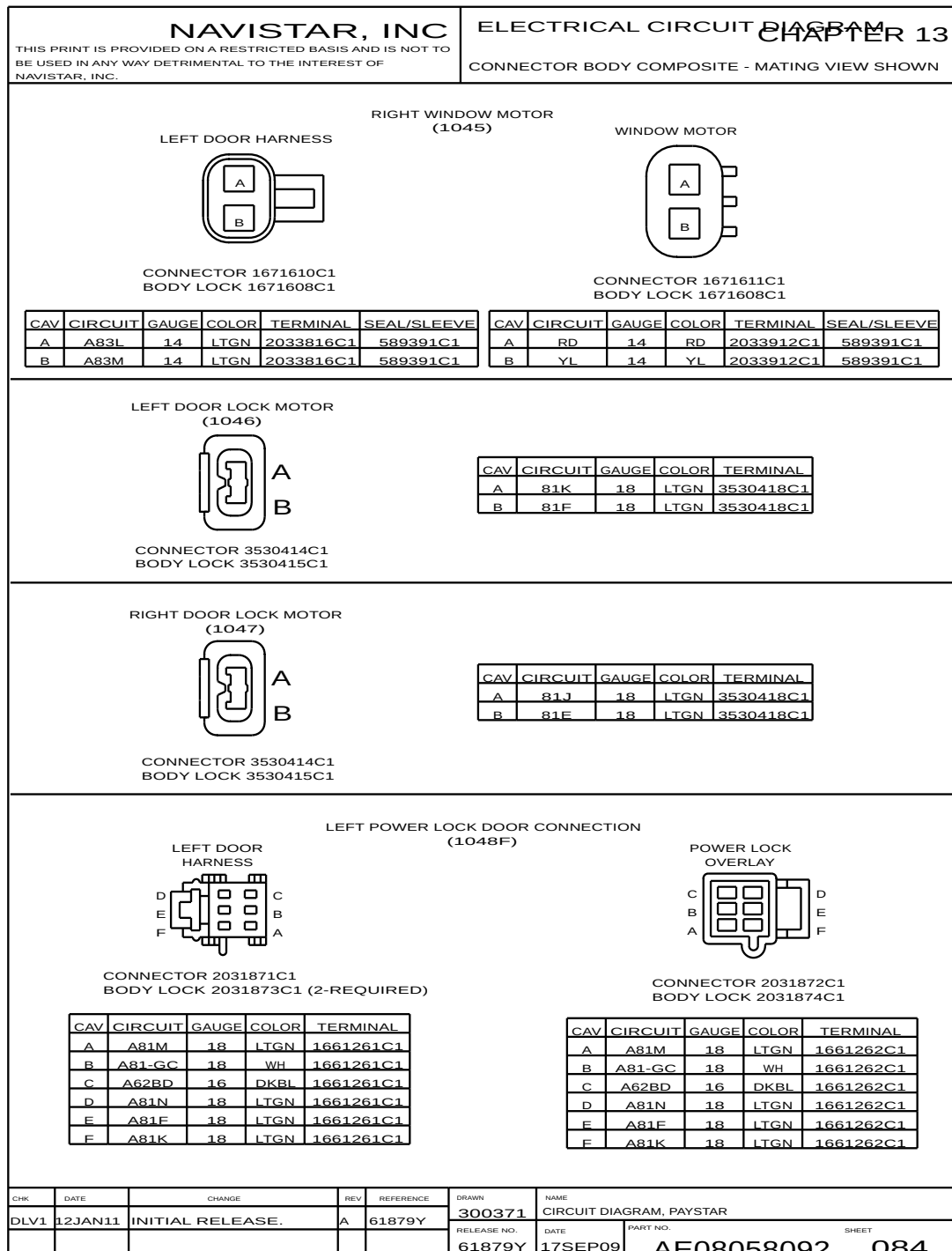


Figure 291 Connector Composites (1045 / 1046 / 1047 / 1048F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.105. CONNECTOR COMPOSITES (1049F / 1050M / 1051 / 1052 / 1054M), P. 85

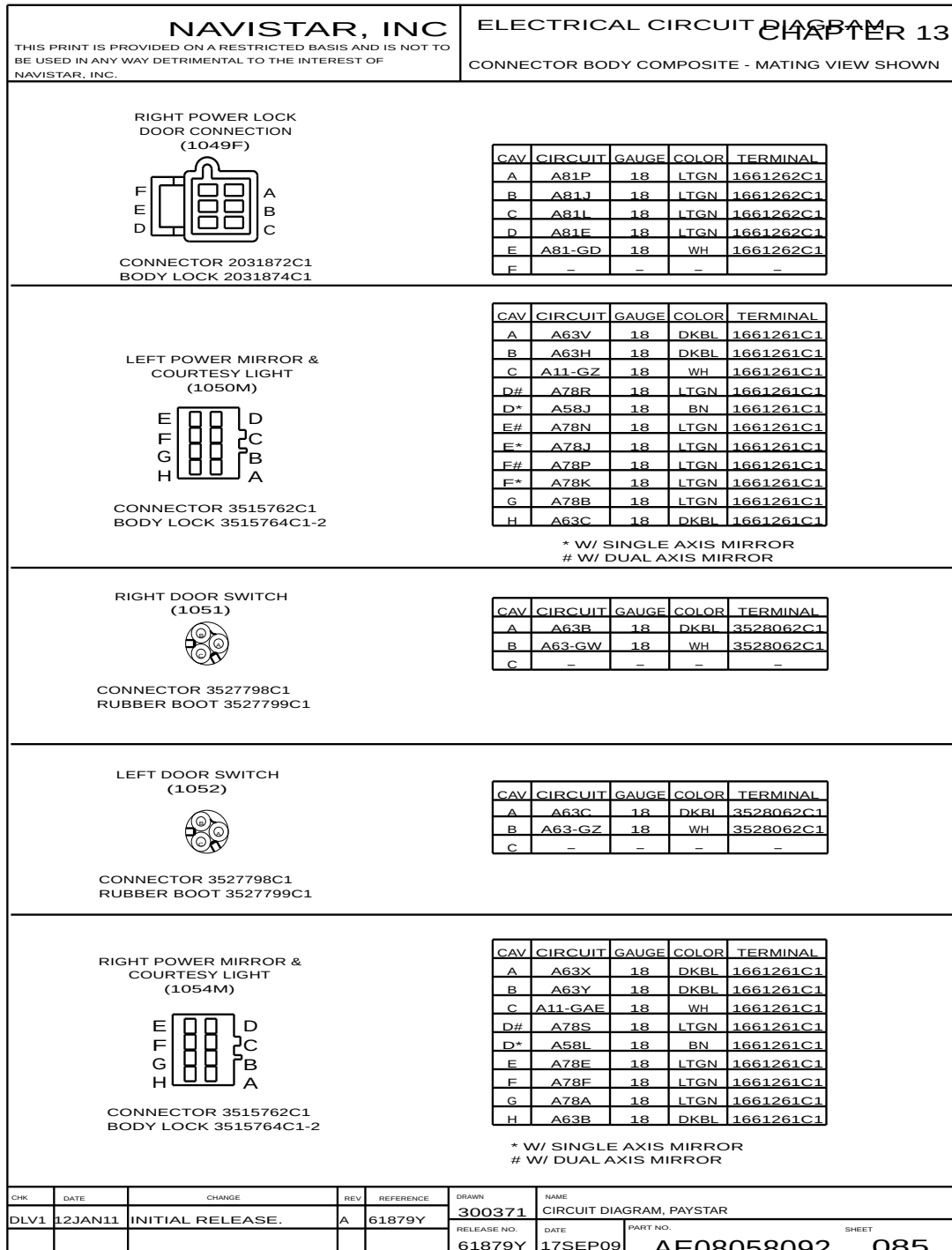


Figure 292 Connector Composites (1049F / 1050M / 1051 / 1052 / 1054M)

13.106. CONNECTOR COMPOSITES (1056M / 1057M / 1058M / 1059M / 1060M), P. 86

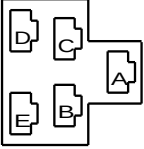
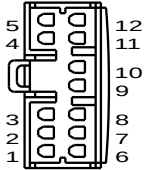
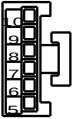
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																		
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																				
BLOWER CONTROLLER SWITCH (1056M) (LOCATED IN SLEEPER CONTROL PANEL)																																																																								
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HVAC CONTROLLER (1057M) (LOCATED IN SLEEPER CONTROL PANEL)																																																																								
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CONNECTOR 2018590C1																																																																								
AIR DIST MOTOR (1058M)																																																																								
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MJVO	03MAR16	TERMINAL 0239805R1 WAS	B	93408S	300371	CIRCUIT DIAGRAM, PAYSTAR																																																																		
	0556897	C1 FOR R/D 1056M.			61879Y	DATE	PART NO. SHEET																																																																	
						18SEP09	AE08058092 086																																																																	

Figure 293 Connector Composites (1056M / 1057M / 1058M / 1059M / 1060M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.107. CONNECTOR COMPOSITES (1065M / 1085M / 1087M / 1090 / 1095F), P. 87

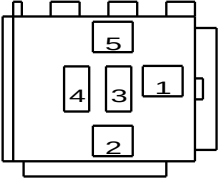
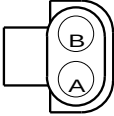
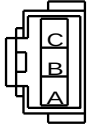
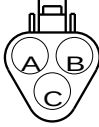
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																									
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ABS / XMSN INTERRUPT RELAY (1065M) 				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A92GG</td> <td>18</td> <td>TN</td> <td>1661709C1</td> </tr> <tr> <td>2</td> <td>A94ST</td> <td>14</td> <td>GY</td> <td>1661709C1</td> </tr> <tr> <td>3</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>4</td> <td>A94KP</td> <td>18</td> <td>TN</td> <td>1661709C1</td> </tr> <tr> <td>5</td> <td>A94VT</td> <td>16</td> <td>GY</td> <td>1661709C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A92GG	18	TN	1661709C1	2	A94ST	14	GY	1661709C1	3	-	-	-	-	4	A94KP	18	TN	1661709C1	5	A94VT	16	GY	1661709C1										
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4	A94KP	18	TN	1661709C1																																											
5	A94VT	16	GY	1661709C1																																											
CONNECTOR 0593385C1 BODY LOCK 0593387C1																																															
ABS XMSN INTERRUPT (1085M) 				<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>A94KP</td> <td>18</td> <td>TN</td> <td>0587576C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>A92-GG</td> <td>18</td> <td>TN</td> <td>0587576C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A94KP	18	TN	0587576C1	1652325C1	B	A92-GG	18	TN	0587576C1	1652325C1																						
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CONNECTOR 0587568C91																																															
RETARDER ON LIGHT (1087M) 				<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>A13BP</td> <td>18</td> <td>PK</td> <td>0333732C1</td> </tr> <tr> <td>B</td> <td>A92RR</td> <td>18</td> <td>TN</td> <td>0333732C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A13BP	18	PK	0333732C1	B	A92RR	18	TN	0333732C1																									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																											
A	A13BP	18	PK	0333732C1																																											
B	A92RR	18	TN	0333732C1																																											
CONNECTOR 0969541R1																																															
		CIGAR LIGHTER (1090F / 1090M)																																													
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																									
MJVO	03MAR16	R/D 1090F/1090M WAS	B	93408S	300371	CIRCUIT DIAGRAM, PAYSTAR																																									
					RELEASE NO.	DATE	PART NO.																																								
					61879Y	17SEP09	AE08058092																																								
						SHEET	087																																								

Figure 294 Connector Composites (1065M / 1085M / 1087M / 1090 / 1095F)

13.108. CONNECTOR COMPOSITES (1095F / 1097 / 1097F / 1098F), P. 88

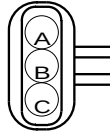
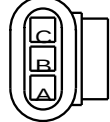
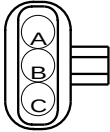
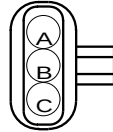
NAVISTAR, INC THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																																			
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Figure 295 Connector Composites (1095F / 1097 / 1097F / 1098F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.109. CONNECTOR COMPOSITES (1099 / 1110 / 1125 / 1126), P. 89

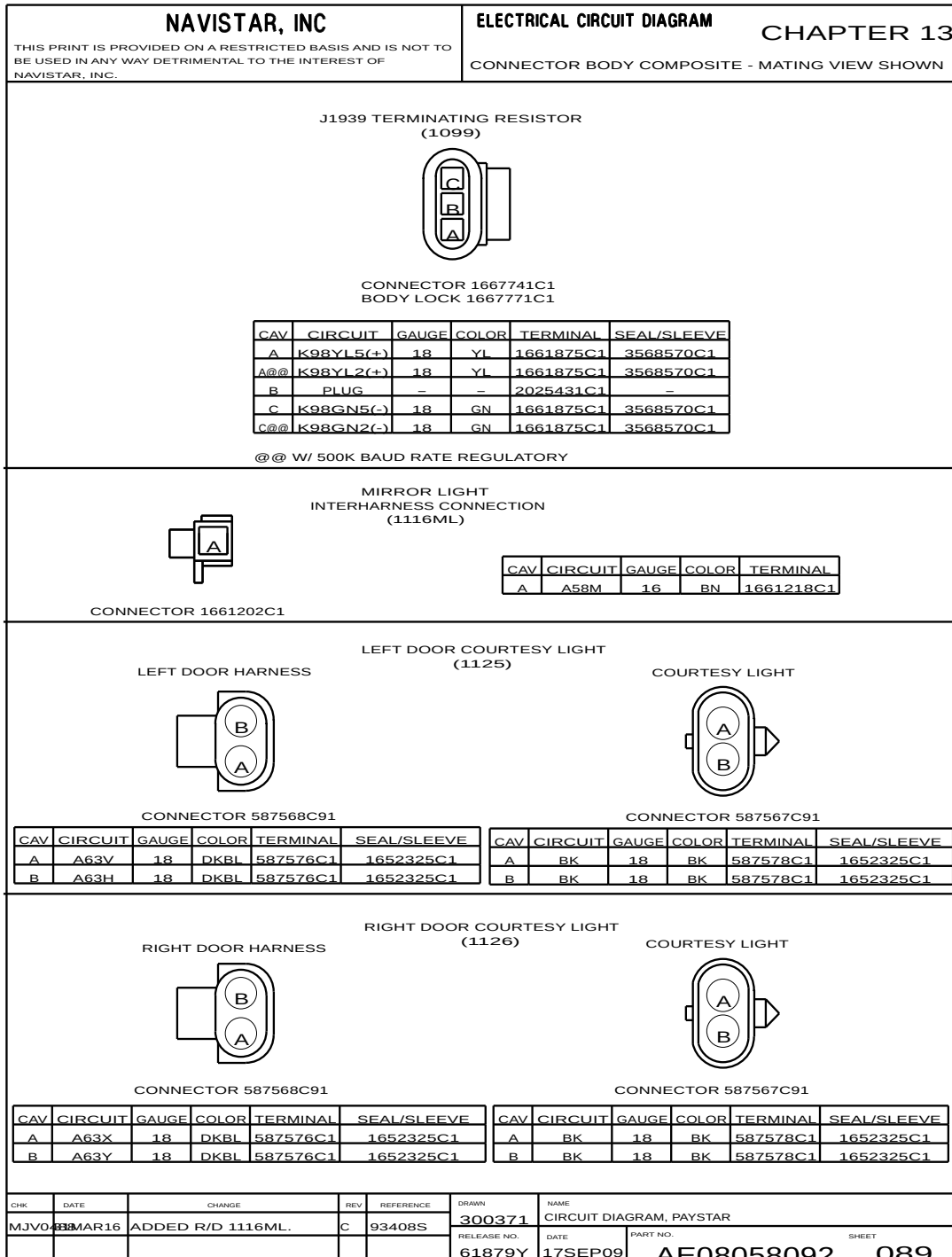


Figure 296 Connector Composites (1099 / 1110 / 1125 / 1126)

13.110. CONNECTOR COMPOSITES (1127 / 1128), P. 90

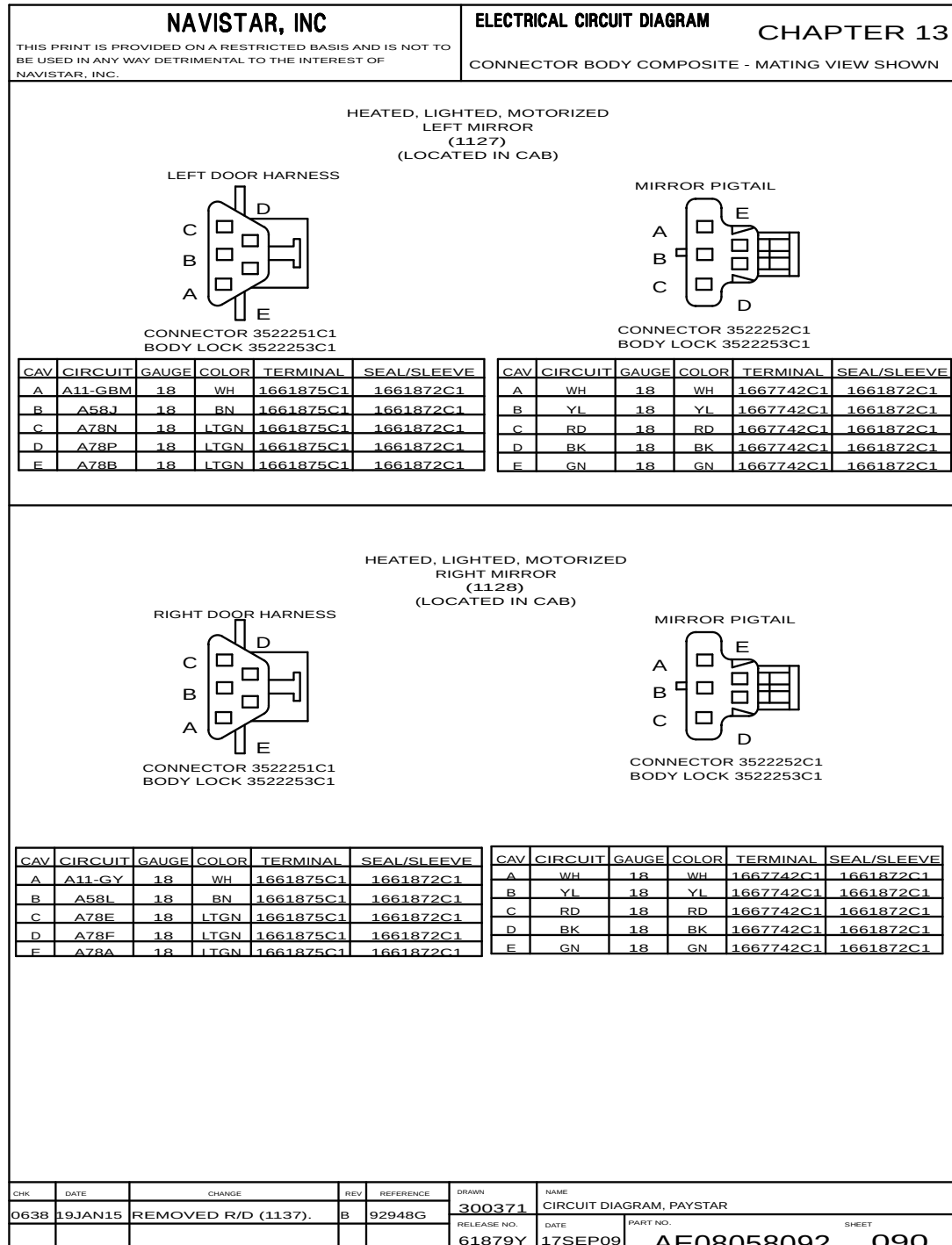


Figure 297 Connector Composites (1127 / 1128)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.111. CONNECTOR COMPOSITES (1135M / 1137), P. 90A

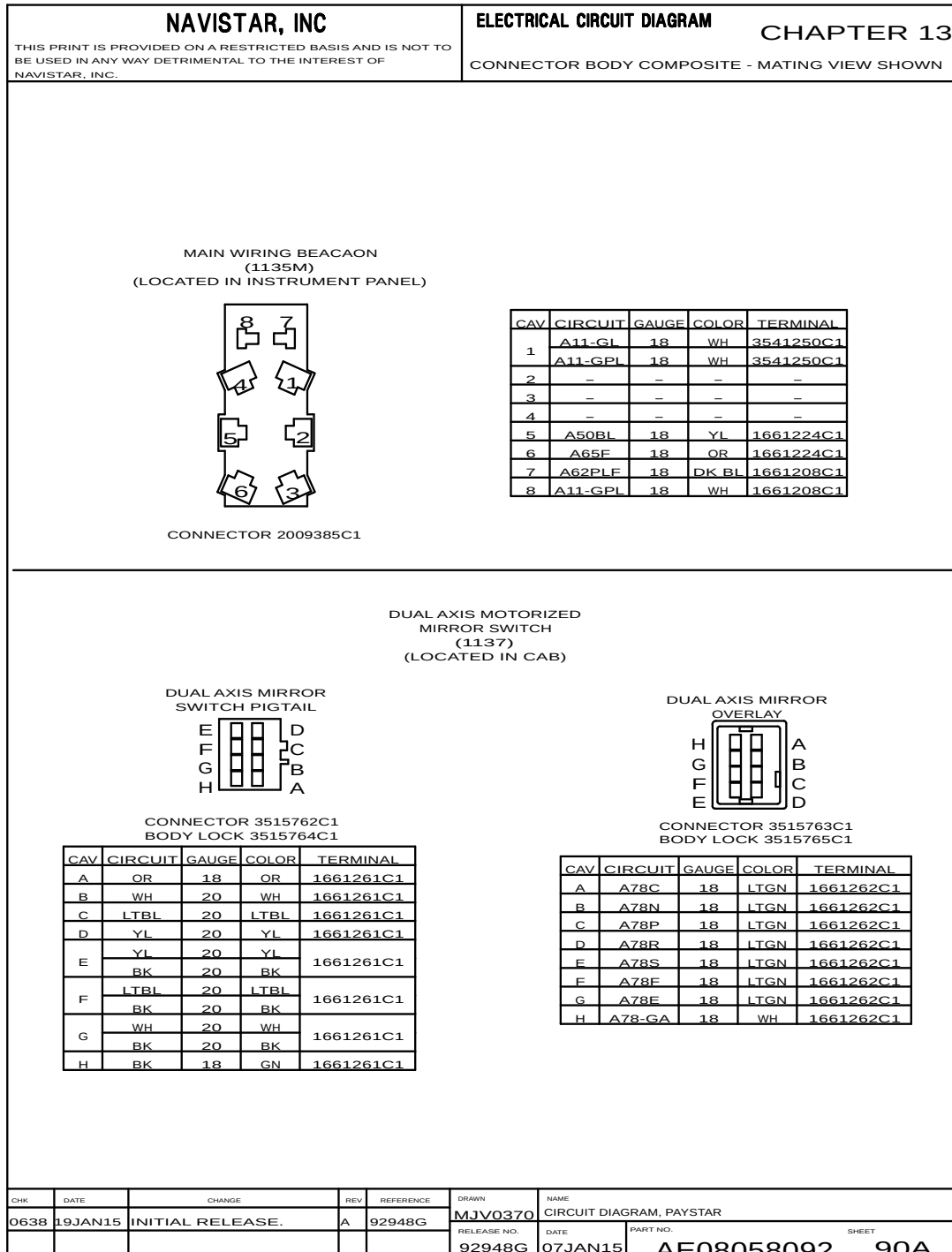


Figure 298 Connector Composites (1135M / 1137)

13.112. CONNECTOR COMPOSITES (1157F / 1158M / 1160F / 1161F, 1162F, 1163F, 1164F), P. 91

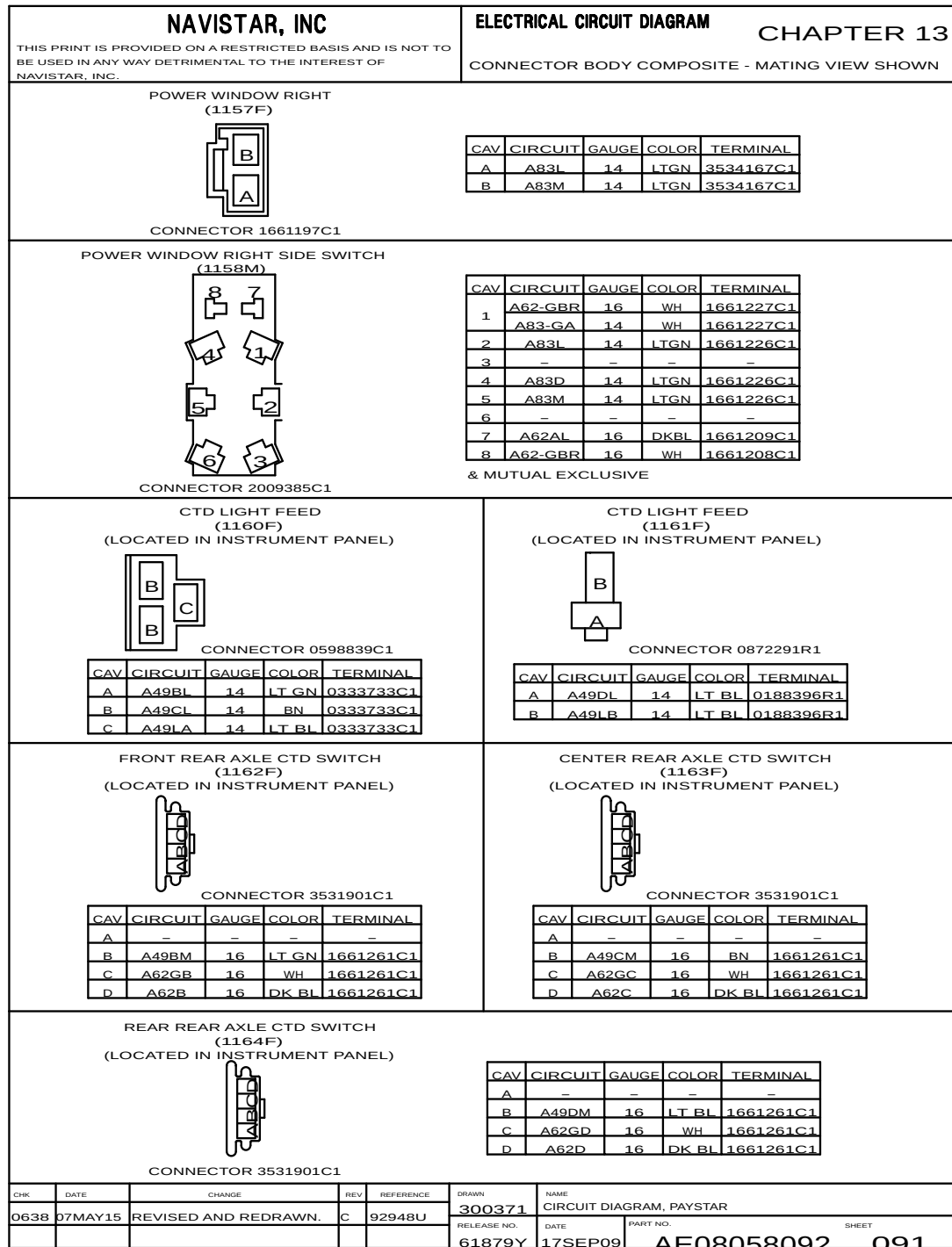


Figure 299 Connector Composites (1157F / 1158M / 1160F / 1161F, 1162F, 1163F, 1164F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.113. CONNECTOR COMPOSITE (1171M / 1190 / 1190F), P. 91A

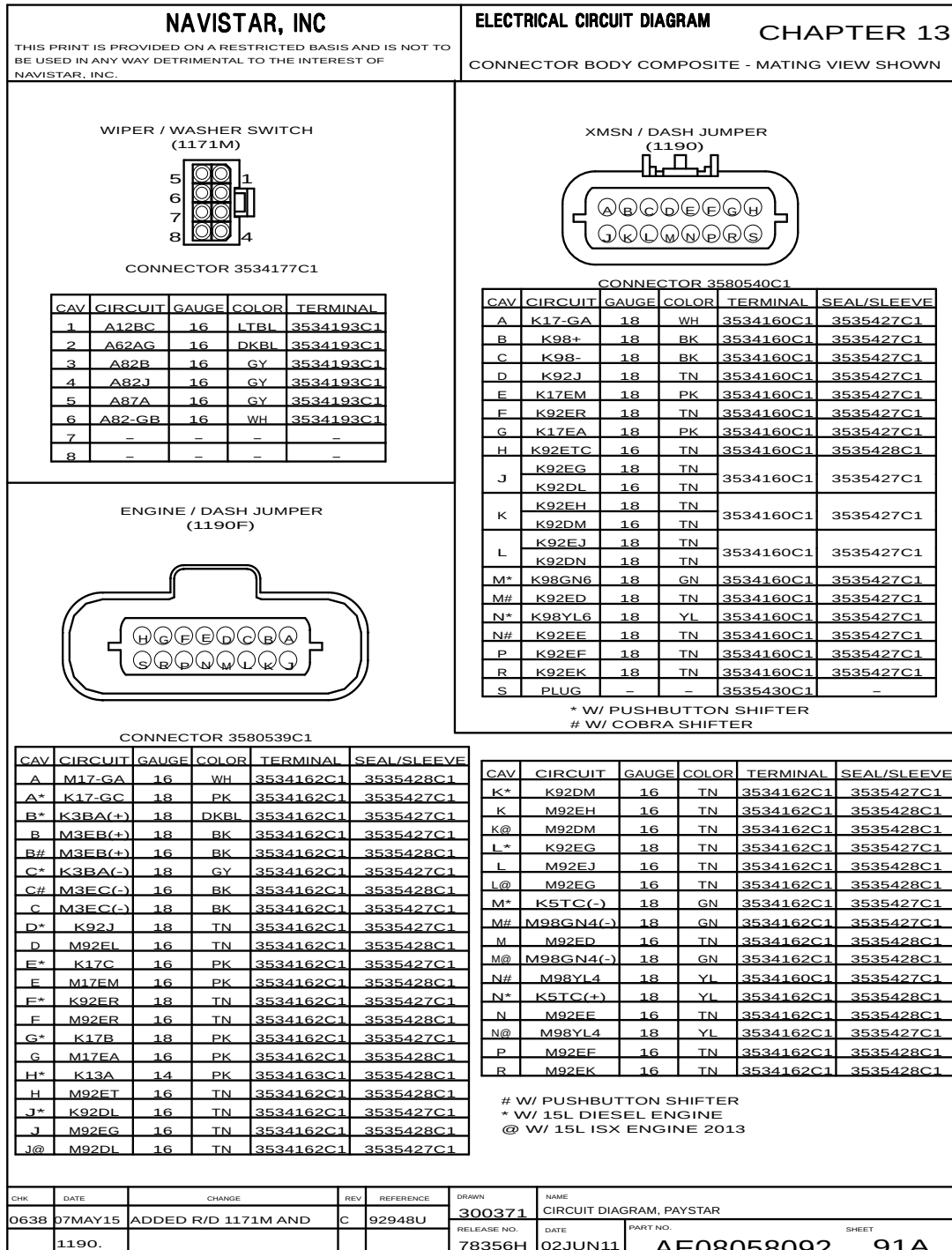


Figure 300 Connector Composite (1171M / 1190 / 1190F)

13.114. CONNECTOR COMPOSITES (1217M / 1240 / 1258F / 1260F / 1262), P. 92

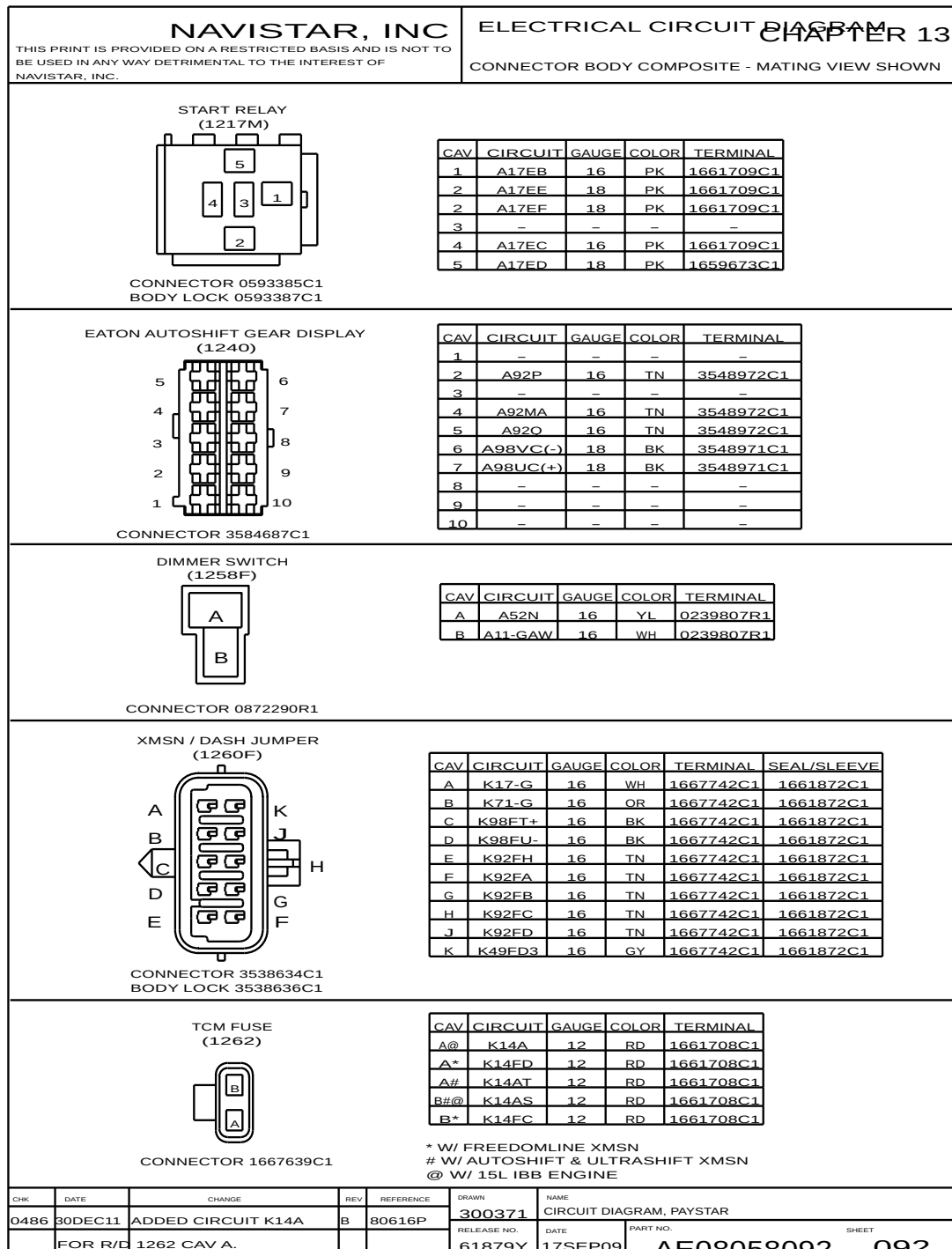


Figure 301 Connector Composites (1217M / 1240 / 1258F / 1260F / 1262)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.115. CONNECTOR COMPOSITES (1281M / 1282M / 1283 / 1284 / 1285F), P. 93

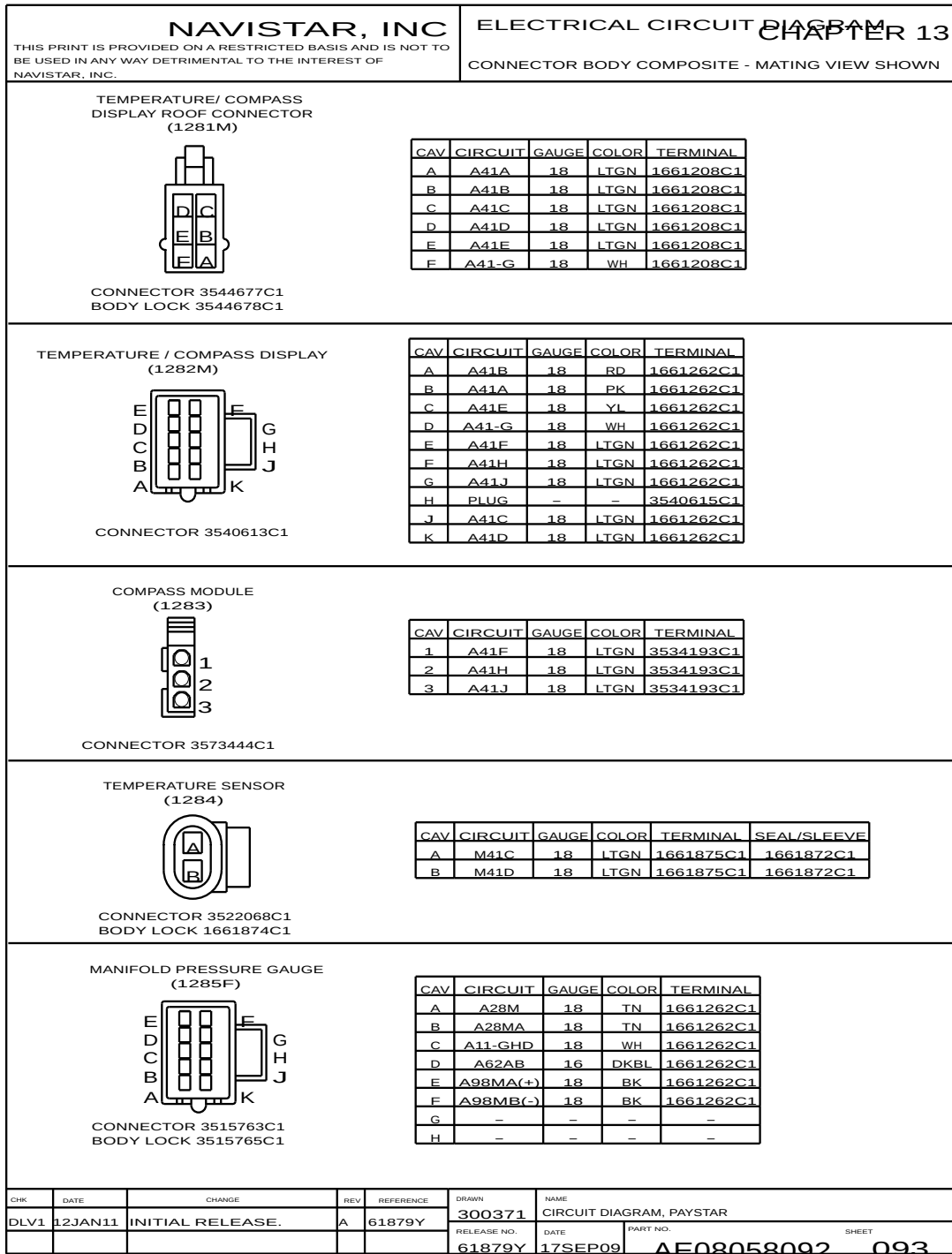


Figure 302 Connector Composites (1281M / 1282M / 1283 / 1284 / 1285F)

13.116. CONNECTOR COMPOSITES (1286F / 1308 / 1309M / 1329M / 1330 / 1331F / 1332F), P. 94

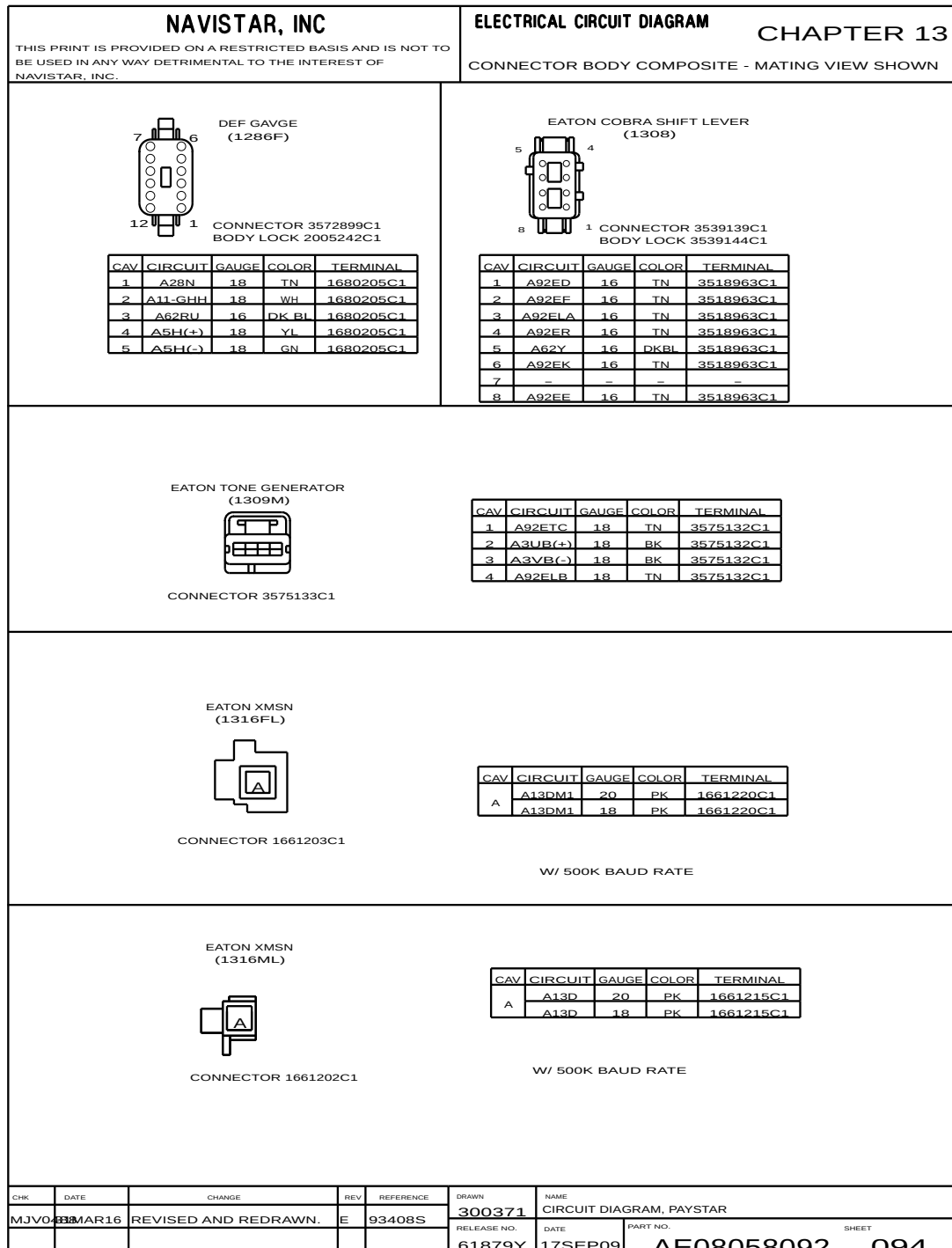


Figure 303 Connector Composites (1286F / 1308 / 1309M / 1329M / 1330 / 1331F / 1332F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.117. CONNECTOR COMPOSITES (1329M / 1330 / 1331F / 1332F), P. 94A

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BUMPER MTD MARKER LIGHT (1329M)  CONNECTOR 1671610C1 BODY LOCK 1671608C1				<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>M58ML</td> <td>18</td> <td>BN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>#A</td> <td>M58ML</td> <td>18</td> <td>BN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M58-GML</td> <td>18</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>*B</td> <td>M11-GML</td> <td>18</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>#B</td> <td>M11-GML</td> <td>18</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> * W/ 15L DIESEL ENGINE # W/ 15L ISX ENGINE 2013				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	*A	M58ML	18	BN	2033819C1	1652325C1	#A	M58ML	18	BN	2033819C1	1652325C1	B	M58-GML	18	WH	2033819C1	1652325C1	*B	M11-GML	18	WH	2033819C1	1652325C1	#B	M11-GML	18	WH	2033819C1	1652325C1									
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*B	M11-GML	18	WH	2033819C1	1652325C1																																															
#B	M11-GML	18	WH	2033819C1	1652325C1																																															
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Figure 304 Connector Composites (1329M / 1330 / 1331F / 1332F)

13.118. CONNECTOR COMPOSITES (1339 / 1342 / 1348), P. 95

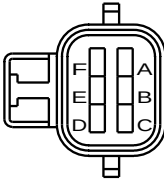
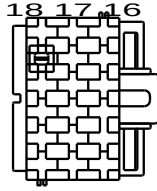
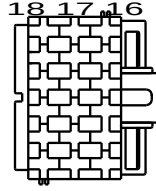
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Figure 305 Connector Composites (1339 / 1342 / 1348)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.119. CONNECTOR COMPOSITES (1349 / 1350), P. 96

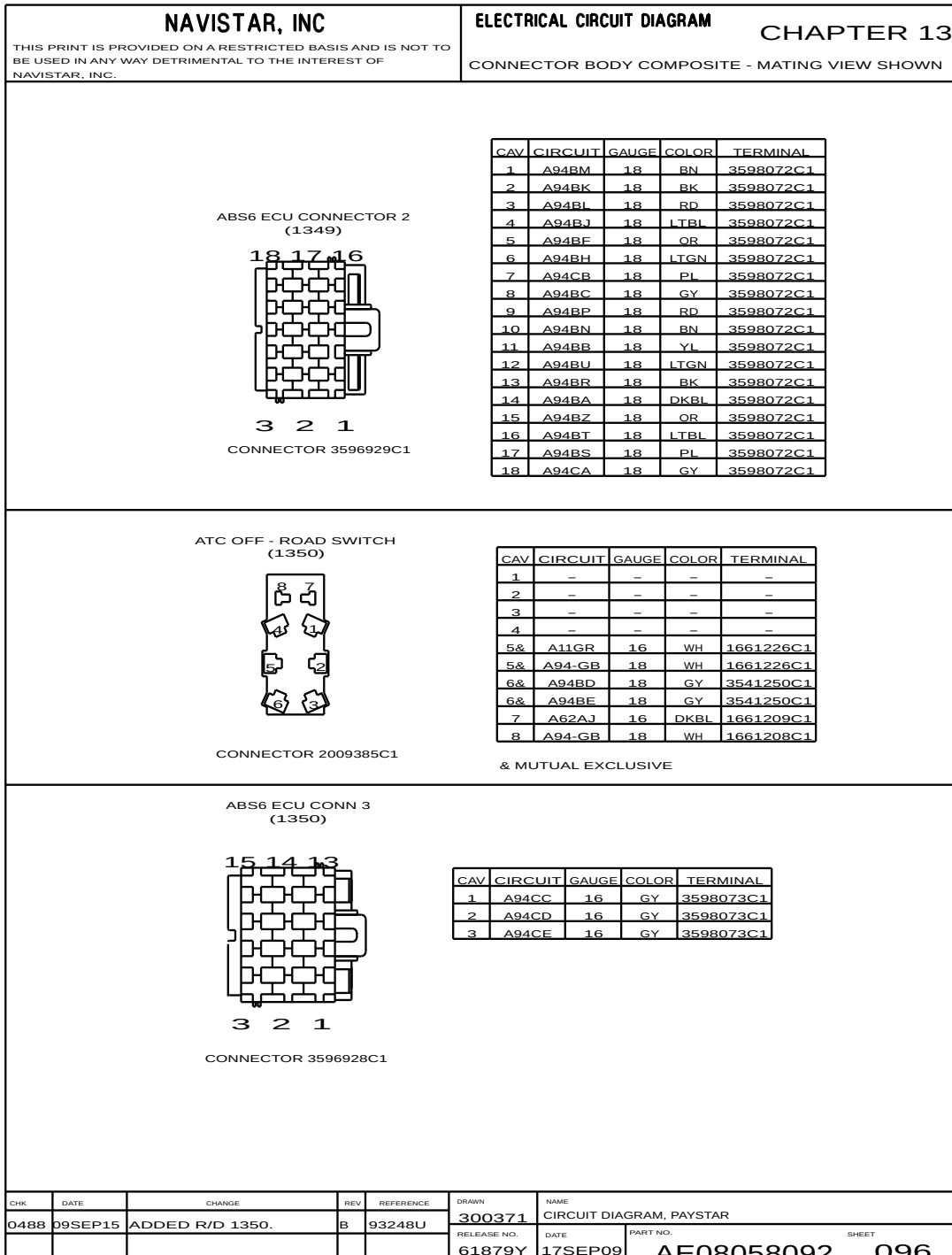


Figure 306 Connector Composites (1349 / 1350)

13.120. CONNECTOR COMPOSITES (1351 / 1360), P. 96A

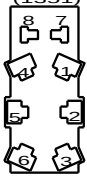
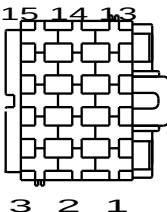
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13																																																																																									
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ATC OFF-ROAD SWITCH (1351)  CONNECTOR 2009385C1 <table border="1" style="width: 100%; border-collapse: 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>11GR</td><td>16</td><td>WH</td><td>1661226C1</td></tr><tr><td>5</td><td>94-GB</td><td>18</td><td>WH</td><td>1661226C1</td></tr><tr><td>6</td><td>94BD</td><td>18</td><td>GY</td><td>3541250C1</td></tr><tr><td>6</td><td>94BE</td><td>18</td><td>GY</td><td>3541250C1</td></tr><tr><td>7</td><td>62AJ</td><td>16</td><td>DK BL</td><td>1661209C1</td></tr><tr><td>8</td><td>94-GB</td><td>18</td><td>WH</td><td>1661208C1</td></tr></tbody></table>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	-	-	-	-	3	-	-	-	-	4	-	-	-	-	5	11GR	16	WH	1661226C1	5	94-GB	18	WH	1661226C1	6	94BD	18	GY	3541250C1	6	94BE	18	GY	3541250C1	7	62AJ	16	DK BL	1661209C1	8	94-GB	18	WH	1661208C1																														
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PMV TRAILER (1360)  CONNECTOR 3596928C1 <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>A94CC</td><td>16</td><td>GY</td><td>3598073C1</td></tr><tr><td>2</td><td>A94CD</td><td>16</td><td>GY</td><td>3598073C1</td></tr><tr><td>3</td><td>A94SK</td><td>18</td><td>GY</td><td>3598072C1</td></tr><tr><td>3</td><td>A94CE</td><td>16</td><td>GY</td><td>3598073C1</td></tr><tr><td>4</td><td>A94CH</td><td>18</td><td>LT BL</td><td>3598072C1</td></tr><tr><td>5</td><td>A94SJ</td><td>18</td><td>GY</td><td>3598072C1</td></tr><tr><td>6</td><td>A94CJ</td><td>18</td><td>LT GN</td><td>3598072C1</td></tr><tr><td>7</td><td>A94BG</td><td>18</td><td>PL</td><td>3598072C1</td></tr><tr><td>8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>9</td><td>A94CK</td><td>18</td><td>RD</td><td>3598072C1</td></tr><tr><td>10</td><td>A94CM</td><td>18</td><td>BN</td><td>3598072C1</td></tr><tr><td>11</td><td>A94CS</td><td>18</td><td>OR</td><td>3598072C1</td></tr><tr><td>12</td><td>A94CP</td><td>18</td><td>DK BL</td><td>3598072C1</td></tr><tr><td>13</td><td>A94CN</td><td>18</td><td>BK</td><td>3598072C1</td></tr><tr><td>14</td><td>A94CT</td><td>18</td><td>GY</td><td>3598072C1</td></tr><tr><td>15</td><td>A94CR</td><td>18</td><td>YL</td><td>3598072C1</td></tr></tbody></table>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A94CC	16	GY	3598073C1	2	A94CD	16	GY	3598073C1	3	A94SK	18	GY	3598072C1	3	A94CE	16	GY	3598073C1	4	A94CH	18	LT BL	3598072C1	5	A94SJ	18	GY	3598072C1	6	A94CJ	18	LT GN	3598072C1	7	A94BG	18	PL	3598072C1	8	-	-	-	-	9	A94CK	18	RD	3598072C1	10	A94CM	18	BN	3598072C1	11	A94CS	18	OR	3598072C1	12	A94CP	18	DK BL	3598072C1	13	A94CN	18	BK	3598072C1	14	A94CT	18	GY	3598072C1	15	A94CR	18	YL	3598072C1
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Figure 307 Connector Composites (1351 / 1360)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.121. CONNECTOR COMPOSITES (1361 / 1363 / 1364), P. 97

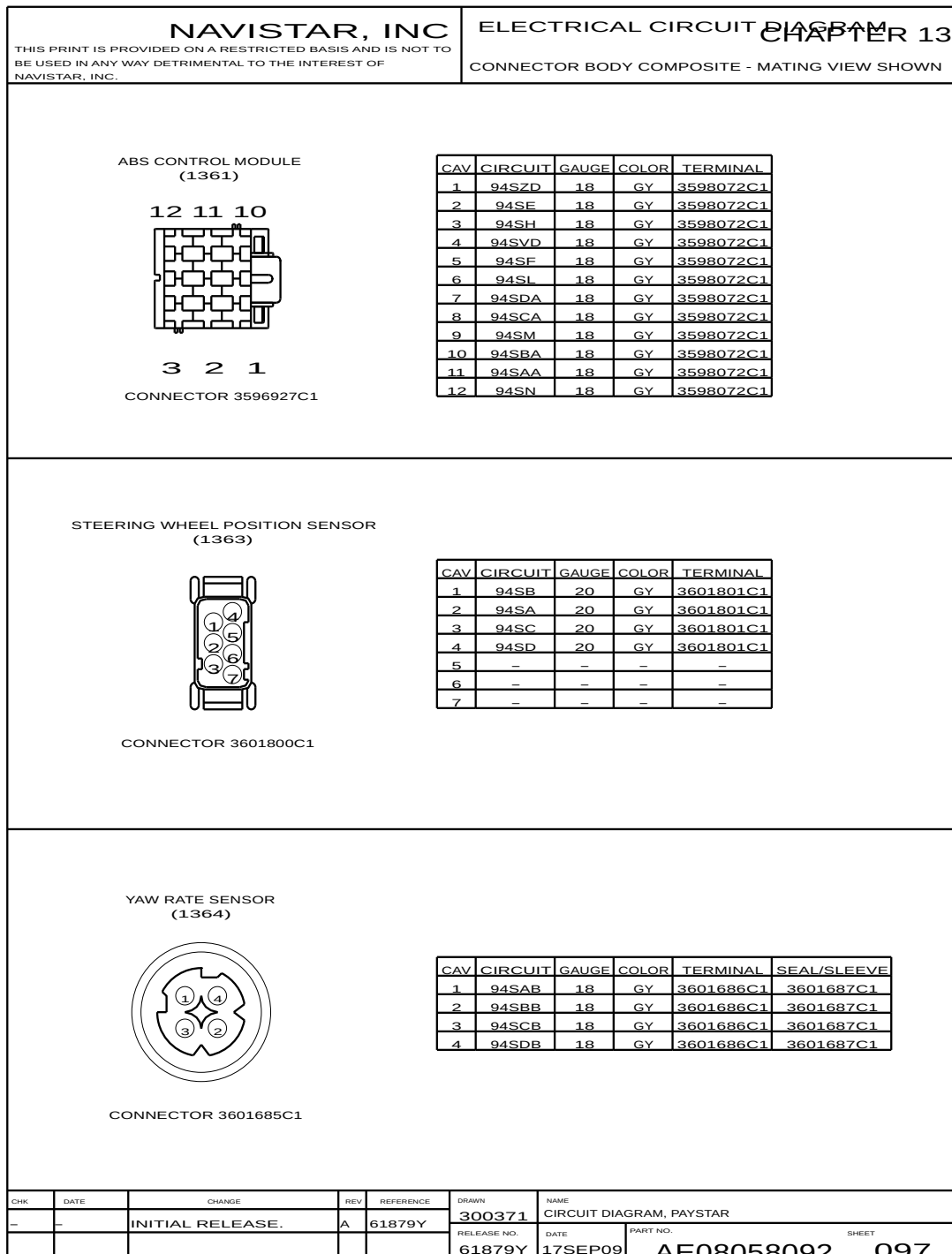


Figure 308 Connector Composites (1361 / 1363 / 1364)

13.122. CONNECTOR COMPOSITES (1366 / 1367 / 1368F / 1369), P. 98

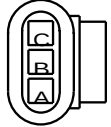
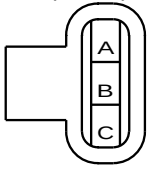
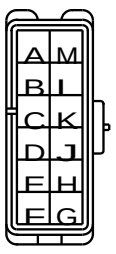
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PRESSURE SENSOR 2 (1366) (LOCATED AT OUT SIDE RIGHT DASH PANEL)  CONNECTOR 1667741C1 BODY LOCK 1667771C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>BL</td> <td>18</td> <td>BL</td> <td>1661875C1</td> </tr> <tr> <td>B</td> <td>WH</td> <td>18</td> <td>WH</td> <td>1661875C1</td> </tr> <tr> <td>C</td> <td>OR</td> <td>18</td> <td>OR</td> <td>1661875C1</td> </tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	BL	18	BL	1661875C1	B	WH	18	WH	1661875C1	C	OR	18	OR	1661875C1																																													
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PRESSURE SENSOR 3 (1367) (LOCATED AT RIGHT REAR AIR BAG)  CONNECTOR 1667741C1 BODY LOCK 1667771C1 <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>YL2</td> <td>18</td> <td>YL</td> <td>1661875C1</td> </tr> <tr> <td>B</td> <td>GN2</td> <td>18</td> <td>GN</td> <td>1661875C1</td> </tr> <tr> <td>C</td> <td>BN2</td> <td>18</td> <td>BN</td> <td>1661875C1</td> </tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	YL2	18	YL	1661875C1	B	GN2	18	GN	1661875C1	C	BN2	18	BN	1661875C1																																													
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TRAILER MODULATOR VALVE (1368F)  CONNECTOR 1686834C1 BODY LOCK 1664408C1 <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>1</td> <td>BK/WH2</td> <td>16</td> <td>BK</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>2</td> <td>RD/WH2</td> <td>16</td> <td>RD</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>3</td> <td>BN/WH2</td> <td>16</td> <td>BN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	BK/WH2	16	BK	2033819C1	1652325C1	2	RD/WH2	16	RD	2033819C1	1652325C1	3	BN/WH2	16	BN	2033819C1	1652325C1																																									
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ABS-6 RSP SPLICE PACK CAP (1369) (LOCATED IN INSTRUMENT PANEL - CENTER)  CONNECTOR 3601838C1 BODY LOCK 3601839C1 <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>A94SAA</td><td>18</td><td>GY</td><td>3534164C1</td></tr> <tr><td>B</td><td>A94SAB</td><td>18</td><td>GY</td><td>3534164C1</td></tr> <tr><td>C</td><td>A94SA</td><td>20</td><td>GY</td><td>3535484C1</td></tr> <tr><td>D</td><td>A94SCA</td><td>18</td><td>GY</td><td>3534164C1</td></tr> <tr><td>E</td><td>A94SCB</td><td>18</td><td>GY</td><td>3534164C1</td></tr> <tr><td>F</td><td>A94SC</td><td>20</td><td>GY</td><td>3535484C1</td></tr> <tr><td>G</td><td>A94SBA</td><td>18</td><td>GY</td><td>3534164C1</td></tr> <tr><td>H</td><td>A94SBB</td><td>18</td><td>GY</td><td>3534164C1</td></tr> <tr><td>J</td><td>A94SB</td><td>20</td><td>GY</td><td>3535484C1</td></tr> <tr><td>K</td><td>A94SDA</td><td>18</td><td>GY</td><td>3534164C1</td></tr> <tr><td>L</td><td>A94SDB</td><td>18</td><td>GY</td><td>3534164C1</td></tr> <tr><td>M</td><td>A94SD</td><td>20</td><td>GY</td><td>3535484C1</td></tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A94SAA	18	GY	3534164C1	B	A94SAB	18	GY	3534164C1	C	A94SA	20	GY	3535484C1	D	A94SCA	18	GY	3534164C1	E	A94SCB	18	GY	3534164C1	F	A94SC	20	GY	3535484C1	G	A94SBA	18	GY	3534164C1	H	A94SBB	18	GY	3534164C1	J	A94SB	20	GY	3535484C1	K	A94SDA	18	GY	3534164C1	L	A94SDB	18	GY	3534164C1	M	A94SD	20	GY	3535484C1
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E	A94SCB	18	GY	3534164C1																																																																				
F	A94SC	20	GY	3535484C1																																																																				
G	A94SBA	18	GY	3534164C1																																																																				
H	A94SBB	18	GY	3534164C1																																																																				
J	A94SB	20	GY	3535484C1																																																																				
K	A94SDA	18	GY	3534164C1																																																																				
L	A94SDB	18	GY	3534164C1																																																																				
M	A94SD	20	GY	3535484C1																																																																				
<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>0488</td> <td>09SEP15</td> <td>ADDED R/D 1369.</td> <td>C</td> <td>93248U</td> <td>300371</td> <td>CIRCUIT DIAGRAM, PAYSTAR</td> </tr> <tr> <td colspan="5"></td> <td>RELEASE NO.</td> <td>DATE</td> </tr> <tr> <td colspan="5"></td> <td>61879Y</td> <td>17SEP09</td> </tr> <tr> <td colspan="6"></td> <td>PART NO.</td> </tr> <tr> <td colspan="6"></td> <td>AE08058092</td> </tr> <tr> <td colspan="6"></td> <td>SHEET</td> </tr> <tr> <td colspan="6"></td> <td>098</td> </tr> </tbody> </table>								CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	0488	09SEP15	ADDED R/D 1369.	C	93248U	300371	CIRCUIT DIAGRAM, PAYSTAR						RELEASE NO.	DATE						61879Y	17SEP09							PART NO.							AE08058092							SHEET							098									
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						098																																																																		

Figure 309 Connector Composites (1366 / 1367 / 1368F / 1369)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.123. CONNECTOR COMPOSITES (1370 / 1378 / 1386 / 1387), P. 99

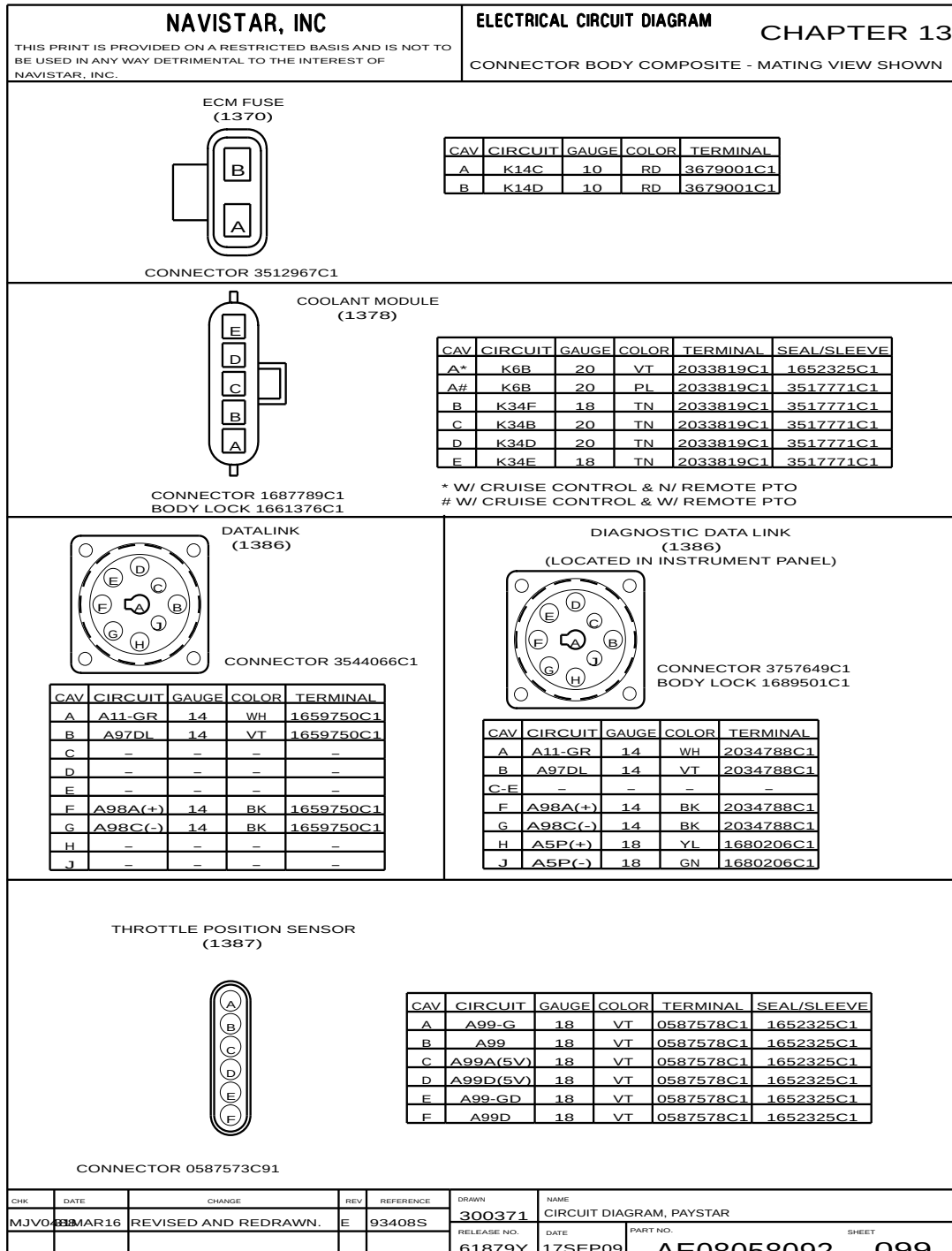


Figure 310 Connector Composites (1370 / 1378 / 1386 / 1387)

13.124. CONNECTOR COMPOSITES (1402 / 1403 / 1404 / 1405), P. 99A

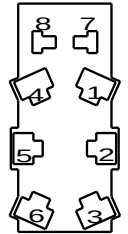
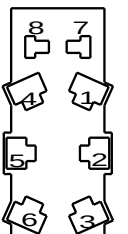
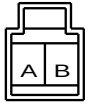
NAVISTAR, INC THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																					
INHIBIT REGEN SWITCH (1402) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 2009385C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <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>A95IR</td><td>18</td><td>TN</td><td>1661224C1</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>A95IG</td><td>18</td><td>TN</td><td>1661224C1</td></tr> <tr><td>5</td><td>A95IN</td><td>18</td><td>TN</td><td>1661224C1</td></tr> <tr><td>6</td><td>A95-GD</td><td>16</td><td>WH</td><td>1661226C1</td></tr> <tr><td>7</td><td>A62MSP</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>8</td><td>A62-HMS</td><td>18</td><td>WH</td><td>1661208C1</td></tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A95IR	18	TN	1661224C1	2	-	-	-	-	3	-	-	-	-	4	A95IG	18	TN	1661224C1	5	A95IN	18	TN	1661224C1	6	A95-GD	16	WH	1661226C1	7	A62MSP	16	DKBL	1661209C1	8	A62-HMS	18	WH	1661208C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																					
1	A95IR	18	TN	1661224C1																																																					
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3	-	-	-	-																																																					
4	A95IG	18	TN	1661224C1																																																					
5	A95IN	18	TN	1661224C1																																																					
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7	A62MSP	16	DKBL	1661209C1																																																					
8	A62-HMS	18	WH	1661208C1																																																					
PARKED REGEN SWITCH (1403) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 2009385C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <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>A95FA</td><td>18</td><td>TN</td><td>1661224C1</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>A95BA</td><td>18</td><td>TN</td><td>1661224C1</td></tr> <tr><td>4&</td><td>A95BA</td><td>18</td><td>GY</td><td>1661224C1</td></tr> <tr><td>5</td><td>A95FE</td><td>18</td><td>TN</td><td>1661224C1</td></tr> <tr><td>6</td><td>A95-GC</td><td>16</td><td>WH</td><td>1661226C1</td></tr> <tr><td>7</td><td>A62MSM</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>8</td><td>A62-GMS</td><td>18</td><td>WH</td><td>1661208C1</td></tr> </tbody> </table> & MUTUAL EXCLUSIVE								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A95FA	18	TN	1661224C1	2	-	-	-	-	3	-	-	-	-	4&	A95BA	18	TN	1661224C1	4&	A95BA	18	GY	1661224C1	5	A95FE	18	TN	1661224C1	6	A95-GC	16	WH	1661226C1	7	A62MSM	16	DKBL	1661209C1	8	A62-GMS	18	WH	1661208C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																					
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5	A95FE	18	TN	1661224C1																																																					
6	A95-GC	16	WH	1661226C1																																																					
7	A62MSM	16	DKBL	1661209C1																																																					
8	A62-GMS	18	WH	1661208C1																																																					
HIGH EXHAUST TEMP LIGHT (1404) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 0969541R1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <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>A95HT</td><td>18</td><td>GY</td><td>0333732C1</td></tr> <tr><td>A&</td><td>A95HT</td><td>18</td><td>GY</td><td>0879630R1</td></tr> <tr><td>B&</td><td>A95HR</td><td>18</td><td>GY</td><td>0879630R1</td></tr> <tr><td>B&</td><td>A95HR</td><td>18</td><td>GY</td><td>0333732C1</td></tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A&	A95HT	18	GY	0333732C1	A&	A95HT	18	GY	0879630R1	B&	A95HR	18	GY	0879630R1	B&	A95HR	18	GY	0333732C1																									
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B&	A95HR	18	GY	0879630R1																																																					
B&	A95HR	18	GY	0333732C1																																																					
PARTICULATE TRAP WARNING LIGHT (1405) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 0481140C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <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>A95HV</td><td>18</td><td>GY</td><td>0241117R1</td></tr> <tr><td>B</td><td>A95FB</td><td>18</td><td>GY</td><td>0241117R1</td></tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A95HV	18	GY	0241117R1	B	A95FB	18	GY	0241117R1																																			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																					
A	A95HV	18	GY	0241117R1																																																					
B	A95FB	18	GY	0241117R1																																																					
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					PART NO.	SHEET																																																			
					AE08058092	99A																																																			

Figure 311 Connector Composites (1402 / 1403 / 1404 / 1405)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.125. CONNECTOR COMPOSITES (1406 / 1407 / 1415), P. 99B

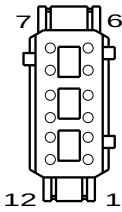
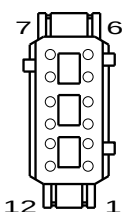
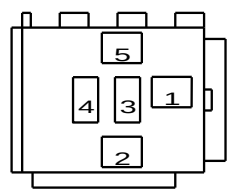
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																		
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J1 MULTIPLEXED SIGNAL MODULE (1406) (LOCATED IN INSTRUMENT PANEL)																																																																									
																																																																									
CONNECTOR 3553404C1 BODY LOCK 3553460C1																																																																									
					<table border="1" style="width: 100%; border-collapse: collapse; font-size: 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>A95BM</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>2</td><td>A95IN</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>3</td><td>A95E</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> <tr><td>5</td><td>A6YL(+)</td><td>18</td><td>YL</td><td>3518963C1</td></tr> <tr><td>6</td><td>A6GN(-)</td><td>18</td><td>GN</td><td>3518963C1</td></tr> <tr><td>7</td><td>A95A</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>8</td><td>A95-GA</td><td>16</td><td>WH</td><td>3518963C1</td></tr> <tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> <tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> <tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> <tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A95BM	18	TN	3518963C1	2	A95IN	18	TN	3518963C1	3	A95E	18	TN	3518963C1	4	PLUG	-	-	3527276C1	5	A6YL(+)	18	YL	3518963C1	6	A6GN(-)	18	GN	3518963C1	7	A95A	18	TN	3518963C1	8	A95-GA	16	WH	3518963C1	9	PLUG	-	-	3527276C1	10	PLUG	-	-	3527276C1	11	PLUG	-	-	3527276C1	12	PLUG	-	-	3527276C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																					
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3	A95E	18	TN	3518963C1																																																																					
4	PLUG	-	-	3527276C1																																																																					
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6	A6GN(-)	18	GN	3518963C1																																																																					
7	A95A	18	TN	3518963C1																																																																					
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9	PLUG	-	-	3527276C1																																																																					
10	PLUG	-	-	3527276C1																																																																					
11	PLUG	-	-	3527276C1																																																																					
12	PLUG	-	-	3527276C1																																																																					
J2 MULTIPLEXED SIGNAL MODULE (1407) (LOCATED IN INSTRUMENT PANEL)																																																																									
																																																																									
CONNECTOR 3586750C1 BODY LOCK 3553460C1																																																																									
					<table border="1" style="width: 100%; border-collapse: collapse; font-size: 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>3527276C1</td></tr> <tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> <tr><td>4</td><td>A95FA</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>5</td><td>A95IR</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>6</td><td>A95HR</td><td>18</td><td>GY</td><td>3518963C1</td></tr> <tr><td>7</td><td>A95FB</td><td>18</td><td>GY</td><td>3518963C1</td></tr> <tr><td>8</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> <tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> <tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> <tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> <tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	PLUG	-	-	3527276C1	2	PLUG	-	-	3527276C1	3	PLUG	-	-	3527276C1	4	A95FA	18	TN	3518963C1	5	A95IR	18	TN	3518963C1	6	A95HR	18	GY	3518963C1	7	A95FB	18	GY	3518963C1	8	PLUG	-	-	3527276C1	9	PLUG	-	-	3527276C1	10	PLUG	-	-	3527276C1	11	PLUG	-	-	3527276C1	12	PLUG	-	-	3527276C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																					
1	PLUG	-	-	3527276C1																																																																					
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12	PLUG	-	-	3527276C1																																																																					
AFTERTREATMENT BUZZER (1415) (LOCATED IN INSTRUMENT PANEL)																																																																									
																																																																									
CONNECTOR 0593385C1 BODY LOCK 0593387C1																																																																									
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																					
1	A95BM	18	TN	1659673C1																																																																					
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					91786V	13MAR13	AE08058092	99B																																																																	

Figure 312 Connector Composites (1406 / 1407 / 1415)

13.126. CONNECTOR COMPOSITES (1431 / 1449F / 1449M / 1450 / 1451 / 1455 / 1456 / 1461M / 1610), P. 99C

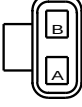
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.										CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN				
PURGE PUMP FUSE (1431) (LOCATED IN ENGINE) 										ROOF WIRING (1449F) (LOCATED IN INSTRUMENT PANEL) 				
CONNECTOR 1661639C1										CONNECTOR 0481140C1				
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	K14C	10	RD	2034787C1	A	C11-GBL	18	WH	0241117R1	A	C11-GBL	18	WH	0241117R1
B	K14D	10	RD	2034787C1	B	C65F	18	OR	0241117R1	B	C65F	18	OR	0241117R1
MAIN WIRING BEACON (1449M) (LOCATED IN INSTRUMENT PANEL) 										ROOF WIRING (1450) (LOCATED IN ROOF PANEL) 				
CONNECTOR 0969541R1										CONNECTOR 1661259C1				
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A11-GBL	18	WH	0333732C1	A	C11-GBR	18	WH	1661261C1	A	C11-GBR	18	WH	1661261C1
B	A65F	18	OR	0333732C1	B	C65FR	18	OR	1661261C1	B	C65FR	18	OR	1661261C1
ROOF WIRING (1451) (LOCATED IN ROOF PANEL) 										WAIT TO START (1455) (LOCATED IN INSTRUMENT PANEL) 				
CONNECTOR 1661259C1										CONNECTOR 1661260C1 BODY LOCK 1661264C1				
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	C11-GBT	18	WH	1661261C1	A	A97S	18	VT	1661262C1	A	A97S	18	VT	1661262C1
B	C65FT	18	OR	1661261C1	B	A97WTS	18	VT	1661262C1	B	A97WTS	18	VT	1661262C1
WATER IN FUEL (1456) (LOCATED IN INSTRUMENT PANEL) 										REMOTE AC CONDENSER (1461M) (LOCATED IN ENGINE) 				
CONNECTOR 1661259C1 BODY LOCK 1661263C1										CONNECTOR 0587568C91				
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A97F	18	VT	1661261C1	A	K23C	18	TN	0587576C1	A	K23C	18	TN	0587576C1
B	A97WF	18	VT	1661261C1	B	K23AC	18	TN	0587576C1	B	K23AC	18	TN	0587576C1
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME								
MJV0239	13MAR16	RMVD R/D 1610.	C	93408S	MJV0239	CIRCUIT DIAGRAM, PAYSTAR								
					RELEASE NO.	DATE	PART NO.	SHEET						
					91786V	13MAR13	AE08058092	99C						

Figure 313 Connector Composites (1431 / 1449F / 1449M / 1450 / 1451 / 1455 / 1456 / 1461M / 1610)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.127. CONNECTOR COMPOSITES (1600 / 1601), P. 99D

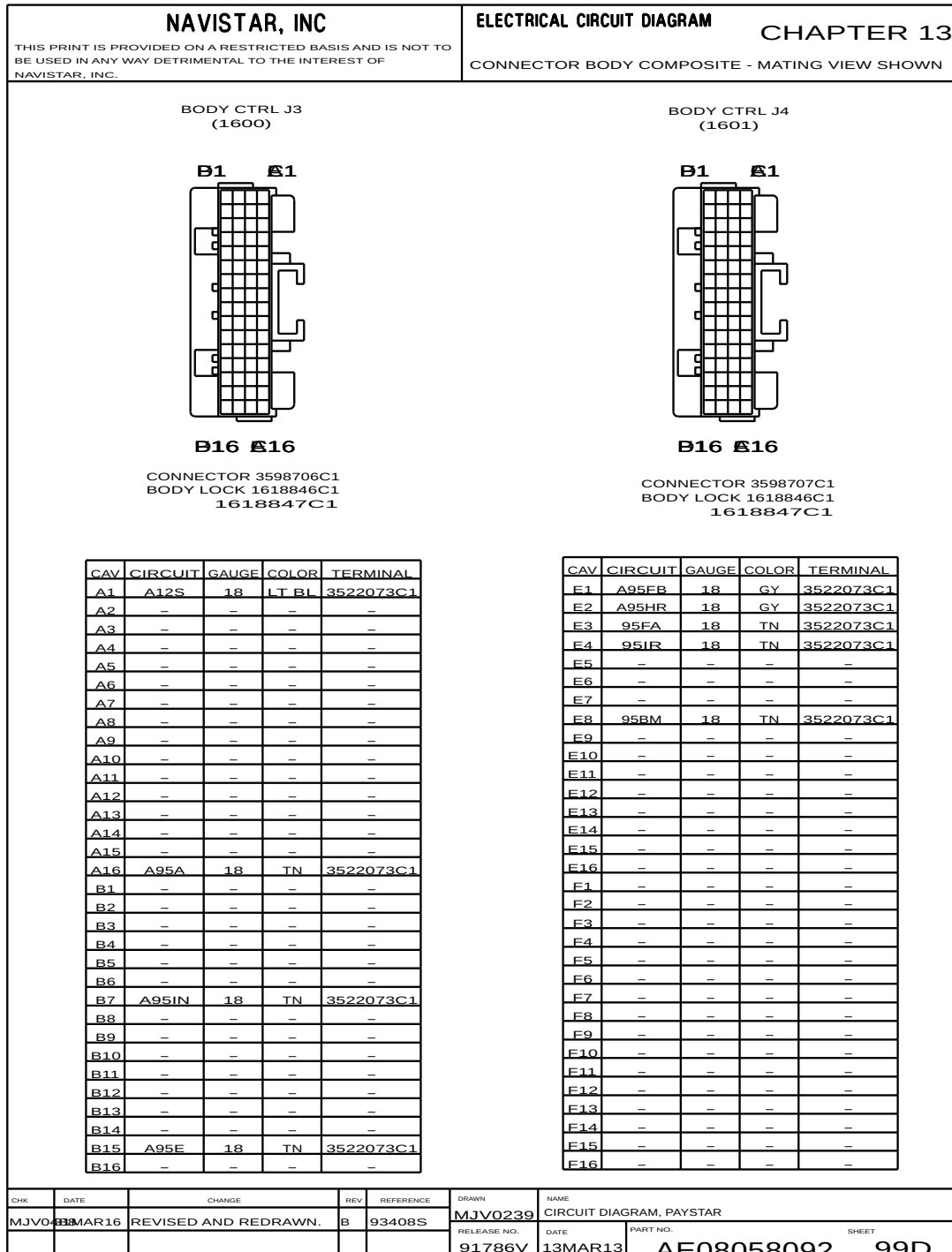


Figure 314 Connector Composites (1600 / 1601)

13.128. CONNECTOR COMPOSITES (1602 / 1604 / 1606 / 1610), P. 99E

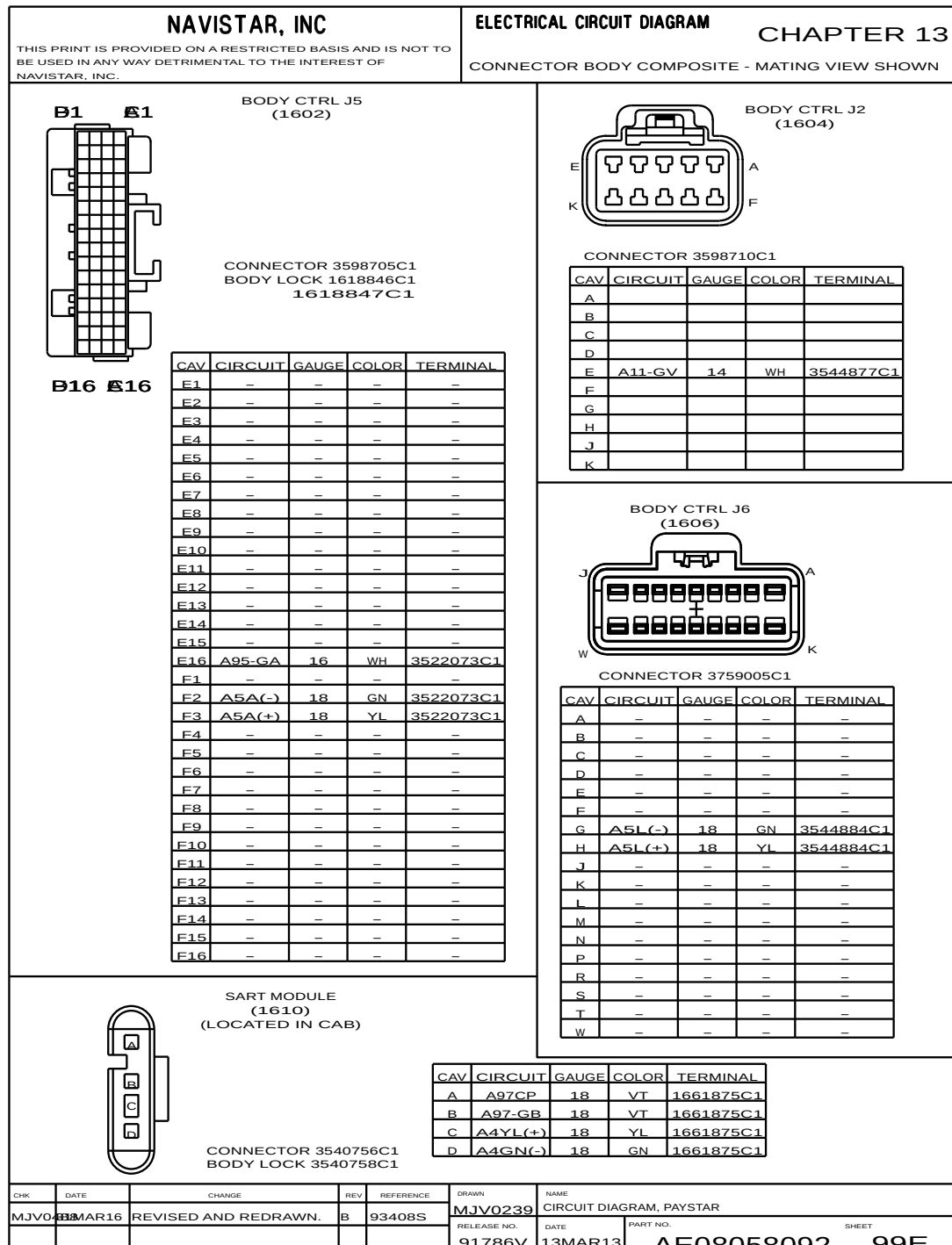


Figure 315 Connector Composites (1602 / 1604 / 1606 / 1610)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.129. CONNECTOR COMPOSITES (1874A / 1874B / 1874C / 1874D / 2000M / 4322 / 4328), P. 99F

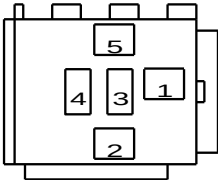
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																			
DAVCO WIF SENSOR (1874A)  CONNECTOR 3590390C1					RACOR WIF SENSOR (1874B) (LOCATED AT INSTRUMENT PANEL CENTER)  CONNECTOR 3590390C1																																																			
<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>1</td> <td>K95</td> <td>20</td> <td>TN</td> <td>3536865C1</td> <td>3536867C1</td> </tr> <tr> <td>2</td> <td>K95-GF</td> <td>18</td> <td>TN</td> <td>3536865C1</td> <td>3536868C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K95	20	TN	3536865C1	3536867C1	2	K95-GF	18	TN	3536865C1	3536868C1	<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>1</td> <td>K95W</td> <td>18</td> <td>TN</td> <td>3561584C1</td> <td>3536867C1</td> </tr> <tr> <td>1*</td> <td>K95W</td> <td>20</td> <td>TN</td> <td>3536865C1</td> <td>3536867C1</td> </tr> <tr> <td>2</td> <td>K95-GF</td> <td>18</td> <td>WH</td> <td>3561584C1</td> <td>3536867C1</td> </tr> <tr> <td>2*</td> <td>K95-GF</td> <td>18</td> <td>TN</td> <td>3561584C1</td> <td>3536868C1</td> </tr> </tbody> </table> * W/ 15L ISX ENGINE				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K95W	18	TN	3561584C1	3536867C1	1*	K95W	20	TN	3536865C1	3536867C1	2	K95-GF	18	WH	3561584C1	3536867C1	2*	K95-GF	18	TN	3561584C1	3536868C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																			
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2	K95-GF	18	TN	3536865C1	3536868C1																																																			
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2	K95-GF	18	WH	3561584C1	3536867C1																																																			
2*	K95-GF	18	TN	3561584C1	3536868C1																																																			
RAYCOR WIF SENSOR (1874C/1874D)  CONNECTOR 3977821C1					<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>K95</td> <td>18</td> <td>TN</td> <td>3526966C1</td> </tr> <tr> <td>2</td> <td>K95-GG</td> <td>18</td> <td>TN</td> <td>3526966C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95	18	TN	3526966C1	2	K95-GG	18	TN	3526966C1																																	
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2	K95-GG	18	TN	3526966C1																																																				
EATON ULTRASHIFT3 / DM3 XMSN RELAY (2000M)  CONNECTOR 0593385C1 BODY LOCK 0593387C1					<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>A13DM2</td> <td>18</td> <td>PK</td> <td>1659673C1</td> </tr> <tr> <td>2</td> <td>A92EH</td> <td>16</td> <td>TN</td> <td>1661710C1</td> </tr> <tr> <td>3</td> <td>A13D</td> <td>18</td> <td>PK</td> <td>1659673C1</td> </tr> <tr> <td>4</td> <td>A92EG</td> <td>16</td> <td>TN</td> <td>1661710C1</td> </tr> <tr> <td>5</td> <td>A92EJ</td> <td>16</td> <td>TN</td> <td>1661710C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A13DM2	18	PK	1659673C1	2	A92EH	16	TN	1661710C1	3	A13D	18	PK	1659673C1	4	A92EG	16	TN	1661710C1	5	A92EJ	16	TN	1661710C1																		
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FREEDOMLINE J1939 (4322)  CONNECTOR 3602454C1 BODY LOCK 1655705C1					PRIVATE J1939 (4328)  CONNECTOR 3602454C1 BODY LOCK 1655705C1																																																			
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MJV0223	03MAR16	INITIAL RELEASE.	A	93408S	MJV0223	CIRCUIT DIAGRAM, PAYSTAR																																																		
RELEASE NO.					DATE	PART NO.	SHEET																																																	
93408S					20JAN16	AE08058092	99F																																																	

Figure 316 Connector Composites (1874A / 1874B / 1874C / 1874D / 2000M / 4322 / 4328)

13.130. CONNECTOR COMPOSITES (4087 / 4705 / 4706), P. 99G

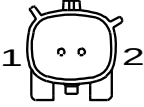
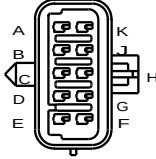
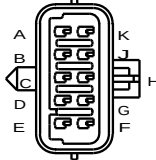
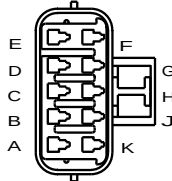
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																					
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DEF LAMP INTERCONNECT (4087)  CONNECTOR 6104815C1				<table border="1" style="width: 100%; border-collapse: 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>K97D1</td> <td>18</td> <td>LT BL</td> <td>3850120C1</td> </tr> <tr> <td>2</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K97D1	18	LT BL	3850120C1	2	PLUG	-	-	-																																																																					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																							
1	K97D1	18	LT BL	3850120C1																																																																																							
2	PLUG	-	-	-																																																																																							
BODY BUILDER 1 (4705)  CONNECTOR 3538634C1 BODY LOCK 3538636C1				<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>K92A15</td><td>18</td><td>PK</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B*</td><td>K92A11</td><td>20</td><td>TN</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>B#</td><td>K92A11</td><td>18</td><td>TN</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>C*</td><td>K92A12</td><td>20</td><td>TN</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>C#</td><td>K92A12</td><td>18</td><td>TN</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>D*</td><td>K92A13</td><td>20</td><td>PL</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>D#</td><td>K92A13</td><td>18</td><td>VT</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>E*</td><td>K92A9</td><td>20</td><td>PL</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>E#</td><td>K92A9</td><td>18</td><td>VT</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>F</td><td>K92A10</td><td>18</td><td>TN</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>G*</td><td>K92A8</td><td>20</td><td>PL</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>G#</td><td>K92A8</td><td>18</td><td>TN</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>J</td><td>K92A17</td><td>18</td><td>TN</td><td>1667742C1</td><td>3568570C1</td></tr> </tbody> </table> * W/ 15L ISX 2013 # W/ 11/13L IBB SCR				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K92A15	18	PK	1667742C1	1661872C1	B*	K92A11	20	TN	1667742C1	3568570C1	B#	K92A11	18	TN	1667742C1	3568570C1	C*	K92A12	20	TN	1667742C1	3568570C1	C#	K92A12	18	TN	1667742C1	3568570C1	D*	K92A13	20	PL	1667742C1	3568570C1	D#	K92A13	18	VT	1667742C1	1661872C1	E*	K92A9	20	PL	1667742C1	3568570C1	E#	K92A9	18	VT	1667742C1	1661872C1	F	K92A10	18	TN	1667742C1	3568570C1	G*	K92A8	20	PL	1667742C1	3568570C1	G#	K92A8	18	TN	1667742C1	3568570C1	J	K92A17	18	TN	1667742C1	3568570C1
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C*	K92A12	20	TN	1667742C1	3568570C1																																																																																						
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BODY BUILDER 2 (4706)  CONNECTOR 3538634C1 BODY LOCK 3538636C1				<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>K92A5</td><td>20</td><td>TN</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>B</td><td>K6A</td><td>20</td><td>PL</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>C</td><td>K92A3</td><td>20</td><td>PL</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>D</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>H</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>J</td><td>K92A18</td><td>20</td><td>TN</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>K</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> W/ 15L ISX 2013				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K92A5	20	TN	1667742C1	3568570C1	B	K6A	20	PL	1667742C1	3568570C1	C	K92A3	20	PL	1667742C1	3568570C1	D	PLUG	-	-	-	-	E	PLUG	-	-	-	-	F	PLUG	-	-	-	-	G	PLUG	-	-	-	-	H	PLUG	-	-	-	-	J	K92A18	20	TN	1667742C1	3568570C1	K	PLUG	-	-	-	-																		
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C	K92A3	20	PL	1667742C1	3568570C1																																																																																						
D	PLUG	-	-	-	-																																																																																						
E	PLUG	-	-	-	-																																																																																						
F	PLUG	-	-	-	-																																																																																						
G	PLUG	-	-	-	-																																																																																						
H	PLUG	-	-	-	-																																																																																						
J	K92A18	20	TN	1667742C1	3568570C1																																																																																						
K	PLUG	-	-	-	-																																																																																						
BODY BUILDER CONN 2 (4706)  CONNECTOR 3538635C1 BODY LOCK 3538636C1				<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>VW92A5</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>VW92A3</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>D</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G</td><td>VW92A7</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>H</td><td>VW92A1</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>J</td><td>VW92A18</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>K</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> W/ 11/13L IBB SCR				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	VW92A5	18	TN	1661875C1	3568570C1	B	PLUG	-	-	-	-	C	VW92A3	18	TN	1661875C1	3568570C1	D	PLUG	-	-	-	-	E	PLUG	-	-	-	-	F	PLUG	-	-	-	-	G	VW92A7	18	TN	1661875C1	3568570C1	H	VW92A1	18	TN	1661875C1	3568570C1	J	VW92A18	18	TN	1661875C1	3568570C1	K	PLUG	-	-	-	-																		
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MJVO	03MAR16	INITIAL RELEASE.	A	93408S	MJVO223	CIRCUIT DIAGRAM, PAYSTAR																																																																																					
					RELEASE NO.	DATE	PART NO.																																																																																				
					93408S	20JAN16	AE08058092 99G																																																																																				

Figure 317 Connector Composites (4087 / 4705 / 4706)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.131. CONNECTOR COMPOSITES (5501 / 5701L / 6000), P. 100

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.

AFTERTREATMENT FUSE
(5501)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	K14B	10	RD	3679001C1
B	K14C	10	RD	3679001C1

CONNECTOR 3512967C1

(5701L)

CONNECTOR 1661203C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A14AN	10	RD	1661627C1

ECM CONNECTOR
(6000)

CONNECTOR 3945694C1
BODY LOCK 3743662C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	K14E	16	RD	3743666C1
2	K95DEF	16	TN	3743666C1
3	K95GB	16	TN	3743666C1
4	PLUG	-	-	-
5	K13B	18	PK	3743666C1
6	K95F	20	TN	3743668C1
7	K95GA	20	TN	3743668C1
8*	K6A	20	PL	3743668C1
8**	K6	20	PI	3743668C1
9	K99A5V	20	PL	3743668C1
10	K99	20	PI	3743668C1
11	K23B	20	TN	3743668C1
12	K97AB	20	PL	3743668C1
12**	K92A21	20	PL	3743668C1
13&	K95	20	TN	3743668C1
13@*	K95A	20	TN	3743668C1
14	PLUG	-	-	-
15	PLUG	-	-	-
16	K95K	20	TN	3743668C1
17	PLUG	-	-	-
18	PLUG	-	-	-
19	K97AA	20	PI	3743668C1
19**	K92A23	20	PL	3743668C1
20	K101	20	TN	3743668C1
21	PLUG	-	-	-
22#	K98YL2	20	YL	3743668C1
22&#	K98YL2	20	YL	3743668C1
22%	K5S(+)	20	YL	3743668C1
22%&	K5S(+)	20	YL	3743668C1

* W/CRUISE CONTROL & N/REMOTE PTO 5900

** W/CRUISE CONTROL & W/REMOTE PTO 5900

& W/FUEL/WATER SEPARATOR-DAVCO,5900

&# W/WALLISON 4000,4500,4700 RDS

% W/MANUAL TRANSMISSION

%& W/ULTRASHIFT PLUS,W/PUSH BUTTON SHIFTER

@ W/AIR CONDITIONING & N/FAN OVERRIDE & W/APADS

&@ W/AIR CONDITIONING & W/FAN OVERRIDE & W/APADS

@* W/FUEL/WATER SEPARATOR - RACOR, 5900

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
23	PLUG	-	-	-
24	PLUG	-	-	-
25	K14E	16	RD	3743666C1
26	K14D	16	RD	3743666C1
27	K14C	16	RD	3743666C1
28	K14B	16	RD	3743666C1
29	PLUG	-	-	-
30	K92A8	20	TN	3743668C1
30**	K92A8	20	PI	3743668C1
31	PLUG	-	-	-
32	K9A	20	TN	3743668C1
33	K99-G	20	PI	3743668C1
34	PLUG	-	-	-
35	K34B	20	TN	3743668C1
36	PLUG	-	-	-
37	PLUG	-	-	-
38	K95B	20	TN	3743668C1
39	K95A1	20	TN	3743668C1
40	K95C	20	TN	3743668C1
41	K95	20	TN	3743668C1
42	K95A	20	TN	3743668C1
43@	K23AC	20	TN	3743668C1
43&@	K23AC	20	TN	3743668C1
43	K23C	20	TN	3743668C1
44	K97AL	20	PI	3743668C1
45	PLUG	-	-	-
46#	K98GN2	20	LT GN	3743668C1
46&#	K98GN2	20	LT GN	3743668C1
46%	K5S(-)	20	LT GN	3743668C1
46%&	K5S(-)	20	LT GN	3743668C1
47	PLUG	-	-	-
48	K97ML	18	PI	3743666C1
49	K10-GI	16	WH	3743666C1
50	K10-GK	16	WH	3743666C1
51	K10-GH	16	WH	3743666C1
52	K10-GG	16	WH	3743666C1
53	K95(-)	18	TN	3743666C1
54	K95E	20	TN	3743668C1
55	PLUG	-	-	-
56	PLUG	-	-	-
57	K95AA	20	TN	3743668C1
58	PLUG	-	-	-
59	K47AA	20	GY	3743668C1
60	K47B	20	GY	3743668C1

CONTINUED TO SHEET 101

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0488	09SEP15	ADDED R/D 5701L.	D	93248U	300371	CIRCUIT DIAGRAM, PAYSTAR
					RELEASE NO.	DATE
					61879Y	17SEP09
					PART NO.	AE08058092
						SHEET 100

Figure 318 Connector Composites (5501 / 5701L / 6000)

13.132. CONNECTOR COMPOSITES (6000 / 6001), P. 101

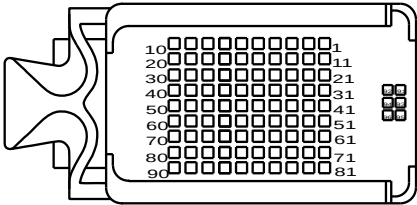
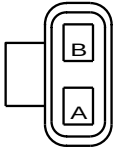
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																																																																																																										
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64	K99D	20	PL	3743668C1																																																																																																																																																																																													
65	K41	20	LT GN	3743668C1																																																																																																																																																																																													
66	PLUG	-	-	-																																																																																																																																																																																													
67	K92A18	20	TN	3743668C1																																																																																																																																																																																													
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77	K95(+)	18	BN	3743666C1																																																																																																																																																																																													
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83	PLUG	-	-	-																																																																																																																																																																																													
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86	K24AE	20	GY	3743668C1																																																																																																																																																																																													
87	PLUG	-	-	-																																																																																																																																																																																													
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91	PLUG	-	-	-																																																																																																																																																																																													
92	K97AH	20	PL	3743668C1																																																																																																																																																																																													
93	PLUG	-	-	-																																																																																																																																																																																													
94	K92A10	20	TN	3743668C1																																																																																																																																																																																													
95	PLUG	-	-	-																																																																																																																																																																																													
96	PLUG	-	-	-																																																																																																																																																																																													
ECM IGN 5A FUSE (6001)  CONNECTOR 1667639C1					<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>K13B</td><td>18</td><td>PK</td><td>3895713C1</td></tr> <tr><td>B</td><td>K13C</td><td>18</td><td>PK</td><td>3895713C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K13B	18	PK	3895713C1	B	K13C	18	PK	3895713C1																																																																																																																																																																										
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																																																																																																																											
012	17APR13	REVISED & UPDATED.	C	91786V	300371	CIRCUIT DIAGRAM, PAYSTAR																																																																																																																																																																																											
					RELEASE NO.	DATE	PART NO.	SHEET																																																																																																																																																																																									
					61879Y	17SEP09	AE08058092	101																																																																																																																																																																																									

Figure 319 Connector Composites (6000 / 6001)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.133. CONNECTOR COMPOSITES (6018), P. 102

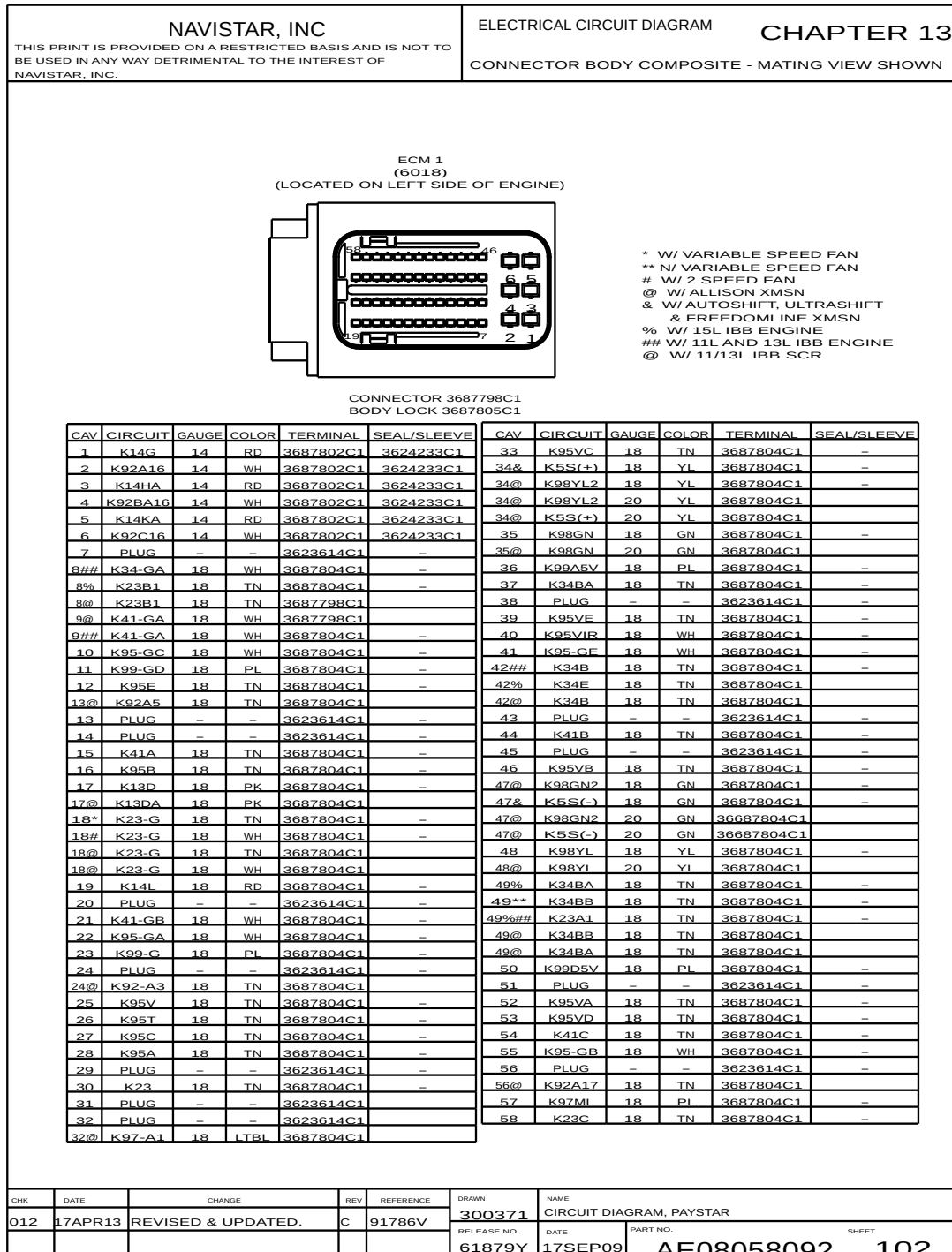


Figure 320 Connector Composites (6018)

13.134. CONNECTOR COMPOSITES (6019), P. 103

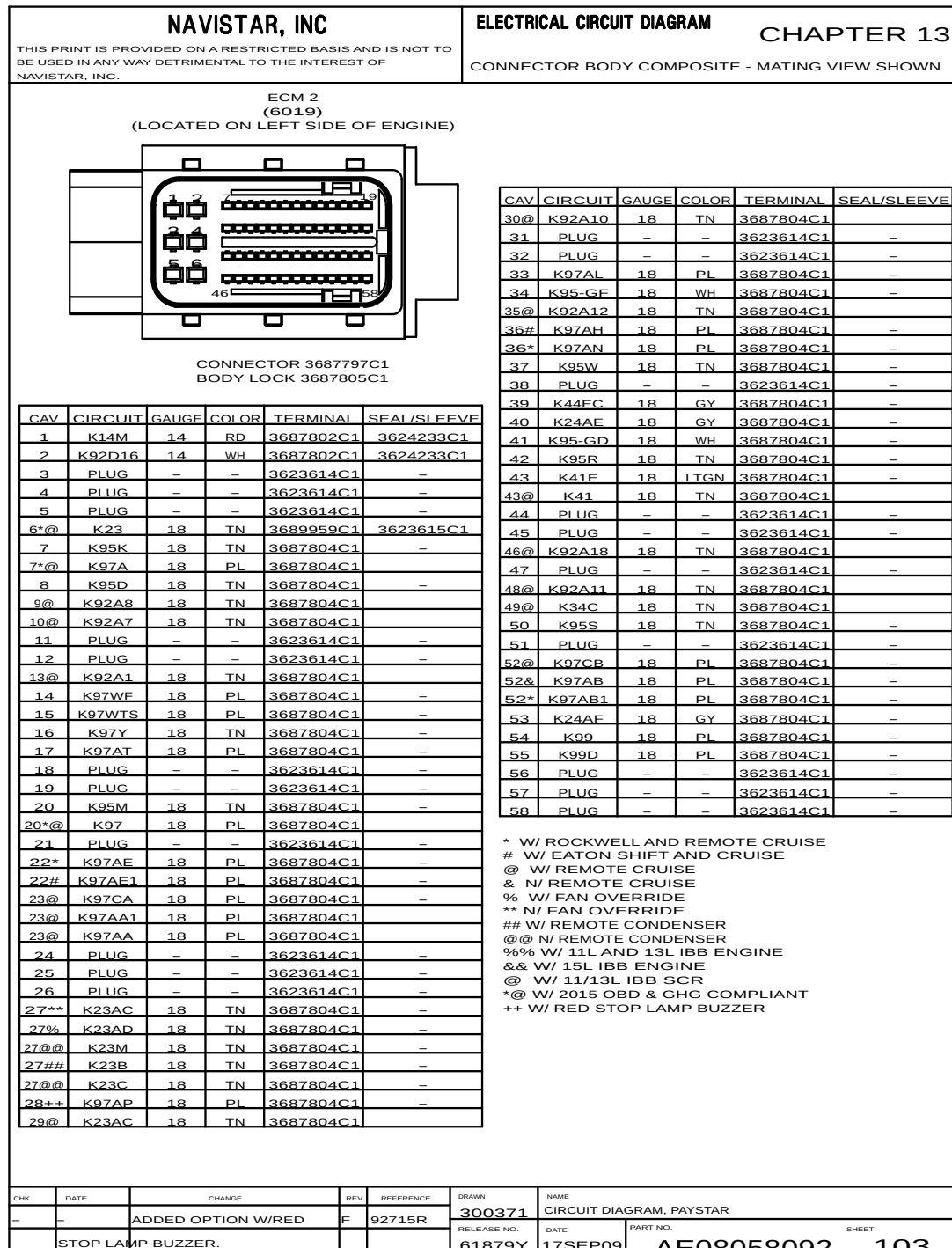


Figure 321 Connector Composites (6019)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.135. CONNECTOR COMPOSITES (6033 / 6200 / 6195), P. 104

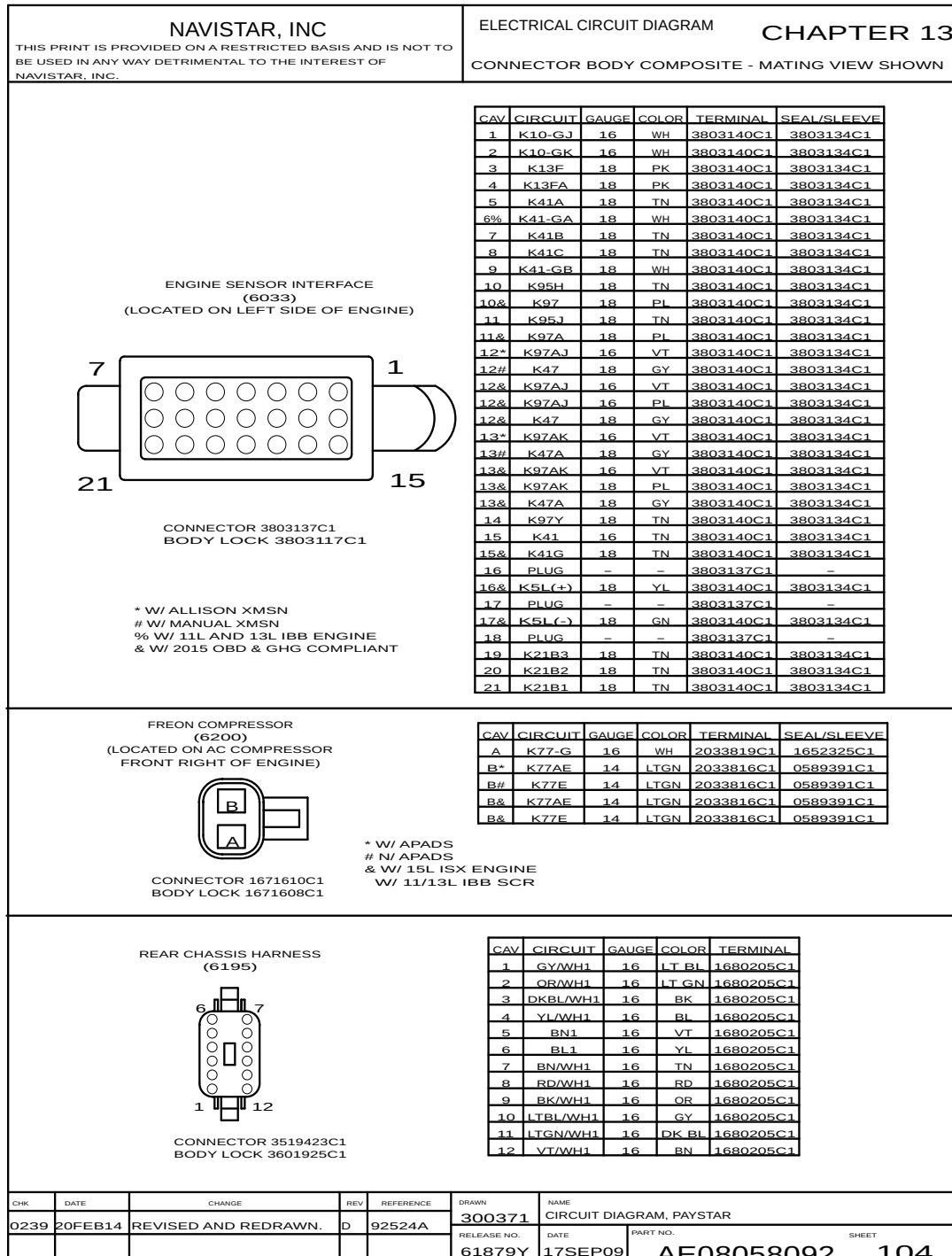


Figure 322 Connector Composites (6033 / 6200 / 6195)

13.136. CONNECTOR COMPOSITES (6260VH / 6260VL / 6260VM / 6260VN / 6401 / 6300), P. 105

NAVISTAR, INC

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN

HCI INJECTOR DOSING VALVE
(6260VH)
(LOCATED ON LEFT SIDE OF ENGINE)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	K95H	18	TN	3689960C1	3623615C1
2	K95J	18	TN	3689960C1	3623615C1

CONNECTOR 3690364C1

HCI FUEL SHUT OFF VALVE
(6260VL)
(LOCATED ON LEFT SIDE OF ENGINE)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	K95K	18	TN	3689960C1	3623615C1
2	K95M	18	TN	3689960C1	3623615C1

CONNECTOR 3689957C1

AFTERTREATMENT FUEL TEMP
& PRESSURE
(6260VM)
(LOCATED ON LEFT SIDE OF ENGINE)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	K95-GE	18	WH	3689959C1	3623615C1
2	K95T	18	TN	3689959C1	3623615C1
3	K95DC	18	TN	3689959C1	3623615C1
4	K95V	18	TN	3689959C1	3623615C1

CONNECTOR 3689956C1

EXHAUST LAMBDA SENSOR
(6260VN)
(LOCATED ON LEFT SIDE OF ENGINE)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	K95VA	18	TN	3693147C1	3573653C1
2	K95VJR	18	WH	3693147C1	3573653C1
3	K95VB	18	TN	3693147C1	3573653C1
4	K95VC	18	TN	3693147C1	3573653C1
5	K95VD	18	TN	3693147C1	3573653C1
6	K95VE	18	TN	3693147C1	3573653C1

CONNECTOR 3691136C1

COOLANT LEVEL SENSOR
(6401)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K34E	18	TN	2033819C1	3517771C1
B	K34F	18	TN	2033819C1	3517771C1

CONNECTOR 1671610C1

VARIABLE SPEED FAN
(6300)
(LOCATED ON FRONT OF RADIATOR)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	K23-G	18	TN	3555249C1
2	K23A1	18	TN	3555249C1
3	K23	18	TN	3555249C1
4	K23B1	18	TN	3555249C1
5	K23C	18	TN	3555249C1
6	PLUG	-	-	3527276C1

CONNECTOR 3579124C1
BODY LOCK 3579126C1

W/ 15L IBB ENGINE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	PART NO.	SHEET
012	17APR13	REVISED & UPDATED.	C	91786V	300371	CIRCUIT DIAGRAM, PAYSTAR	AE08058092	105
					RELEASE NO.	DATE		
					61879Y	17SEP09		

Figure 323 Connector Composites (6260VH / 6260VL / 6260VM / 6260VN / 6401 / 6300)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.137. CONNECTOR COMPOSITES (6420 / 6703 / 6704B / 6704D), P. 106

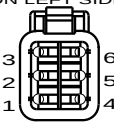
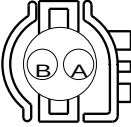
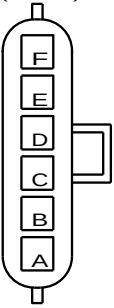
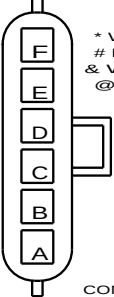
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																					
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VARIABLE SPEED FAN (6420) (LOCATED ON LEFT SIDE OF ENGINE)  CONNECTOR 3579124C1 BODY LOCK 3579126C1				<table 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>K23-G</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>2</td><td>K23A1</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>3</td><td>K23</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>4</td><td>K23B1</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>5</td><td>K23C</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K23-G	18	TN	3518963C1	2	K23A1	18	TN	3518963C1	3	K23	18	TN	3518963C1	4	K23B1	18	TN	3518963C1	5	K23C	18	TN	3518963C1	6	PLUG	-	-	3527276C1																																																	
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6	PLUG	-	-	3527276C1																																																																																							
INTAKE AIR TEMPERATURE SENSOR (6703) (LOCATED ON AIR FILTER HOUSING)  CONNECTOR 1689462C1 BODY LOCK 1689463C1				<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>K41</td><td>16</td><td>TN</td><td>1689464C1</td></tr> <tr><td>B</td><td>K41-GC</td><td>16</td><td>WH</td><td>1689464C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K41	16	TN	1689464C1	B	K41-GC	16	WH	1689464C1																																																																					
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GROUND ADAPTER (6704B)  CONNECTOR 3551896C1 BODY LOCK 3551897C1				W/ 11L AND 13L IBB ENGINE <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>K10-GB</td><td>10</td><td>WH</td><td>1687847C1</td><td>0589390C1</td></tr> <tr><td>B*</td><td>K31-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B#</td><td>K31-G</td><td>16</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B&</td><td>K31-G</td><td>16</td><td>WH</td><td>2033819C2</td><td>1652325C2</td></tr> <tr><td>B&</td><td>K31-G</td><td>16</td><td>TN</td><td>2033819C3</td><td>1652325C3</td></tr> <tr><td>C</td><td>K77-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>D</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr> <tr><td>E</td><td>K30-GB</td><td>16</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>F</td><td>K97-GC</td><td>18</td><td>VT</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table> * W/ ALLISON XMSN # N/ ALLISON XMSN & W/ 11/13L IBB SCR				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K10-GB	10	WH	1687847C1	0589390C1	B*	K31-G	16	WH	2033819C1	1652325C1	B#	K31-G	16	TN	2033819C1	1652325C1	B&	K31-G	16	WH	2033819C2	1652325C2	B&	K31-G	16	TN	2033819C3	1652325C3	C	K77-G	16	WH	2033819C1	1652325C1	D	PLUG	-	-	0587579C1	-	E	K30-GB	16	TN	2033819C1	1652325C1	F	K97-GC	18	VT	2033819C1	1652325C1																								
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B&	K31-G	16	WH	2033819C2	1652325C2																																																																																						
B&	K31-G	16	TN	2033819C3	1652325C3																																																																																						
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D	PLUG	-	-	0587579C1	-																																																																																						
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F	K97-GC	18	VT	2033819C1	1652325C1																																																																																						
GROUND ADAPTER (6704D)  CONNECTOR 3551896C1 BODY LOCK 3551897C1				W/ 15L IBB ENGINE <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>K10-GB</td><td>10</td><td>WH</td><td>1687847C1</td><td>0589390C1</td></tr> <tr><td>A&</td><td>K13DA</td><td>18</td><td>PK</td><td>2033819C1</td><td>3517771C1</td></tr> <tr><td>B*</td><td>K31-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B#</td><td>K31-G</td><td>16</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B@</td><td>K31-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B&</td><td>K13D</td><td>18</td><td>PK</td><td>2033819C1</td><td>3517771C1</td></tr> <tr><td>C</td><td>K77-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>C&</td><td>K95-PG</td><td>18</td><td>RD</td><td>2033819C1</td><td>3517771C1</td></tr> <tr><td>D</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr> <tr><td>D@</td><td>K31-G</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>E</td><td>K30-GB</td><td>16</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>E@</td><td>K30-GB</td><td>18</td><td>TN</td><td>2033819C1</td><td>3517771C1</td></tr> <tr><td>F</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr> </tbody> </table> * W/ ALLISON XMSN # N/ ALLISON XMSN & W/ 11/13L IBB SCR @ W/ 15L ISX 2013				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K10-GB	10	WH	1687847C1	0589390C1	A&	K13DA	18	PK	2033819C1	3517771C1	B*	K31-G	16	WH	2033819C1	1652325C1	B#	K31-G	16	TN	2033819C1	1652325C1	B@	K31-G	16	WH	2033819C1	1652325C1	B&	K13D	18	PK	2033819C1	3517771C1	C	K77-G	16	WH	2033819C1	1652325C1	C&	K95-PG	18	RD	2033819C1	3517771C1	D	PLUG	-	-	0587579C1	-	D@	K31-G	18	GY	2033819C1	1652325C1	E	K30-GB	16	TN	2033819C1	1652325C1	E@	K30-GB	18	TN	2033819C1	3517771C1	F	PLUG	-	-	0587579C1	-
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Figure 324 Connector Composites (6420 / 6703 / 6704B / 6704D)

13.138. CONNECTOR COMPOSITES (6705B / 6715), P. 107

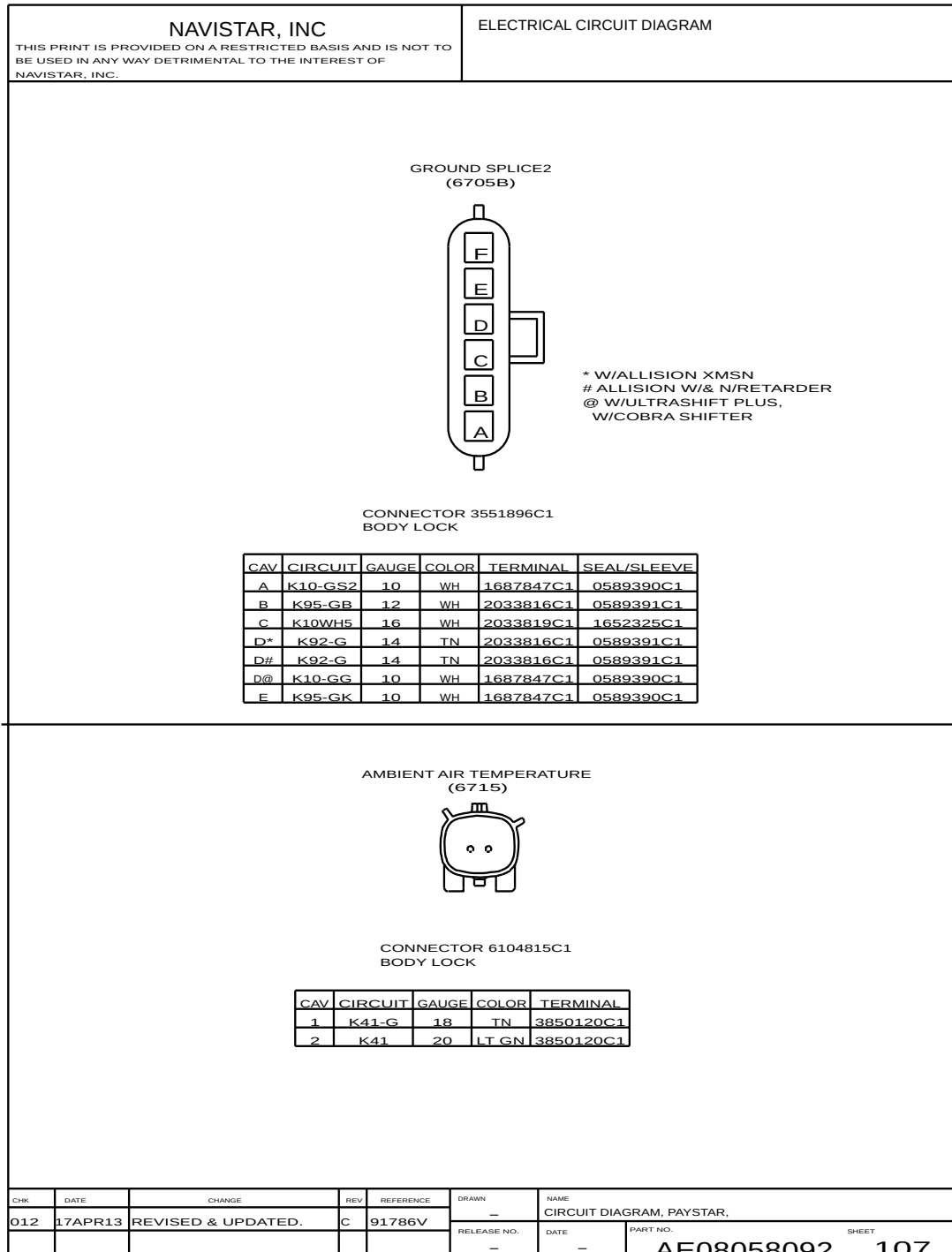


Figure 325 Connector Composites (6705B / 6715)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.139. CONNECTOR COMPOSITES (6720 / 6720A), P. 108

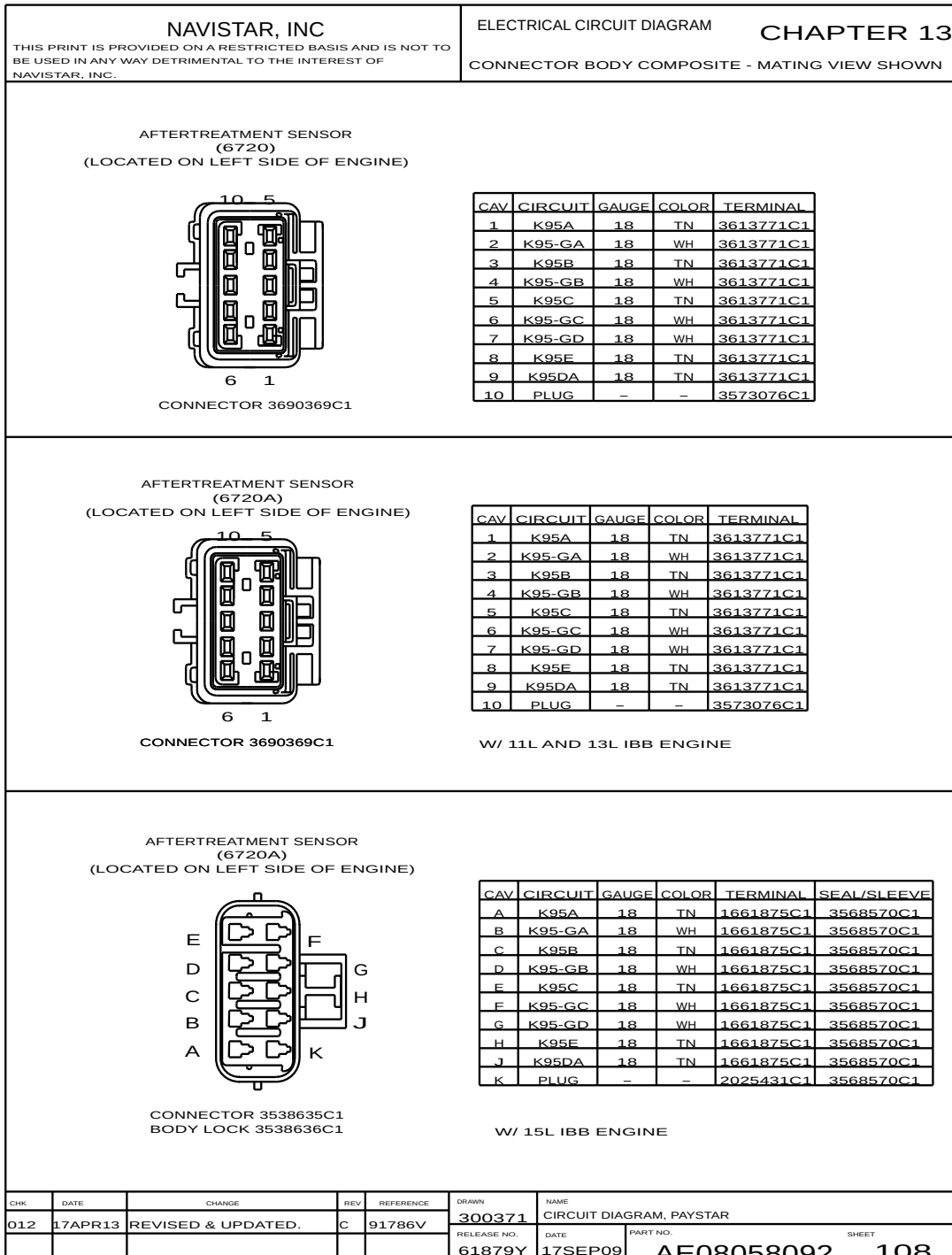


Figure 326 Connector Composites (6720 / 6720A)

13.140. CONNECTOR COMPOSITES (6720B / 6730 / 6748 / 7000), P. 109

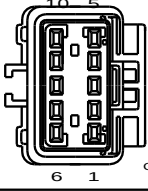
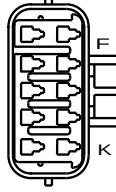
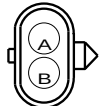
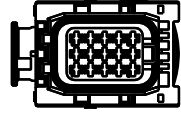
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Figure 327 Connector Composites (6720B / 6730 / 6748 / 7000)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.141. CONNECTOR COMPOSITES (7104 / 7001), P. 110

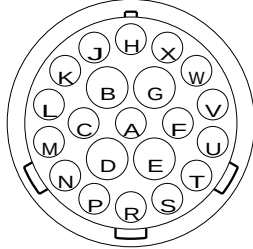
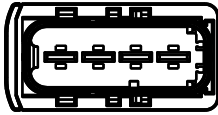
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						AE08058092																																																																																																																
						SHEET																																																																																																																
						110																																																																																																																

Figure 328 Connector Composites (7104 / 7001)

13.142. CONNECTOR COMPOSITES (7105 / 7110), P. 111

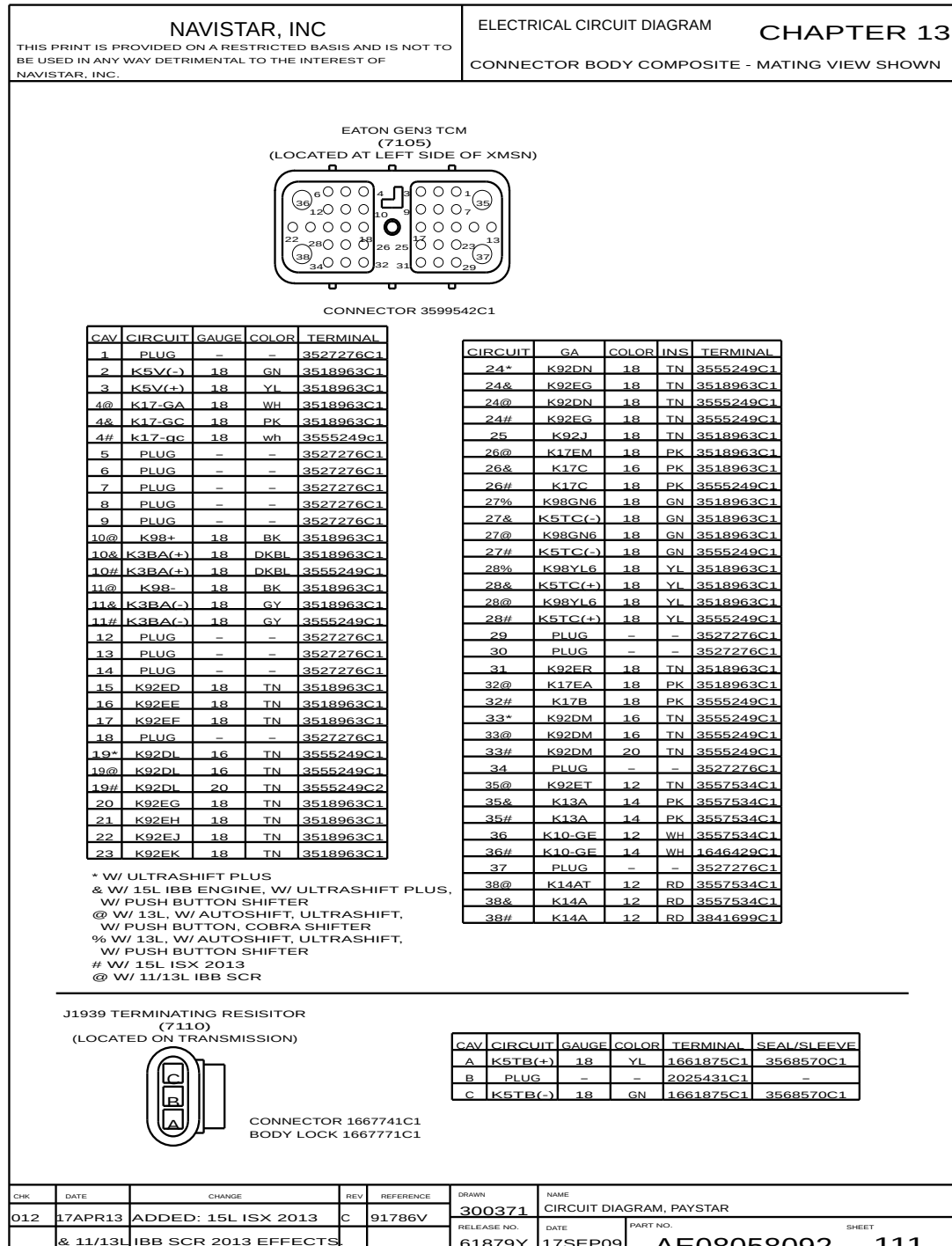


Figure 329 Connector Composites (7105 / 7110)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.143. CONNECTOR COMPOSITES (7150), P. 112

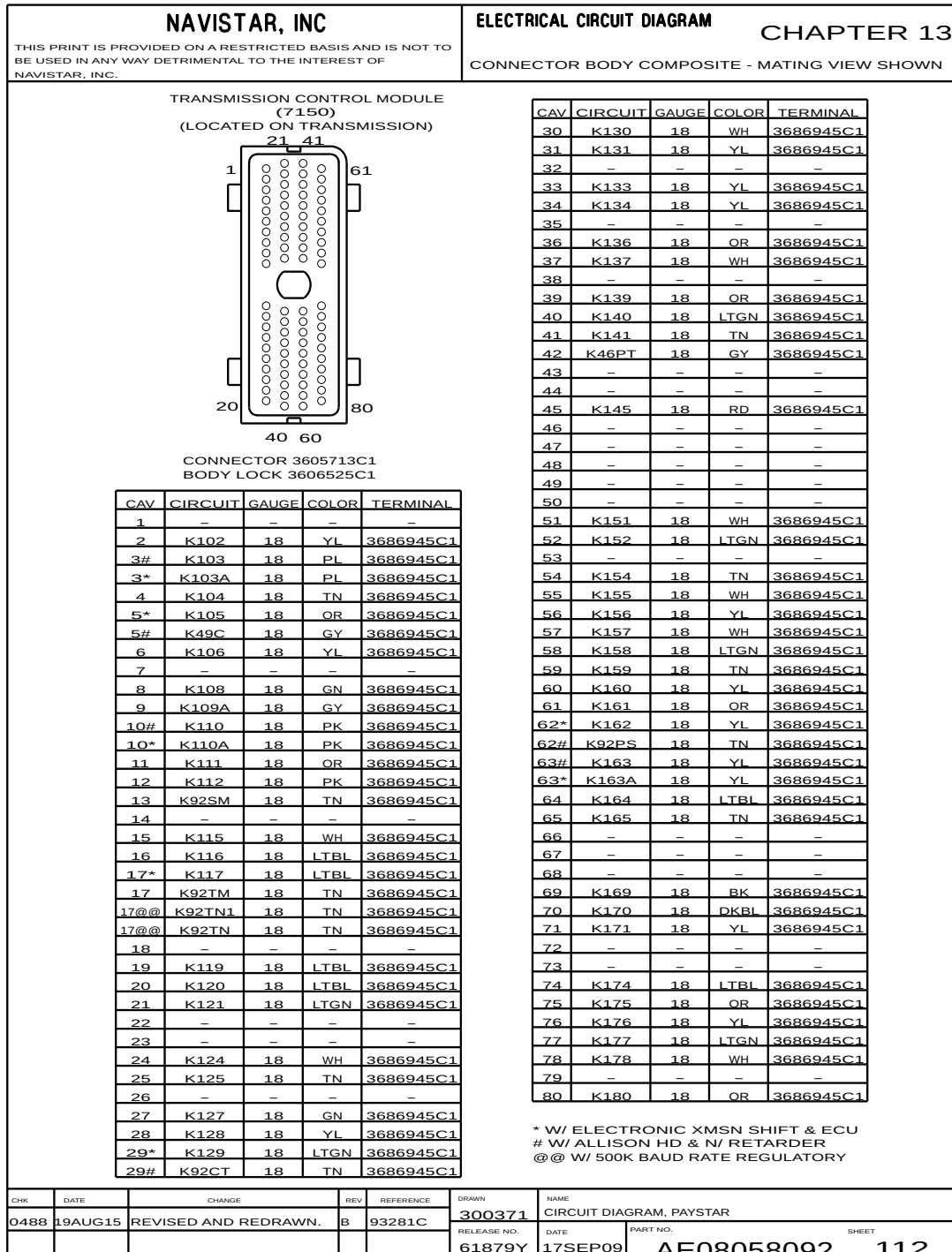
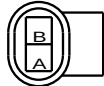
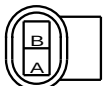
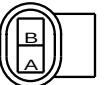
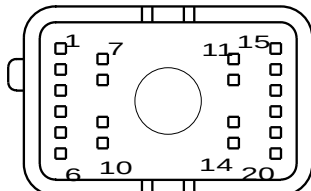


Figure 330 Connector Composites (7150)

13.144. CONNECTOR COMPOSITES (7211 / 7212 / 7213 / 7250), P. 113

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 COMPOSITE - MATING VIEW SHOWN																																																																																																																											
RETARDER TEMPERATURE SOLENOID (7211) 				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>A</td> <td>K175</td> <td>18</td> <td>OR</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>K158C</td> <td>18</td> <td>LTGN</td> <td>2036586C1</td> </tr> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K175	18	OR	2036586C1	B	K158C	18	LTGN	2036586C1																																																																																																									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																																											
A	K175	18	OR	2036586C1																																																																																																																											
B	K158C	18	LTGN	2036586C1																																																																																																																											
CONNECTOR 3524377C1																																																																																																																															
RETARDER ACCUMULATOR SOLENOID (7212) 				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>A</td> <td>K119</td> <td>18</td> <td>LTBL</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>K131A</td> <td>18</td> <td>YL</td> <td>2036586C1</td> </tr> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K119	18	LTBL	2036586C1	B	K131A	18	YL	2036586C1																																																																																																									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																																											
A	K119	18	LTBL	2036586C1																																																																																																																											
B	K131A	18	YL	2036586C1																																																																																																																											
CONNECTOR 3524378C1																																																																																																																															
RETARDER SOLENOID (7213) 				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>A</td> <td>K115</td> <td>18</td> <td>WH</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>K131B</td> <td>18</td> <td>YL</td> <td>2036586C1</td> </tr> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K115	18	WH	2036586C1	B	K131B	18	YL	2036586C1																																																																																																									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																																											
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B	K131B	18	YL	2036586C1																																																																																																																											
CONNECTOR 2036584C1																																																																																																																															
TRANSMISSION BULKHEAD (7250) (LOCATED ON REAR RIGHT ON TRANSMISSION) 				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr><td>1</td><td>K111</td><td>18</td><td>OR</td><td>3686945C1</td></tr> <tr><td>2</td><td>K155</td><td>18</td><td>WH</td><td>3686945C1</td></tr> <tr><td>3</td><td>K177</td><td>18</td><td>LTGN</td><td>3686945C1</td></tr> <tr><td>4</td><td>K136</td><td>18</td><td>OR</td><td>3686945C1</td></tr> <tr><td>5</td><td>K152</td><td>18</td><td>LTGN</td><td>3686945C1</td></tr> <tr><td>6</td><td>K171</td><td>18</td><td>YL</td><td>3686945C1</td></tr> <tr><td>7@</td><td>K178</td><td>18</td><td>WH</td><td>3686945C1</td></tr> <tr><td>8</td><td>K174</td><td>18</td><td>LTBL</td><td>3686945C1</td></tr> <tr><td>9</td><td>K133</td><td>18</td><td>YL</td><td>3686945C1</td></tr> <tr><td>10</td><td>K151</td><td>18</td><td>WH</td><td>3686945C1</td></tr> <tr><td>11#</td><td>K131</td><td>18</td><td>YL</td><td>3686945C1</td></tr> <tr><td>11*</td><td>K131C</td><td>18</td><td>YL</td><td>3686945C1</td></tr> <tr><td>12</td><td>K137</td><td>18</td><td>WH</td><td>3686945C1</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> <tr><td>15</td><td>K116</td><td>18</td><td>LTBL</td><td>3686945C1</td></tr> <tr><td>16#</td><td>K112</td><td>18</td><td>PK</td><td>3686945C1</td></tr> <tr><td>16*</td><td>K112B</td><td>18</td><td>PK</td><td>3686945C1</td></tr> <tr><td>17@</td><td>K119</td><td>18</td><td>LTBL</td><td>3686945C1</td></tr> <tr><td>18</td><td>K154</td><td>18</td><td>TN</td><td>3686945C1</td></tr> <tr><td>19#</td><td>K158</td><td>18</td><td>LTGN</td><td>3686945C1</td></tr> <tr><td>19*</td><td>K158B</td><td>18</td><td>LTGN</td><td>3686945C1</td></tr> <tr><td>20</td><td>K176</td><td>18</td><td>YL</td><td>3686945C1</td></tr> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K111	18	OR	3686945C1	2	K155	18	WH	3686945C1	3	K177	18	LTGN	3686945C1	4	K136	18	OR	3686945C1	5	K152	18	LTGN	3686945C1	6	K171	18	YL	3686945C1	7@	K178	18	WH	3686945C1	8	K174	18	LTBL	3686945C1	9	K133	18	YL	3686945C1	10	K151	18	WH	3686945C1	11#	K131	18	YL	3686945C1	11*	K131C	18	YL	3686945C1	12	K137	18	WH	3686945C1	13	-	-	-	-	14	-	-	-	-	15	K116	18	LTBL	3686945C1	16#	K112	18	PK	3686945C1	16*	K112B	18	PK	3686945C1	17@	K119	18	LTBL	3686945C1	18	K154	18	TN	3686945C1	19#	K158	18	LTGN	3686945C1	19*	K158B	18	LTGN	3686945C1	20	K176	18	YL	3686945C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																																											
1	K111	18	OR	3686945C1																																																																																																																											
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6	K171	18	YL	3686945C1																																																																																																																											
7@	K178	18	WH	3686945C1																																																																																																																											
8	K174	18	LTBL	3686945C1																																																																																																																											
9	K133	18	YL	3686945C1																																																																																																																											
10	K151	18	WH	3686945C1																																																																																																																											
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12	K137	18	WH	3686945C1																																																																																																																											
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16#	K112	18	PK	3686945C1																																																																																																																											
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20	K176	18	YL	3686945C1																																																																																																																											
CONNECTOR 3605715C1 BODY LOCK 3606532C1				* W/ RETARDER # N/ RETARDER @ W/ 15L IBB ENGINE																																																																																																																											

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0486	30DEC11	ADDED CIRCUITS K178, K119 FOR R/D 7250 CAV 7, 17.	B	80616P	300371	CIRCUIT DIAGRAM, PAYSTAR
					RELEASE NO.	DATE
					61879Y	17SEP09
					PART NO.	SHEET
					AE08058092	113

Figure 331 Connector Composites (7211 / 7212 / 7213 / 7250)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.145. CONNECTOR COMPOSITES (7500W / 7501 / 7600 / 7601 / 7603 / 7608), P. 114

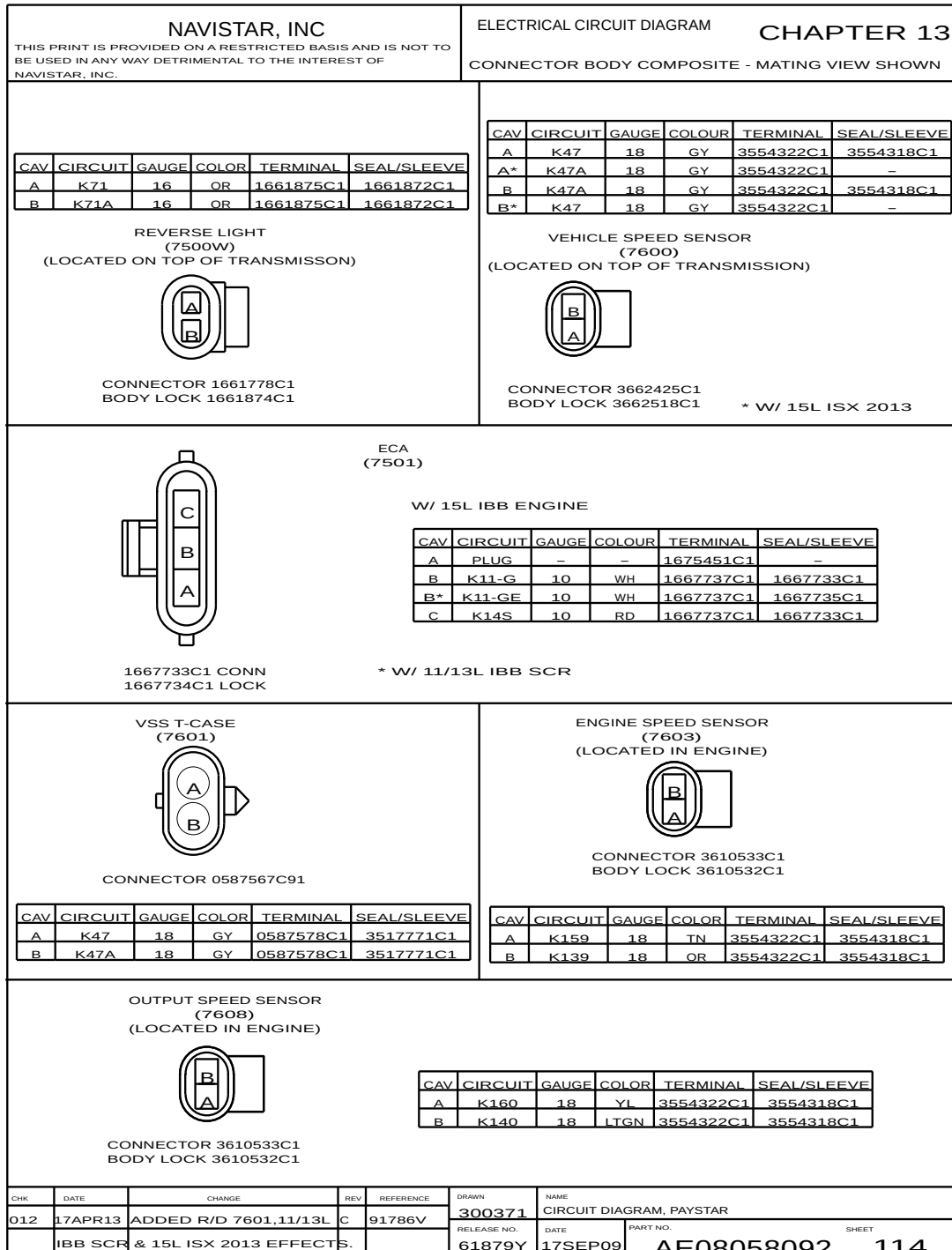


Figure 332 Connector Composites (7500W / 7501 / 7600 / 7601 / 7603 / 7608)

13.146. CONNECTOR COMPOSITES (7615 / 7704 / 7905), P. 115

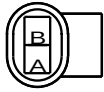
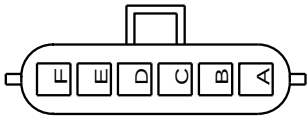
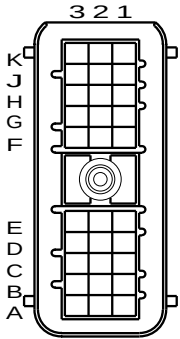
NAVISTAR, INC THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																																																																																														
TURBINE SPEED SENSOR (7615) (LOCATED IN ENGINE)  CONNECTOR 3610533C1 BODY LOCK 3610532C1				<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>K180</td> <td>18</td> <td>OR</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>B</td> <td>K120</td> <td>18</td> <td>LTBL</td> <td>3554322C1</td> <td>3554318C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K180	18	OR	3554322C1	3554318C1	B	K120	18	LTBL	3554322C1	3554318C1																																																																																																																																									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																																																																																													
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B	K120	18	LTBL	3554322C1	3554318C1																																																																																																																																																													
ECM SWITCH GND SPLICE (7704)  CONNECTOR 3551896C1 BODY LOCK 3551897C1				<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>K95G</td> <td>18</td> <td>TN</td> <td>2033819C1</td> <td>3517771C1</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>K41-G</td> <td>18</td> <td>TN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>D*</td> <td>K95-GG</td> <td>18</td> <td>TN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>D#</td> <td>K95-GF</td> <td>18</td> <td>TN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>E</td> <td>K23-G</td> <td>18</td> <td>PK</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>F</td> <td>K95AC</td> <td>18</td> <td>TN</td> <td>2033819C1</td> <td>3517771C1</td> </tr> </tbody> </table> * W/ FUEL/WATER SEPARATOR - RACOR, 5900 # W/ FUEL/WATER SEPARATOR - DAVCO, 5900				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K95G	18	TN	2033819C1	3517771C1	B	PLUG	-	-	-	-	C	K41-G	18	TN	2033819C1	1652325C1	D*	K95-GG	18	TN	2033819C1	1652325C1	D#	K95-GF	18	TN	2033819C1	1652325C1	E	K23-G	18	PK	2033819C1	1652325C1	F	K95AC	18	TN	2033819C1	3517771C1																																																																																																											
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C	K41-G	18	TN	2033819C1	1652325C1																																																																																																																																																													
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D#	K95-GF	18	TN	2033819C1	1652325C1																																																																																																																																																													
E	K23-G	18	PK	2033819C1	1652325C1																																																																																																																																																													
F	K95AC	18	TN	2033819C1	3517771C1																																																																																																																																																													
AUTOSHIFT SELECTOR (7905)  CONNECTOR 3554089C1				<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>A1</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>A2</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>A3</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>B1</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>B2</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>B3</td><td>62Y</td><td>16</td><td>DKBL</td><td>3554090C1</td></tr> <tr><td>C1</td><td>92ER</td><td>16</td><td>TN</td><td>3554090C1</td></tr> <tr><td>C2</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>C3</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>D1</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>D2</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>D3</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>E1</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>E2</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>E3</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>F1</td><td>98YL4(+)</td><td>18</td><td>YL</td><td>3565443C1</td></tr> <tr><td>F2</td><td>98YL4(+)</td><td>18</td><td>GN</td><td>3565443C1</td></tr> <tr><td>F3</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>G1</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>G2</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>G3</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>H1</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>H2</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>H3</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>J1</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>J2</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>J3</td><td>92EL</td><td>16</td><td>TN</td><td>3554090C1</td></tr> <tr><td>K1</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>K2</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>K3</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A1	PLUG	-	-	3554386C1	A2	PLUG	-	-	3554386C1	A3	PLUG	-	-	3554386C1	B1	PLUG	-	-	3554386C1	B2	PLUG	-	-	3554386C1	B3	62Y	16	DKBL	3554090C1	C1	92ER	16	TN	3554090C1	C2	PLUG	-	-	3554386C1	C3	PLUG	-	-	3554386C1	D1	PLUG	-	-	3554386C1	D2	PLUG	-	-	3554386C1	D3	PLUG	-	-	3554386C1	E1	PLUG	-	-	3554386C1	E2	PLUG	-	-	3554386C1	E3	PLUG	-	-	3554386C1	F1	98YL4(+)	18	YL	3565443C1	F2	98YL4(+)	18	GN	3565443C1	F3	PLUG	-	-	3554386C1	G1	PLUG	-	-	3554386C1	G2	PLUG	-	-	3554386C1	G3	PLUG	-	-	3554386C1	H1	PLUG	-	-	3554386C1	H2	PLUG	-	-	3554386C1	H3	PLUG	-	-	3554386C1	J1	PLUG	-	-	3554386C1	J2	PLUG	-	-	3554386C1	J3	92EL	16	TN	3554090C1	K1	PLUG	-	-	3554386C1	K2	PLUG	-	-	3554386C1	K3	PLUG	-	-	3554386C1
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Figure 333 Connector Composites (7615 / 7704 / 7905)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.147. CONNECTOR COMPOSITES (8102 / 8103 / 8104 / 8107 / 8410), P. 116

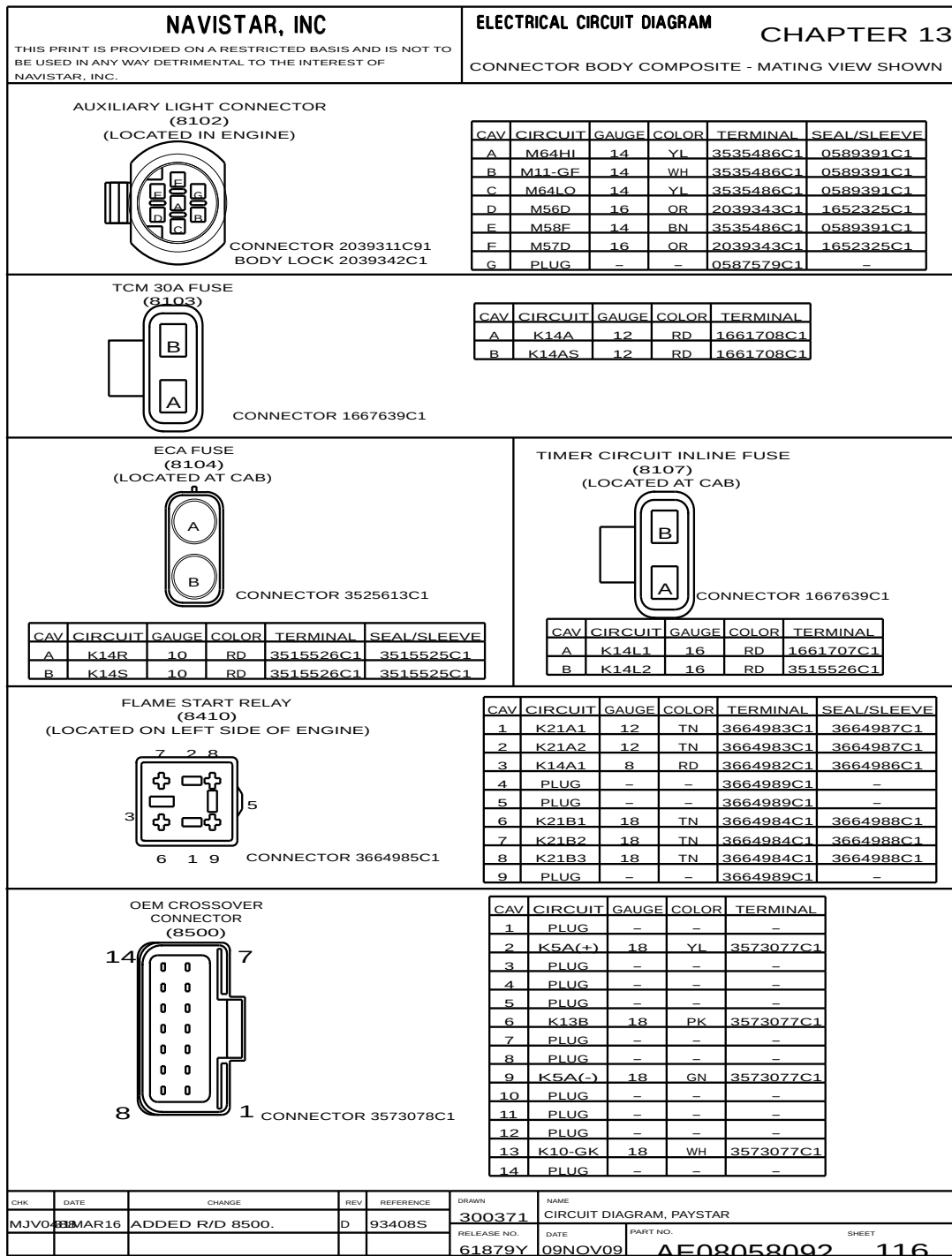


Figure 334 Connector Composites (8102 / 8103 / 8104 / 8107 / 8410)

13.148. CONNECTOR COMPOSITES (8500 / 9762 / 9763 / 9764 / 9765 / 9766), P. 117

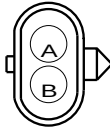
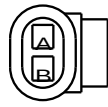
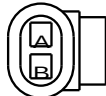
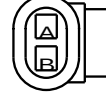
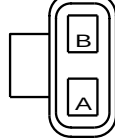
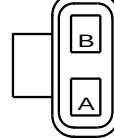
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13									
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN														
FIRST PUSHER / TAG AXLE (9762) (LOCATED NEAR REAR AXLE)					FIRST PUSHER / TAG AXLE (9762) (LOCATED NEAR REAR AXLE)														
																			
CONNECTOR 0587567C91					CONNECTOR 1661778C1 BODY LOCK 1661874C1														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE			
A	A59MB	18	GY	0587578C1	1652325C1	A	A59MB	18	GY	1661875C1	1661872C1	A	A59MB	18	GY	1661875C1	1661872C1		
B	A59-GS	18	WH	0587578C1	1652325C1	B%	A59-GM	18	WH	1661875C1	1661872C1	B%	A59-GS	18	WH	1661875C1	1661872C1		
% MUTUALLY EXCLUSIVE																			
SECOND PUSHER / TAG AXLE (9763) (LOCATED NEAR REAR AXLE)					THIRD PUSHER / TAG AXLE (9764) (LOCATED NEAR REAR AXLE)														
																			
CONNECTOR 1661778C1 BODY LOCK 1661874C1					CONNECTOR 1661778C1 BODY LOCK 1661874C1														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE			
A	A59NB	18	GY	1661875C1	1661872C1	A	A59PB	18	GY	1661875C1	1661872C1	A	A59PB	18	GY	1661875C1	1661872C1		
B	A59-GN	18	WH	1661875C1	1661872C1	B	A59-GP	18	WH	1661875C1	1661872C1	B	A59-GP	18	WH	1661875C1	1661872C1		
DEF GAUGE IGN FEED (9765)					DEF GAUGE BATTERY FEED (9766)														
																			
CONNECTOR 1667639C1					CONNECTOR 1667639C1														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A28NA	18	TN	3895713C1	A	A28N	18	TN	3895713C1	A	A28N	18	TN	3895713C1	A	A12P	18	LT BL	3895713C1
B	A14NA	18	RD	3895713C1	B	A13NA	18	PK	3895713C1	B	A12S	18	LT BL	3895713C1	B	A12S	18	LT BL	3895713C1
BODY CTRL BATT FEED (9767)					BODY CTRL ACC FEED (9768)														
																			
CONNECTOR 3512967C1					CONNECTOR 3565207C1														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A*	A14N	10	RD	3679001C1	A	A12P	18	LT BL	3895713C1	A	A12P	18	LT BL	3895713C1	A	A12P	18	LT BL	3895713C1
A*	A14N	10	GY	3679001C1	B	A12S	18	LT BL	3895713C1	B	A12S	18	LT BL	3895713C1	B	A12S	18	LT BL	3895713C1
B	A14P	10	RD	3679001C1															
* MUTUALLY EXCLUSIVE																			
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME													
MJVO	03MAR16	ADDED R/D 9767,9768	C	93408S	300011	CIRCUIT DIAGRAM, PAYSTAR													
					RELEASE NO.	DATE	PART NO.	SHEET											
		AND RMYD R/D 8500.			80616P	20JUN11	AE08058092	117											

Figure 335 Connector Composites (8500 / 9762 / 9763 / 9764 / 9765 / 9766)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.149. CONNECTOR COMPOSITES (351A / 352A / 353A / 354A), P. 118

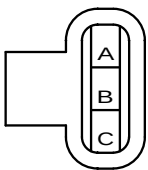
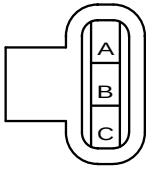
NAVISTAR, INC THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																											
BENDIX LEFT REAR REAR WHEEL SPEED SENSOR (351A)  CONNECTOR 3539777C1 BODY LOCK 3539784C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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>GY/WH2</td> <td>16</td> <td>GY</td> <td>1651969C1</td> </tr> <tr> <td>2</td> <td>OR/WH2</td> <td>16</td> <td>OR</td> <td>1651969C1</td> </tr> </tbody> </table>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	GY/WH2	16	GY	1651969C1	2	OR/WH2	16	OR	1651969C1									
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2	YL/WH2	16	YL	1651969C1																															
BENDIX LEFT REAR REAR MODULATOR VALVE (353A)  CONNECTOR 1686834C1 BODY LOCK 1664408C1 <table border="1" style="width: 100%; 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/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>VT/WH2</td> <td>16</td> <td>VT</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>LTGN/WH2</td> <td>16</td> <td>LTGN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>LTBL/WH2</td> <td>16</td> <td>LTBL</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	A	VT/WH2	16	VT	2033819C1	1652325C1	B	LTGN/WH2	16	LTGN	2033819C1	1652325C1	C	LTBL/WH2	16	LTBL	2033819C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV																														
A	VT/WH2	16	VT	2033819C1	1652325C1																														
B	LTGN/WH2	16	LTGN	2033819C1	1652325C1																														
C	LTBL/WH2	16	LTBL	2033819C1	1652325C1																														
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV																														
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B	RD/WH2	16	RD	2033819C1	1652325C1																														
C	BN/WH2	16	BN	2033819C1	1652325C1																														
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																													
012	15JAN13	INITIAL RELEASE.	A	91749L	310706	CIRCUIT DIAGRAM, PAYSTAR																													
					RELEASE NO.	DATE	PART NO.	SHEET																											
					91749L	07JAN13	AE08058092	118																											

Figure 336 Connector Composites (351A / 352A / 353A / 354A)

13.150. CONNECTOR COMPOSITES (445 / 453 / 580M / 690A), P. 119

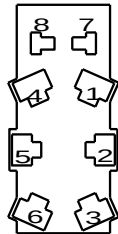
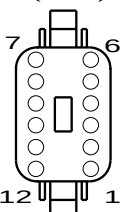
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																								
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HILL START AID SWITCH (445)  CONNECTOR 2009385C1				<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>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>11-G</td><td>16</td><td>WH</td><td>1661227C1</td></tr><tr><td>5</td><td>94-GC</td><td>16</td><td>WH</td><td>1661227C1</td></tr><tr><td>6</td><td>94CC</td><td>16</td><td>GY</td><td>1661226C1</td></tr><tr><td>7</td><td>62AK</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr><tr><td>8</td><td>94-GC</td><td>16</td><td>WH</td><td>1661209C1</td></tr></tbody></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	-	-	-	-	3	-	-	-	-	4	-	-	-	-	5	11-G	16	WH	1661227C1	5	94-GC	16	WH	1661227C1	6	94CC	16	GY	1661226C1	7	62AK	16	DKBL	1661209C1	8	94-GC	16	WH	1661209C1					
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G1 GND ADAPTER (453)  CONNECTOR 2007315C1 BODY LOCK 2007316C1				HILL START AID LAMP (580M)  CONNECTOR 0969541R1																																																										
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6-CH ABS CONNECTOR (690A)  CONNECTOR 3519423C1				<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>1</td><td>GY/WH2</td><td>16</td><td>GY</td><td>1680205C1</td></tr><tr><td>2</td><td>OR/WH2</td><td>16</td><td>OR</td><td>1680205C1</td></tr><tr><td>3</td><td>DKBL/WH2</td><td>16</td><td>DKBL</td><td>1680205C1</td></tr><tr><td>4</td><td>YL/WH2</td><td>16</td><td>YL</td><td>1680205C1</td></tr><tr><td>7</td><td>BN/WH2</td><td>16</td><td>BN</td><td>1680205C1</td></tr><tr><td>8</td><td>RD/WH2</td><td>16</td><td>RD</td><td>1680205C1</td></tr><tr><td>9</td><td>BK/WH2</td><td>16</td><td>BK</td><td>1680205C1</td></tr><tr><td>10</td><td>LTBL/WH2</td><td>16</td><td>LTBL</td><td>1680205C1</td></tr><tr><td>11</td><td>LTGN/WH2</td><td>16</td><td>LTGN</td><td>1680205C1</td></tr><tr><td>12</td><td>VT/WH2</td><td>16</td><td>VT</td><td>1680205C1</td></tr></tbody></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	GY/WH2	16	GY	1680205C1	2	OR/WH2	16	OR	1680205C1	3	DKBL/WH2	16	DKBL	1680205C1	4	YL/WH2	16	YL	1680205C1	7	BN/WH2	16	BN	1680205C1	8	RD/WH2	16	RD	1680205C1	9	BK/WH2	16	BK	1680205C1	10	LTBL/WH2	16	LTBL	1680205C1	11	LTGN/WH2	16	LTGN	1680205C1	12	VT/WH2	16	VT	1680205C1
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8	RD/WH2	16	RD	1680205C1																																																										
9	BK/WH2	16	BK	1680205C1																																																										
10	LTBL/WH2	16	LTBL	1680205C1																																																										
11	LTGN/WH2	16	LTGN	1680205C1																																																										
12	VT/WH2	16	VT	1680205C1																																																										
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0488				09SEP15		REVISED AND REDRAWN.		B		93248U		310706		CIRCUIT DIAGRAM, PAYSTAR																																																
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Figure 337 Connector Composites (445 / 453 / 580M / 690A)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.151. CONNECTOR COMPOSITES (1362 / 9510F / 9513), P. 120

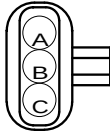
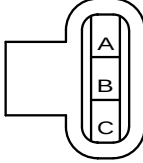
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RSP AUTO TRACTION CONTROL / FRONT ATC ESP (1362)  CONNECTOR 3518183C1 BODY LOCK 3518174C1				<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>1</td> <td>94SJ</td> <td>16</td> <td>GY</td> <td>3626031C1</td> </tr> <tr> <td>2</td> <td>94SC</td> <td>16</td> <td>GY</td> <td>3626031C1</td> </tr> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	94SJ	16	GY	3626031C1	2	94SC	16	GY	3626031C1									
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ESP LOAD SENSOR (9510F)  CONNECTOR 1667740C1 BODY LOCK 1667771C1				<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> <tr> <td>A</td> <td>BL1</td> <td>16</td> <td>LTBL</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>GN1</td> <td>16</td> <td>LTGN</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>BN1</td> <td>16</td> <td>BN</td> <td>1667742C1</td> <td>1661872C1</td> </tr> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	A	BL1	16	LTBL	1667742C1	1661872C1	B	GN1	16	LTGN	1667742C1	1661872C1	C	BN1	16	BN	1667742C1	1661872C1
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TRAILER MODULATOR VALVE (9513)  CONNECTOR 1686834C1 BODY LOCK 1664408C1				<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> <tr> <td>A</td> <td>BK/WH3</td> <td>16</td> <td>BK</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>RD/WH3</td> <td>16</td> <td>RD</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>BN/WH3</td> <td>16</td> <td>BN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	A	BK/WH3	16	BK	2033819C1	1652325C1	B	RD/WH3	16	RD	2033819C1	1652325C1	C	BN/WH3	16	BN	2033819C1	1652325C1
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