

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

2.3. CIRCUIT DIAGRAM INSTRUCTIONS, P. 3

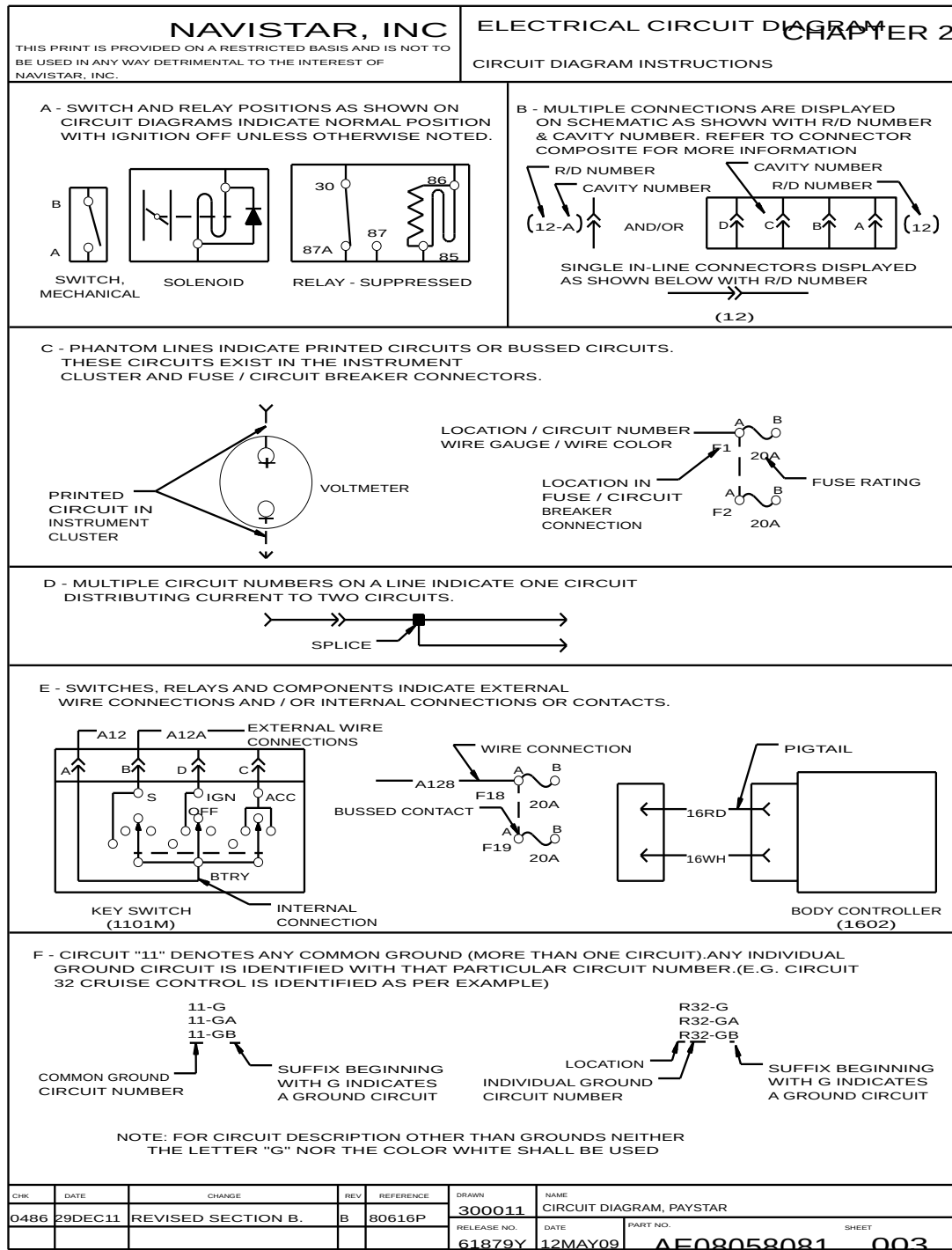


Figure 3 Circuit Diagram Instructions

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
							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	PART NO.
					61879Y	12MAY09	AE08058081
							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.)

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.					LAMP BULB CHART									

7

ELECTRICAL CIRCUIT DIAGRAM MANUAL

2.8. RELAY FUNCTION AND WIRING GUIDE, P. 8

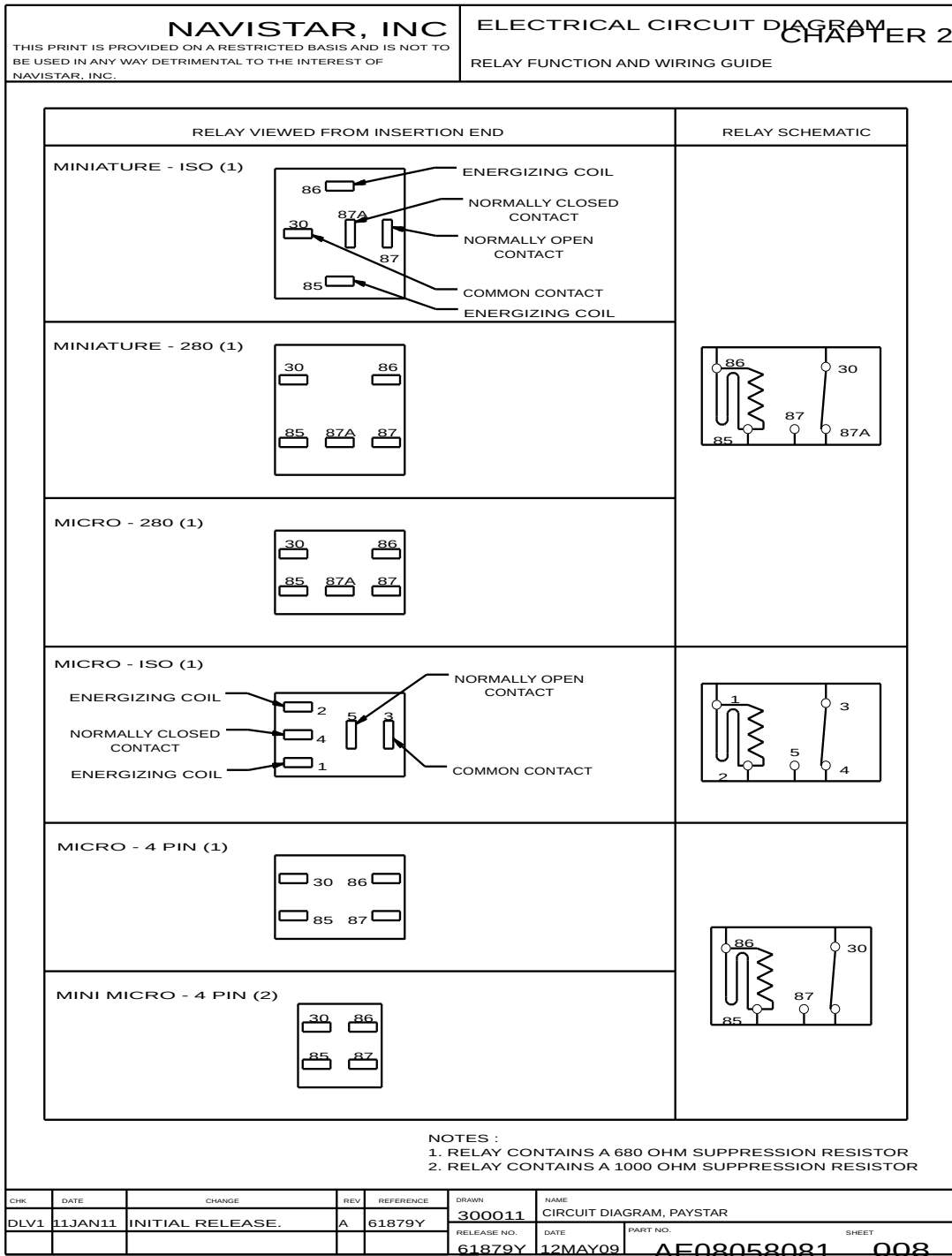


Figure 8 Relay Function and Wiring Guide

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

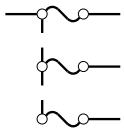
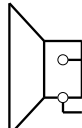
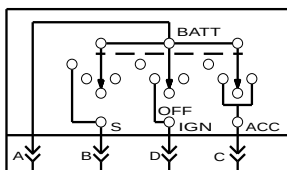
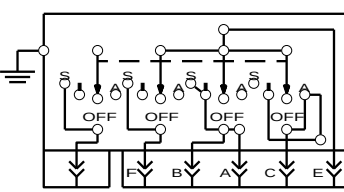
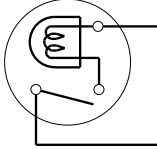
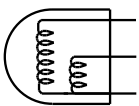
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 2 SCHEMATIC SYMBOL CHART (CONT)				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.									
SYMBOL	DESCRIPTION				SYMBOL	DESCRIPTION			
	FUSES W/ BUSBAR					HORN			
	FUSIBLE 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

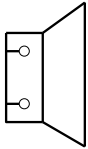
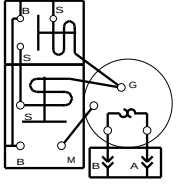
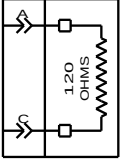
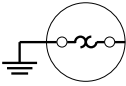
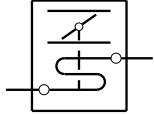
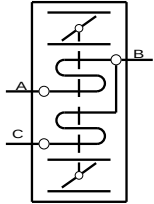
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 2				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					SCHEMATIC SYMBOL CHART (CONT)				
SYMBOL					DESCRIPTION				
					SPEAKER				
					SPLICE				
					STUD				
					START MOTOR W/ TOCP				
					SWITCH, MECHANICAL (NORMALLY OPEN)				
					SWITCH, MECHANICAL (NORMALLY CLOSED)				
SYMBOL					DESCRIPTION				
					SWITCH, PUSH BUTTON				
					TERMINATING RESISTOR				
					THERMOSTAT				
					VALVE, ETHER BOTTLE				
					VALVE, MODULATOR				
					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

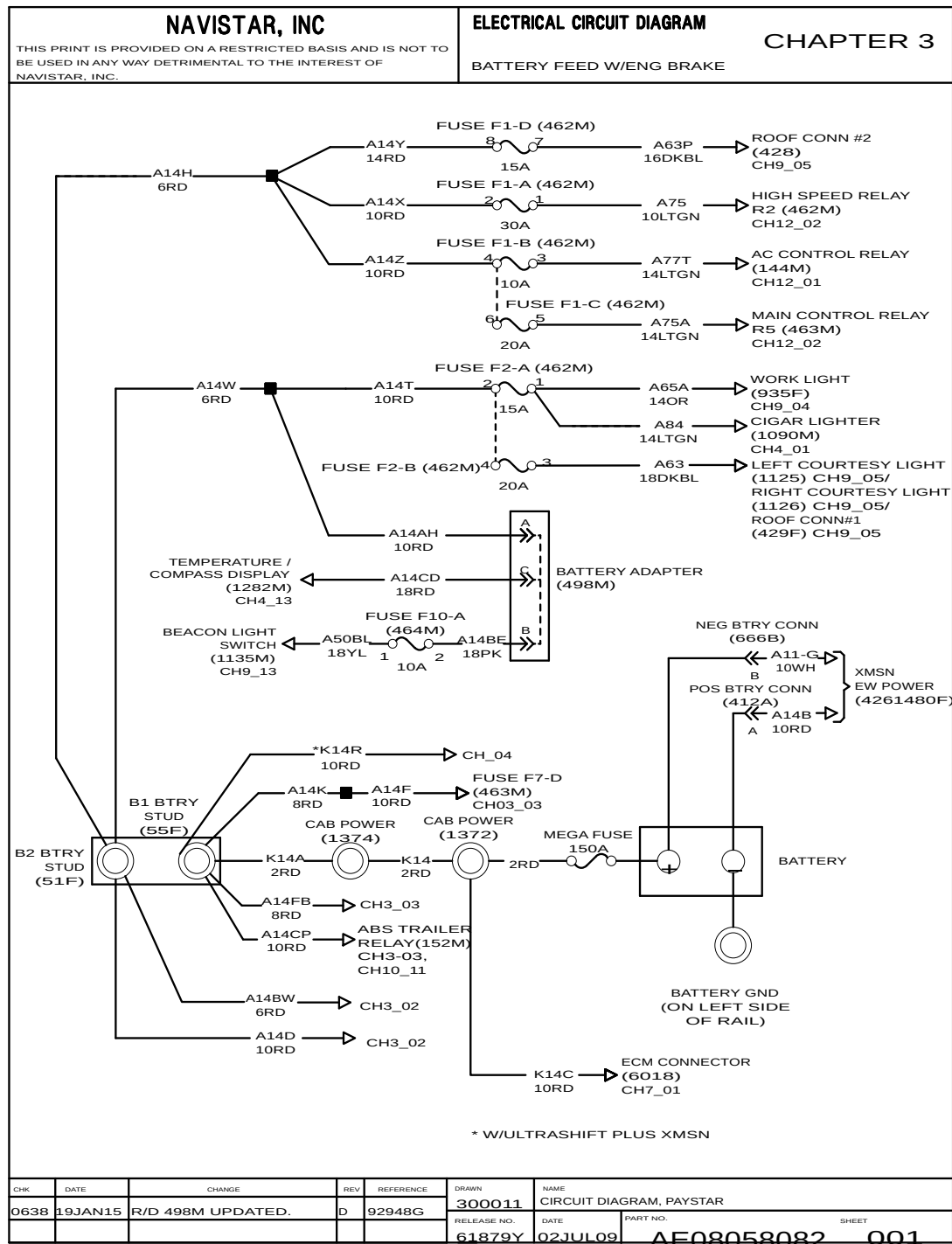


Figure 13 Battery Feed with Engine Brake

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

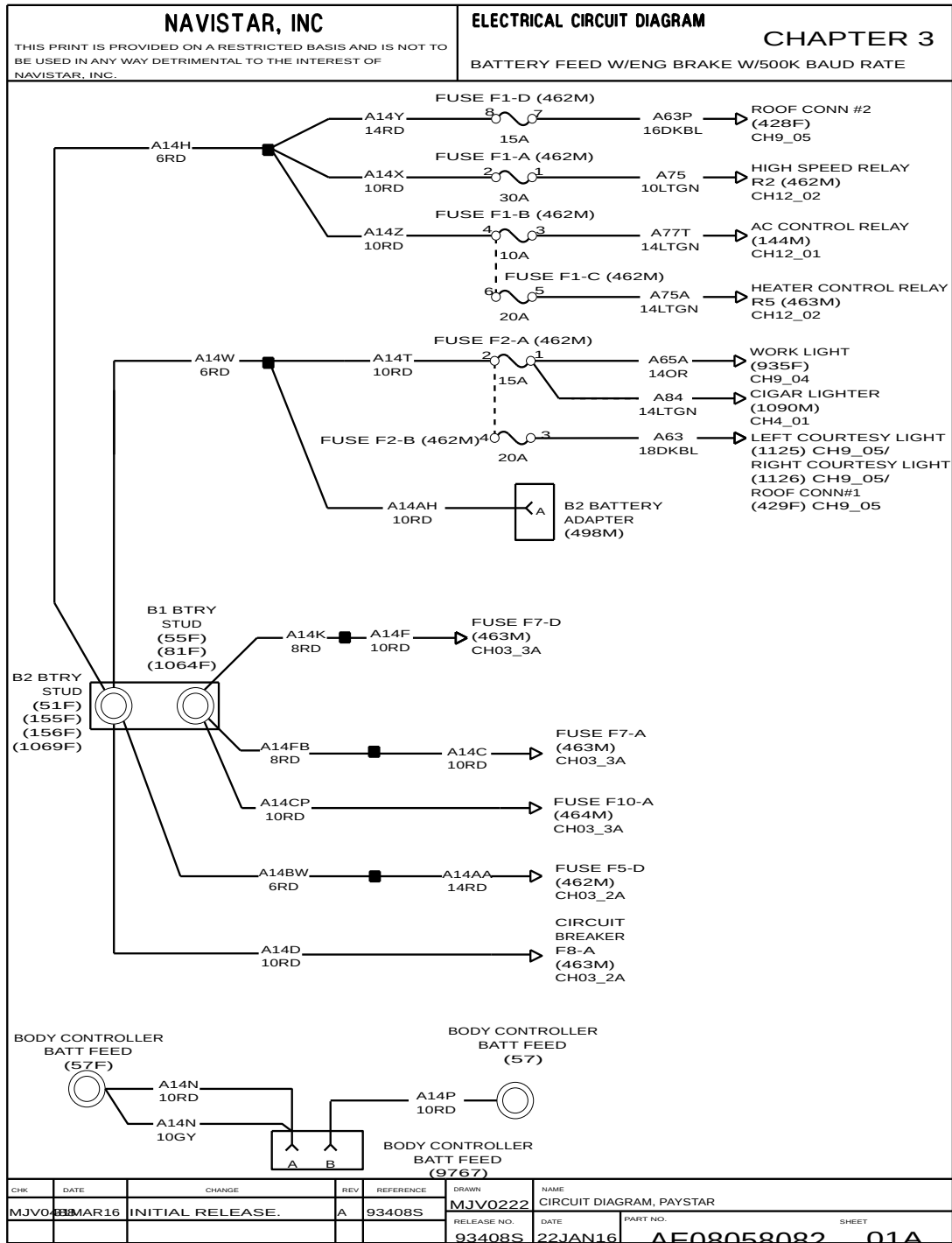


Figure 14 Battery Feed with Engine Brake with 500K Baud Rate

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

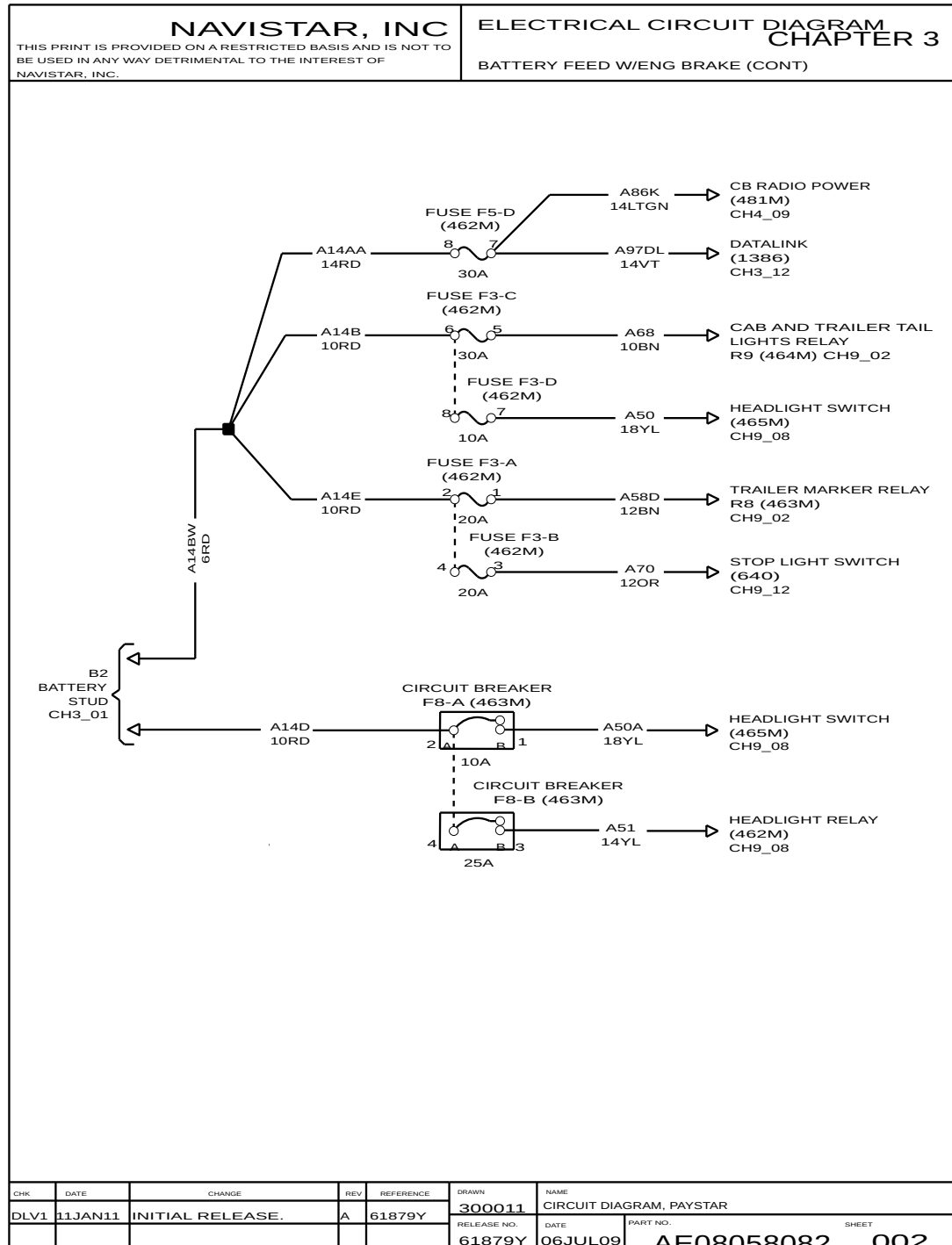


Figure 15 Battery Feed with Engine Brake (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

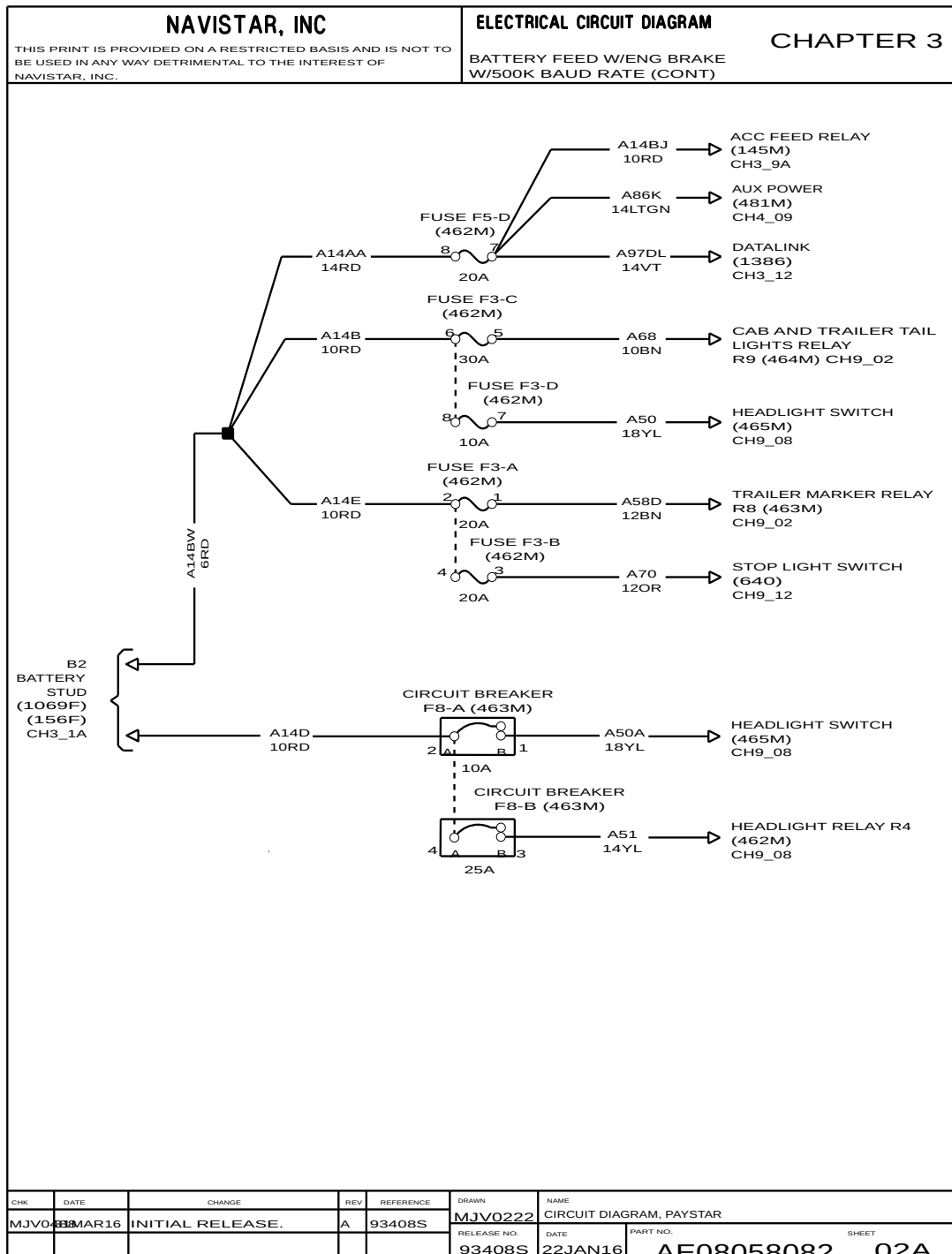


Figure 16 Battery Feed with Engine Brake with 500K Baud Rate (Cont.)

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

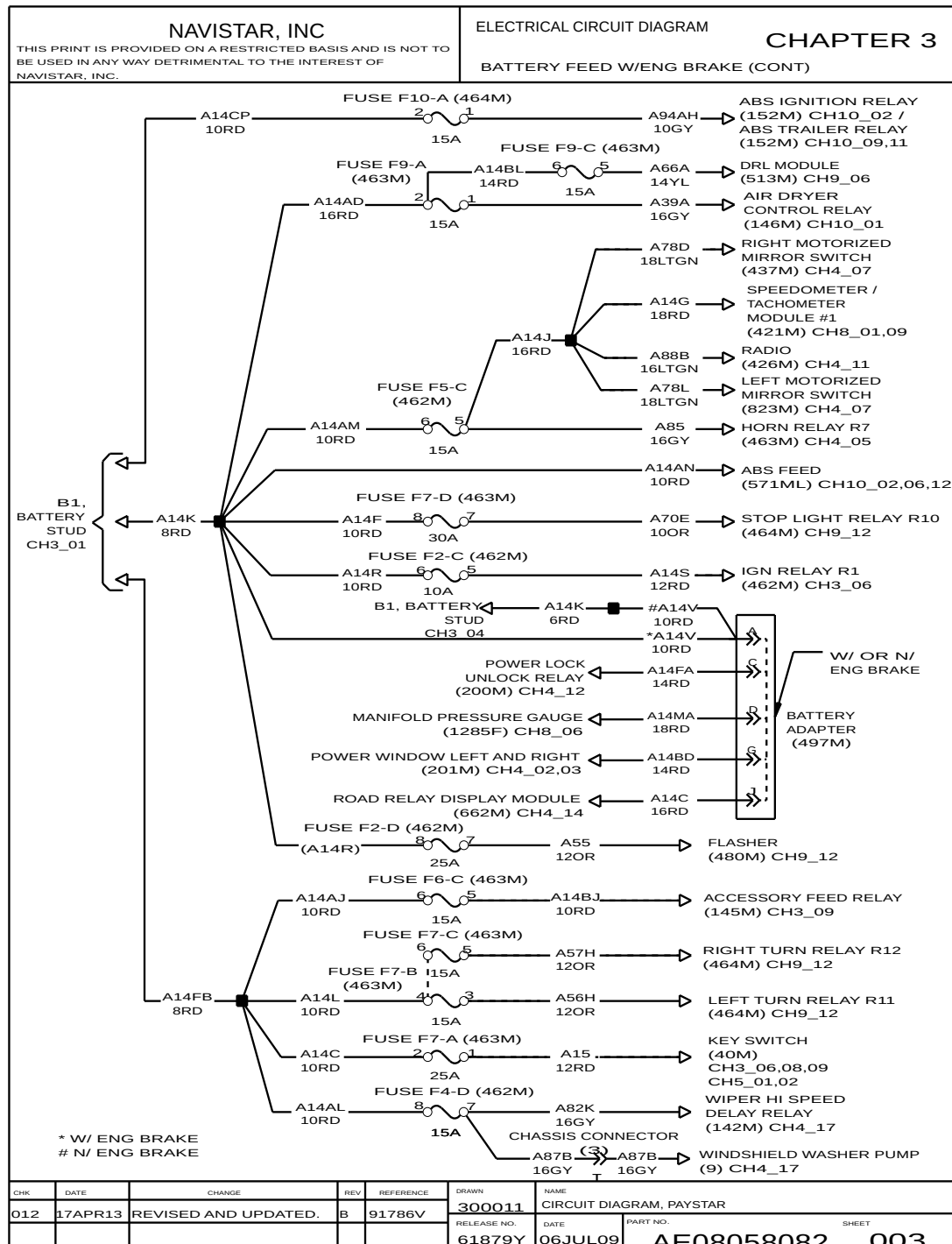


Figure 17 Battery Feed with Engine Brake (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.6. BATTERY FEED WITH ENGINE BRAKE WITH 500K BAUD RATE (CONT.), P. 3A

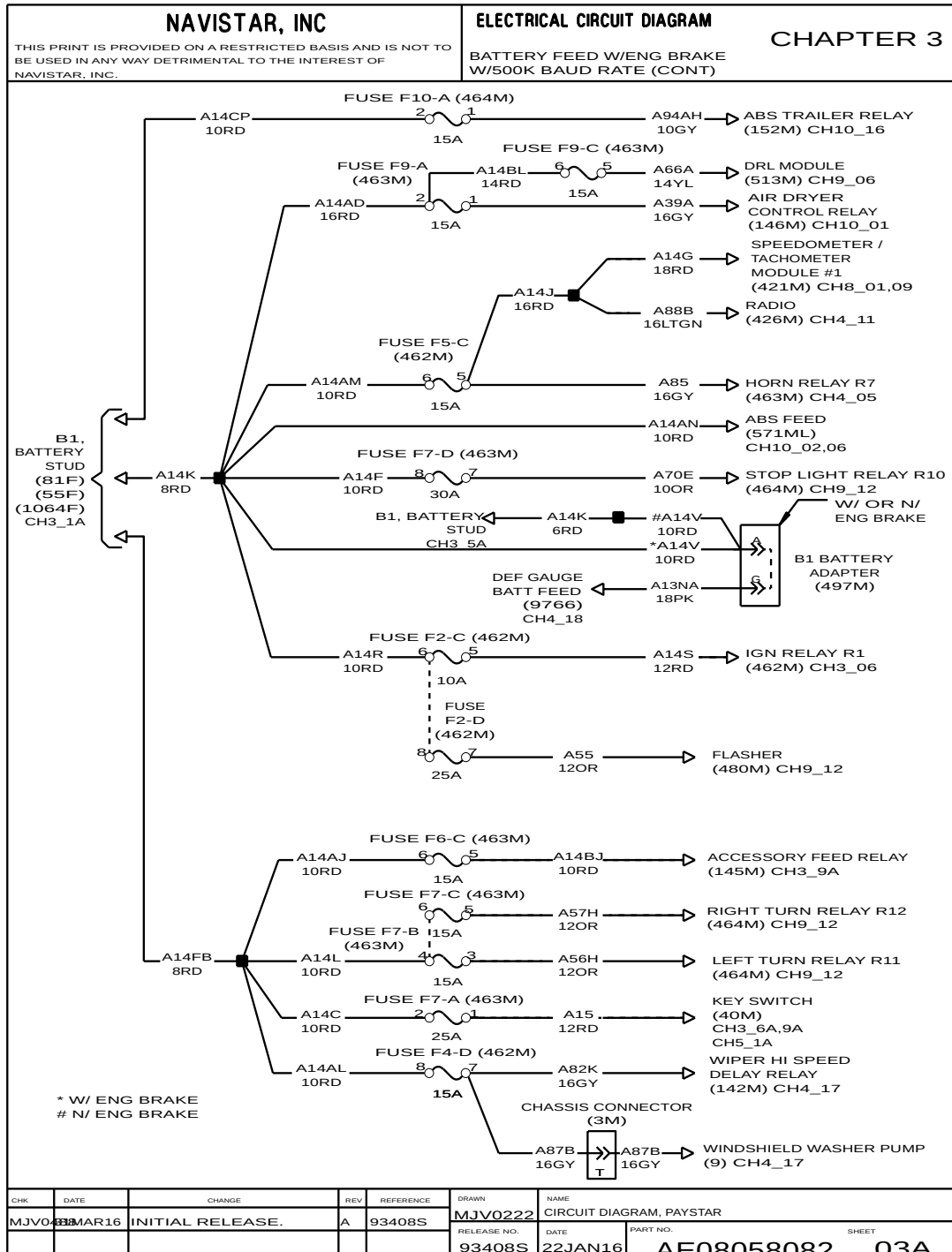


Figure 18 Battery Feed with Engine Brake with 500K Baud Rate (Cont.)

3.7. BATTERY FEED WITHOUT ENGINE BRAKE, P. 4

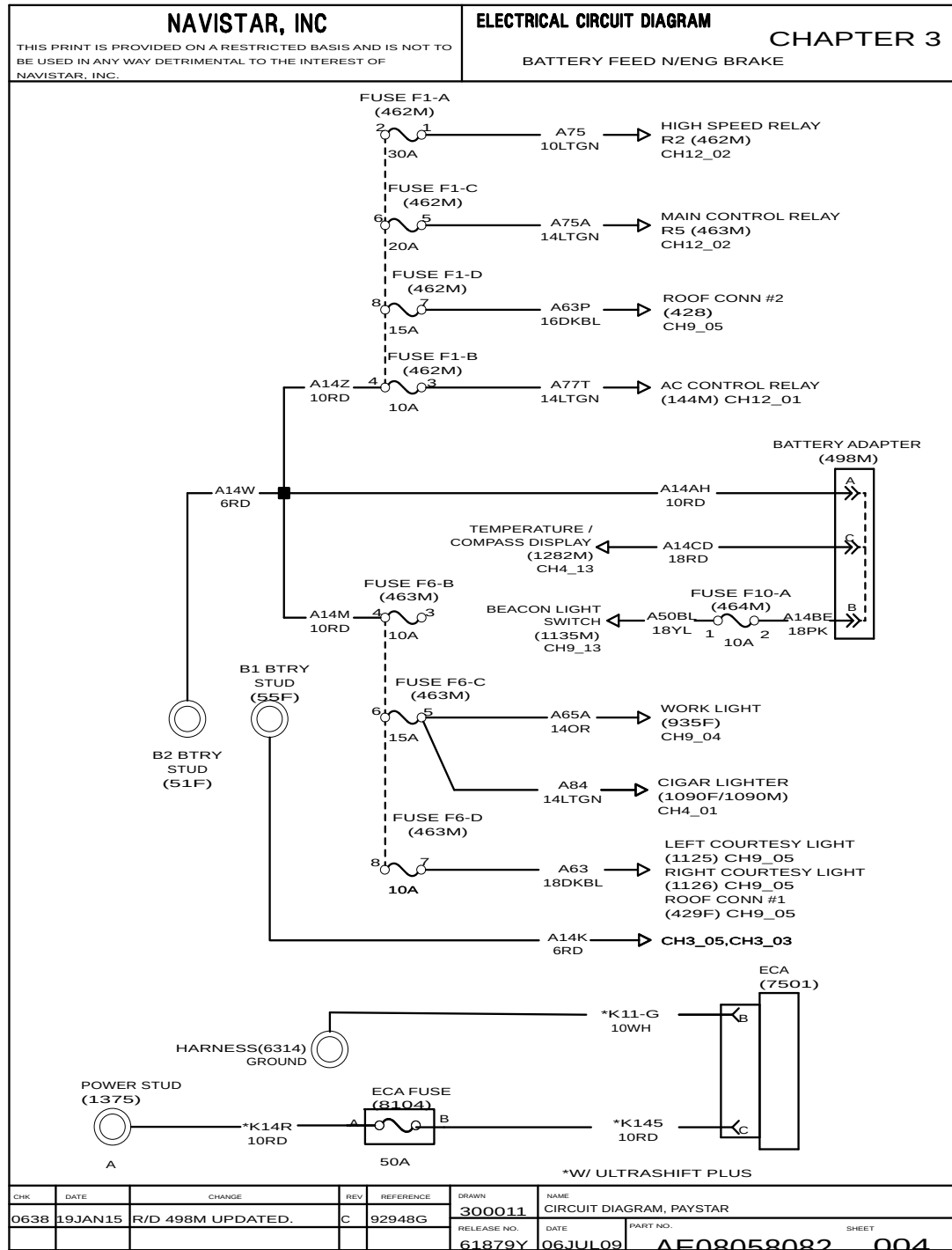


Figure 19 Battery Feed without Engine Brake

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

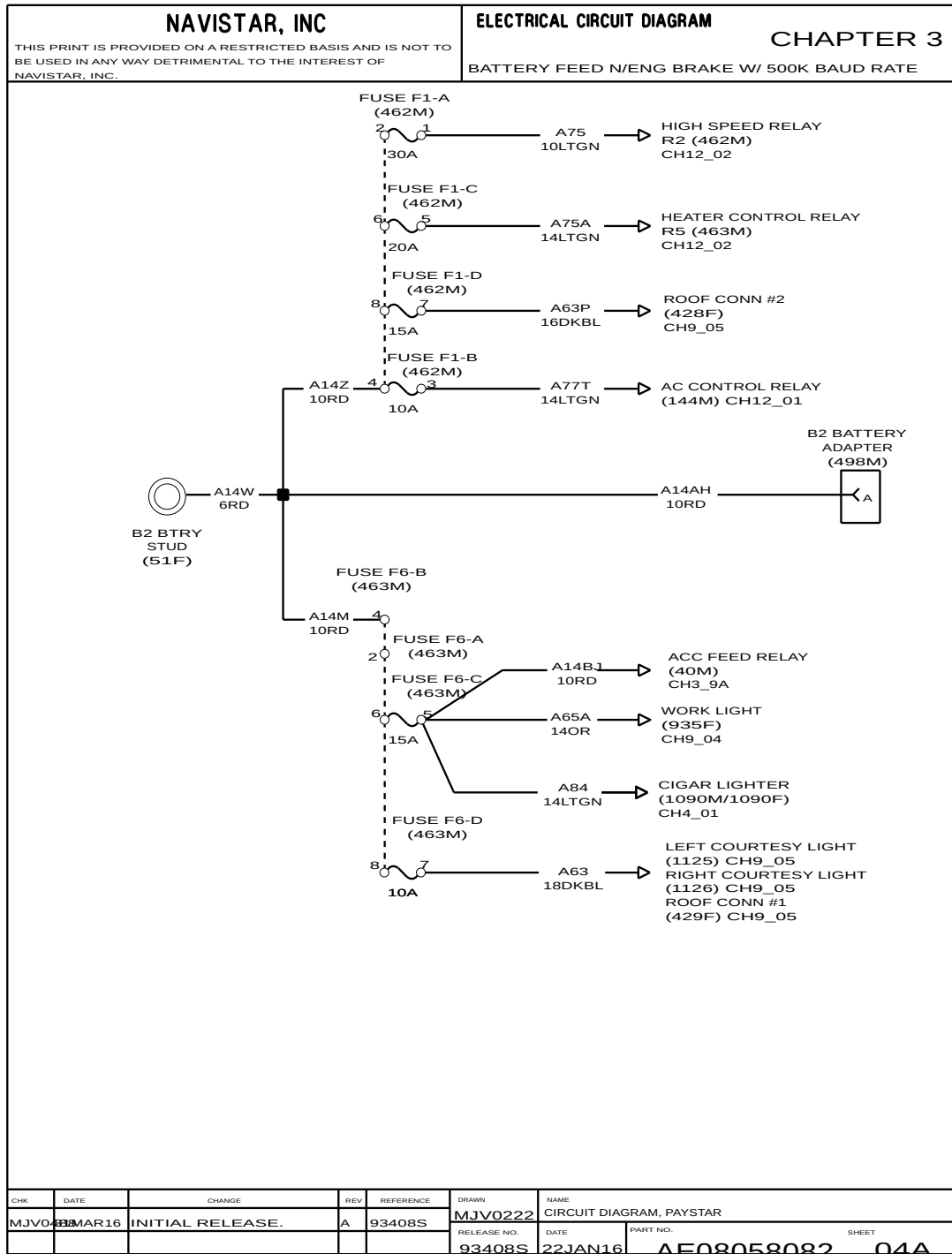


Figure 20 Battery Feed without Engine Brake with 500K Baud Rate

3.9. BATTERY FEED WITHOUT ENGINE BRAKE, P. 5

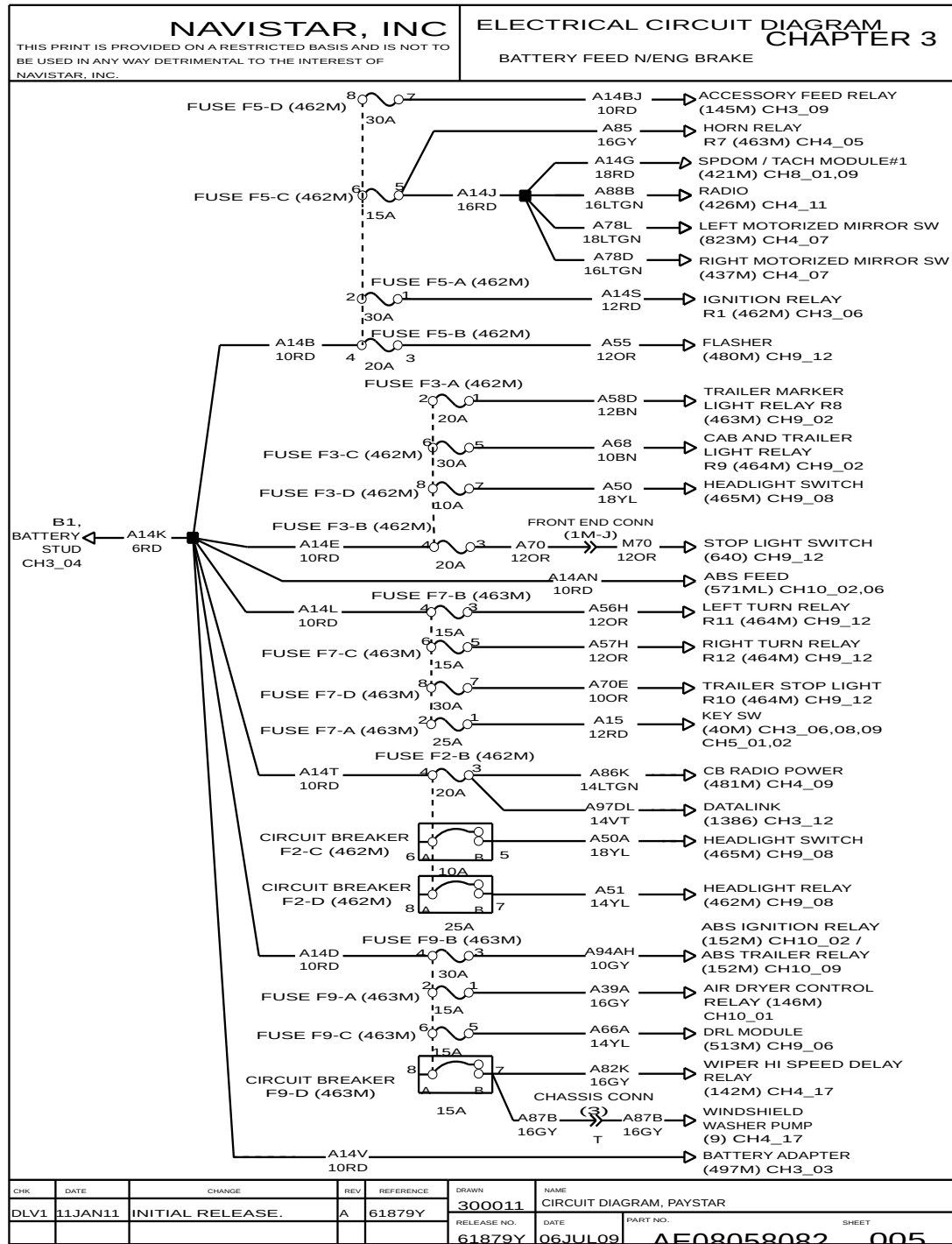


Figure 21 Battery Feed without Engine Brake

ELECTRICAL CIRCUIT DIAGRAM MANUAL

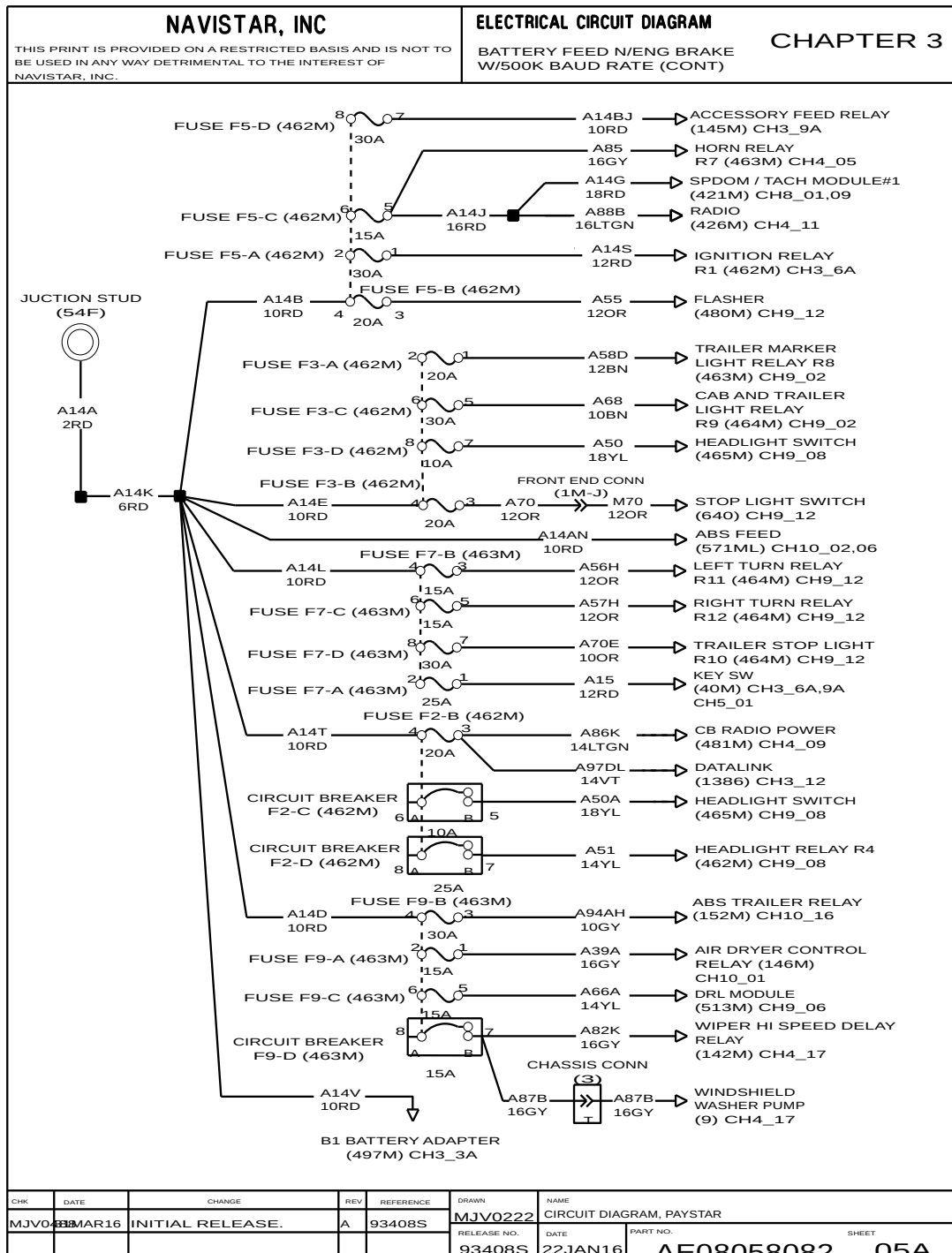
3.10. BATTERY FEED WITHOUT ENGINE BRAKE WITH 500K BAUD RATE (CONT.),
P. 5A

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

3.11. IGNITION FEED, P. 6

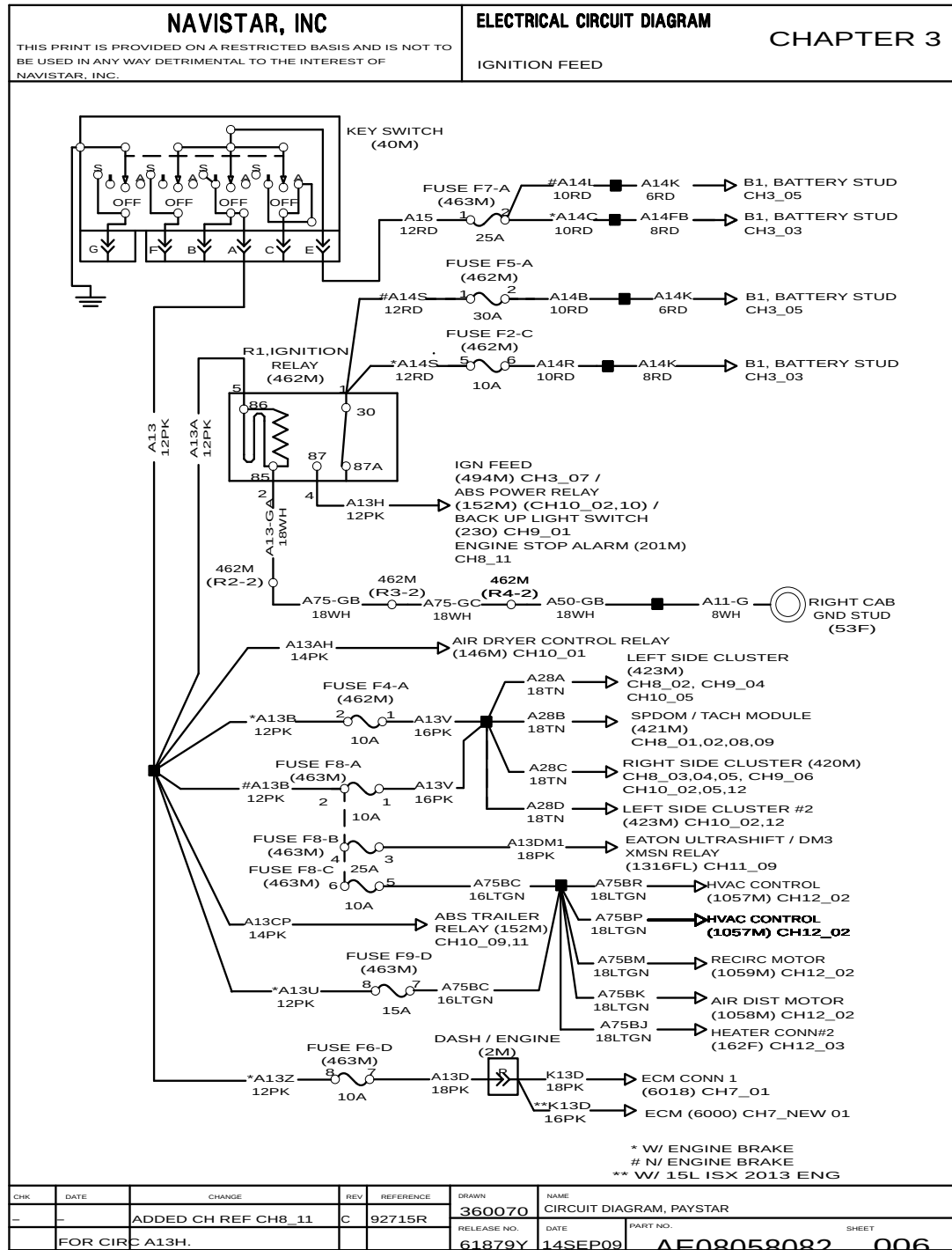


Figure 23 Ignition Feed

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

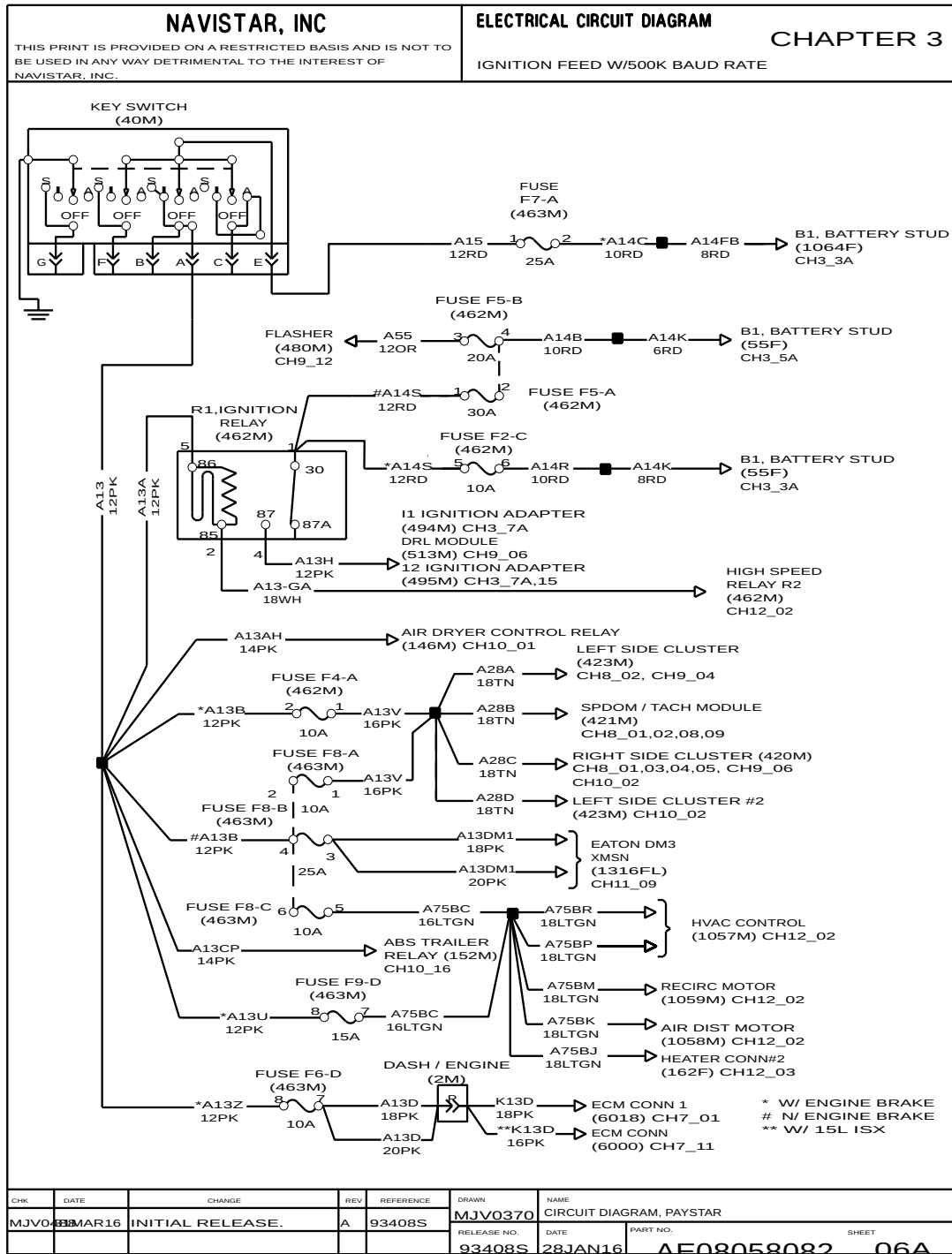


Figure 24 Ignition Feed with 500K Baud Rate

3.13. IGNITION FEED (CONT.), P. 7

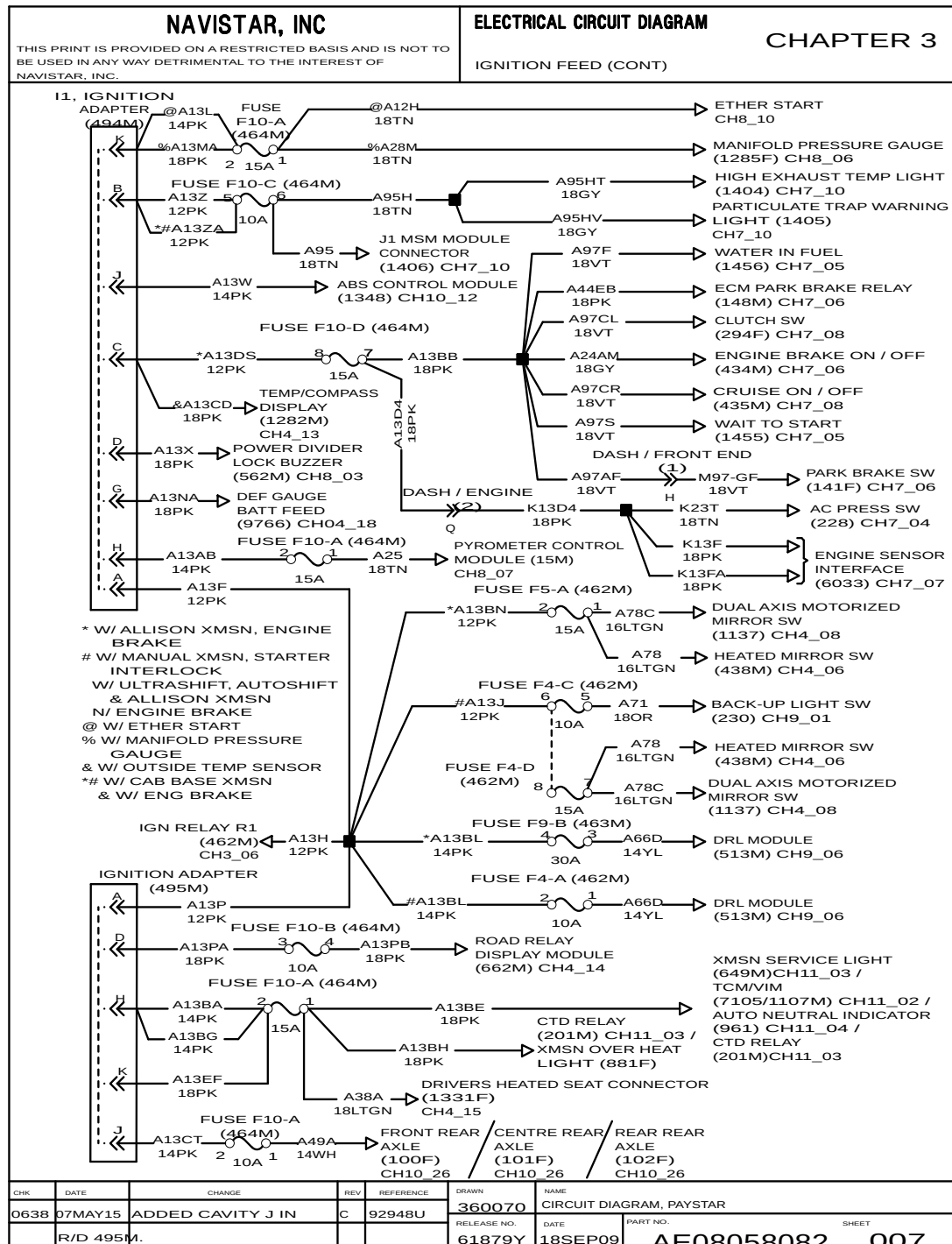


Figure 25 Ignition Feed (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

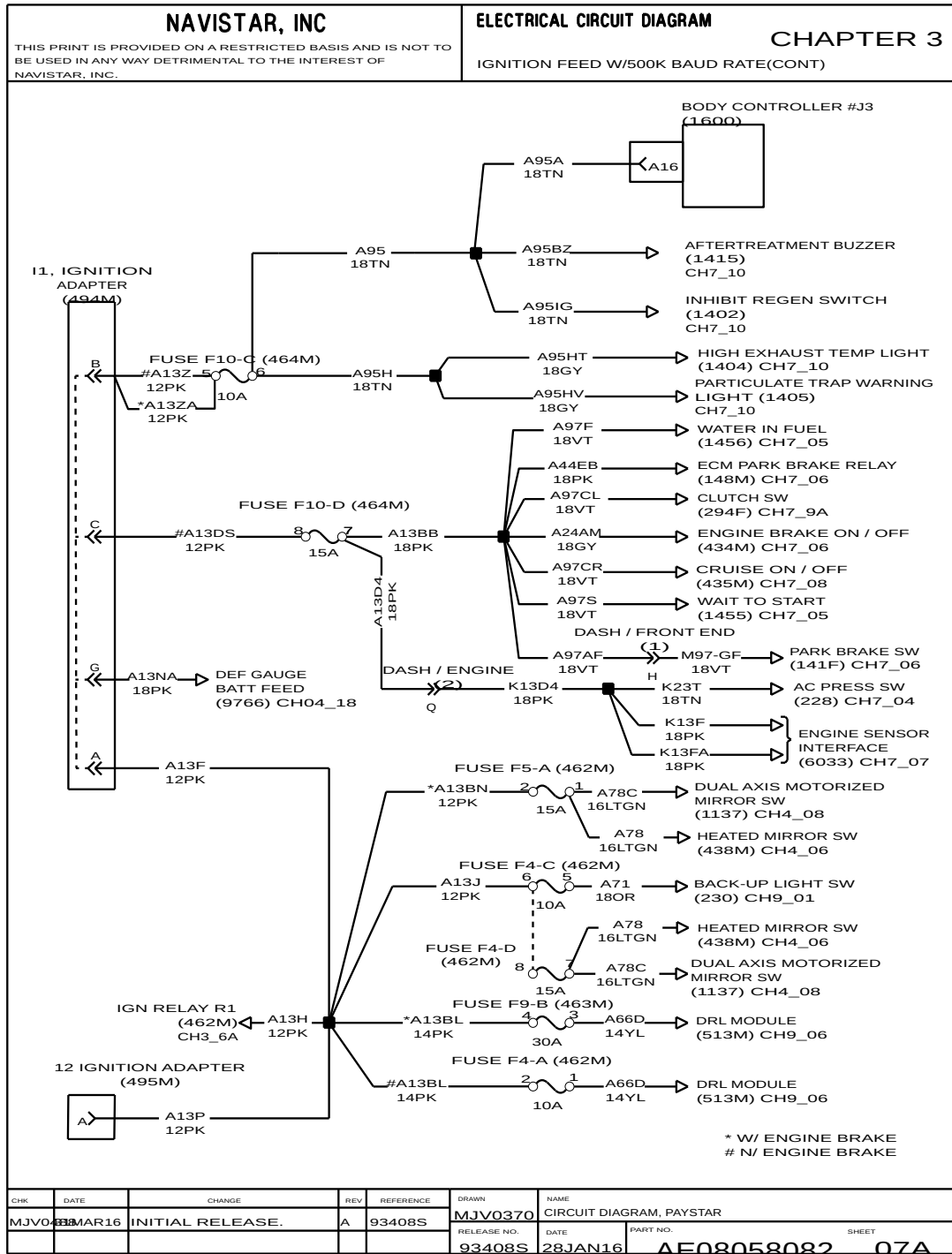


Figure 26 Ignition Feed with 500K Baud Rate (Cont.)

3.15. POWER FEED, P. 8

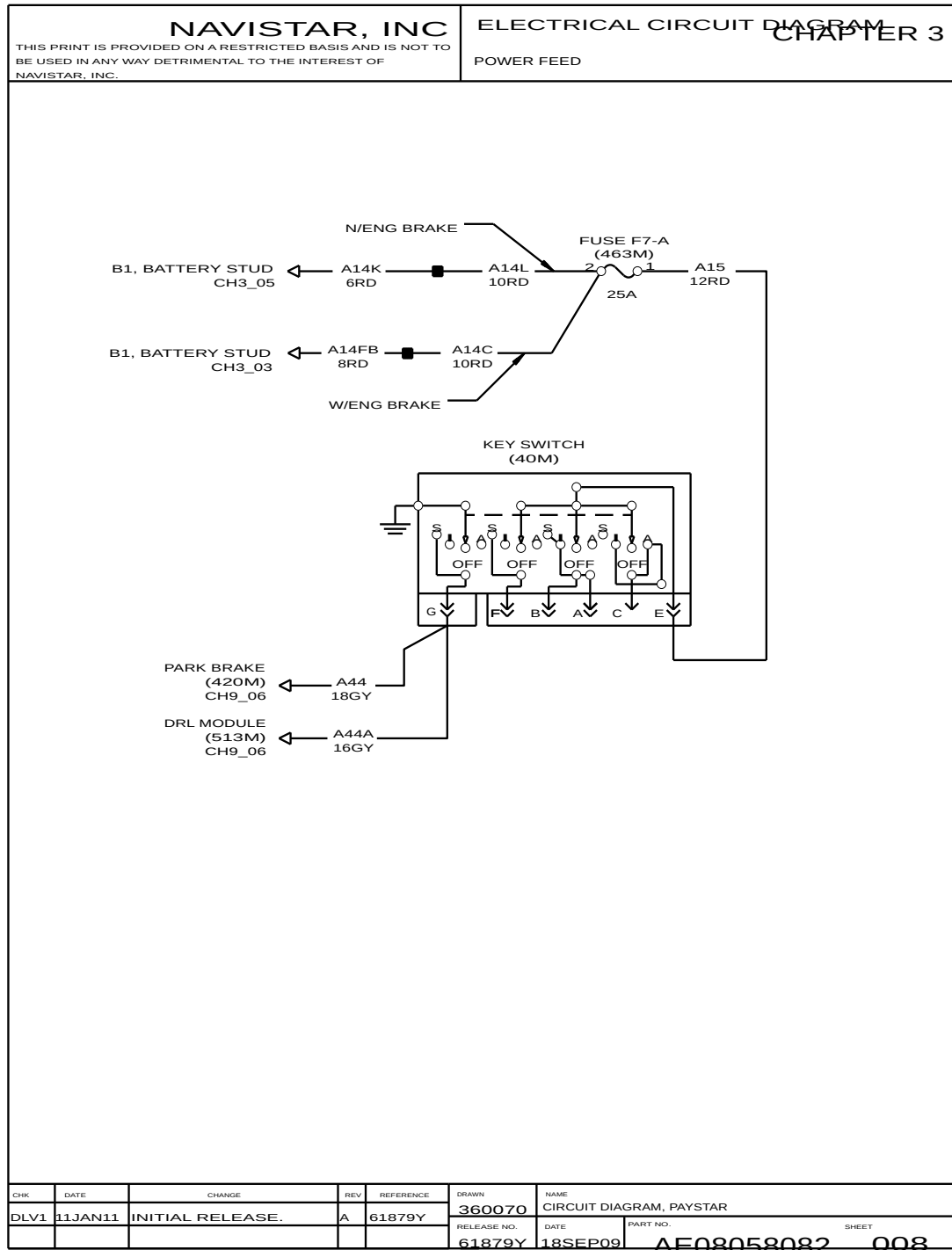


Figure 27 Power Feed

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.16. ACCESSORY FEED, P. 9

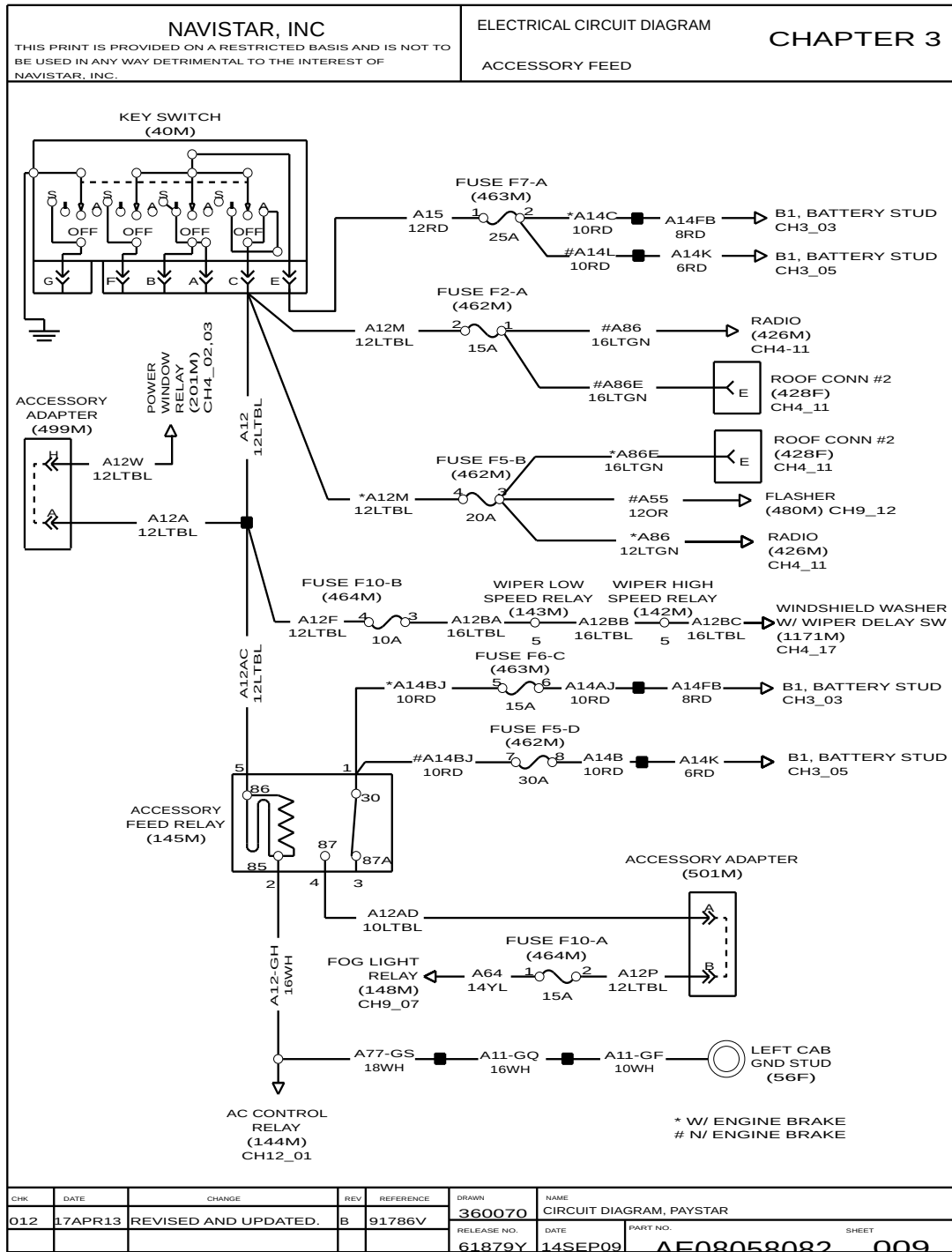


Figure 28 Accessory Feed

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

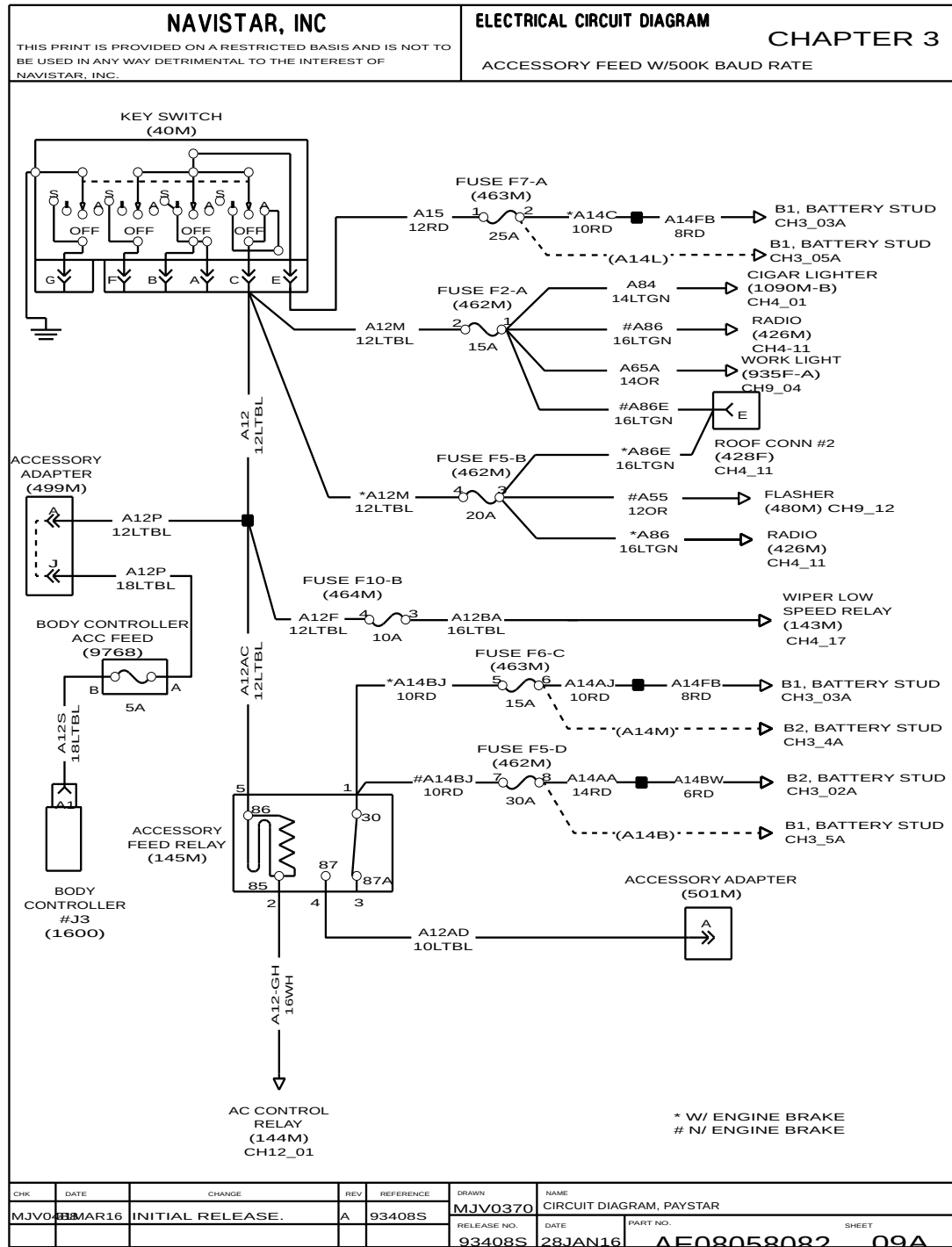


Figure 29 Accessory Feed with 500K Baud Rate

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

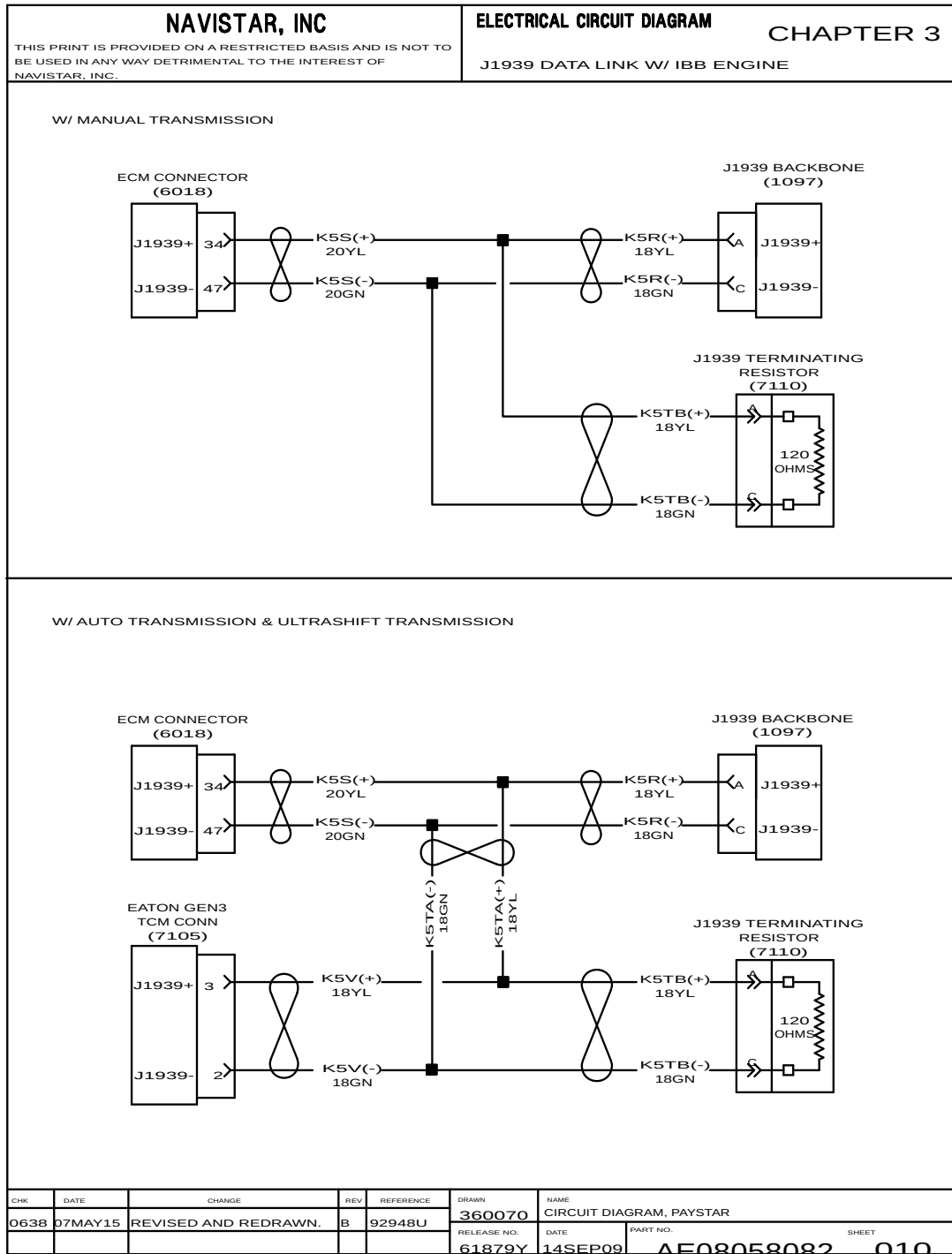


Figure 30 J1939 Data Link with IBB Engine

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

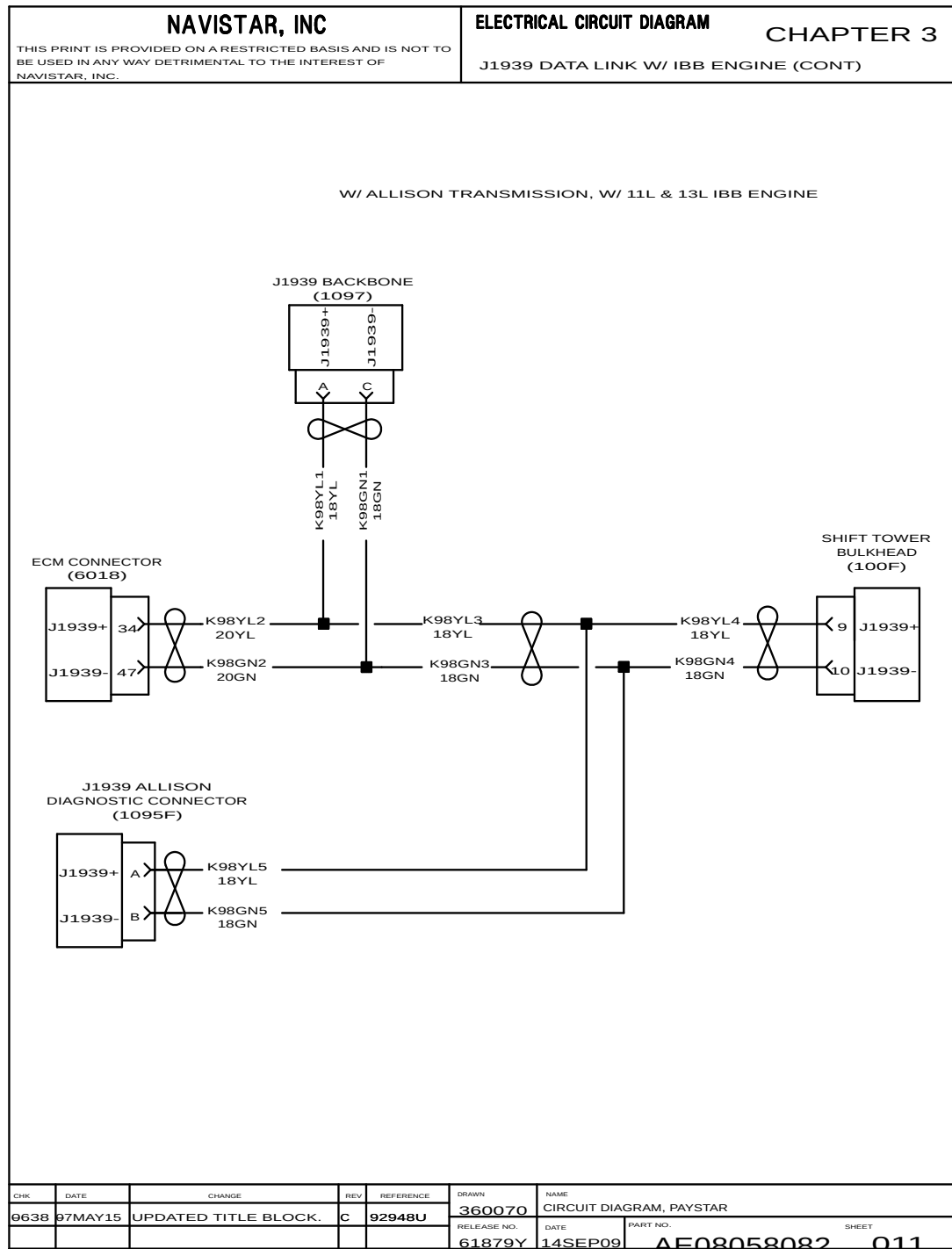


Figure 31 J1939 Data Link with IBB Engine (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

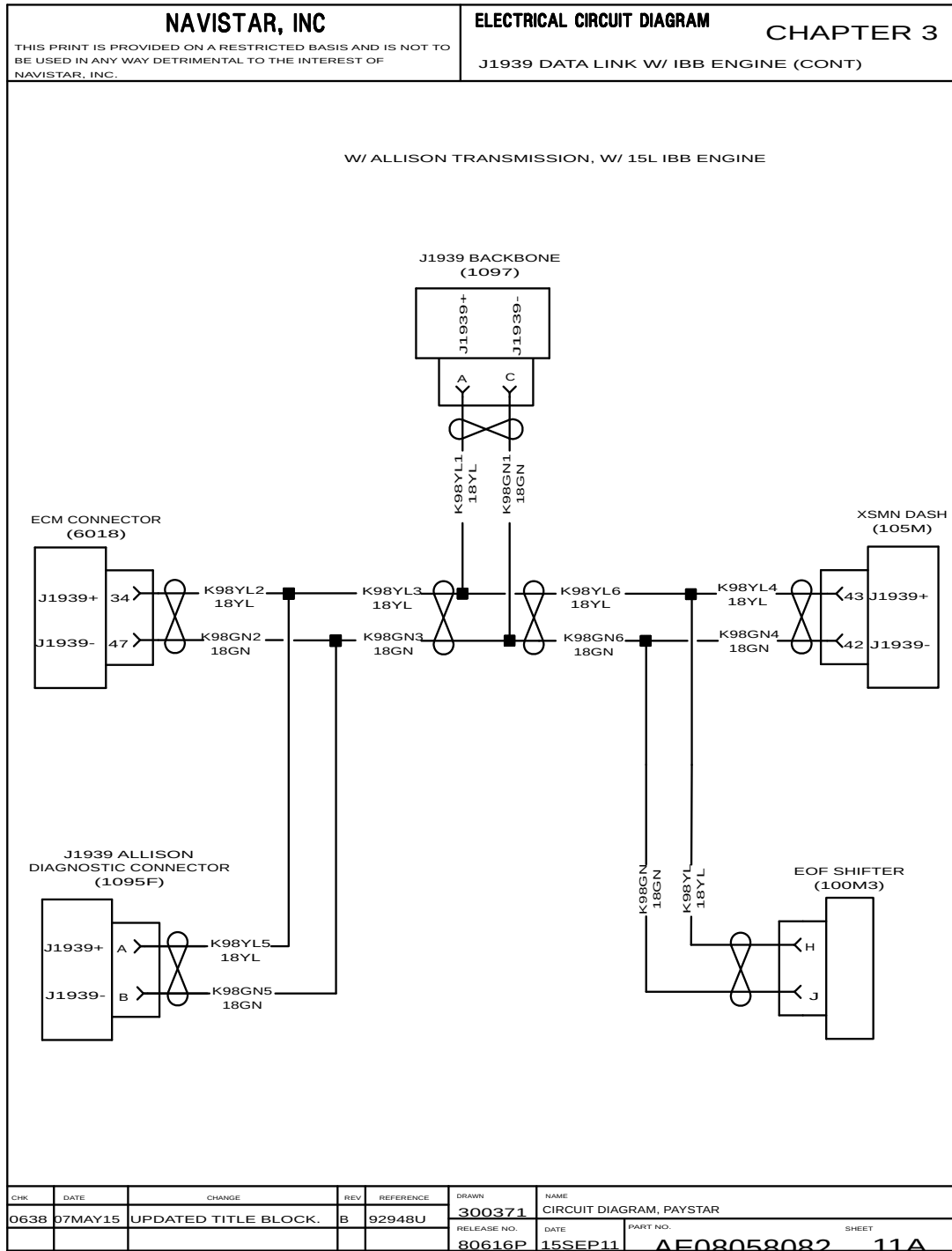


Figure 32 J1939 Data Link with IBB Engine (Cont.)

3.21. DIAGNOSTIC DATA LINK, P. 12

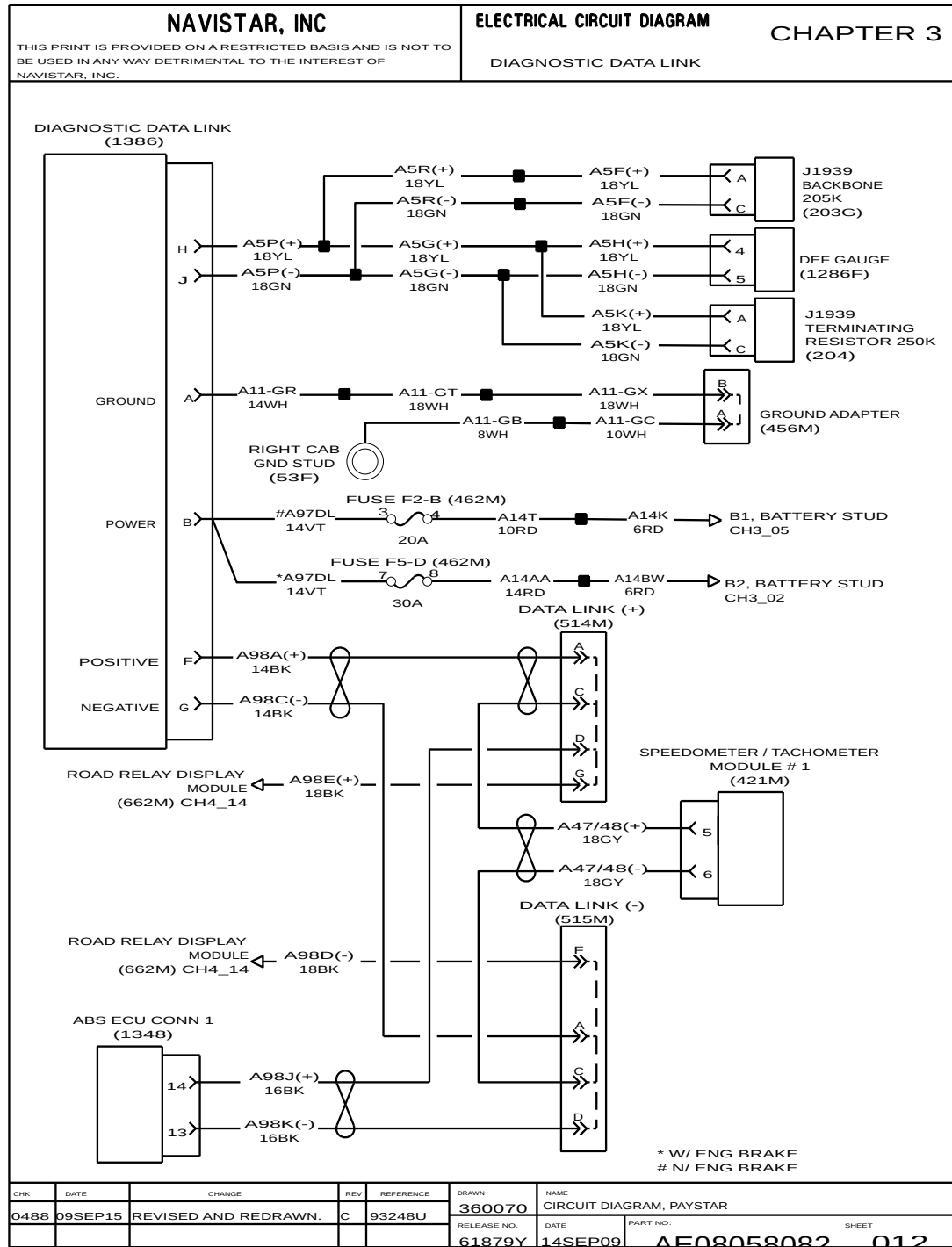


Figure 33 Diagnostic Data Link

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.22. GROUND, P. 13

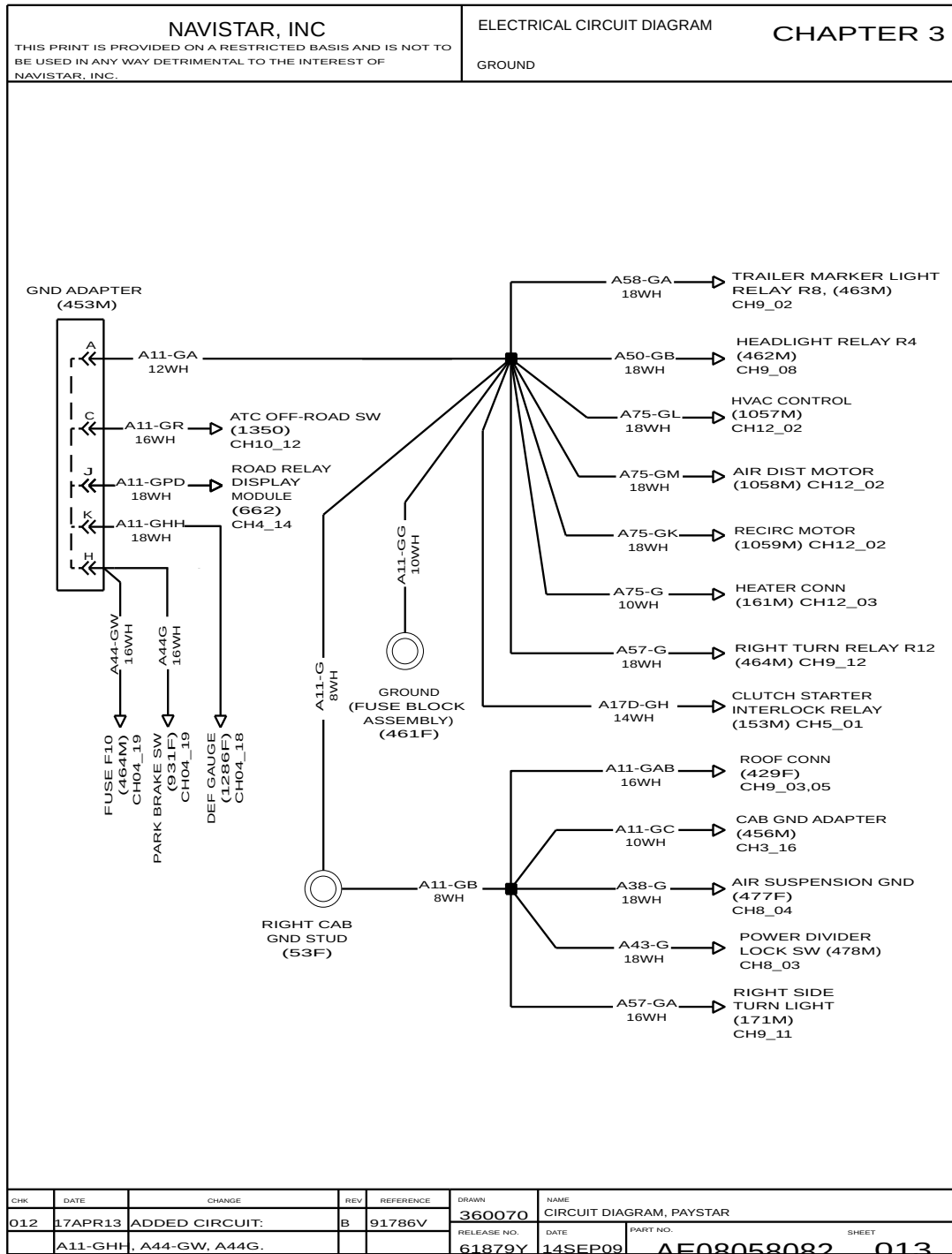


Figure 34 Ground

3.23. GROUND (CONT.), P. 14

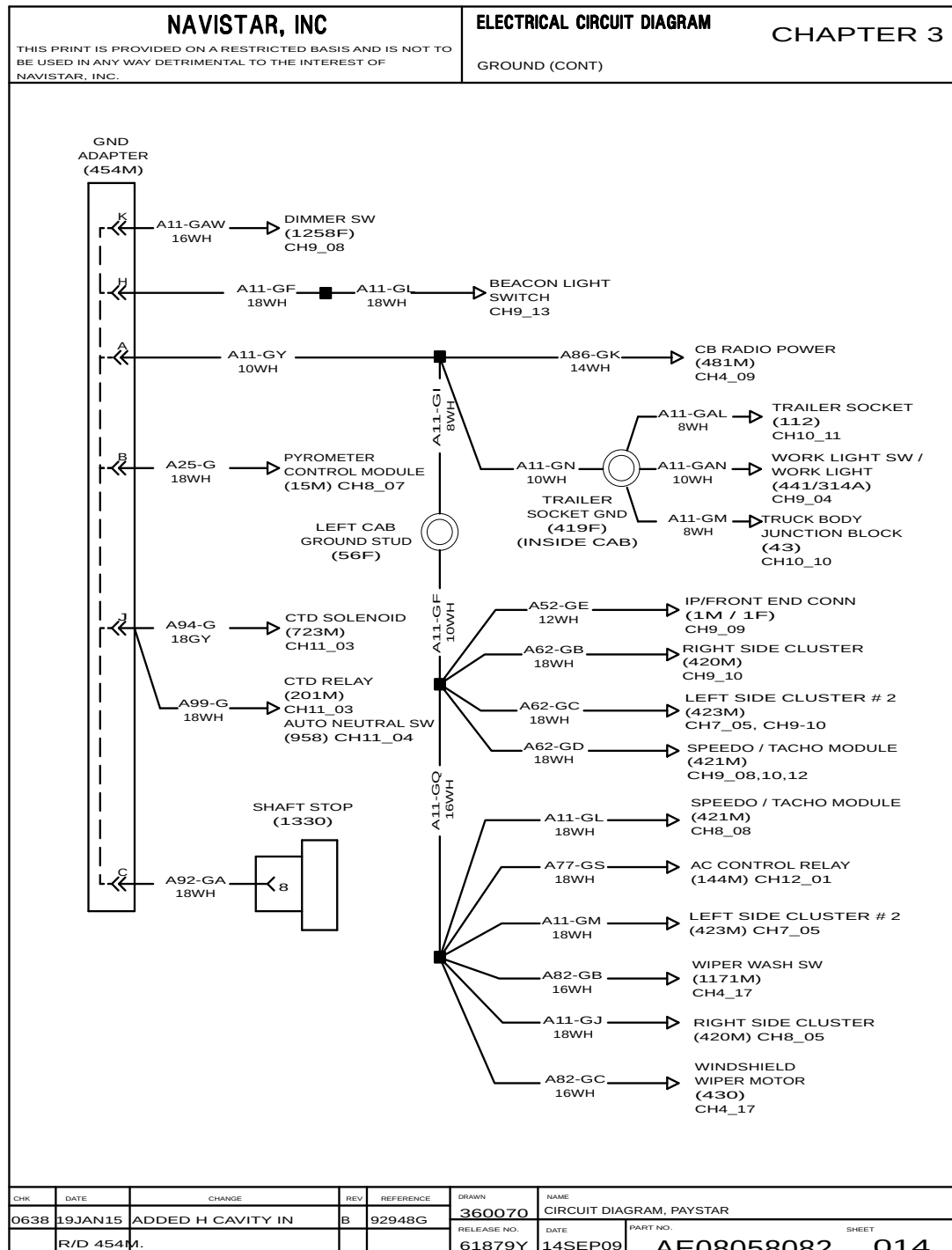


Figure 35 Ground (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.24. GROUND (CONT.), P. 15

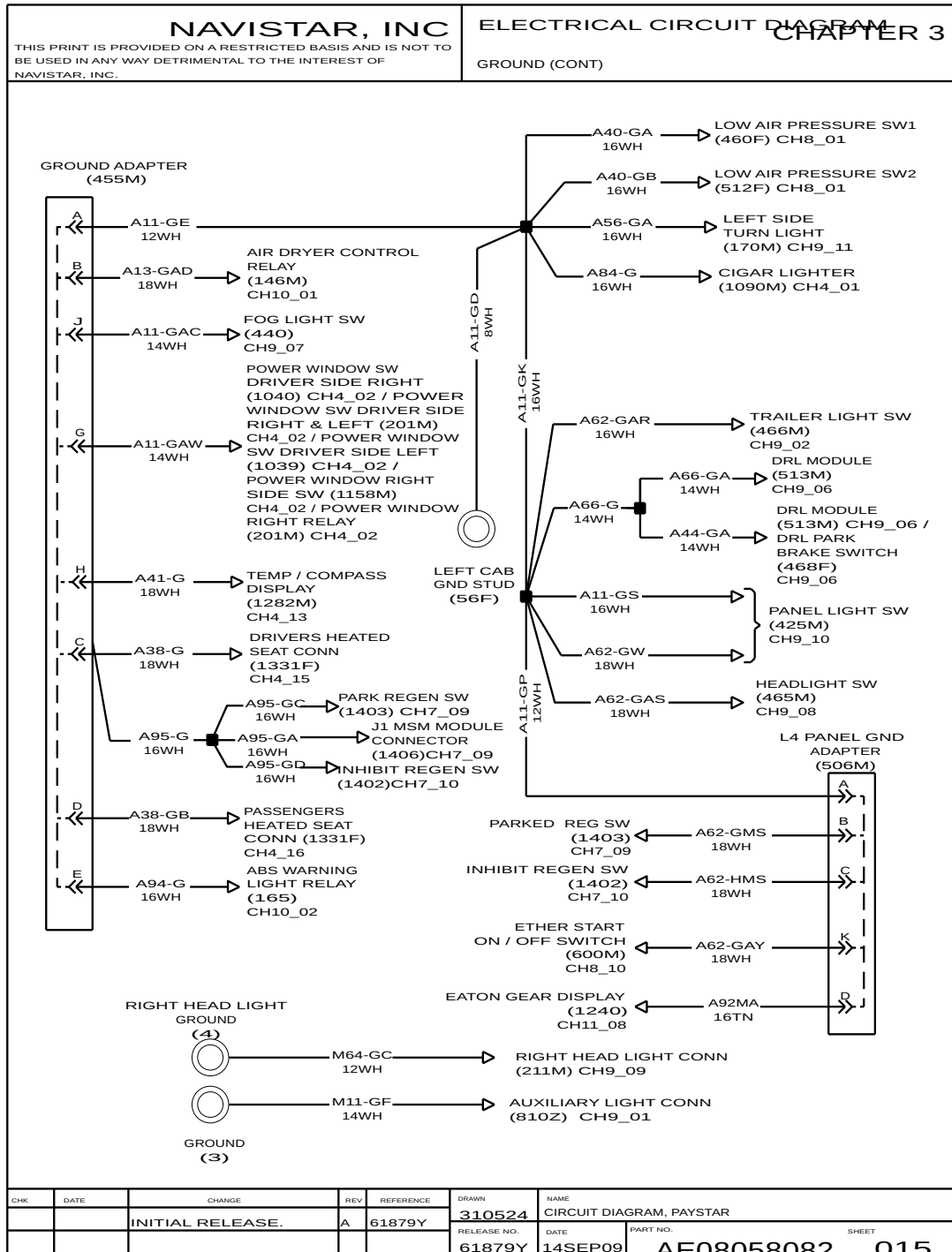


Figure 36 Ground (Cont.)

3.25. GROUND (CONT.), P. 16

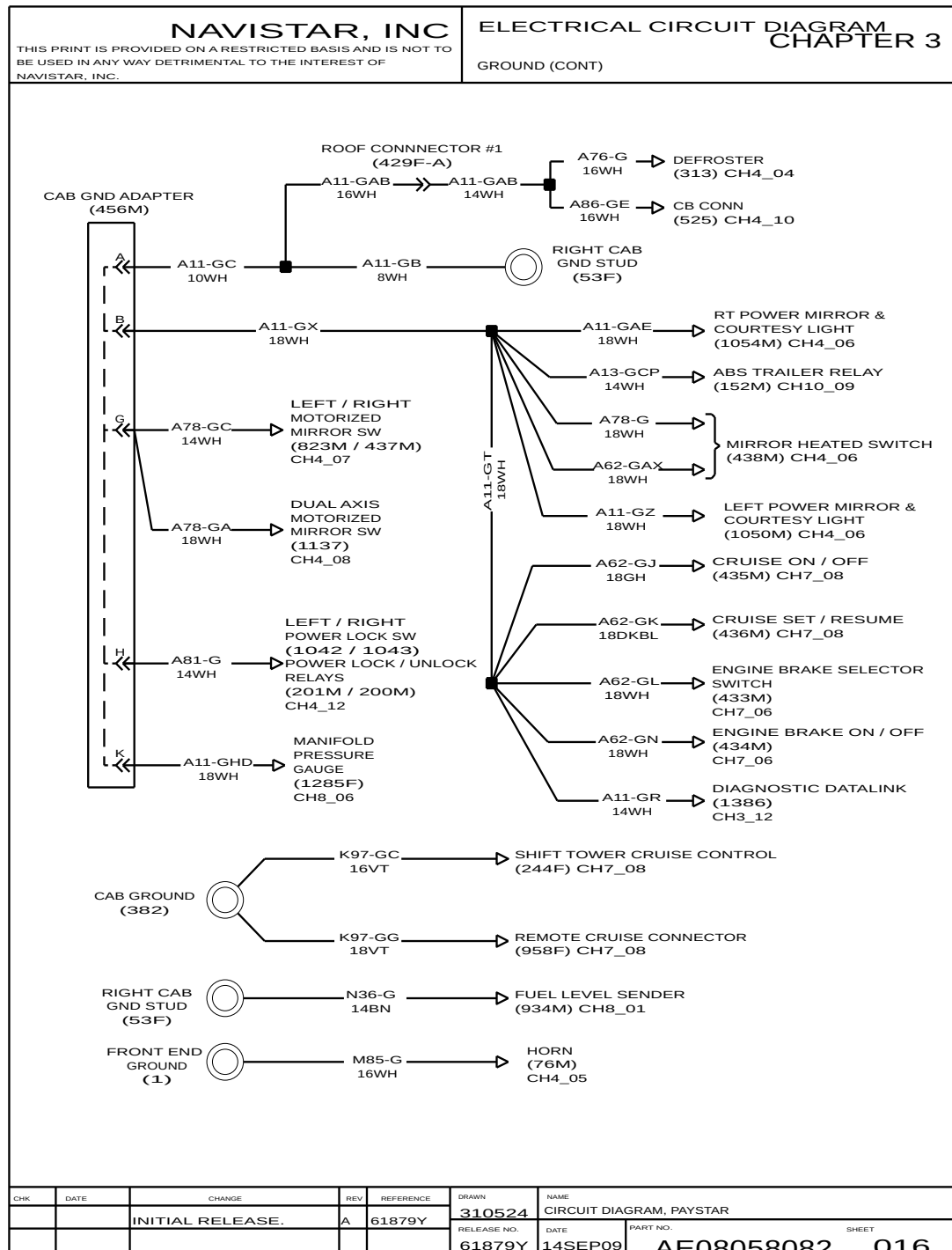


Figure 37 Ground (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.26. GROUND CHASSIS, P. 16A

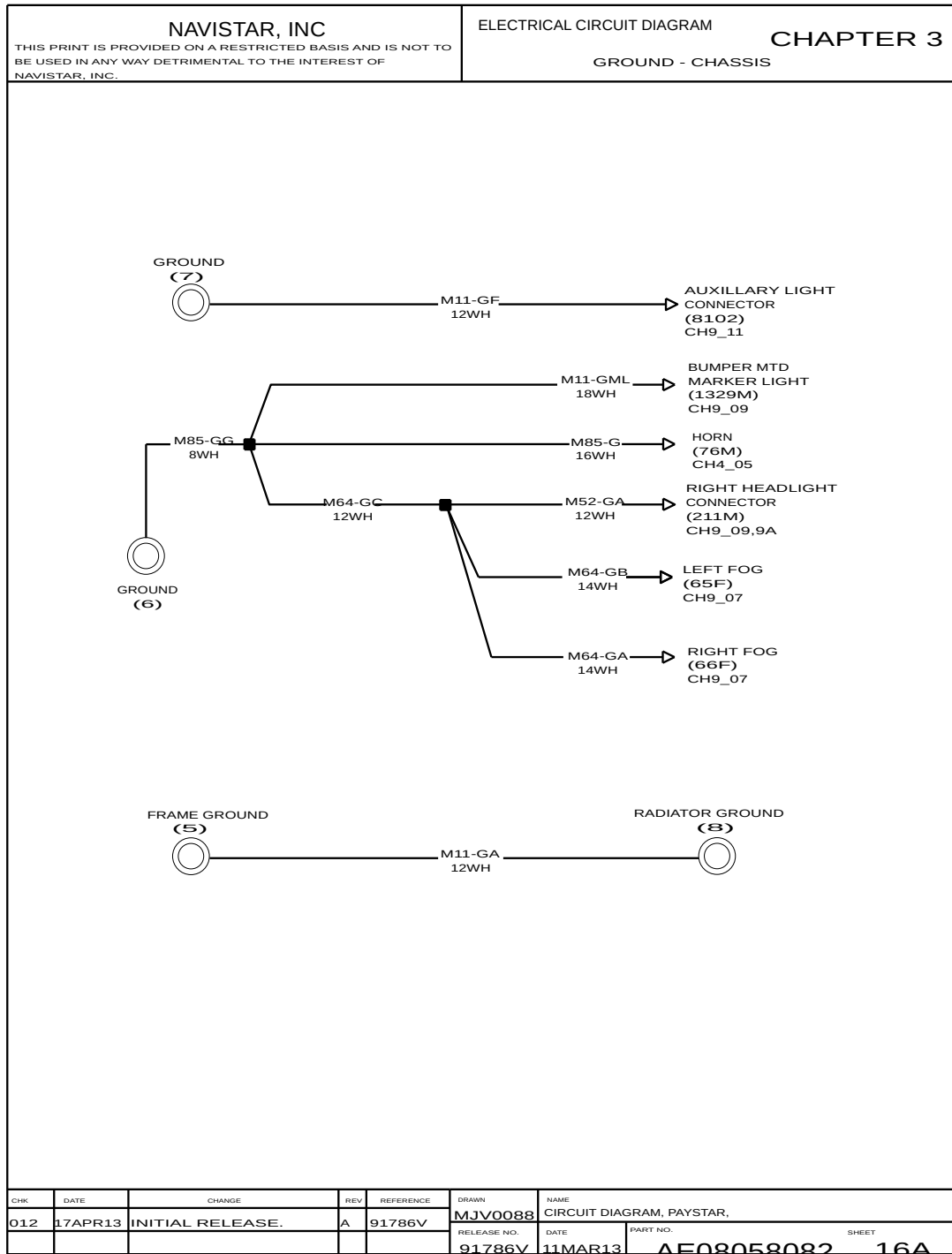


Figure 38 Ground Chassis

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ELECTRICAL CIRCUIT DIAGRAM

ZERO VOLT REFERENCE

CHAPTER 3

GROUND ADAPTER
#(6704B)
*(6704D)

K10WH1 12WH

K10-GJ 16WH

K10-GK 16WH

ECM SENSOR INTERFACE (6033) CH7_07

K10-GA 10WH

#K10-GE 12WH

EATON GEN3 TCM (7105) CH11_10

HARNESS GROUND (6314)

*K92C16 14WH

*K92BA16 14WH

ECM CONNECTOR (6018) CH7_01

*K92D16 14WH

ECM CONNECTOR 2 (6019) CH7_01

K92A16 14WH

ECM CONNECTOR 1 (6018) CH7_01

#K92B16 14WH

K92C16 14WH

K92BA16 14WH

K92D16 14WH

ECM CONNECTOR (6018) CH7_01

ECM CONNECTOR 2 (6019) CH7_01

K10-WH5 16WH

K10-GB 10WH

&K13DA 18PK

ECM 1 (6018)

W/ MANUAL XMSN

K31-G 18TN

K31-G 16WH

XMSN OIL TEMP SENSOR / AUTO XMSN TEMP SENSOR (236 / 236F) CH8_05

W/ ALLISON XMSN

&K13D 18PK

A13D 18PK

ENGINE XMSN (1316ML) CH11_09A

K77-G 16WH

FREON COMPRESSOR (6200) CH7_04, CH12_01

DASH CONN (2/2M-P)

&K95-PG 18RD

DEF HARNESS INTERCONNECT (674) CH7_21

K30-GB 16TN

ENGINE OIL TEMPERATURE (393/393B)

@K30GB 18TN

#K97-GC 18VT

SHIFT TOWER CRUISE CONTROL (244F) CH7_08

&K10-GS2 10WH

GND SPLICE (6705B) CH3_23

#K30 16TN

@K30 18TN

ENGINE / DASH (2-B)

A30 18TN

LEFT SIDE CLUSTER #2 (423M) CH7_05

&K97-GC 18WH

REMOTE CRUISE/ SHIFT TOWER CRUISE CONTROL (958F/224F) CH7_08

@K31-G 18GY

TRANS OIL TEMPERATURE (7700K)

&K97-GC 14WH

SHIFT TOWER CRUISE CONTROL (224F) CH7_08

&K97-GA 16VT

SHIFT TOWER CRUISE CONTROL (224F) CH7_08

&K97-GB 18VT

REMOTE CRUISE (958F) CH7_08

& W/ 11L AND 13L IBB SCR
@ W/ 15L ISX ENGINE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	RELEASE NO.	DATE	PART NO.	SHEET
012	17APR13	ADDED CIRC FOR 11/13L IBB SCR & 15L ISX ENGINE.	C	91786V	360070	CIRCUIT DIAGRAM, PAYSTAR	61879Y	16SEF09	AE08058082	017

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ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.28. PANEL LIGHT ADAPTER, P. 18

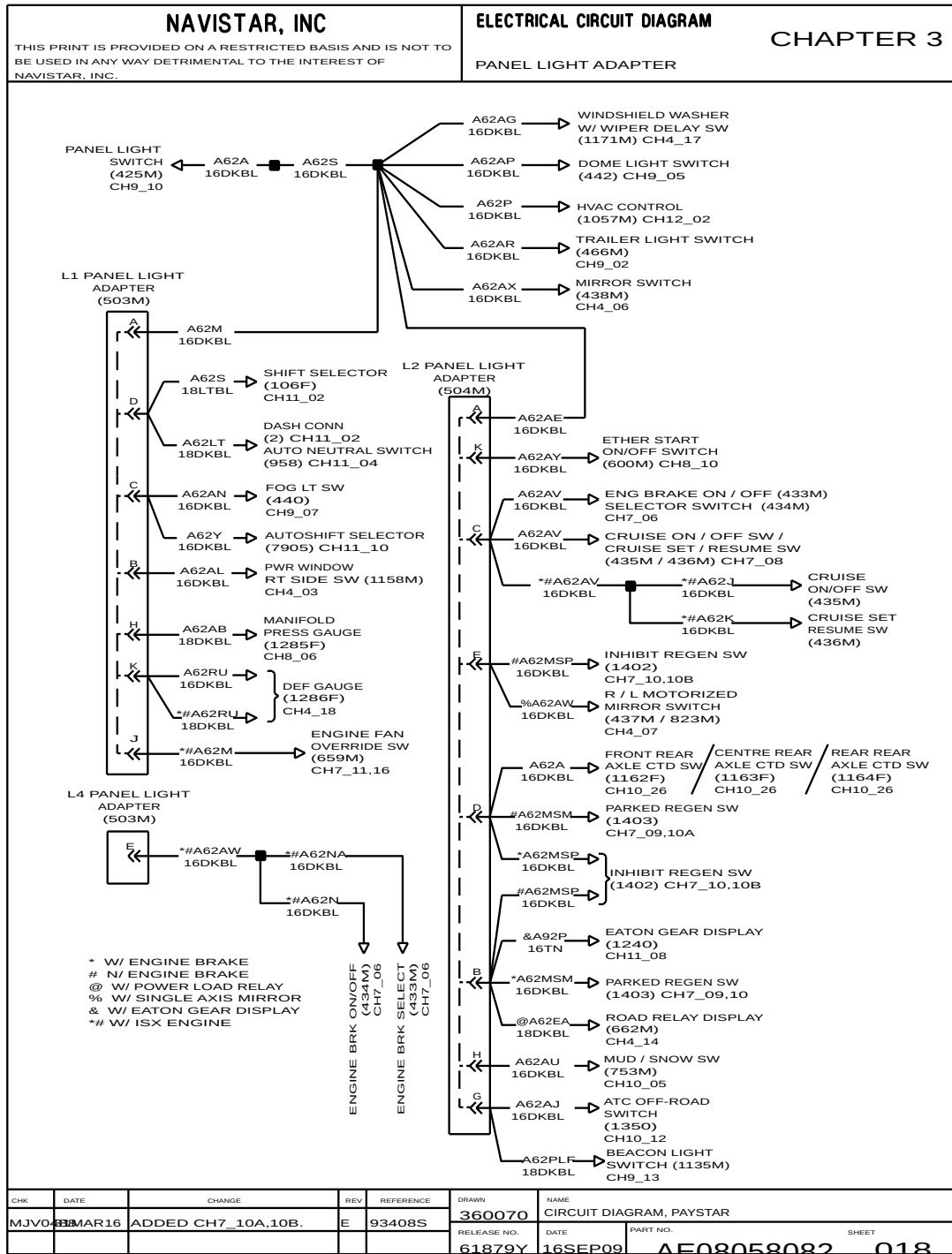


Figure 40 Panel Light Adapter

3.29. ECA POWER, P. 19

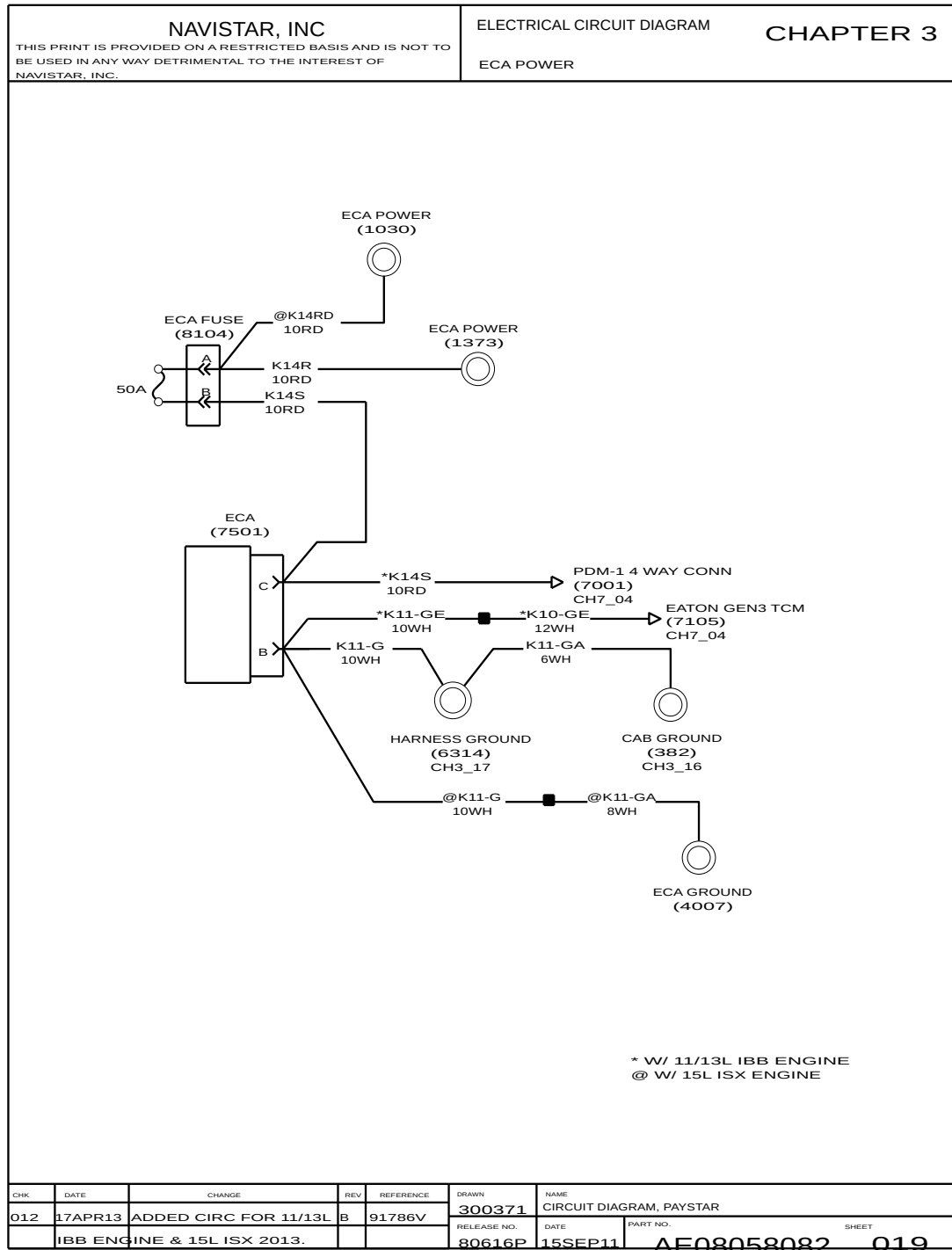


Figure 41 ECA Power

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

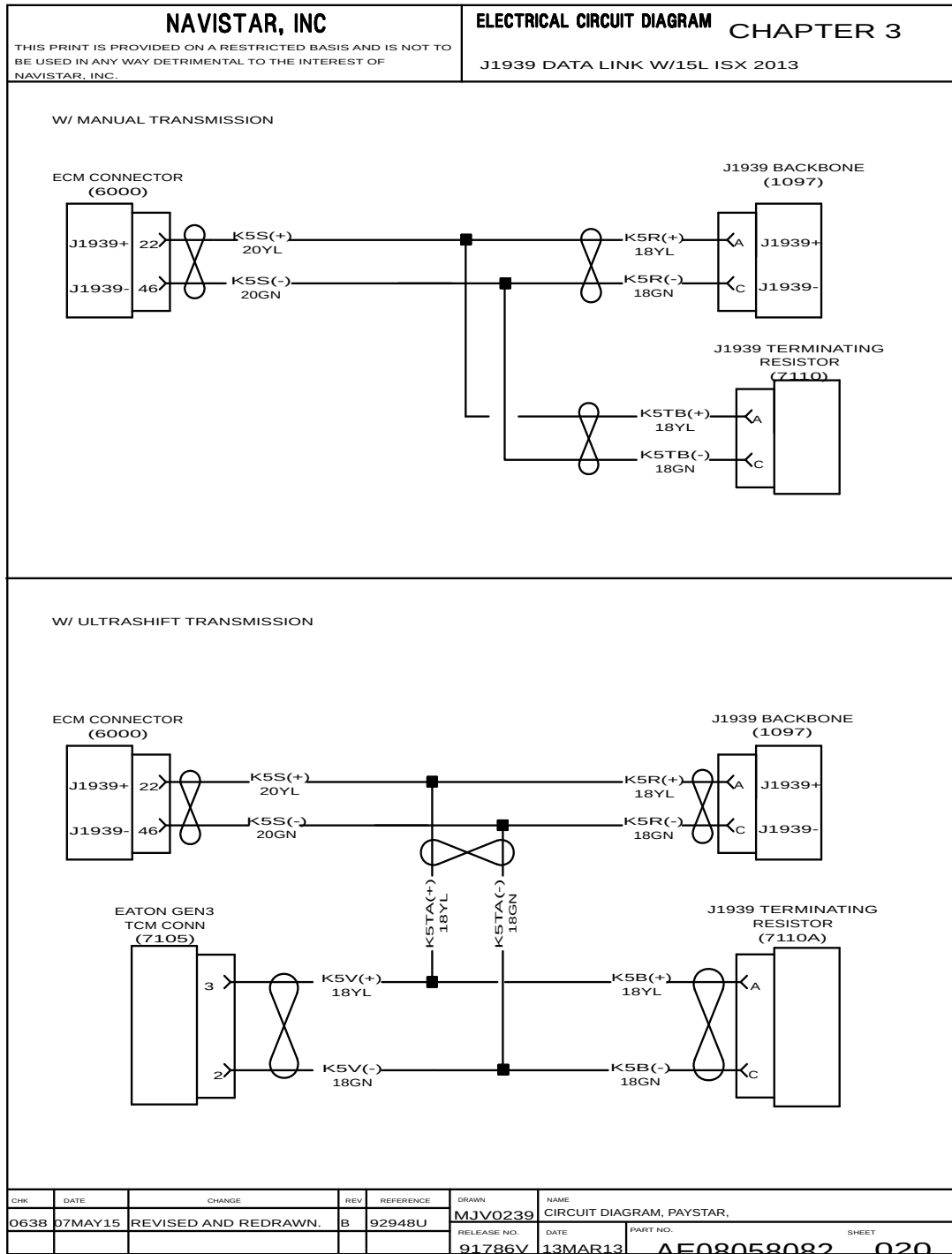


Figure 42 J1939 Data Link with 15L ISX 2013

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

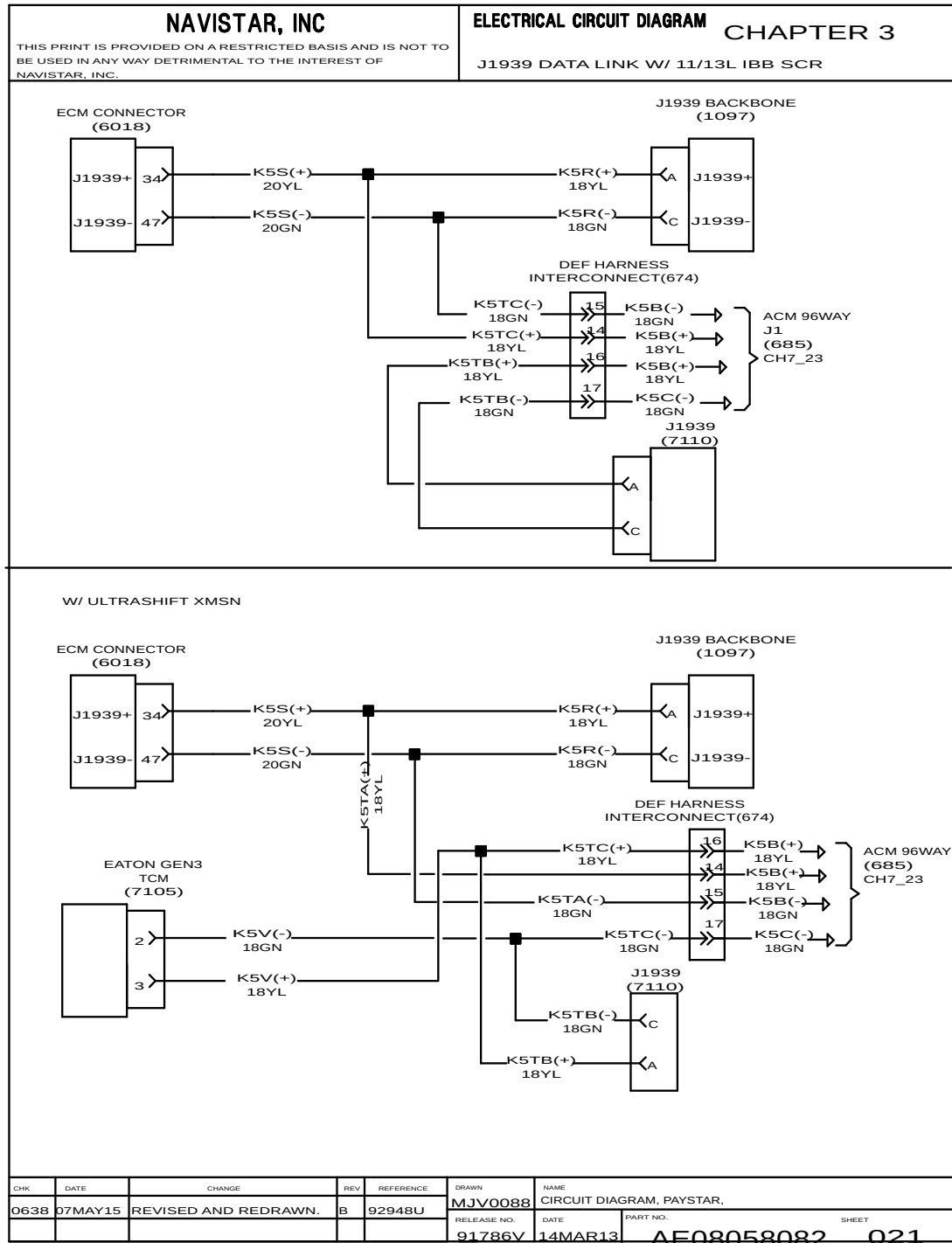


Figure 43 Cab J1939 Data Link with 11 / 13L IBB SCR

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.32. ECM SWITCH GND SPLICE, P. 22

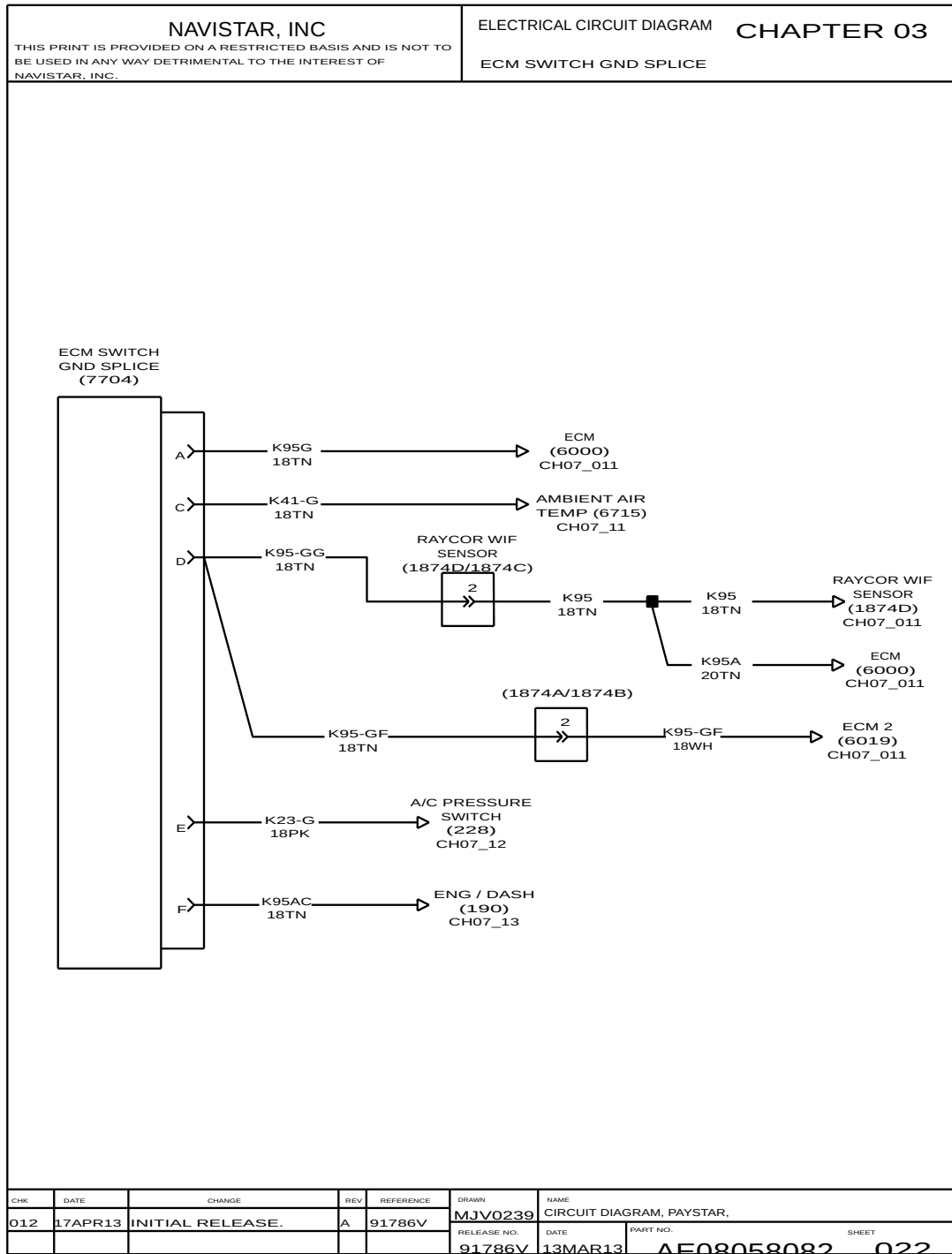


Figure 44 ECM Switch GND Splice

3.33. ECM SWITCH GND SPLICE 2, P. 23

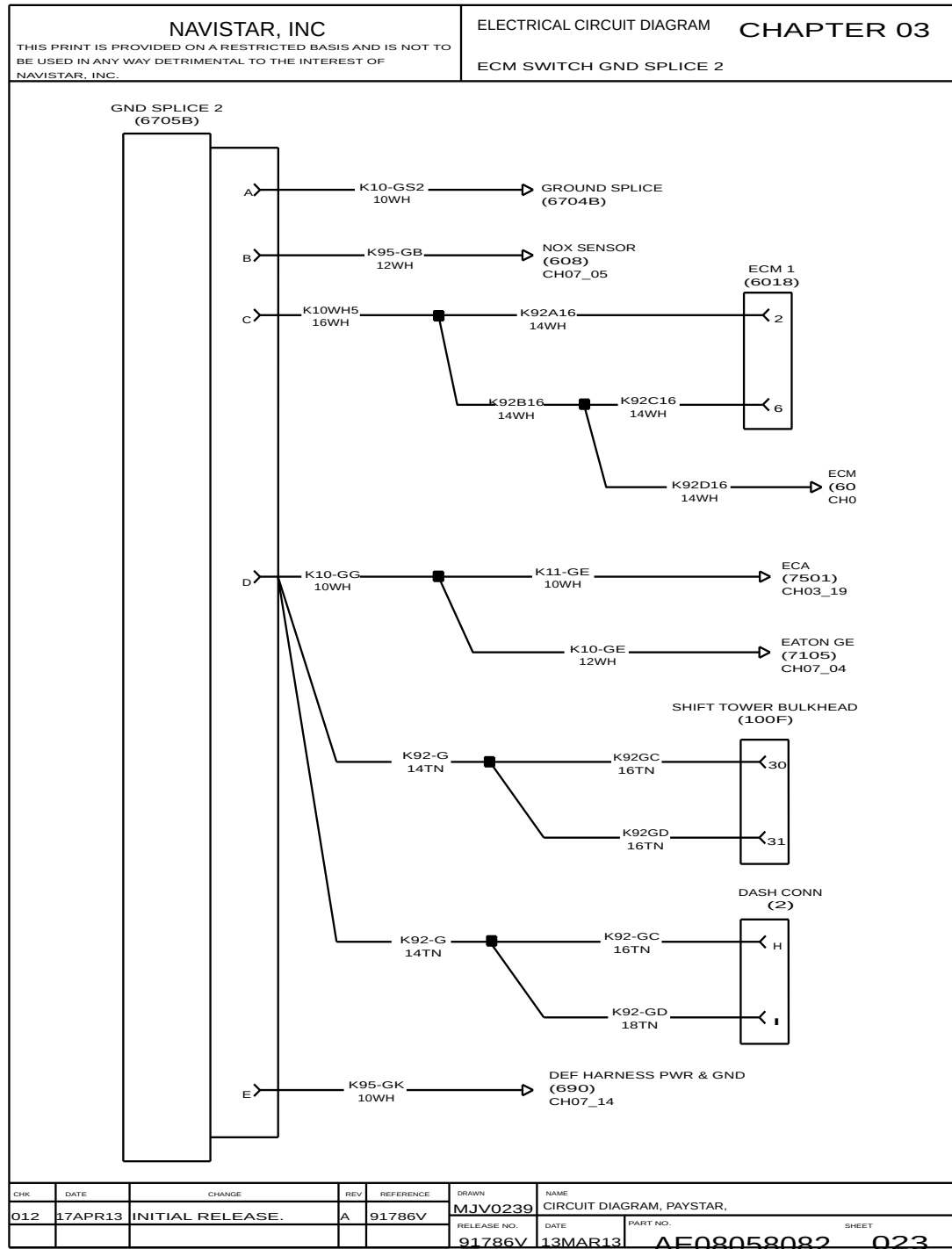


Figure 45 ECM Switch GND Splice 2

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

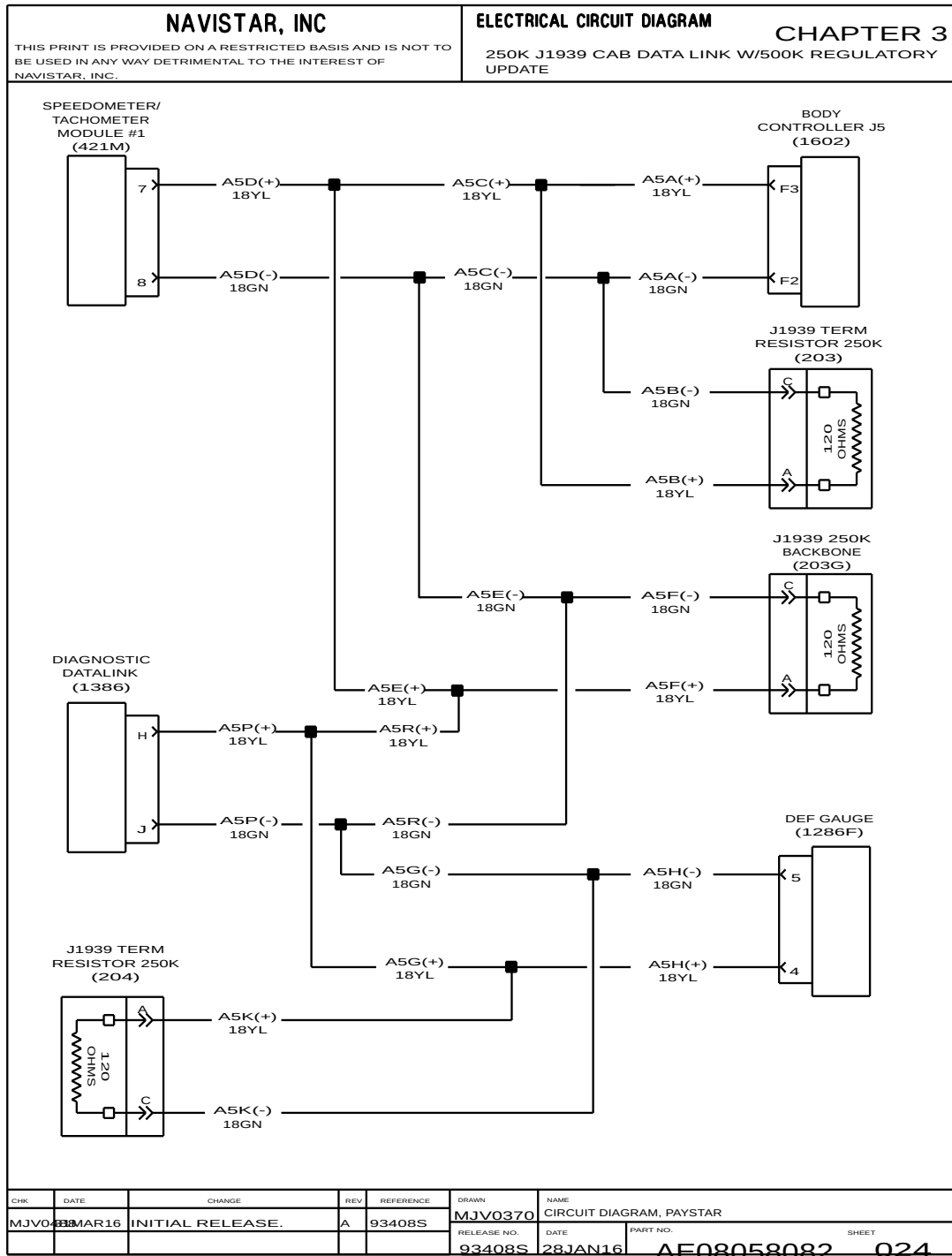


Figure 46 250K J1939 Cab Data Link with 500K Regulatory Update

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

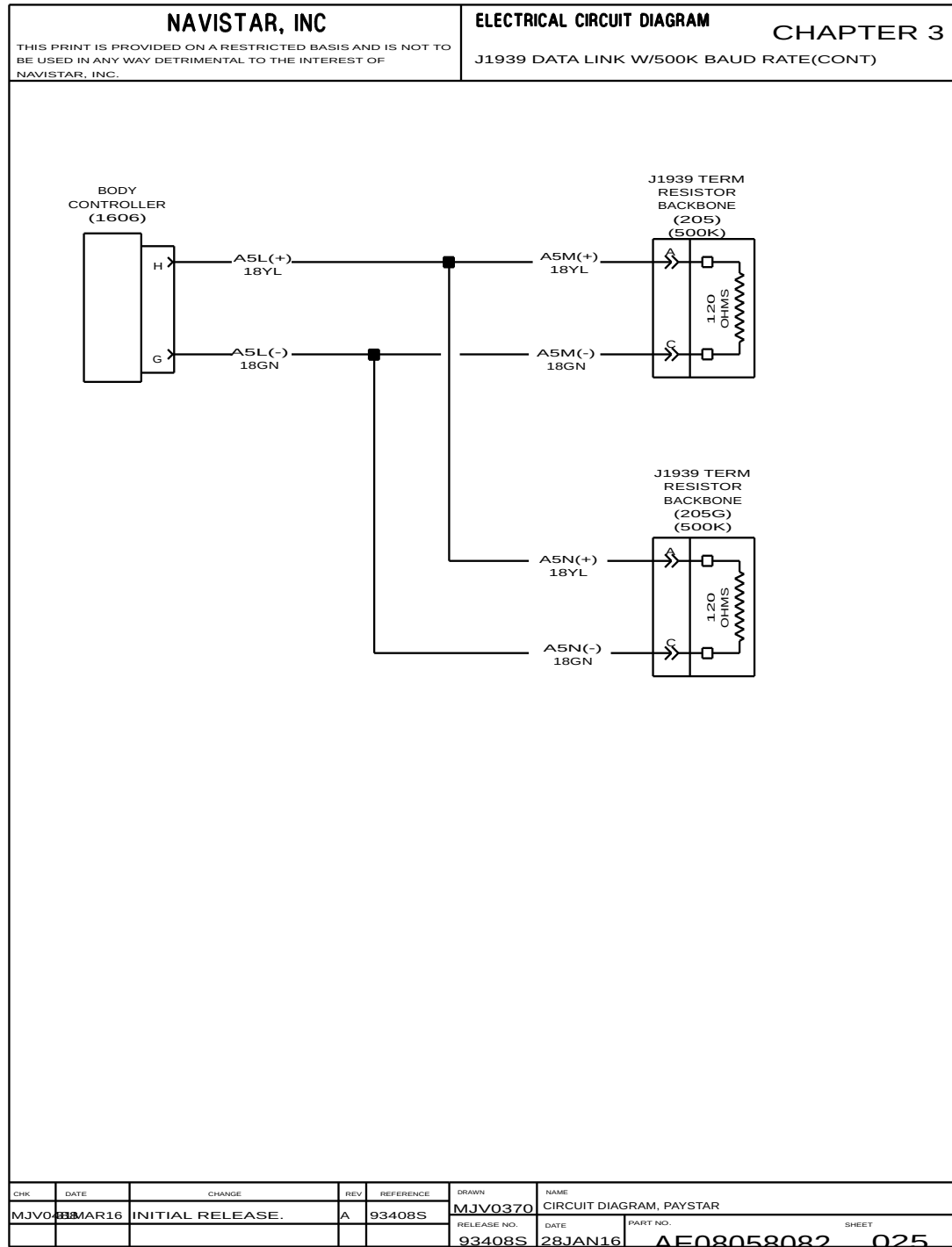


Figure 47 J1939 Data Link with 500K Baud Rate (Cont.)

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 4

ELECTRIC WINDOW - RIGHT AND LEFT

The diagram illustrates the electrical system for the right and left electric windows. Power originates from the battery (B1, BATTERY STUD CH3_03) via a 6RD wire (#A14K) and an 8RD wire (*A14K). The circuit includes a BATTERY ADAPTER (497M) and a KEY SWITCH (40M) CH3_09. A 20A FUSE F4-B (462M) is connected to the key switch. The power then splits into two main branches: one for the RIGHT WINDOW MOTOR (1045) and one for the LEFT WINDOW MOTOR (1044). Each branch includes a POWER WINDOW SW DRIVER (1033 for right, 1040 for left) and a POWER WINDOW LEFT & RIGHT RELAY (201M). The diagram also shows the ACCESSORY ADAPTER (499M) and the GROUND ADAPTER (455M). The circuit is completed by the LEFT CAB GND STUD (56F). The diagram includes various wire labels (e.g., A83J, A83K, A83L, A83M, A83N, A83O, A83P, A83Q, A83R, A83S, A83T, A83U, A83V, A83W, A83X, A83Y, A83Z, A83AA, A83AB, A83AC, A83AD, A83AE, A83AF, A83AG, A83AH, A83AI, A83AJ, A83AK, A83AL, A83AM, A83AN, A83AO, A83AP, A83AQ, A83AR, A83AS, A83AT, A83AU, A83AV, A83AW, A83AX, A83AY, A83AZ, A83BA, A83BB, A83BC, A83BD, A83BE, A83BF, A83BG, A83BH, A83BI, A83BJ, A83BK, A83BL, A83BM, A83BN, A83BO, A83BP, A83BQ, A83BR, A83BS, A83BT, A83BU, A83BV, A83BW, A83BX, A83BY, A83BZ, A83CA, A83CB, A83CC, A83CD, A83CE, A83CF, A83CG, A83CH, A83CI, A83CJ, A83CK, A83CL, A83CM, A83CN, A83CO, A83CP, A83CQ, A83CR, A83CS, A83CT, A83CU, A83CV, A83CW, A83CX, A83CY, A83CZ, A83DA, A83DB, A83DC, A83DD, A83DE, A83DF, A83DG, A83DH, A83DI, A83DJ, A83DK, A83DL, A83DM, A83DN, A83DO, A83DP, A83DQ, A83DR, A83DS, A83DT, A83DU, A83DV, A83DW, A83DX, A83DY, A83DZ, A83EA, A83EB, A83EC, A83ED, A83EE, A83EF, A83EG, A83EH, A83EI, A83EJ, A83EK, A83EL, A83EM, A83EN, A83EO, A83EP, A83EQ, A83ER, A83ES, A83ET, A83EU, A83EV, A83EW, A83EX, A83EY, A83EZ, A83FA, A83FB, A83FC, A83FD, A83FE, A83FF, A83FG, A83FH, A83FI, A83FJ, A83FK, A83FL, A83FM, A83FN, A83FO, A83FP, A83FQ, A83FR, A83FS, A83FT, A83FU, A83FV, A83FW, A83FX, A83FY, A83FZ, A83GA, A83GB, A83GC, A83GD, A83GE, A83GF, A83GG, A83GH, A83GI, A83GJ, A83GK, A83GL, A83GM, A83GN, A83GO, A83GP, A83GQ, A83GR, A83GS, A83GT, A83GU, A83GV, A83GW, A83GX, A83GY, A83GZ, A83HA, A83HB, A83HC, A83HD, A83HE, A83HF, A83HG, A83HH, A83HI, A83HJ, A83HK, A83HL, A83HM, A83HN, A83HO, A83HP, A83HQ, A83HR, A83HS, A83HT, A83HU, A83HV, A83HW, A83HX, A83HY, A83HZ, A83IA, A83IB, A83IC, A83ID, A83IE, A83IF, A83IG, A83IH, A83II, A83IJ, A83IK, A83IL, A83IM, A83IN, A83IO, A83IP, A83IQ, A83IR, A83IS, A83IT, A83IU, A83IV, A83IW, A83IX, A83IY, A83IZ, A83JA, A83JB, A83JC, A83JD, A83JE, A83JF, A83JG, A83JH, A83JI, A83JJ, A83JK, A83JL, A83JM, A83JN, A83JO, A83JP, A83JQ, A83JR, A83JS, A83JT, A83JU, A83JV, A83JW, A83JX, A83JY, A83JZ, A83KA, A83KB, A83KC, A83KD, A83KE, A83KF, A83KG, A83KH, A83KI, A83KJ, A83KK, A83KL, A83KM, A83KN, A83KO, A83KP, A83KQ, A83KR, A83KS, A83KT, A83KU, A83KV, A83KW, A83KX, A83KY, A83KZ, A83LA, A83LB, A83LC, A83LD, A83LE, A83LF, A83LG, A83LH, A83LI, A83LJ, A83LK, A83LL, A83LM, A83LN, A83LO, A83LP, A83LQ, A83LR, A83LS, A83LT, A83LU, A83LV, A83LW, A83LX, A83LY, A83LZ, A83MA, A83MB, A83MC, A83MD, A83ME, A83MF, A83MG, A83MH, A83MI, A83MJ, A83MK, A83ML, A83MN, A83MO, A83MP, A83MQ, A83MR, A83MS, A83MT, A83MU, A83MV, A83MW, A83MX, A83MY, A83MZ, A83NA, A83NB, A83NC, A83ND, A83NE, A83NF, A83NG, A83NH, A83NI, A83NJ, A83NK, A83NL, A83NM, A83NN, A83NO, A83NP, A83NQ, A83NR, A83NS, A83NT, A83NU, A83NV, A83NW, A83NX, A83NY, A83NZ, A83OA, A83OB, A83OC, A83OD, A83OE, A83OF, A83OG, A83OH, A83OI, A83OJ, A83OK, A83OL, A83OM, A83ON, A83OO, A83OP, A83OQ, A83OR, A83OS, A83OT, A83OU, A83OV, A83OW, A83OX, A83OY, A83OZ, A83PA, A83PB, A83PC, A83PD, A83PE, A83PF, A83PG, A83PH, A83PI, A83PJ, A83PK, A83PL, A83PM, A83PN, A83PO, A83PP, A83PQ, A83PR, A83PS, A83PT, A83PU, A83PV, A83PW, A83PX, A83PY, A83PZ, A83QA, A83QB, A83QC, A83QD, A83QE, A83QF, A83QG, A83QH, A83QI, A83QJ, A83QK, A83QL, A83QM, A83QN, A83QO, A83QP, A83QQ, A83QR, A83QS, A83QT, A83QU, A83QV, A83QW, A83QX, A83QY, A83QZ, A83RA, A83RB, A83RC, A83RD, A83RE, A83RF, A83RG, A83RH, A83RI, A83RJ, A83RK, A83RL, A83RM, A83RN, A83RO, A83RP, A83RQ, A83RR, A83RS, A83RT, A83RU, A83RV, A83RW, A83RX, A83RY, A83RZ, A83SA, A83SB, A83SC, A83SD, A83SE, A83SF, A83SG, A83SH, A83SI, A83SJ, A83SK, A83SL, A83SM, A83SN, A83SO, A83SP, A83SQ, A83SR, A83SS, A83ST, A83SU, A83SV, A83SW, A83SX, A83SY, A83SZ, A83TA, A83TB, A83TC, A83TD, A83TE, A83TF, A83TG, A83TH, A83TI, A83TJ, A83TK, A83TL, A83TM, A83TN, A83TO, A83TP, A83TQ, A83TR, A83TS, A83TT, A83TU, A83TV, A83TW, A83TX, A83TY, A83TZ, A83UA, A83UB, A83UC, A83UD, A83UE, A83UF, A83UG, A83UH, A83UI, A83UJ, A83UK, A83UL, A83UM, A83UN, A83UO, A83UP, A83UQ, A83UR, A83US, A83UT, A83UU, A83UV, A83UW, A83UX, A83UY, A83UZ, A83VA, A83VB, A83VC, A83VD, A83VE, A83VF, A83VG, A83VH, A83VI, A83VJ, A83VK, A83VL, A83VM, A83VN, A83VO, A83VP, A83VQ, A83VR, A83VS, A83VT, A83VU, A83VV, A83VW, A83VX, A83VY, A83VZ, A83WA, A83WB, A83WC, A83WD, A83WE, A83WF, A83WG, A83WH, A83WI, A83WJ, A83WK, A83WL, A83WM, A83WN, A83WO, A83WP, A83WQ, A83WR, A83WS, A83WT, A83WU, A83WV, A83WW, A83WX, A83WY, A83WZ, A83XA, A83XB, A83XC, A83XD, A83XE, A83XF, A83XG, A83XH, A83XI, A83XJ, A83XK, A83XL, A83XM, A83XN, A83XO, A83XP, A83XQ, A83XR, A83XS, A83XT, A83XU, A83XV, A83XW, A83XX, A83XY, A83XZ, A83YA, A83YB, A83YC, A83YD, A83YE, A83YF, A83YG, A83YH, A83YI, A83YJ, A83YK, A83YL, A83YM, A83YN, A83YO, A83YP, A83YQ, A83YR, A83YS, A83YT, A83YU, A83YV, A83YW, A83YX, A83YY, A83YZ, A83ZA, A83ZB, A83ZC, A83ZD, A83ZE, A83ZF, A83ZG, A83ZH, A83ZI, A83ZJ, A83ZK, A83ZL, A83ZM, A83ZN, A83ZO, A83ZP, A83ZQ, A83ZR, A83ZS, A83ZT, A83ZU, A83ZV, A83ZW, A83ZX, A83ZY, A83ZZ).

* W/ ENGINE BRAKE
N/ ENGINE BRAKE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
DLV1	12JAN11	INITIAL RELEASE.	A	61879Y	360070	CIRCUIT DIAGRAM, PAYSTAR

Figure 49 Electric Window – Right and Left

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.3. ELECTRIC WINDOW – RIGHT, P. 3

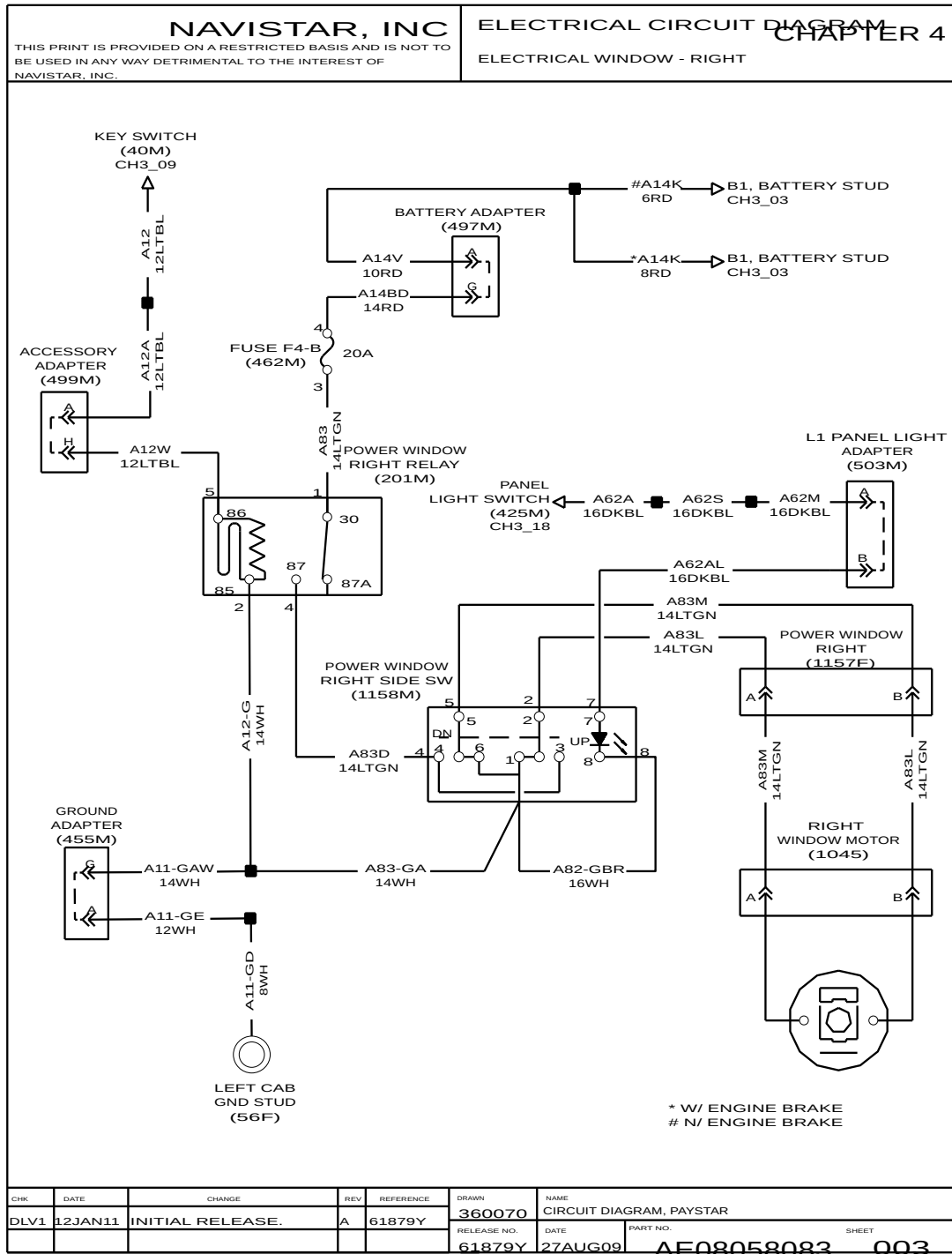


Figure 50 Electric Window – Right

4.4. DEFROSTER FAN(S), P. 4

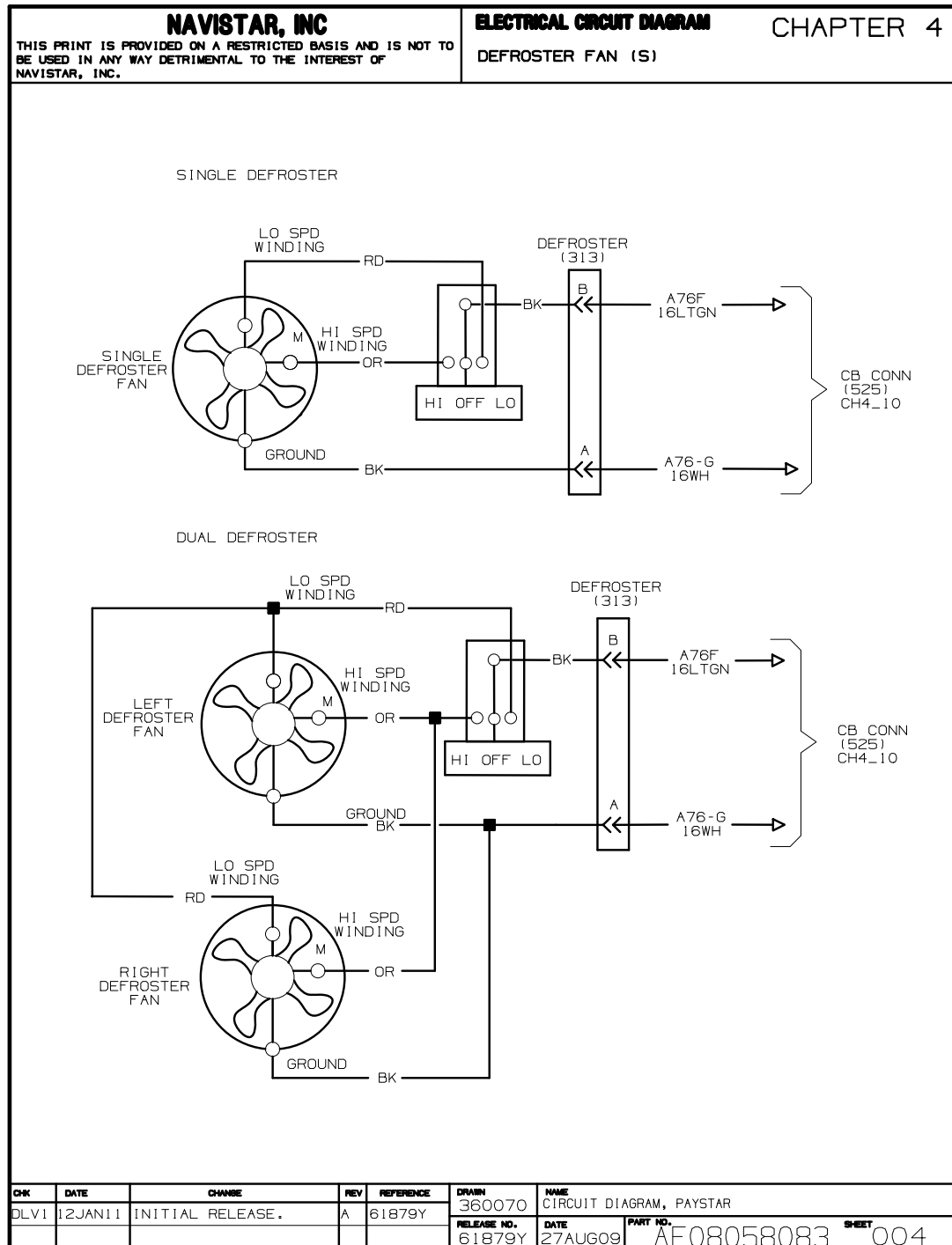


Figure 51 Defroster Fan(s)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.5. HORN, P. 5

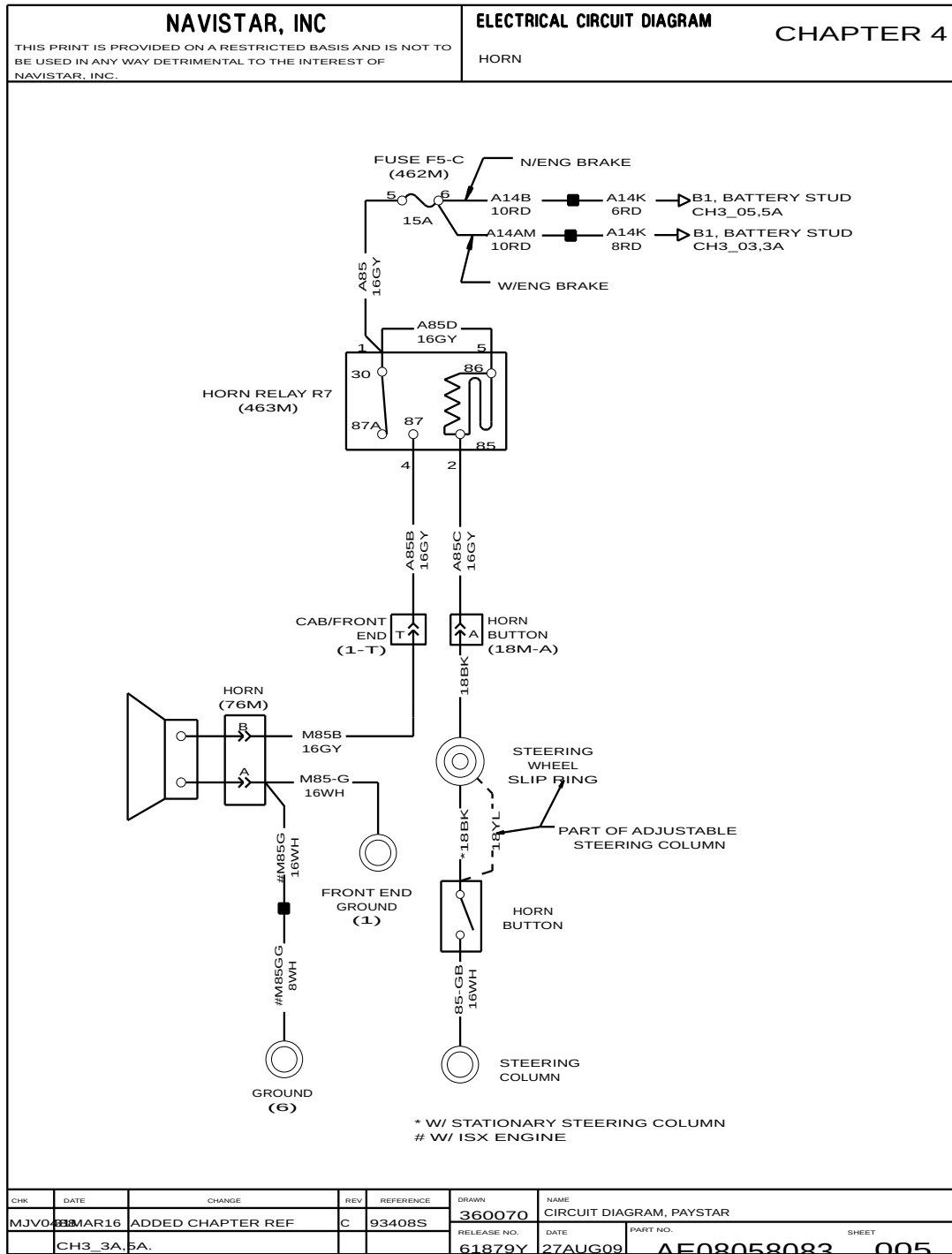


Figure 52 Horn

[illegible]

53

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.7. LEFT AND RIGHT MOTORIZED MIRRORS, P. 7

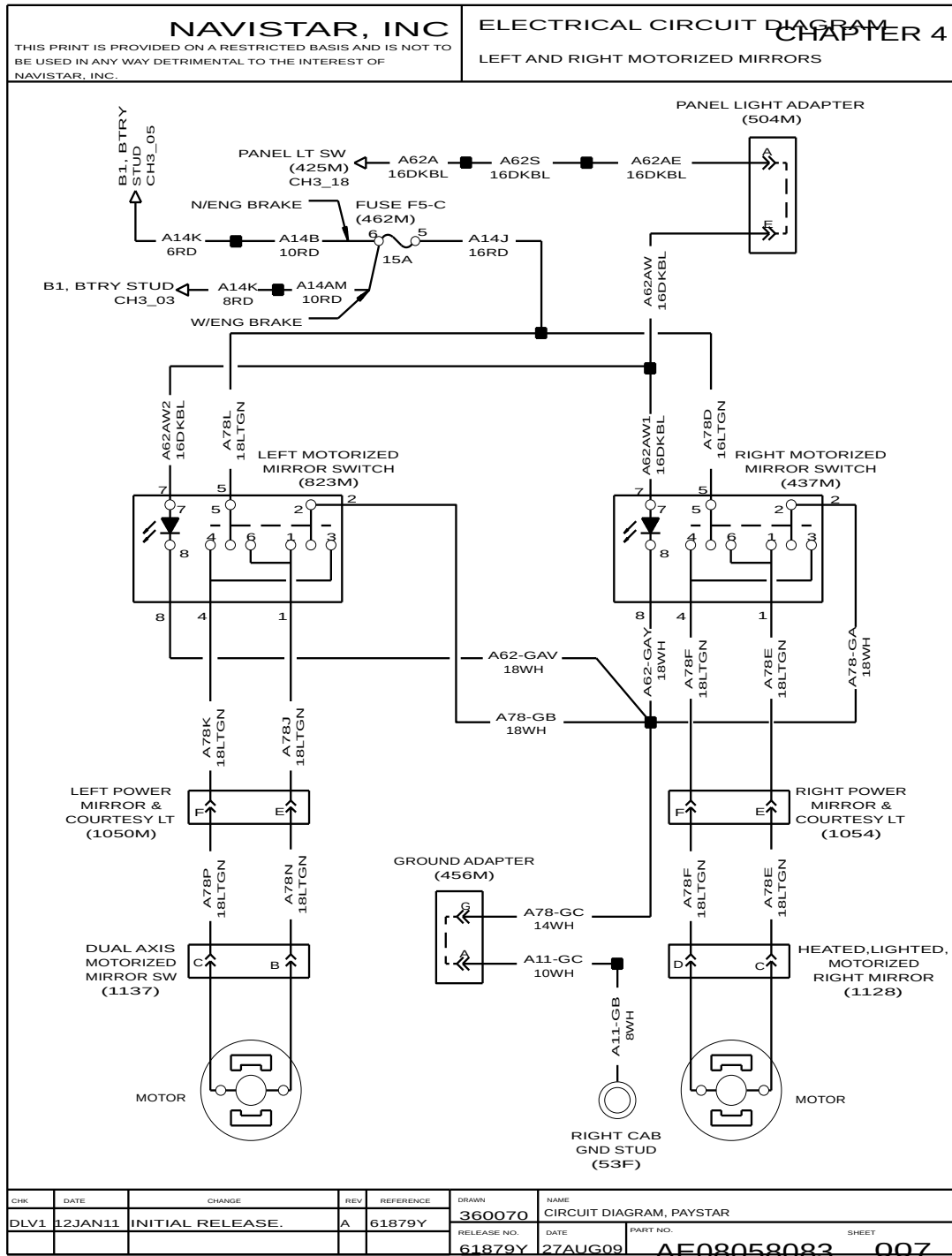


Figure 54 Left and Right Motorized Mirrors

4.8. DUAL AXIS MOTORIZED MIRRORS, P. 8

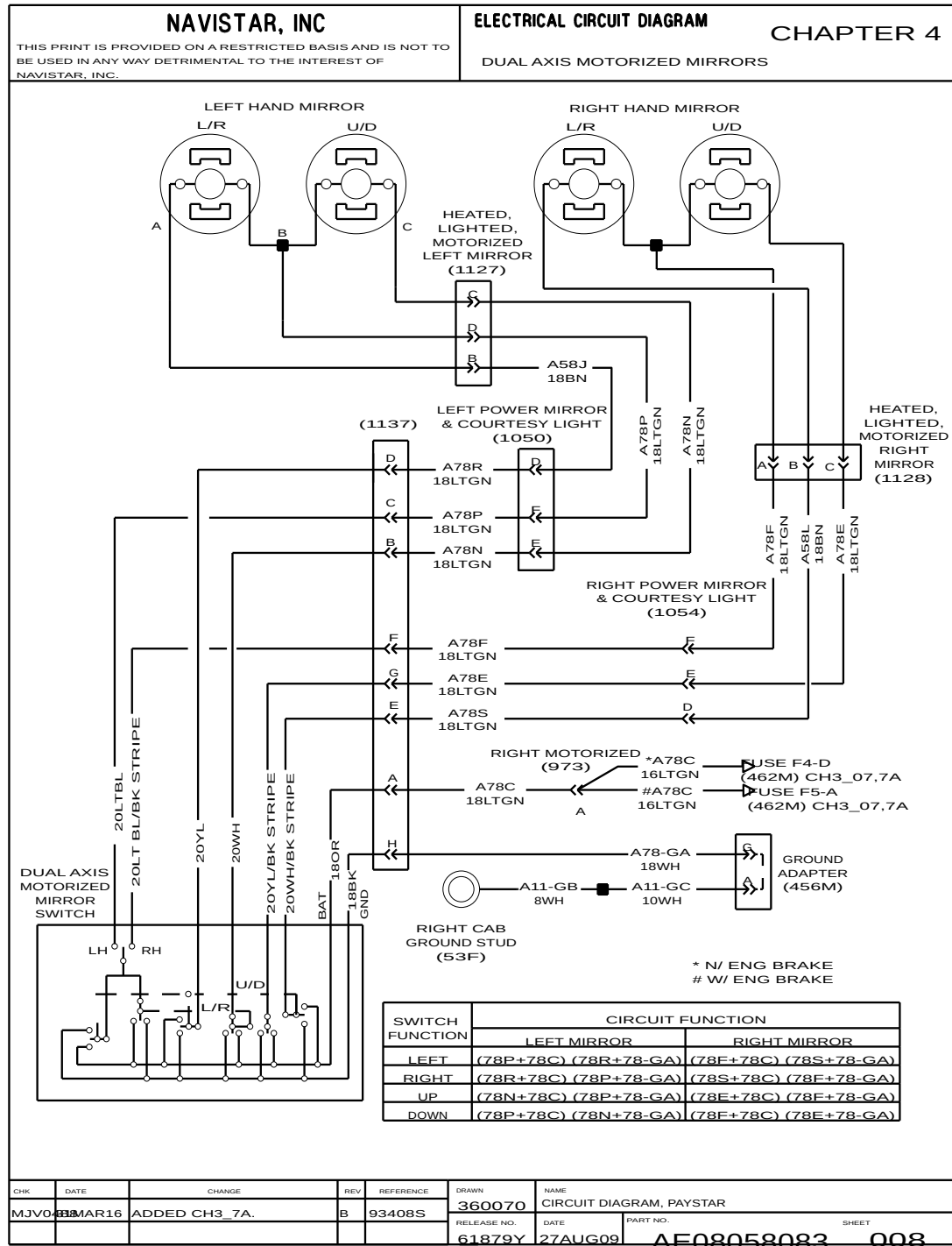


Figure 55 Dual Axis Motorized Mirrors

4.10. RADIO - CB ACCOMMODATION PACKAGE, P. 10

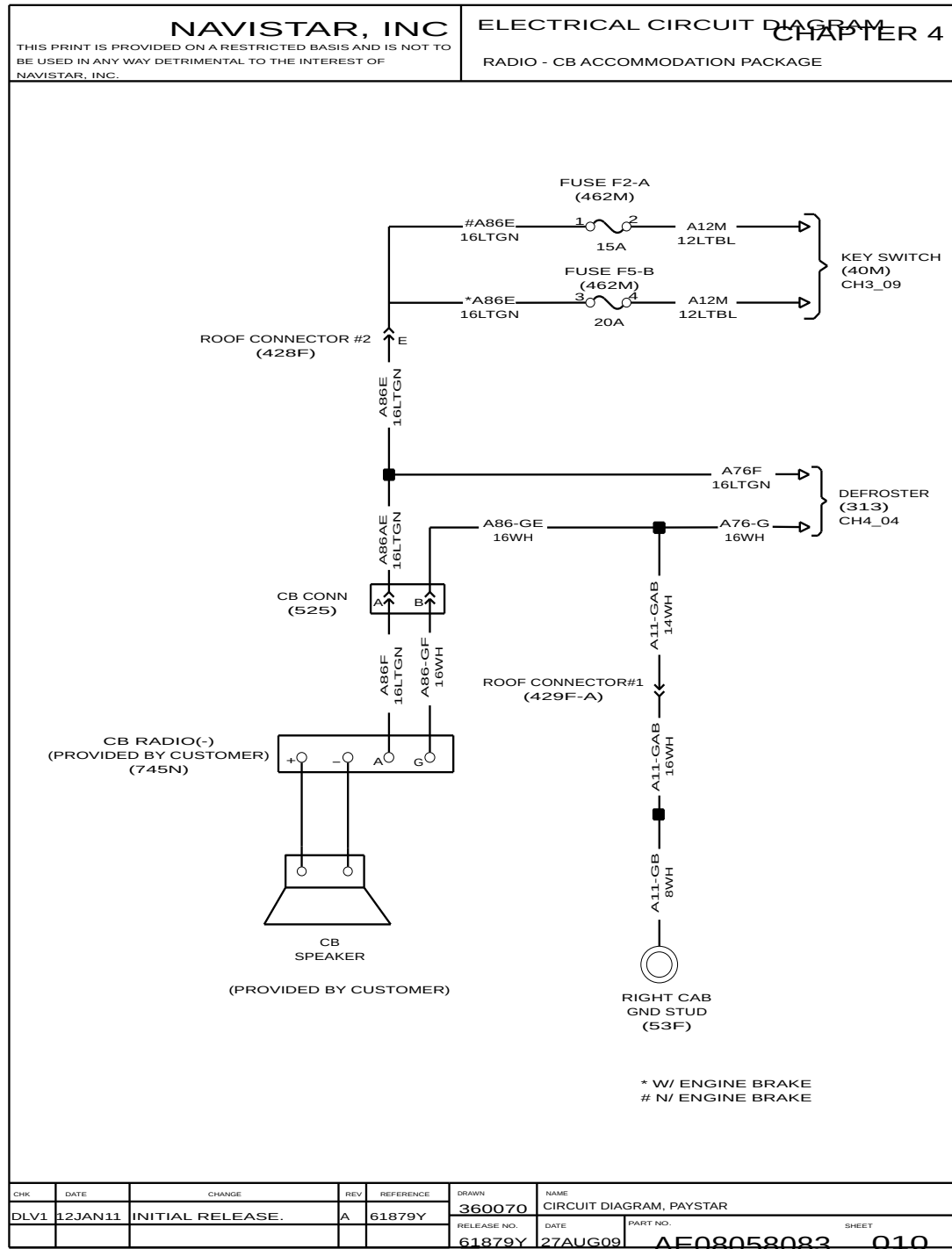


Figure 57 Radio - CB Accommodation Package

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.11. RADIO – CAB SPEAKERS, P. 11

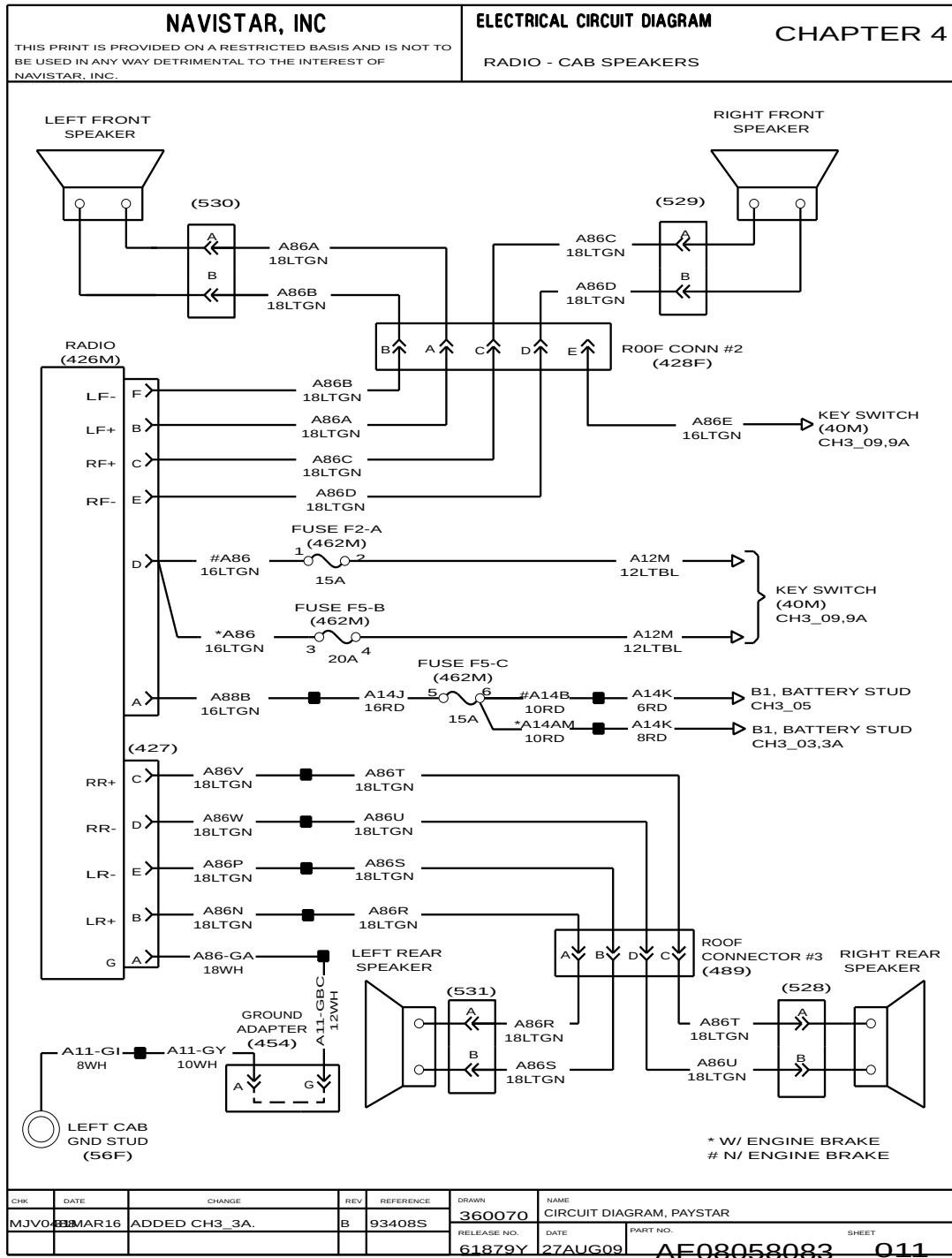


Figure 58 Radio – Cab Speakers

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

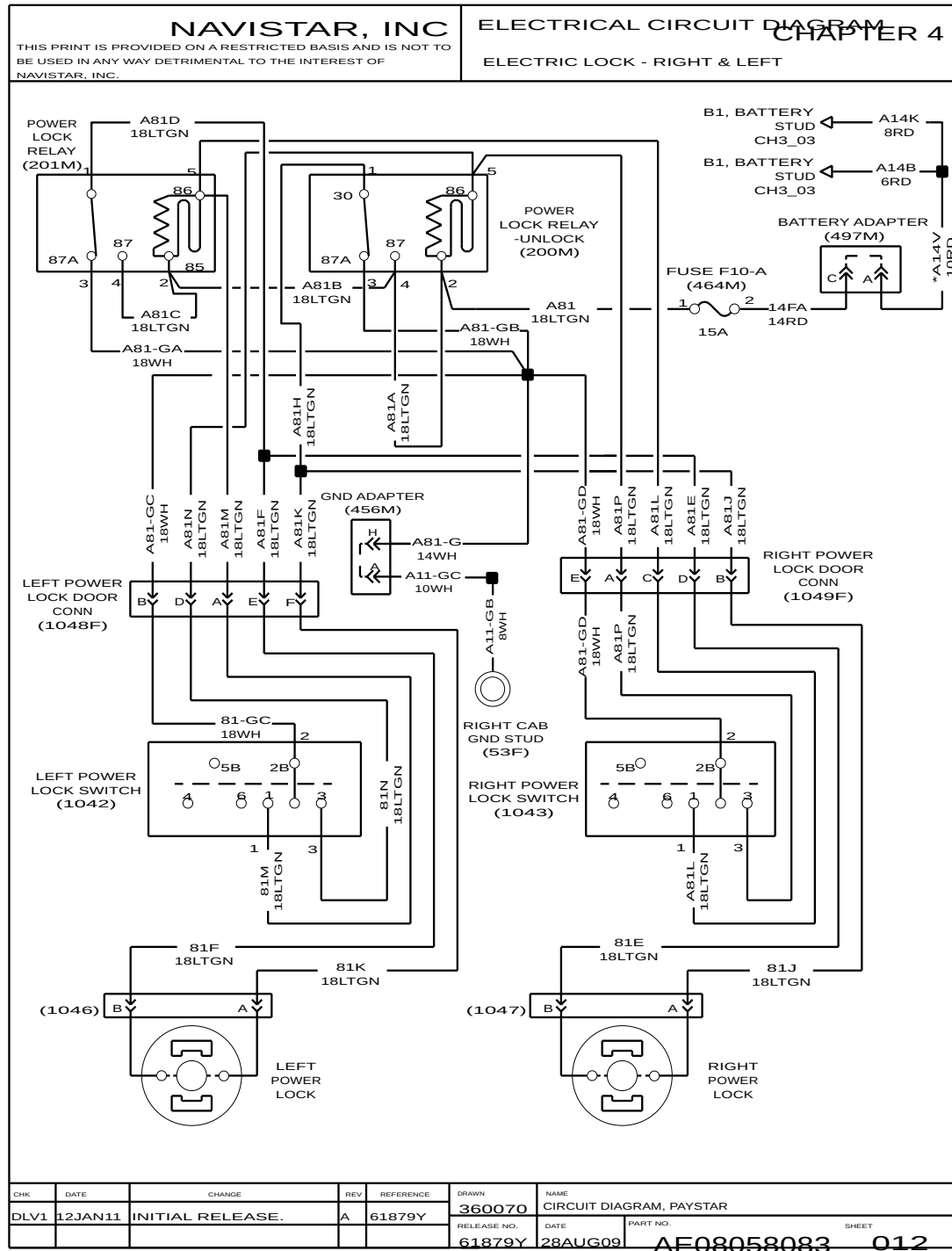


Figure 59 Electric Lock – Right and Left

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.13. TEMPERATURE / COMPASS DISPLAY, P. 13

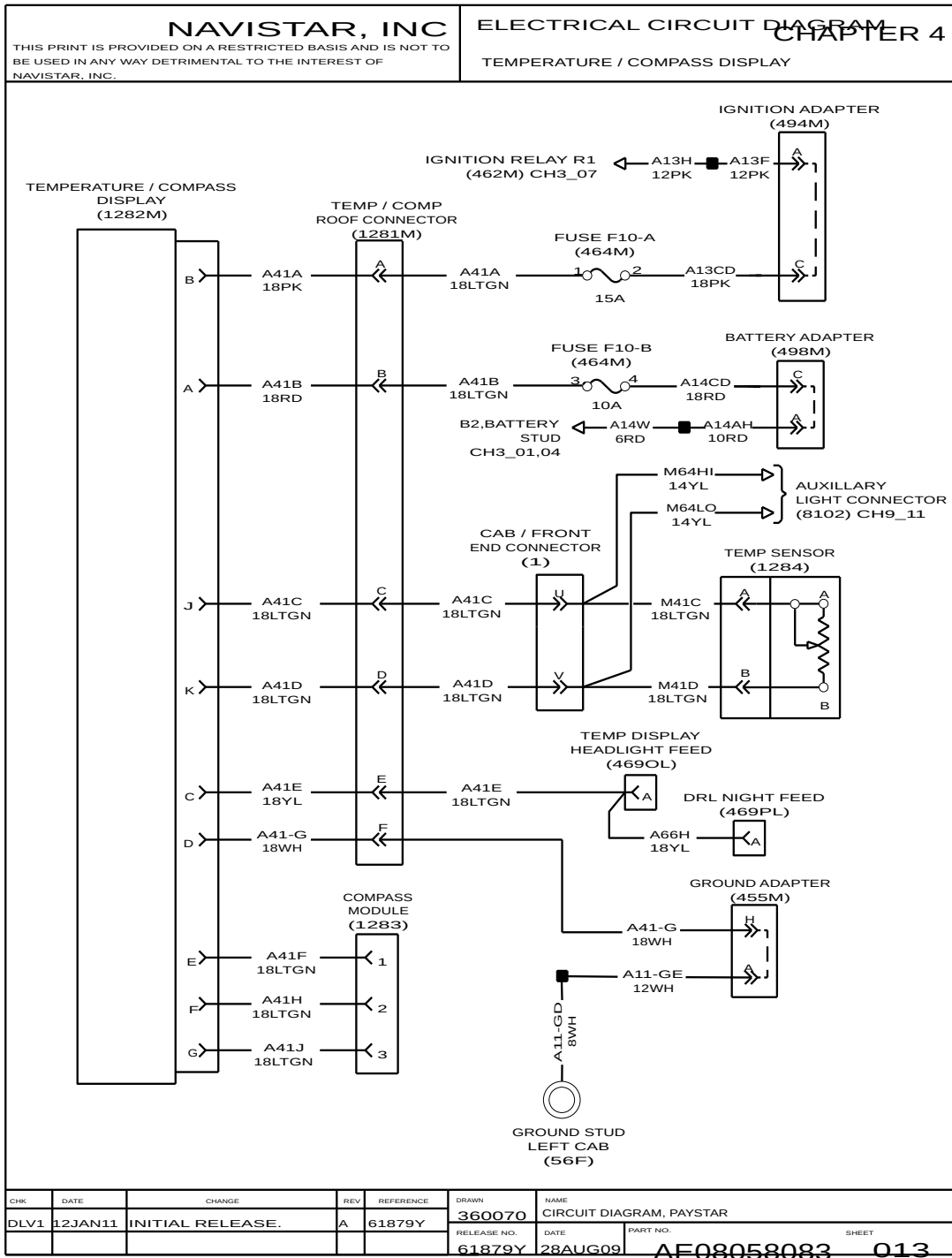


Figure 60 Temperature / Compass Display

4.14. ROAD RELAY IV, P. 14

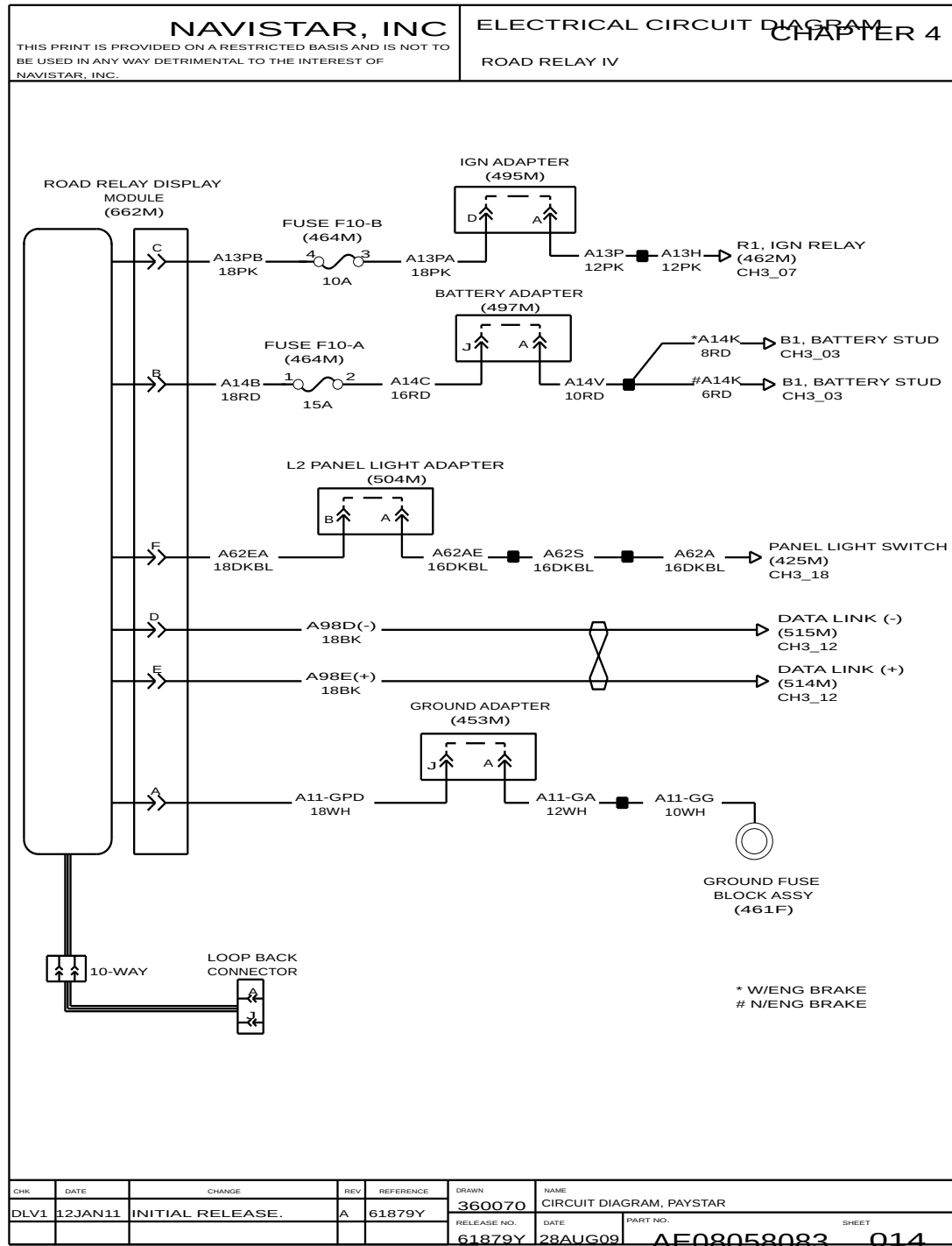


Figure 61 Road Relay IV

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.15. HEATED SEAT – DRIVER, P. 15

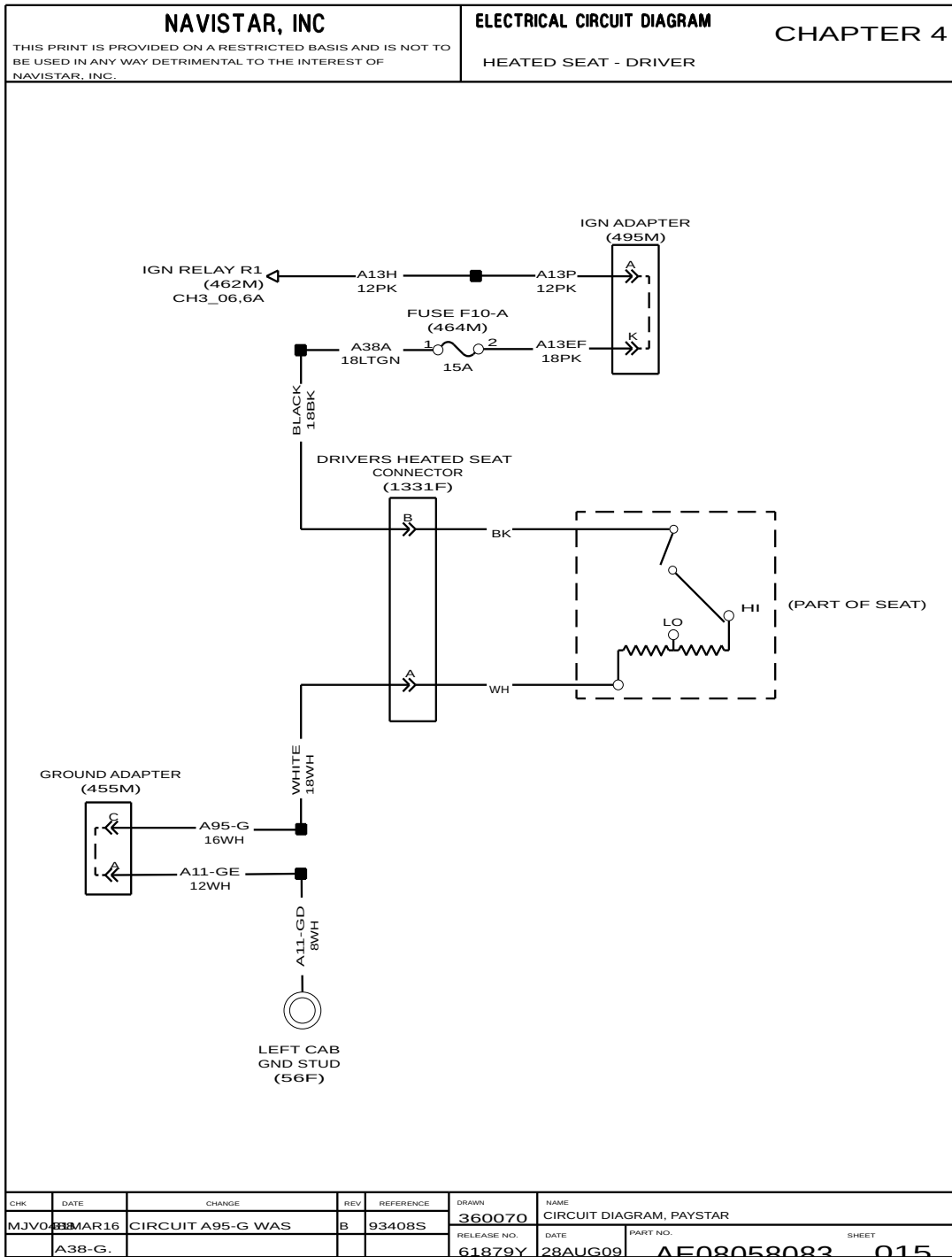


Figure 62 Heated Seat – Driver

4.16. HEATED SEAT – PASSENGER, P. 16

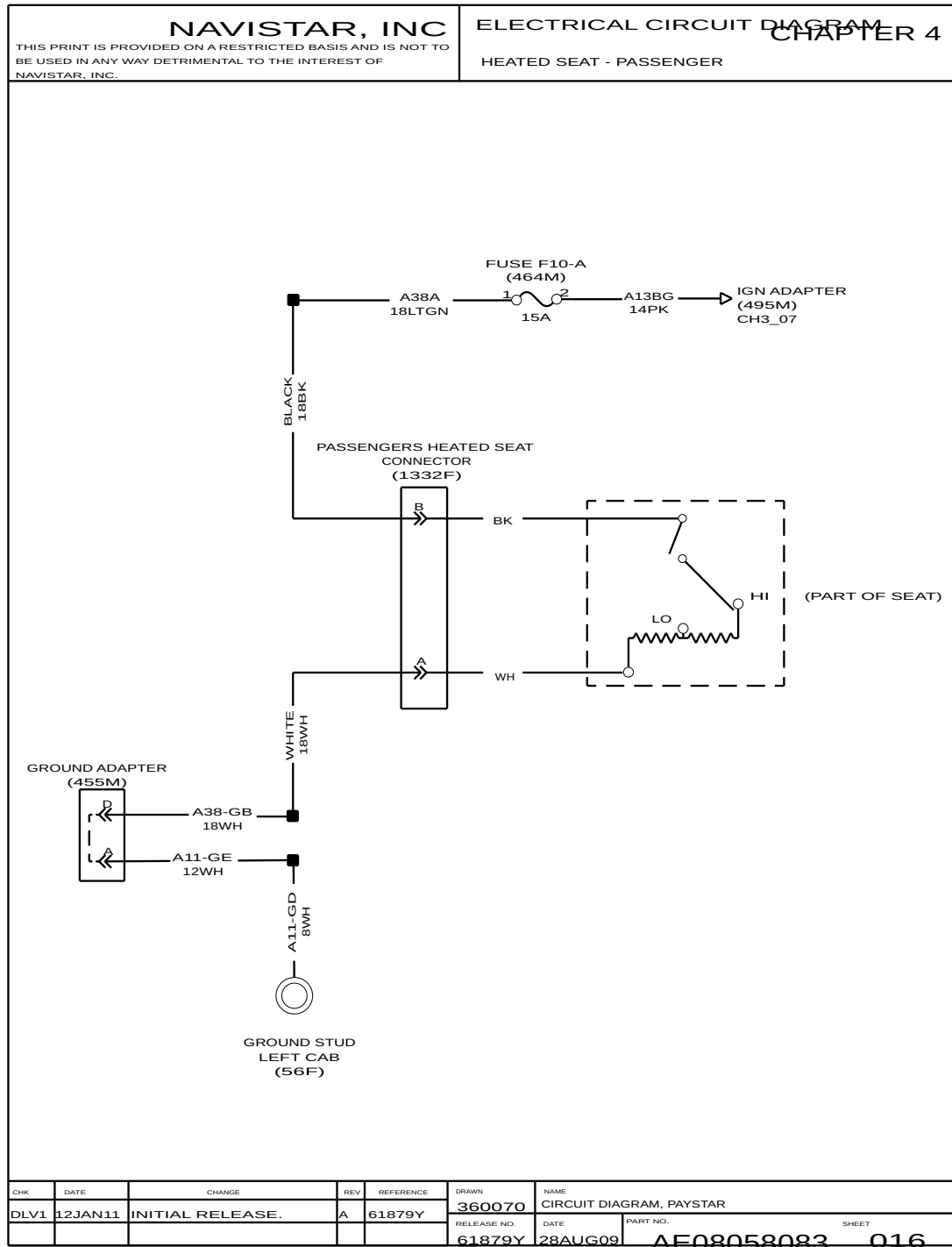


Figure 63 Heated Seat – Passenger

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.17. ELECTRIC WINDSHIELD WIPER WITH INTERMITTENT WIPE AND WASH, P. 17

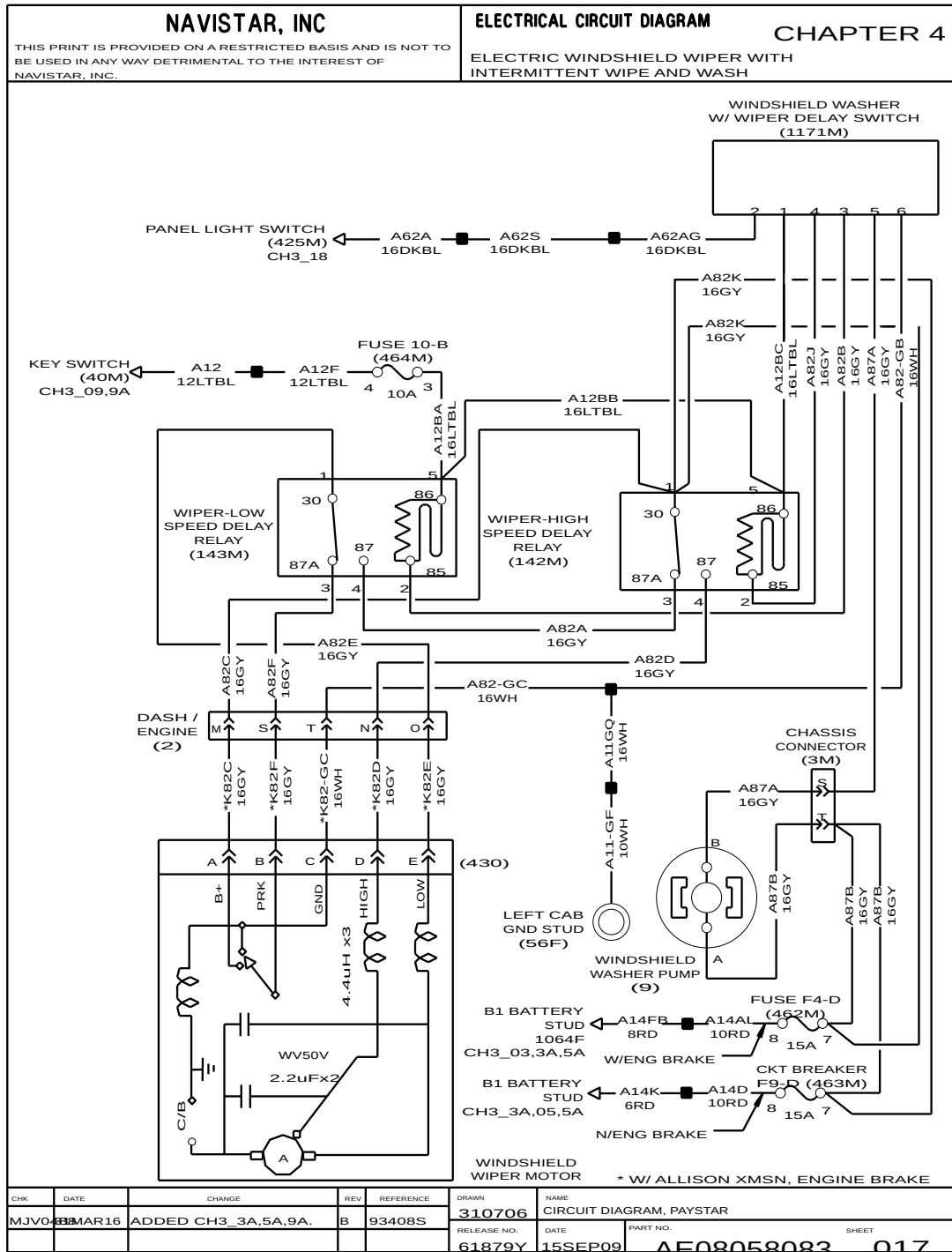


Figure 64 Electric Windshield Wiper with Intermittent Wipe and Wash

4.18. DEF GAUGE, P. 18

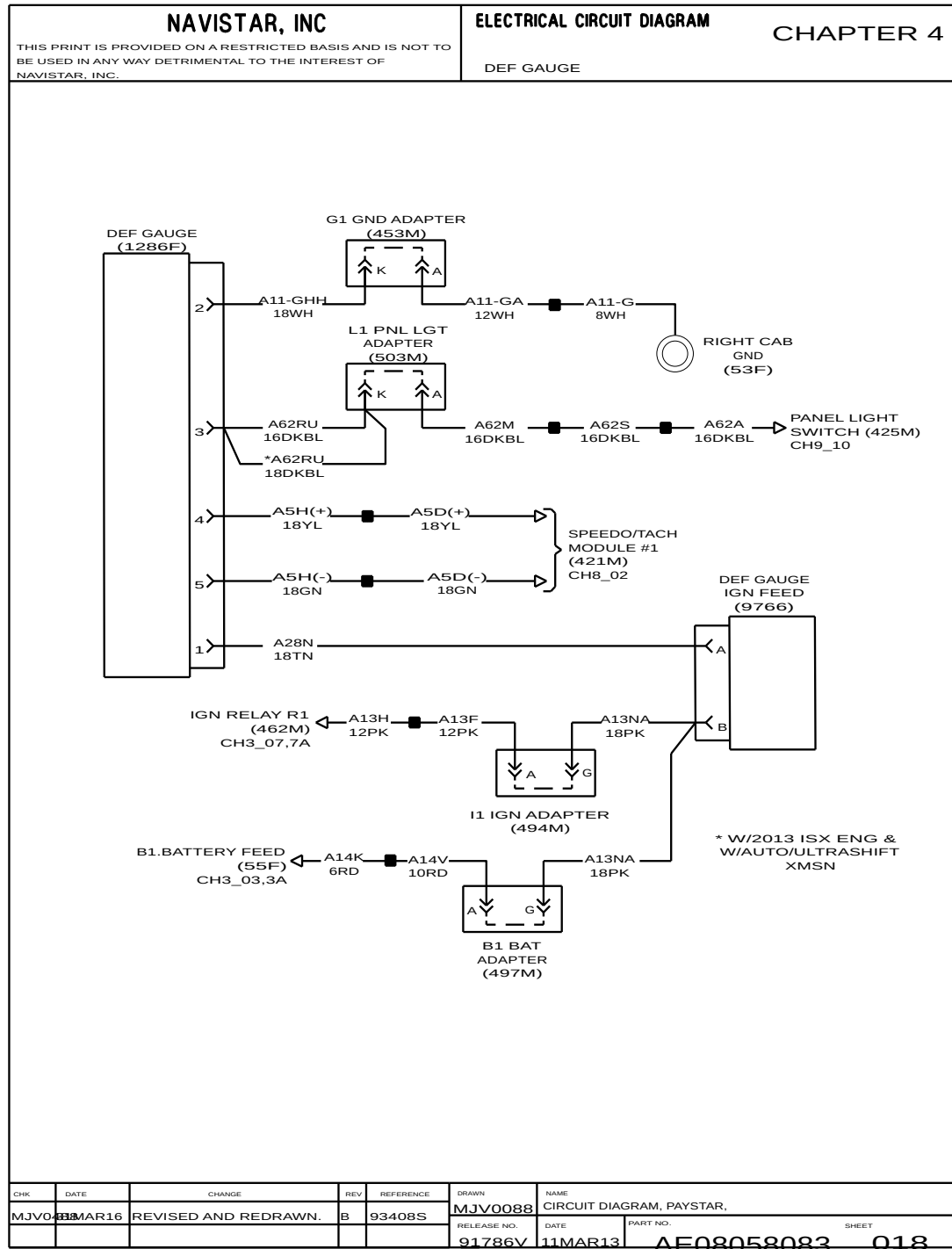


Figure 65 DEF Gauge

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.19. HEWITT MOTION SENSOR, P. 19

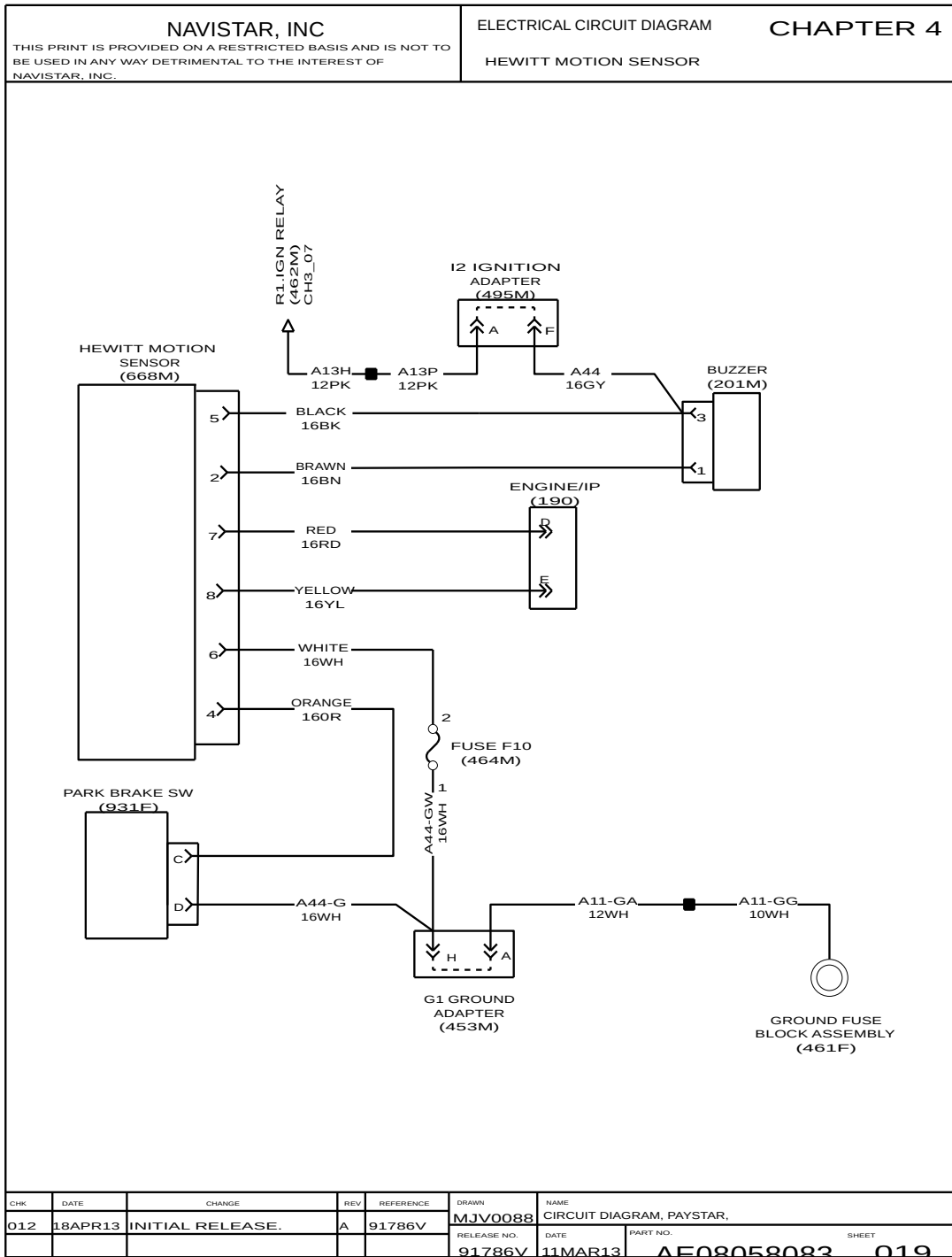


Figure 66 Hewitt Motion Sensor

CHARGING AND CRANKING (CHAPTER 5)

5.1. STARTER INTERLOCK WITH IBB ENGINES, P. 1

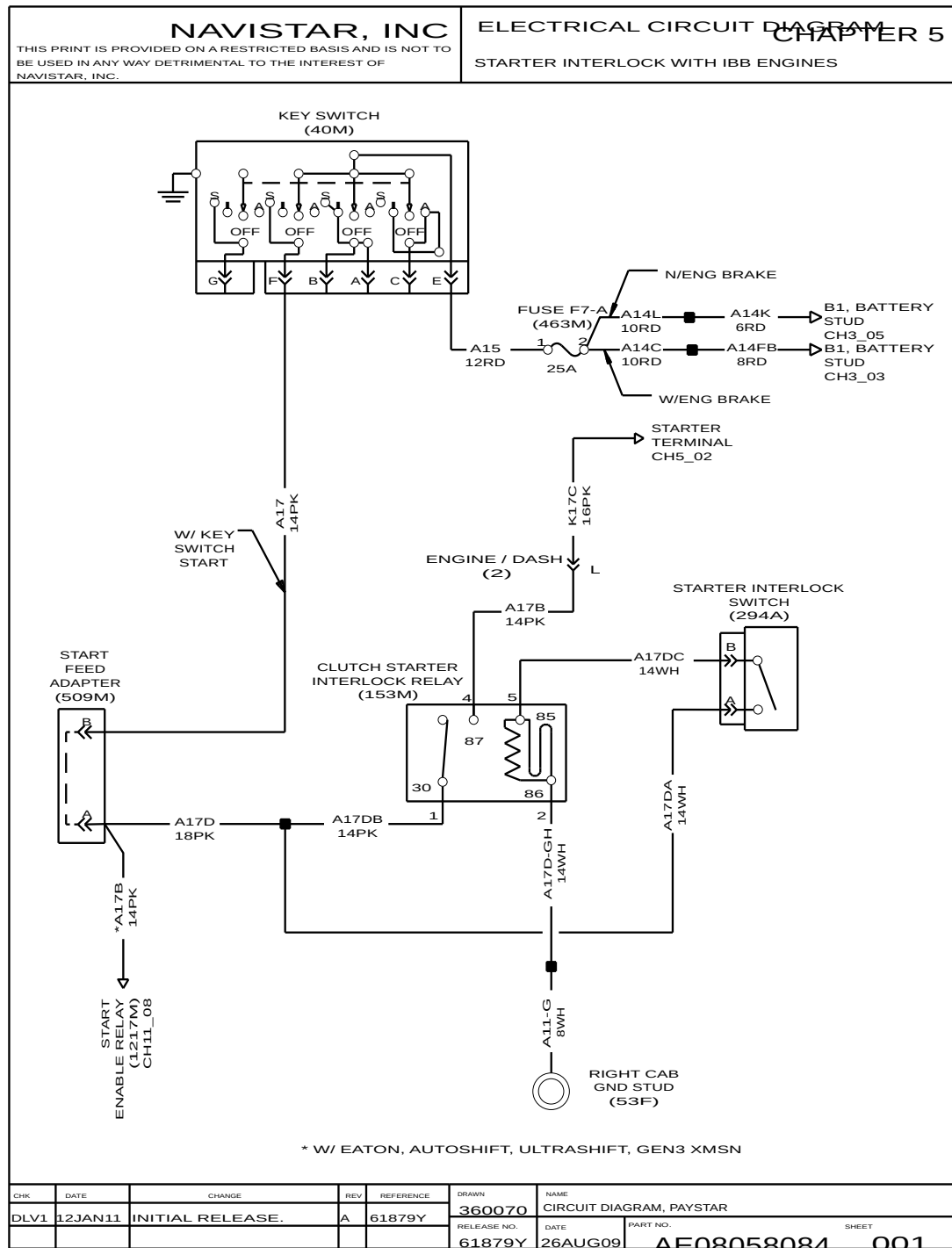


Figure 67 Starter Interlock with IBB Engines

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

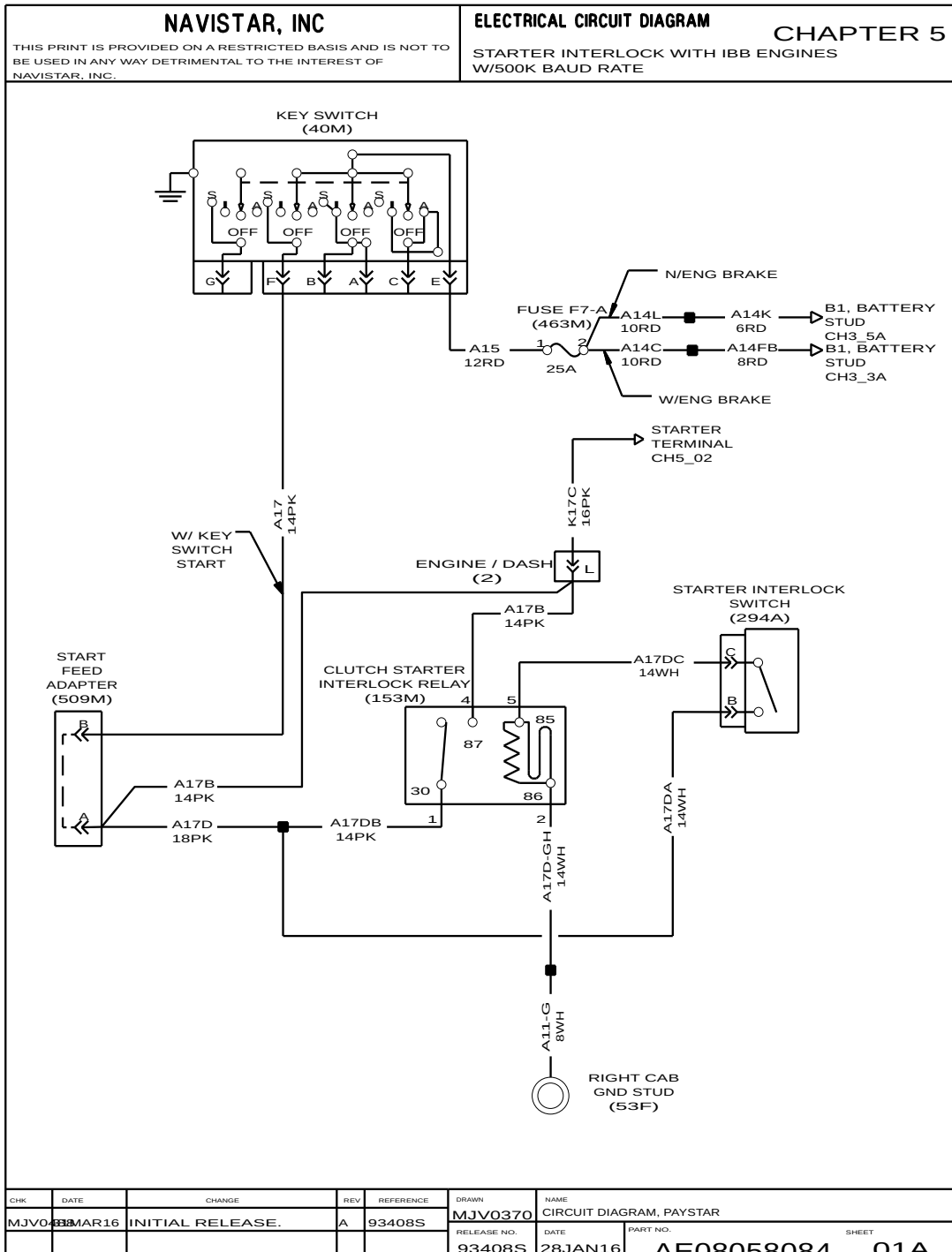


Figure 68 Starter Interlock with IBB Engines with 500K Baud Rate

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 5

STARTER INTERLOCK WITH IBB ENGINES

* W/ ALLISON XMSN, ENGINE BRAKE
W/ MANUAL XMSN
% W/ THERMAL OVERCRANK
@ W/ 11L AND 13L IBB ENGINE
** W/ 15L IBB ENGINE

W/ 1 GAUGE CHARGE
W/ LEECE NEVILLE

W/ 2 GAUGE CHARGE
W/ BOSCH

W/ 2 GAUGE CHARGE

W/ 1 GAUGE CHARGE

ALTERNATOR

FUSIBLE LINK

BATTERIES

FRAME GROUND

EATON GEN 3 TCM (7105)

TCM FUSE (1262)

XMSN BULKHEAD (100)

ENGINE DASH (2) CH11_02

ENGINE / CAB (2-L)

STARTER POWER

STARTER TERMINAL (6306 / 6307)

CLUTCH STARTER INTERLOCK RELAY (153M) CH5_01

KEY SWITCH (40)

B1, BTRY STUD CH3_03

W/ ENGINE BRAKE

FUSE F7-A (463M)

PUSH BUTTON START SWITCH (41)

START FEED ADAPTER (509M)

XMSN BULKHEAD (100-27)

VIM MODULE (108M)

THERMAL OVERCRANK (275)

TRANSMISSION CONTROL MODULE (7150)

GROUND NEUTRAL START

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	DATE	PART NO.	SHEET
0486	29DEC11	ADDED: CIRC K17A,	B	80616P	360070	CIRCUIT DIAGRAM, PAYSTAR			
		K17A1, R/D 275; RVSD CIRC FOR R/D 1262.			RELEASE NO.				
					61879Y		26AUG09	AE08058084	002

69

ELECTRICAL CIRCUIT DIAGRAM MANUAL

5.4. STARTER INTERLOCK WITH IBB ENGINES, P. 2A

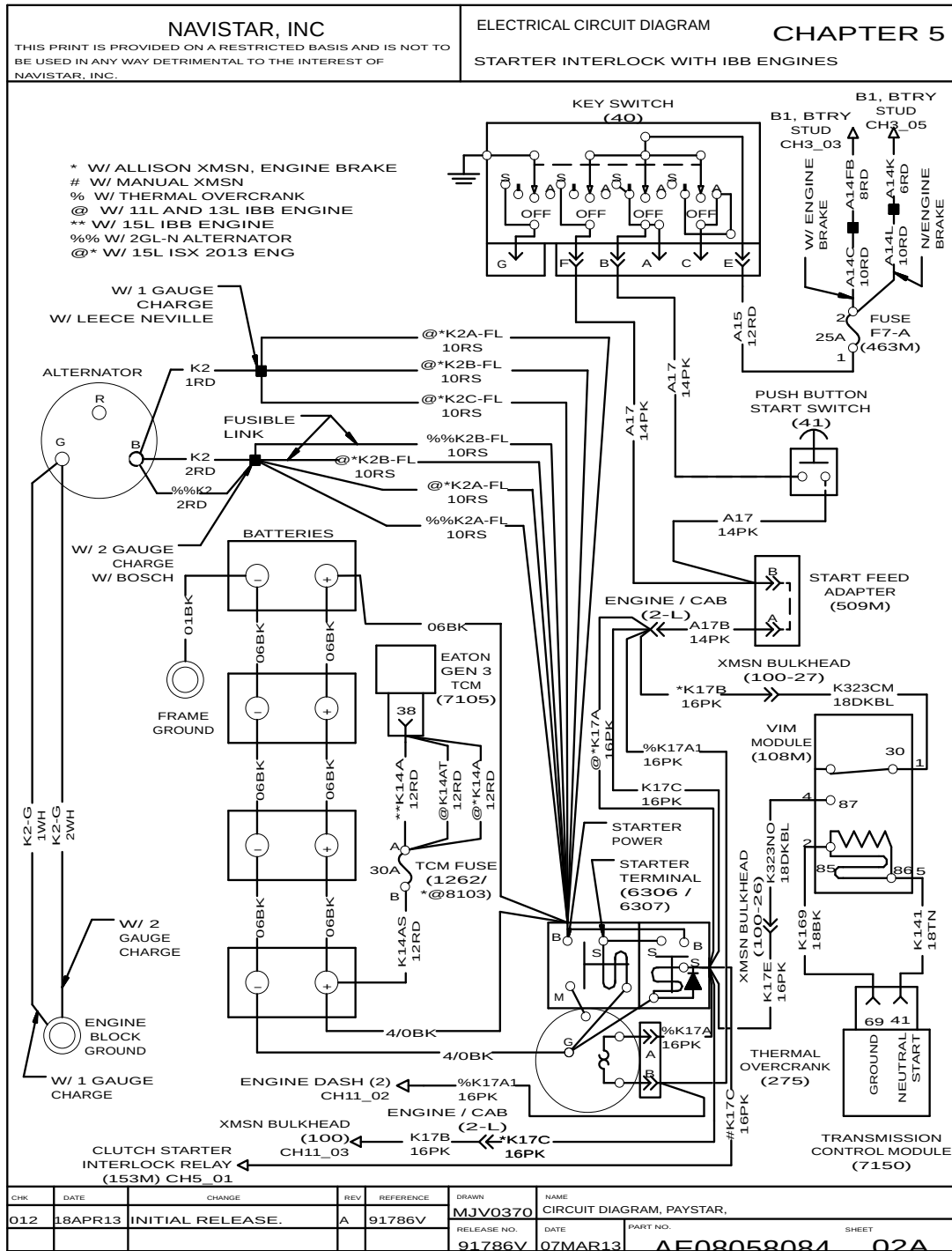


Figure 70 Starter Interlock with IBB Engines

FANS WIRING (CHAPTER 6)

6.1. FAN WIRING – IBB ENGINE, P. 1

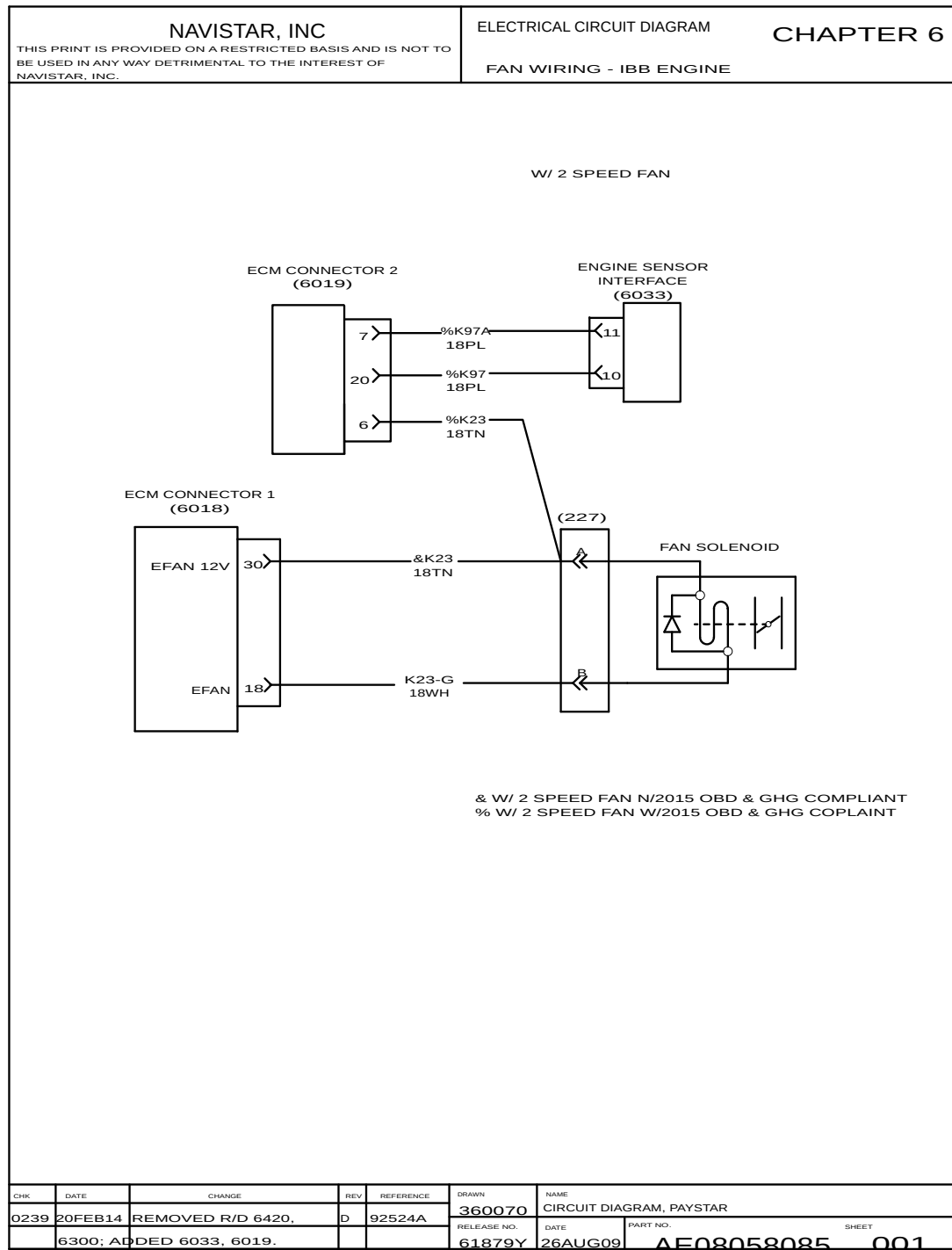


Figure 71 Fan Wiring – IBB Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

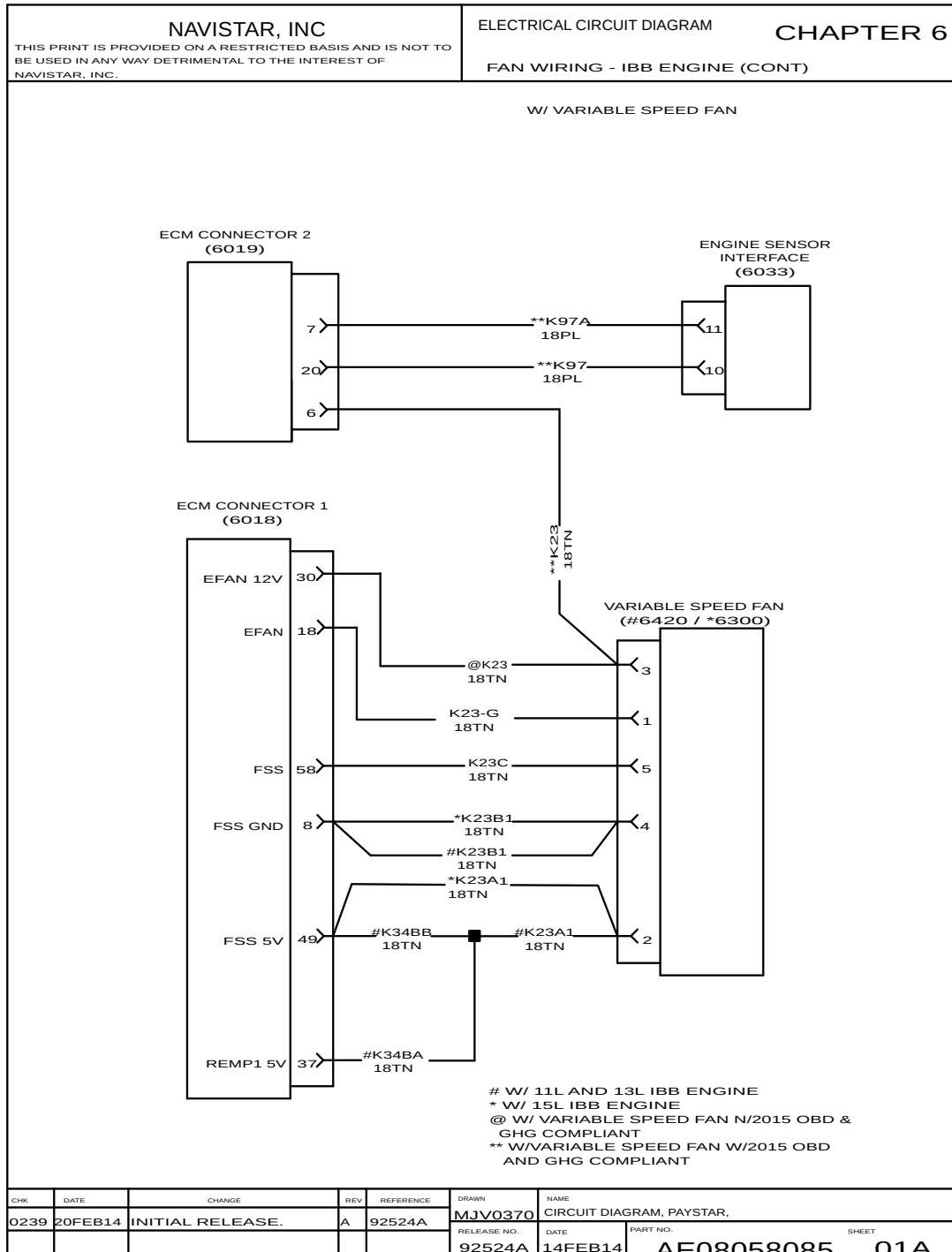


Figure 72 Fan Wiring – IBB Engine (Cont.)

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

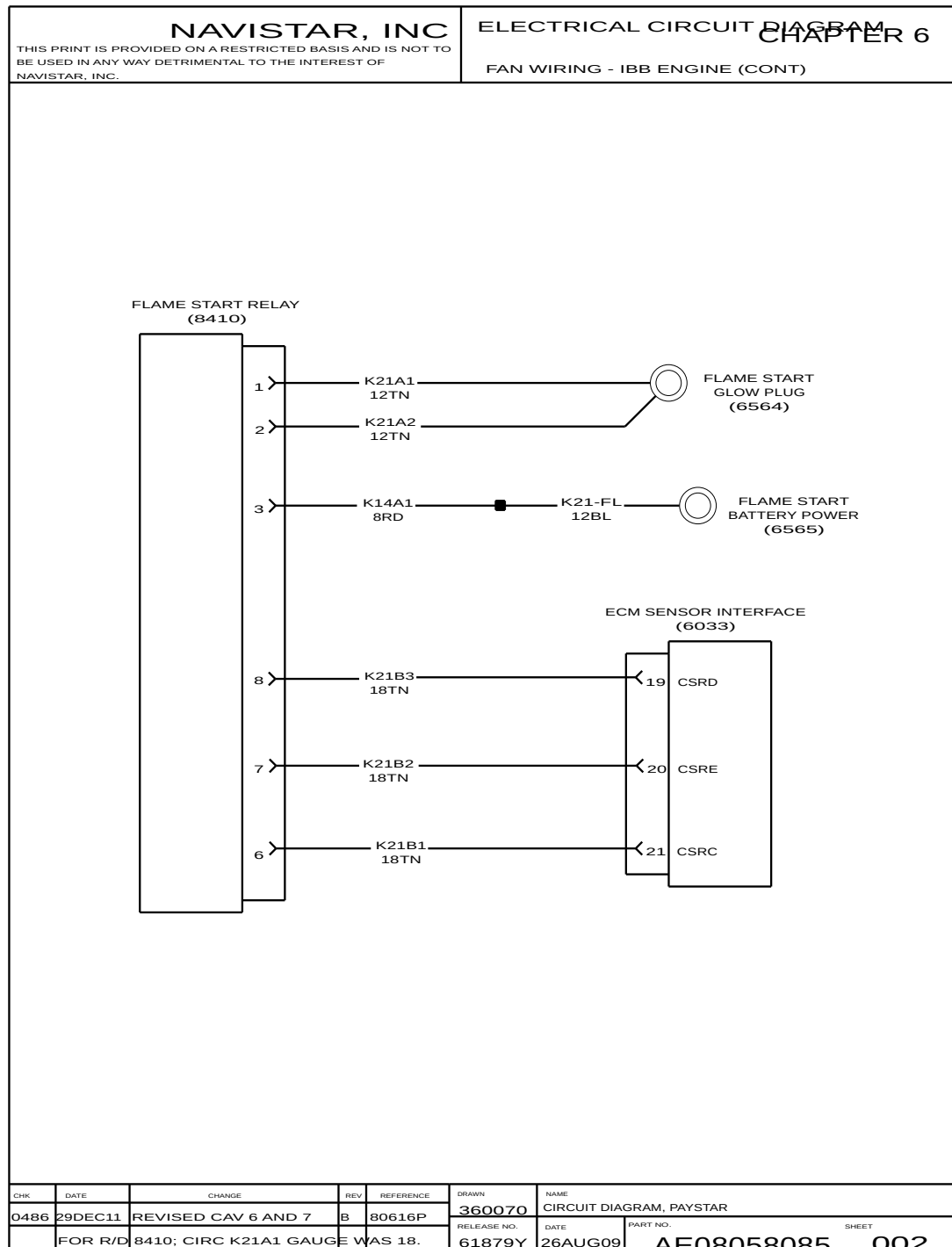


Figure 73 Fan Wiring – IBB Engine (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

ENGINE SYSTEMS (CHAPTER 7)

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

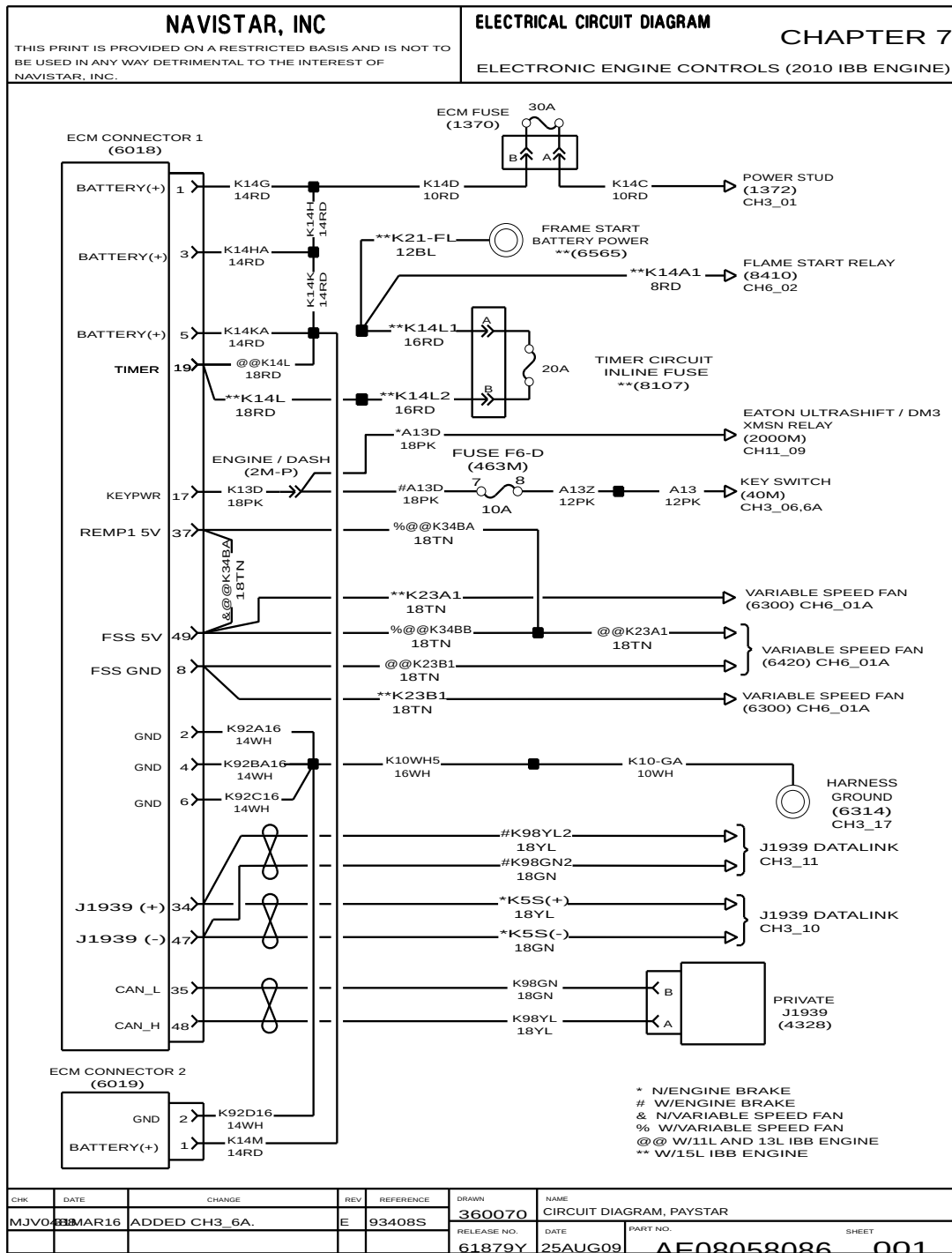


Figure 74 Electronic Engine Controls (2010 IBB Engine)

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

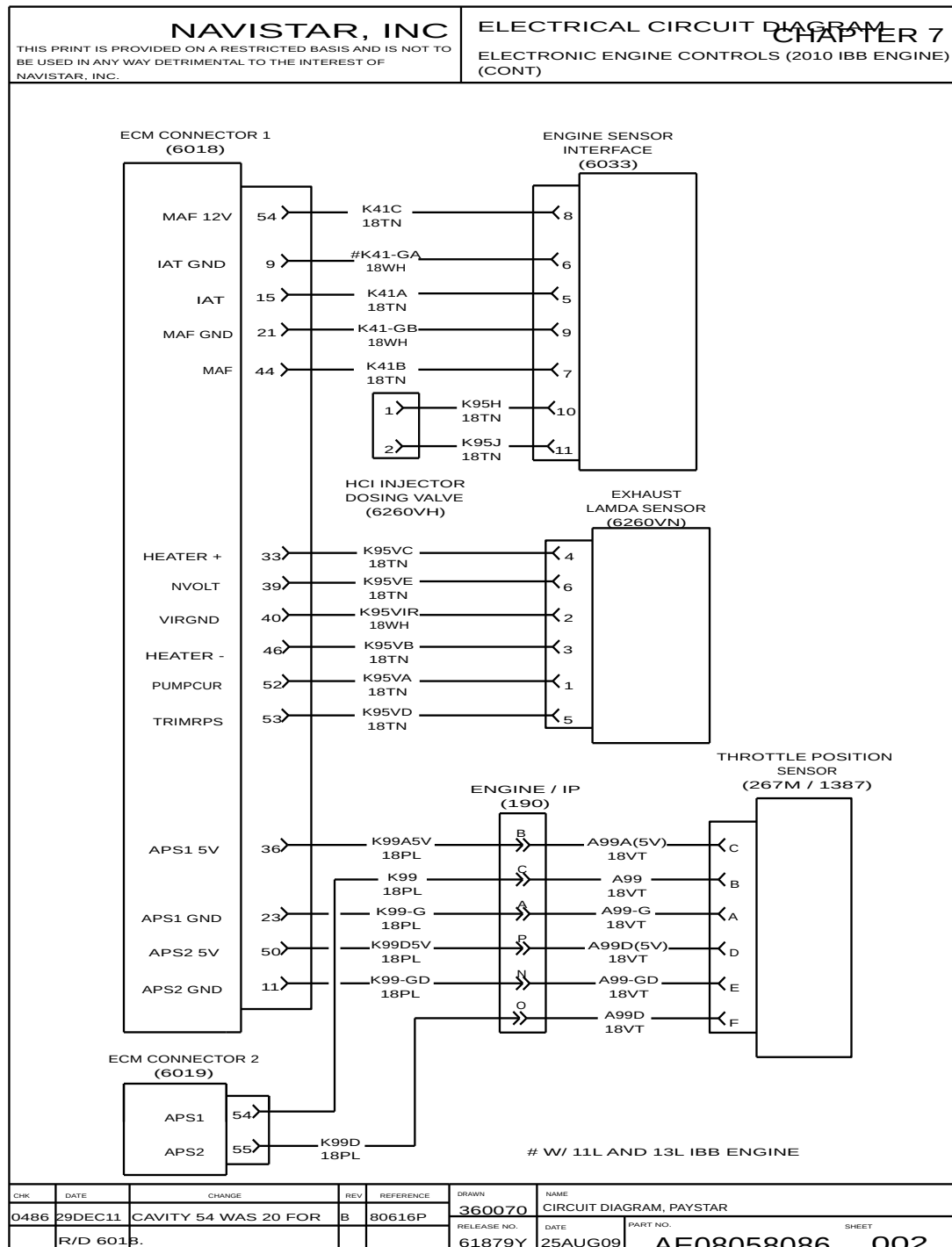


Figure 75 Electronic Engine Controls (2010 IBB Engine) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

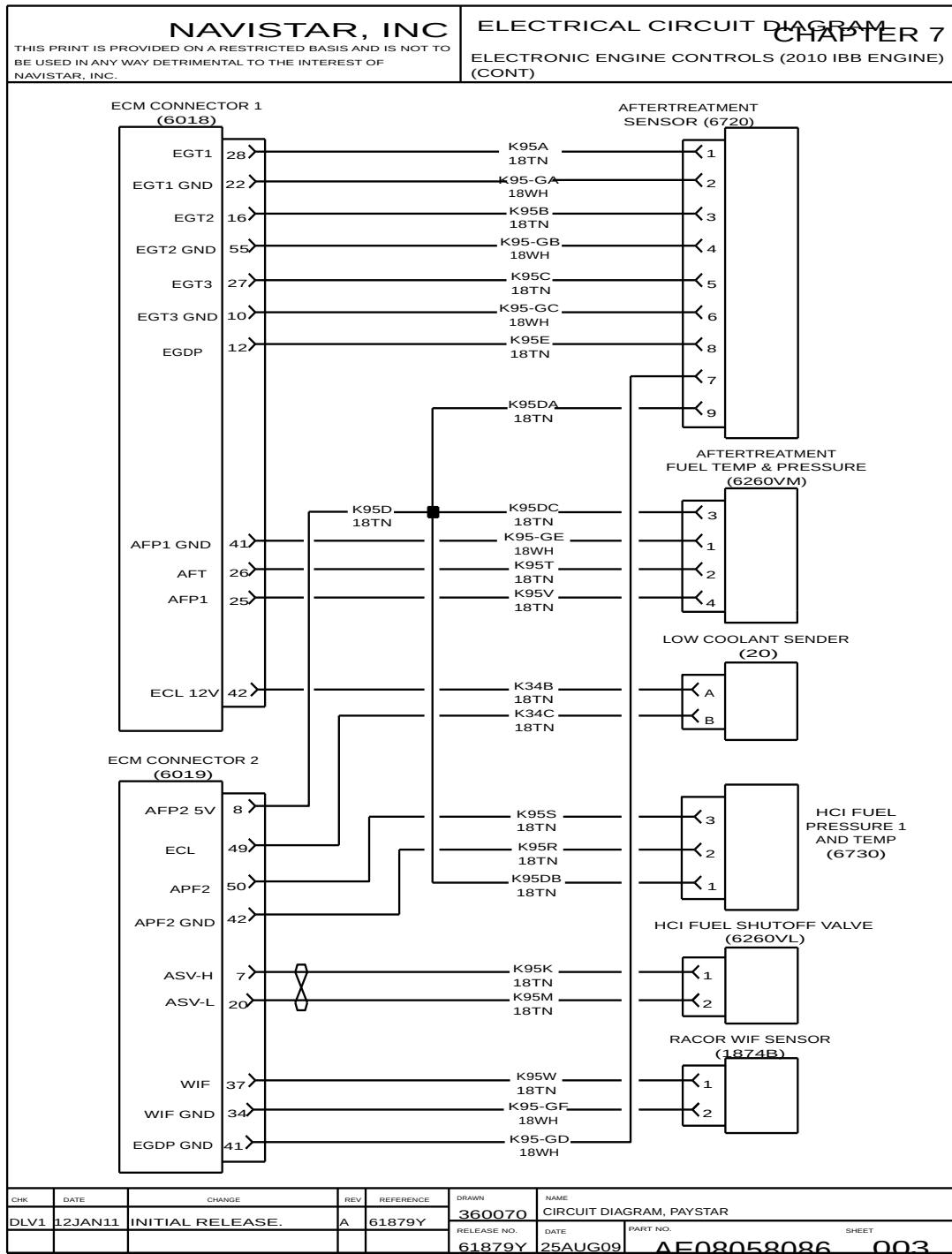


Figure 76 Electronic Engine Controls (2010 IBB Engine) (Cont.)

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

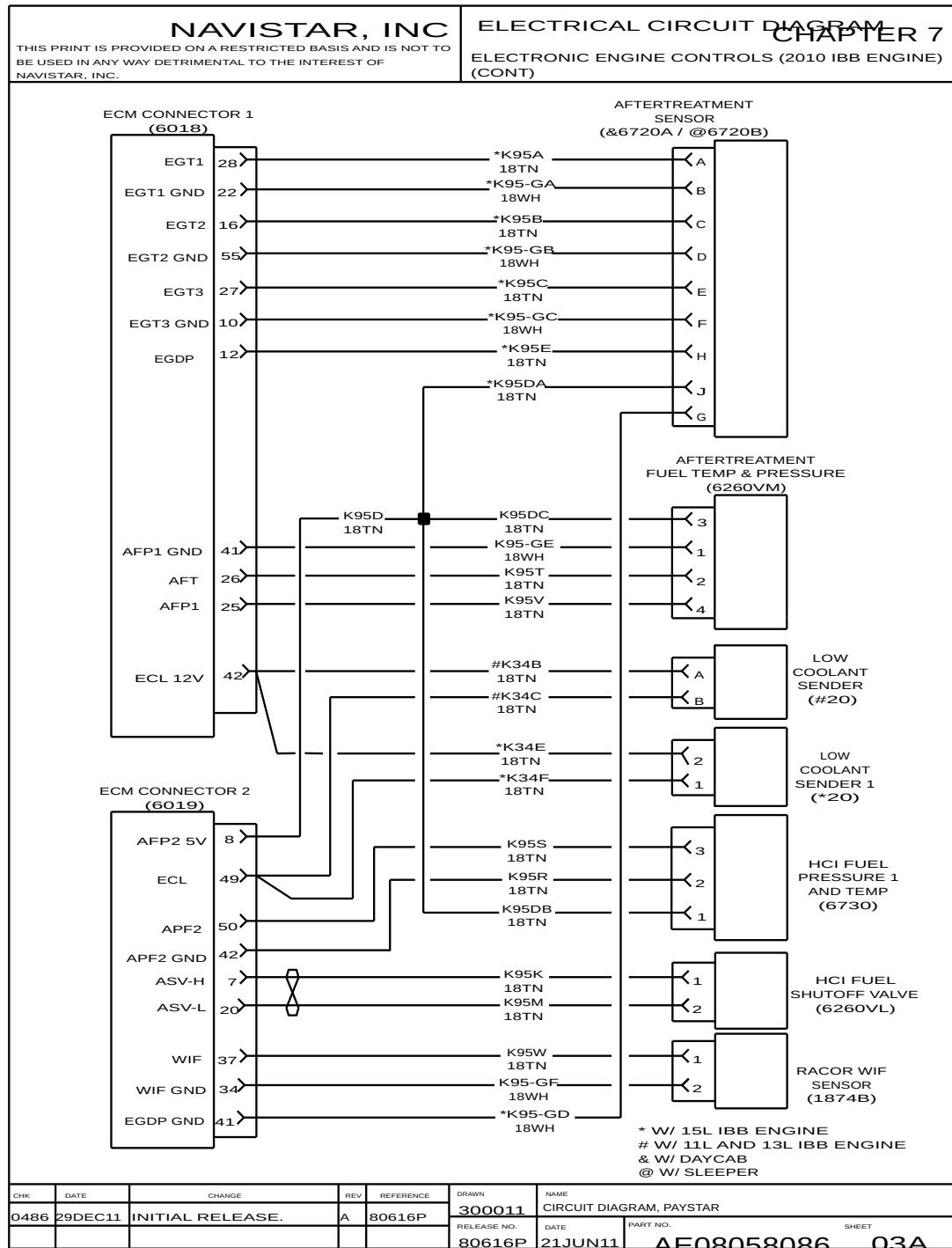


Figure 77 Electronic Engine Controls (2010 IBB Engine) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

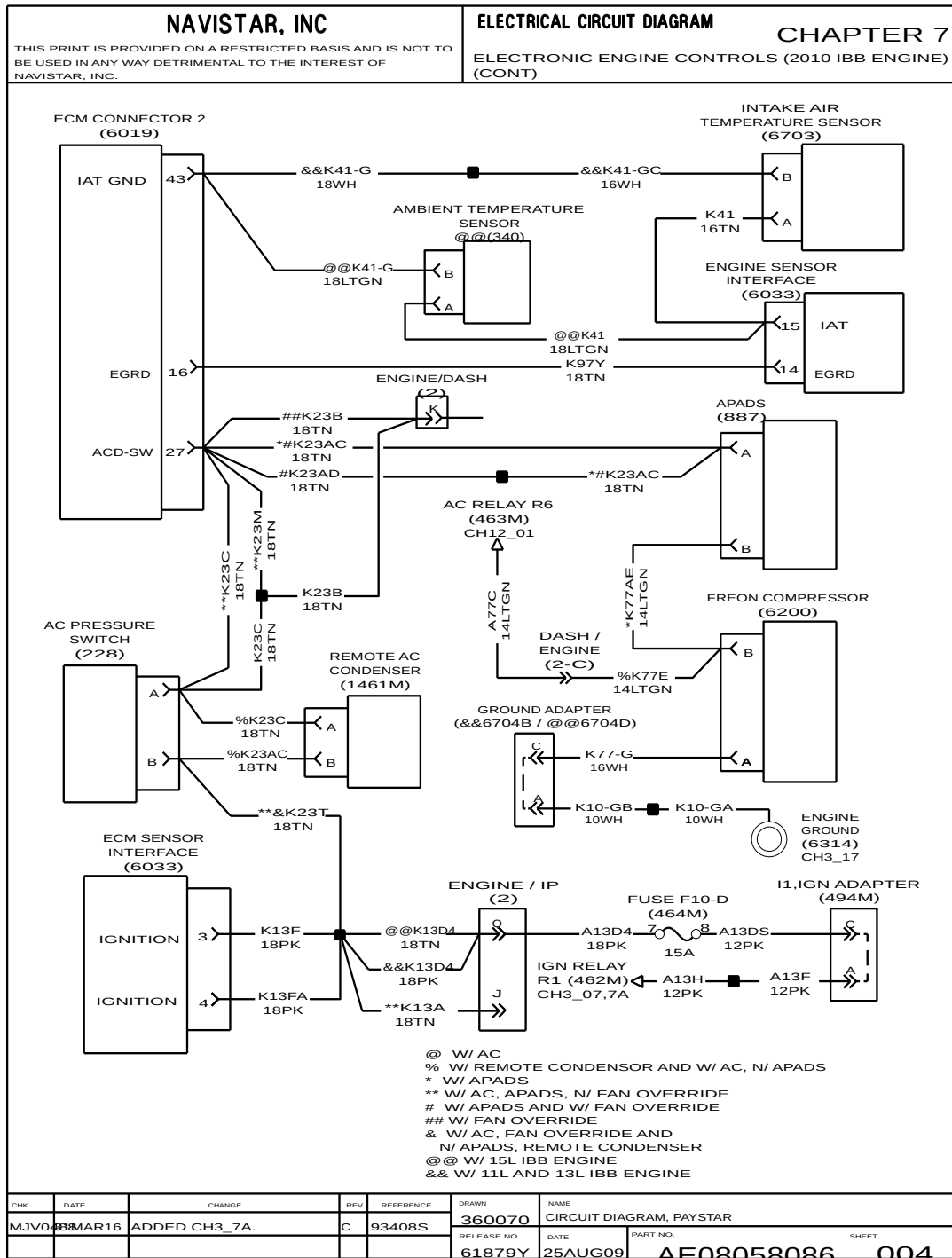


Figure 78 Electronic Engine Controls (2010 IBB Engine) (Cont.)

7.6. FAN DRIVE PROTECTION JUMPER, P. 4A

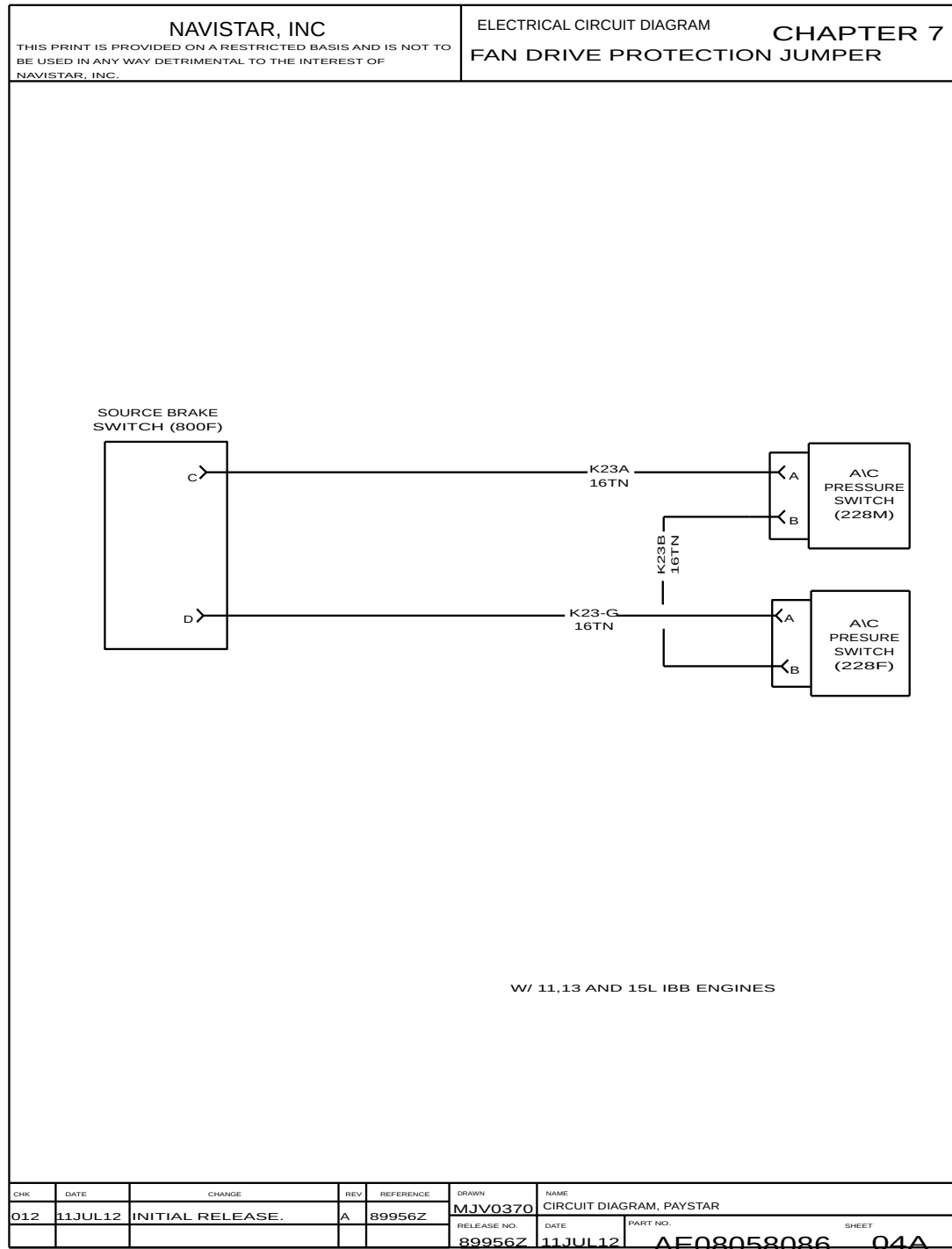


Figure 79 Fan Drive Protection Jumper

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

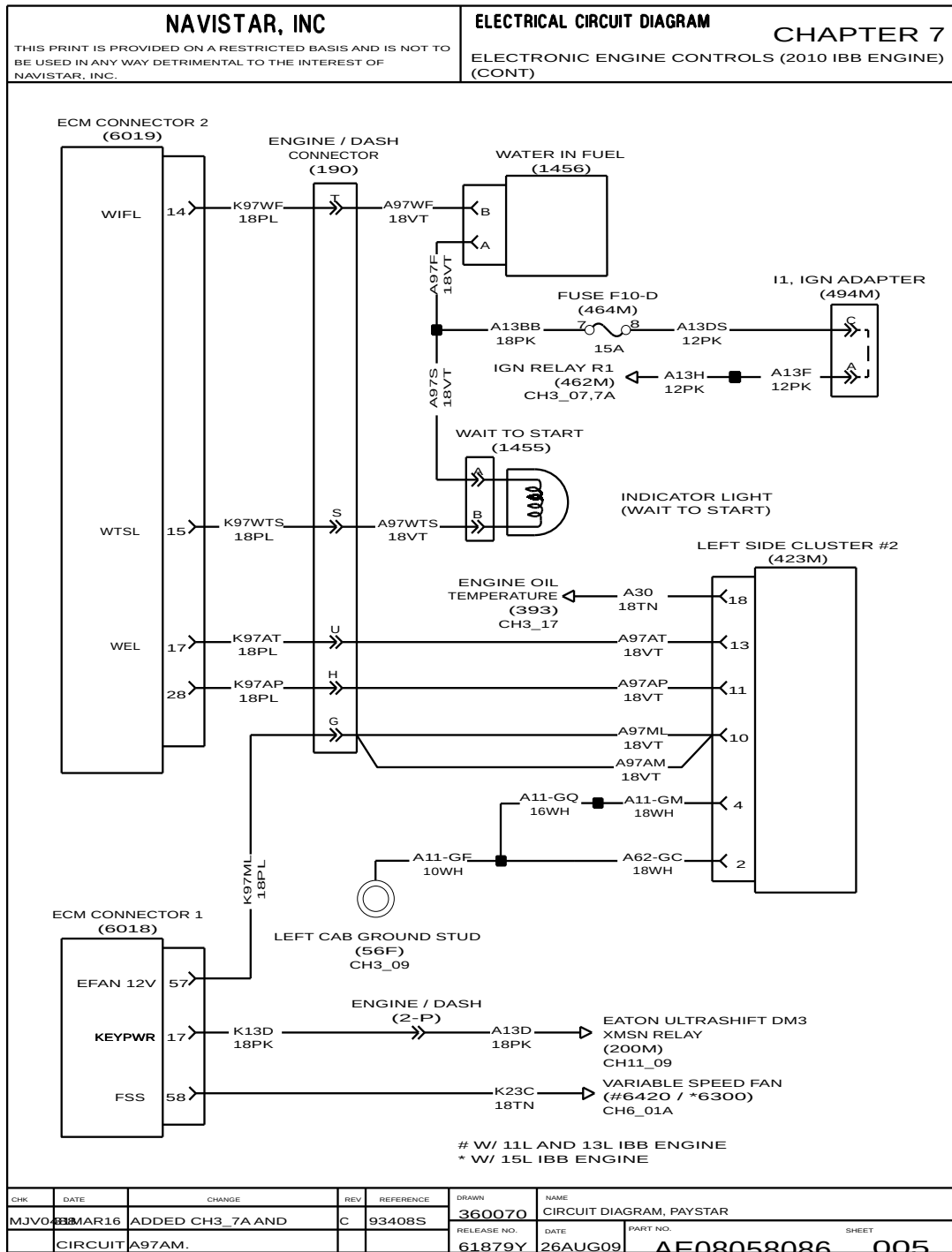


Figure 80 Electronic Engine Controls (2010 IBB Engine) (Cont.)

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

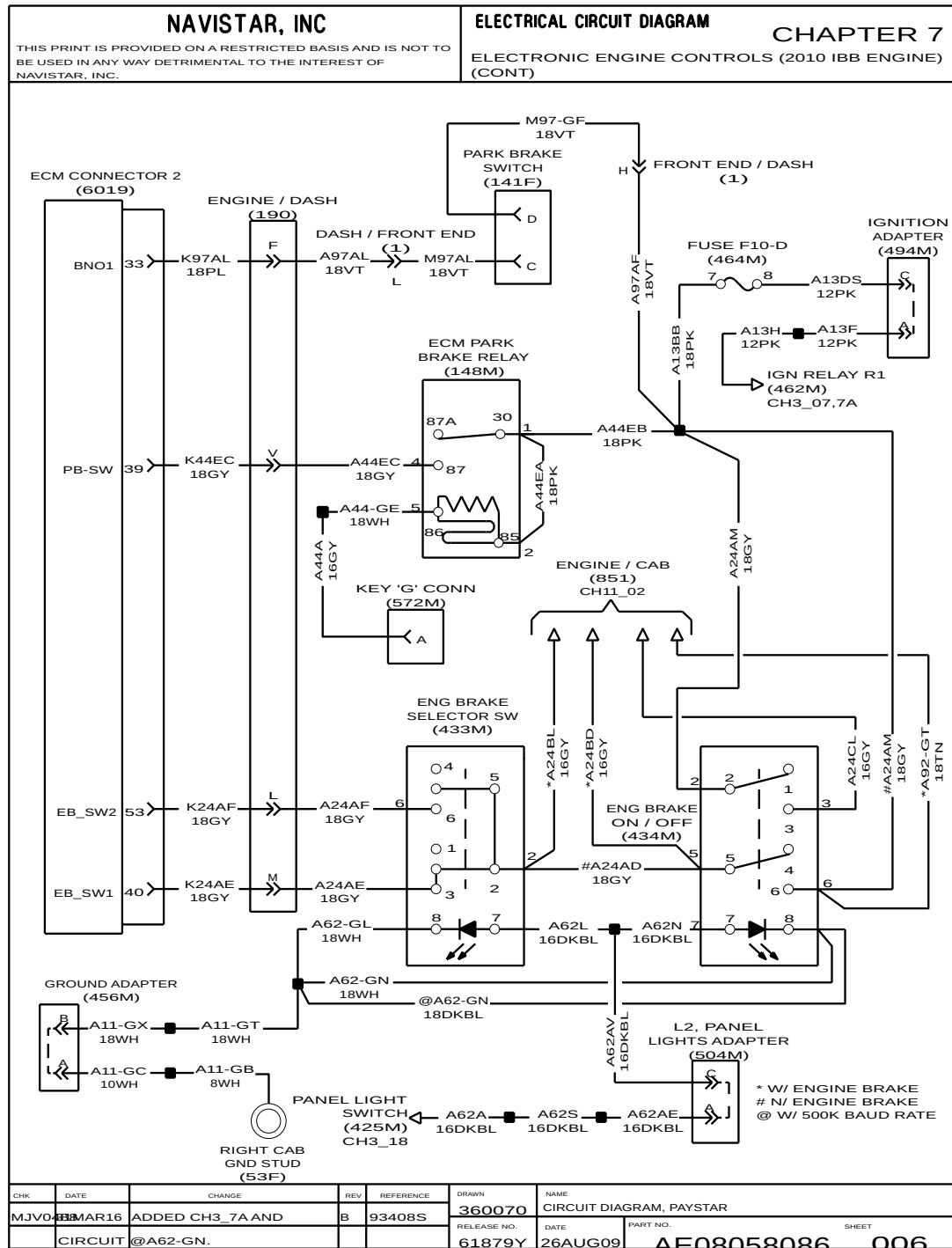


Figure 81 Electronic Engine Controls (2010 IBB Engine) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

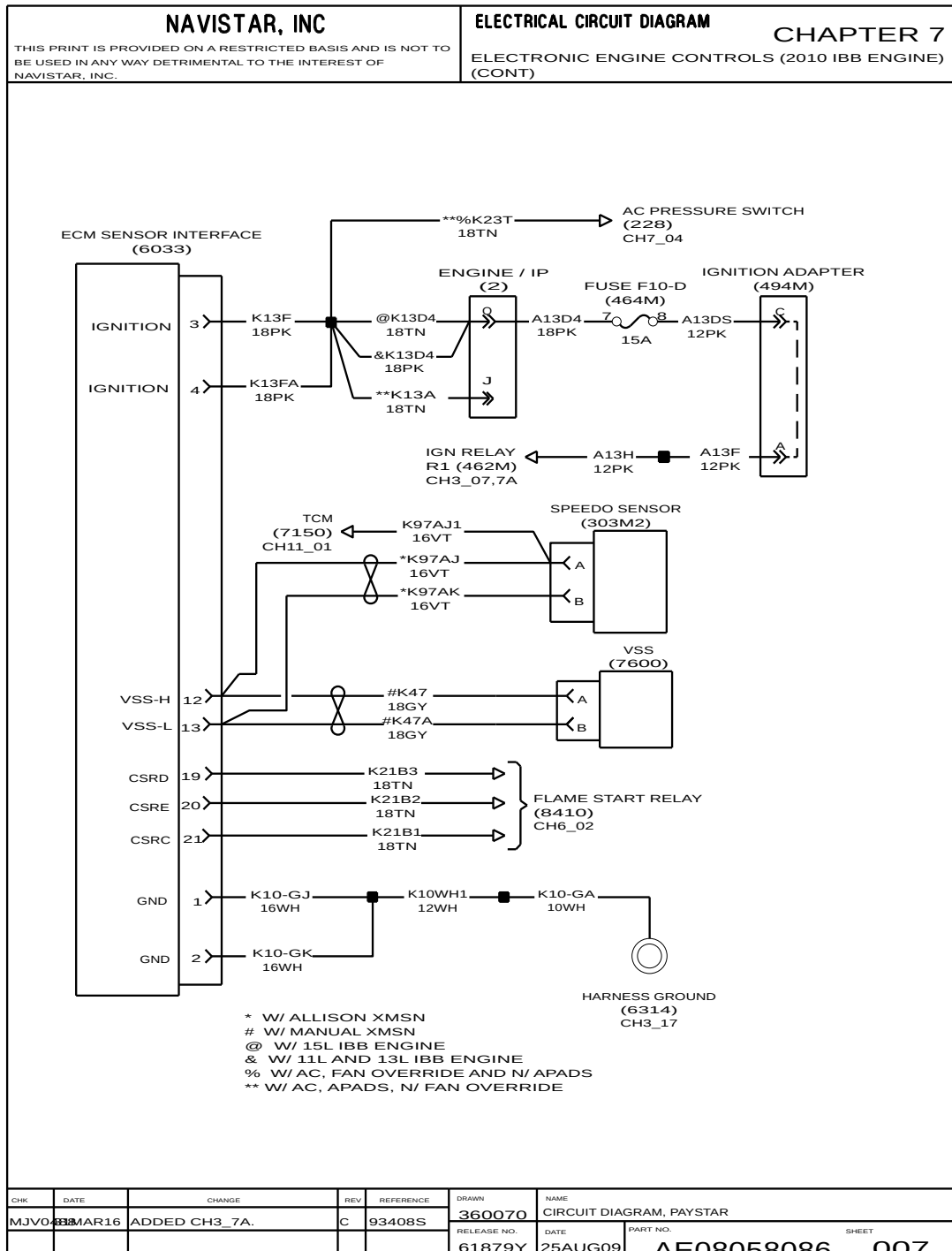


Figure 82 Electronic Engine Controls (2010 IBB Engine) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

7.11. AFTERTREATMENT CONTROL, P. 9

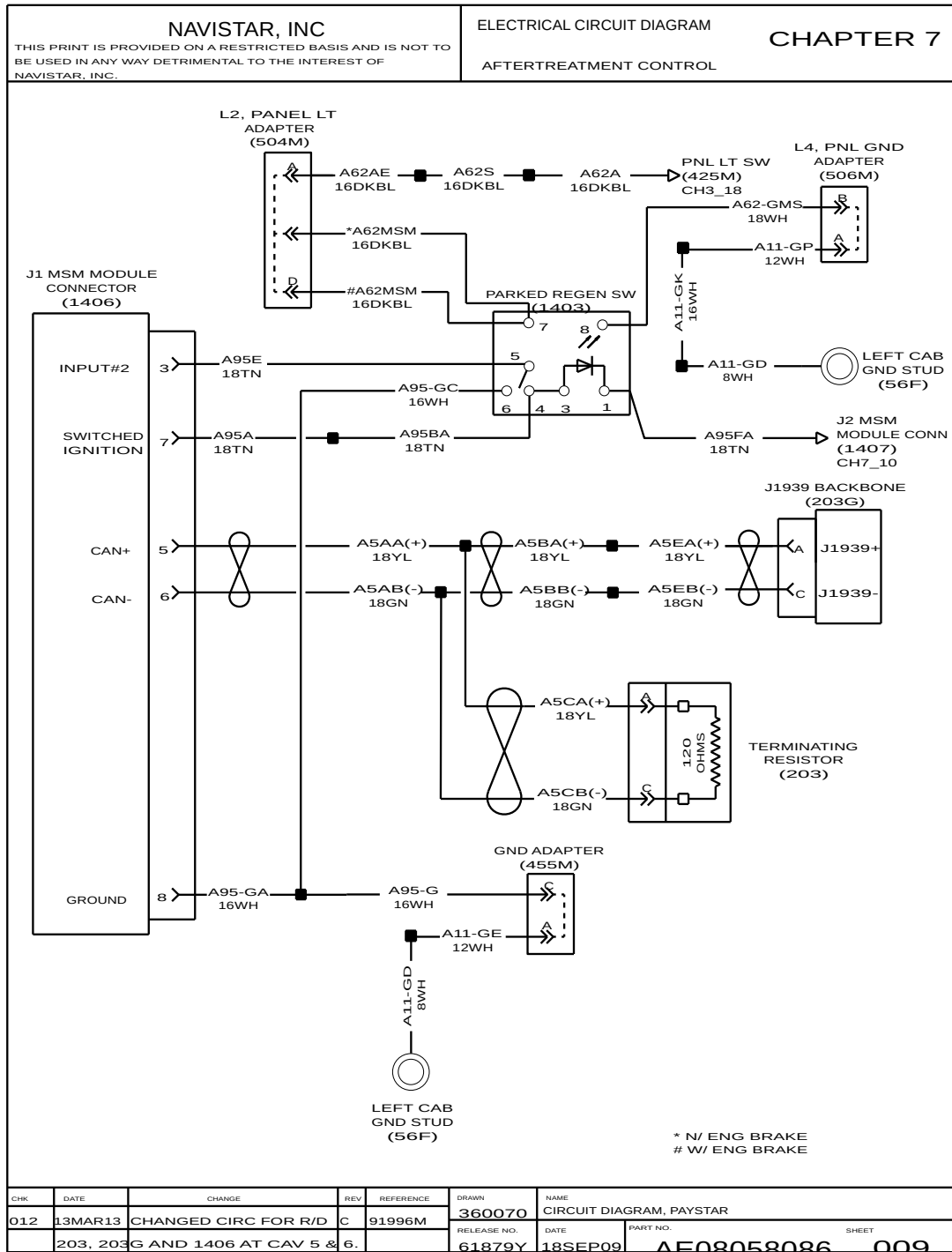


Figure 84 Aftertreatment Control

7.12. SART MODULE, P. 9A

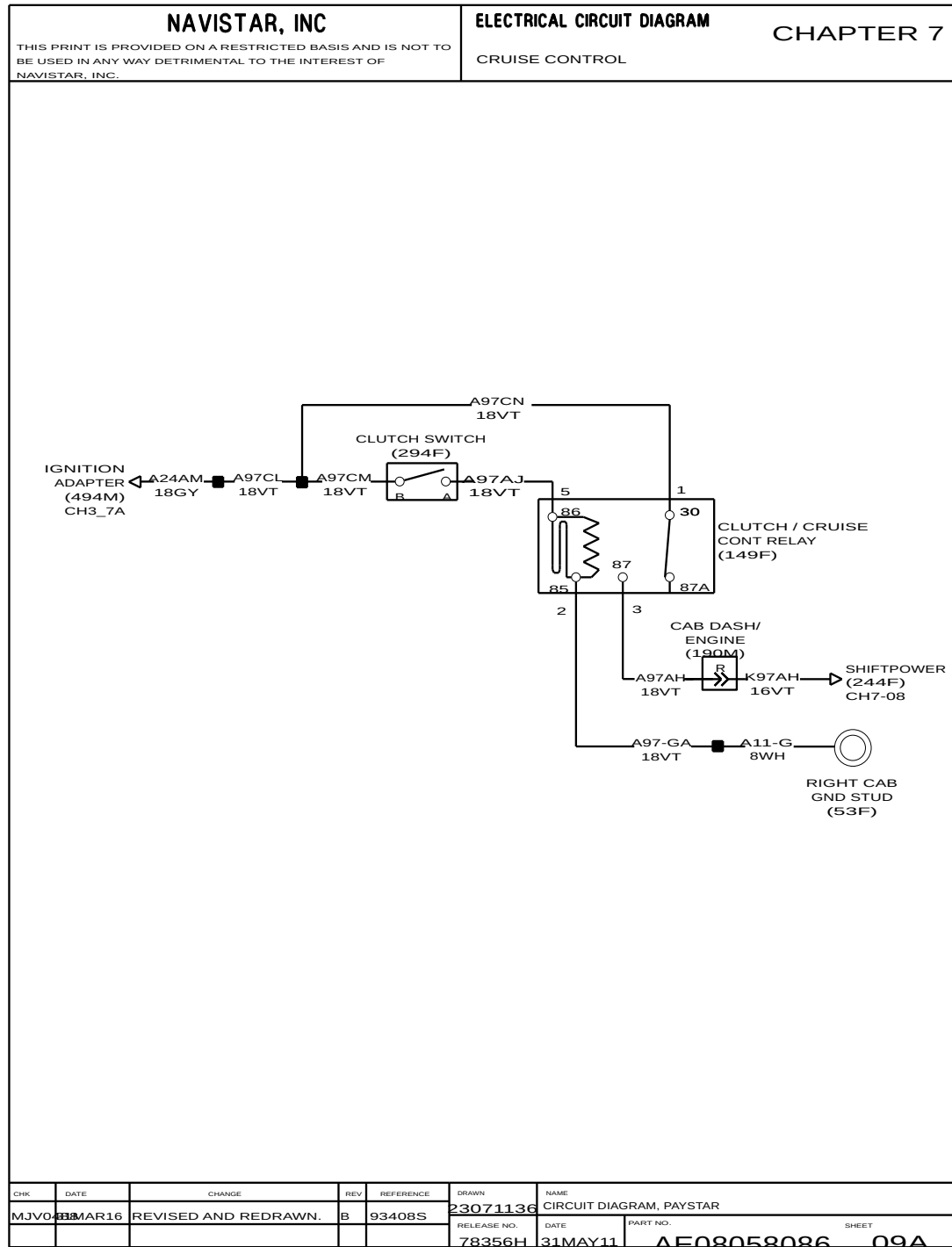


Figure 85 SART Module

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

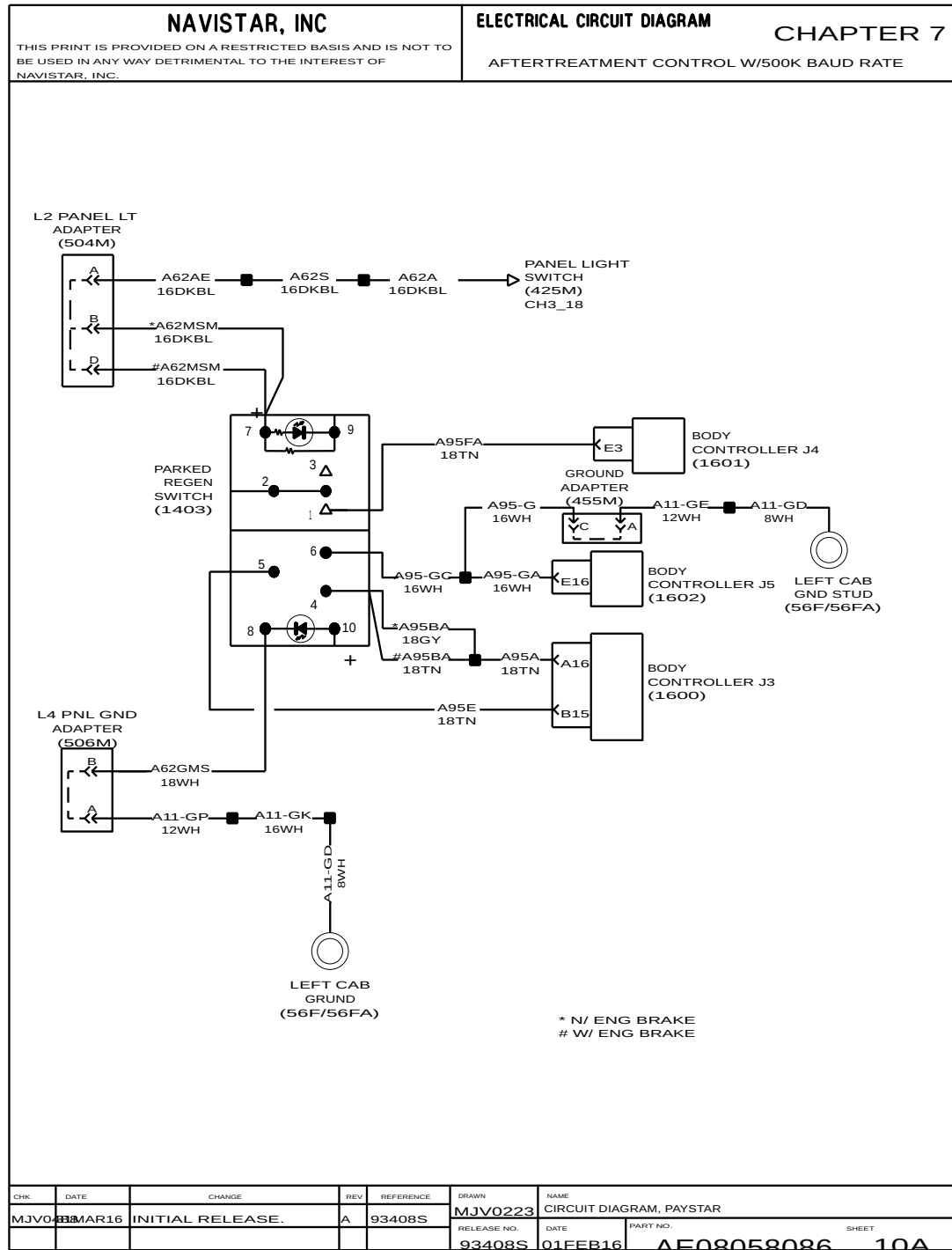


Figure 87 Aftertreatment Control with 500K Baud Rate

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

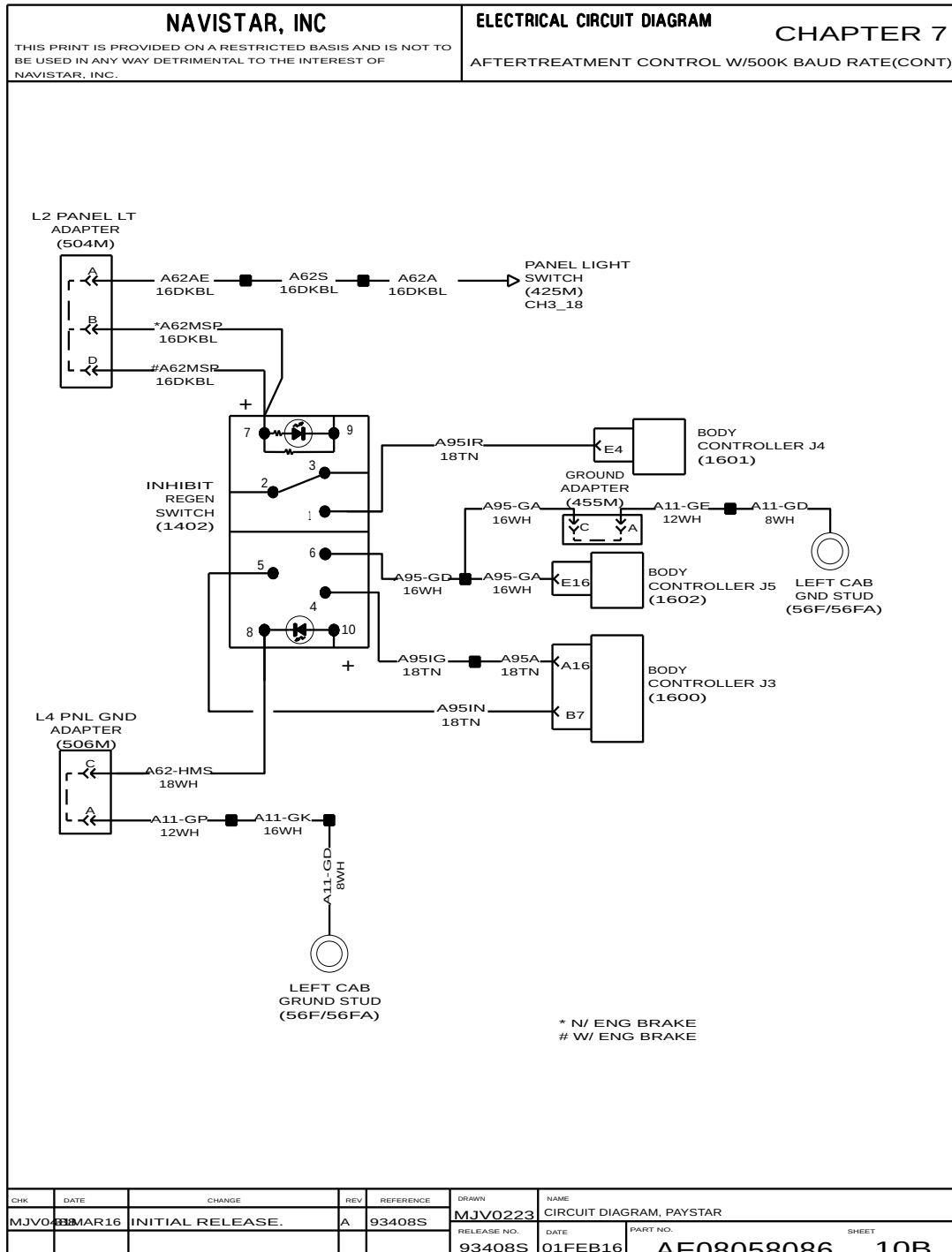


Figure 88 Aftertreatment Control with 500K Baud Rate (Cont.)

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ELECTRICAL CIRCUI DIAGRAM

CHAPTER 7

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ELECTRONIC ENGINE CONTROLS (15L ENG) ISX 2013

ECM (6000)

ECM PWR 1

ECM PWR 25

ECM PWR 26

ECM PWR 27

ECM PWR 28

INPUT SIG 5

SENSOR SUPPLY 8

FAN CTRL SWITCH 11

WIF 13

AMBIENT AIR TEMP 65

ECM RETURN 62

ECM BATTERY +/- DEF BATTERY - (1027)

DEF HARNESS INTERCONNECT (674D)/(674)

ENG DASH (2/2M)-(P)

EATON DM3 XMSN (1316ML) CH11_09A

CENTER SECTION FUSE BLOCK F6 (463M)

KEW SW (40M) CH03_06,6A

AFTER TREATMENT CONNECTOR (670A)/(670) CH07_19

DEF HARNESS CONN (674D) CH07_19

AFTER TREATMENT CONN (670A) CH07_20

THROTTLE POSITION SENSOR (1387/267M) CH07_26

ENGINE FAN OVERRIDE SWITCH (659M)

GND ADAPTOR (457M)

A23A 16TN

A44-GM 16WH

PARK BRAKE (469E)

ECM (6000) 20

K101 20TN

A44M 16GY

ENGINE/IP 190/190M

A62M 16DKBL

A11-GR 16WH

RIGHT CAB GROUND STUD (53F)

ECM SWITCH GND SPLICE (7704)

DAVCO WIF SENSOR (1874A/1874B)

K95 20TN

K95A 20TN

K95-GF 18TN

K95-GG 18TN

K95-G 18TN

K41 20LTGN

K41-G 18TN

K95G 18TN

AMBIENT AIR TEMP (6715)

ECM RETURN

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

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	RELEASE NO.	DATE	PART NO.	SHEET
MJV0088	16MAR16	ADDED REF CH3_6A.	C	934085	MJV0088	CIRCUIT DIAGRAM, PAYSTAR	91786V	14MAR13	AE08058086	011

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ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

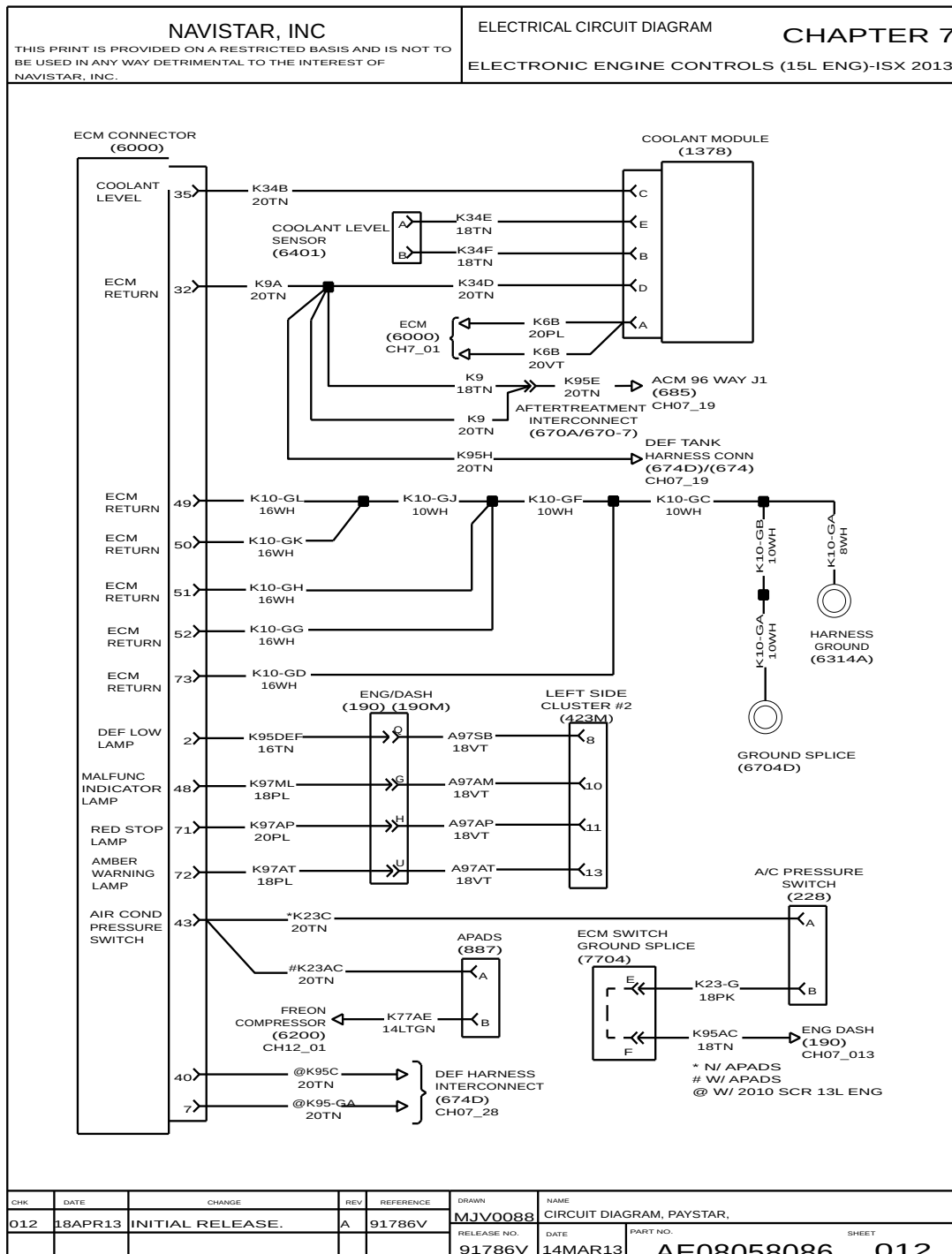


Figure 90 Electronic Engine Controls (15L Eng) ISX 2013 (Cont.)

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

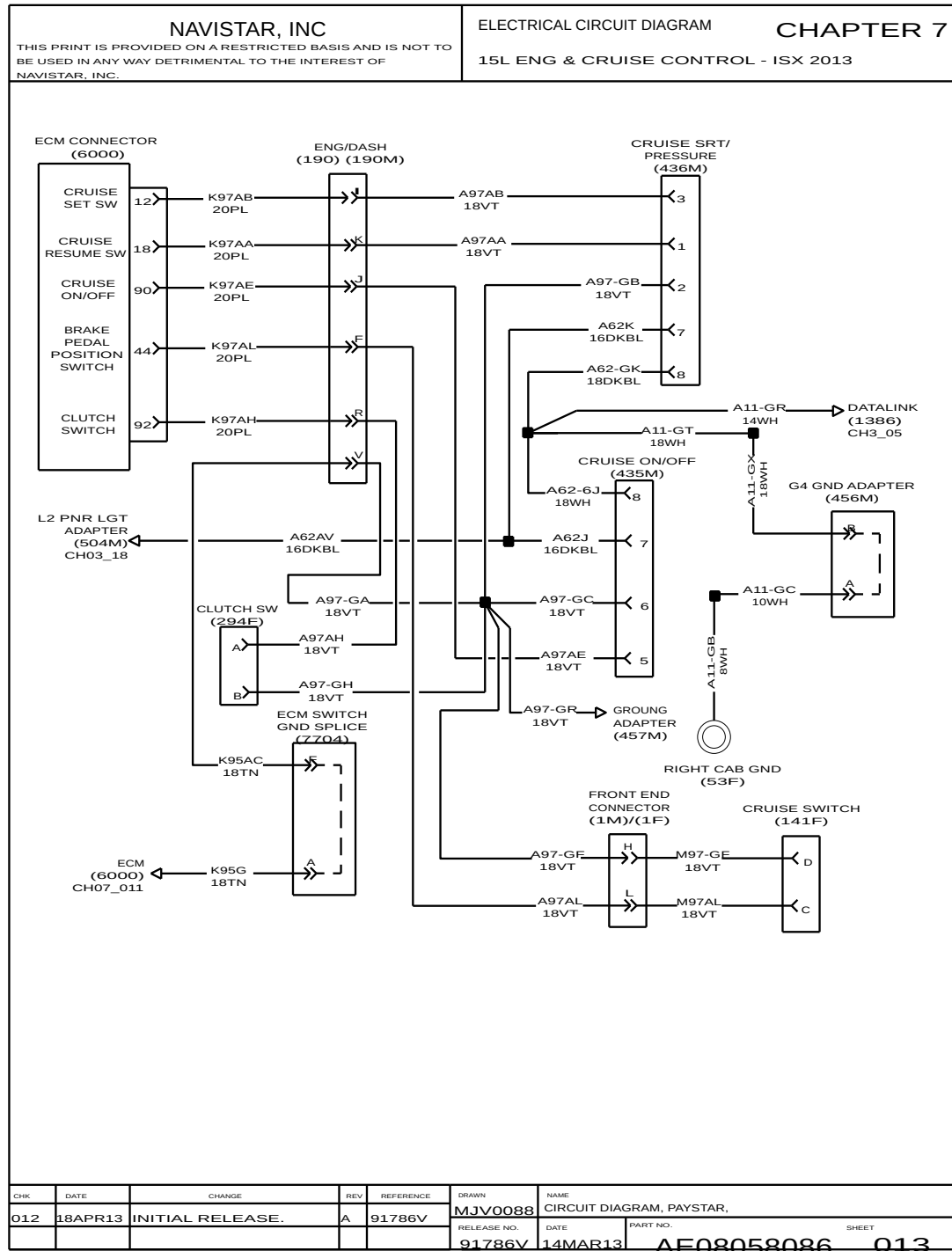


Figure 91 15L Eng & Cruise Control – ISX 2013

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

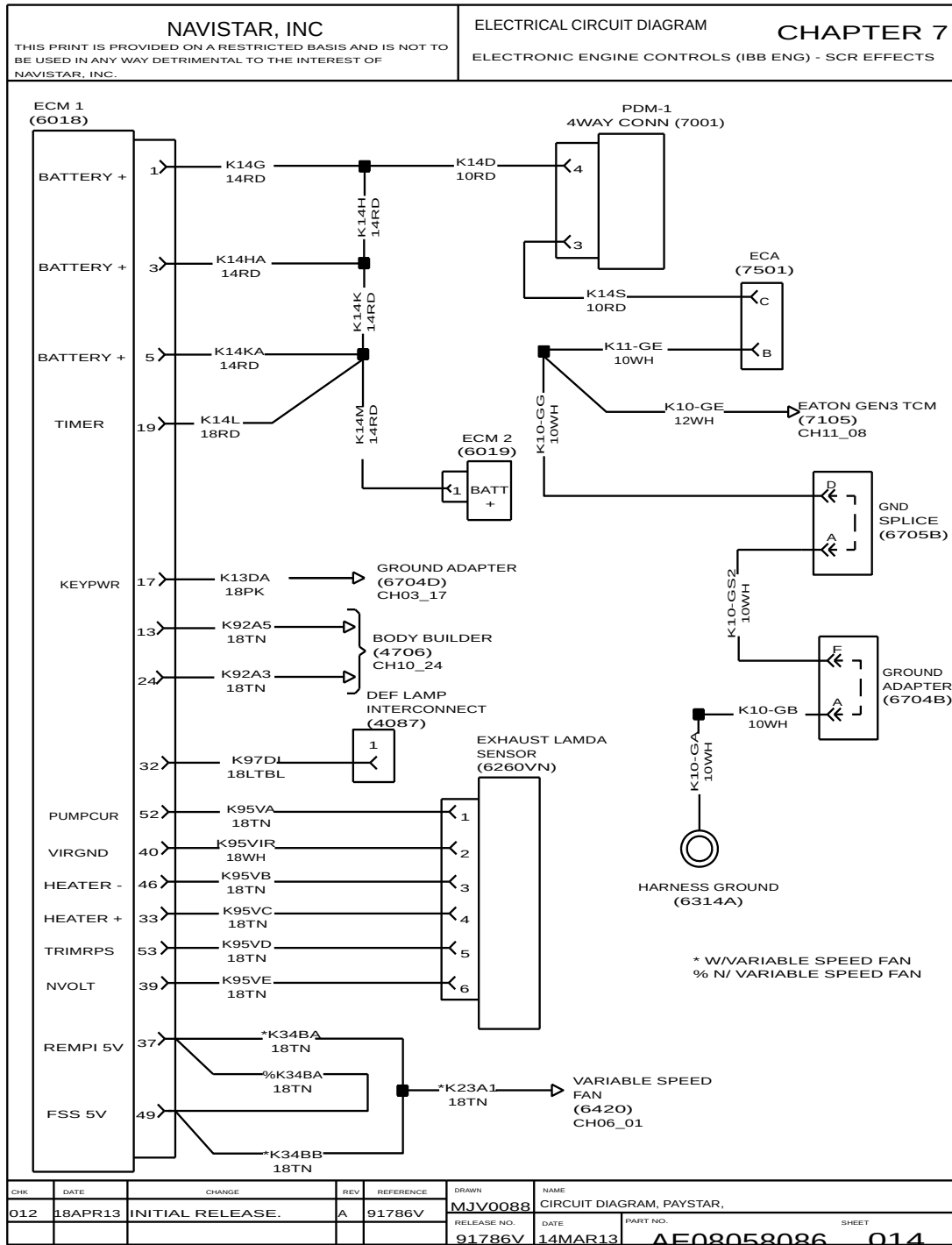


Figure 92 Electronic Engine Controls (IBB Engine) – SCR Effects

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

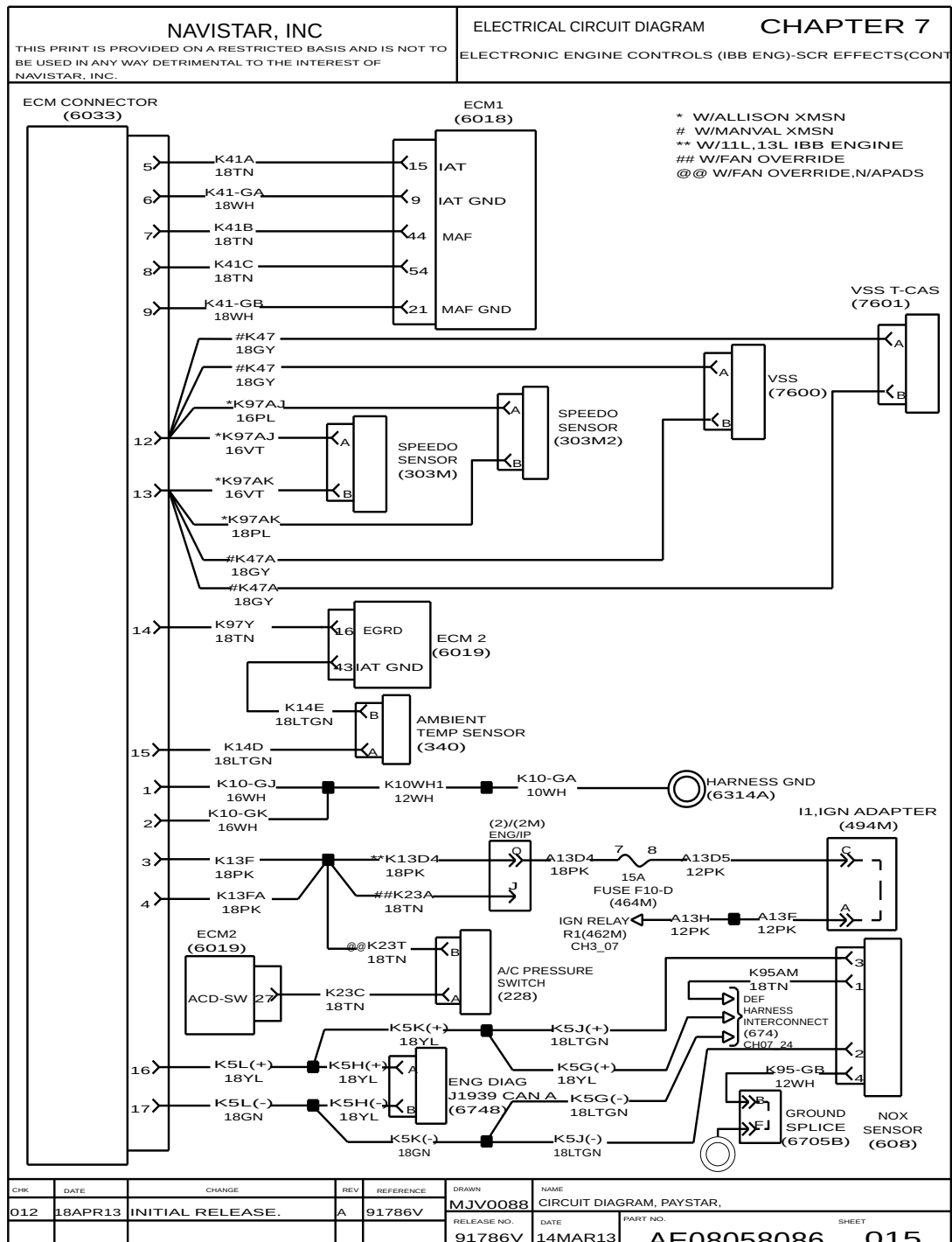


Figure 93 Electronic Engine Controls (IBB Engine) – SCR Effects (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

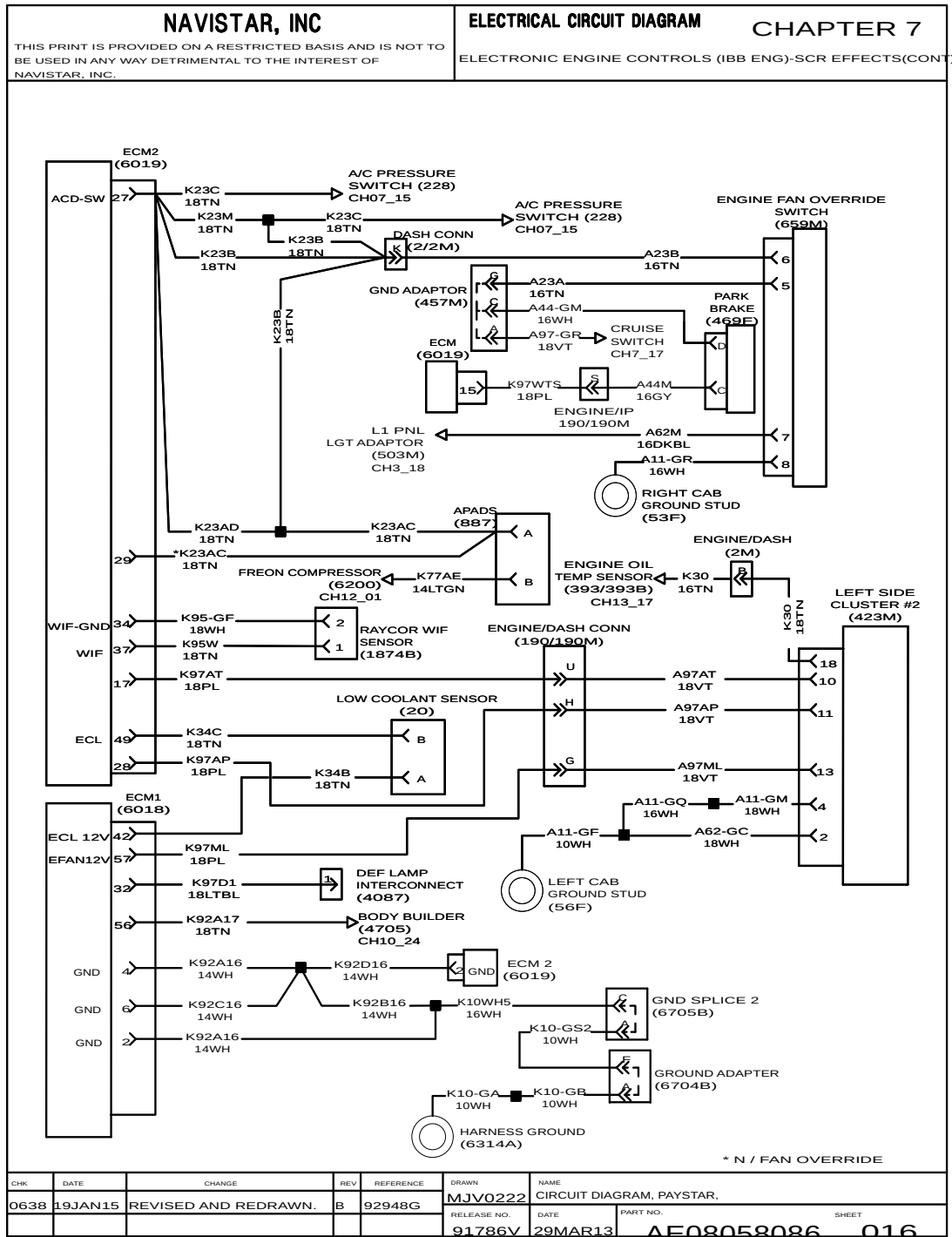


Figure 94 Electronic Engine Controls (IBB Engine) – SCR Effects (Cont.)

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

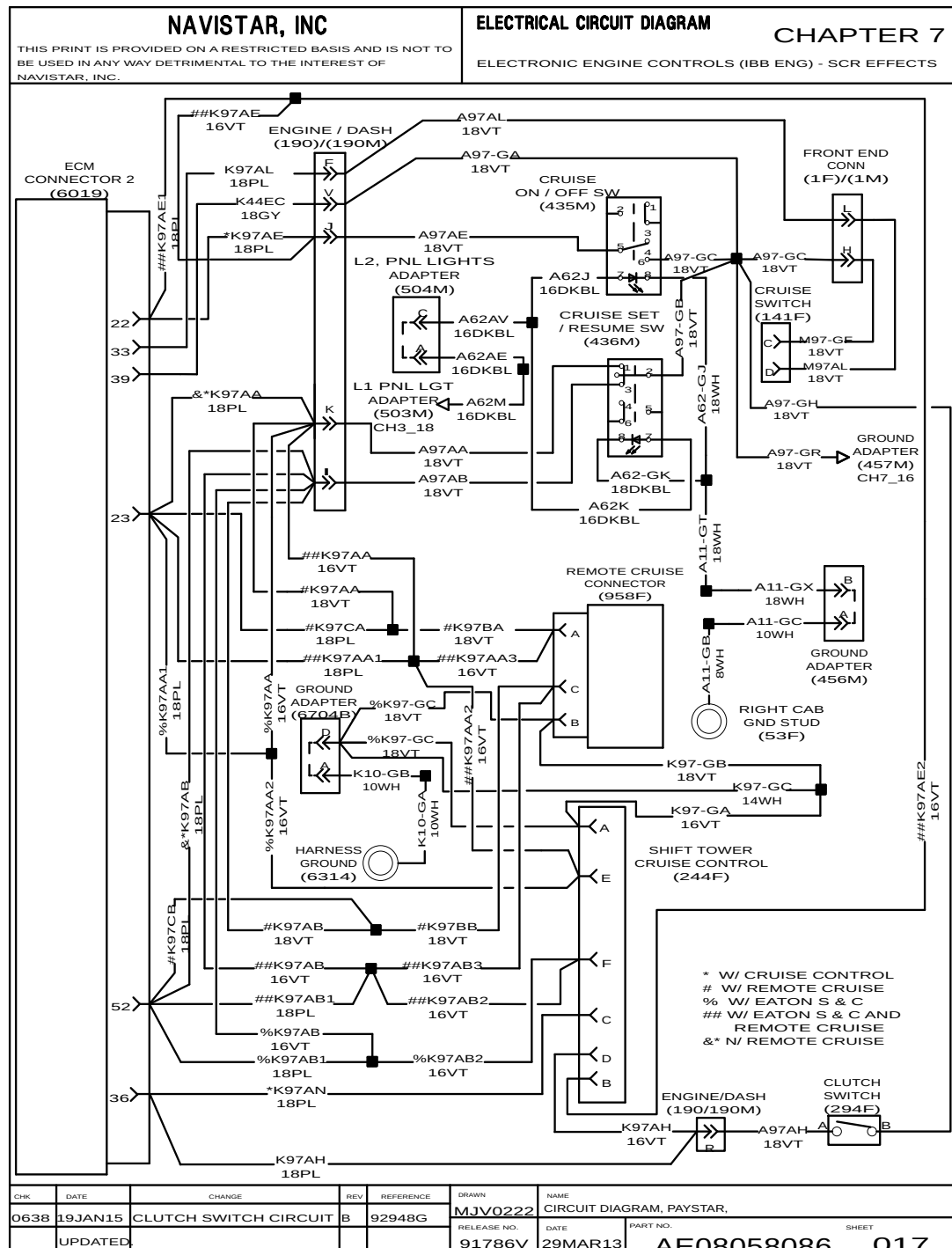


Figure 95 Electronic Engine Controls (IBB Engine) – SCR Effects (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

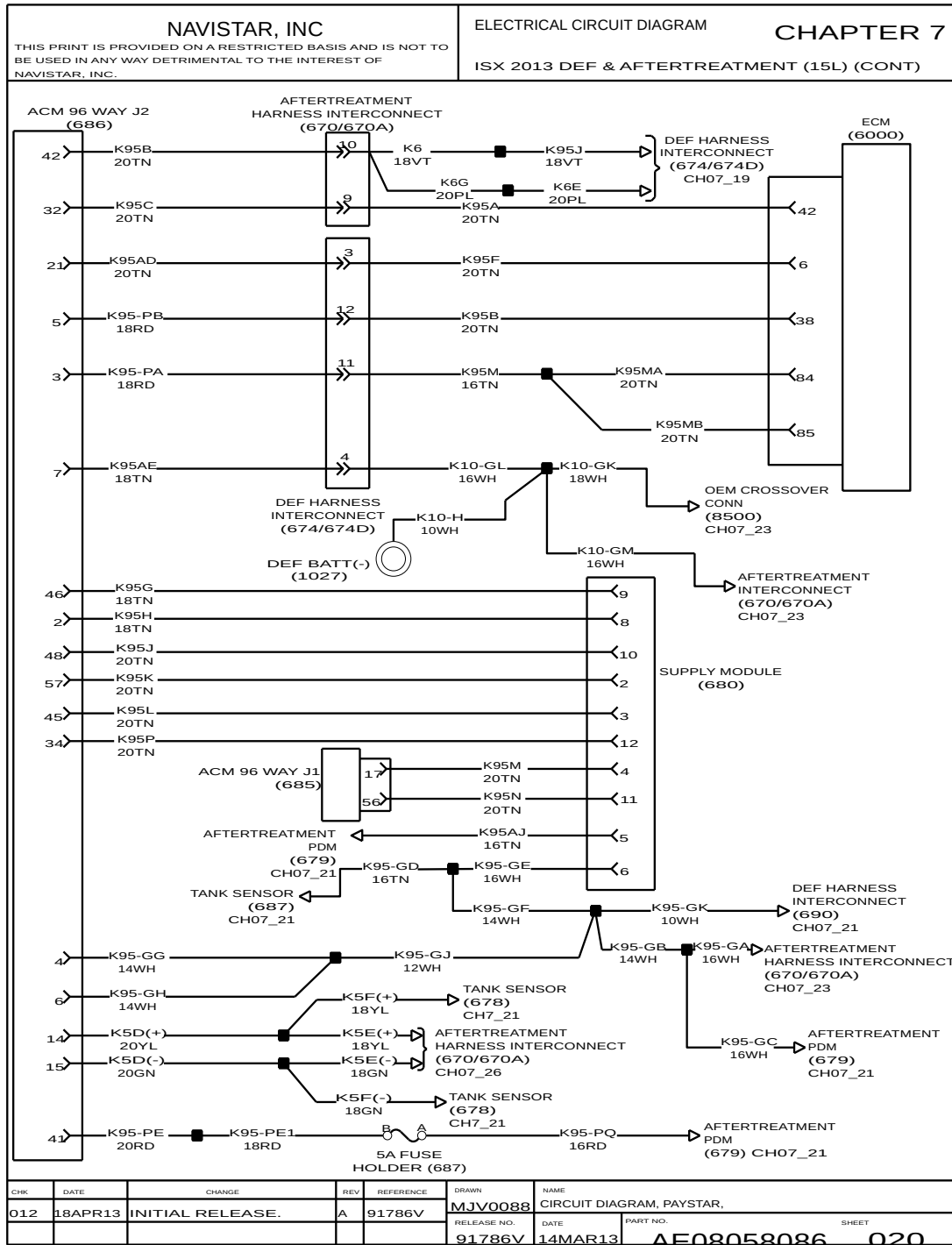


Figure 98 ISX 2013 DEF & Aftertreatment (15L) (Cont.)

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

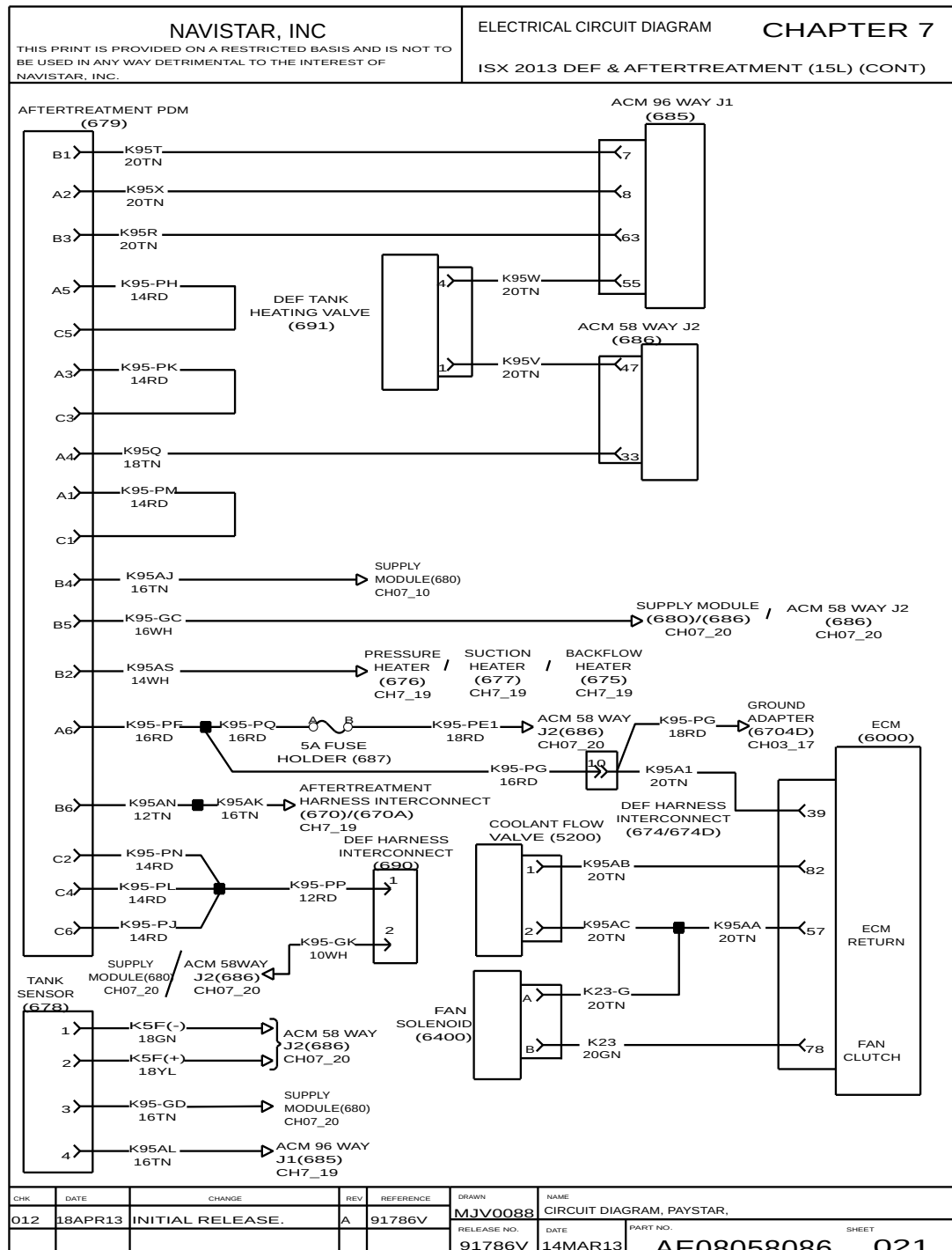


Figure 99 ISX 2013 DEF & Aftertreatment (15L) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

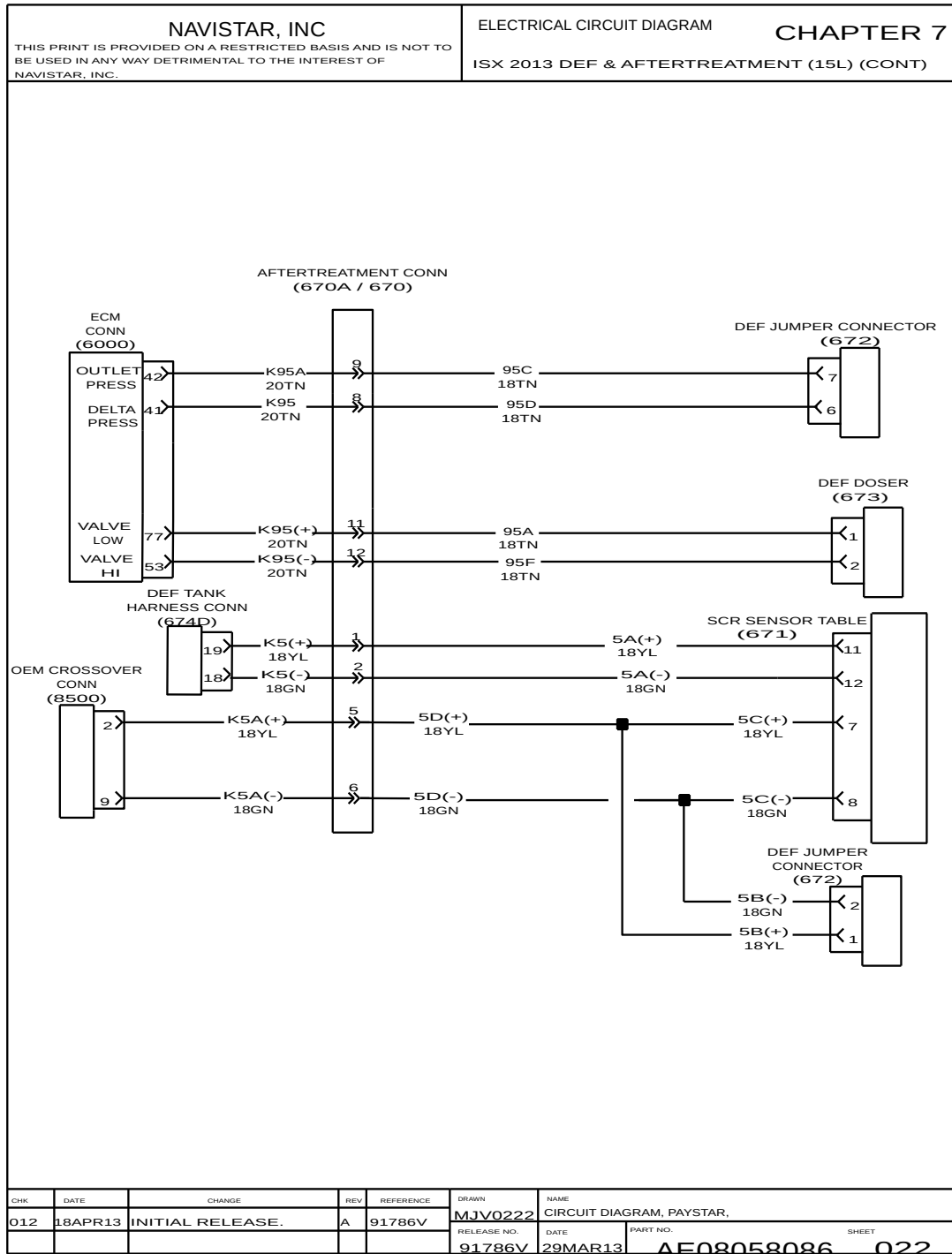


Figure 100 ISX 2013 DEF & Aftertreatment (15L) (Cont.)

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

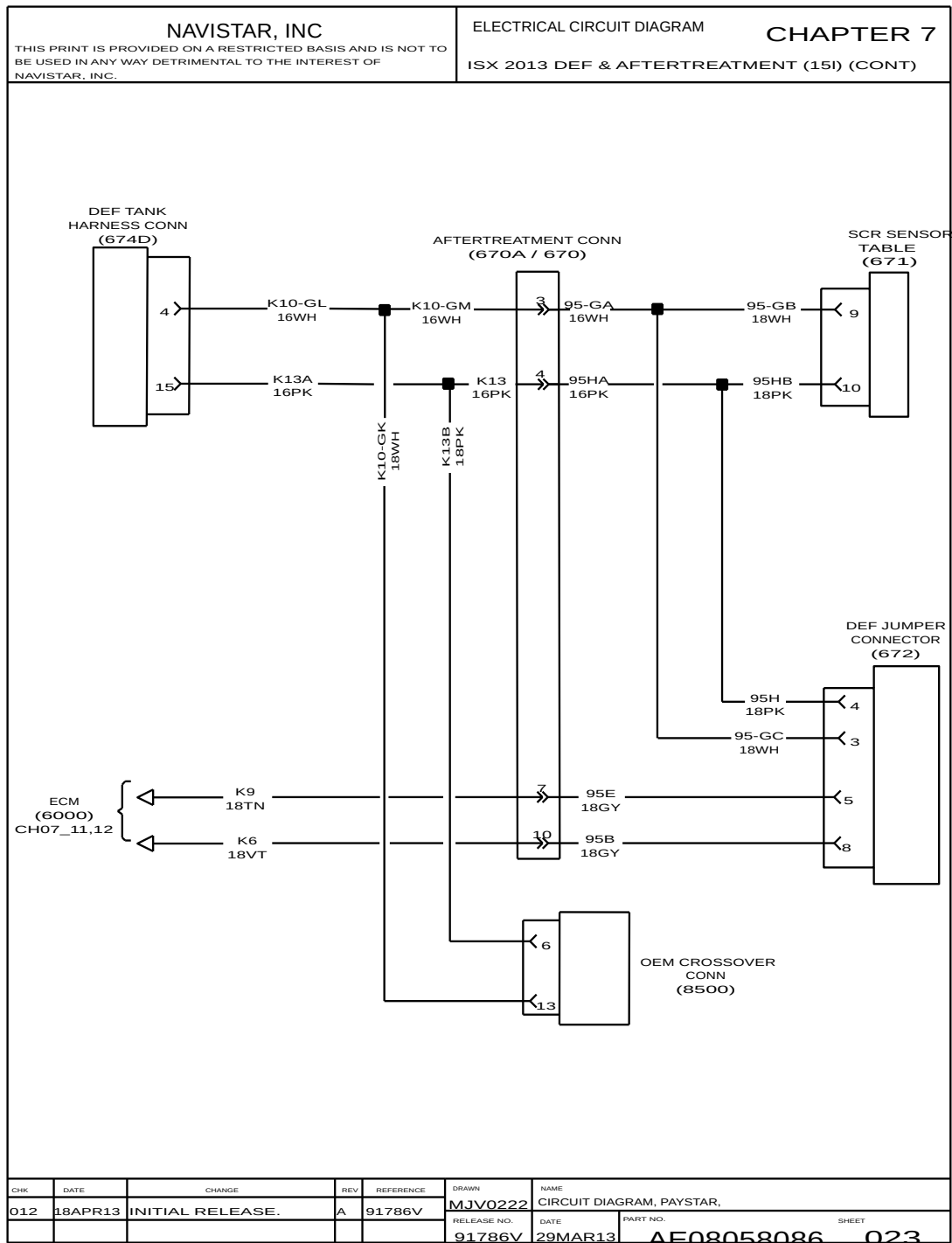


Figure 101 ISX 2013 DEF & Aftertreatment (15L) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

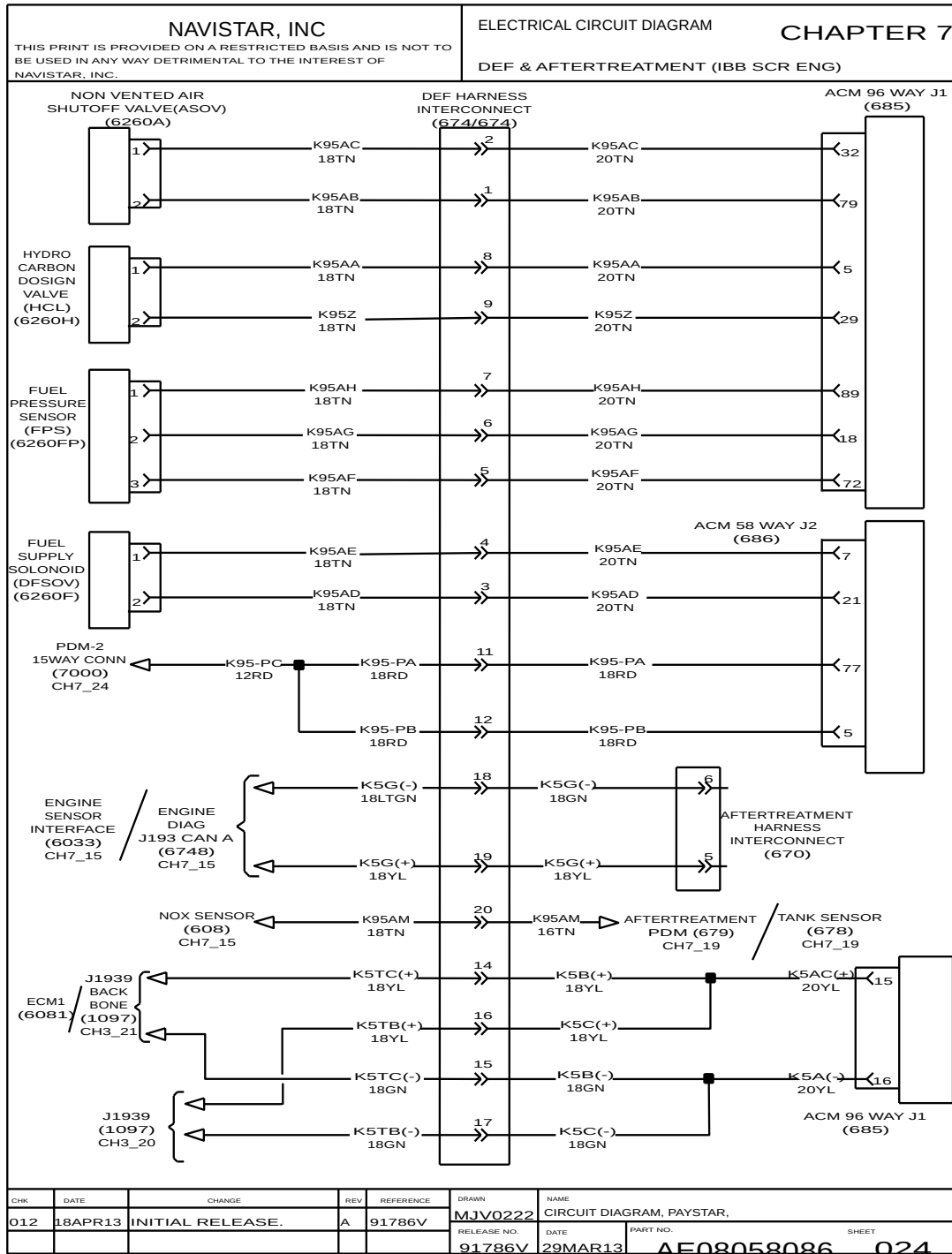


Figure 102 DEF & Aftertreatment (IBB SCR ENG)

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

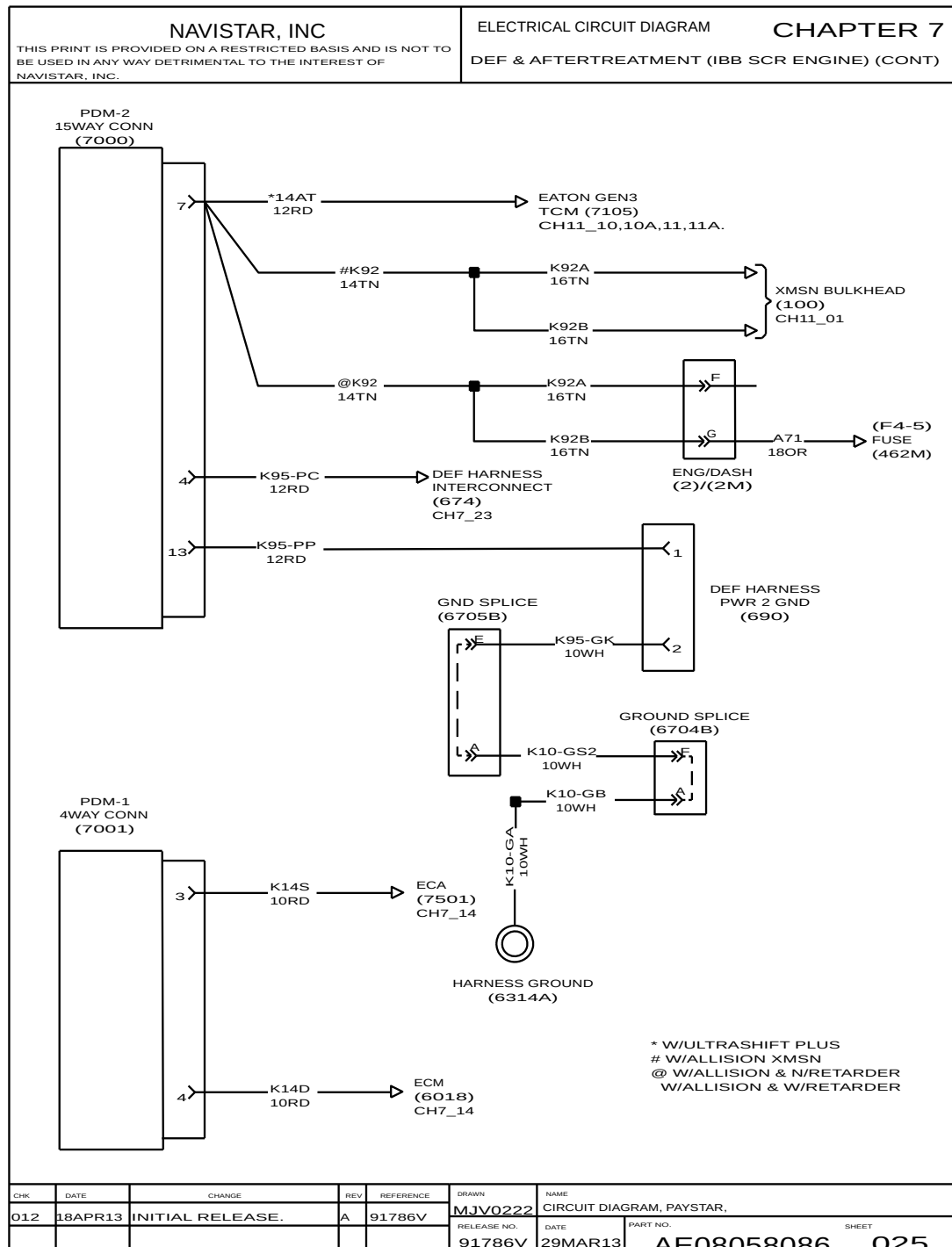


Figure 103 DEF & Aftertreatment (IBB SCR ENG) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

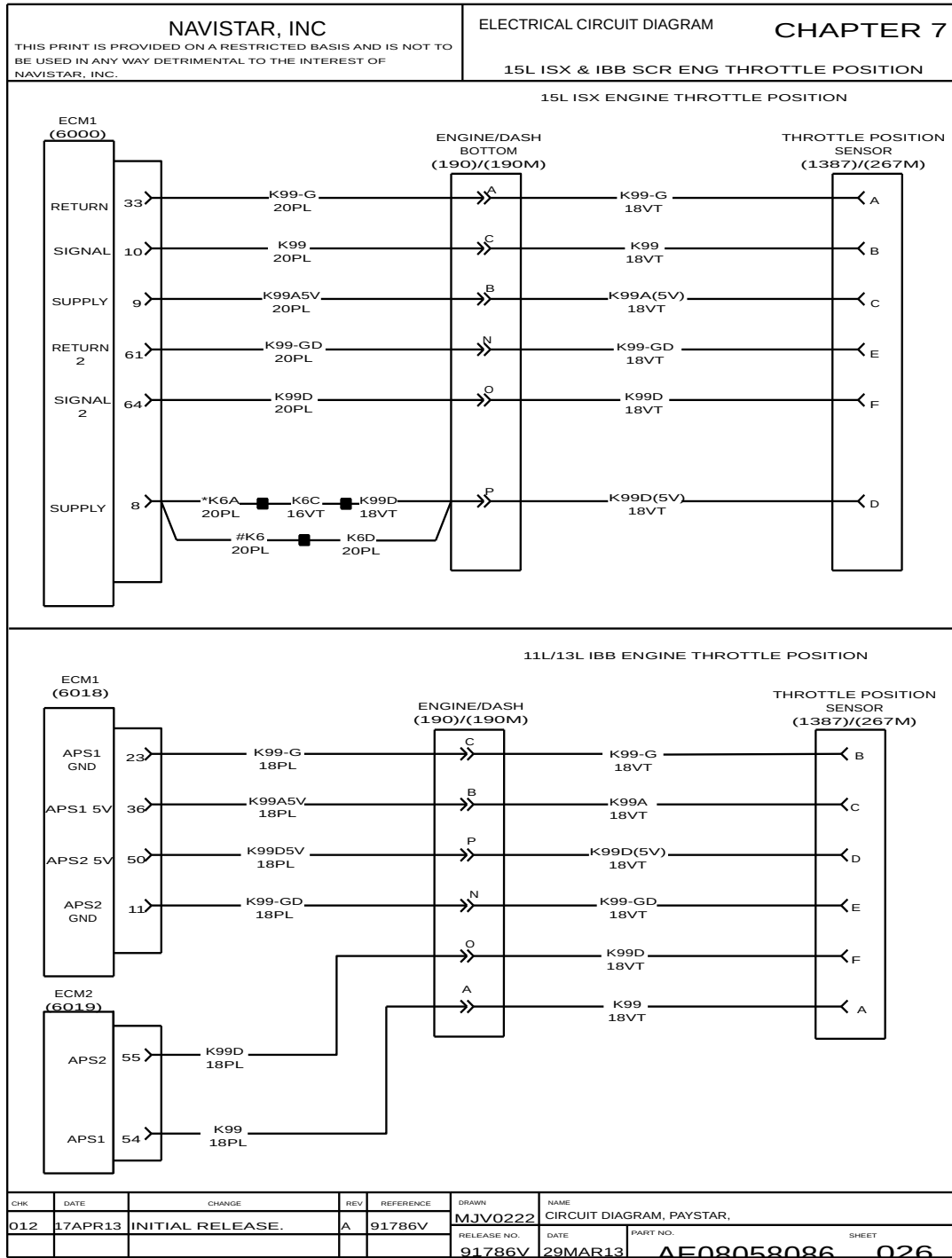


Figure 104 15L ISX & IBB SCR ENG Throttle Position

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

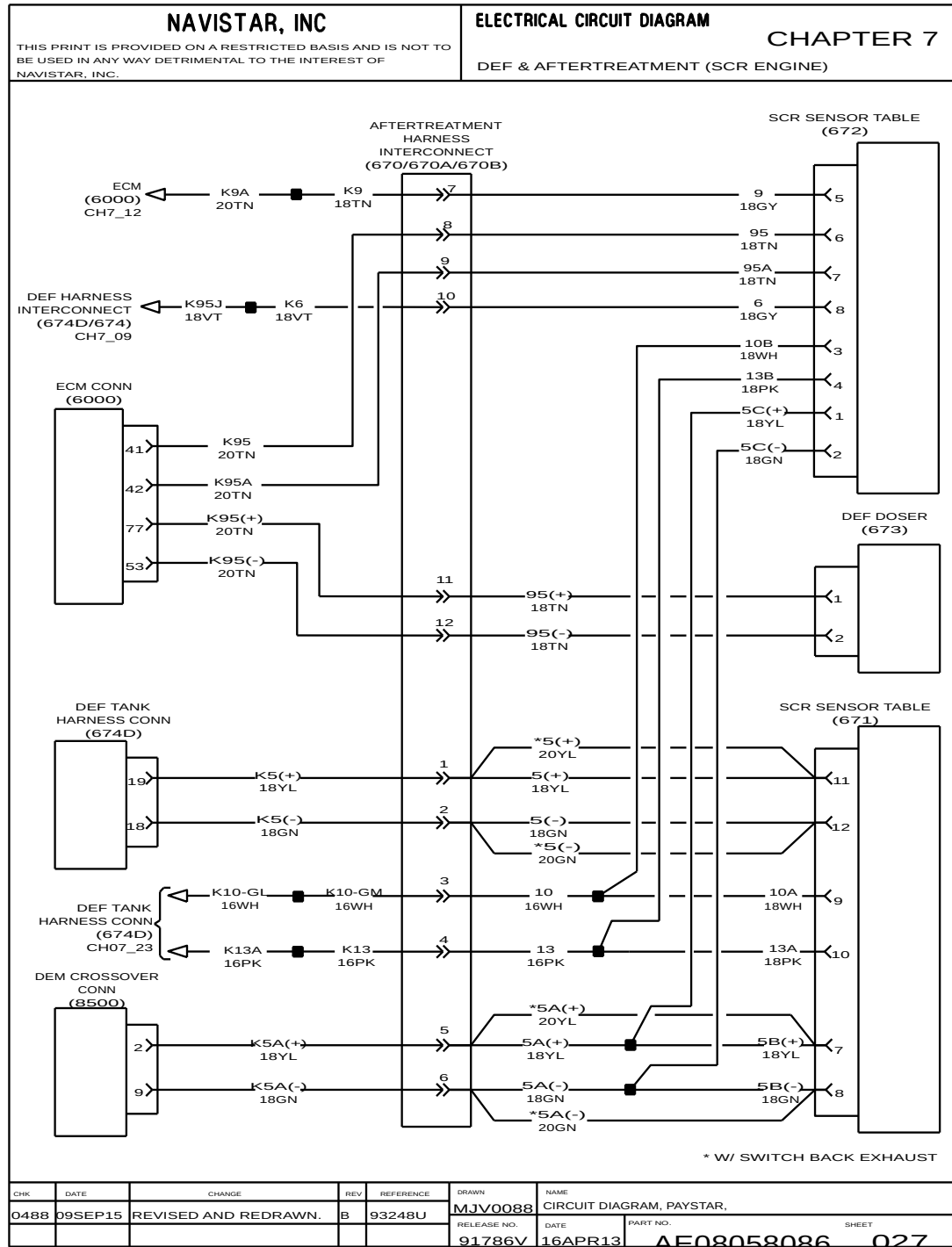


Figure 105 DEF & Aftertreatment (SCR Engine)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

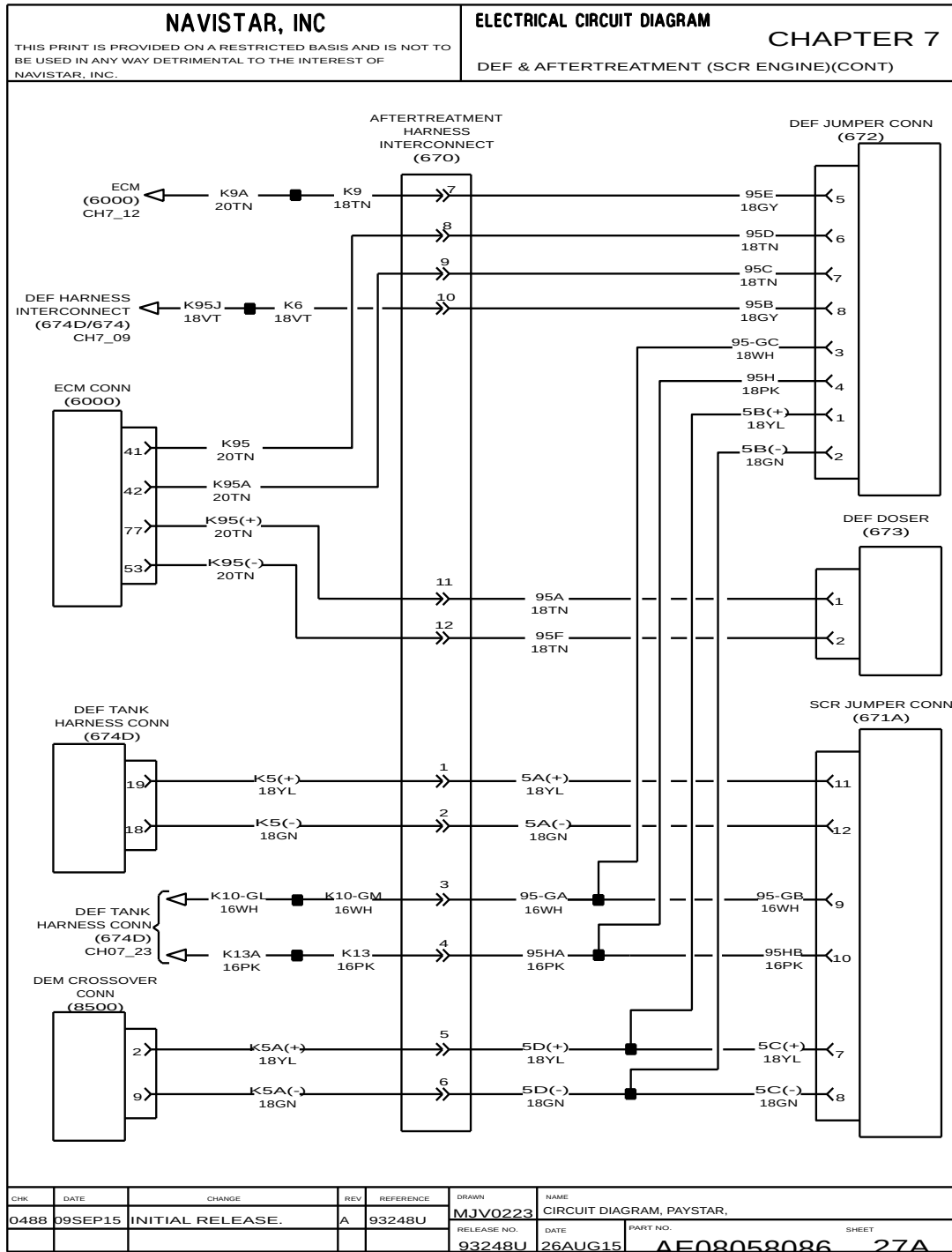


Figure 106 DEF & Aftertreatment (SCR Engine) (Cont.)

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

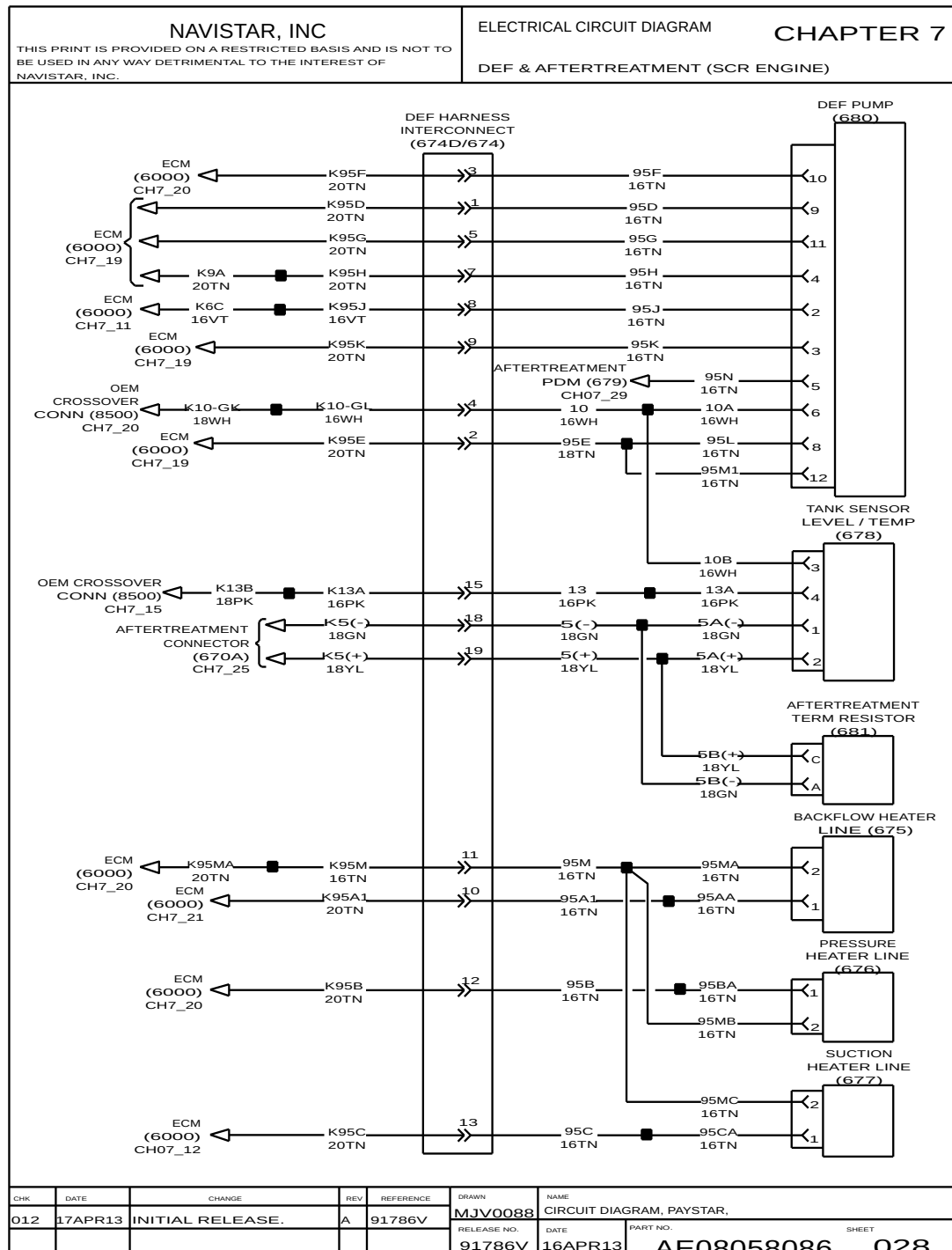


Figure 107 DEF & Aftertreatment (SCR Engine) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

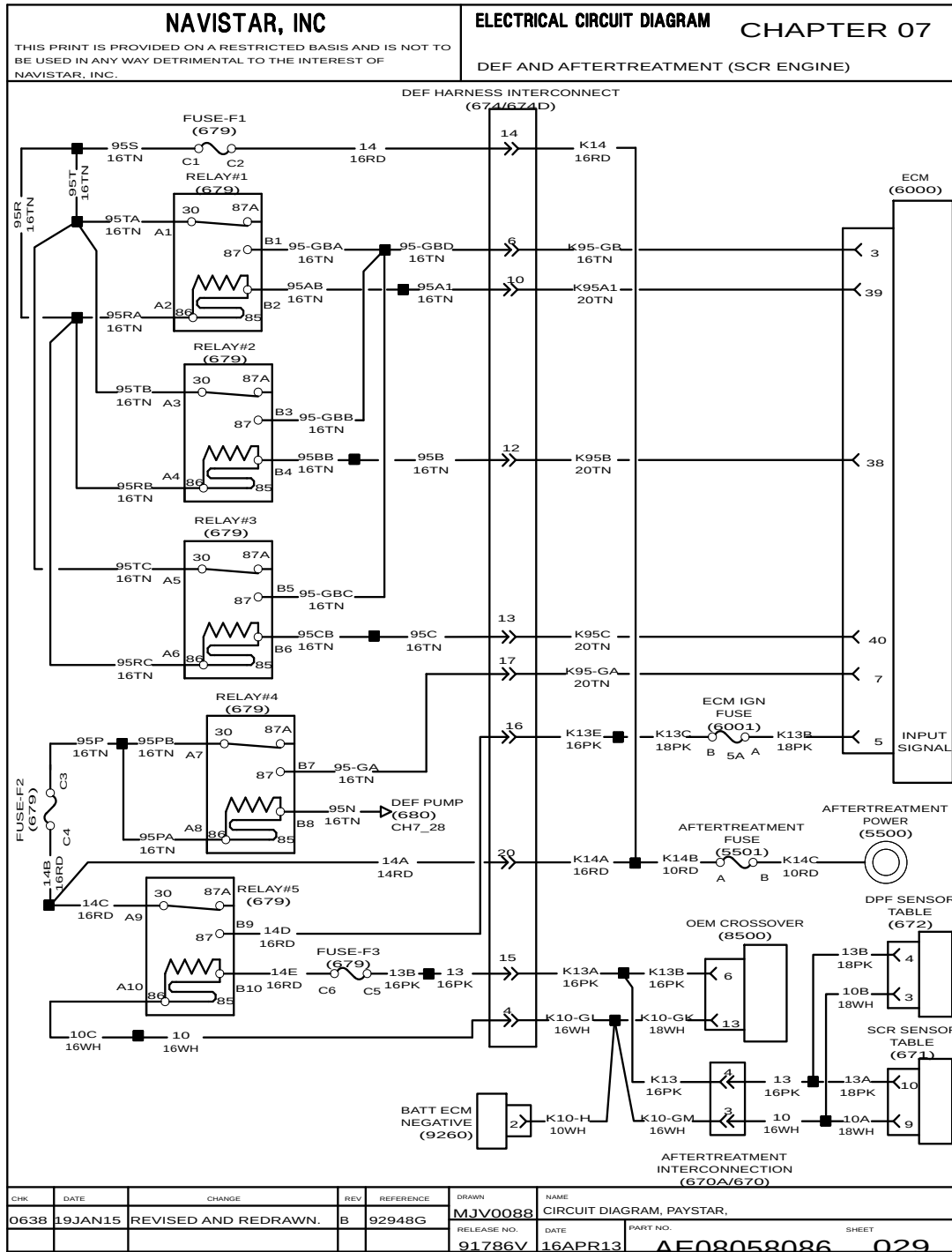


Figure 108 DEF & Aftertreatment (SCR Engine) (Cont.)

GAUGES AND WARNING LIGHTS (CHAPTER 8)

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

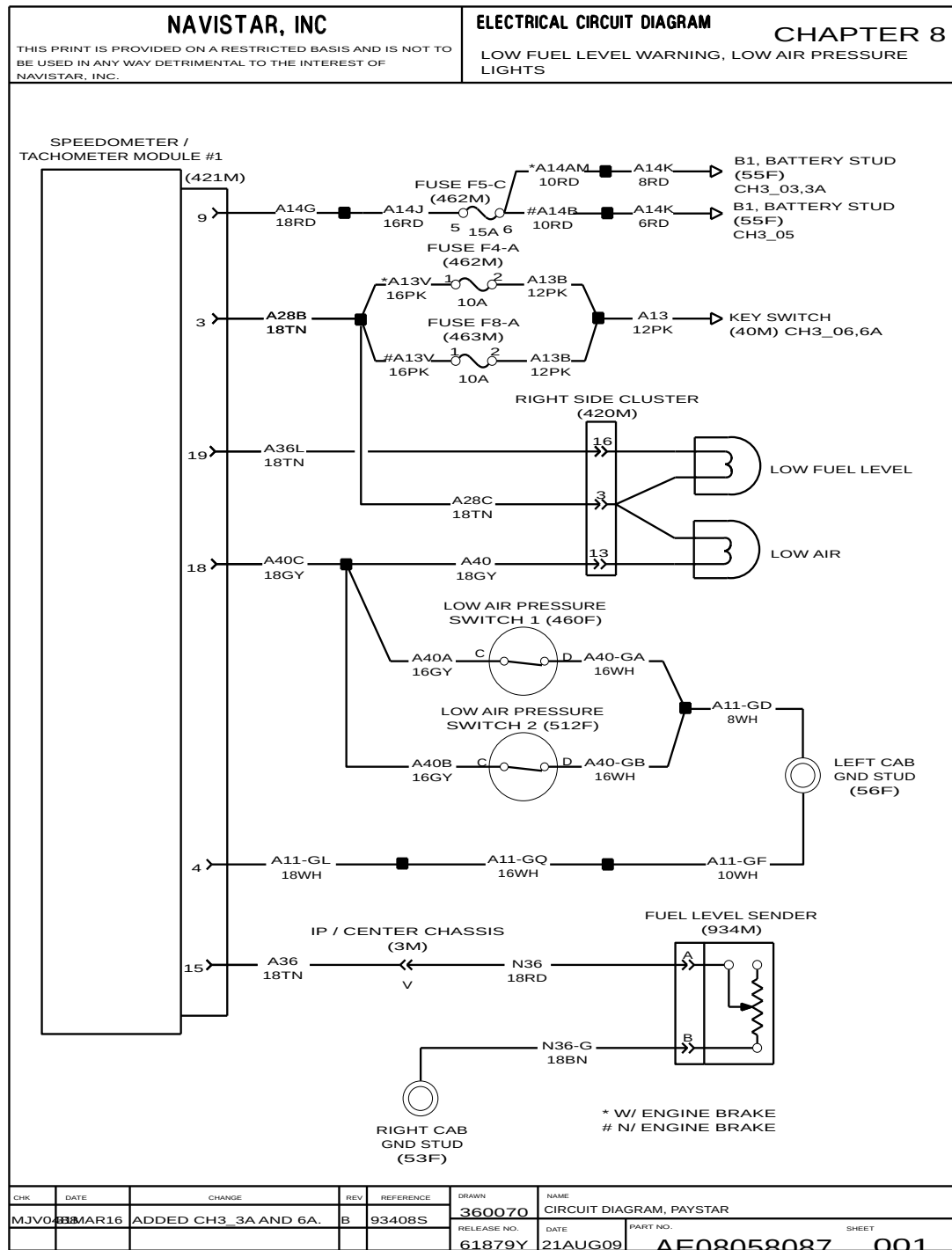


Figure 109 Low Fuel Level Warning, Low Air Pressure Warning Lights

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

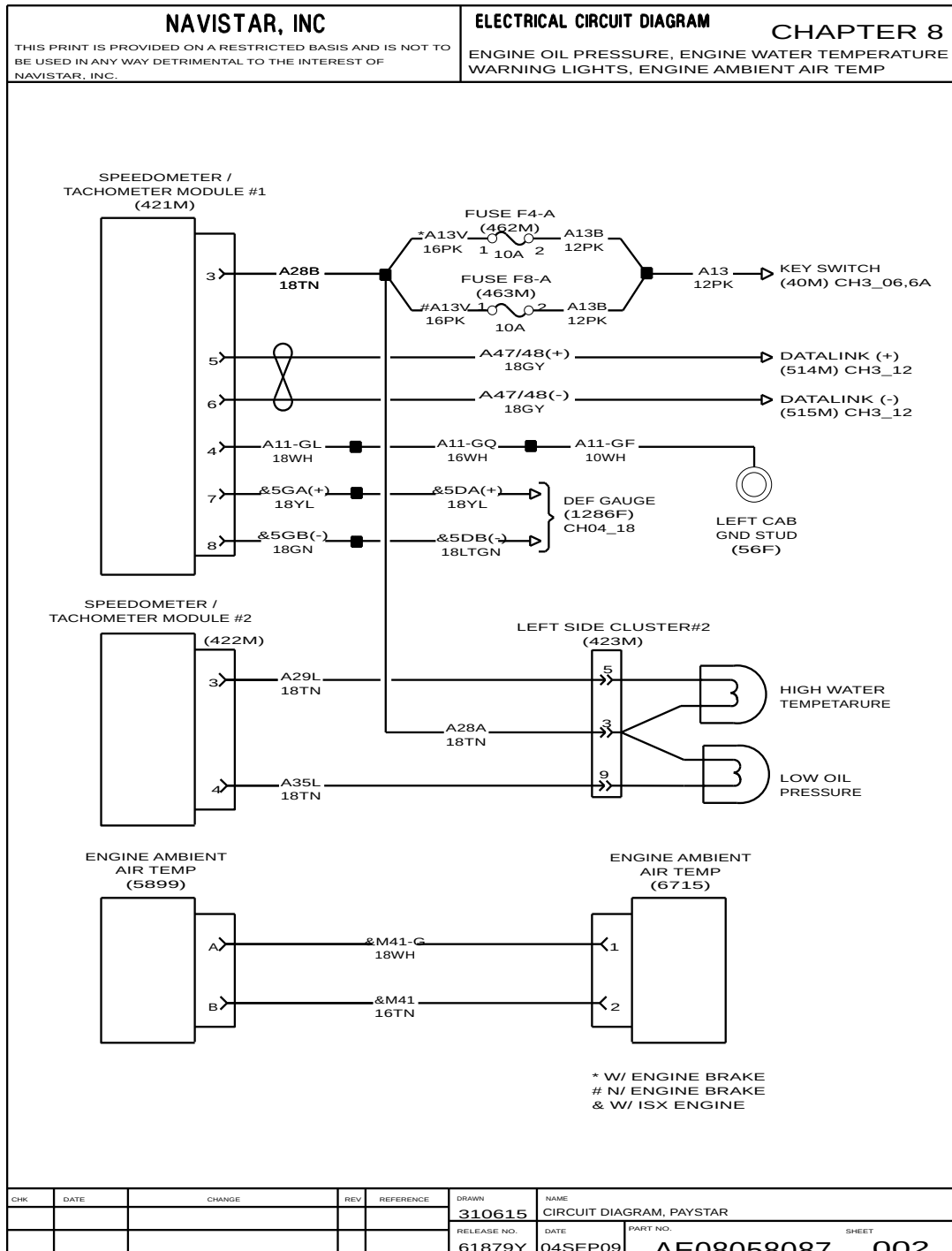


Figure 110 Engine Oil Pressure, Engine Water Temperature Warning Lights, Engine Ambient Air Temp

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

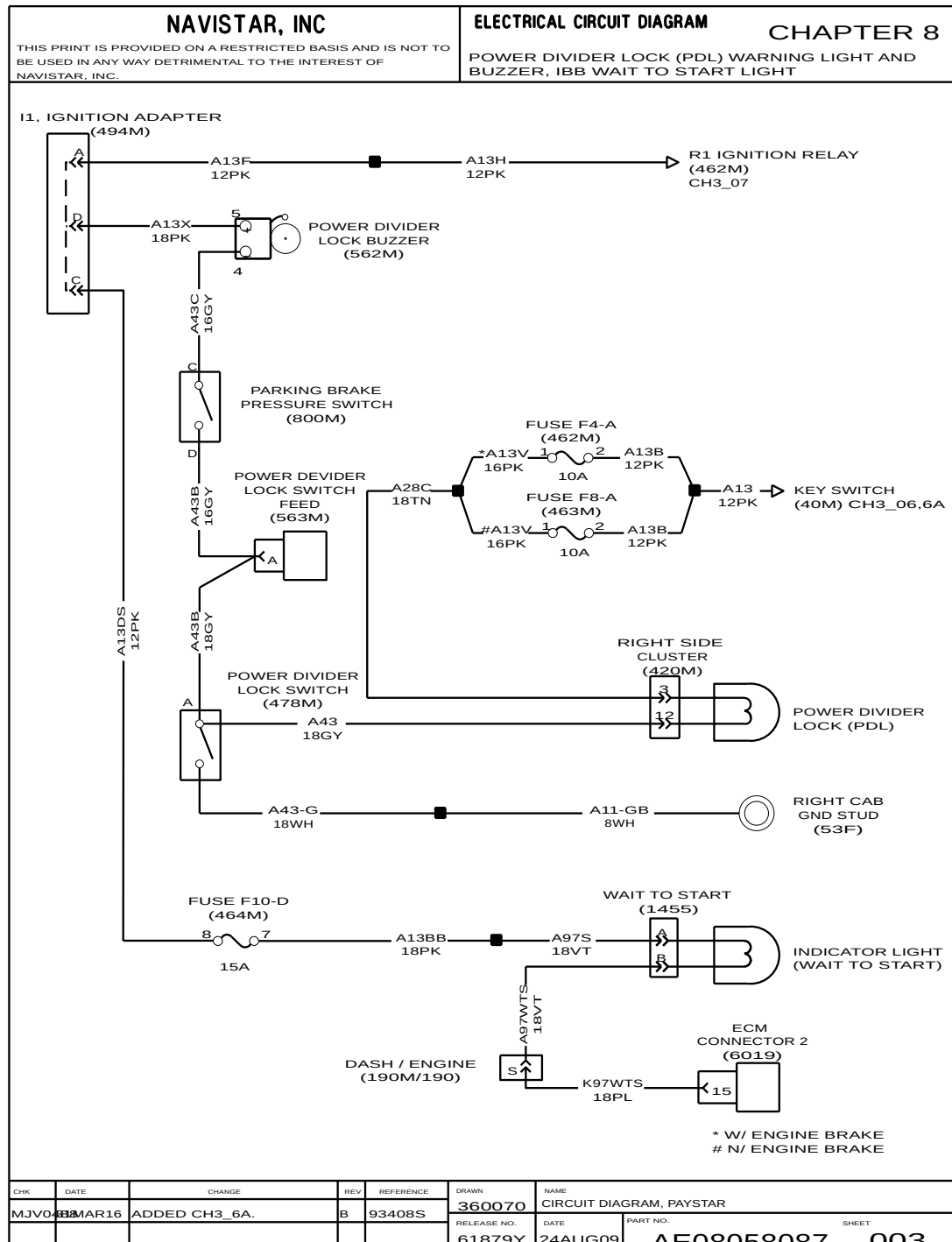


Figure 111 Power Divider Lock (PDL) Warning Light and Buzzer, IBB Wait to Start Light

ELECTRICAL CIRCUIT DIAGRAM MANUAL

8.4. AIR SUSPENSION RELEASE WARNING LIGHT, P. 4

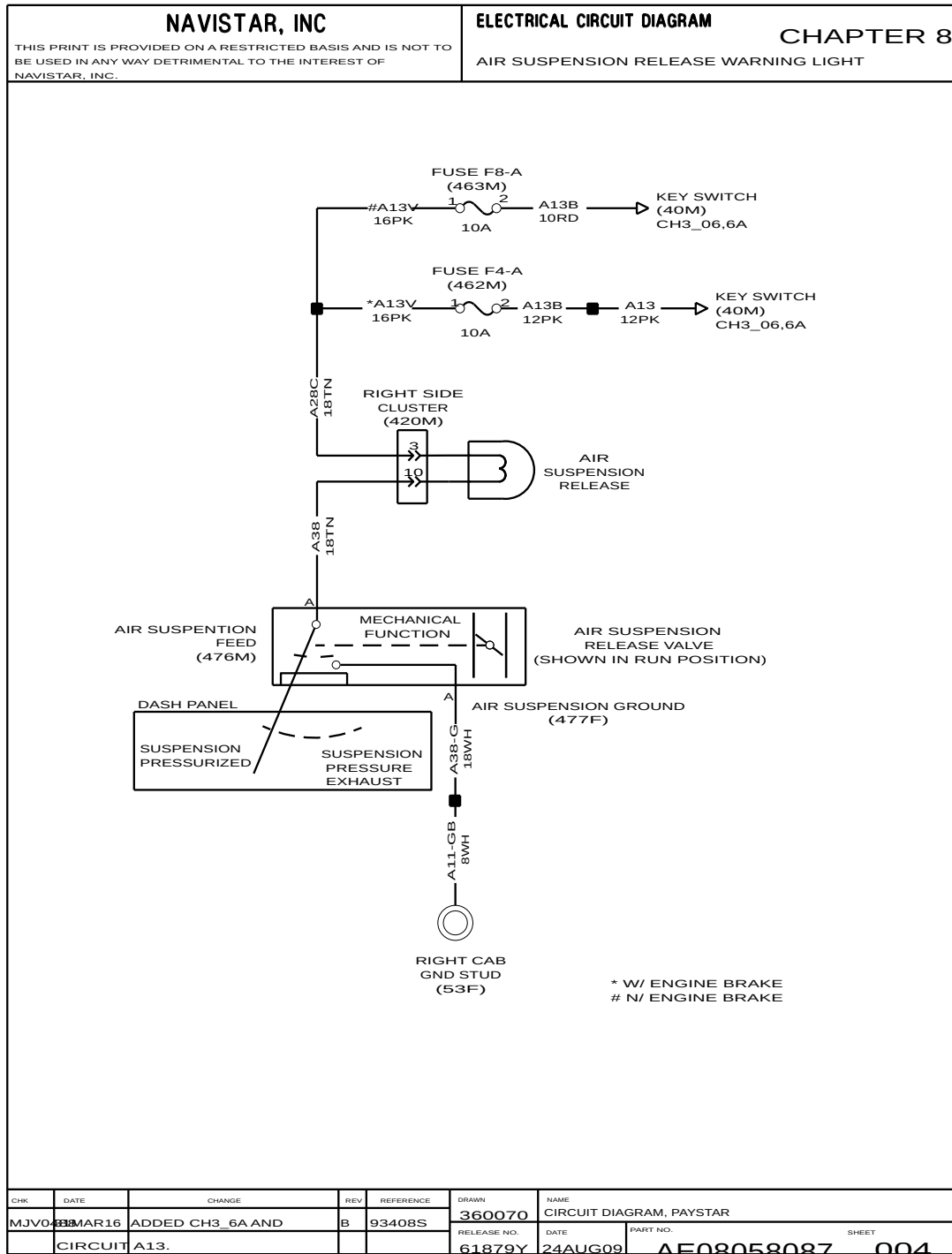


Figure 112 Air Suspension Release Warning Light

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

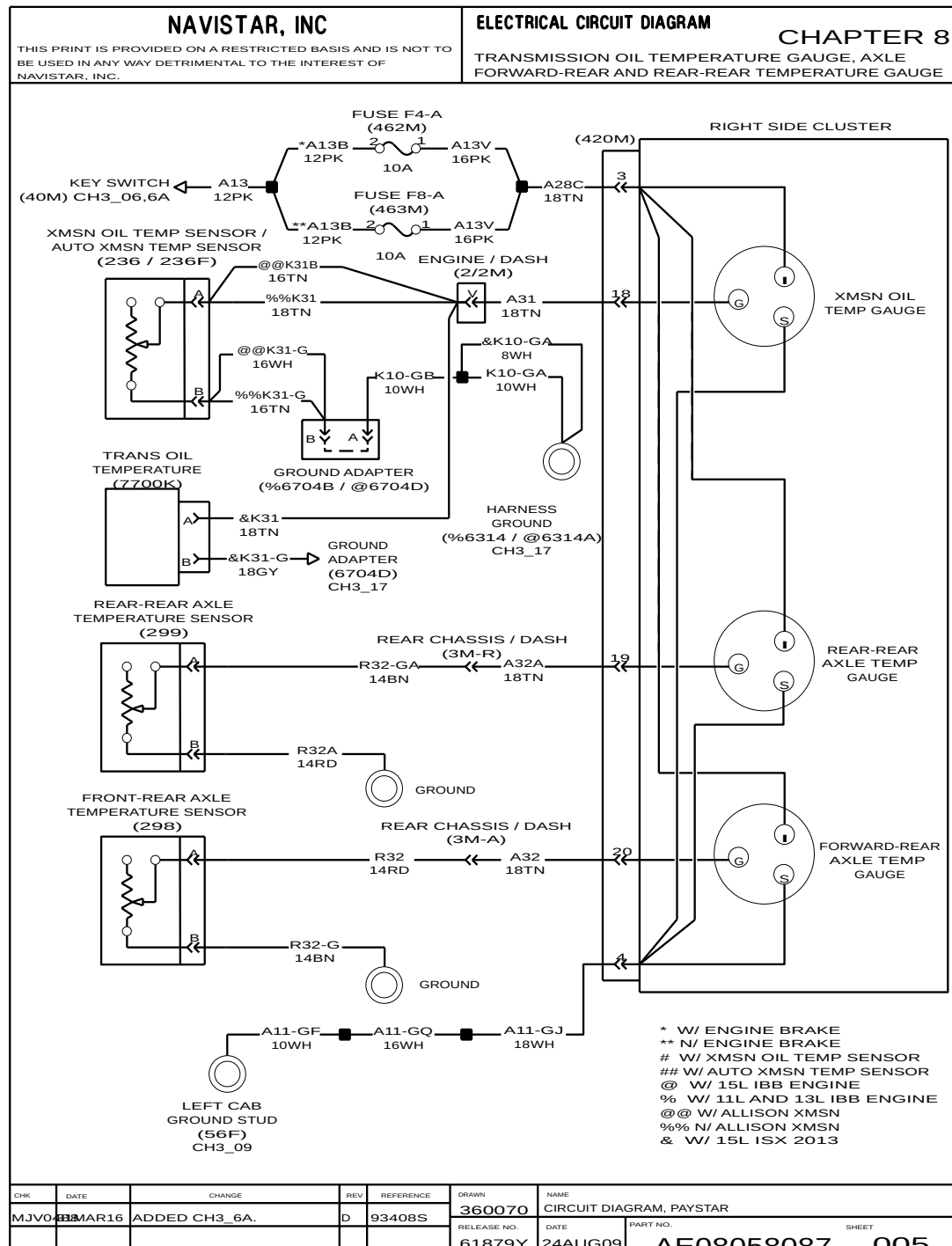


Figure 113 Transmission Oil Temperature Gauge, Axle Forward-Rear and Rear-Rear Temperature Gauge

ELECTRICAL CIRCUIT DIAGRAM MANUAL

8.6. MANIFOLD PRESSURE GAUGE, P. 6

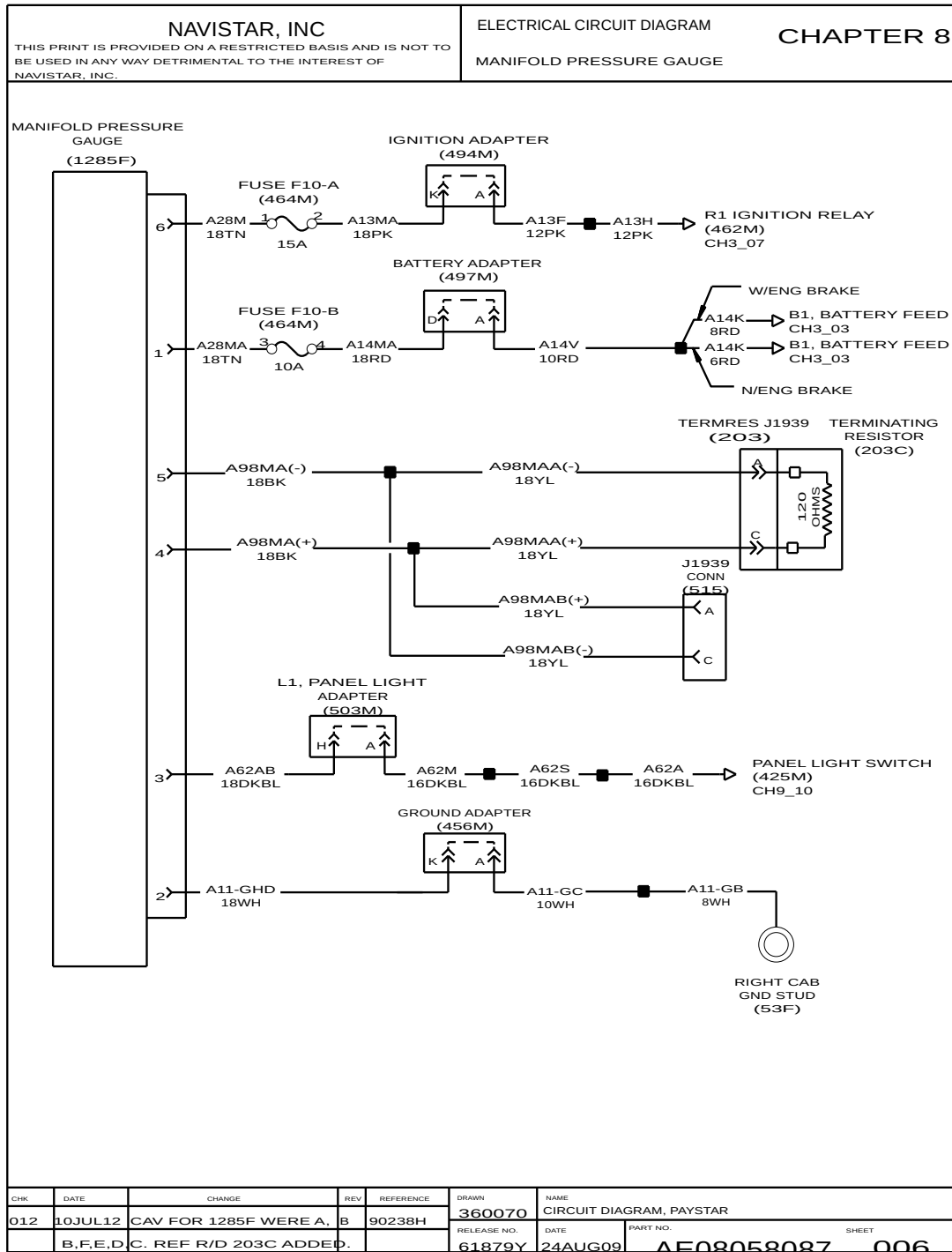


Figure 114 Manifold Pressure Gauge

8.7. PYROMETER GAUGE, P. 7

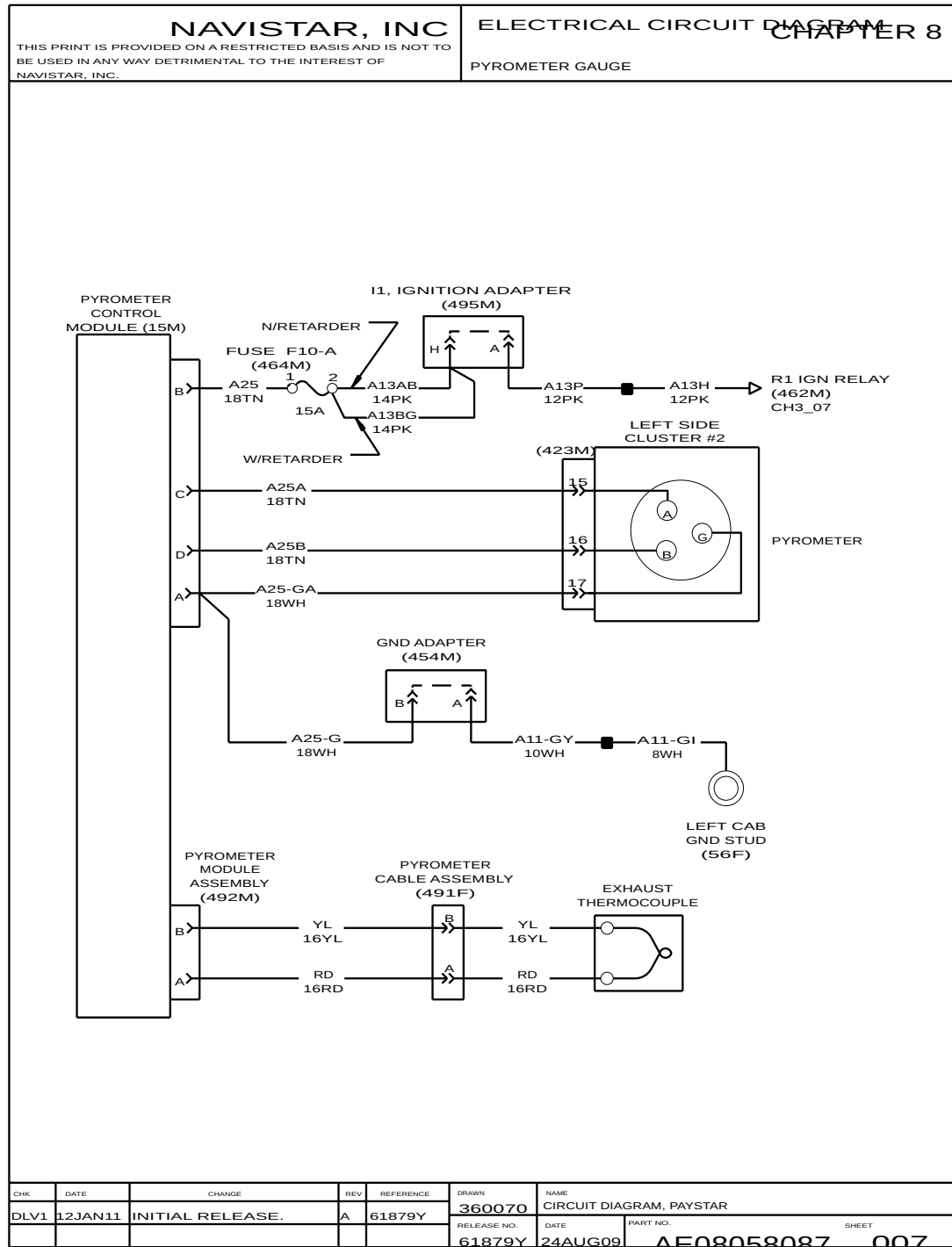


Figure 115 Pyrometer Gauge

ELECTRICAL CIRCUIT DIAGRAM MANUAL

8.8. VOLTMETER AND FUEL LEVEL GAUGE, P. 8

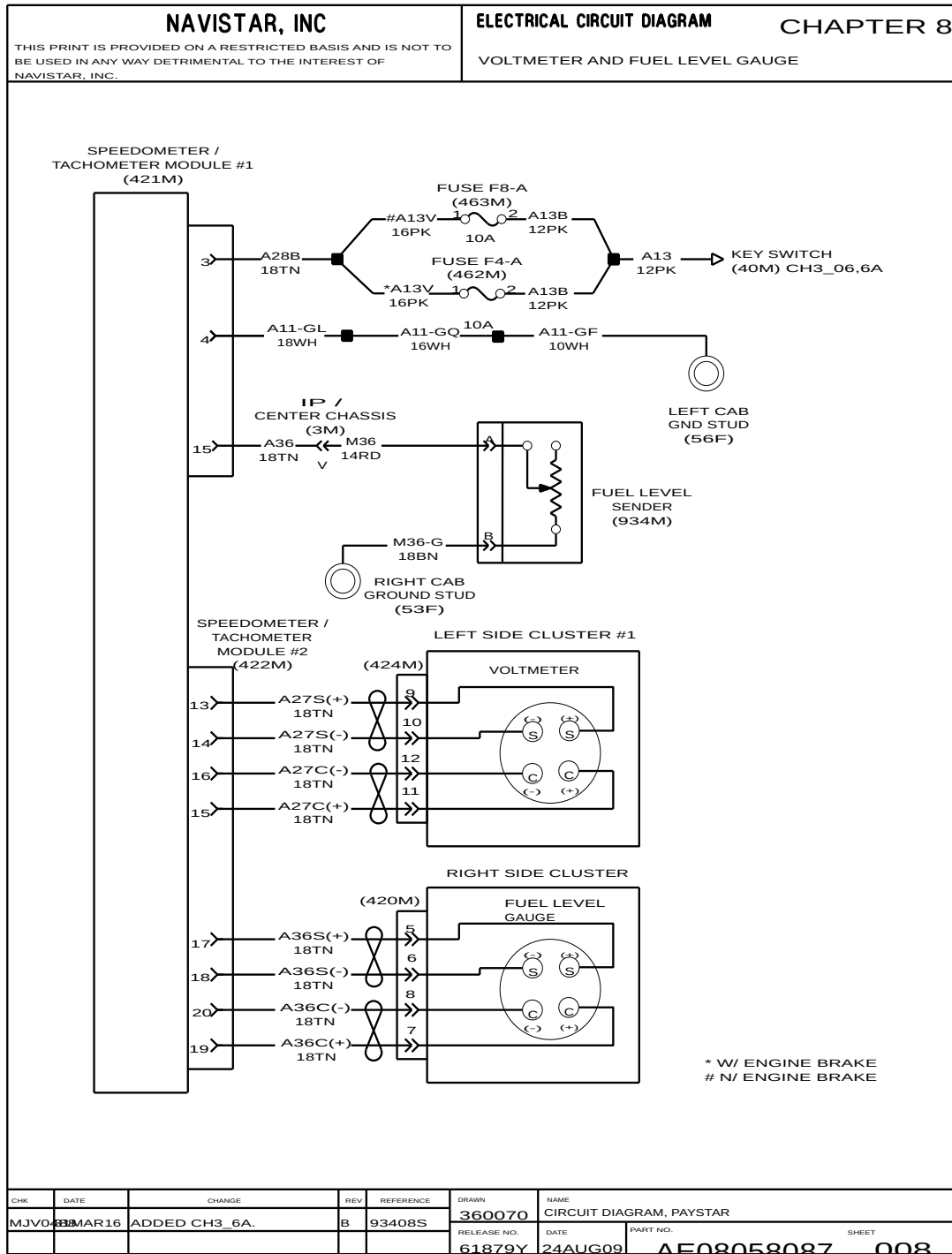


Figure 116 Voltmeter and Fuel Level Gauge

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

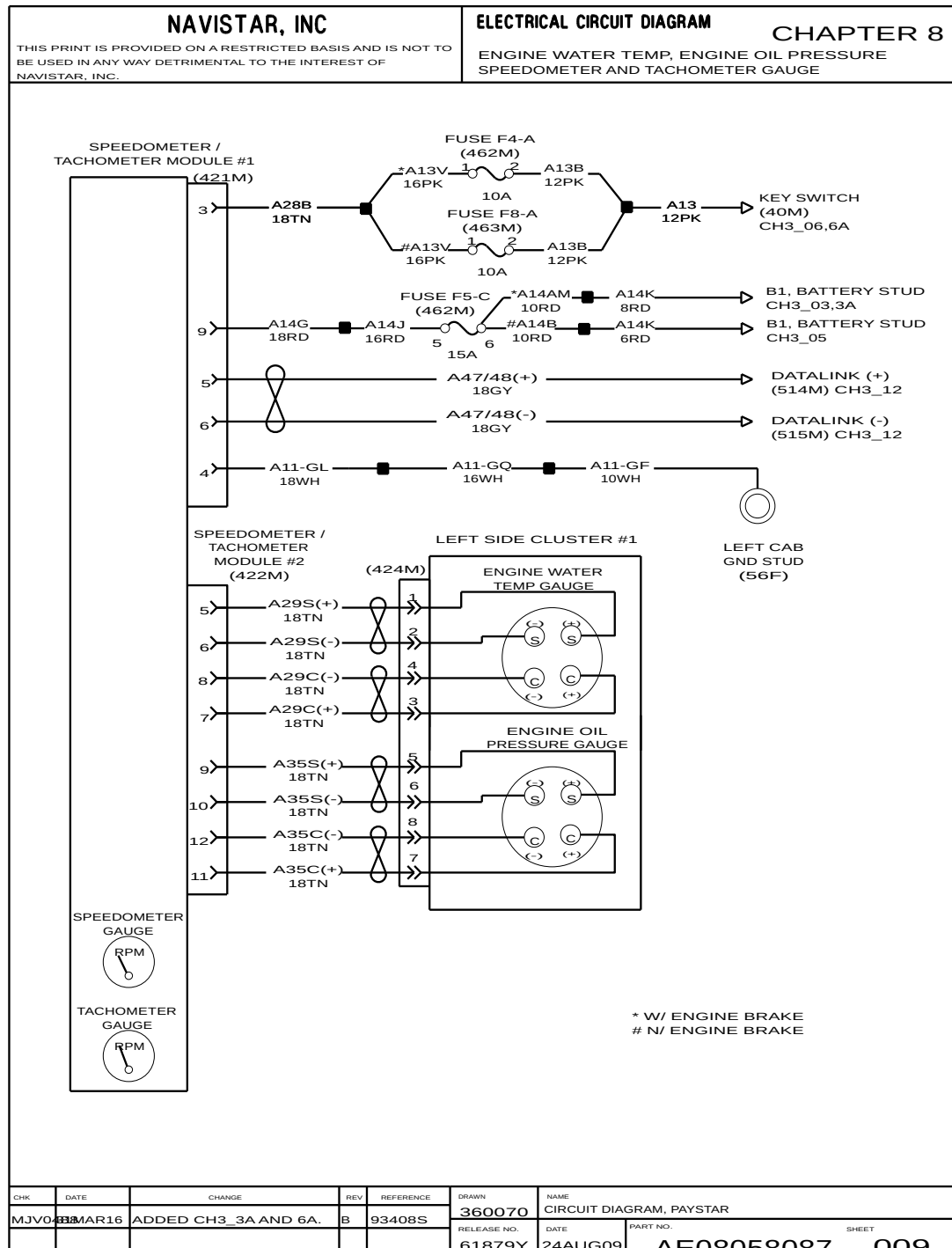


Figure 117 Engine Water Temperature, Engine Oil Pressure, Speedometer and Tachometer Gauge

ELECTRICAL CIRCUIT DIAGRAM MANUAL

8.10. ETHER START, P. 10

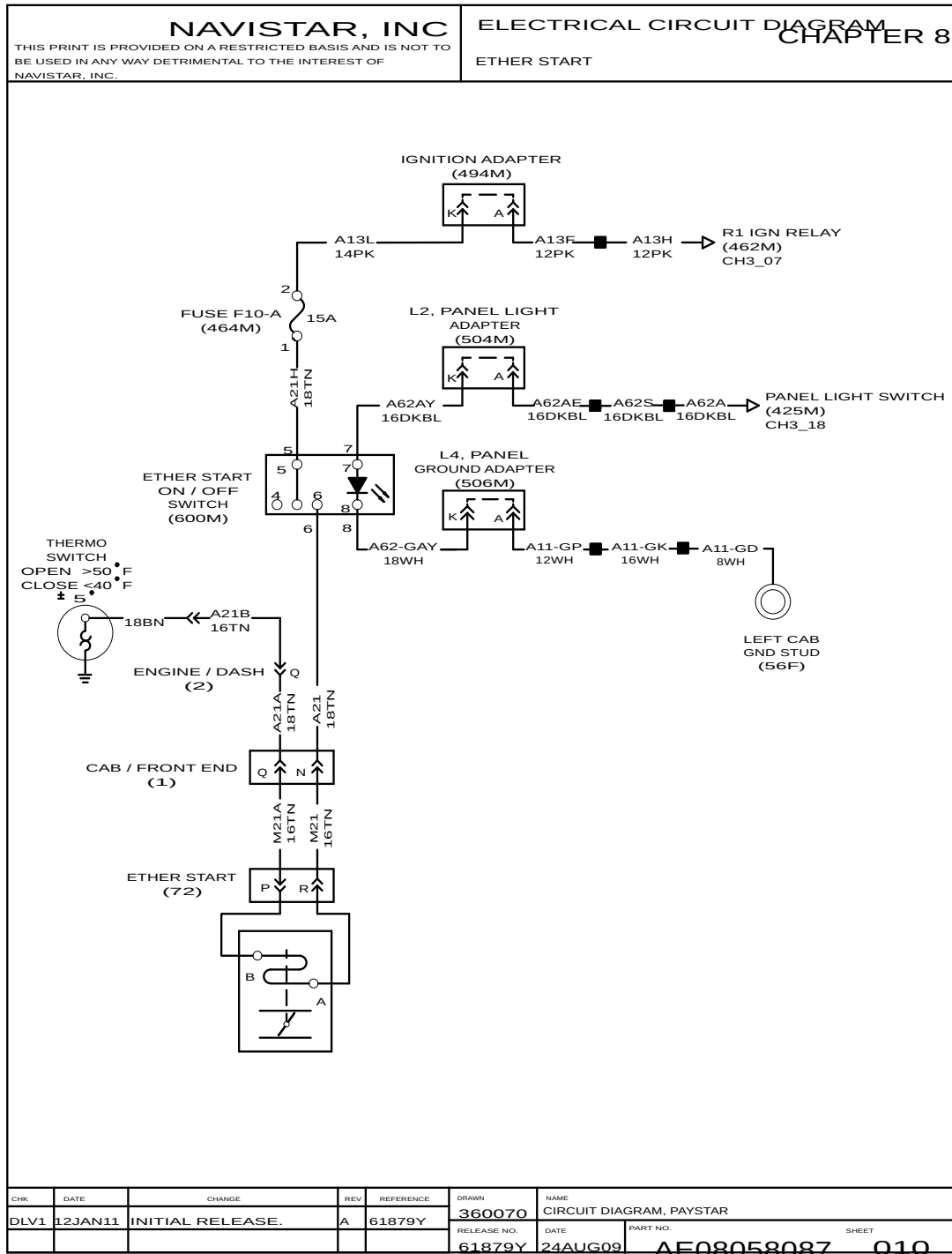


Figure 118 Ether Start

8.11. RED STOP LAMP BUZZER SYSTEM, P. 11

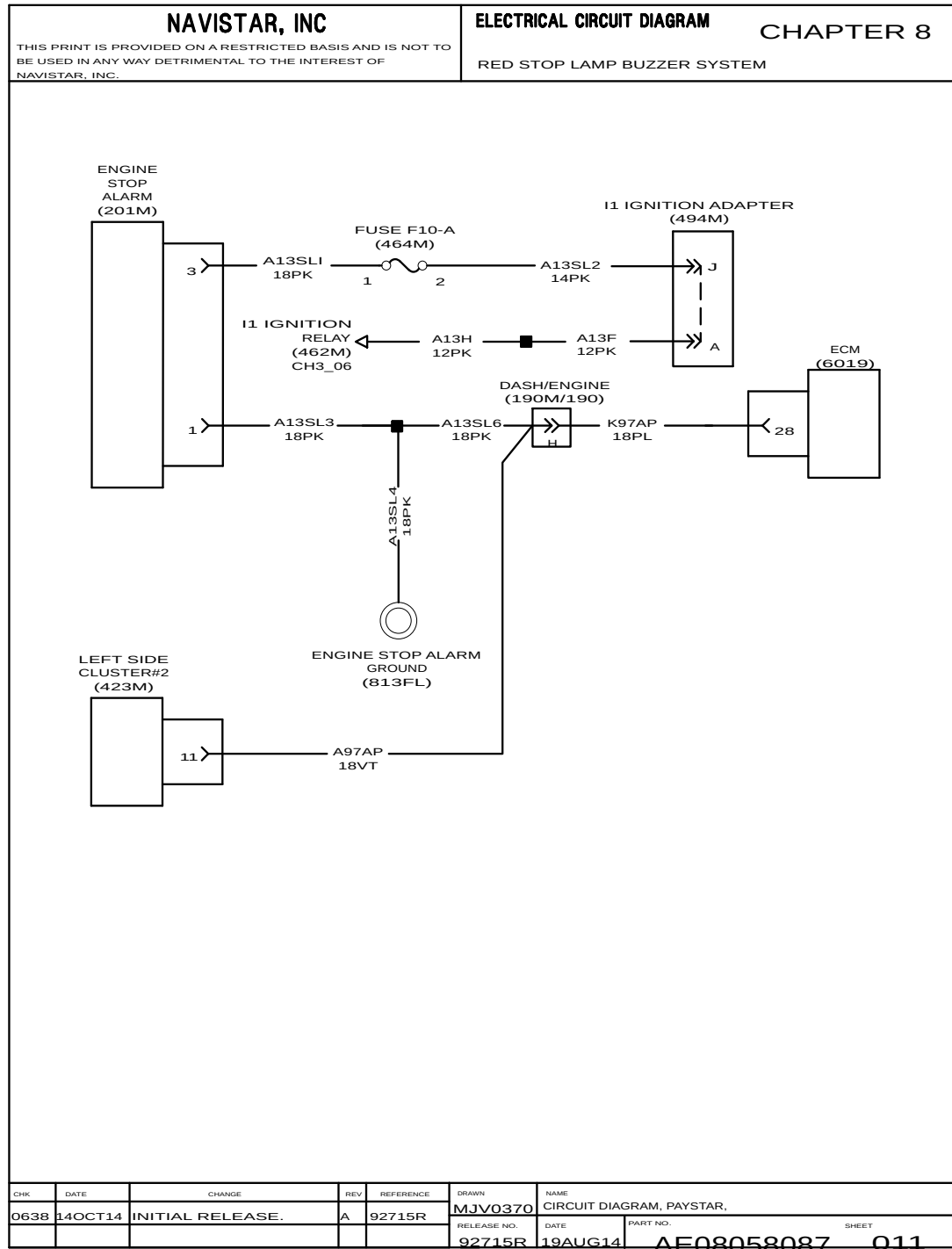


Figure 119 Red Stop Lamp Buzzer System

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 9

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

CAB AND TRAILER LIGHT SWITCH AND RELAY

CAB AND TRAILER LIGHT TAIL RELAY R9 (464M)

STOP LIGHT RELAY R10 (464M) CH9_12

FUSE F10-A (464M)

FUSE F8-C (463M)

TRAILER LIGHT SWITCH (466M)

TRAILER MARKER LIGHT RELAY R8 (463M)

LEFT CAB GND STUD (56F)

PANEL LIGHT SWITCH (425M) CH9_10

HEADLIGHT SWITCH (465M) CH9_08

B1, BATTERY STUD CH3_05,5A

B2, BATTERY STUD CH3_02,2A

B2, BATTERY STUD CH3_02,2A

B2, BATTERY STUD CH3_05,5A

TRUCK BODY JUNCTION BLOCK (43M) CH10_10

AC RELAY R6 (463M) CH12_01

RIGHT CAB GND STUD (53F)

CHASSIS / CAB CONNECTOR (3)

MIRROR LIGHT INTERCHANGES CONNECTION (1116ML) CH4_06

LEFT / RIGHT REAR STOP, TAIL & TURN LIGHT (127) CH9_12

*** W/ ENGINE BRAKE
N/ ENGINE BRAKE
& W/ ISX ENGINE**

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	PART NO.	SHEET
MJV003	03MAR16	ADDED CH3_2A,5A.	C	93408S	300011	CIRCUIT DIAGRAM, PAYSTAR		
					61879Y	28AUG09	AE08058088	002

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ELECTRICAL CIRCUIT DIAGRAM MANUAL

9.3. CAB CLEARANCE LIGHTS, P. 3

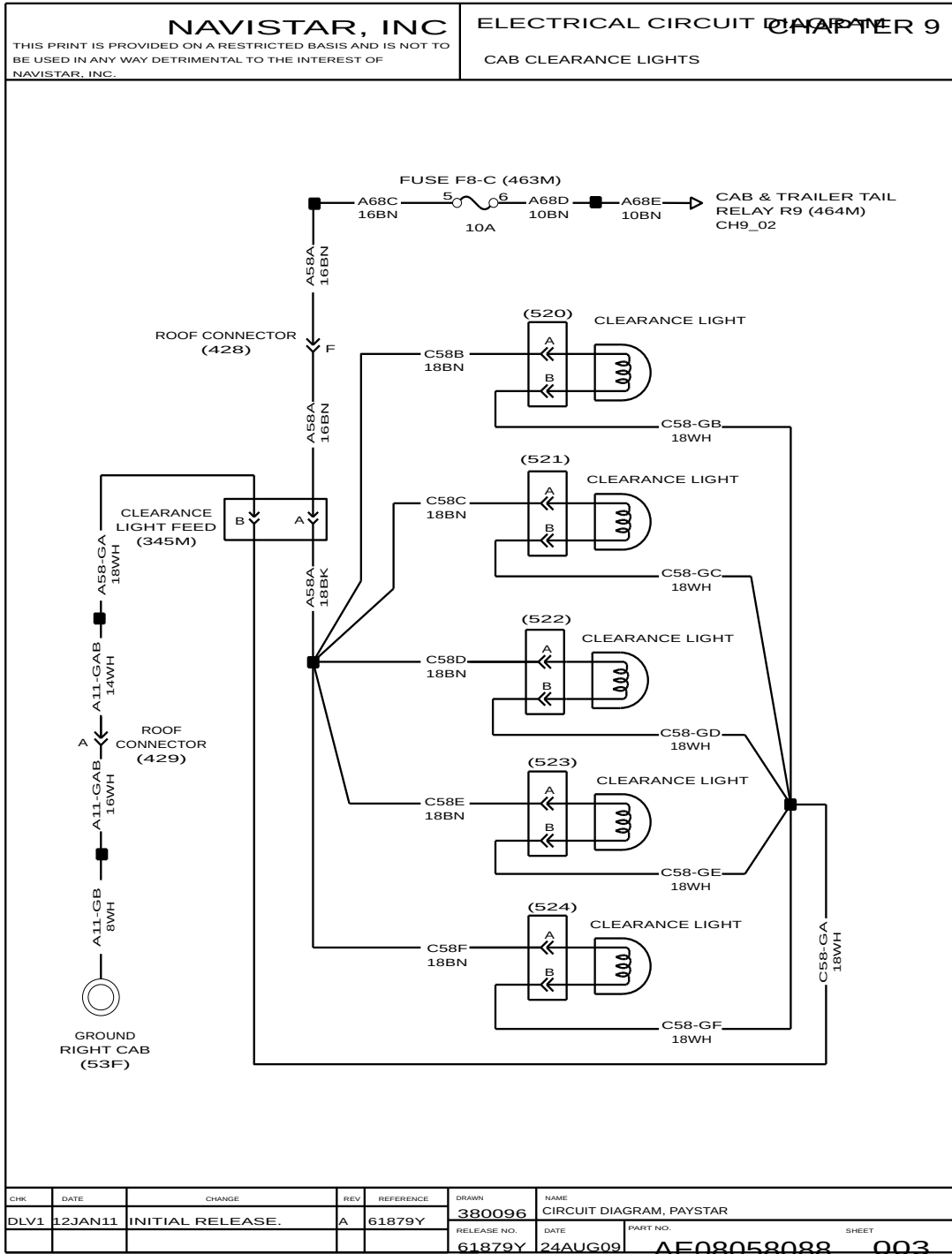


Figure 122 Cab Clearance Lights

9.4. WORK LIGHT WITHOUT SLEEPER, P. 4

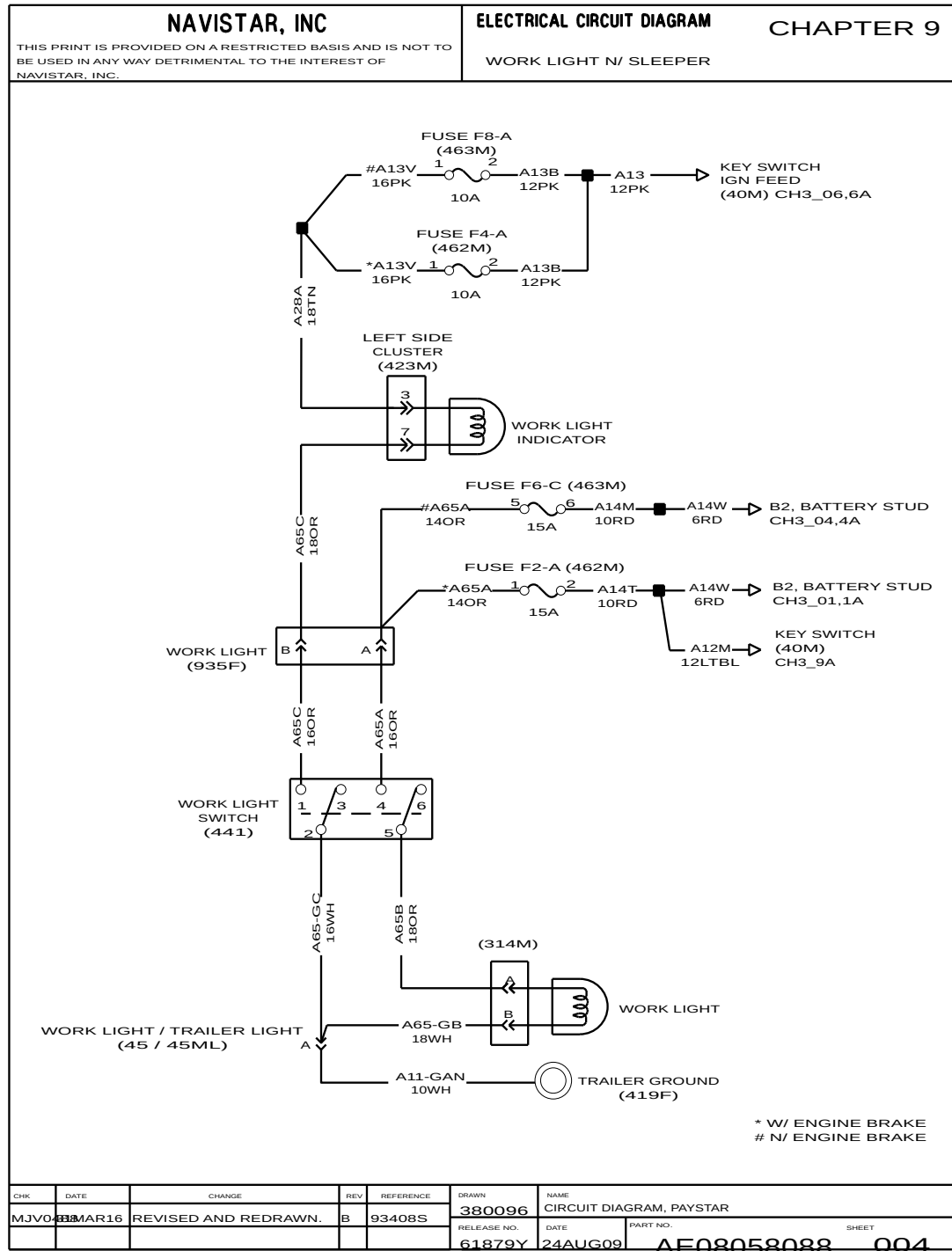


Figure 123 Work Light without SLEEPER

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

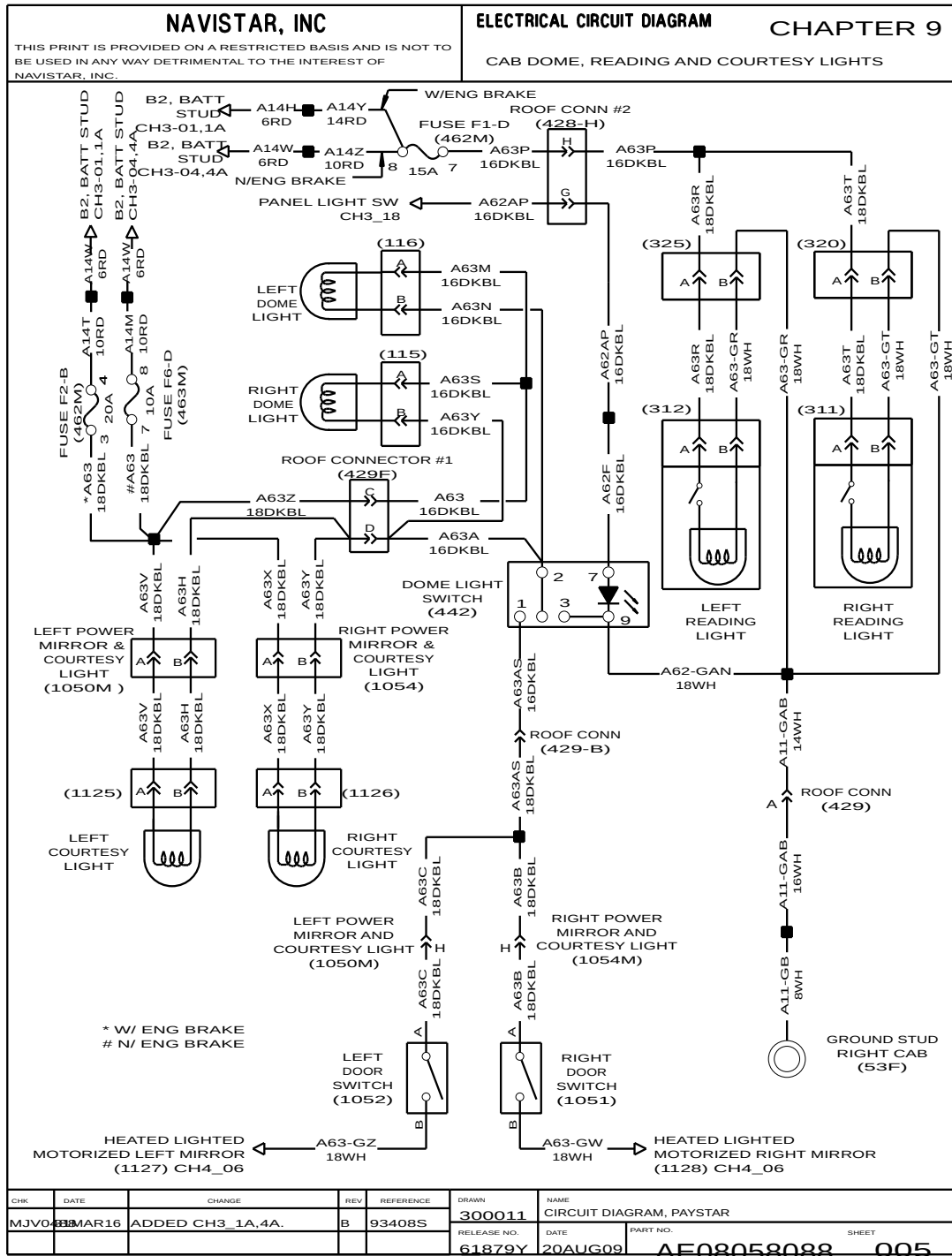


Figure 124 Cab Dome, Reading and Courtesy Lights

9.6. DAYTIME RUNNING LIGHTS, P. 6

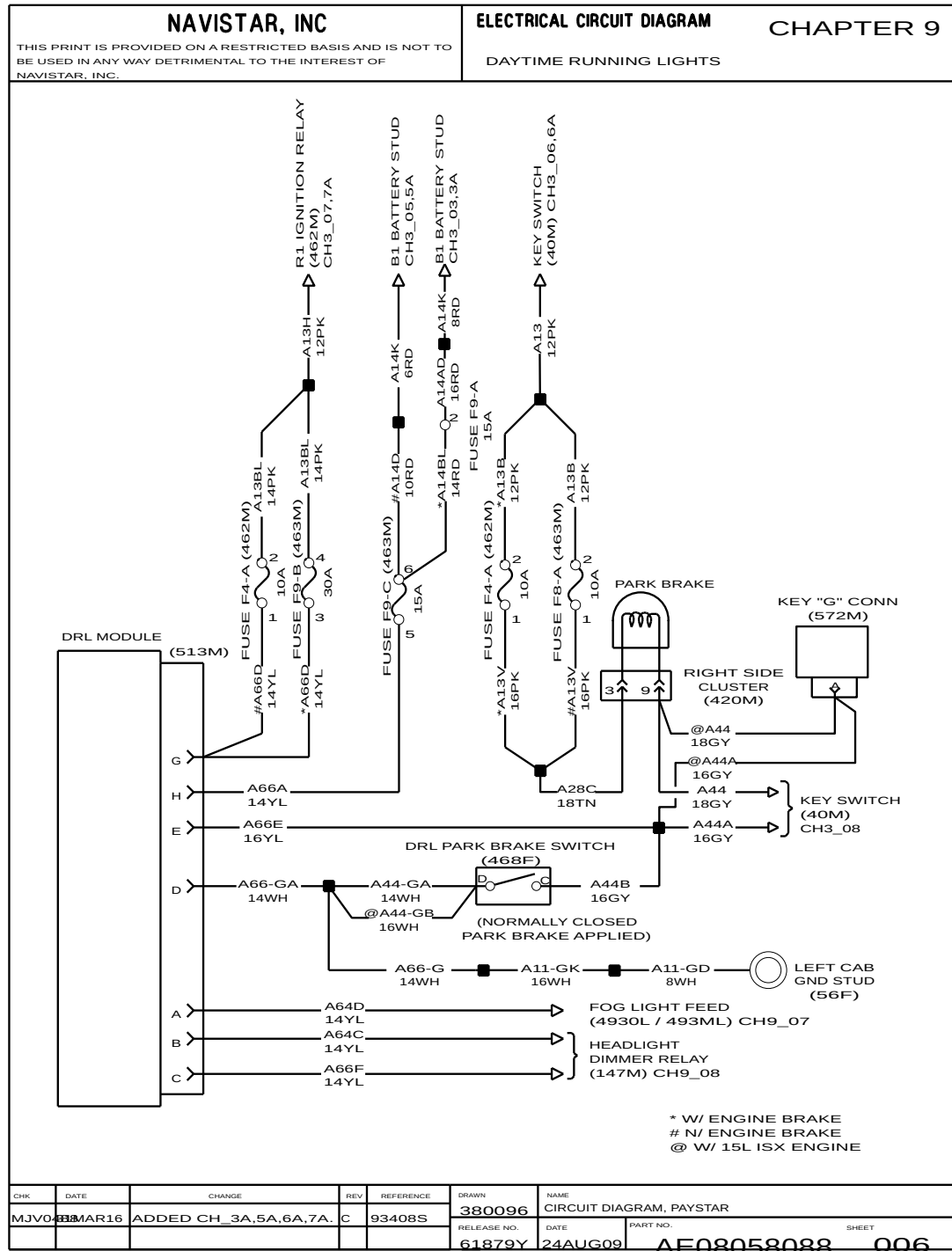


Figure 125 Daytime Running Lights

ELECTRICAL CIRCUIT DIAGRAM MANUAL

9.7. FOG LIGHTS, P. 7

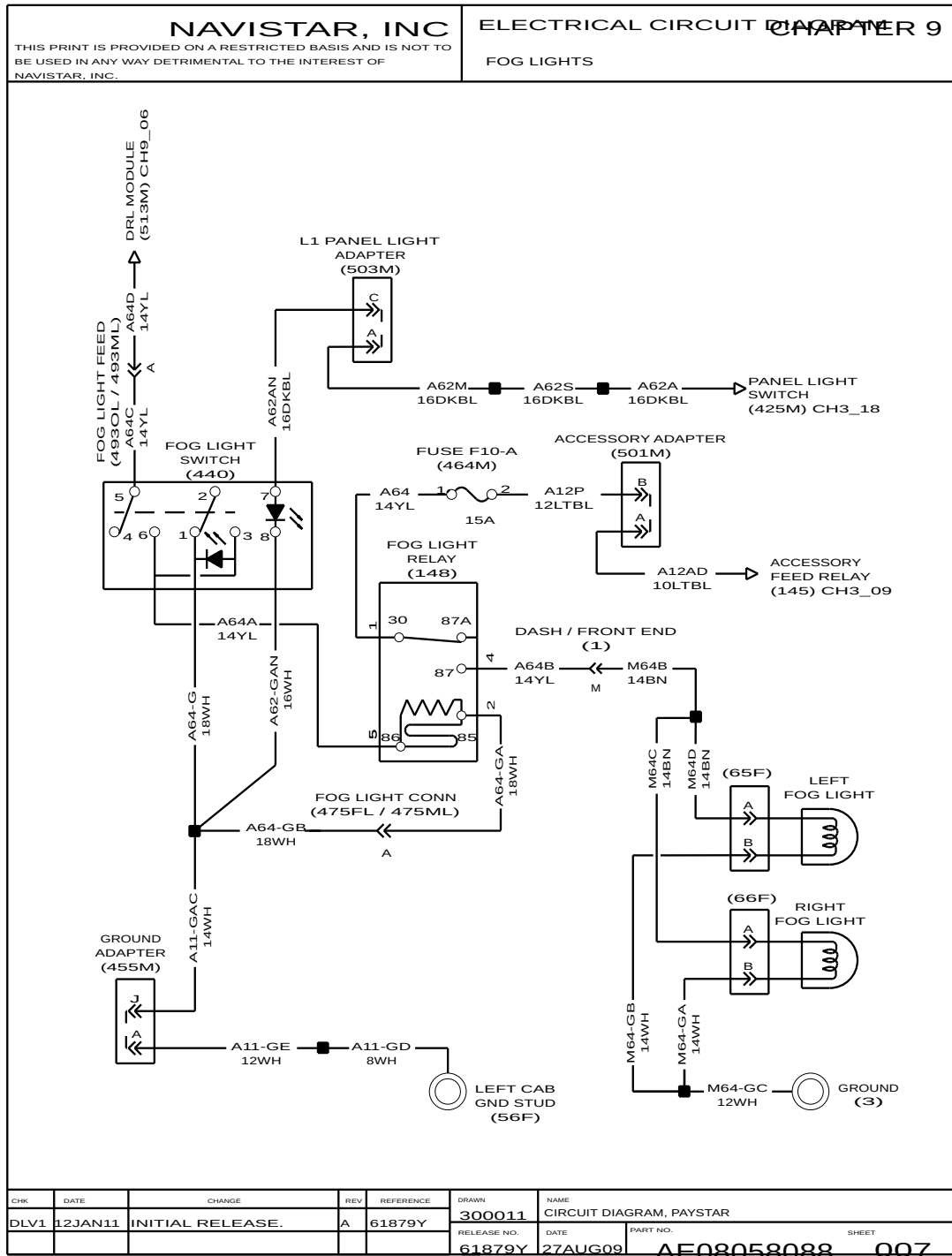


Figure 126 Fog Lights

9.8. HEADLIGHT SWITCH AND DIMMER SWITCH, P. 8

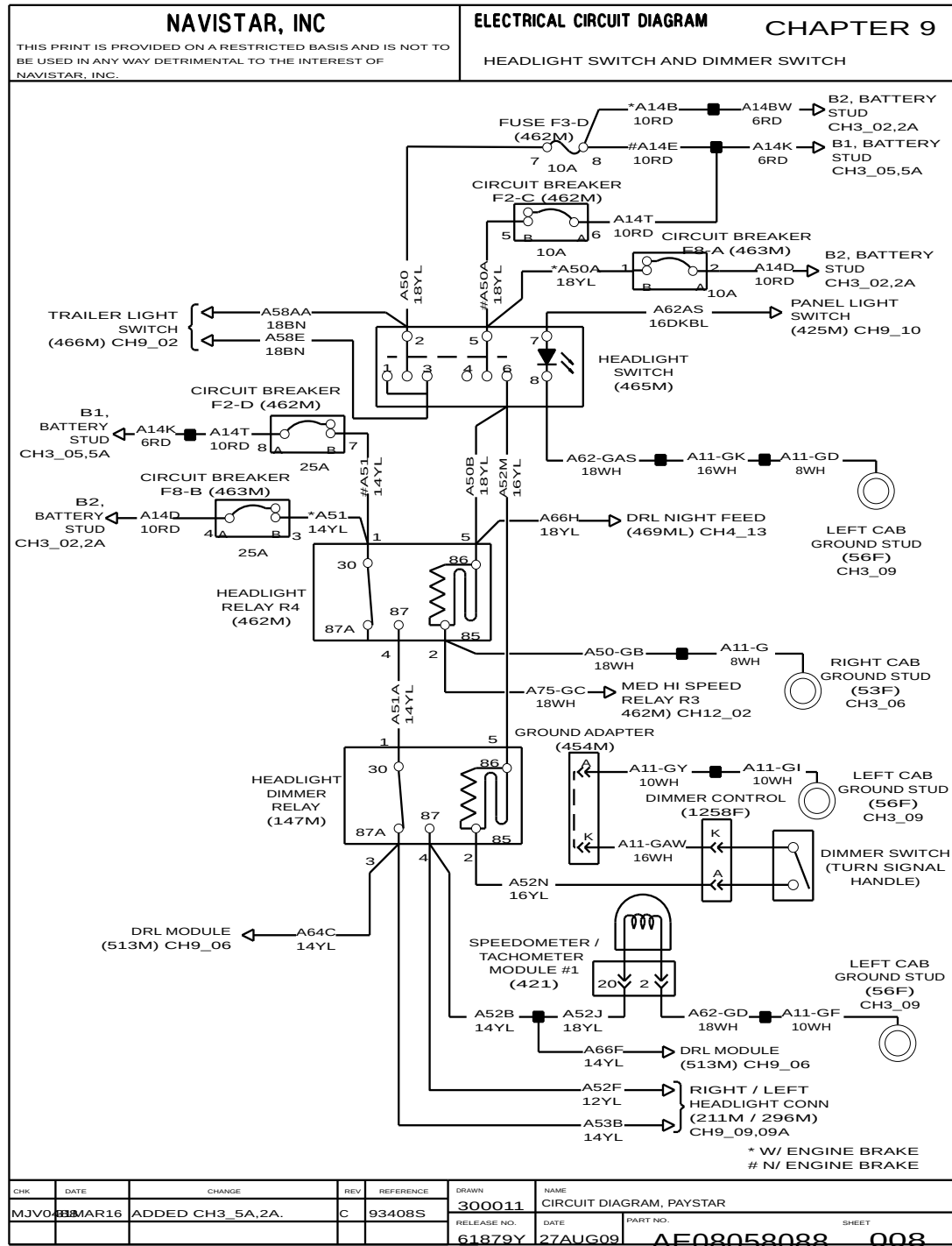


Figure 127 Headlight Switch and Dimmer Switch

ELECTRICAL CIRCUIT DIAGRAM MANUAL

9.9. HEADLIGHTS, P. 9

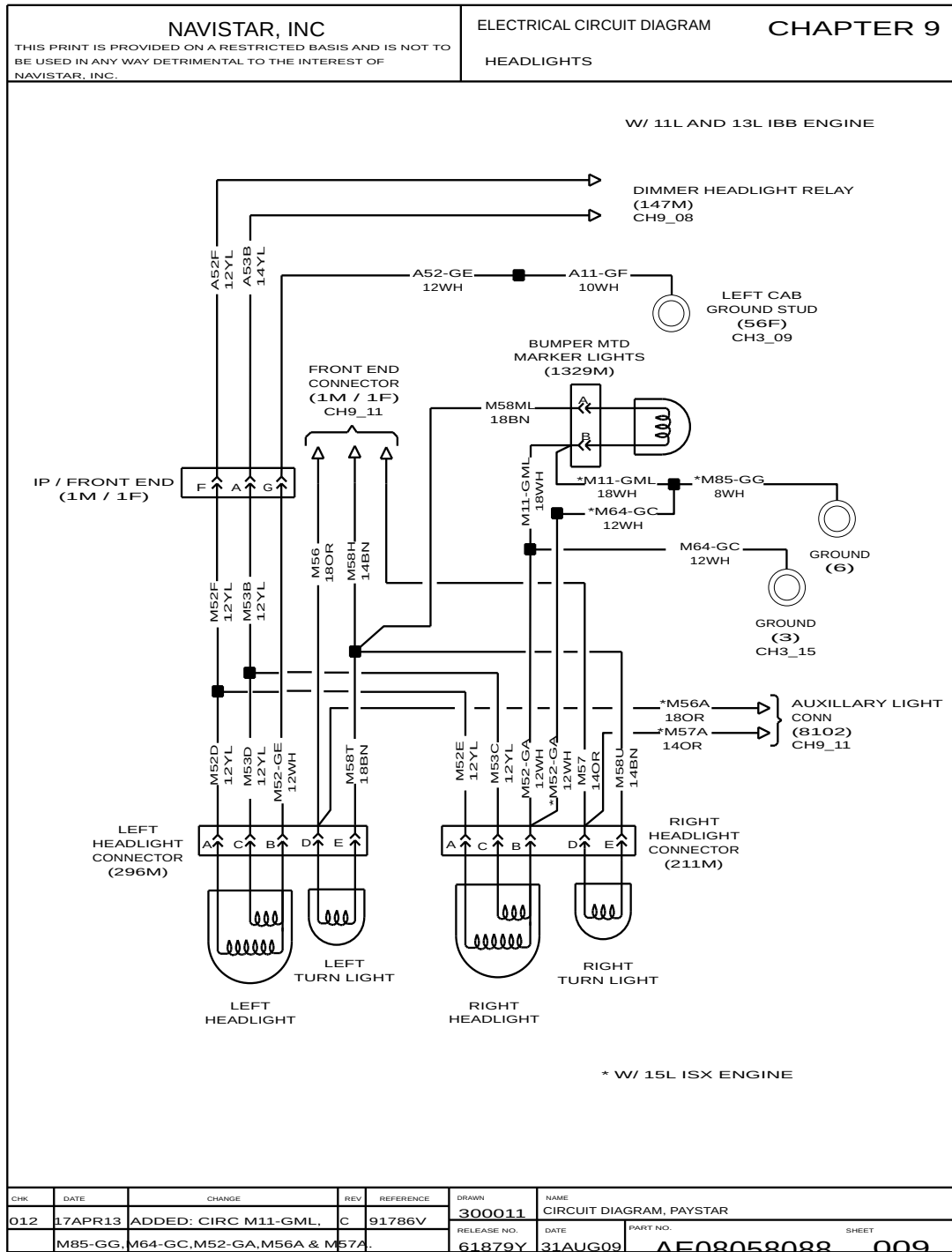


Figure 128 Headlights

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

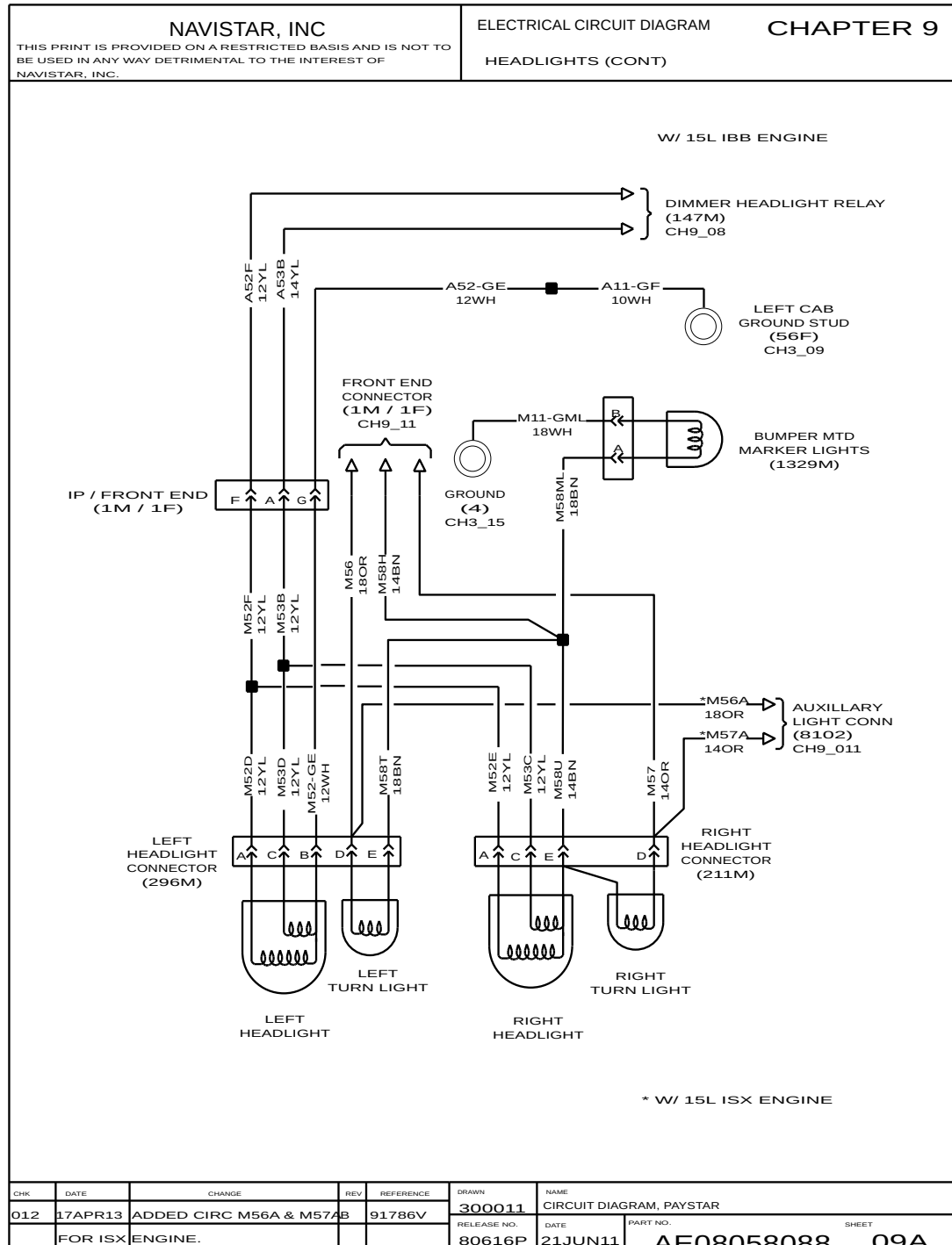


Figure 129 Headlights (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

9.11. PANEL LIGHTS, P. 10

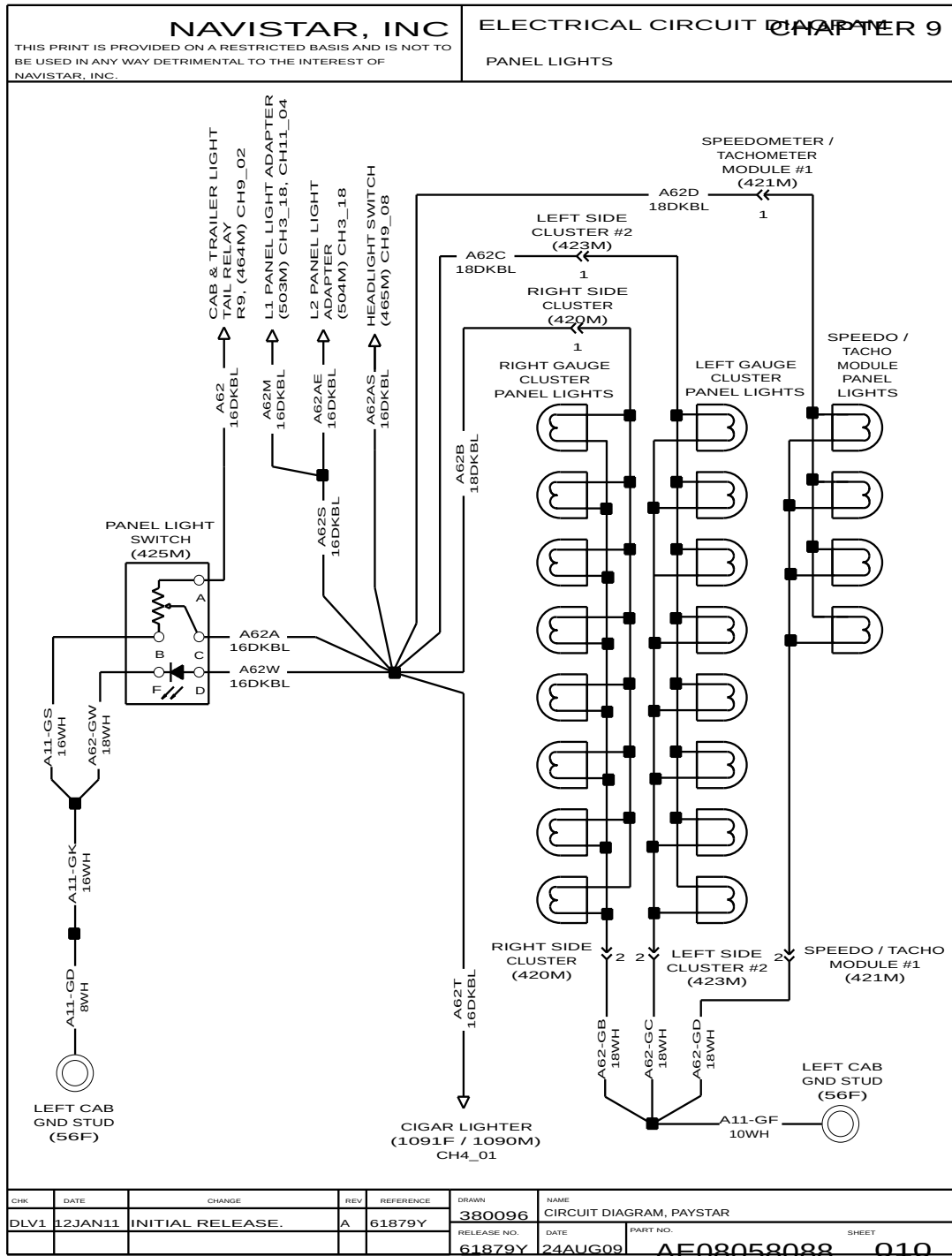


Figure 130 Panel Lights

[illegible]

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ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

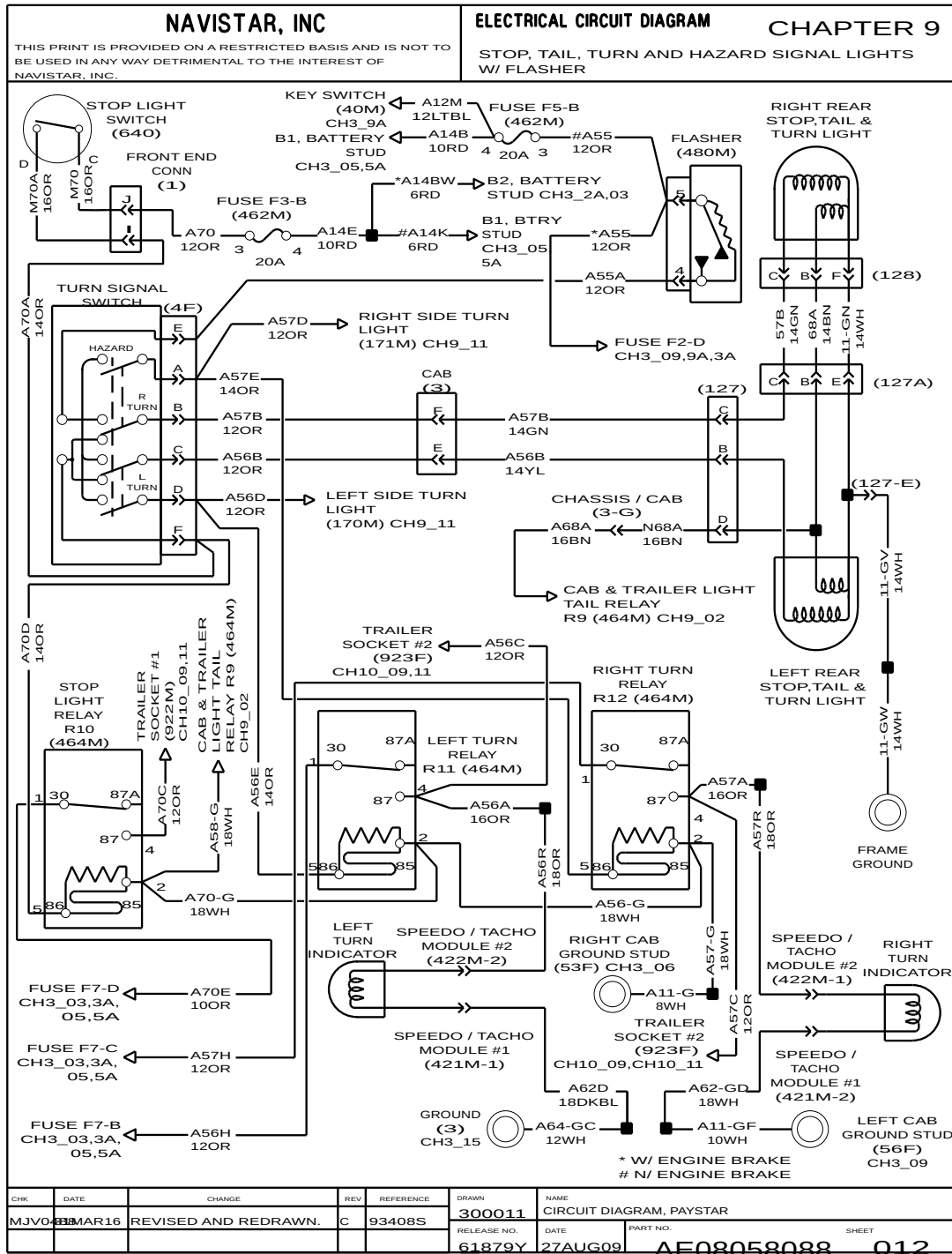


Figure 132 Stop, Tail, Turn and Hazard Signal Lights with Flasher

9.14. BEACON LIGHT, P. 13

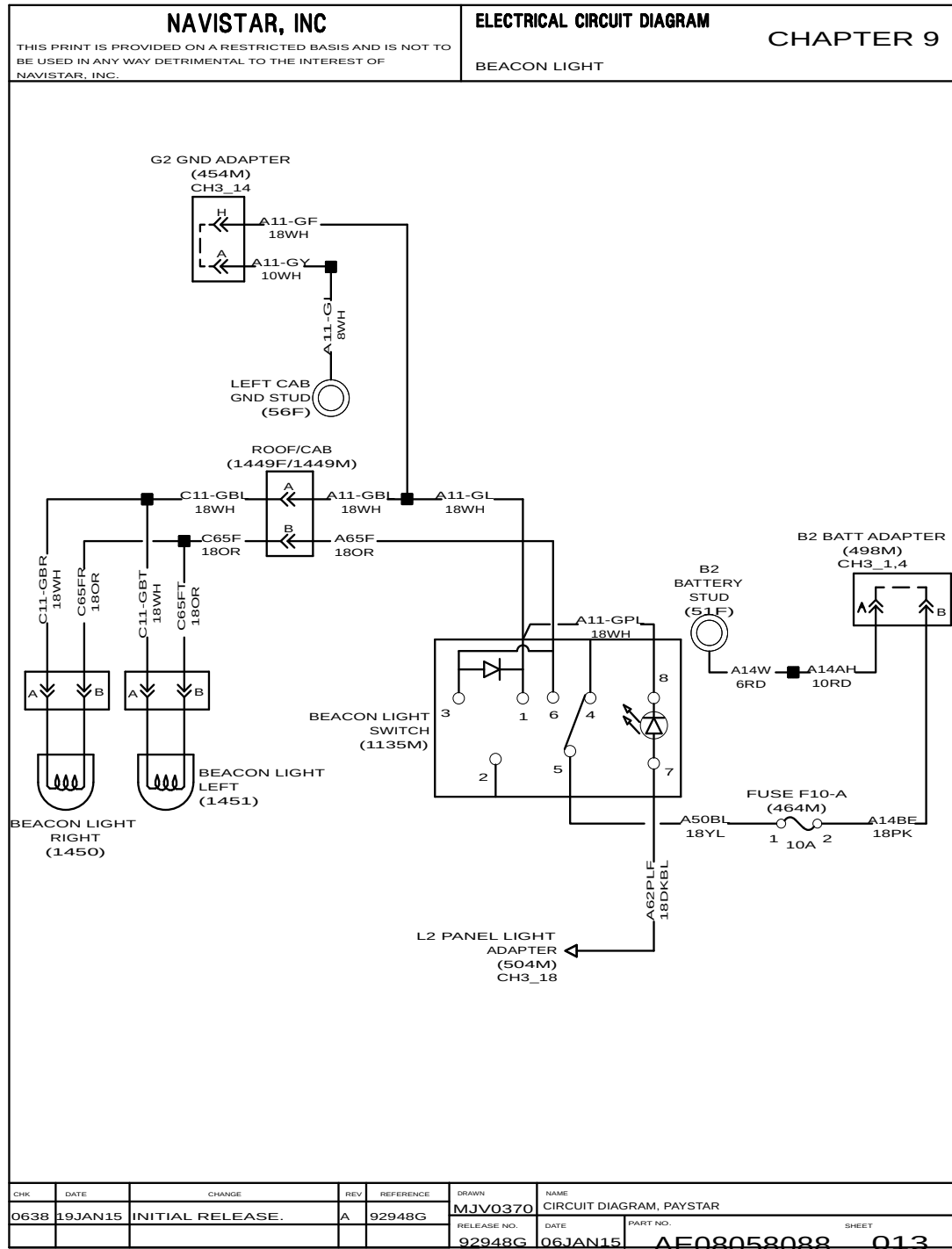


Figure 133 Beacon Light

ELECTRICAL CIRCUIT DIAGRAM MANUAL

CHASSIS ACCESSORIES (CHAPTER 10)

10.1. AIR DRYER, P. 1

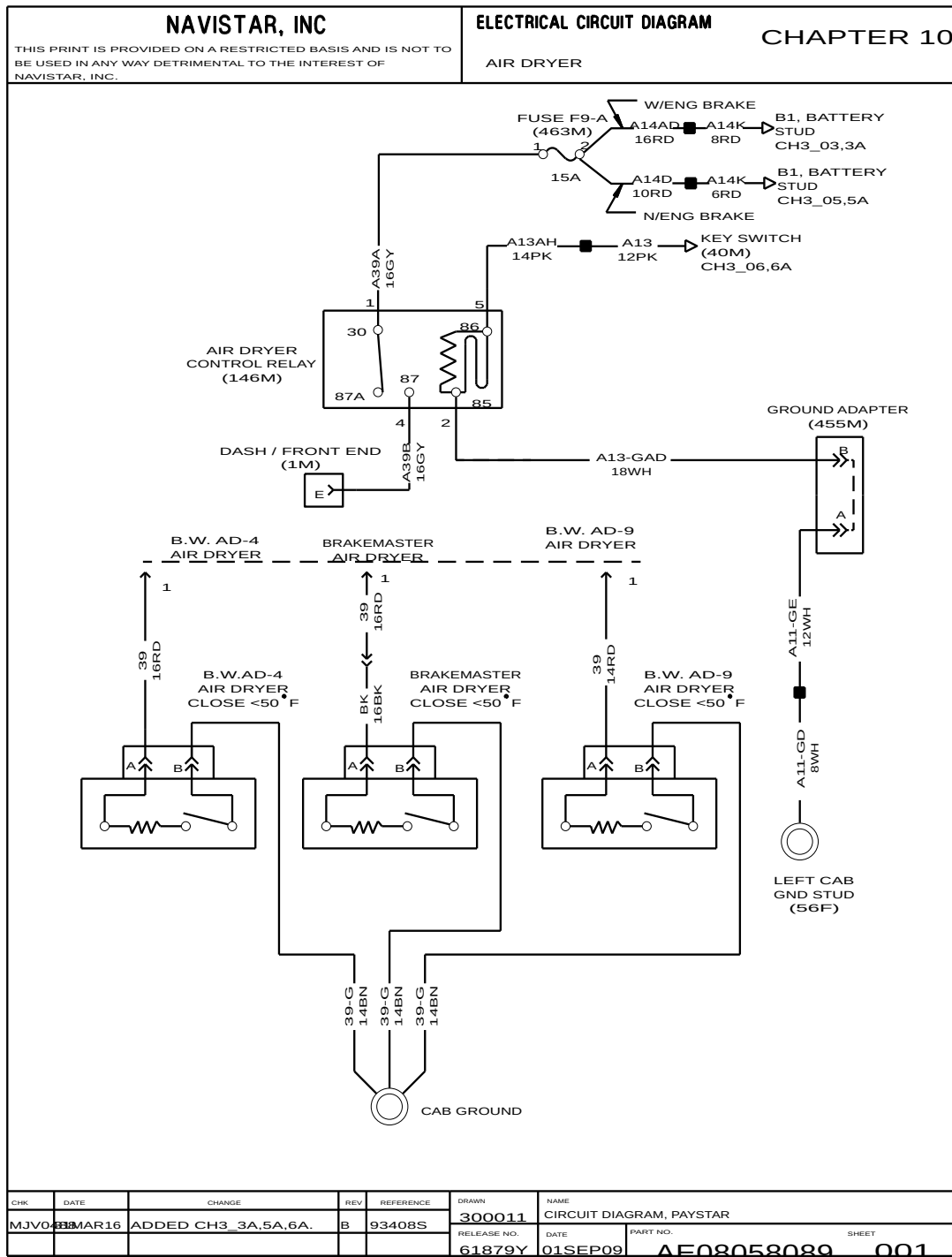


Figure 134 Air Dryer

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

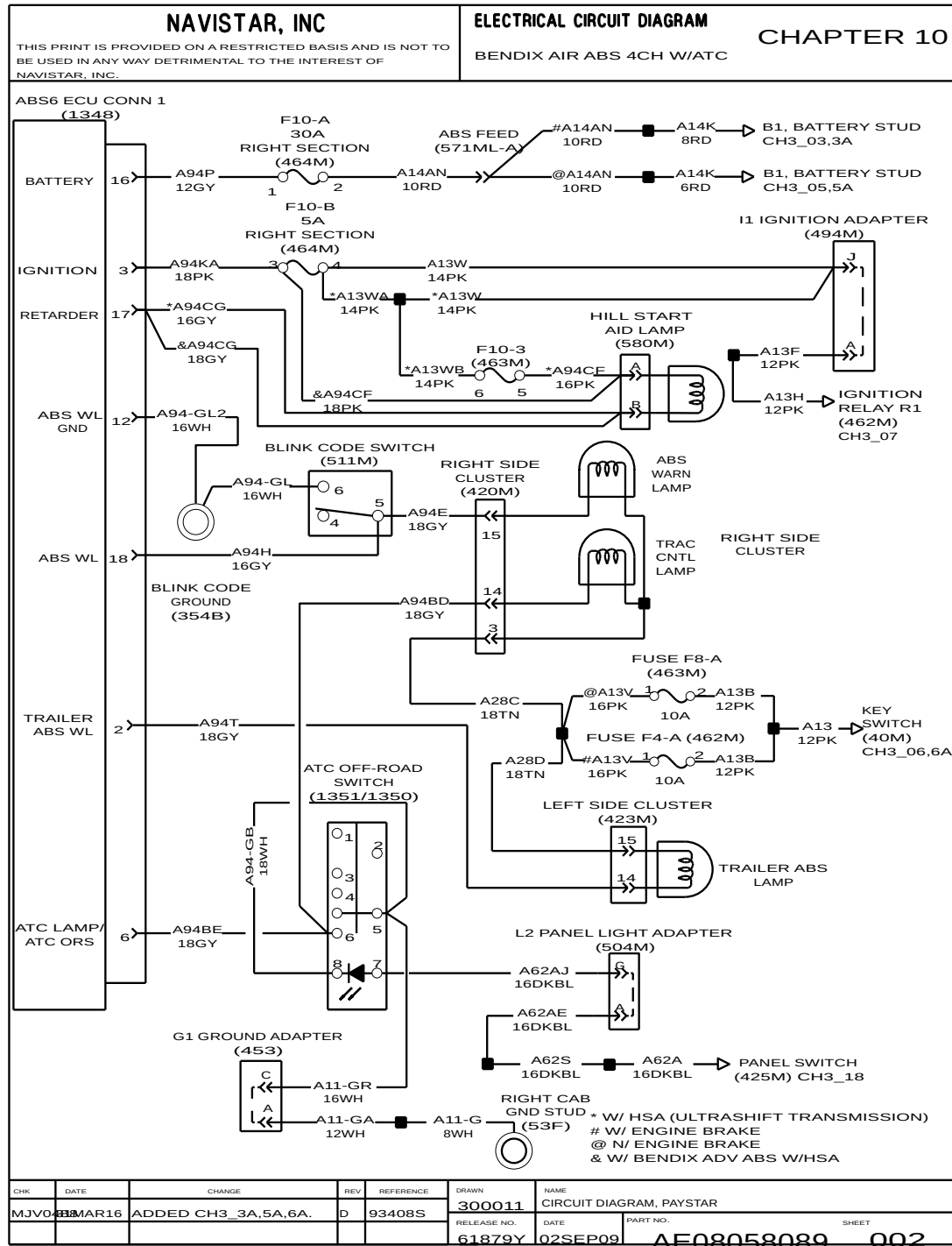


Figure 135 Bendix Air ABS 4CH with ATC

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

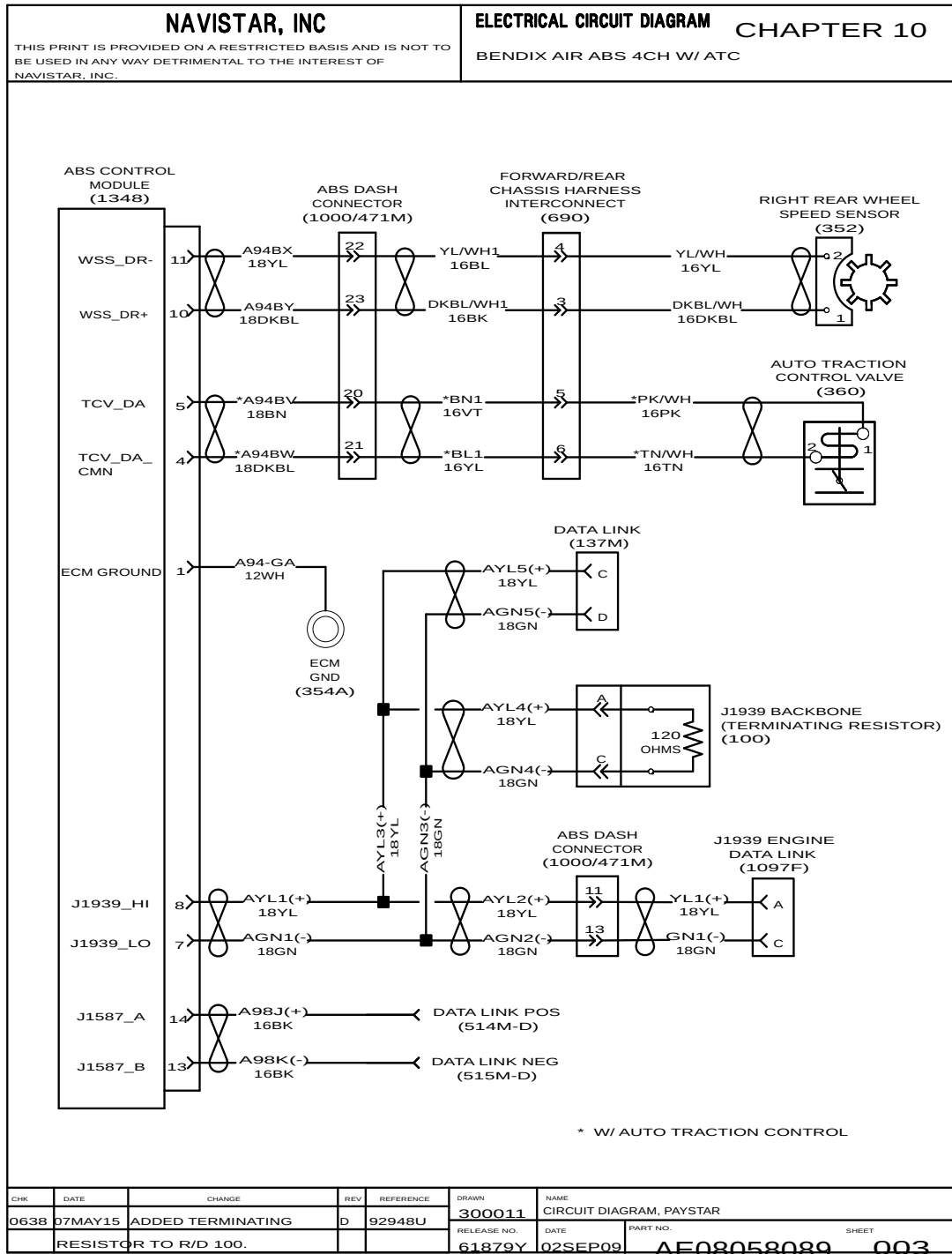


Figure 136 Bendix Air ABS 4CH with ATC

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

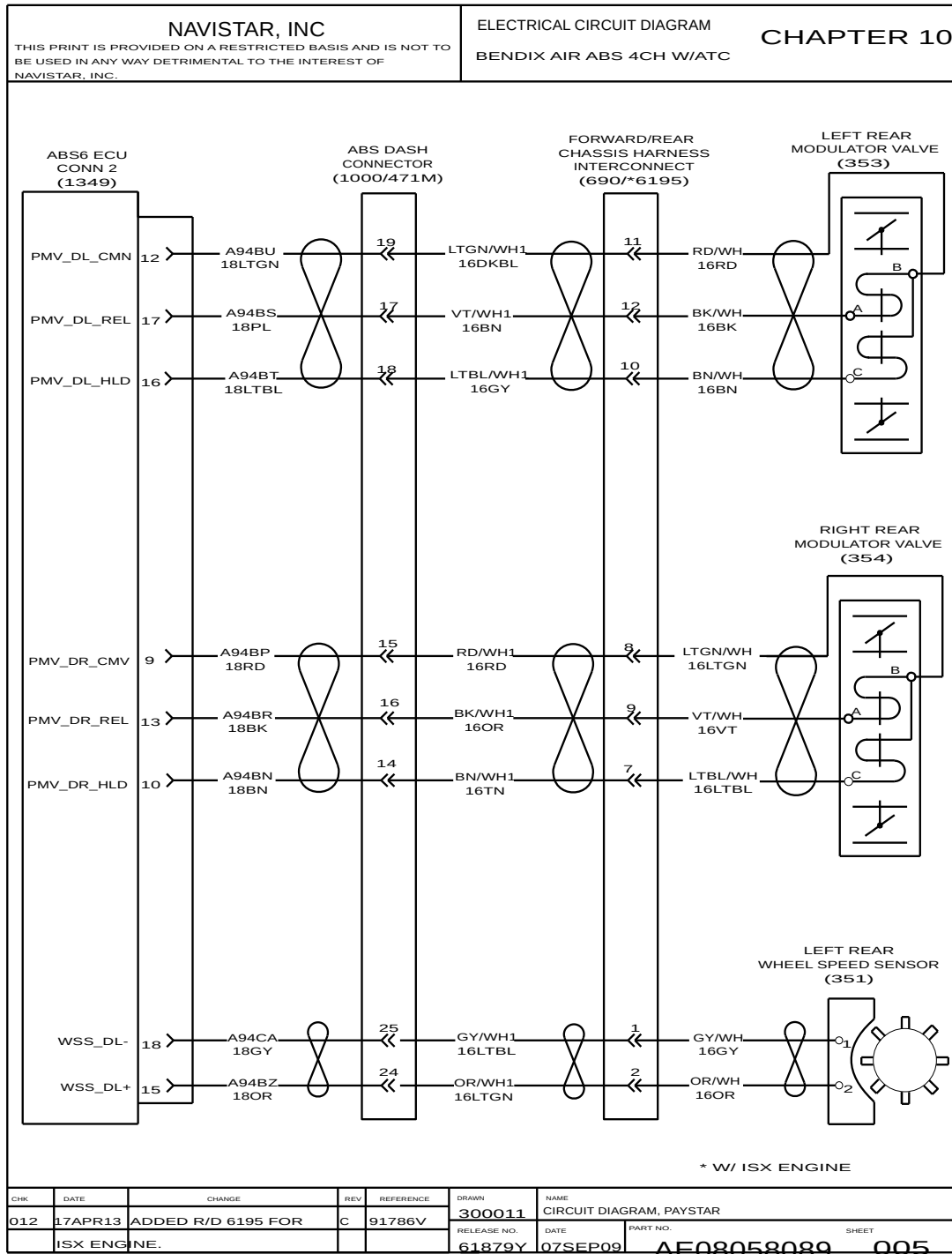


Figure 138 Bendix Air ABS 4CH with ATC

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

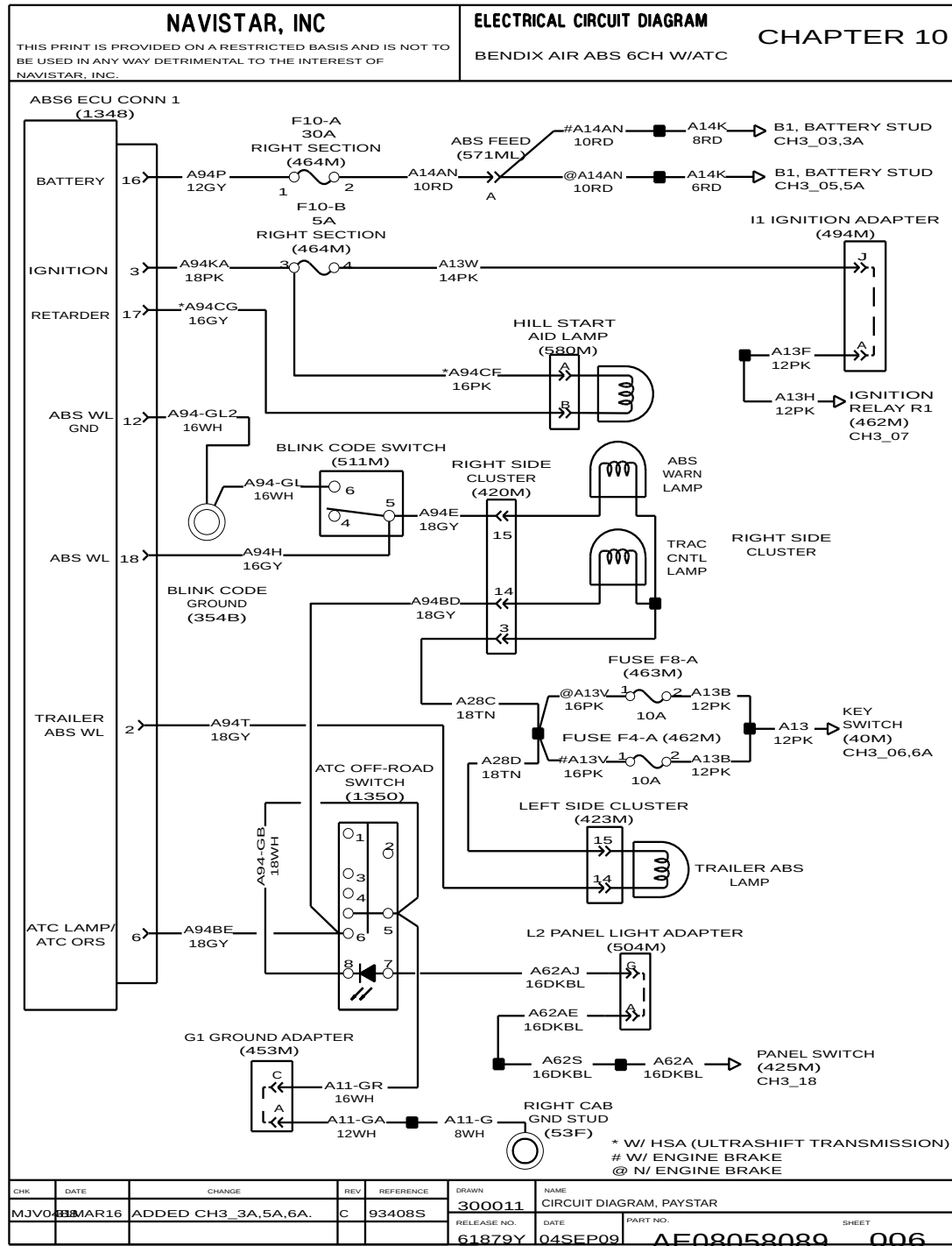


Figure 139 Bendix Air ABS 6CH with ATC

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

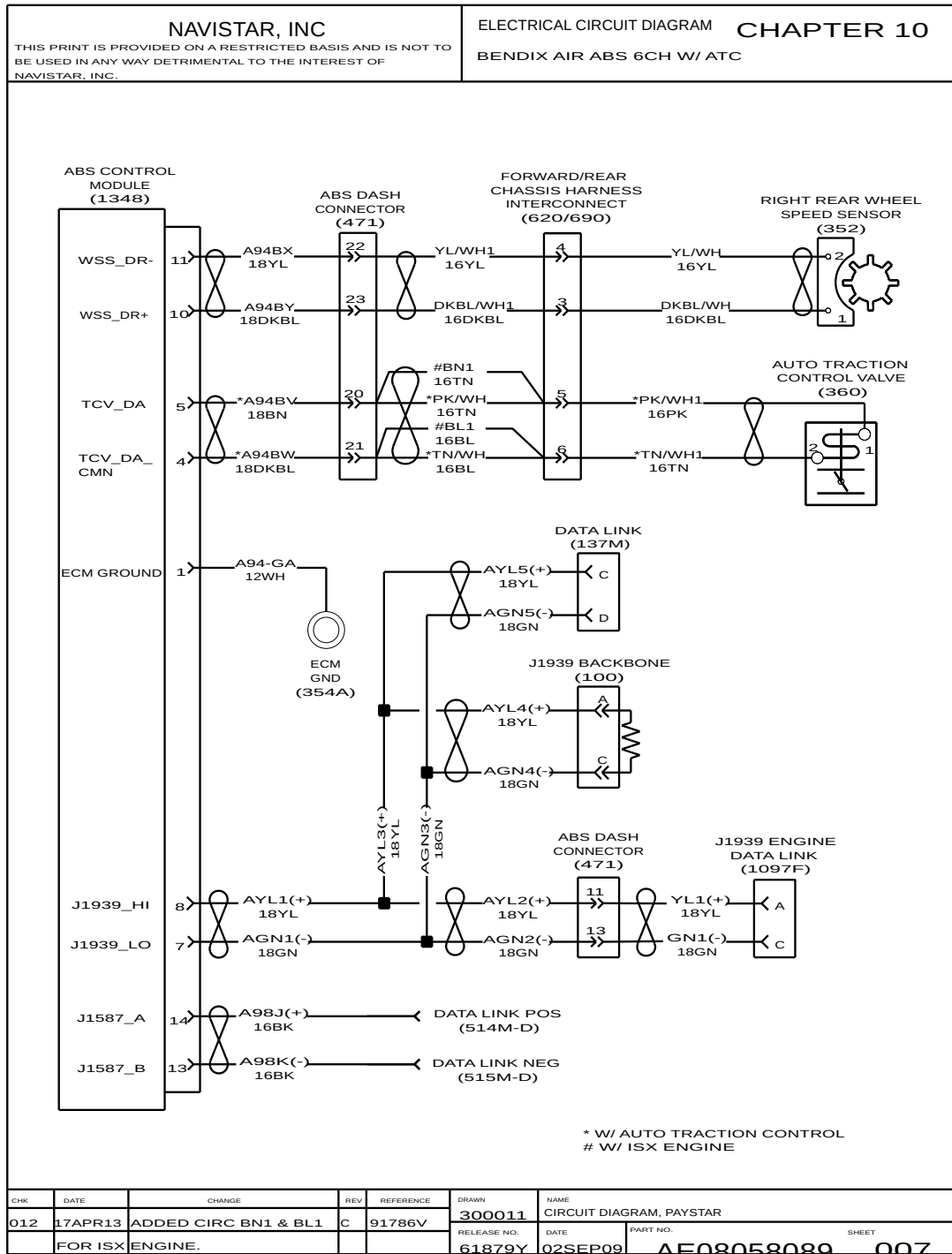


Figure 140 Bendix Air ABS 6CH with ATC

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

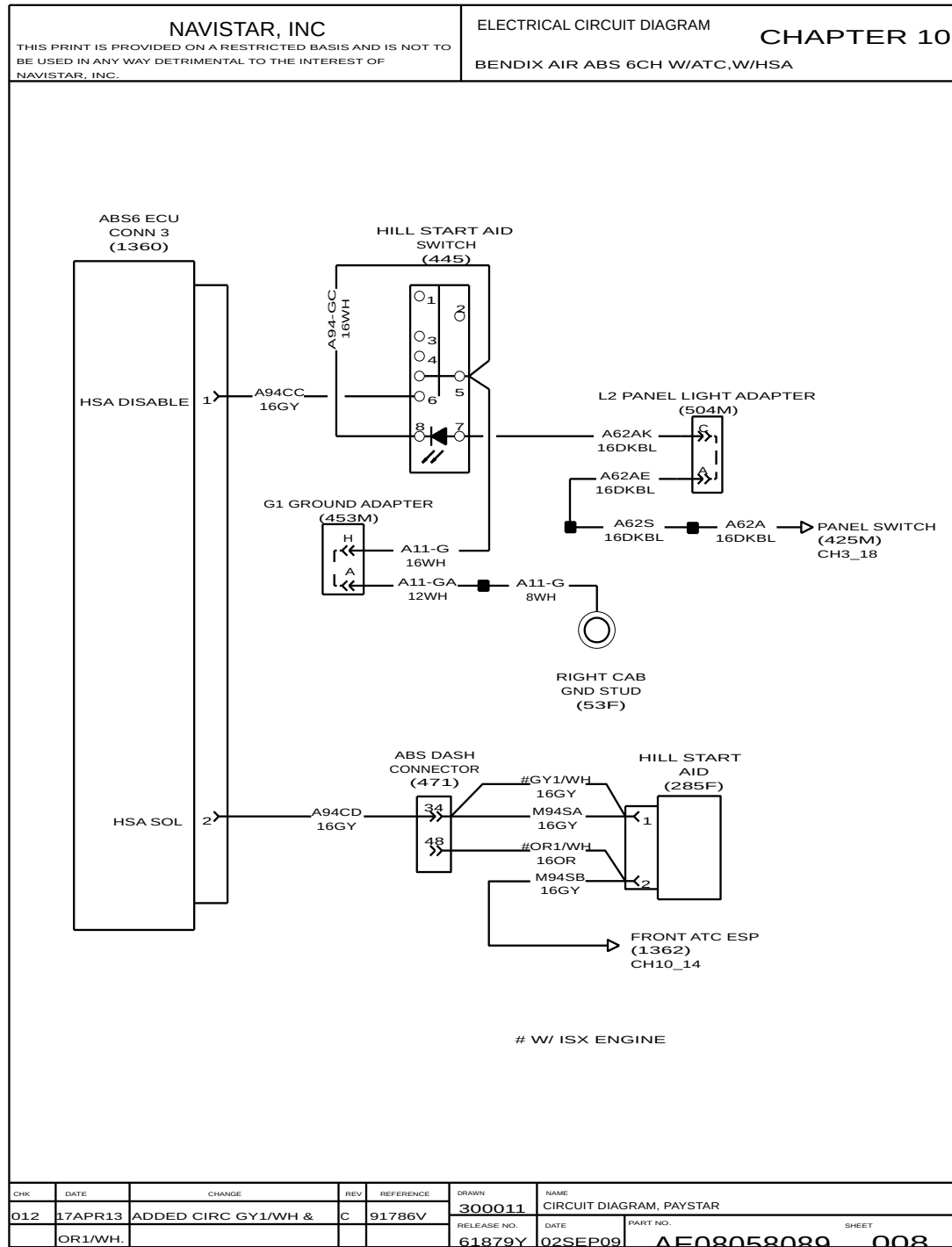


Figure 141 Bendix Air ABS 6CH with ATC with HSA

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

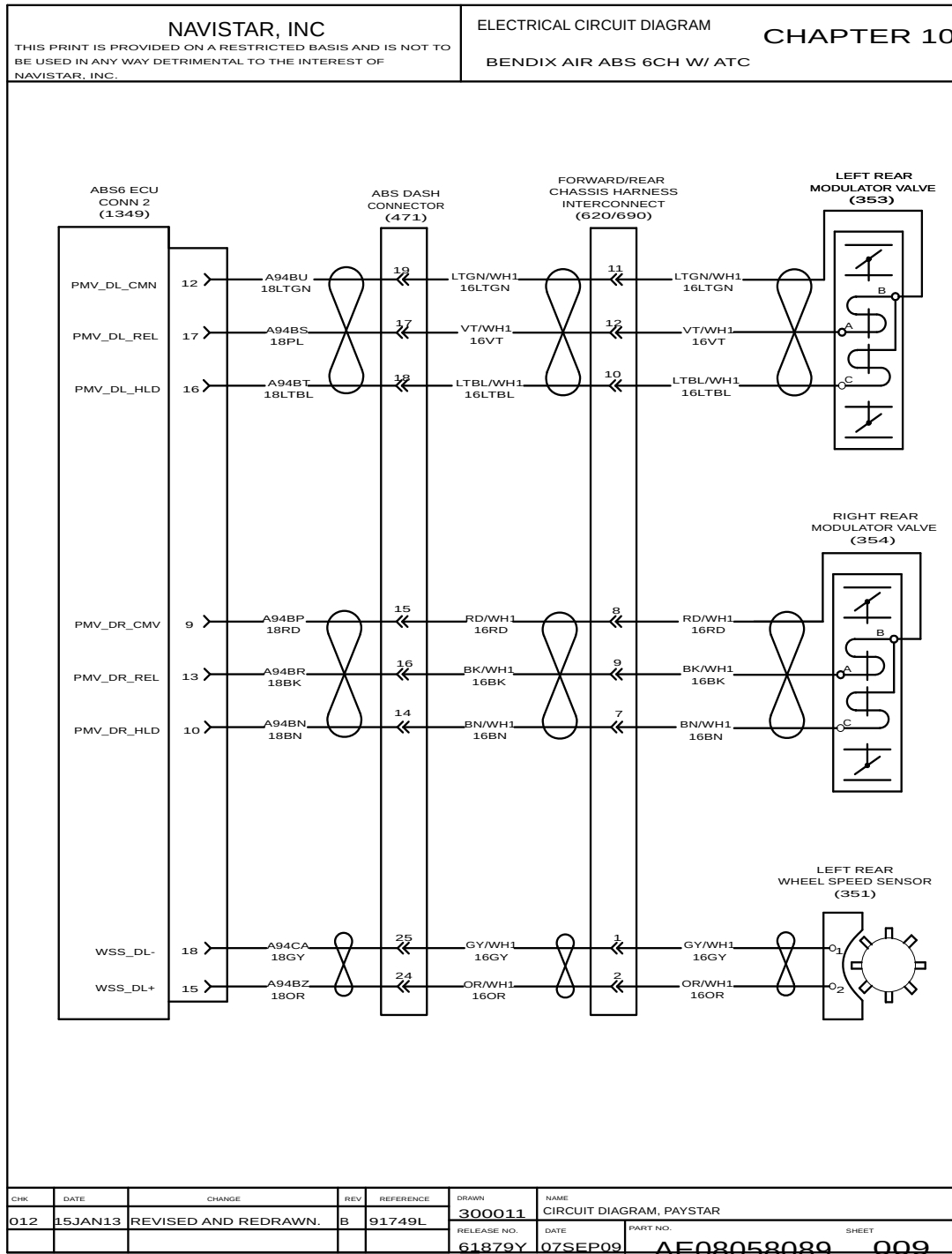


Figure 142 Bendix Air ABS 6CH with ATC

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

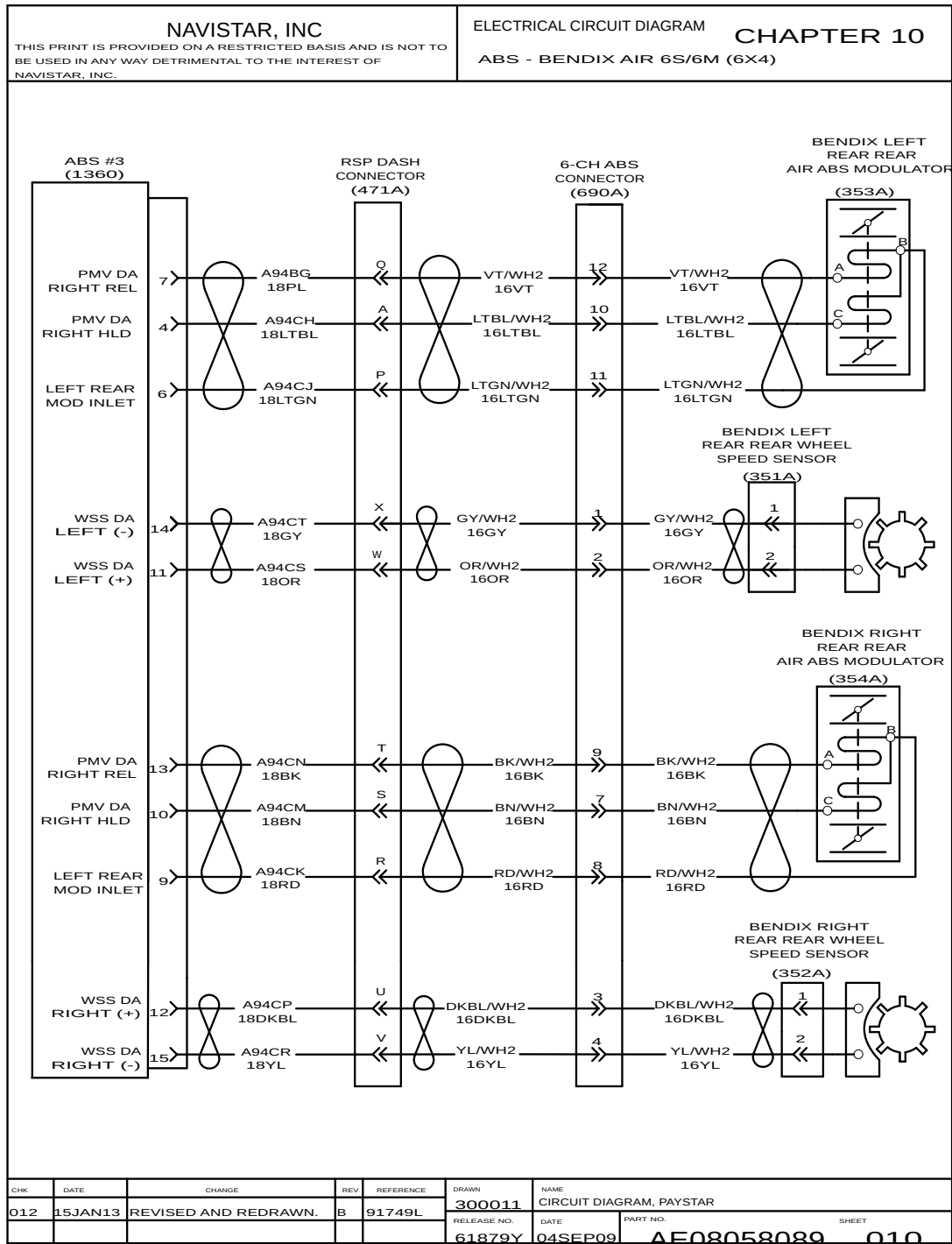


Figure 143 ABS Bendix Air 6S / 6M (6X4)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.11. BENDIX AIR ABS WITH ATC, P. 11

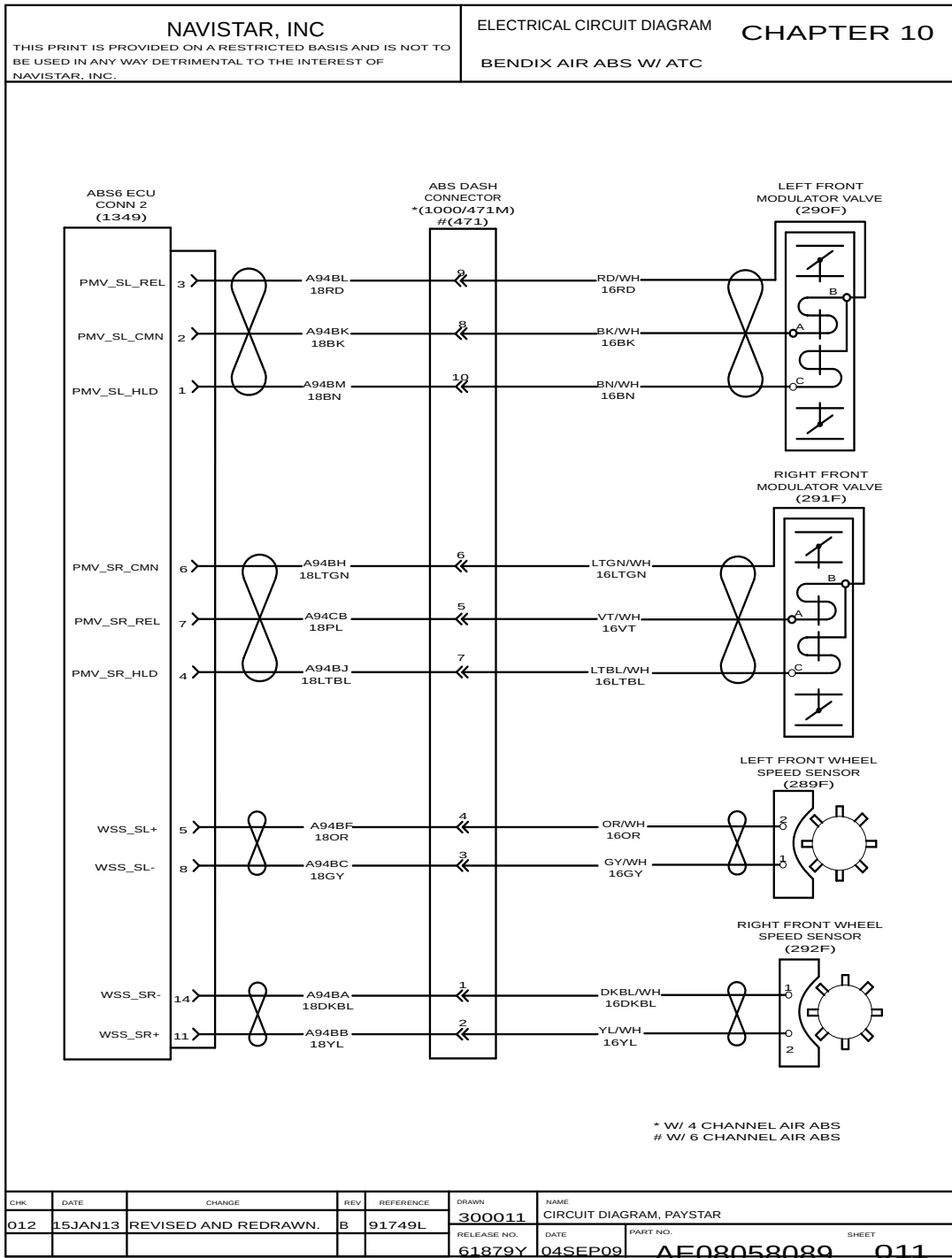


Figure 144 Bendix Air ABS with ATC

10.12. BENDIX ADVANCE AIR ABS, P. 12

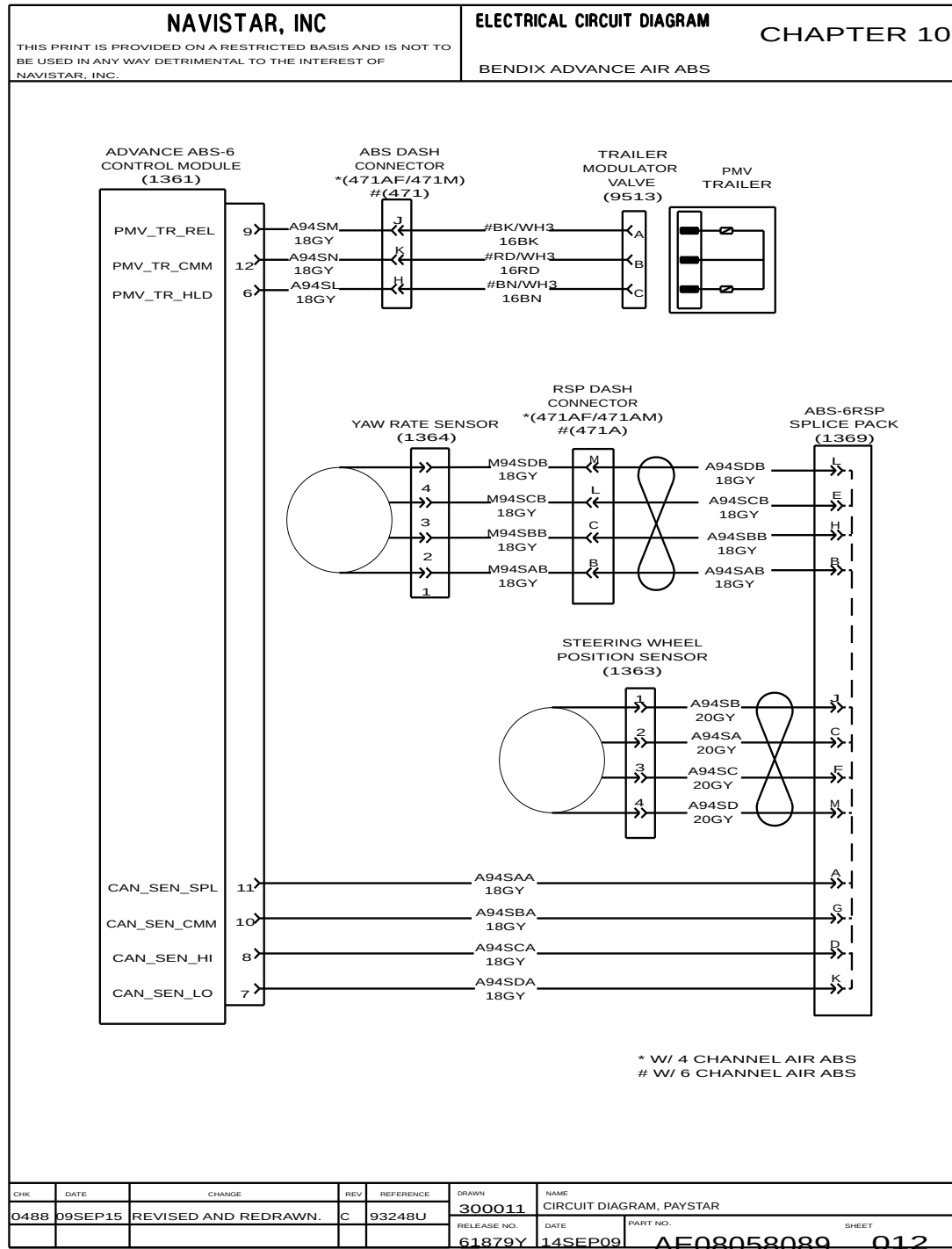


Figure 145 Bendix Advance Air ABS

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

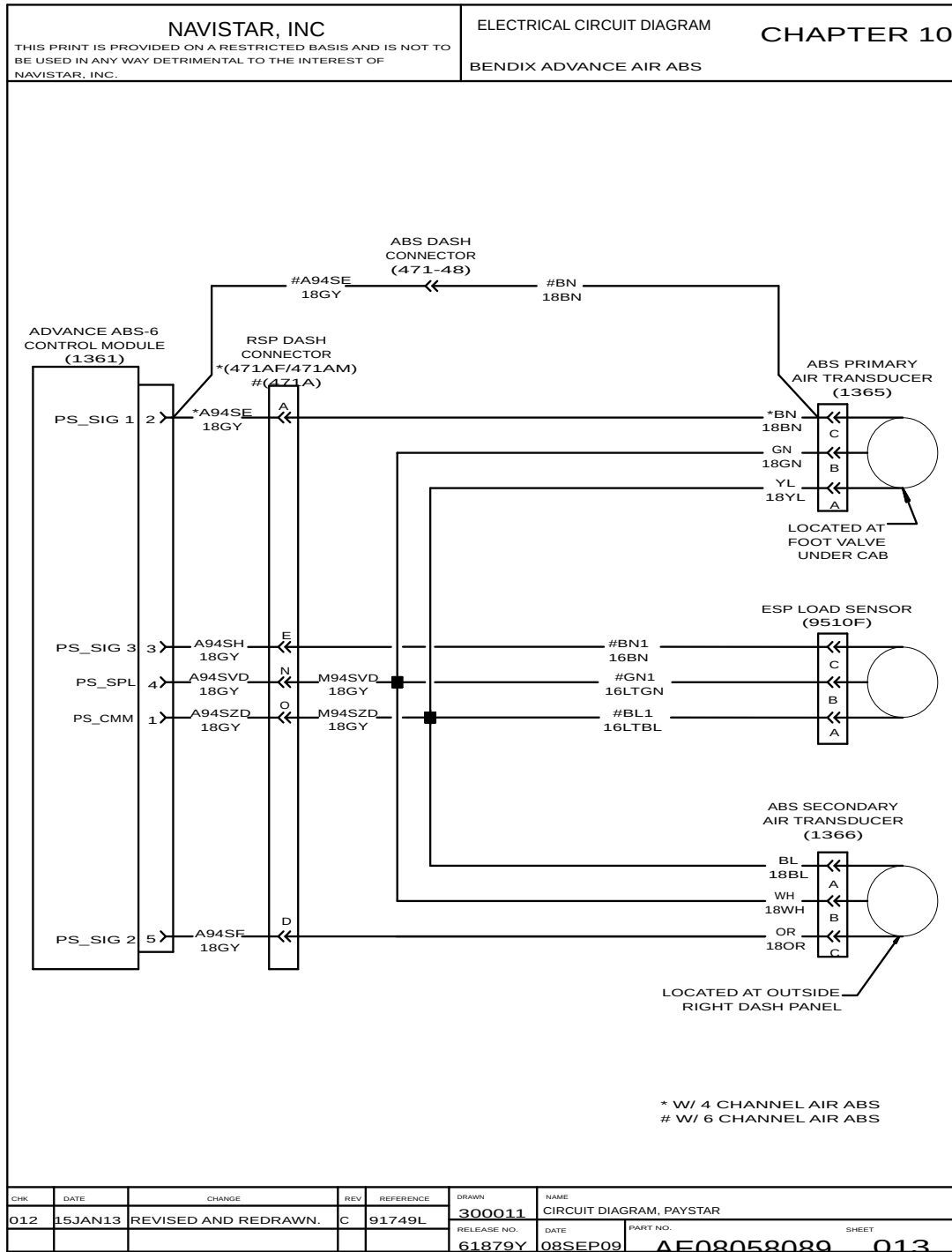


Figure 146 Bendix Advance Air ABS (Cont.)

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

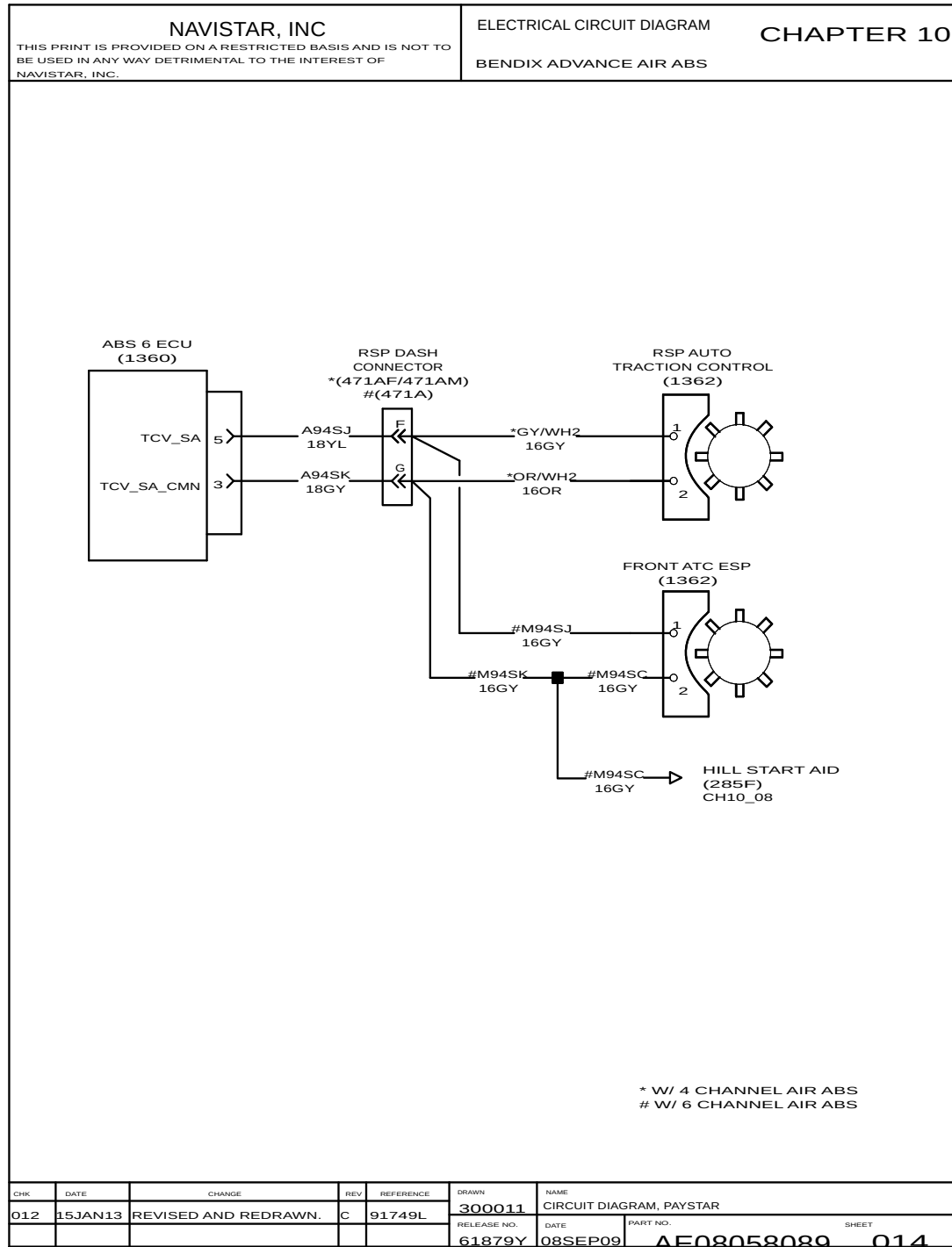


Figure 147 Bendix Advance Air ABS (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

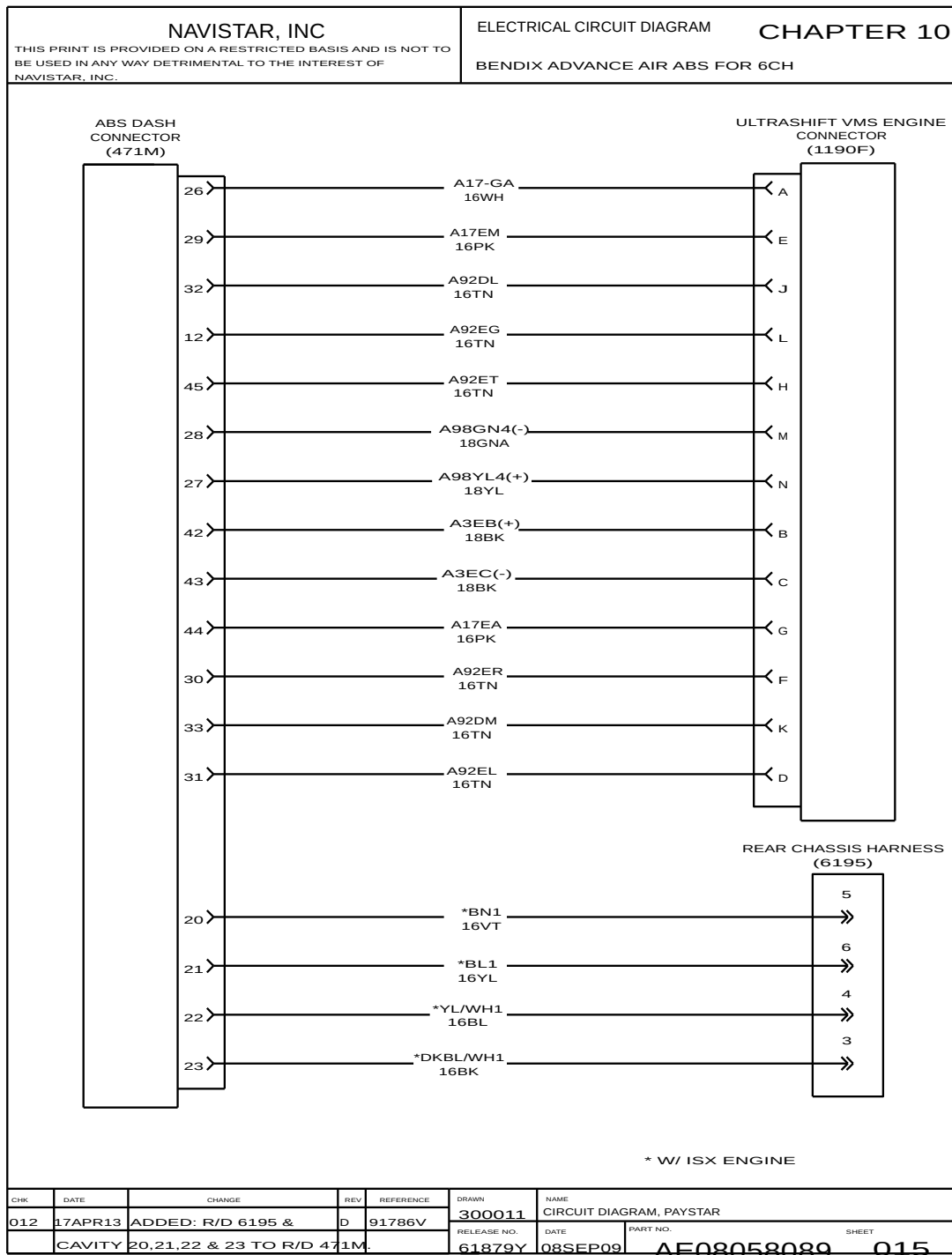


Figure 148 Bendix Advance Air ABS for 6CH

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

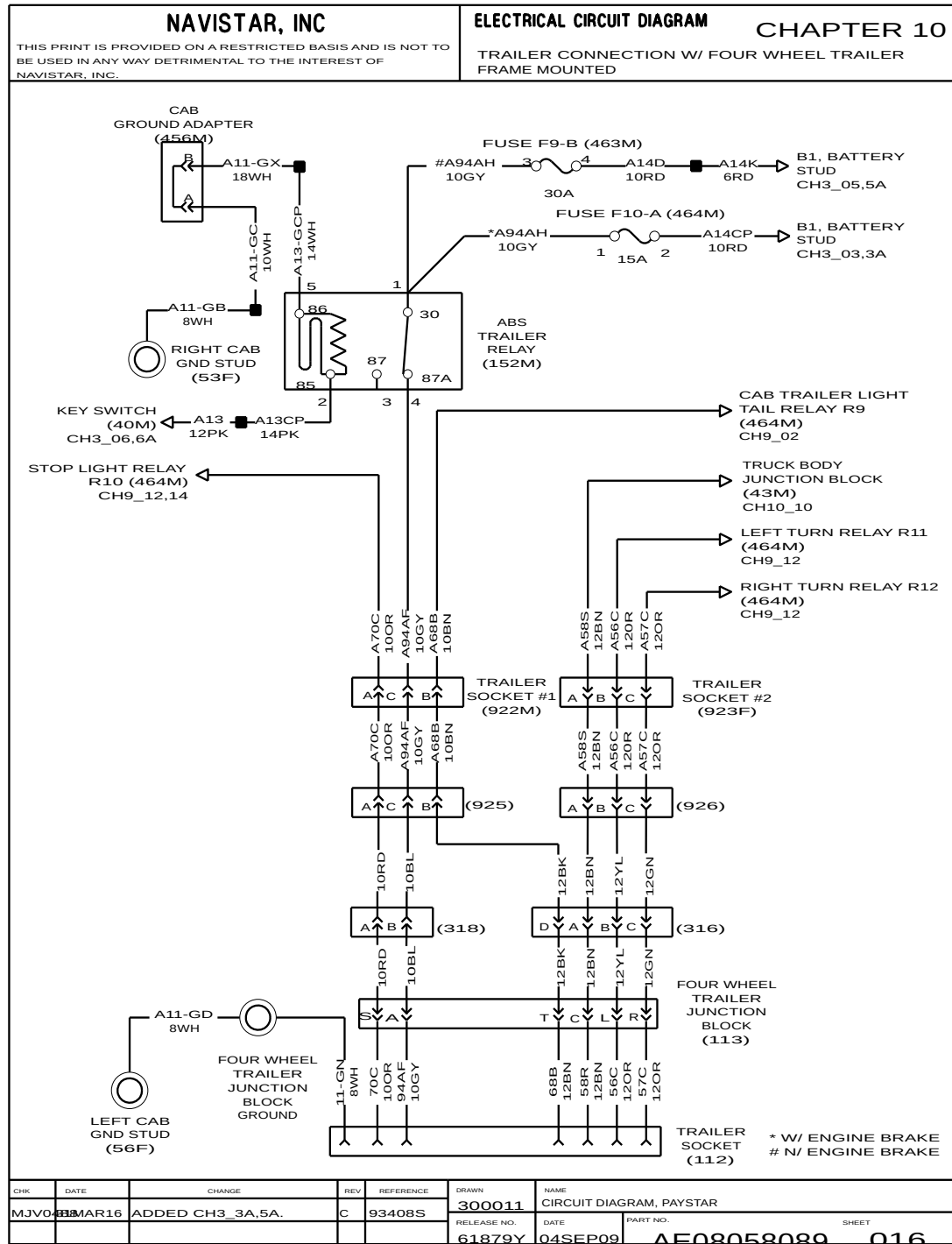


Figure 149 Trailer Connection with Four Wheel Trailer Frame Mounted

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.17. TRUCK BODY CONNECTION, P. 17

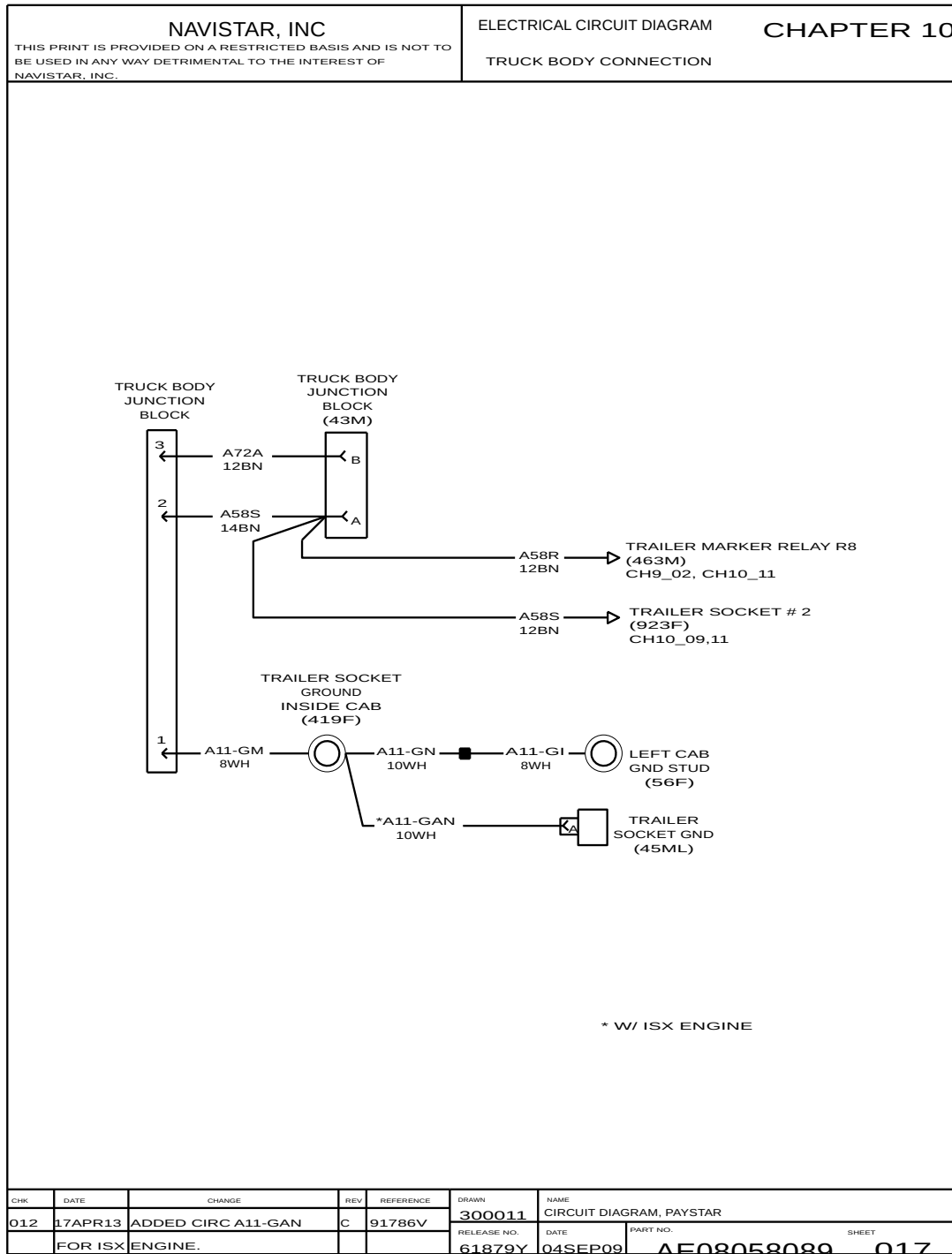


Figure 150 Truck Body Connection

NAVISTAR, INC

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 10

TRAILER CONNECTION N/ SLEEPER BACK OF CAB MOUNTED WITH TRACTOR ABS

CAB GROUND ADAPTER (456)
 A11-GX 18WH
 A11-GC 10WH
 A11-GB 8WH
 RIGHT CAB GND STUD (53F)
 KEY SWITCH (40M) CH3_06
 RIGHT TURN RELAY R12 (464M) CH9_12
 LEFT TURN RELAY R11 (464M) CH9_12
 TRUCK BODY JUNCTION BLOCK (43M) CH10_10
 TRAILER SOCKET #2 (923F)
 TRAILER SOCKET GROUND (419F) (INSIDE CAB)
 LEFT CAB GND STUD (56F)

ABS TRAILER RELAY (152M)
 86, 85, 87, 30, 87A, 2, 3

FUSE F9-B (463M)
 A94AH 10GY 30A
 A14D 10RD
 A14K 6RD
 B1, BATTERY STUD CH3_05

FUSE F10-A (464M)
 A94AH 10GY 30A
 A14CP 10RD
 B1, BATTERY STUD CH3_03

W/ENG BRAKE
N/ENG BRAKE

CAB & TRAILER LIGHT TAIL RELAY R9 (464M) CH9_02
STOP LIGHT RELAY R10 (464M) CH9_12

TRAILER SOCKET #1 (922M)
 A58S 12BN
 A56C 12OR
 A57C 12OR
 A94AF 10GY
 A68B 10BN
 A70C 10OR

TRAILER SOCKET #2 (923F)
 A58A 12BN
 A56D 12OR
 A57D 12OR
 A94AF 10GY
 A68A 10BN
 A70C 10OR

TRAILER SOCKET (112)

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CIRCUIT DIAGRAM, PAYSTAR	RELEASE NO.	DATE	PART NO.	SHEET
012	15JAN13	DATA MOVED FROM SH 11.	B	91749L	U00LXD2			770961J	02.11.11	A508058080	018

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ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.19. INTENTIONALLY LEFT BLANK, P. 19

NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 10				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.														
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

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 10				
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

NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 10	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.											
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

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 10			
GEOMETRY REMOVED											
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	DATE	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

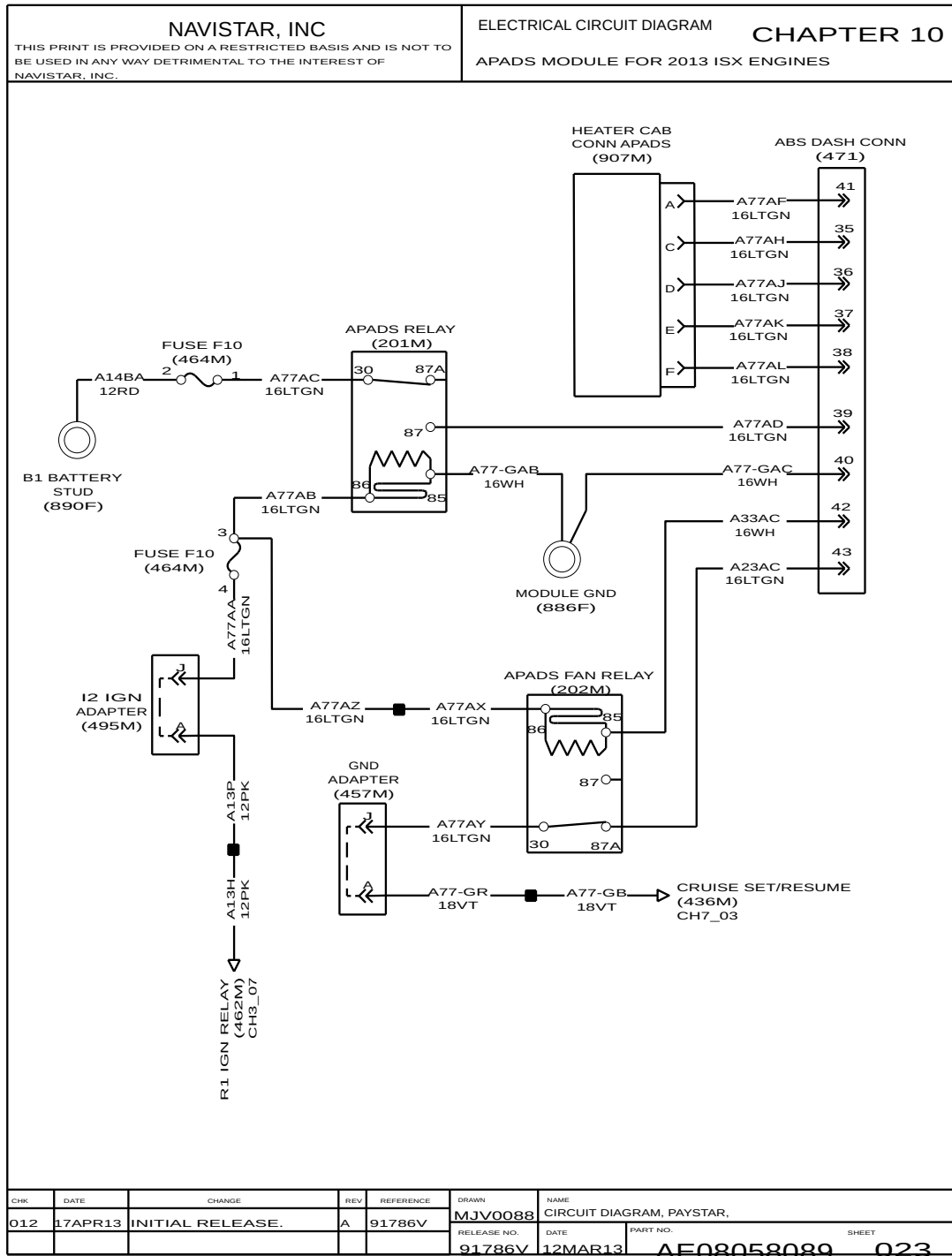


Figure 156 APADS Module for ISX 2013 Engines

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

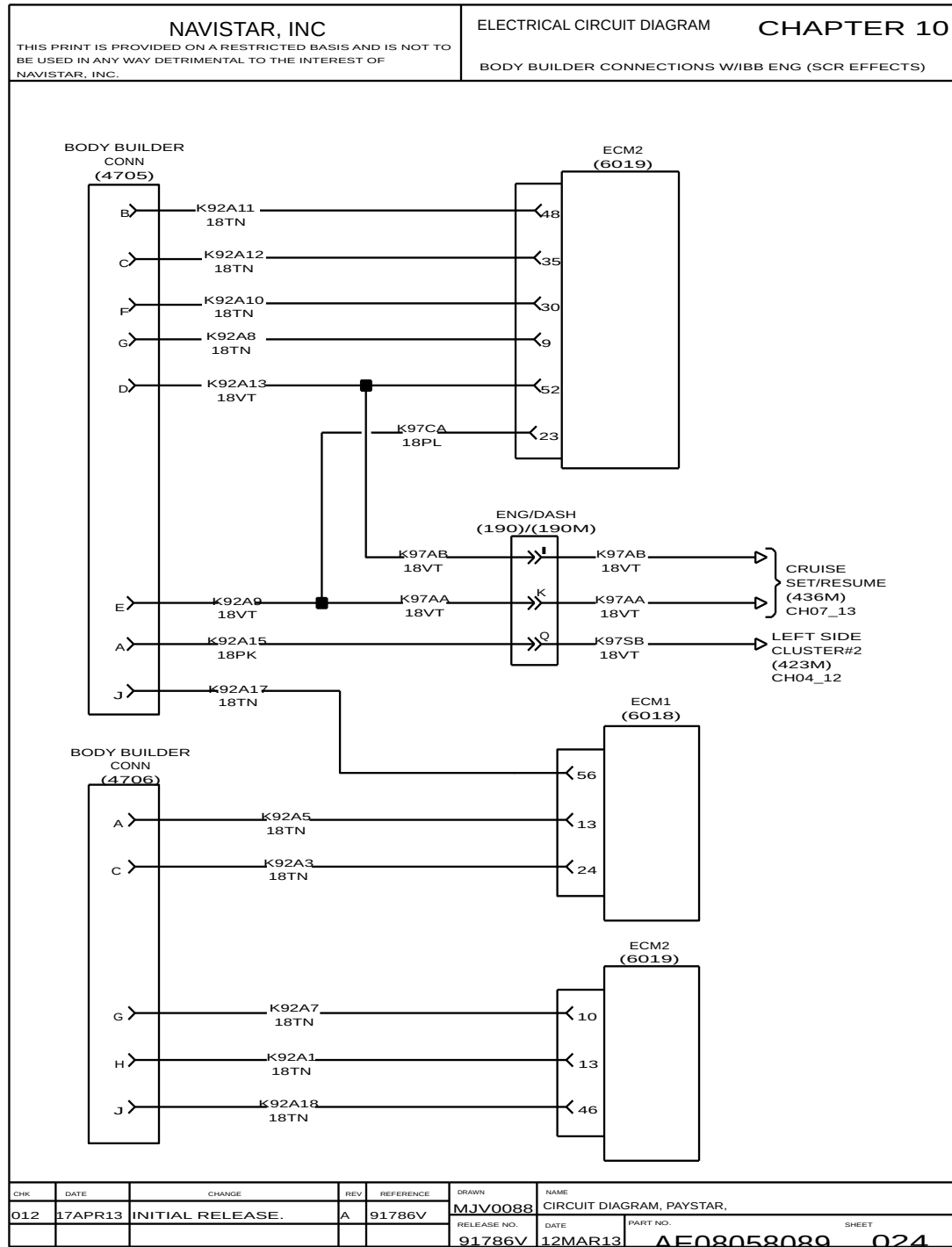


Figure 157 Body Builder Connections with IBB ENG (SCR Effects)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

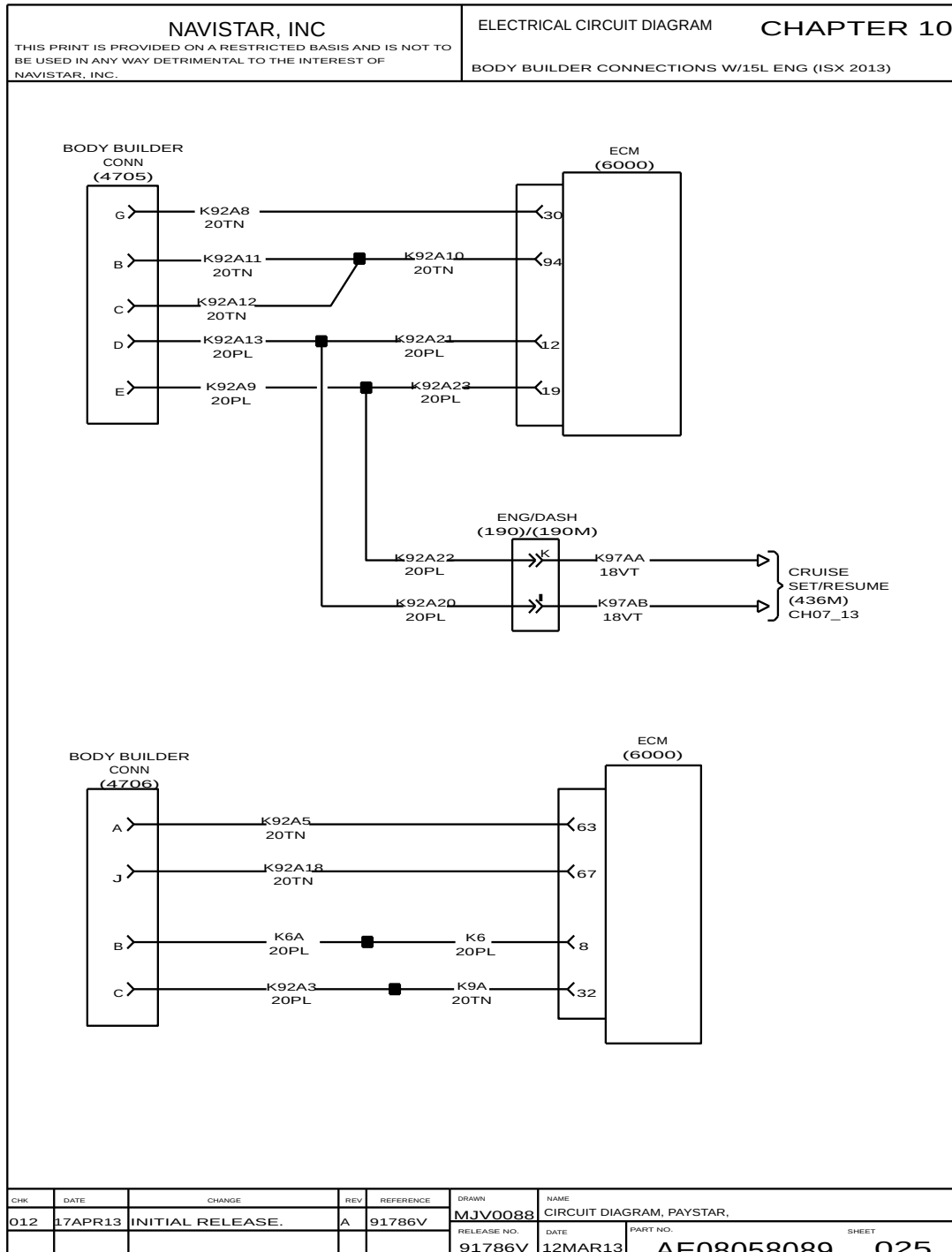


Figure 158 Body Builder Connections with 15L ENG (ISX 2013)

10.26. TRI AXLE DIFFERENTIAL LOCK, P. 26

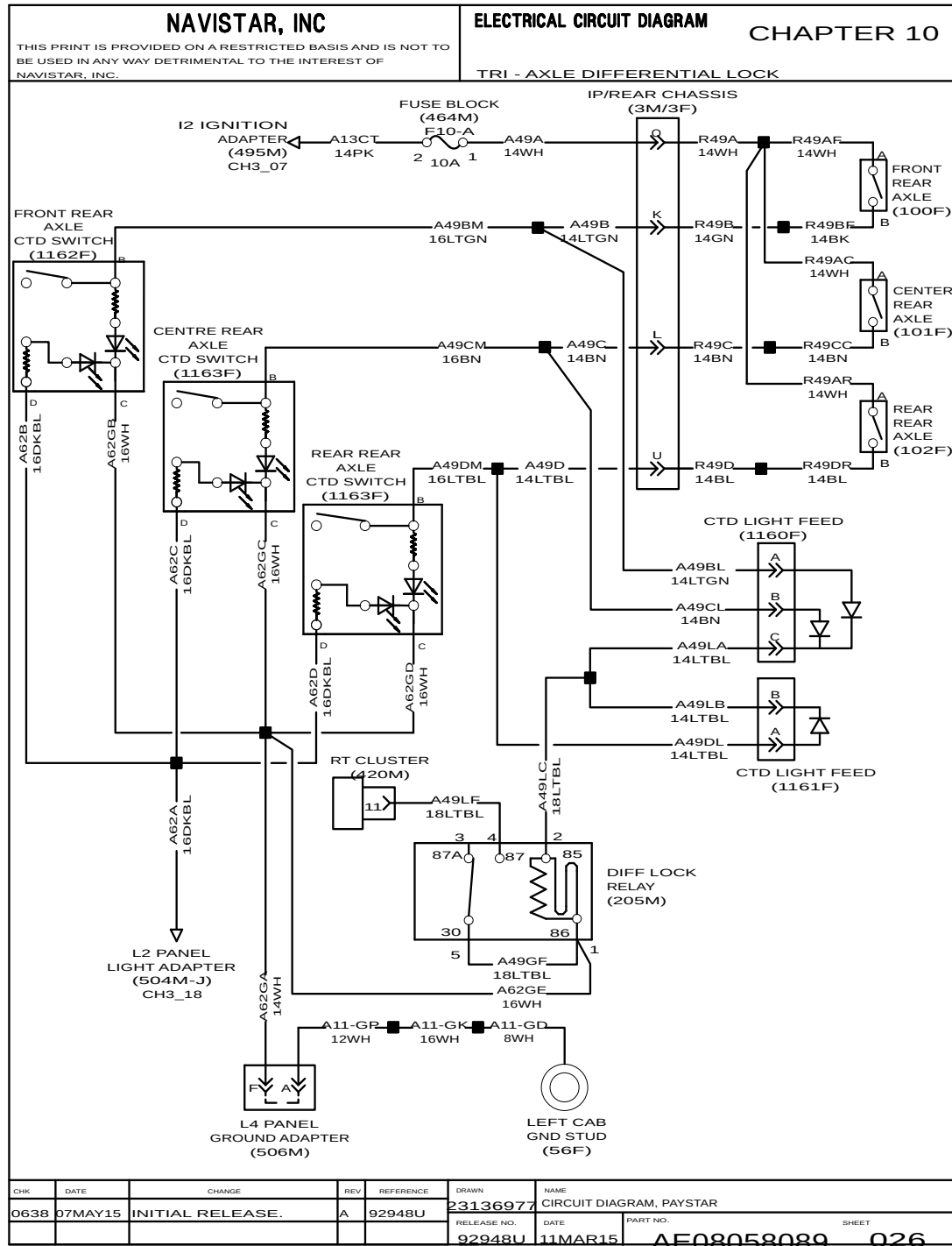


Figure 159 Tri Axle Differential Lock

ELECTRICAL CIRCUIT DIAGRAM MANUAL

TRANSMISSION CONTROL MODULE (CHAPTER 11)

11.1. ALLISON TRANSMISSION, P. 1

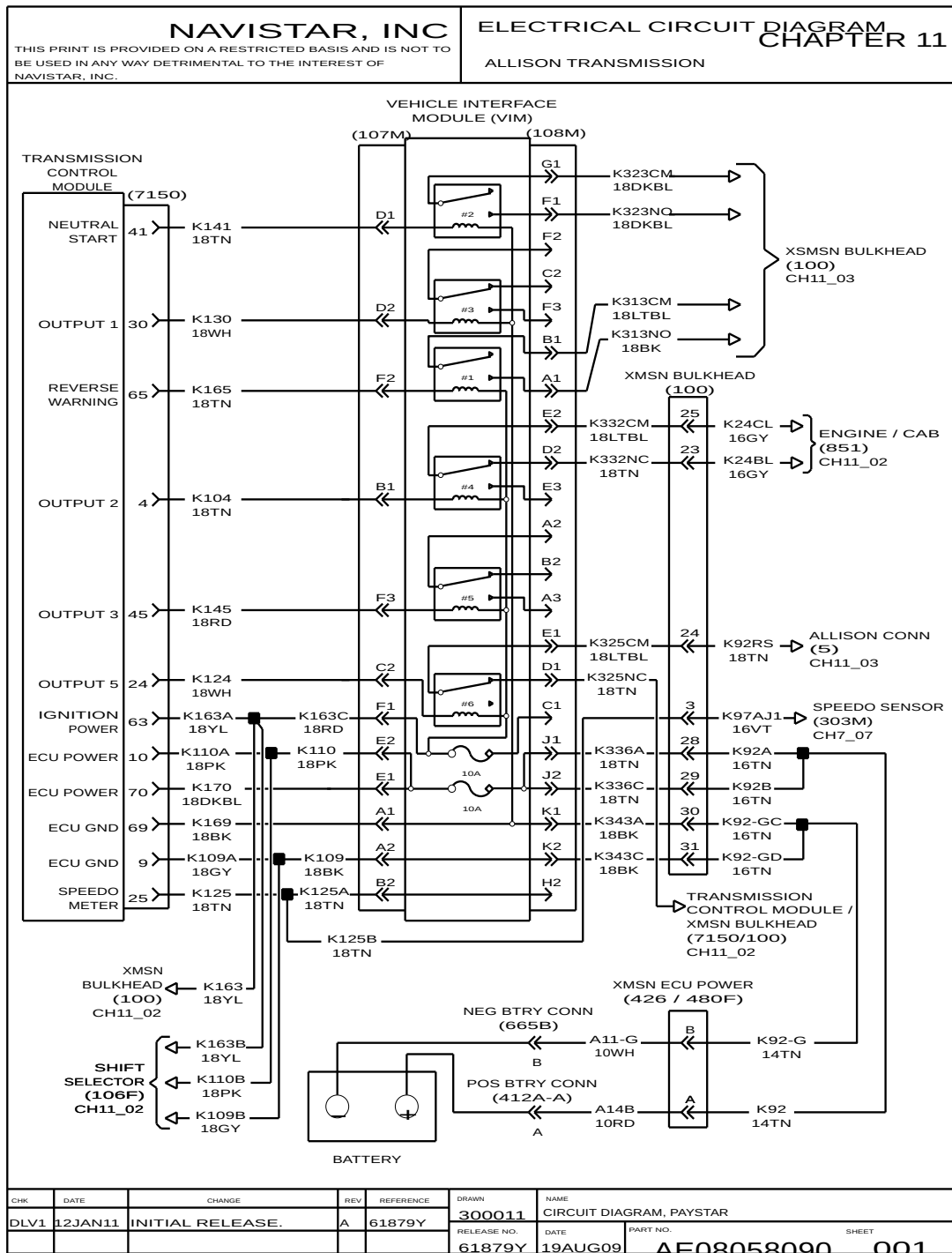


Figure 160 Allison Transmission

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

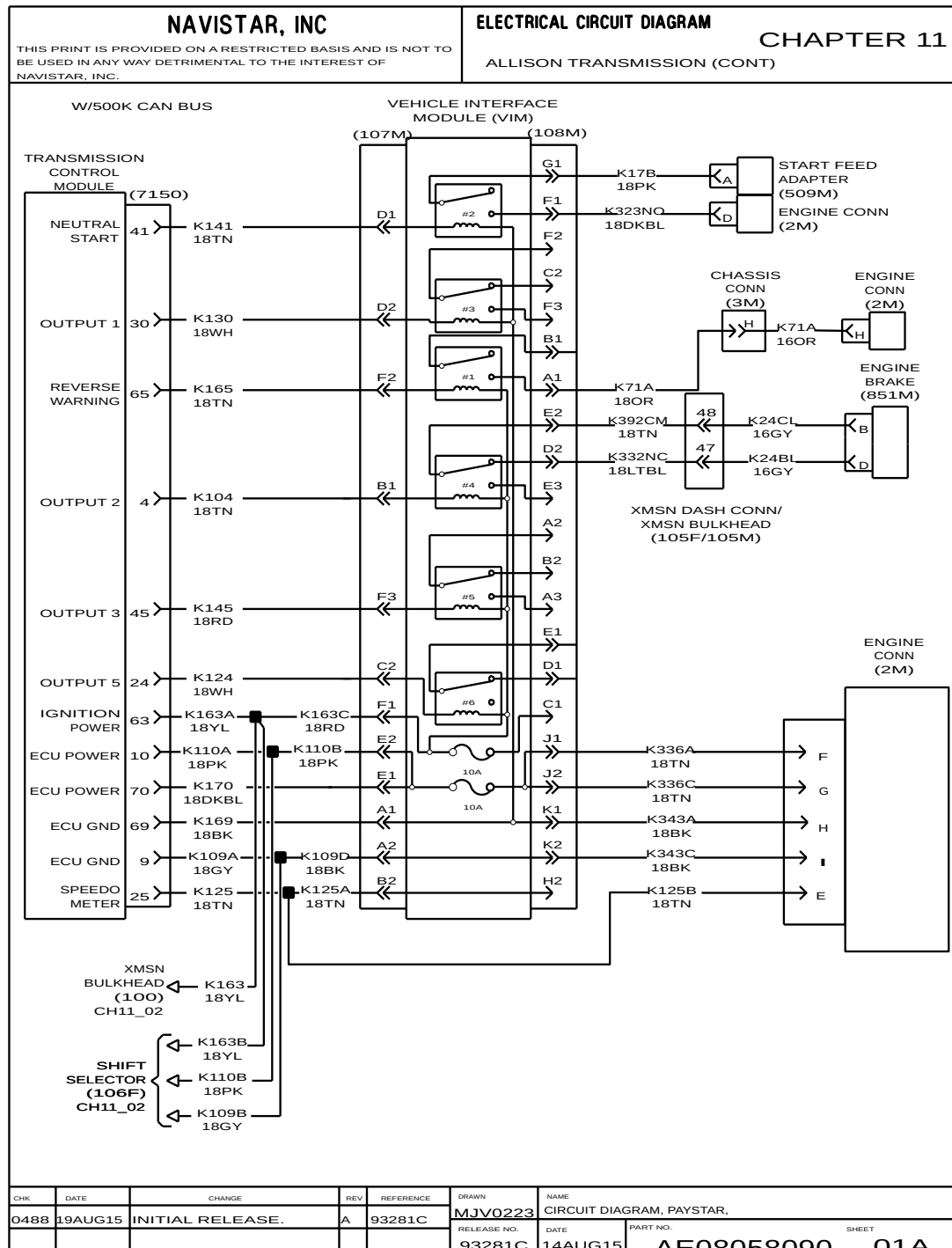


Figure 161 Allison Transmission (Cont.)

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 11

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ALLISON TRANSMISSION (CONT)

Wiring Details:

- Starter Terminal (6306 / 6307) CH5_02:** K17E 16PK, K17C 16PK.
- Reverse Light (7500W):** K71A 16OR, K71 16OR.
- XMSN Service Light (649M):** A13H 12PK, A13P 12PK, A13BA 14PK, A13BG 14PK.
- Ignition Relay R1 (462M) CH3_07:** A13P 12PK, A13BA 14PK, A13BG 14PK.
- XMSN Overheat Light (881F):** A92ML 18TN.
- Allison Connector (5):** D K92ML 18TN, B K92-GS 18TN, C K92RS 18TN, A K92TN 18TN.
- Transmission Control Module (7150) CH11_02:** K92TN 18TN, K92TN 18TN, K92TN 18TN.
- Vehicle Interface Module (108M) CH11_01:** K92TN 18TN, K92TN 18TN, K92TN 18TN.
- Transmission Control Module (7150) CH11_02:** K92TN 18TN, K92TN 18TN, K92TN 18TN.
- Auto Neutral Switch (958) CH11_04:** K92TN 18TN, K92TN 18TN, K92TN 18TN.
- XMSN Control Module (7150) CH11_12:** K92TN 18TN, K92TN 18TN, K92TN 18TN.
- Source Brake Switch (800F):** N92PS 18TN, N92PS 18TN.
- Other Components:** A99-G 18WH, A99-G 18WH, A49-G 18GY, A11-GY 10WH, A11-GI 8WH, GND ADAPTER (454M), LEFT CAB GND STUD (56F), RETARDER ON LIGHT (1087M), CTD RELAY (201M), CTD SOLENOID (723M), PARK BRAKE SWITCH (741F), TRANSMISSION CONTROL MODULE (7150) CH11_02, XMSN BULKHEAD (100), VIM (108M) CH11_01, TCM (7150) CH11_02, XMSN SERVICE LIGHT (649M), IGNITION RELAY R1 (462M) CH3_07, XMSN OVERHEAT LIGHT (881F), ALLISON CONNECTOR (5), TRANSMISSION CONTROL MODULE (7150) CH11_02, VEHICLE INTERFACE MODULE (108M) CH11_01, TRANSMISSION CONTROL MODULE (7150) CH11_02, AUTO NEUTRAL SWITCH (958) CH11_04, XMSN CONTROL MODULE (7150) CH11_12, SOURCE BRAKE SWITCH (800F).

* W/ RETARDER
 ** W/ AUTO NEUTRAL
 # N/ RETARDER

TRANSMISSION CONTROL MODULE (7150) CH11_02

(800F)

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	PART NO.	SHEET
0488	19AUG15	ADDED CIRCUIT K92TN	B	93281C	300011	CIRCUIT DIAGRAM, PAYSTAR		
		IN R/D 741F.			RELEASE NO.	DATE	PART NO.	
					61879Y	22AUG09	AE08058000	003

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ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

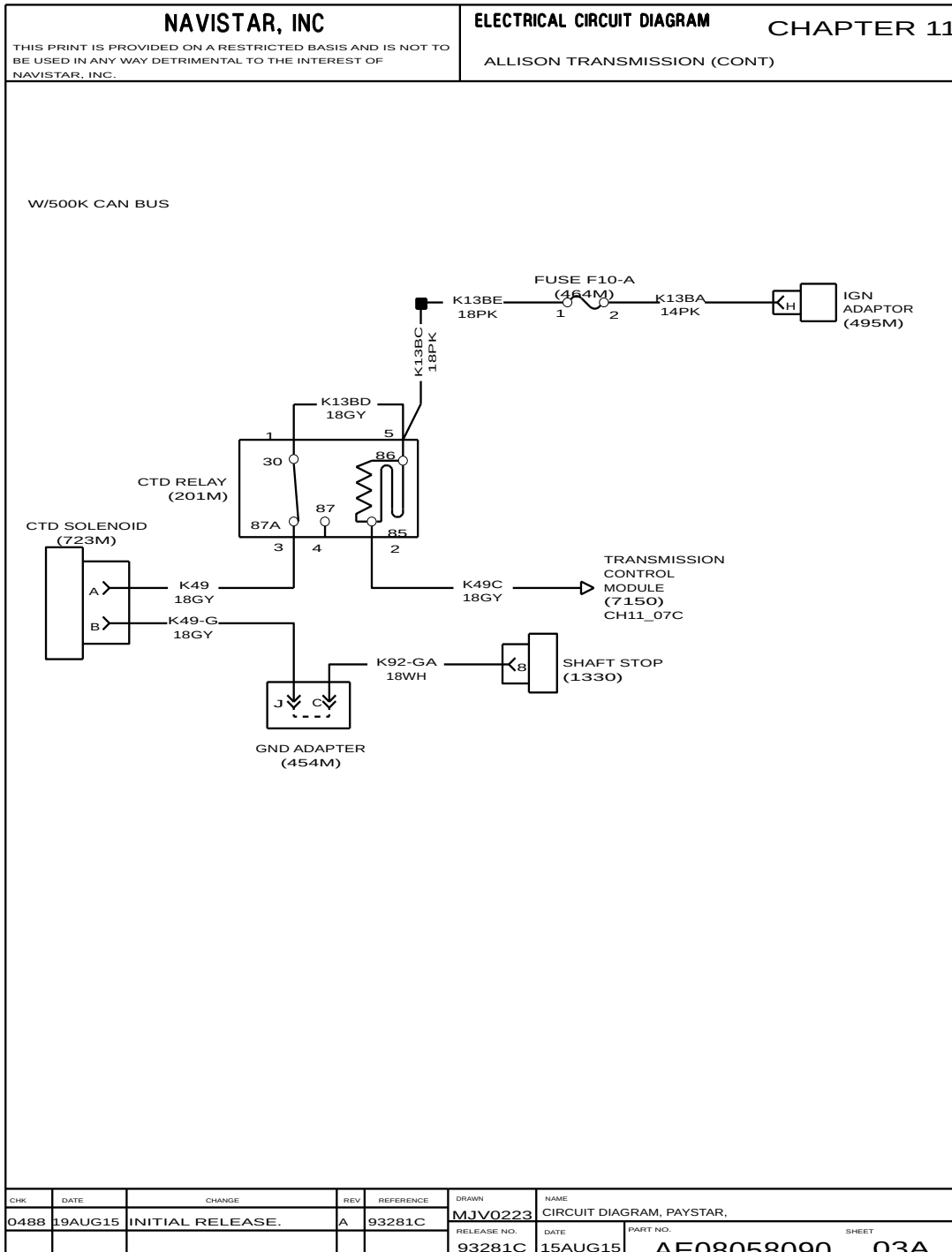


Figure 164 Allison Transmission (Cont.)

11.6. ALLISON TRANSMISSION WITH AUTO NEUTRAL, P. 4

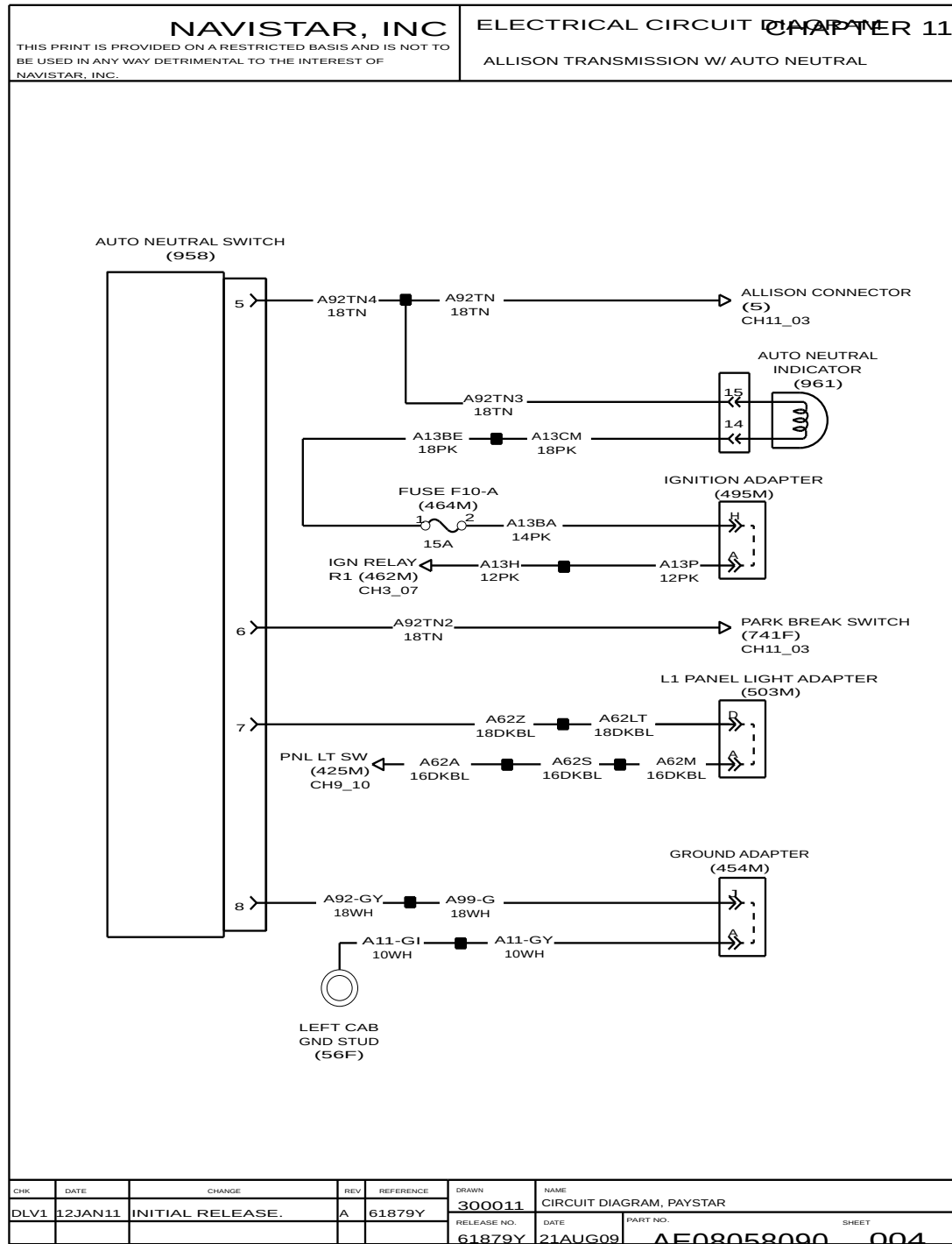


Figure 165 Allison Transmission with Auto Neutral

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

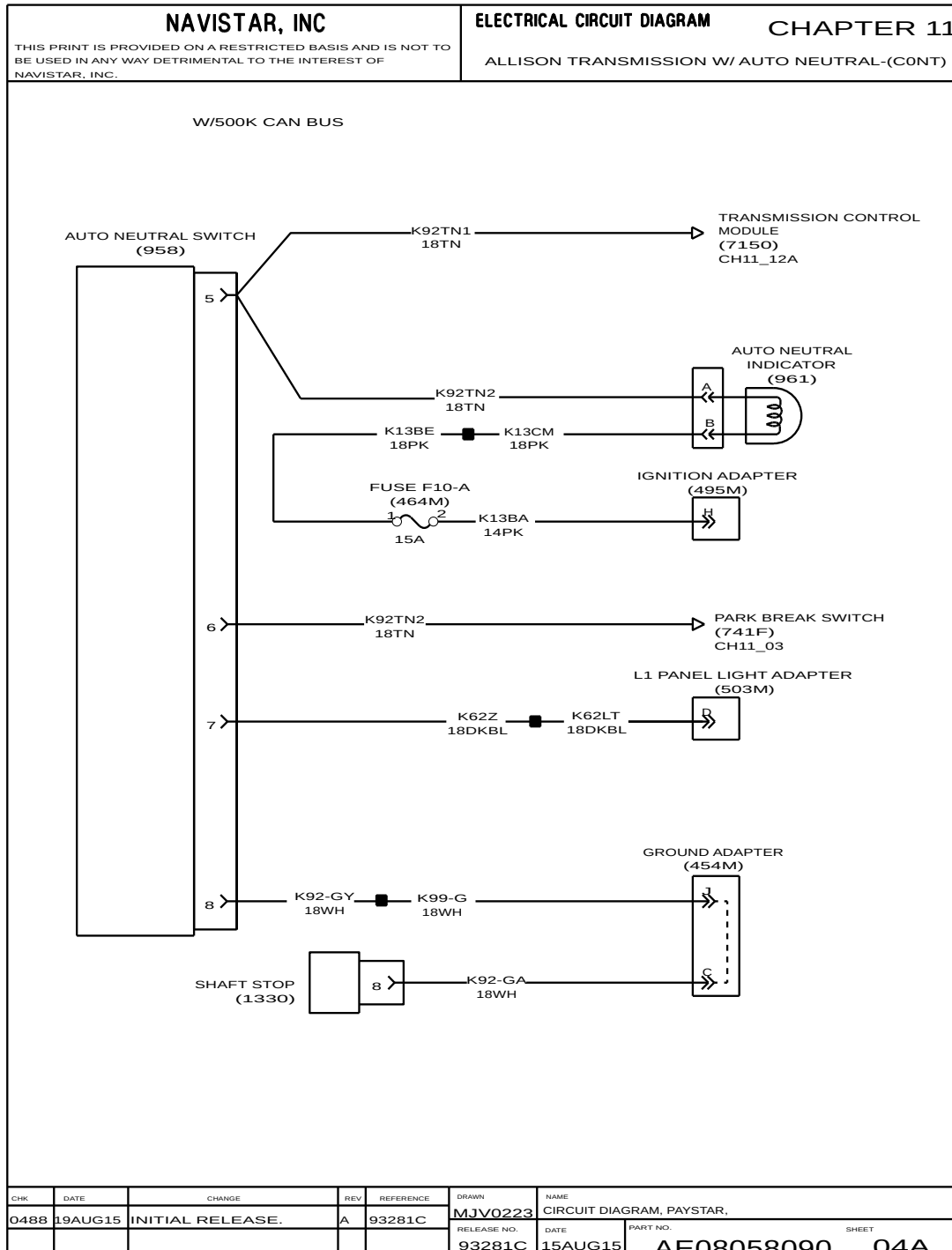


Figure 166 Allison Transmission with Auto Neutral (Cont.)

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 11

ALLISON TRANSMISSION W/ RETARDER

TRANSMISSION CONTROL MODULE (7150)

- HSD1 11
- PRESSURE LONT SOLENOID 4 55
- PRESSURE SWITCH 1 77
- PRESSURE CONT SOLENOID 1 36
- PRESSURE CONT SOLENOID 2 52
- HSD2 71
- MAIN MOD 74
- PRESSURE CONT SOLENOID 3 33
- SHIFT SOLENOID 51
- SINGL RETURN 16
- TORQUE CONVERTER CLUTCH 37
- RANS ID 54
- SENSOR POWER 12
- SUMP TEMP 76
- ANALOG RETURN 58
- MAIN MOD 56
- RETARDER TEMP SOLENOID 75

TRANSMISSION BULKHEAD (105M)

- 1 11
- 2 155
- 3 177
- 5 136
- 6 152
- 7 171
- 8 174
- 9 133
- 10 151
- 12 116
- 11 137
- 21 154
- 4 112
- 36 178
- 22 176
- 23 140
- 13 158
- 28 156
- 26 175

TRANSMISSION BULKHEAD (7250)

- 1 11
- 2 155
- 3 177
- 4 136
- 5 152
- 6 171
- 8 174
- 9 133
- 10 151
- 15 116
- 12 137
- 20 154
- 16 112
- 7 178
- 19 158
- 11 131
- 17 119
- 18 154
- A 160
- B 140
- C 112A
- A 158A
- B 156
- B 158C

OUTPUT SPEED SENSOR *(7608)

RETARDER MODULATOR REQUEST *(950)

RETARDER TEMPERATURE SOLENOID *(7211)

Legend:

- *K112 18PK
- *K112B 18PK
- *K178 18WH
- *K158 18LTGN
- *K158B 18LTGN
- *K131 18YL
- *K119 18LTBL
- *K154 18TN
- *K160 18YL
- *K140 18LTGN
- *K112A 18PK
- *K158A 18LTGN
- *K156 18YL
- *K158C 18LTGN
- *K175 18OR

Notes:

- # W/ 11L AND 13L IBB ENGINE
- * W/ 15L IBB ENGINE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CIRCUIT DIAGRAM, PAYSTAR	RELEASE NO.	DATE	PART NO.	SHEET
0486	02JAN12	ADDED 11L, 13L AND 15L IBB ENGINE EFFECTS.	B	80616P	300011			61879Y	22AUG09	AE08058090	005

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ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

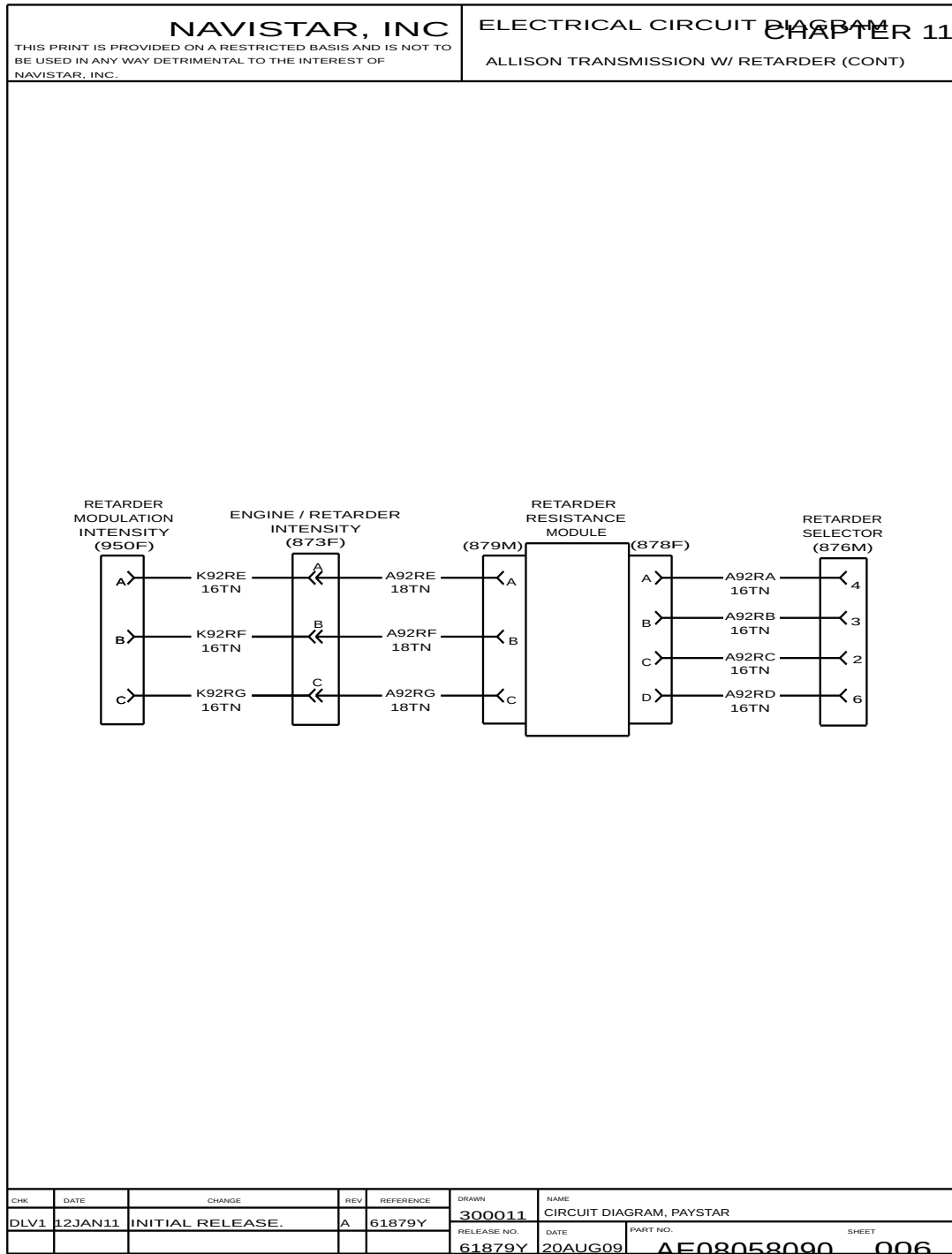


Figure 168 Allison Transmission with Retarder (Cont.)

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

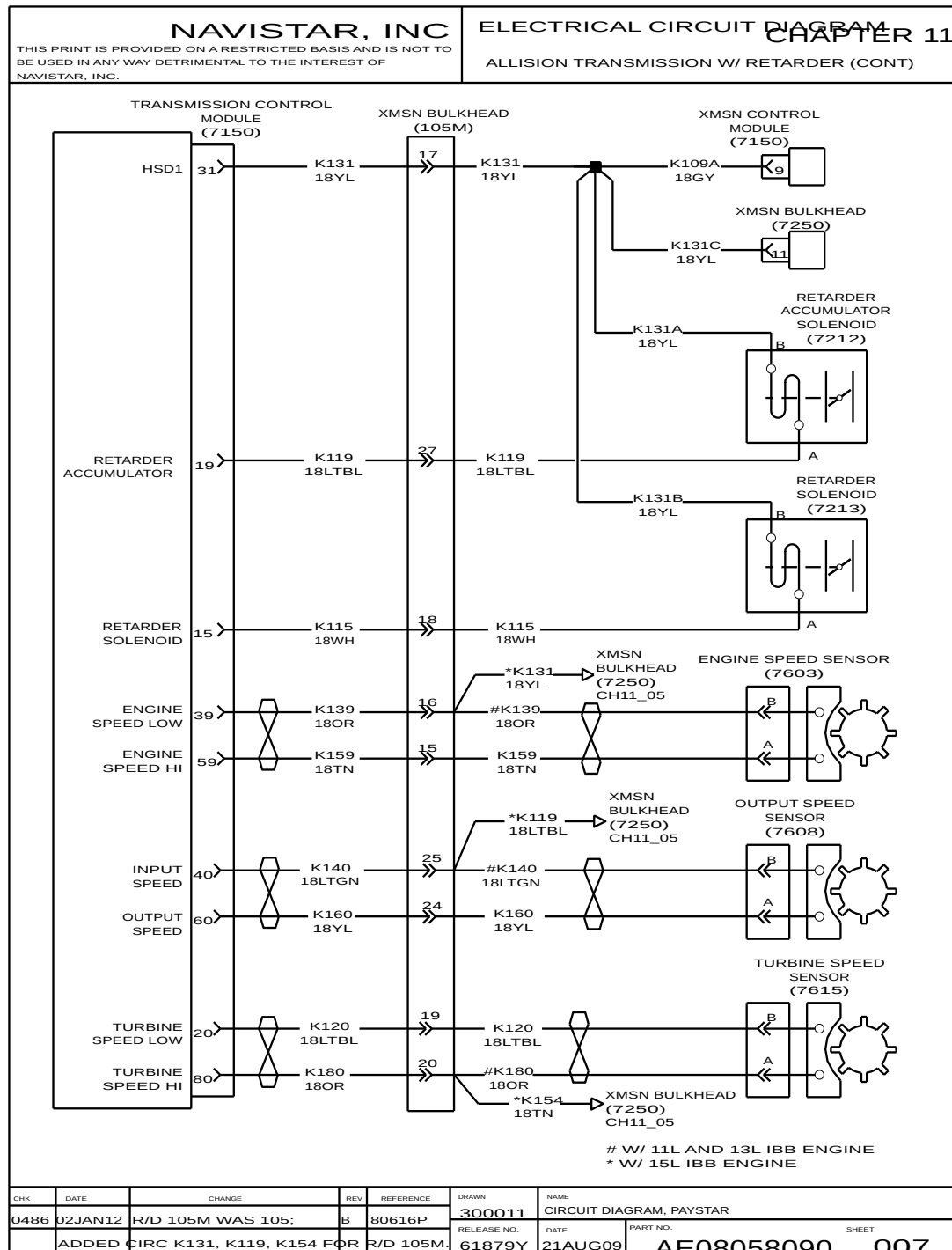


Figure 169 Allison Transmission with Retarder (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

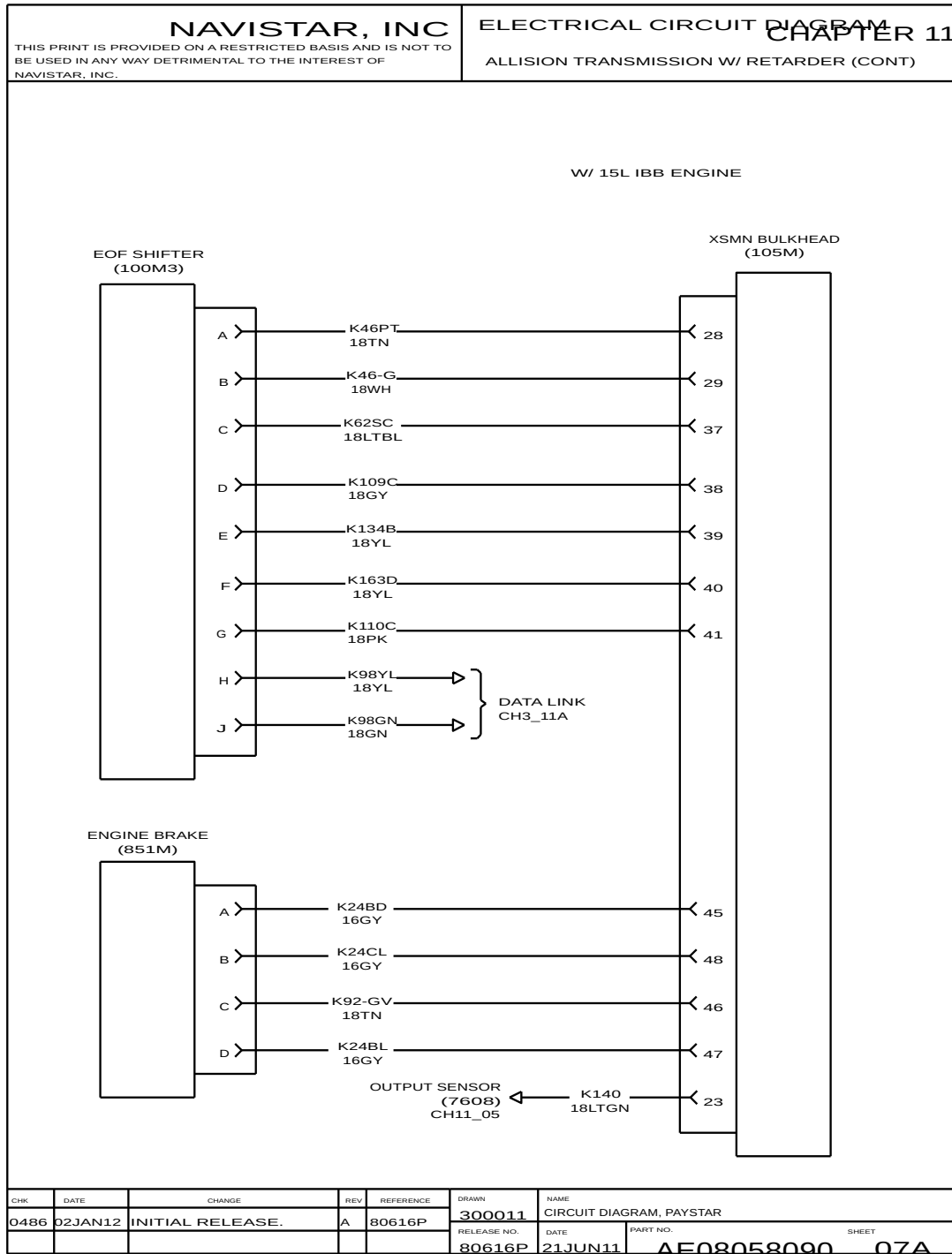


Figure 170 Allison Transmission with Retarder (Cont.)

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

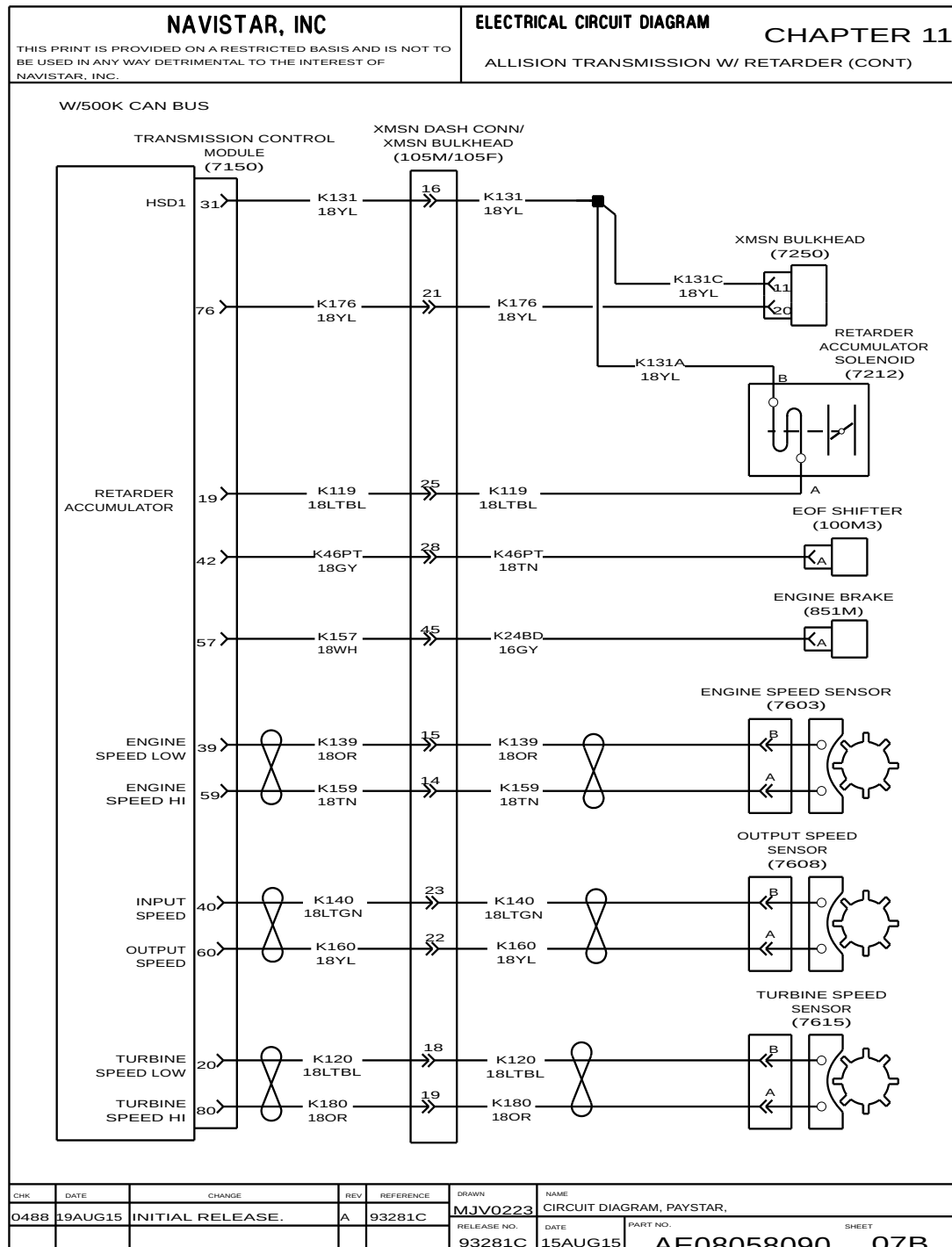


Figure 171 Allison Transmission with Retarder (Cont.)

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

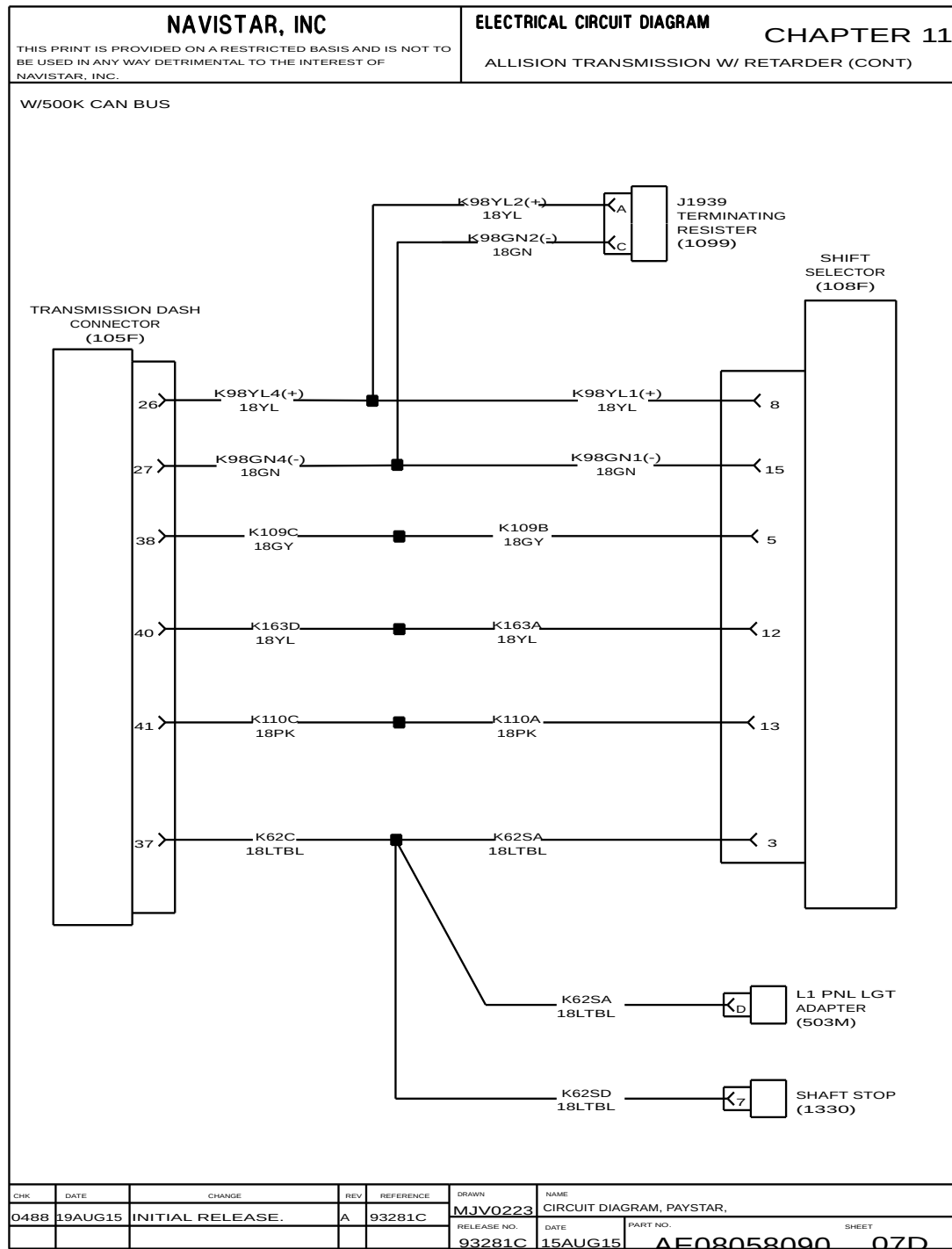


Figure 173 Allison Transmission with Retarder (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

11.15. EATON ULTRASHIFT GEN III TRANSMISSION, P. 8

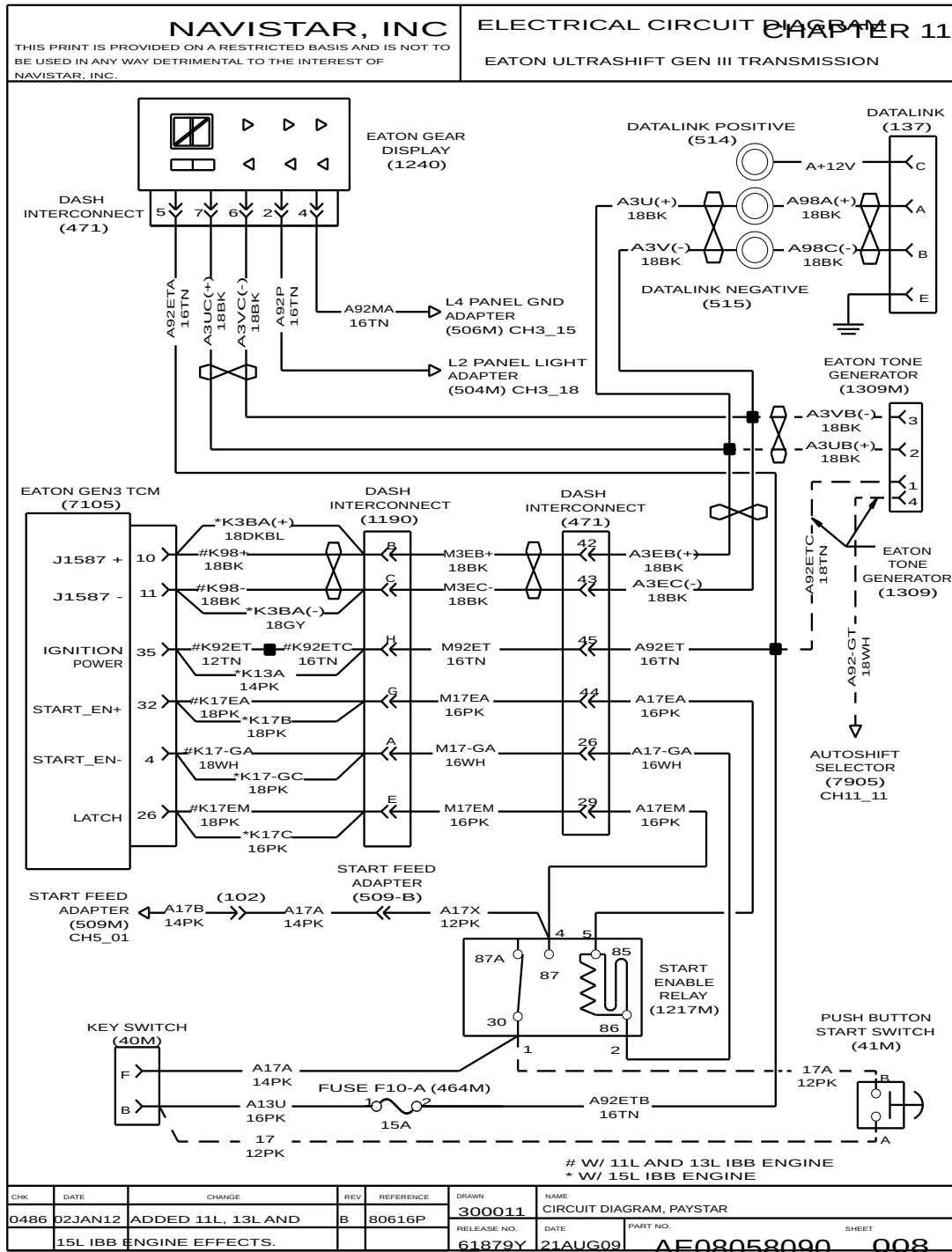


Figure 174 Eaton Ultrashift GEN III Transmission

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 11

EATON ULTRASHIFT PLUS GEN III TRANSMISSION

EATON GEN3 TCM (7105)

- J1587 + (10) K98+ 18BK
- J1587 - (11) K98- 18BK
- IGNITION POWER (35) K92ET 12TN
- START_EN+ (32) K17EA 18PK
- START_EN- (4) K17-GA 18WH
- LATCH (26) K17EM 18PK

EATON GEAR DISPLAY (1240)

- DASH INTERCONNECT (471) terminals: 5, 7, 6, 2, 4
- A92ETA 16TN
- A3UC(+) 18BK
- A3VC(-) 18BK
- A92P 16TN
- A92MA 16TN
- A92ET 16TN
- A17X 14PK

DASH INTERCONNECT (1190)

- Terminals: B, C, G, A, E
- Wires: K98+ 18BK, K98- 18BK, K92ET 12TN, K17EA 18PK, K17-GA 18WH, K17EM 18PK

DASH INTERCONNECT (471)

- Terminals: 42, 43, 45, 44, 26, 29
- Wires: #M3EB(+) 18BK, *M3EB(+) 16BK, *M3EB(-) 16BK, #M3EB(-) 18BK, A92ET 16TN, A17EA 16PK, A17-GA 16WH, A17EM 16PK

EATON COBRA SHIFT LEVER (1308M)

- A92ETC 18TN
- A92ELB 18TN

EATON TONE GENERATOR (1309M)

- Terminals: 3, 2, 1, 4
- Wires: A3VB(-) 18BK, A3UB(+) 18BK

START FEED ADAPTER (509M)

- Terminal: B
- Wire: A17X 14PK

START ENABLE RELAY (201M)

- Terminals: 4, 5, 87, 85, 30, 86, 1, 2

PUSH BUTTON START SWITCH (41M)

- Terminal: B
- Wire: A17A 12PK

KEY SWITCH (40M)

- Terminal: B
- Wires: A13U 16PK, A17 12PK

FUSE F10-A (464M)

- Wire: A92ETB 16TN

Wiring Notes:

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

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

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ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

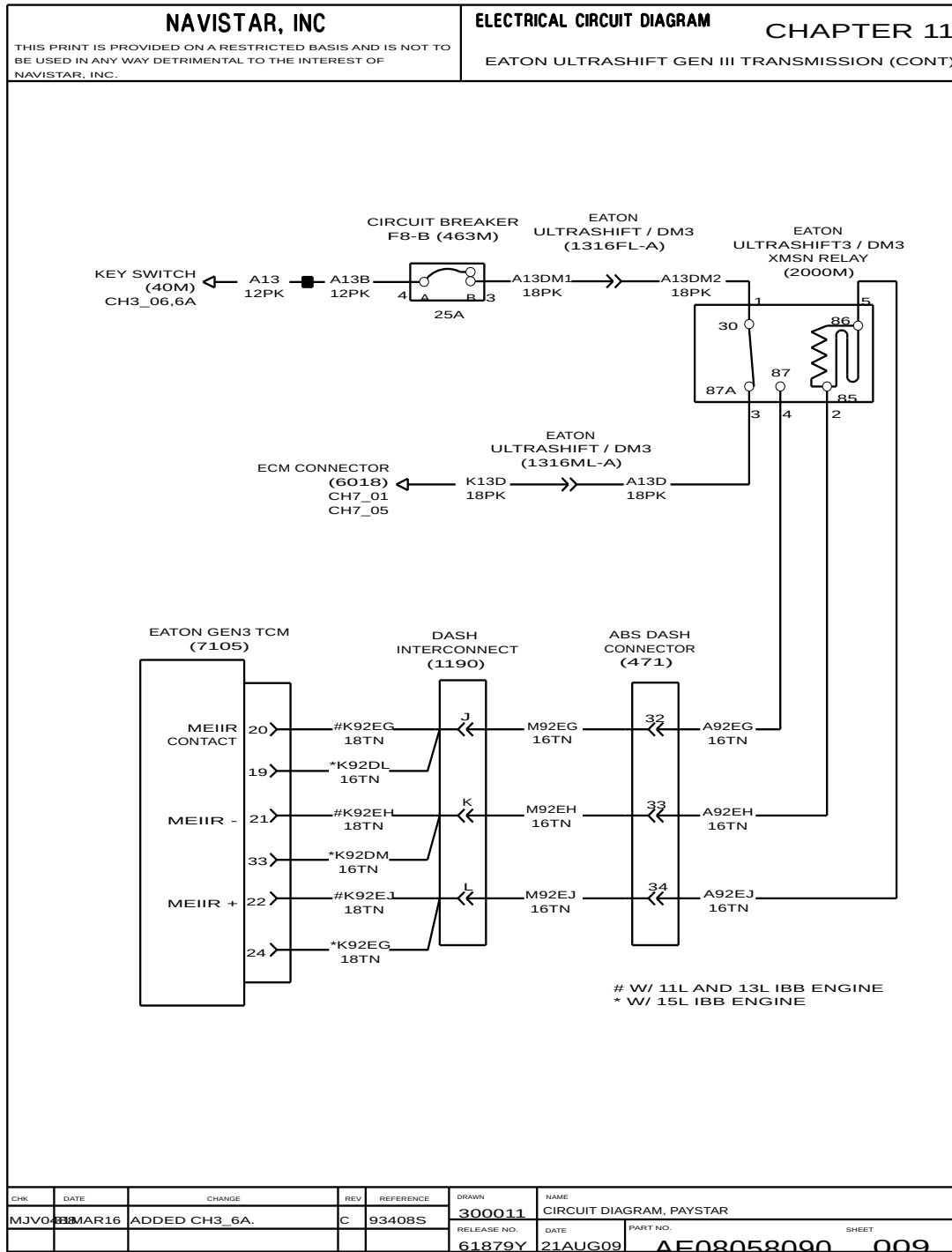


Figure 176 Eaton Ultrashift GEN III Transmission (Cont.)

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

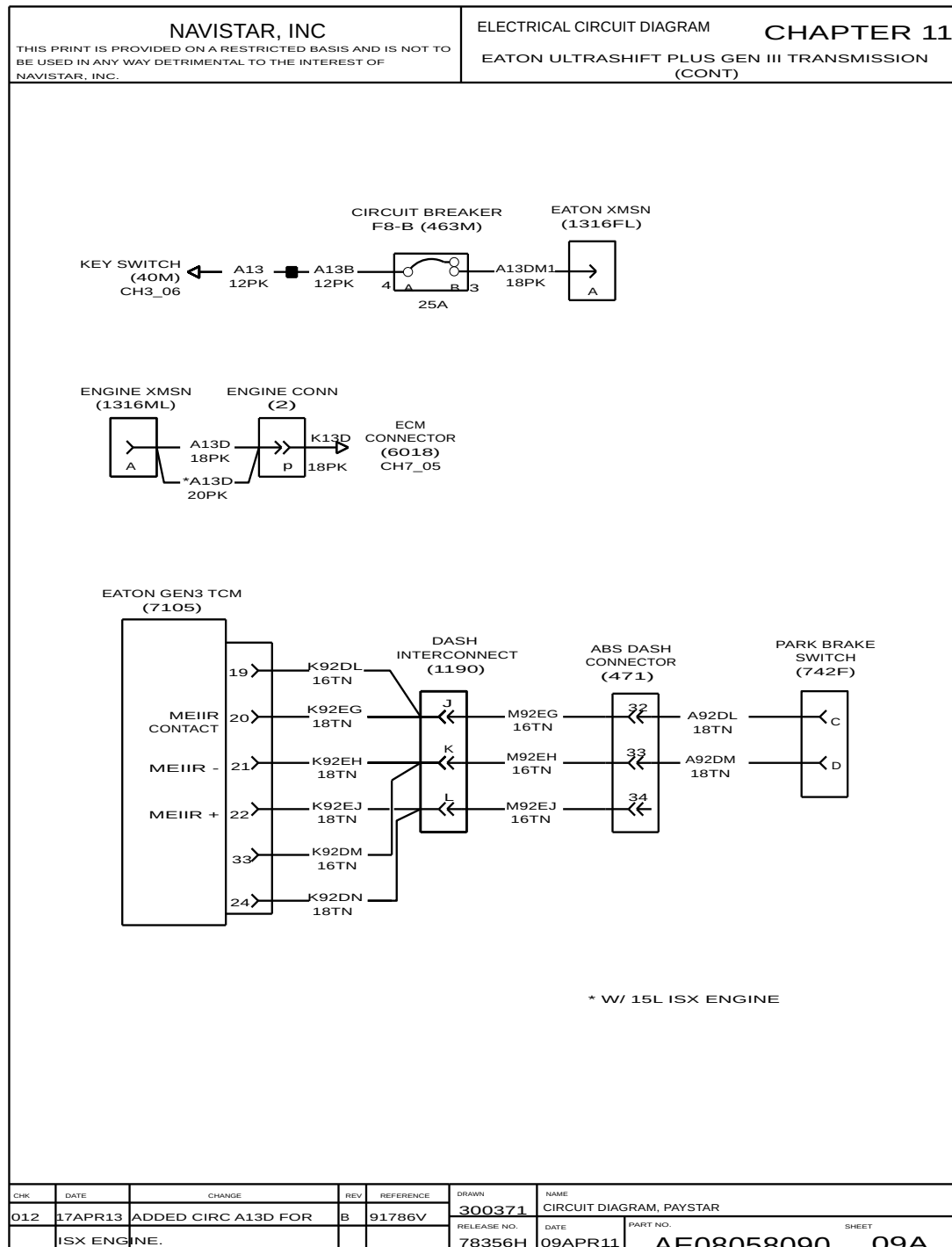


Figure 177 Eaton Ultrashift Plus GEN III Transmission (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

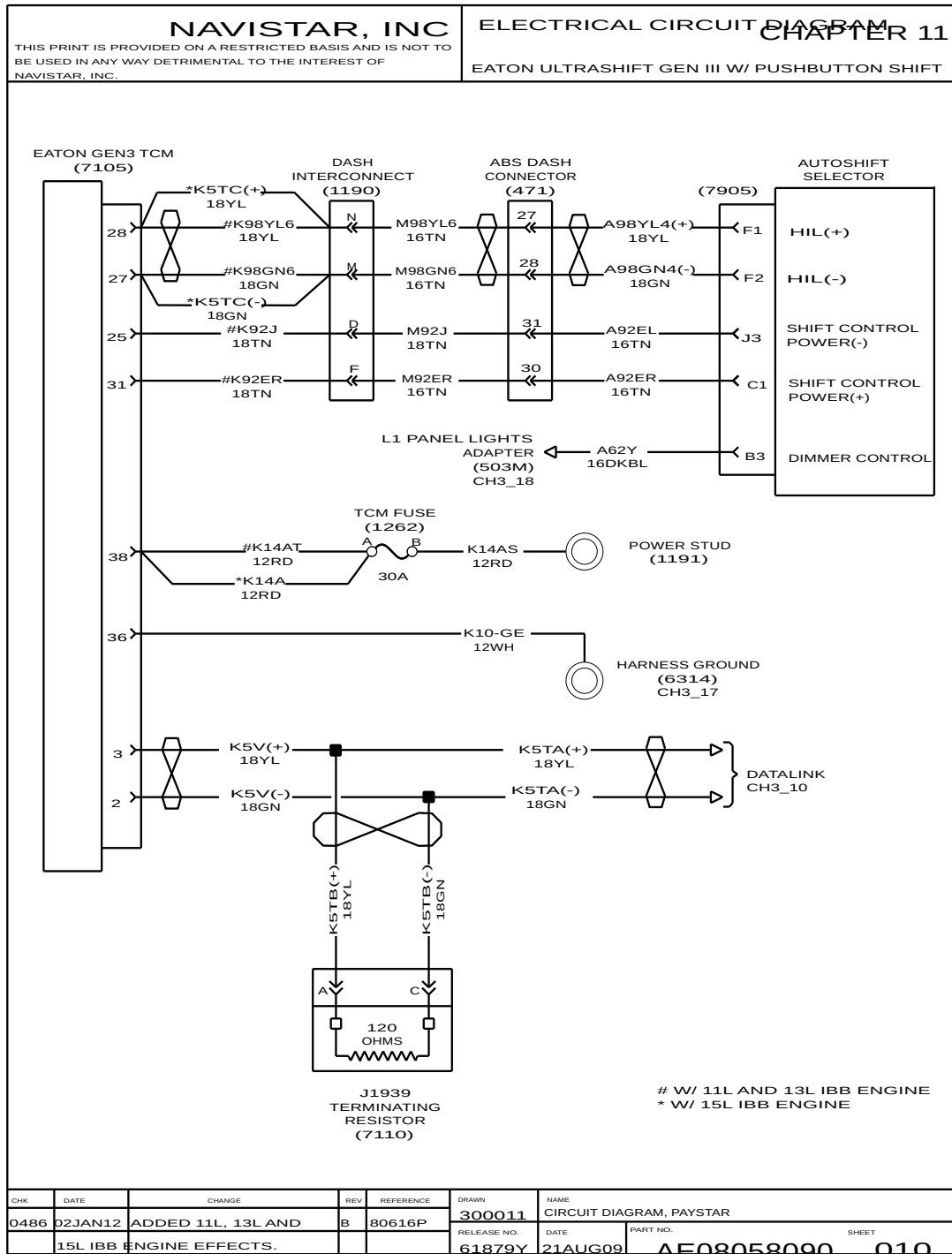


Figure 178 Eaton Ultrashift GEN III with Pushbutton Shift

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

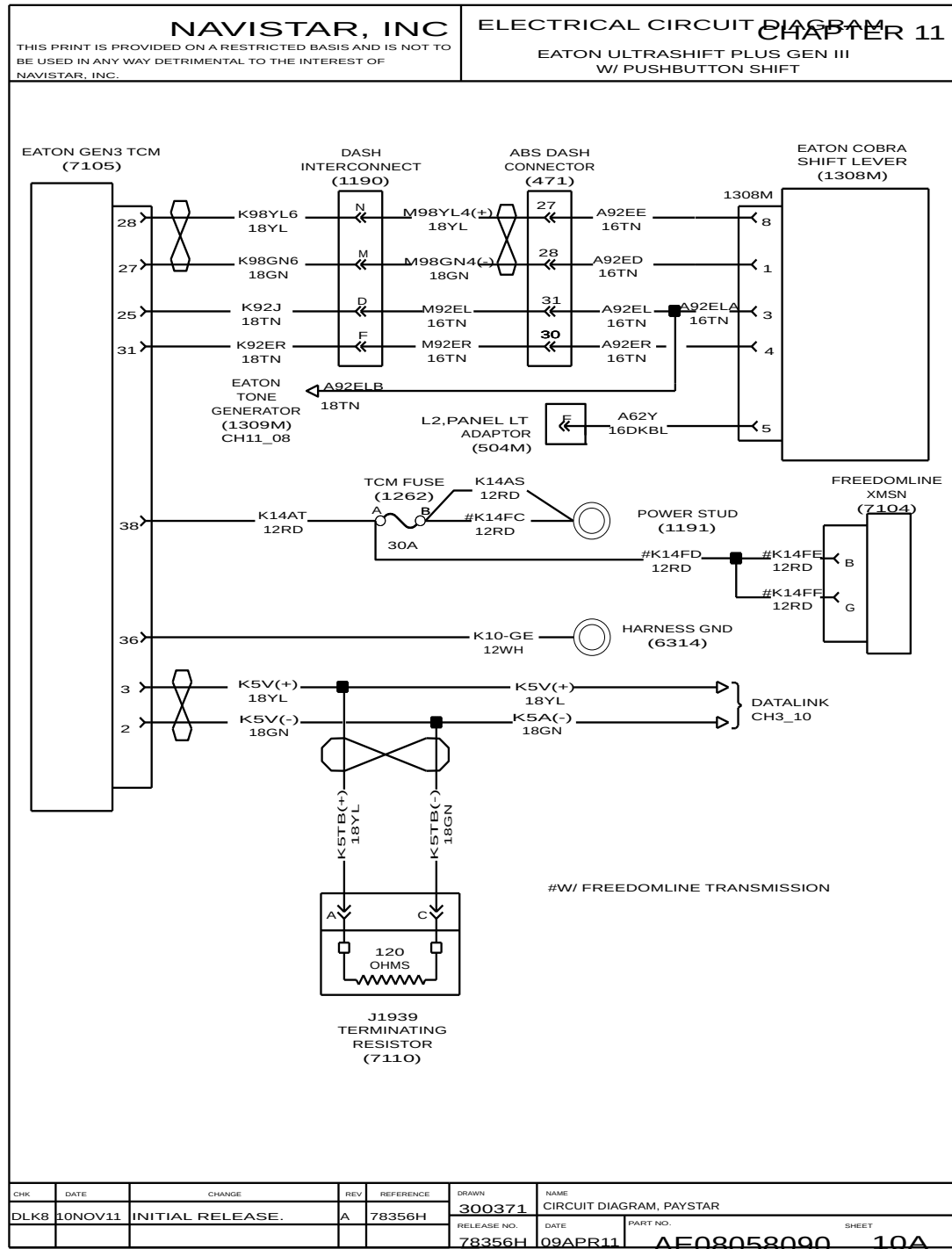


Figure 179 Eaton Ultrashift GEN III with Pushbutton Shift

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

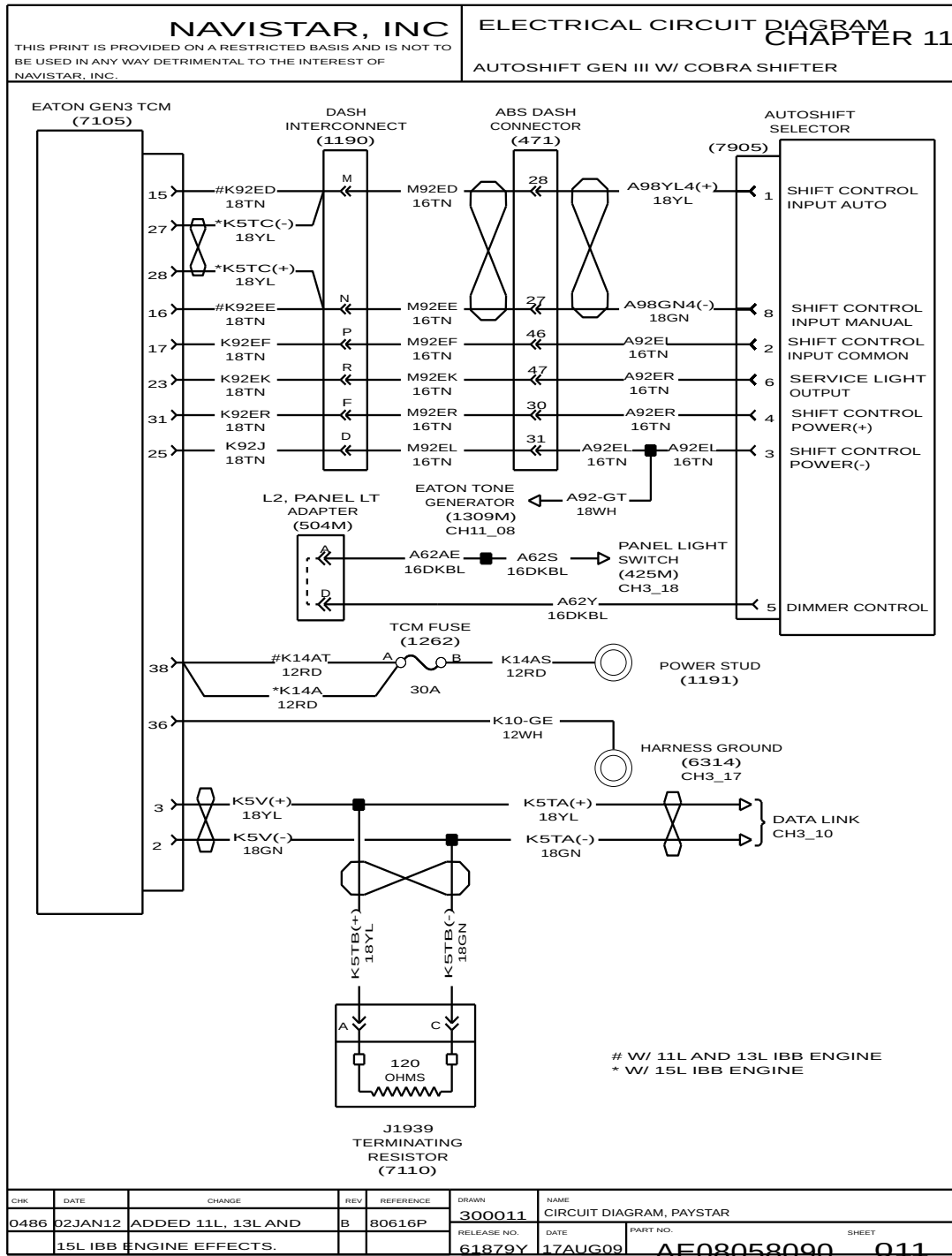


Figure 180 Autoshift GEN III with Cobra Shifter

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

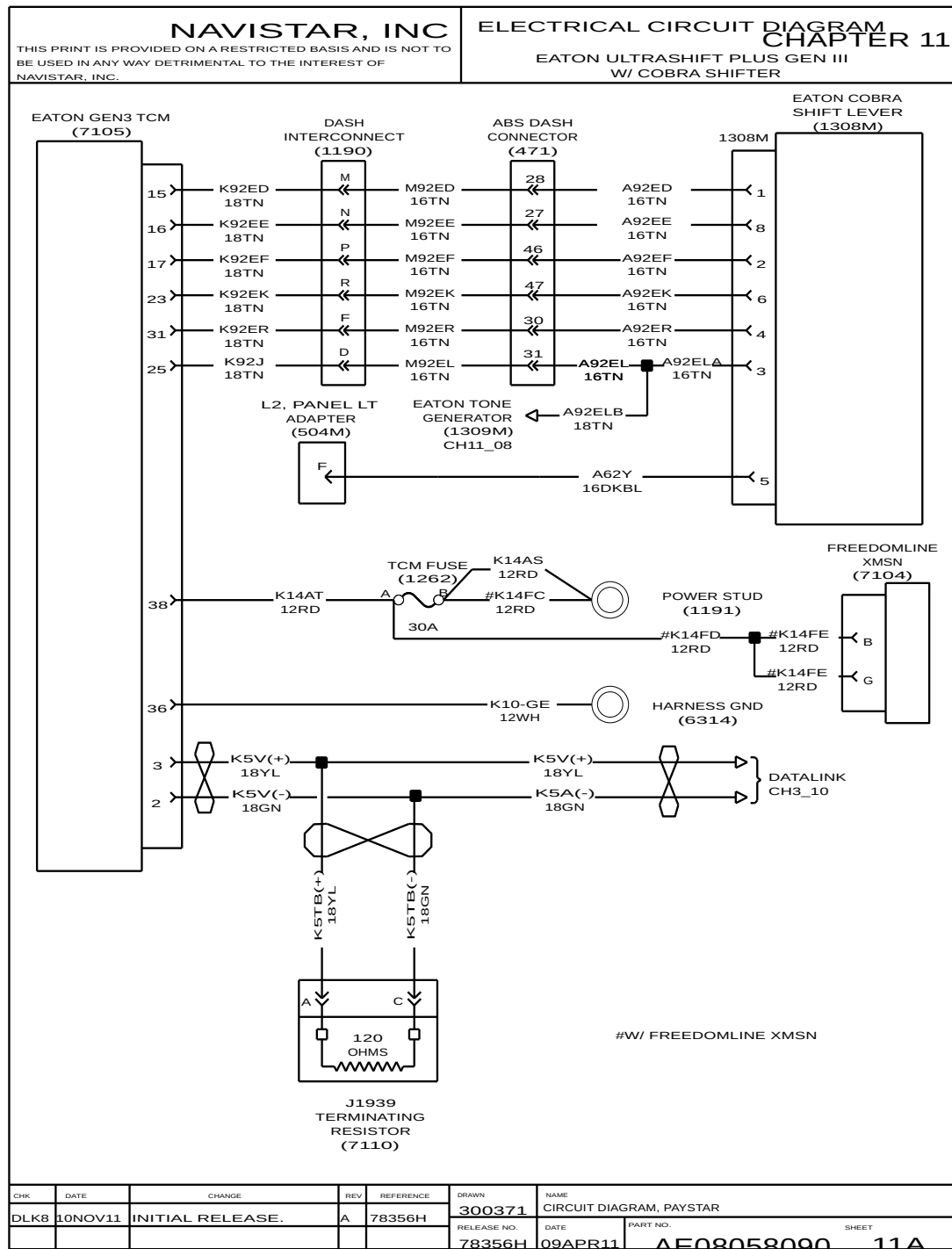


Figure 181 Eaton Ultrashift Plus Gen III with Cobra Shifter

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

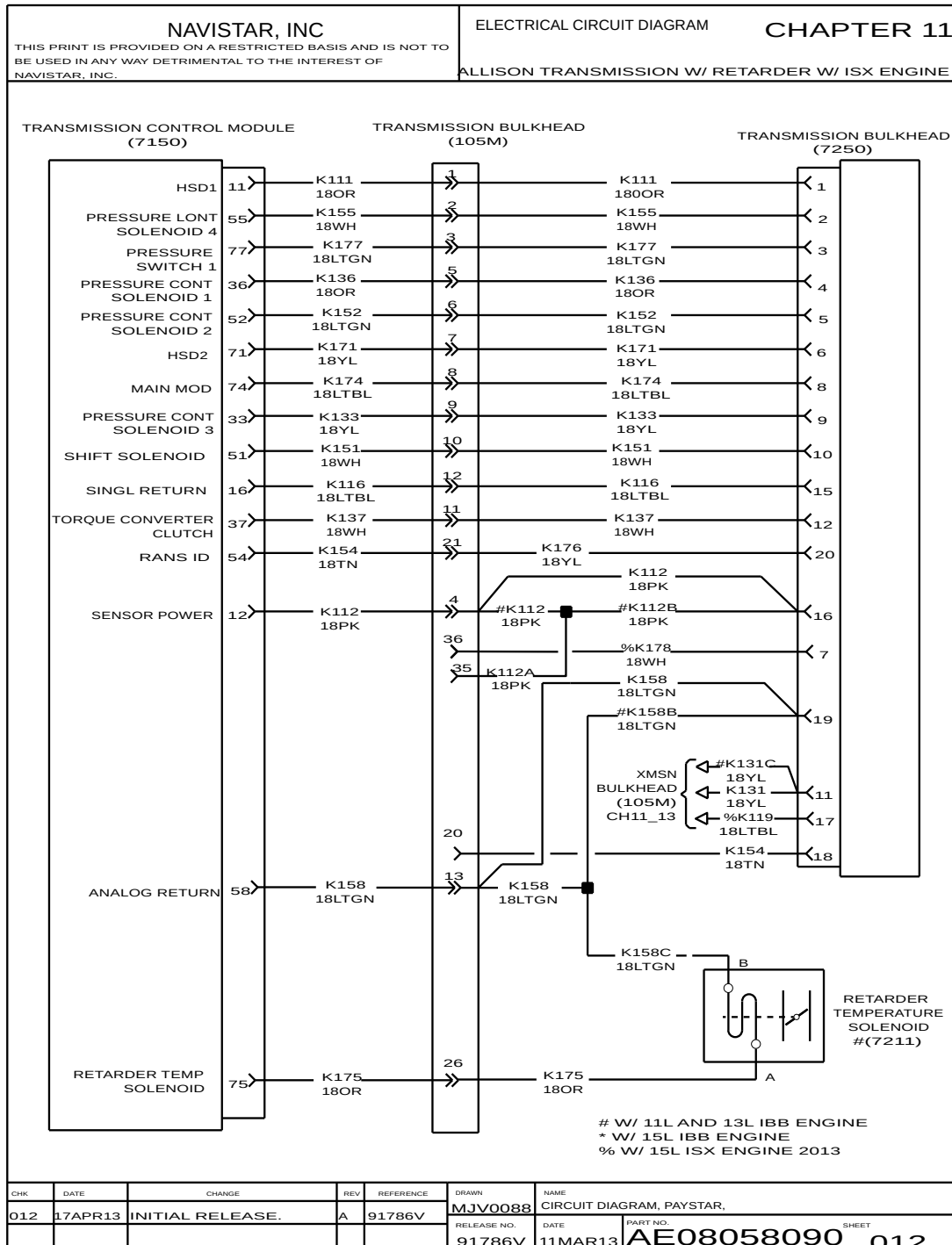


Figure 182 Allison Transmission with Retarder with ISX Engine

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

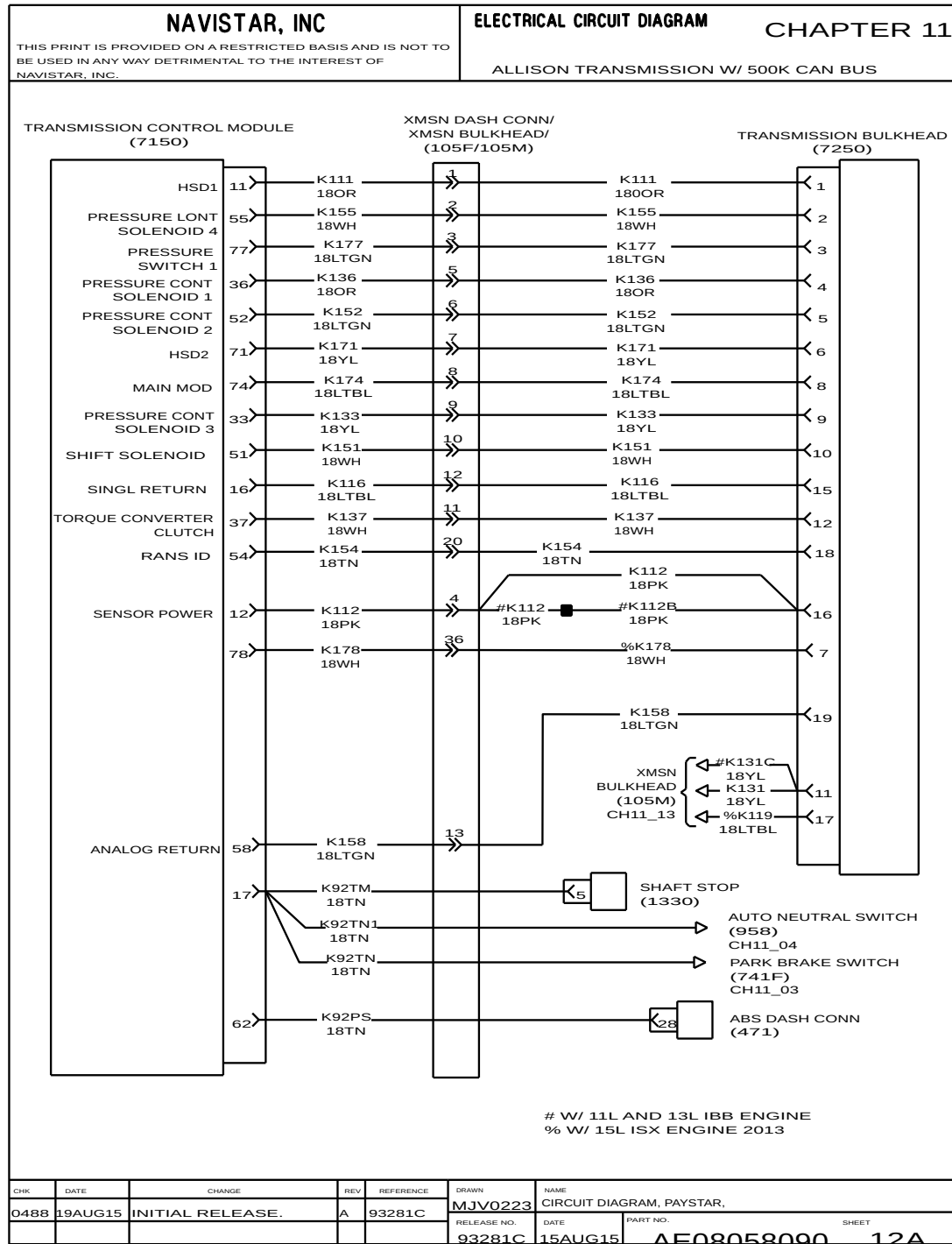


Figure 183 Allison Transmission with 500K Can Bus

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

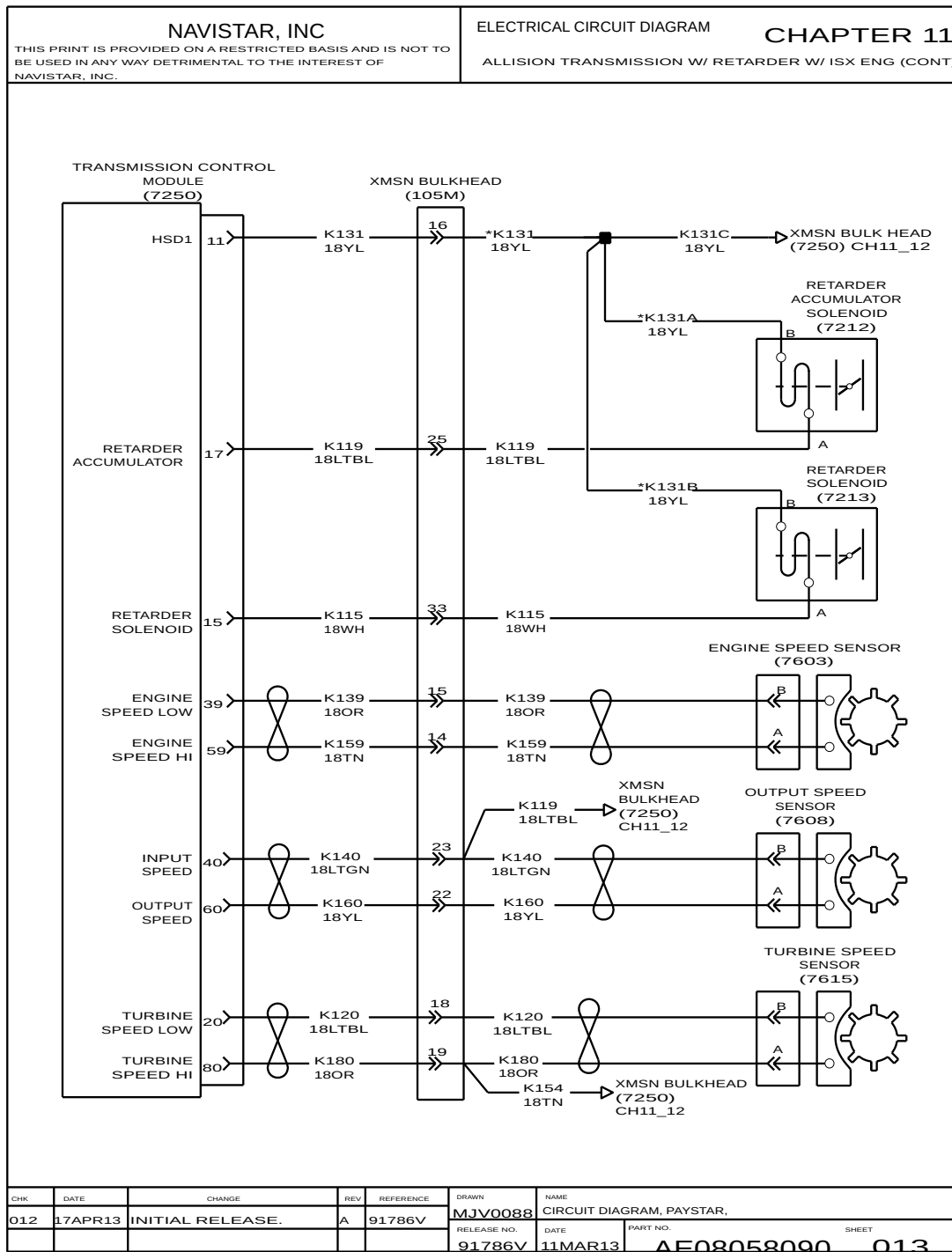


Figure 184 Allison Transmission with Retarder with ISX Engine (Cont.)

HVAC (CHAPTER 12)

12.1. AIR CONDITIONER – CAB, P. 1

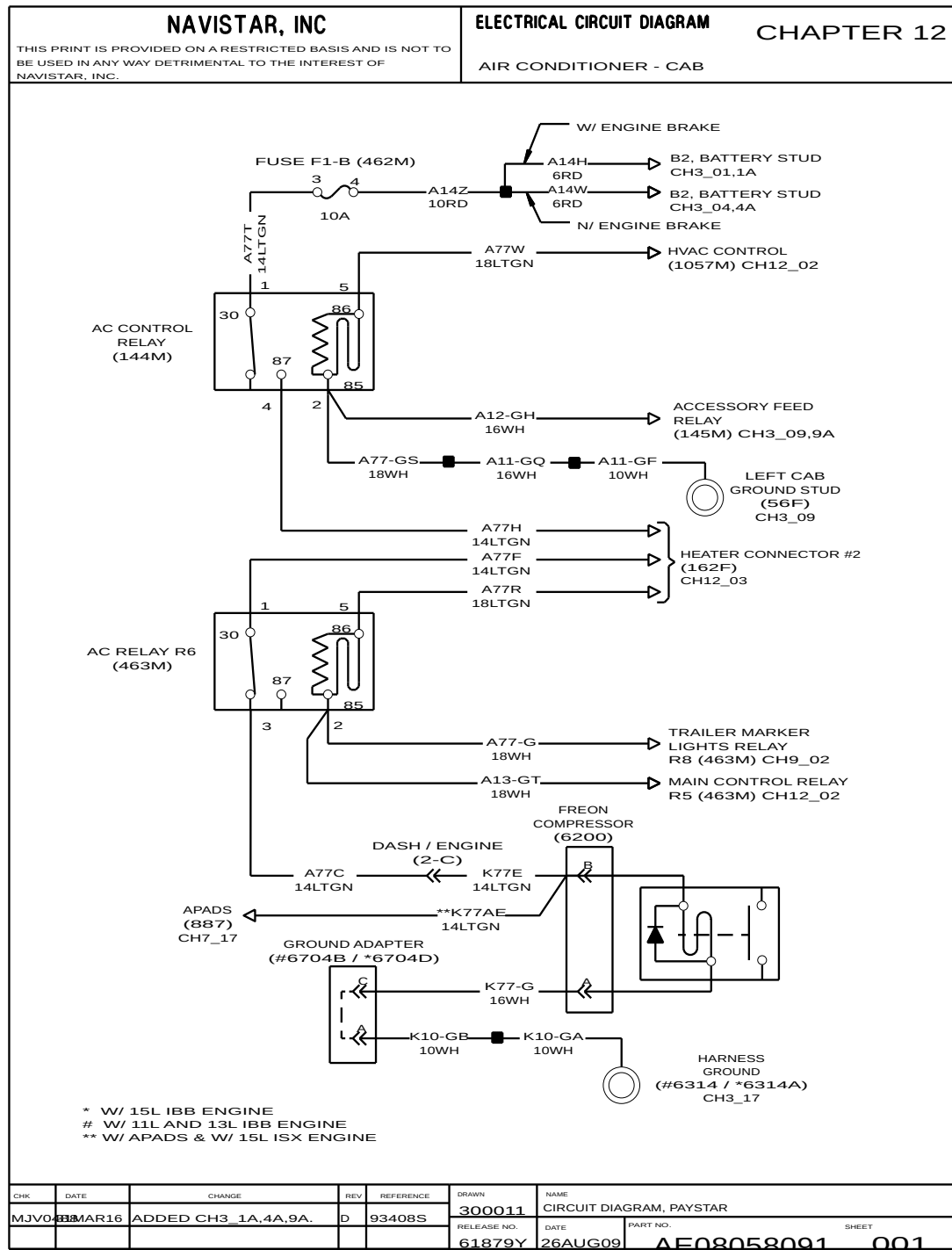


Figure 185 Air Conditioner – CAB

ELECTRICAL CIRCUIT DIAGRAM MANUAL

12.2. HEATER – CAB, P. 2

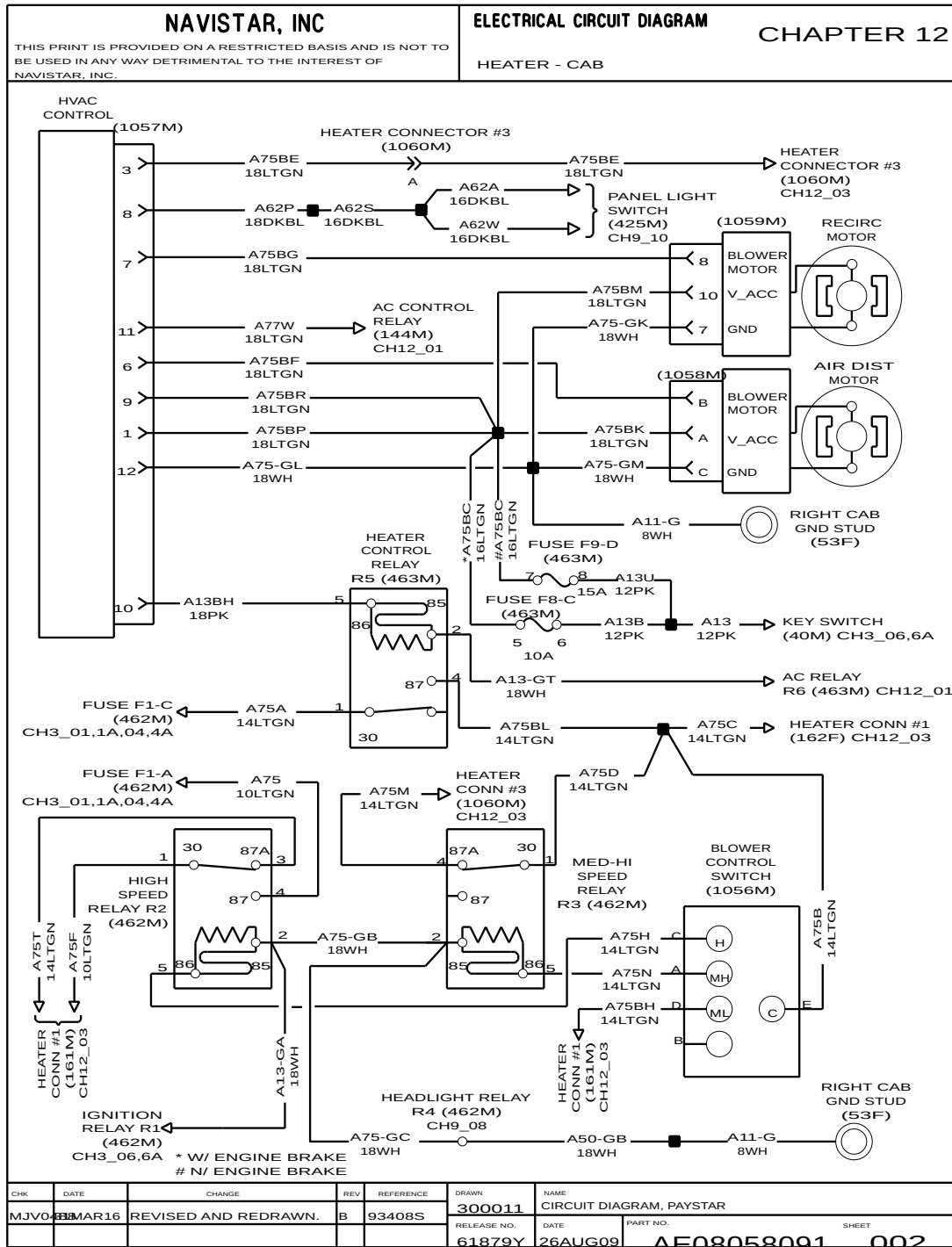


Figure 186 Heater – CAB

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 12

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LOWERED HEATER - CAB

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 12

LOWERED HEATER - CAB

HVAC CONTROL (1057M) CH12_02

MED HI SPEED RELAY (462M) CH12_02

BLOWER CONTROL SWITCH (1056) CH12_02

HIGH SPEED RELAY R2 (462M) CH12_02

HEATER CONNECTOR #3 (1060M)

HEATER CONNECTOR #1 (161M)

BLOWER MOTOR (209)

CAB STPR MTR

BUNK STPR MTR

RESISTOR BLOCK (27)

HEATER CONNECTOR #2 (162F)

THERMAL SWITCH

HIGH PRESSURE SAFETY SWITCH (221)

LOW PRESSURE SAFETY SWITCH (214)

* N/ ENGINE BRAKE
W/ ENGINE BRAKE

OPEN <28° -32° F
CLOSE >34° -38° F
(IN HEATER BOX)

CLOSE 375 ±20 PSI
OPEN 150 MIN PSI
(UNDER HEATER BOX)

CLOSE <5 PSI
MAXIMUM OPEN >20 ±5 PSI
(UNDER HEATER BOX)

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	RELEASE NO.	DATE	PART NO.	SHEET
M3V0	03MAR16	ADDED CH3_6A.	B	93408S	300011	CIRCUIT DIAGRAM, PAYSTAR	61879Y	25AUG09	AE08058001	003

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ELECTRICAL CIRCUIT DIAGRAM MANUAL

CONNECTOR COMPOSITES (CHAPTER 13)

13.1. CONNECTOR COMPOSITES (1), P. 1

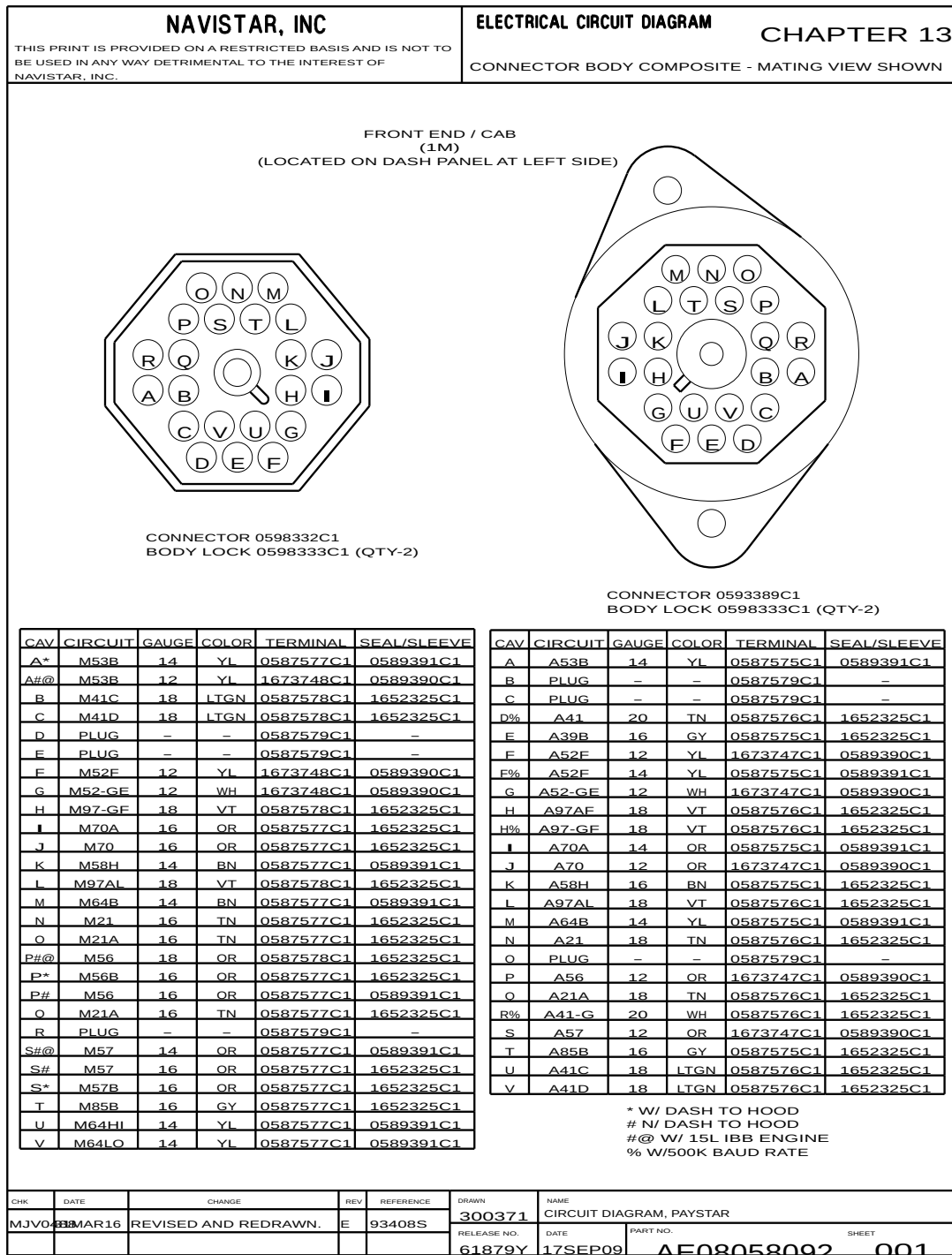


Figure 188 Connector Composites (1)

13.2. CONNECTOR COMPOSITES (2 / 2M), P. 2

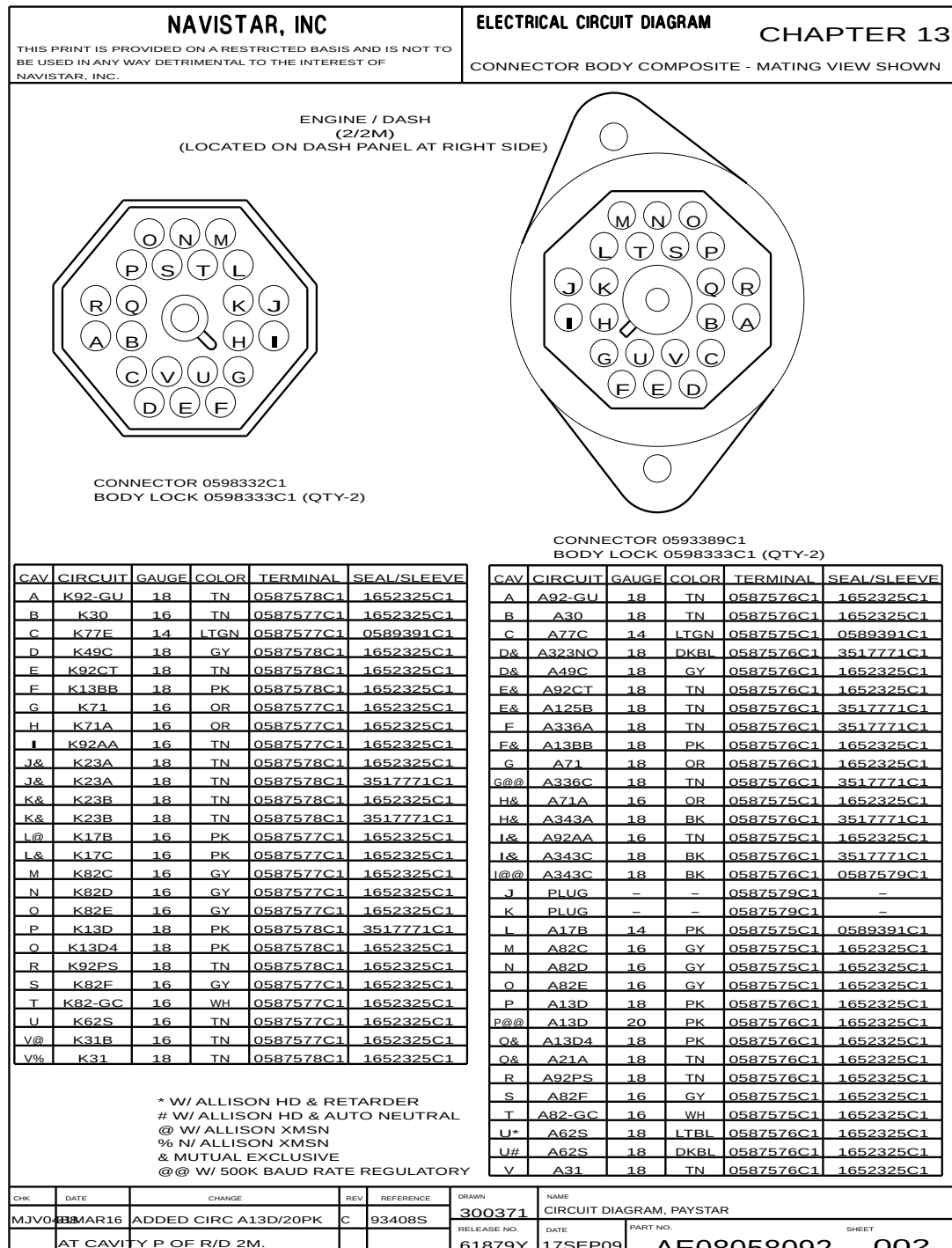


Figure 189 Connector Composites (2 / 2M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

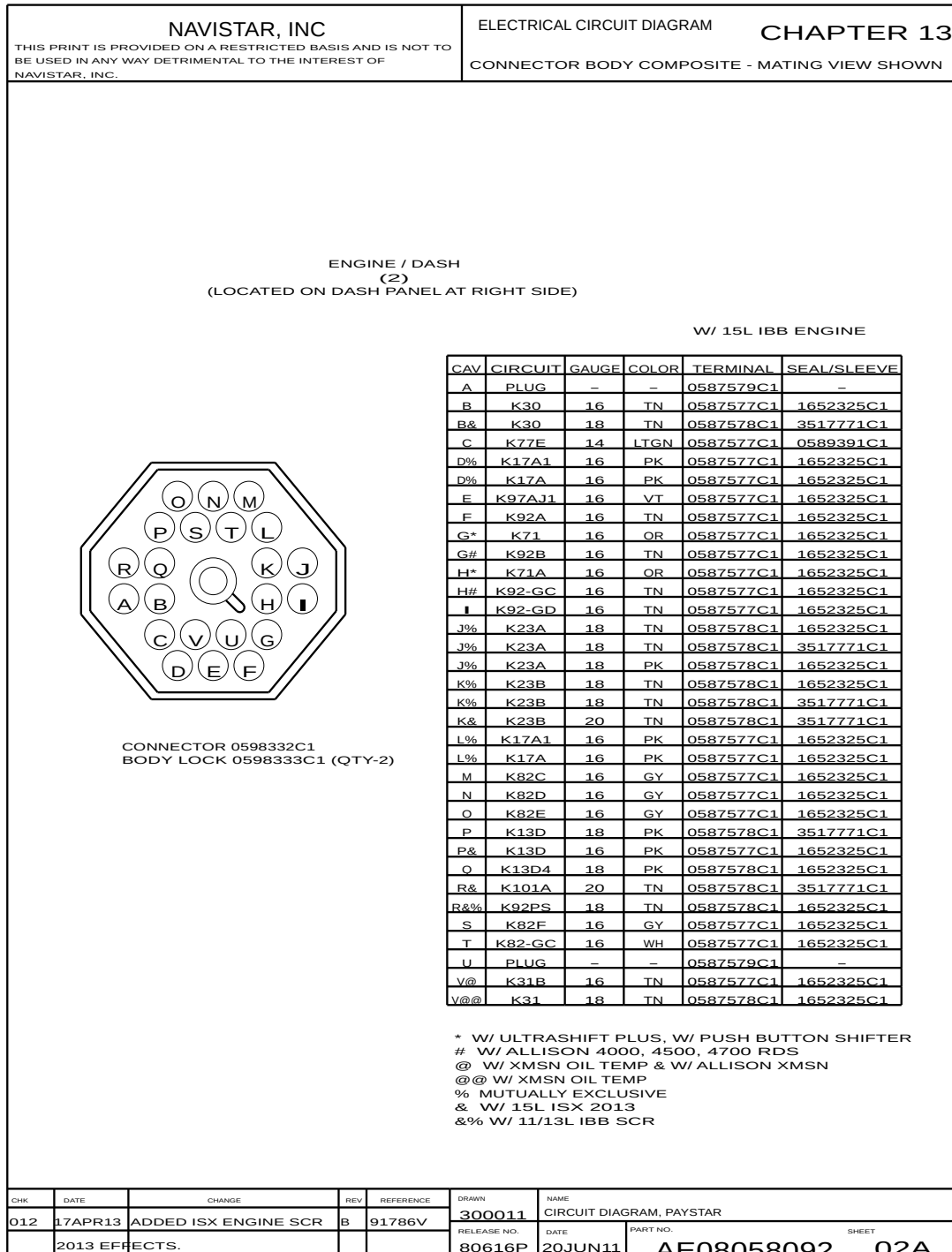


Figure 190 Connector Composites (2)

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

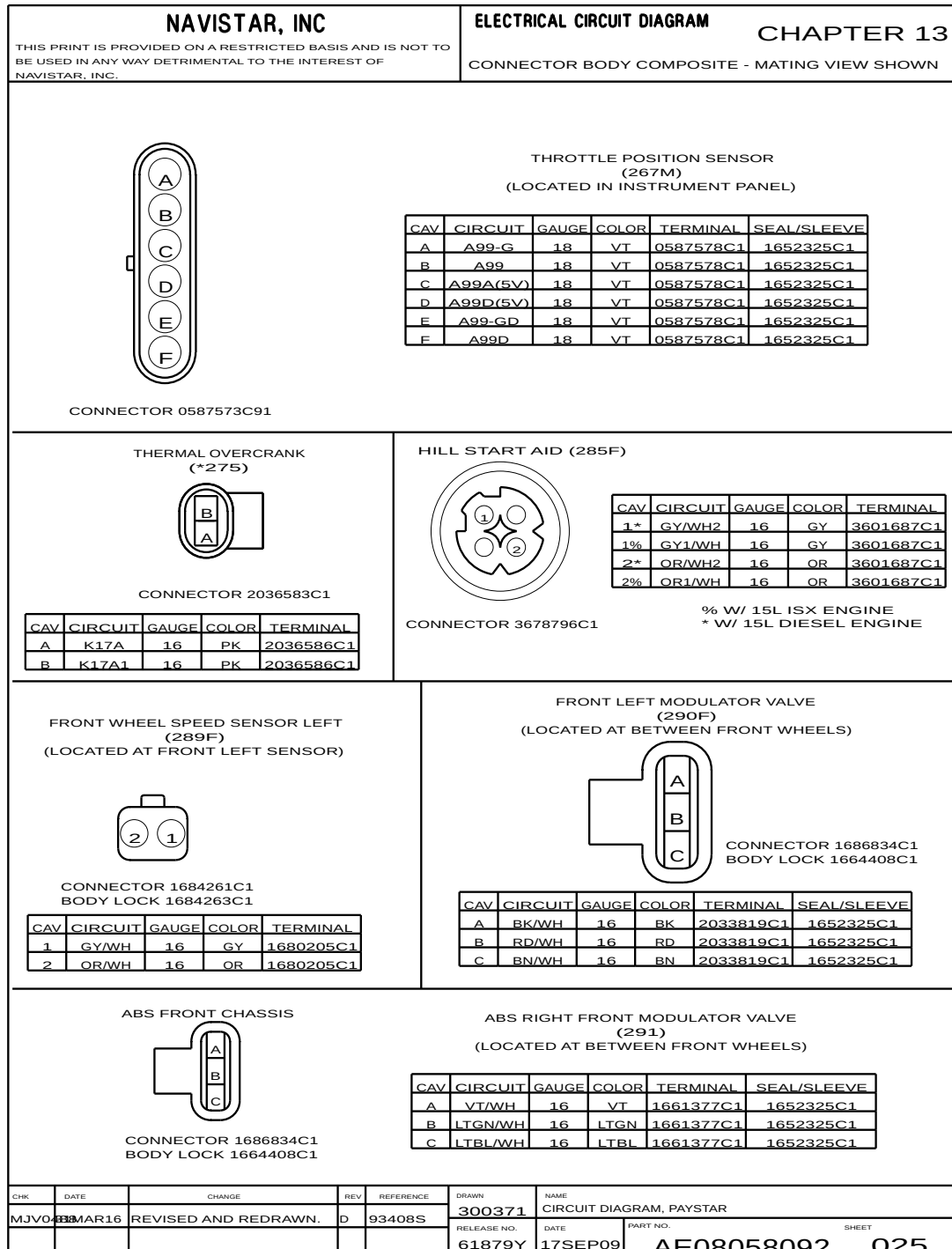


Figure 191 Connector Composites (2)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

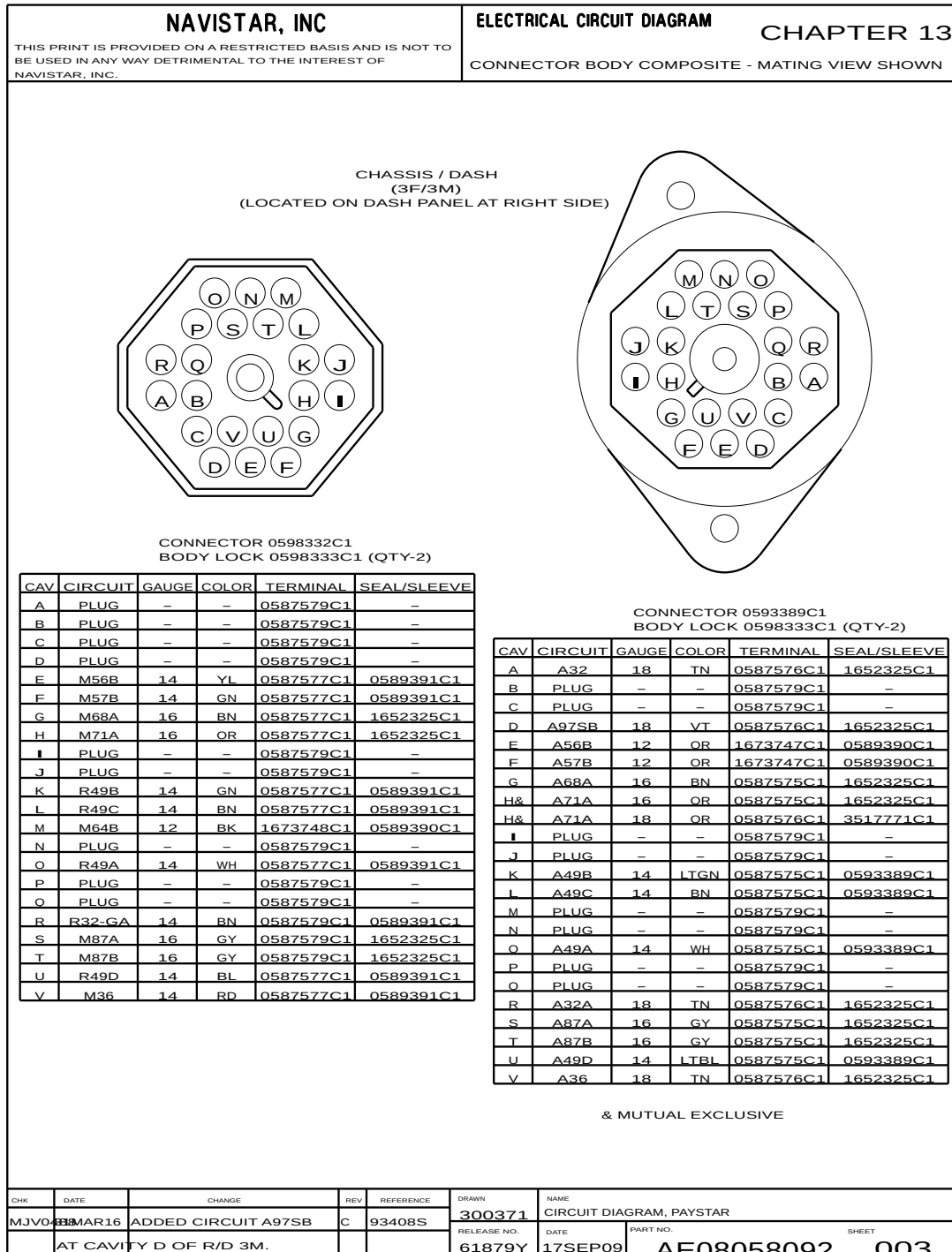


Figure 192 Connector Composites (3F / 3M)

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

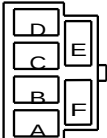
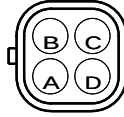
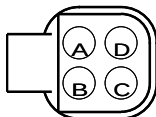
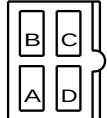
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																													
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																															
TURN SIGNAL SWITCH (4M) (LOCATED ON STEERING COLUMN)  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 rowspan="2">A</td><td>A57D</td><td>12</td><td>OR</td><td rowspan="2">0333735C1</td></tr><tr><td>A57E</td><td>14</td><td>OR</td></tr><tr><td>B</td><td>A57B</td><td>12</td><td>OR</td><td>0333734C1</td></tr><tr><td>C</td><td>A56B</td><td>12</td><td>OR</td><td>0333734C1</td></tr><tr><td rowspan="2">D</td><td>A56D</td><td>12</td><td>OR</td><td rowspan="2">0333735C1</td></tr><tr><td>A56E</td><td>14</td><td>OR</td></tr><tr><td>E</td><td>A55A</td><td>12</td><td>OR</td><td>0333734C1</td></tr><tr><td rowspan="2">F</td><td>A70A</td><td>14</td><td>OR</td><td rowspan="2">0333735C1</td></tr><tr><td>A70D</td><td>14</td><td>OR</td></tr></tbody></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A57D	12	OR	0333735C1	A57E	14	OR	B	A57B	12	OR	0333734C1	C	A56B	12	OR	0333734C1	D	A56D	12	OR	0333735C1	A56E	14	OR	E	A55A	12	OR	0333734C1	F	A70A	14	OR	0333735C1	A70D	14	OR																
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																															
A	A57D	12	OR	0333735C1																																																															
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E	A55A	12	OR	0333734C1																																																															
F	A70A	14	OR	0333735C1																																																															
	A70D	14	OR																																																																
ENGINE / CAB (5)  CONNECTOR 1661496C91				 CONNECTOR 1661497C91																																																															
<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>K92TN</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr><tr><td>B</td><td>K92-GS</td><td>18</td><td>TN</td><td>0587578C1</td><td>1652325C1</td></tr><tr><td>C</td><td>K92RS</td><td>18</td><td>TN</td><td>0587578C1</td><td>1652325C1</td></tr><tr><td>D</td><td>K92ML</td><td>18</td><td>TN</td><td>0587578C1</td><td>1652325C1</td></tr></tbody></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K92TN	18	TN	0587578C1	3517771C1	B	K92-GS	18	TN	0587578C1	1652325C1	C	K92RS	18	TN	0587578C1	1652325C1	D	K92ML	18	TN	0587578C1	1652325C1	<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>A92TN</td><td>18</td><td>TN</td><td>0587576C1</td><td>1652325C1</td></tr><tr><td>B</td><td>A92-GF</td><td>18</td><td>TN</td><td>0587576C1</td><td>1652325C1</td></tr><tr><td>C</td><td>A92RS</td><td>18</td><td>TN</td><td>0587576C1</td><td>1652325C1</td></tr><tr><td>D</td><td>A92ML</td><td>18</td><td>TN</td><td>0587576C1</td><td>1652325C1</td></tr></tbody></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A92TN	18	TN	0587576C1	1652325C1	B	A92-GF	18	TN	0587576C1	1652325C1	C	A92RS	18	TN	0587576C1	1652325C1	D	A92ML	18	TN	0587576C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																														
A	K92TN	18	TN	0587578C1	3517771C1																																																														
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A	A92TN	18	TN	0587576C1	1652325C1																																																														
B	A92-GF	18	TN	0587576C1	1652325C1																																																														
C	A92RS	18	TN	0587576C1	1652325C1																																																														
D	A92ML	18	TN	0587576C1	1652325C1																																																														
WINDSHIELD WASHER PUMP (9)  CONNECTOR 3536864C91				<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>A87A</td><td>16</td><td>GY</td><td>3561584C1</td></tr><tr><td>2</td><td>A87B</td><td>16</td><td>GY</td><td>3561584C1</td></tr></tbody></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A87A	16	GY	3561584C1	2	A87B	16	GY	3561584C1																																													
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																															
1	A87A	16	GY	3561584C1																																																															
2	A87B	16	GY	3561584C1																																																															
PYROMETER CONTROL MODULE (15M) (LOCATED IN INSTRUMENT PANEL CENTER)  CONNECTOR 0255058C1				<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 rowspan="2">A</td><td>A25-G</td><td>18</td><td>WH</td><td rowspan="2">0879632R1</td></tr><tr><td>A25-GA</td><td>18</td><td>WH</td></tr><tr><td>B</td><td>A25</td><td>18</td><td>TN</td><td>0879630R1</td></tr><tr><td>C</td><td>A25A</td><td>18</td><td>TN</td><td>0879630R1</td></tr><tr><td>D</td><td>A25B</td><td>18</td><td>TN</td><td>0879630R1</td></tr></tbody></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A25-G	18	WH	0879632R1	A25-GA	18	WH	B	A25	18	TN	0879630R1	C	A25A	18	TN	0879630R1	D	A25B	18	TN	0879630R1																																
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																															
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B	A25	18	TN	0879630R1																																																															
C	A25A	18	TN	0879630R1																																																															
D	A25B	18	TN	0879630R1																																																															
HORN BUTTON (18M)  CONNECTOR 0188395R1				<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																																																		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																															
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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>MJV0</td><td>16MAR16</td><td>ADDED R/D 18M.</td><td>C</td><td>93408S</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></tbody></table>						CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	MJV0	16MAR16	ADDED R/D 18M.	C	93408S	300371	CIRCUIT DIAGRAM, PAYSTAR						RELEASE NO.	DATE						61879Y	17SEP09																																		
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					61879Y	17SEP09																																																													
PART NO. AE08058092 SHEET 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

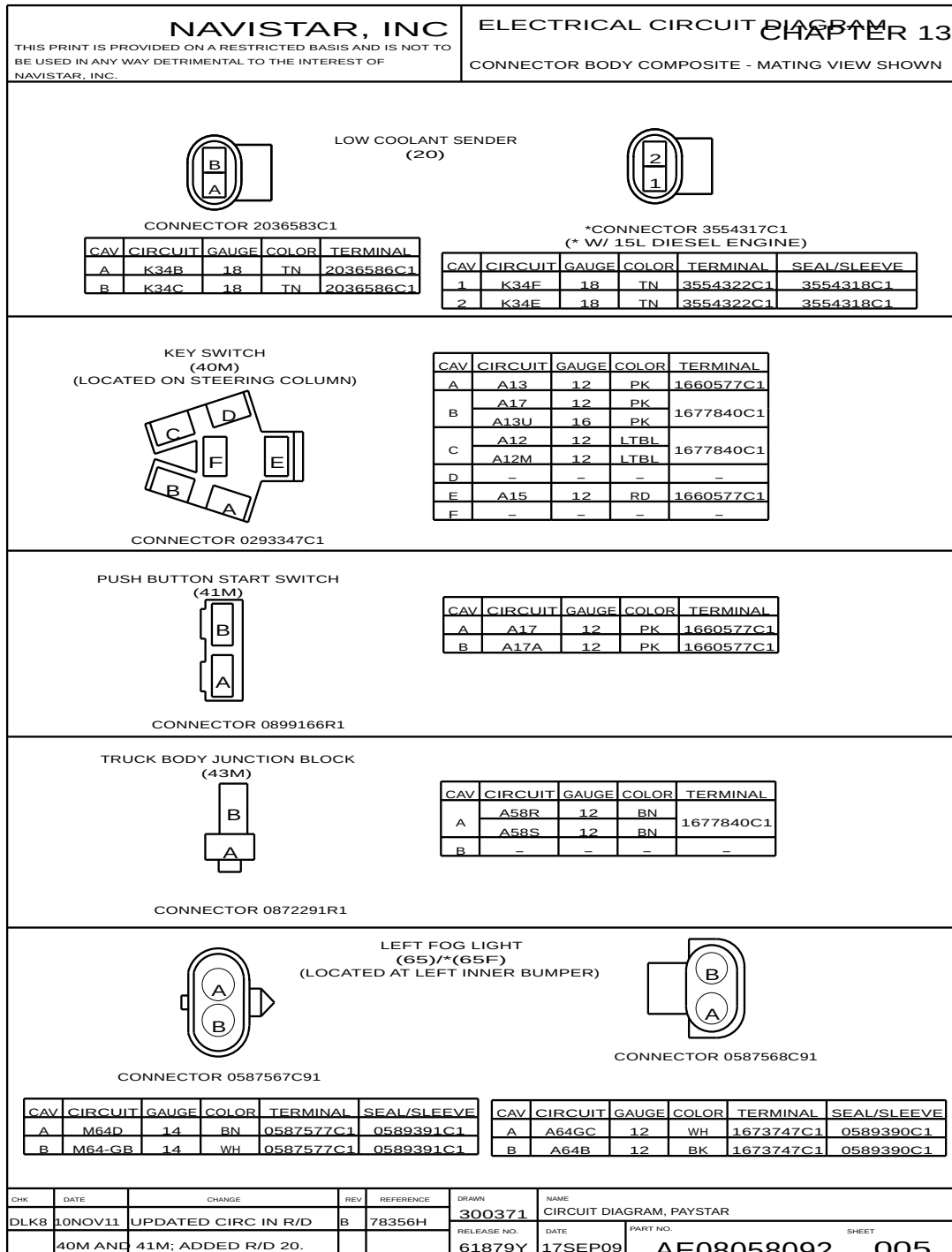


Figure 194 Connector Composites (20 / 40M / 41M / 43M / 65 / 65F)

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

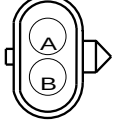
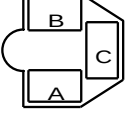
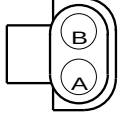
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM																											
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CHAPTER 13																											
				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																											
RIGHT FOG LIGHT (66F) (LOCATED AT RIGHT INNER BUMPER)																															
				<table border="1" style="width: 100%; border-collapse: collapse; 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>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; 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>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; 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>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)																															
				<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>M85-G</td> <td>16</td> <td>WH</td> <td>0587575C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M85B</td> <td>16</td> <td>GY</td> <td>0587575C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M85-G	16	WH	0587575C1	1652325C1	B	M85B	16	GY	0587575C1	1652325C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
A	M85-G	16	WH	0587575C1	1652325C1																										
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

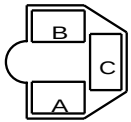
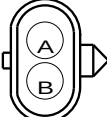
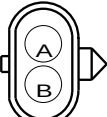
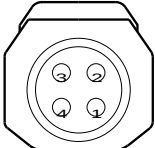
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																										
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																												
HARNESS ON SEALED HEADLIGHT ASSEMBLY  CONNECTOR 0261702C1				LEFT HEADLIGHT (W/ 9200, 9400 ONLY) (77) (LOCATED ON UNDERSIDE OF HOOD BY HEADLIGHT MODULE-LEFTSIDE) <table border="1" style="margin-top: 10px; 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="margin-top: 10px; 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																											
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B#	M57	16	OR	0587577C1	1652325C1																											
B*	M57C	16	OR	0587577C1	1652325C1																											
LEFT TURN, MARKER & PARK LIGHT (83F)  CONNECTOR 0587567C91				<table border="1" style="margin-top: 10px; 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="margin-top: 10px; 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="margin-top: 10px; 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="margin-top: 10px; 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

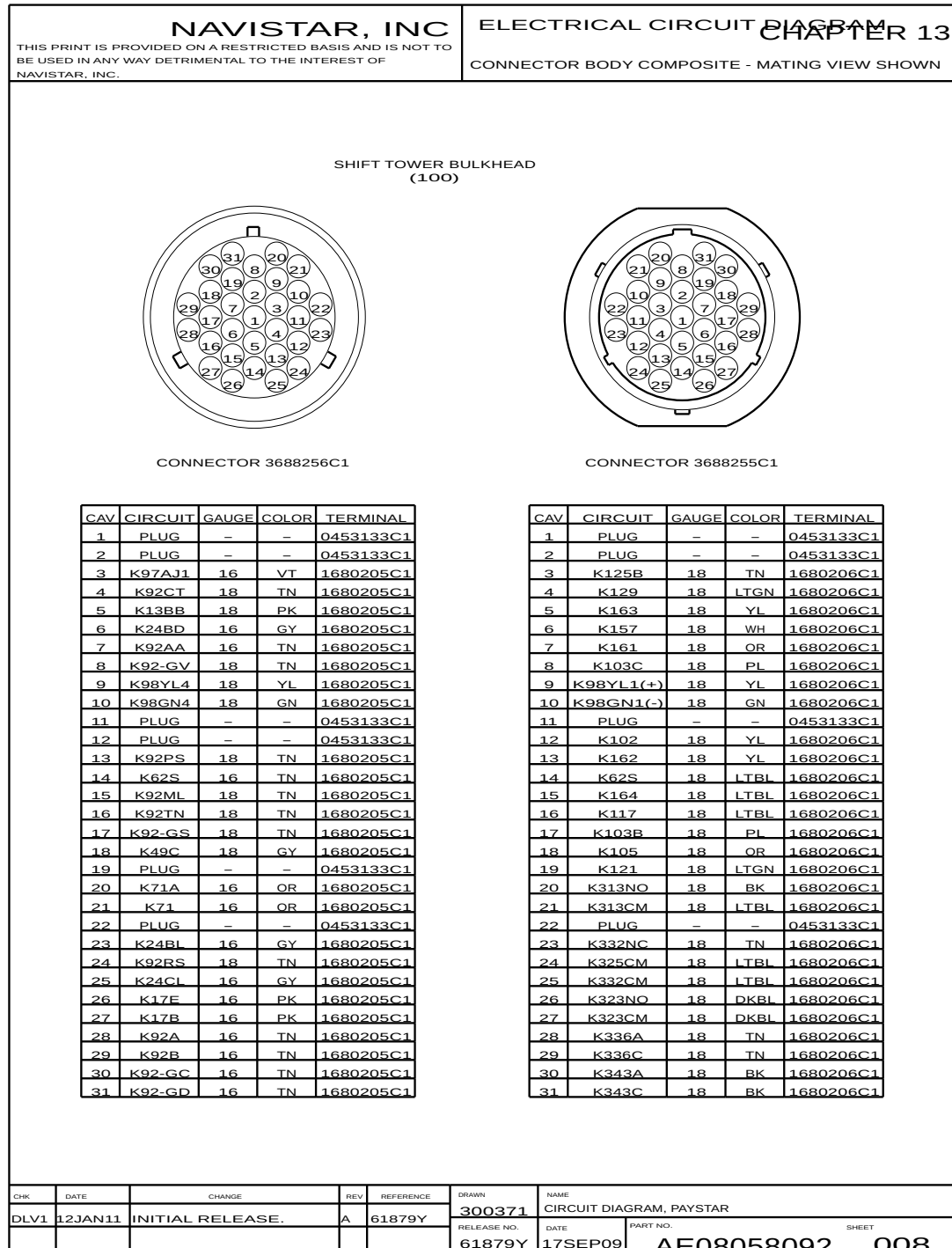


Figure 197 Connector Composites (100)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

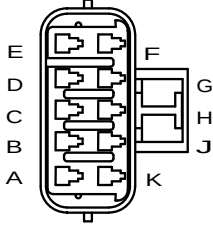
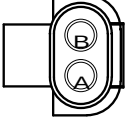
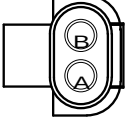
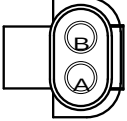
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																					
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																																																																				
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F	K163D	18	YL	1661875C1	3568570C1																																																																				
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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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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																																																																			
					RELEASE NO.	DATE	PART NO.																																																																		
					80616P	20JUN11	AE08058092 08A																																																																		

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

13.12. CONNECTOR COMPOSITES (105), P. 9

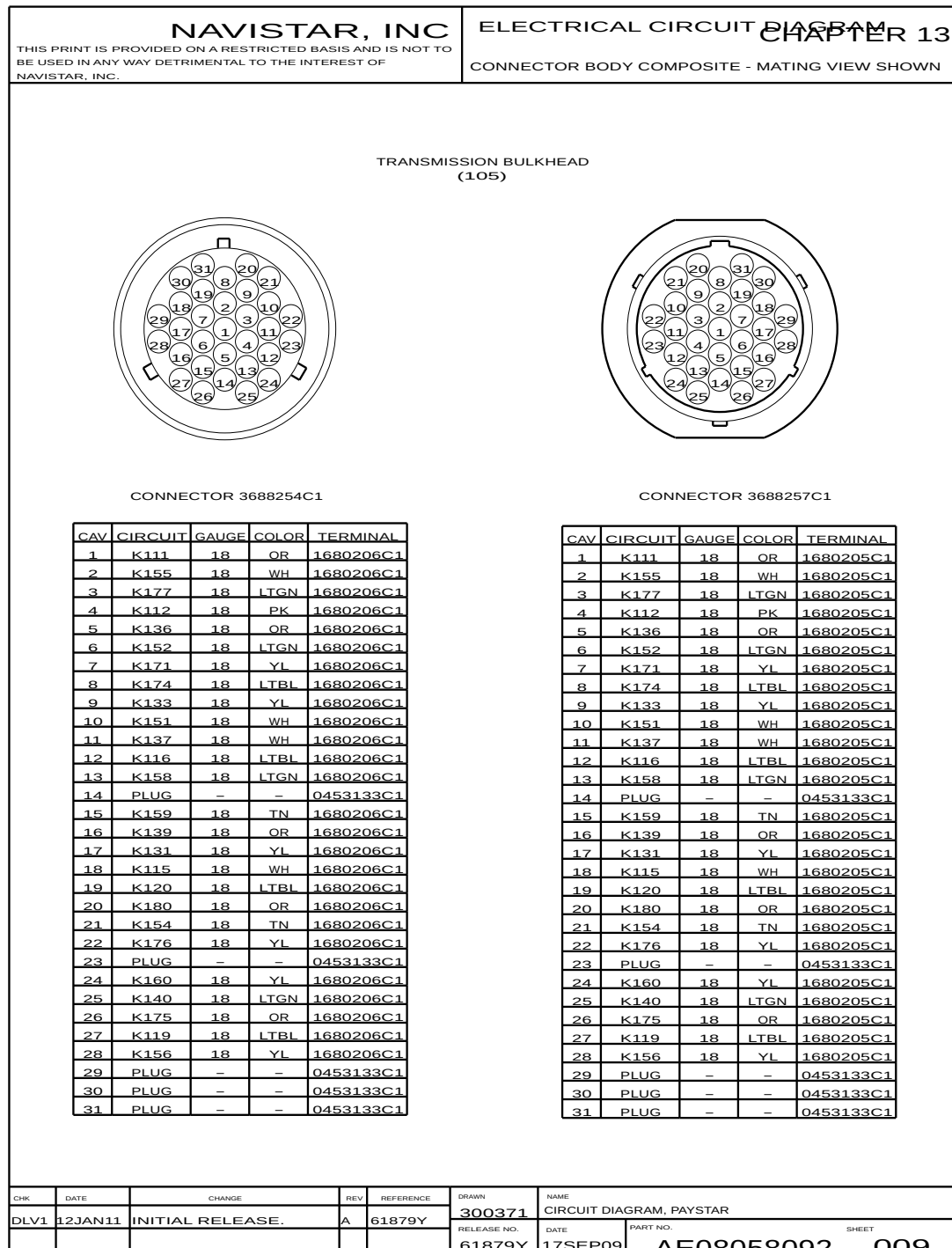


Figure 199 Connector Composites (105)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

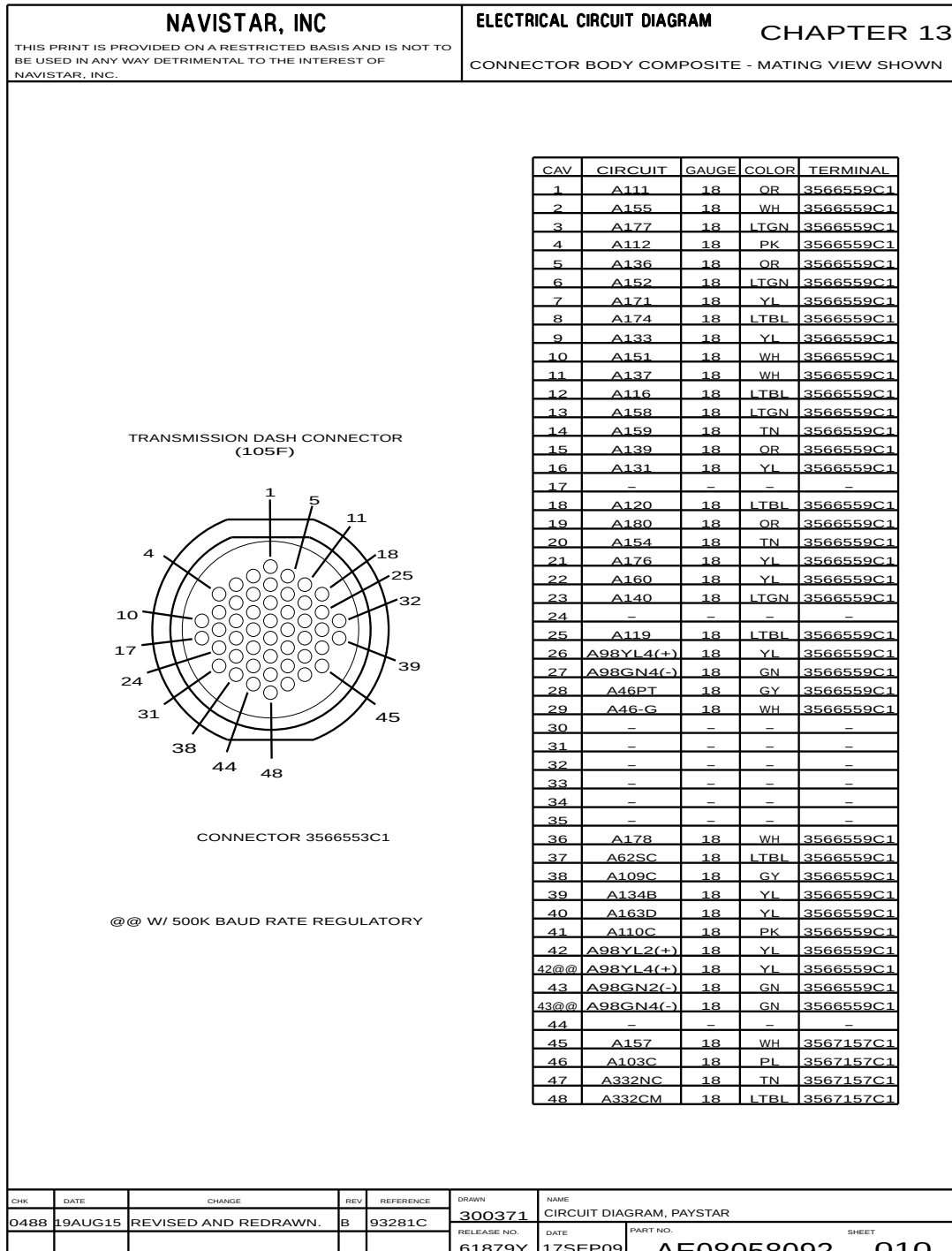


Figure 200 Connector Composites (105F)

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

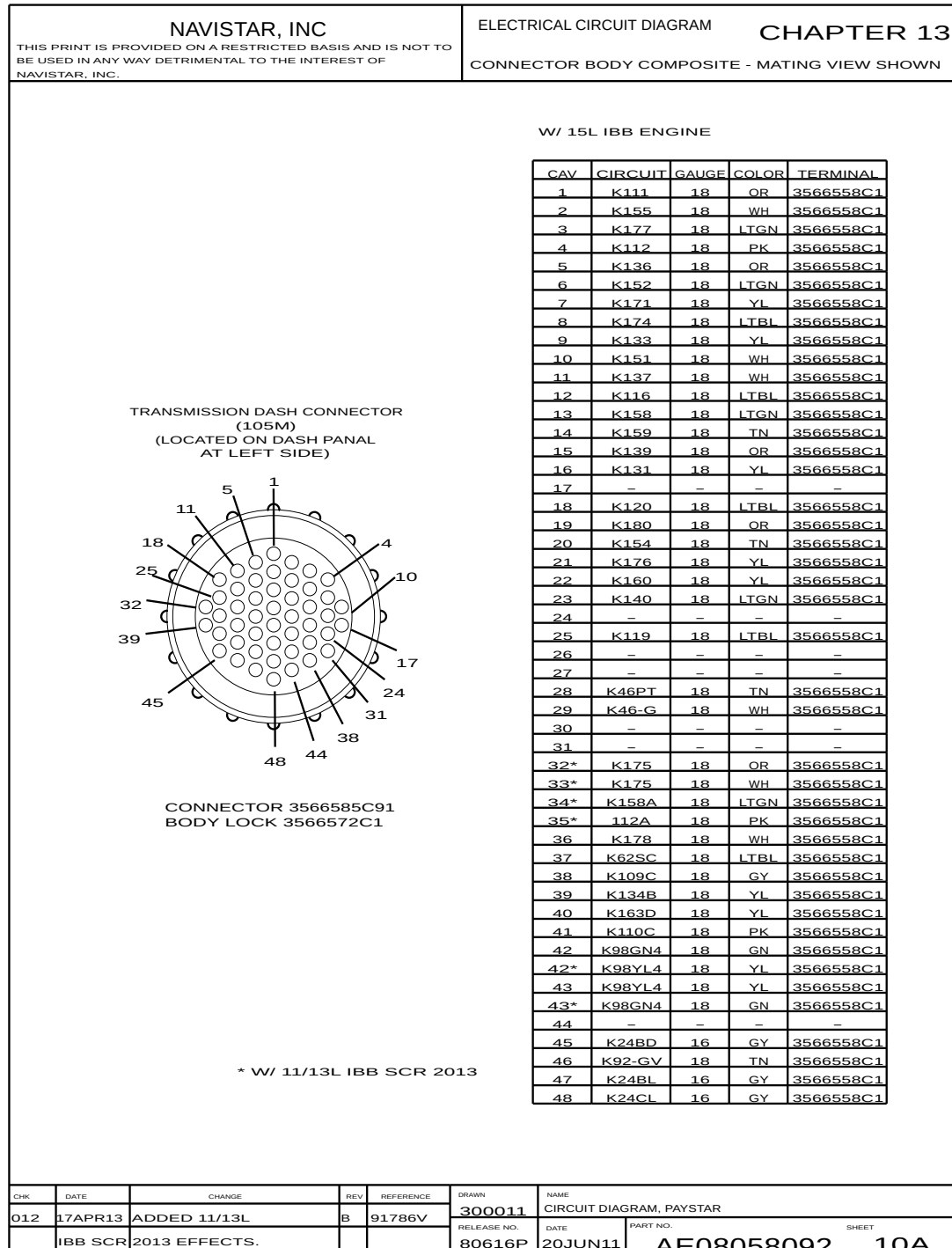


Figure 201 Connector Composites (105M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

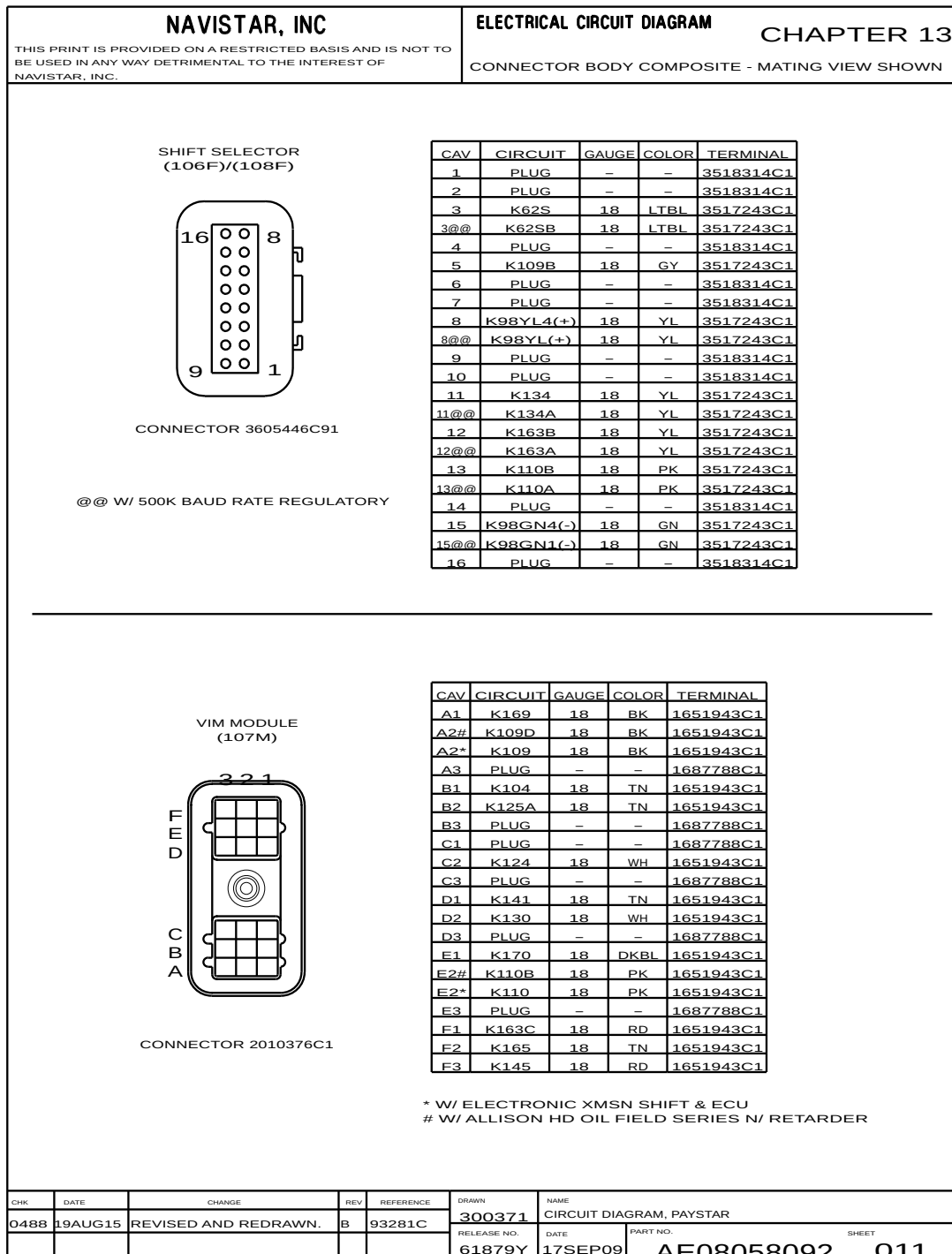


Figure 202 Connector Composites (106F / 107M / 108F)

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

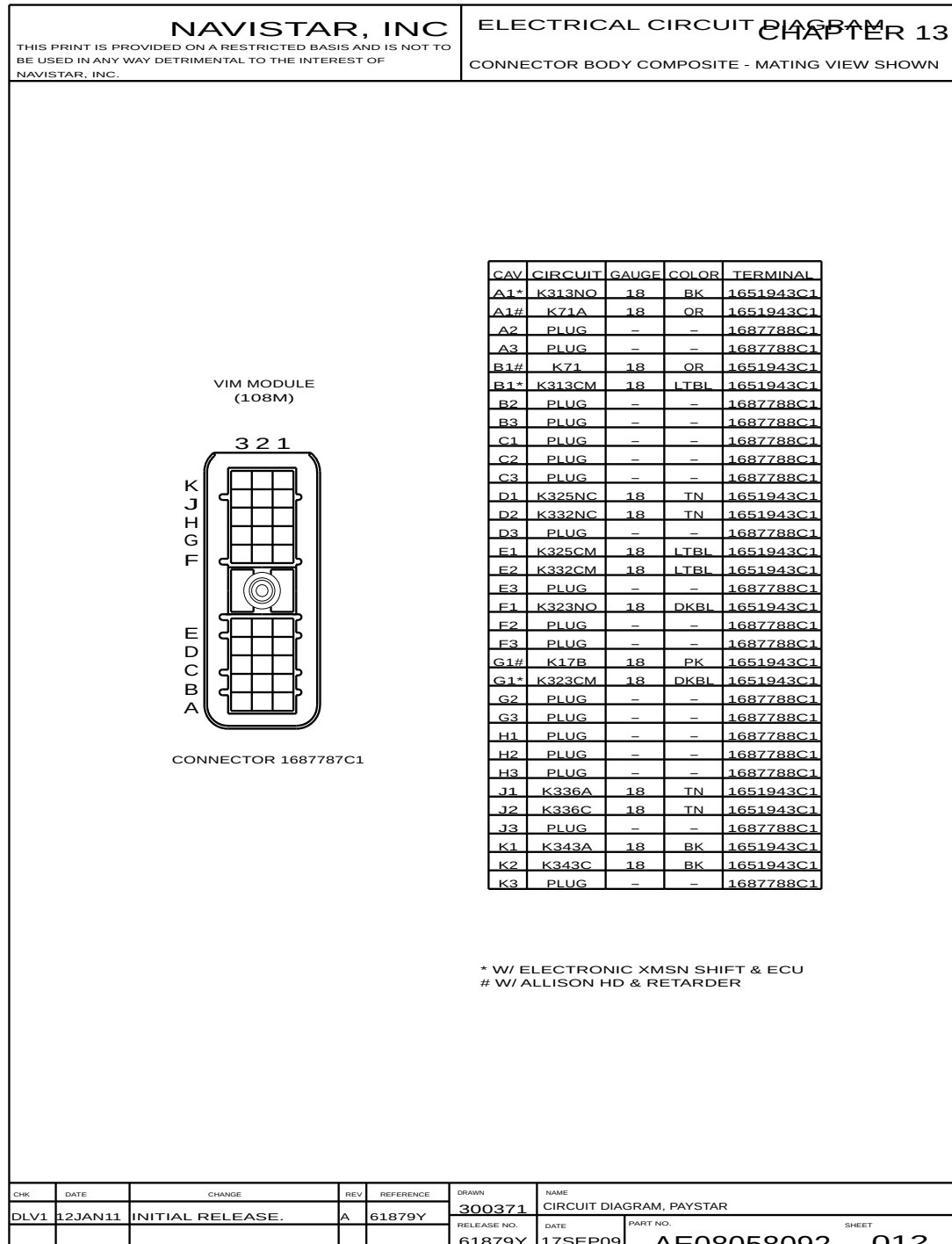


Figure 203 Connector Composites (108M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

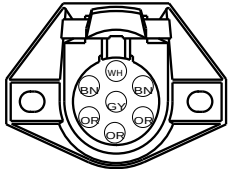
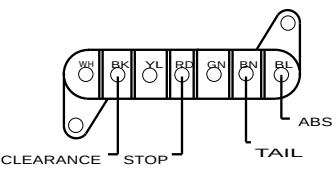
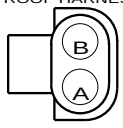
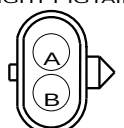
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																																
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TRAILER SOCKET (112) (LOCATED ON REAR OF SLEEPER OR END OF FRAME)  CONNECTOR (PLASTIC HOUSING) 3520417C1 CONNECTOR (DIE CAST HOUSING) 2009934C1 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																																																		
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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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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>					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														
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B*	A63Y	16	DKBL	0587575C1	0589391C1																																																
* W/ SKYRISE # N/ SKYRISE																																																					
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	013																																													

Figure 204 Connector Composites (112 / 113 / 115)

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

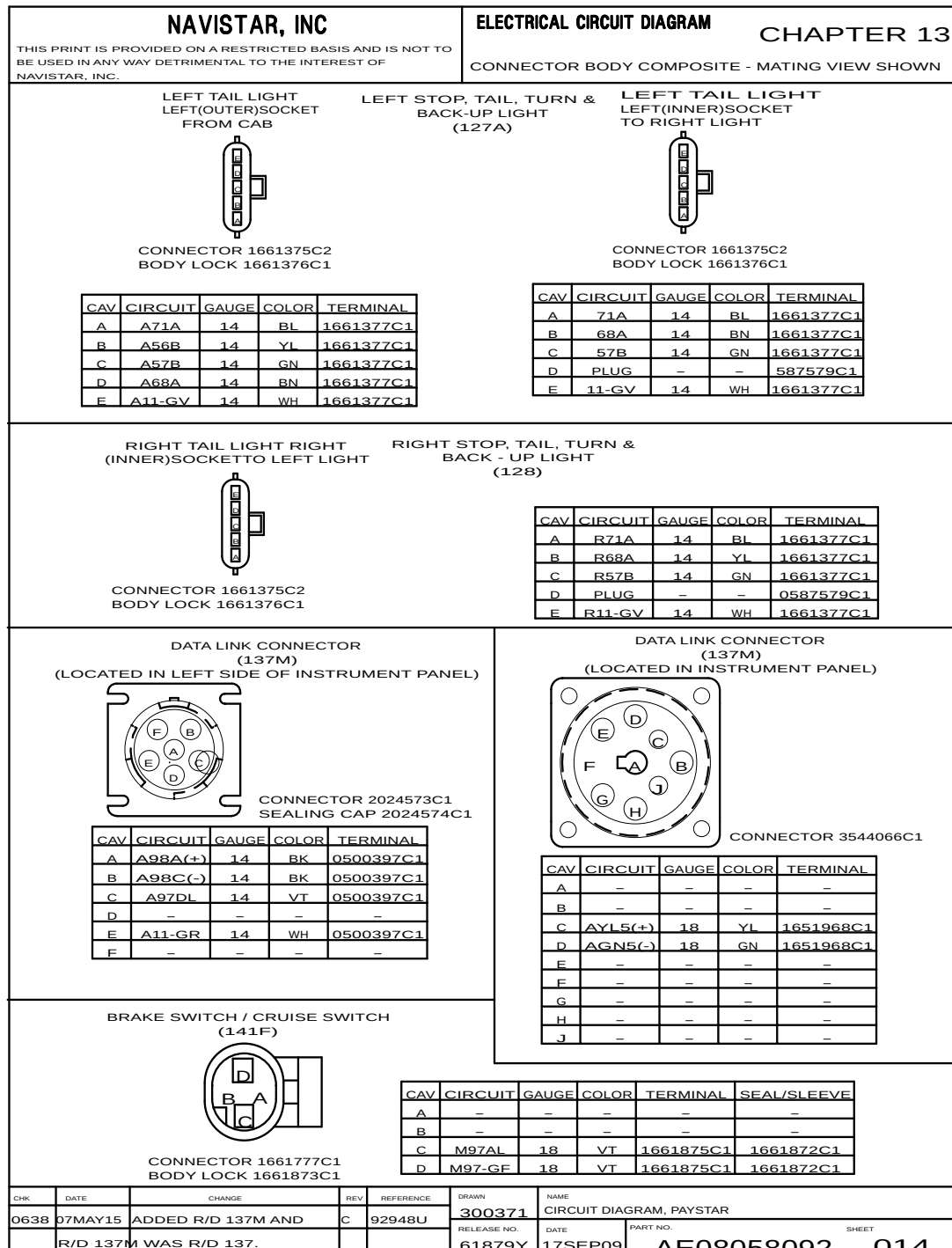


Figure 205 Connector Composites (127A / 128 / 137M / 141F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

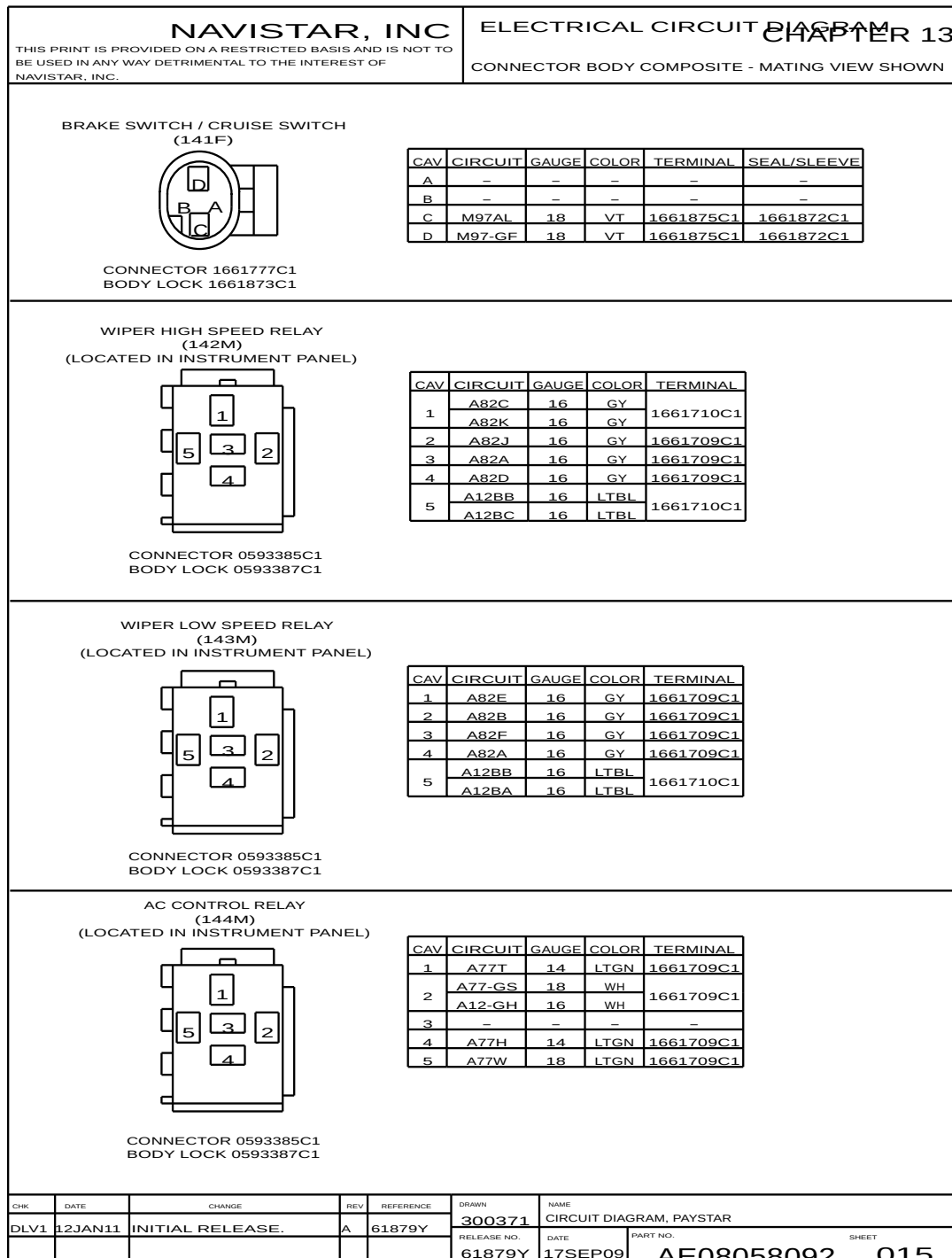


Figure 206 Connector Composites (141F / 142M / 143M / 144M)

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

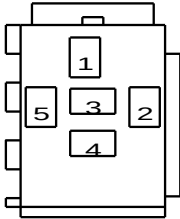
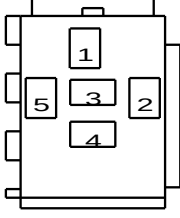
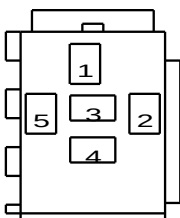
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																								
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																								
ACCESSORY FEED RELAY (145M) (LOCATED IN INSTRUMENT PANEL)  <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>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> CONNECTOR 0593385C1 BODY LOCK 0593387C1										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																																									
2	A12-GH	16	WH	1661709C1																																									
3	-	-	-	-																																									
4	A12AD	10	LTBL	1661710C1																																									
5	A12AC	12	LTBL	1661710C1																																									
AIR DRYER RELAY (146M) (LOCATED IN INSTRUMENT PANEL)  <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>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> CONNECTOR 0593385C1 BODY LOCK 0593387C1										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)  <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>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> CONNECTOR 0593385C1 BODY LOCK 0593387C1										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																																									
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																																									
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	016																																					

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

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

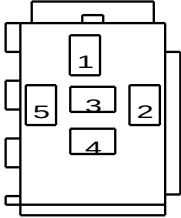
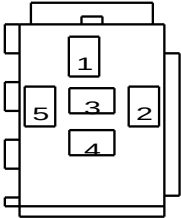
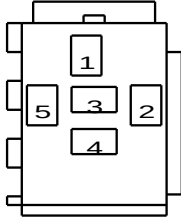
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																															
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ECM PARK BRAKE RELAY (148M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 0593385C1 BODY LOCK 0593387C1 <table border="1" style="width: 100%; border-collapse: collapse; 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																																	
1	A44EB	18	PK	1661709C1																																	
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																																	
1	A97CN	18	VT	1659673C1																																	
2	A97-GA	18	VT	1659673C1																																	
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

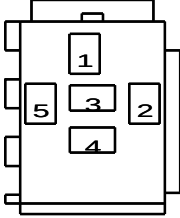
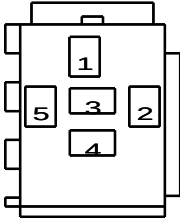
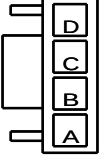
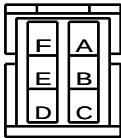
NAVISTAR, INC THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																																																						
CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																														
ABS POWER RELAY (152M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 0593385C1 BODY LOCK 0593387C1				<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>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
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																																																										
CLUTCH STARTER INTERLOCK RELAY (153M)/(153A)  CONNECTOR 0593385C1 BODY LOCK 0593387C1				<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>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																									
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																																																										
HEATER CONNECTOR #1 (161M)  CONNECTOR 1661204C1				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>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																														
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																																																										
HEATER CONNECTOR #2 (162F)  CONNECTOR 1661201C1				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>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																				
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																																																										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th colspan="2">NAME</th> </tr> <tr> <td>012</td> <td>17APR13</td> <td>ADDED: CIRC A94AH, A13CP</td> <td>B</td> <td>91786V</td> <td>300371</td> <td colspan="2">CIRCUIT DIAGRAM, PAYSTAR</td> </tr> <tr> <td colspan="5"></td> <td>RELEASE NO.</td> <td>DATE</td> <td>PART NO.</td> </tr> <tr> <td colspan="5"></td> <td>61879Y</td> <td>17SEP09</td> <td>AE08058092</td> </tr> </table>								CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		012	17APR13	ADDED: CIRC A94AH, A13CP	B	91786V	300371	CIRCUIT DIAGRAM, PAYSTAR							RELEASE NO.	DATE	PART NO.						61879Y	17SEP09	AE08058092																							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																								
012	17APR13	ADDED: CIRC A94AH, A13CP	B	91786V	300371	CIRCUIT DIAGRAM, PAYSTAR																																																								
					RELEASE NO.	DATE	PART NO.																																																							
					61879Y	17SEP09	AE08058092																																																							
						SHEET 018																																																								

Figure 209 Connector Composites (152M / 153A / 153M / 161M / 162F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

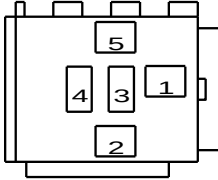
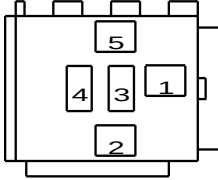
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																																						
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																						
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
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																																																							
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																				
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																																																							
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																														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																							
A	A56	12	OR	1677840C1																																																							
	A56D	12	OR	1677840C1																																																							
B	A56-GA	16	WH	0333733C1																																																							
RIGHT SIDE TURN LIGHT (171M) (LOCATED AT BEHIND INSTRUMENT PANEL RIGHT 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>A57</td> <td>12</td> <td>OR</td> <td>1677840C1</td> </tr> <tr> <td></td> <td>A57D</td> <td>12</td> <td>OR</td> <td>1677840C1</td> </tr> <tr> <td>B</td> <td>A57-GA</td> <td>16</td> <td>WH</td> <td>0188396R1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A57	12	OR	1677840C1		A57D	12	OR	1677840C1	B	A57-GA	16	WH	0188396R1																														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																							
A	A57	12	OR	1677840C1																																																							
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<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>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> </tbody> </table>										CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	DLV1	12JAN11	INITIAL RELEASE.	A	61879Y	300371	CIRCUIT DIAGRAM, PAYSTAR						RELEASE NO.	DATE						61879Y	17SEP09																						
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																					
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					RELEASE NO.	DATE																																																					
					61879Y	17SEP09																																																					
PART NO. AE08058092						SHEET 019																																																					

Figure 210 Connector Composites (165 / 167M / 170M / 171M)

13.24. CONNECTOR COMPOSITES (190), P. 20

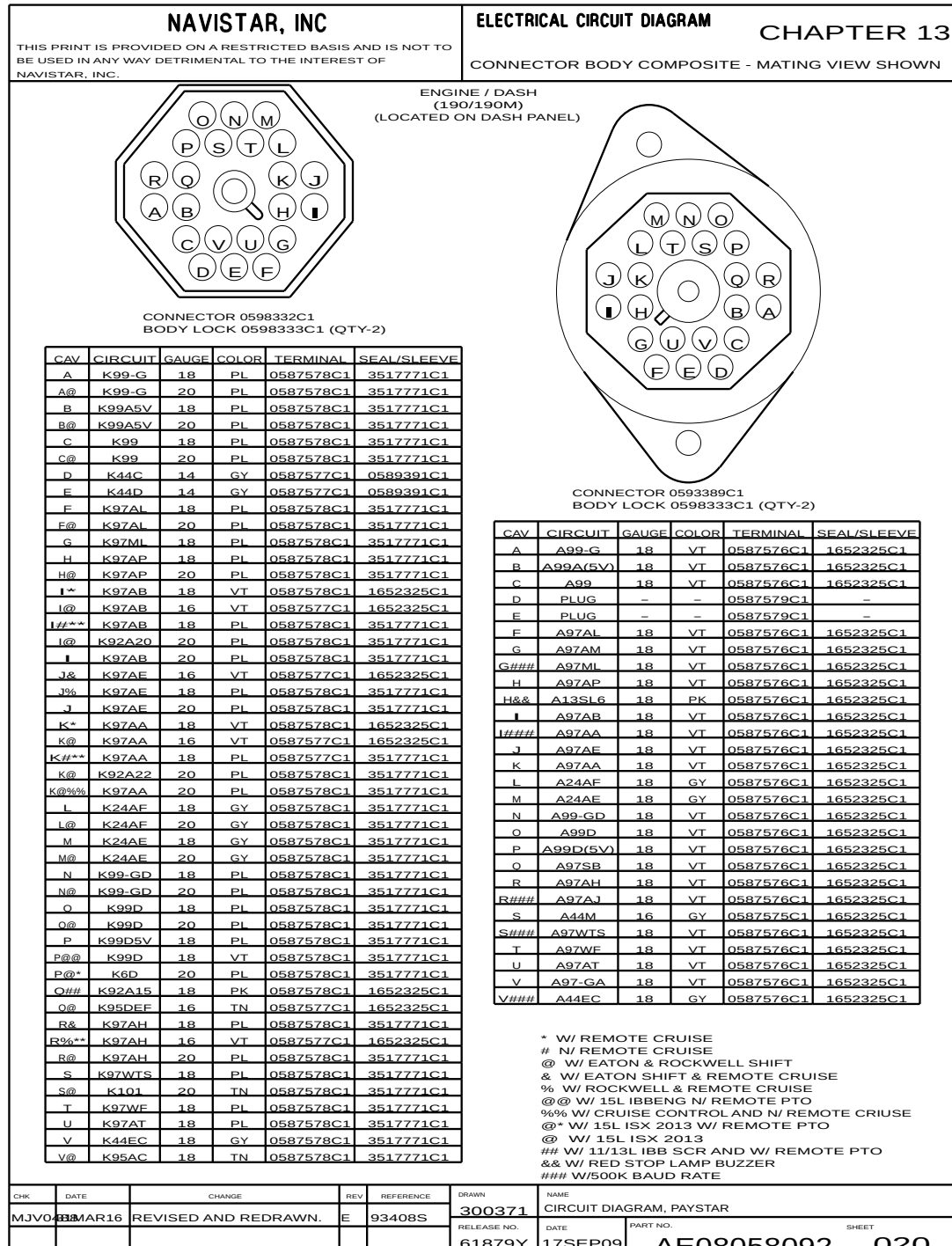


Figure 211 Connector Composites (190)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

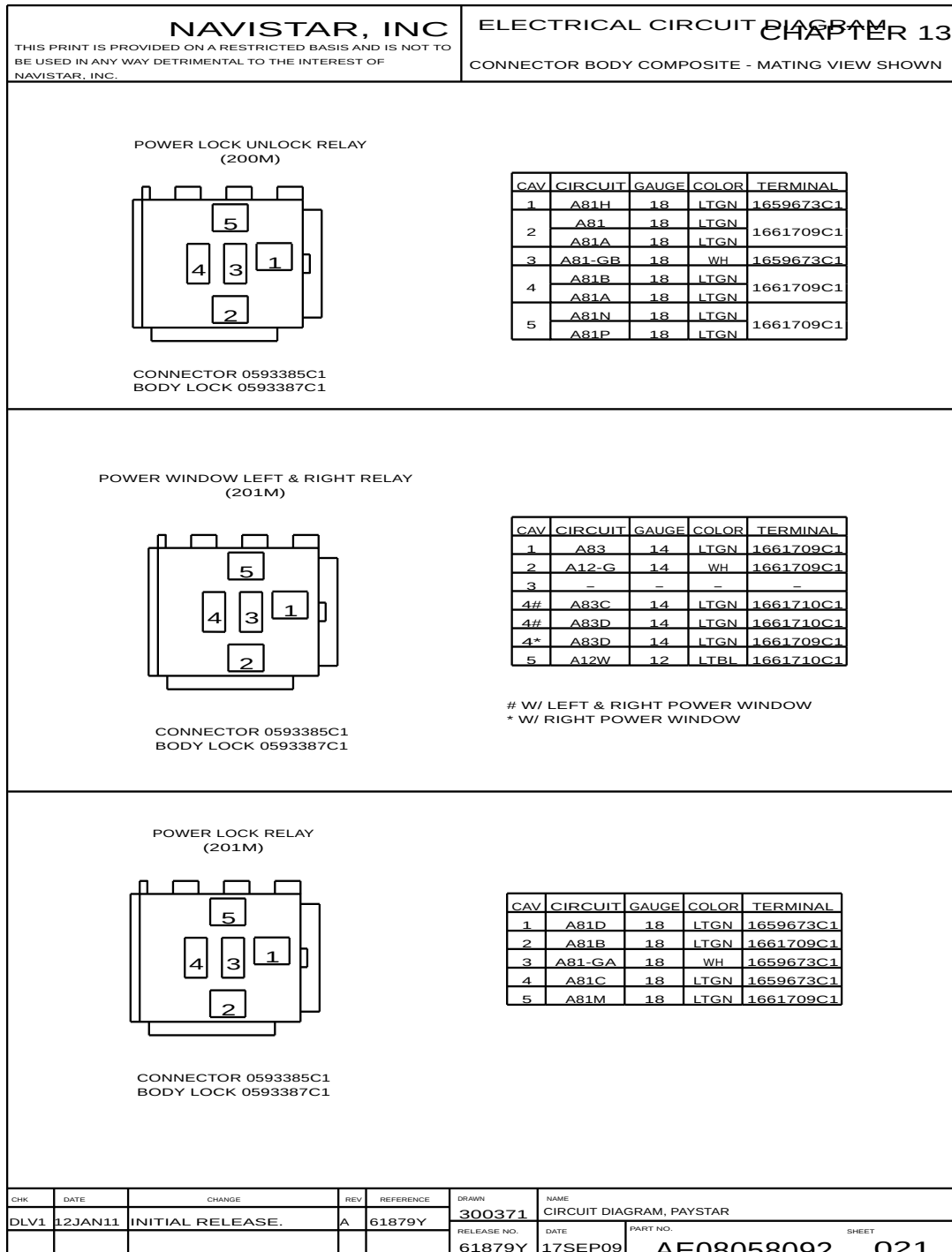


Figure 212 Connector Composites (200M / 201M)

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

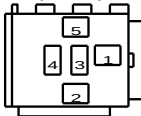
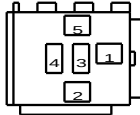
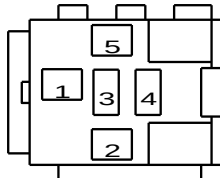
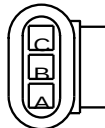
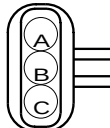
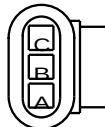
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																																							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																											
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

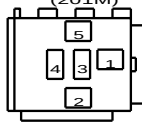
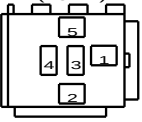
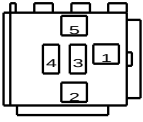
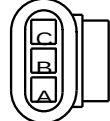
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																																						
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																										
BUZZER (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>BROWN</td><td>16</td><td>BN</td><td>1661709C1</td></tr><tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>3</td><td>A44</td><td>16</td><td>GY</td><td>1661710C1</td></tr><tr><td>3</td><td>BLACK</td><td>16</td><td>BK</td><td>1661710C1</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></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	BROWN	16	BN	1661709C1	2	-	-	-	-	3	A44	16	GY	1661710C1	3	BLACK	16	BK	1661710C1	4	-	-	-	-	5	-	-	-	-				
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				<table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr><tr><td>1</td><td>A77AC</td><td>16</td><td>LT GN</td><td>1661709C1</td></tr><tr><td>2</td><td>A77-GAB</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>A77AD</td><td>16</td><td>LT GN</td><td>1661709C1</td></tr><tr><td>5</td><td>A77AB</td><td>16</td><td>PK</td><td>1661709C1</td></tr></table>				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									
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				<table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr><tr><td>1@</td><td>A13SL3</td><td>18</td><td>PK</td><td>1659673C1</td></tr><tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>3@</td><td>A13SL1</td><td>18</td><td>PK</td><td>1659673C1</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></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1@	A13SL3	18	PK	1659673C1	2	-	-	-	-	3@	A13SL1	18	PK	1659673C1	4	-	-	-	-	5	-	-	-	-	@ W/ RED STOP LAMP BUZZER								
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																										
1@	A13SL3	18	PK	1659673C1																																										
2	-	-	-	-																																										
3@	A13SL1	18	PK	1659673C1																																										
4	-	-	-	-																																										
5	-	-	-	-																																										
J1939 TERMINATING RESISTER 250K (204) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 1667741C1 BODY LOCK 1667771C1				<table><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>A5K(+)</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>-</td><td>2025431C1</td></tr><tr><td>C</td><td>A5K(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	A	A5K(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	-	2025431C1	C	A5K(-)	18	GN	1661875C1	3568570C1															
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				<table><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>A5M(+)</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>-</td><td>2025431C1</td></tr><tr><td>C</td><td>A5M(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	A	A5M(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	-	2025431C1	C	A5M(-)	18	GN	1661875C1	3568570C1															
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

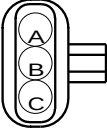
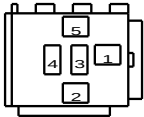
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																						
J1939 500K BACKBONE (205G)																																											
					<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																																						
CONNECTOR 1667740C1 BODY LOCK 166771C1																																											
DIFF LOCK RELAY (205M) (LOCATED IN INSTRUMENT PANEL)																																											
					<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																																							
CONNECTOR 0593385C1																																											
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

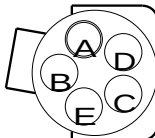
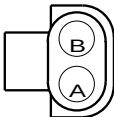
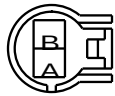
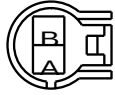
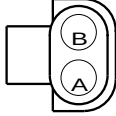
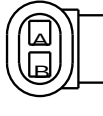
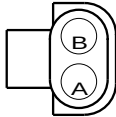
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																											
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BLOWER MOTOR (209) (CONNECTION AT MOTOR)  CONNECTOR 1669972C1				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <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																																											
IN R/D 211M.					RELEASE NO.	DATE	PART NO.																																										
					61879Y	17SEP09	AE08058092 023																																										

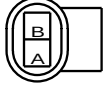
Figure 216 Connector Composites (209 / 211M / 214 / 221)

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

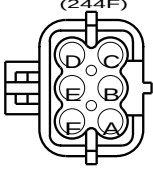
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN									
 FAN SOLENOID (227) (LOCATED ON ENGINE) CONNECTOR 0587568C91					 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	1652325C1	#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> <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>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> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th> </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					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th> </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> * W/15L DIESEL ENGINE							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					<table border="1" style="width: 100%; border-collapse: collapse;"> <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>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> * W/ ROCKWELL & REMOTE CRUISE # W/ REMOTE CRUISE @ W/ 11/13L IBB SCR 2013							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	RELEASE NO.	DATE	PART NO.	SHEET
012	17APR13	ADDED CIRC:K23C,K23-G	C	91786V	300371	CIRCUIT DIAGRAM, PAYSTAR	61879Y	17SEP09	AE08058092	024
	IN R/D 228 & K97-GA,K97-GC IN		R/D 244F.							

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

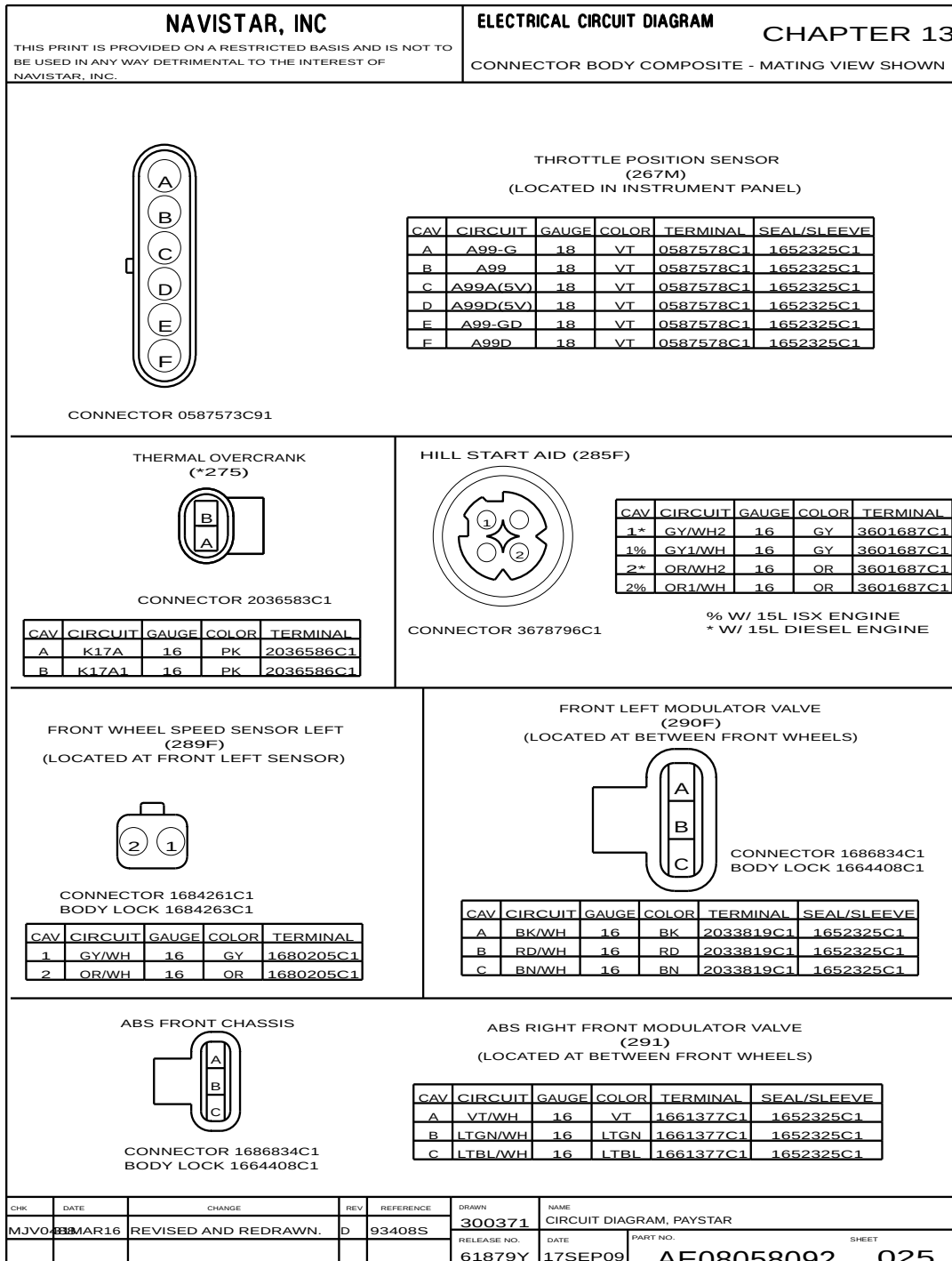


Figure 218 Connector Composites (267M / *275 / 289F / 290F / 291)

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

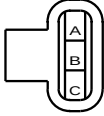
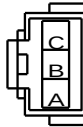
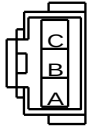
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																											
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																													
RIGHT FRONT MODULATOR VALVE (291F) (LOCATED AT BETWEEN FRONT WHEELS)  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>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>									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)  CONNECTOR 1684261C1 BODY LOCK 1684263C1 <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>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>									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="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>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> STARTER INTERLOCK SWITCH (294A)  CONNECTOR 1661199C1 <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>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	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							
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="width: 100%; border-collapse: collapse; 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="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>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																																														
<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>012</td> <td>17APR13</td> <td>ADDED R/D 294A.</td> <td>C</td> <td>91786V</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>026</td> </tr> </tbody> </table>									CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	012	17APR13	ADDED R/D 294A.	C	91786V	300371	CIRCUIT DIAGRAM, PAYSTAR						RELEASE NO.	DATE						61879Y	17SEP09						PART NO.	SHEET						AE08058092	026
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																												
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Figure 219 Connector Composites (291F / 292F / 294A / 294F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

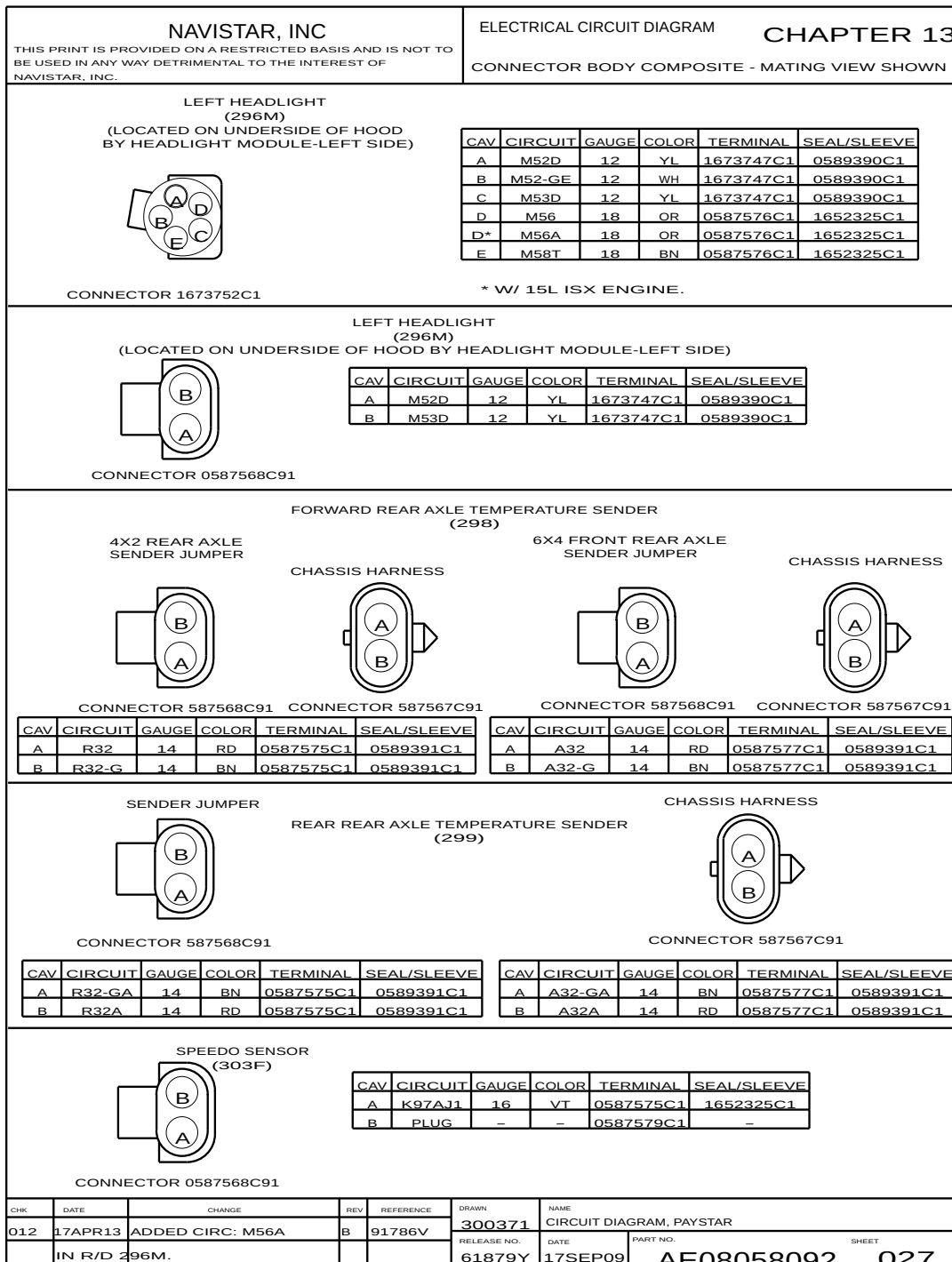


Figure 220 Connector Composites (296M / 298 / 299 / 303F)

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

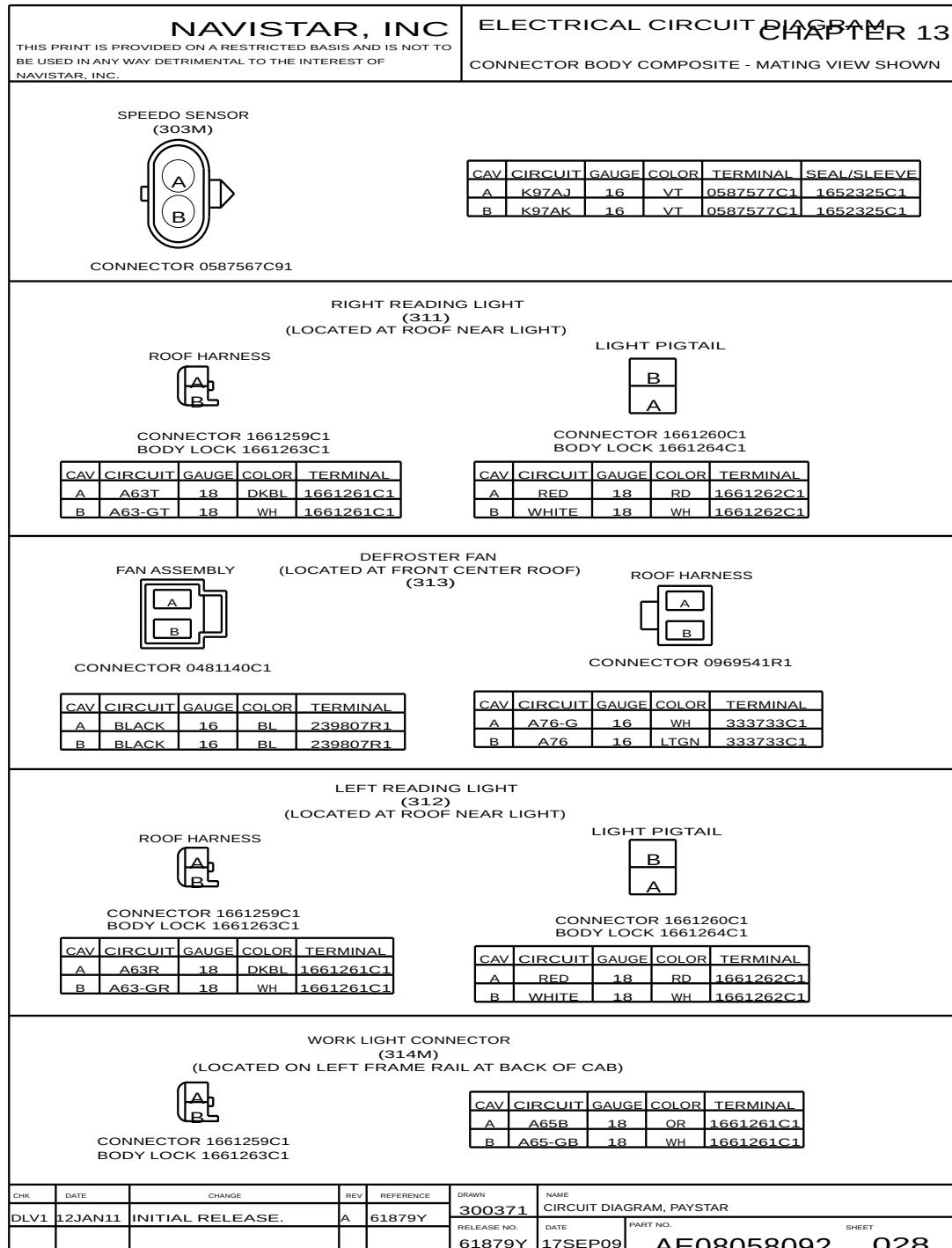


Figure 221 Connector Composites (303M / 311 / 312 / 313 / 314M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

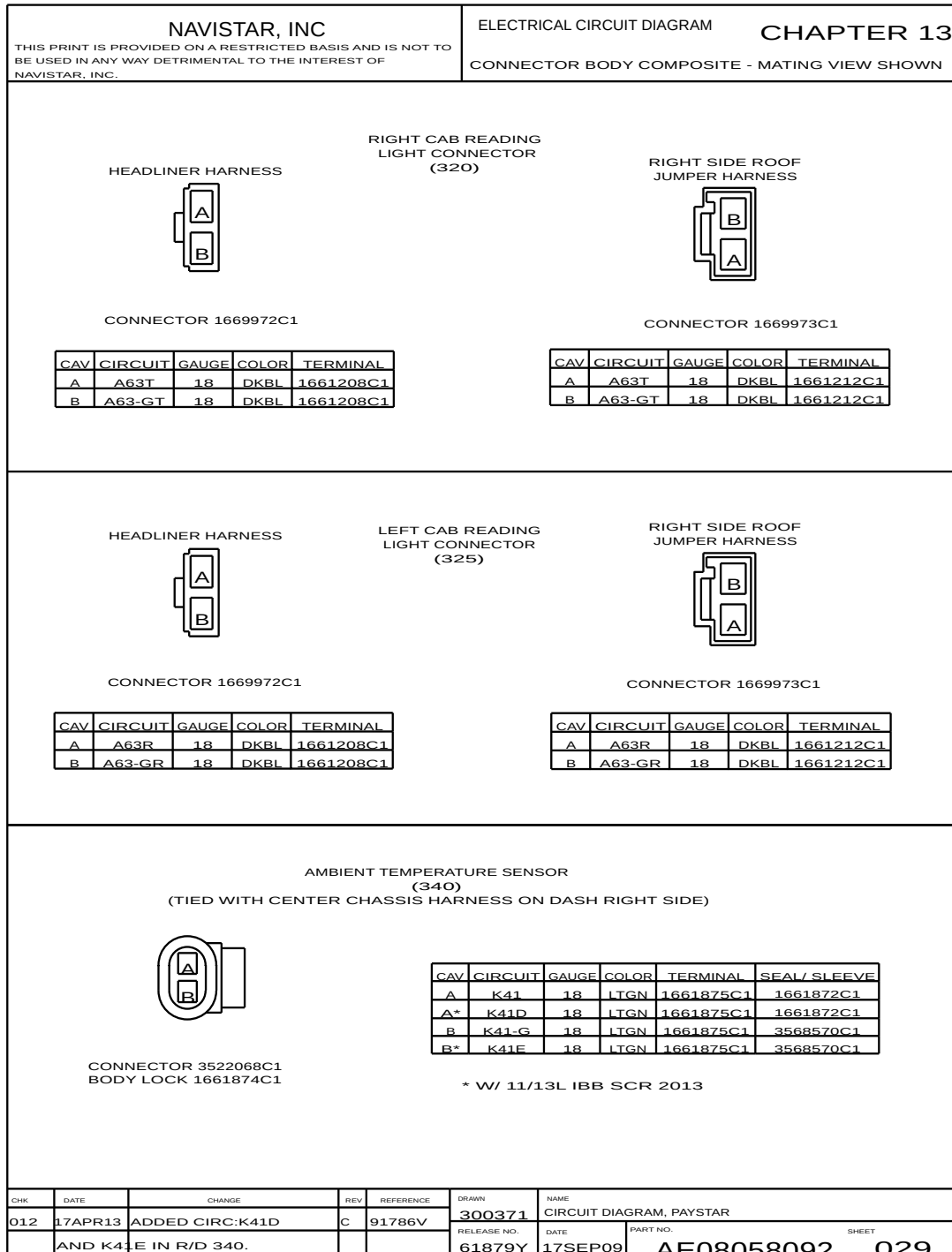


Figure 222 Connector Composites (320 / 325 / 340)

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

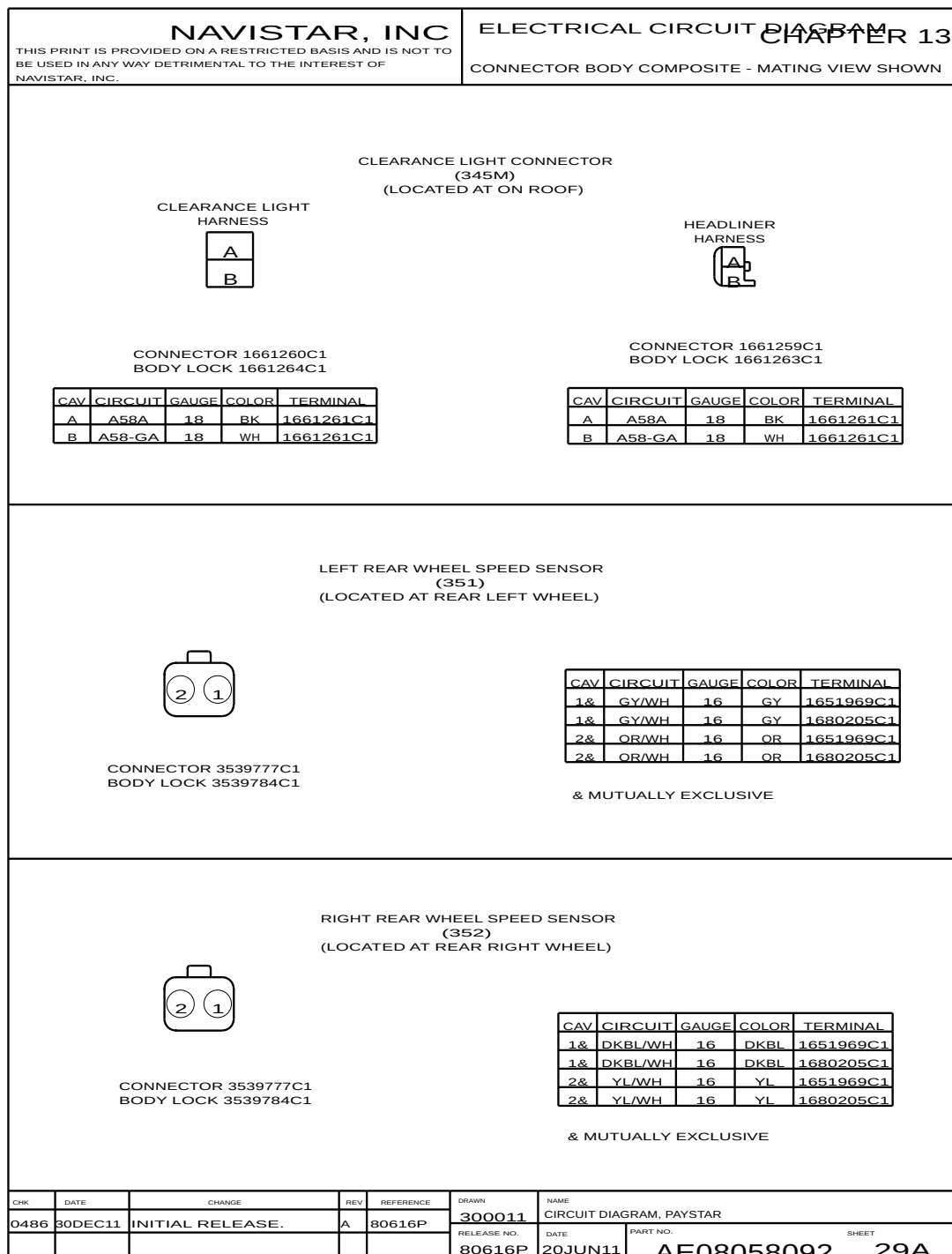


Figure 223 Connector Composites (345M / 351 / 352)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

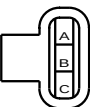
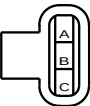
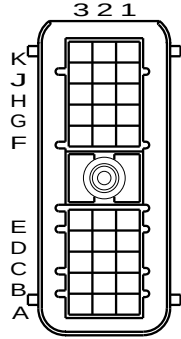
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																																																																																																																																												
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																																																																																												
LEFT REAR MODULATOR VALVE (353) (LOCATED AT BACK SIDE OF DOGBONE CROSSMEMBER)  <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>BK/WH</td> <td>16</td> <td>BK</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>RD/WH</td> <td>16</td> <td>RD</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>BN/WH</td> <td>16</td> <td>BN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> CONNECTOR 1686834C1 BODY LOCK 1664408C1							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	BK/WH	16	BK	2033819C1	1652325C1	B	RD/WH	16	RD	2033819C1	1652325C1	C	BN/WH	16	BN	2033819C1	1652325C1																																																																																																																																			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																																																																																												
A	BK/WH	16	BK	2033819C1	1652325C1																																																																																																																																																												
B	RD/WH	16	RD	2033819C1	1652325C1																																																																																																																																																												
C	BN/WH	16	BN	2033819C1	1652325C1																																																																																																																																																												
RIGHT REAR MODULATOR VALVE (354) (LOCATED AT BACK SIDE OF DOGBONE CROSSMEMBER)  <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																																																																																																																																			
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ABS / ATC ECU (355) (INSIDE RT FRAME RAIL) (INSIDE CAB AFTER 9/00) FRONT ABS / ATC CHASSIS HARNESS (LOCATED AT INSIDE RIGHT FRAME RAIL)  CONNECTOR 3554087C1 <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>A1*</td><td>A94GL1</td><td>16</td><td>WH</td><td>3565443C1</td></tr> <tr><td>A2*</td><td>A94GL2</td><td>16</td><td>WH</td><td>3565443C1</td></tr> <tr><td>A3*</td><td>A94GL3</td><td>16</td><td>WH</td><td>3565443C1</td></tr> <tr><td>B1</td><td>A94KA</td><td>16</td><td>GY</td><td>3565443C1</td></tr> <tr><td>B2</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>B3</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>C1</td><td>A94BH</td><td>18</td><td>LTGN</td><td>3565443C1</td></tr> <tr><td>C2</td><td>A94BD</td><td>18</td><td>GY</td><td>3565443C1</td></tr> <tr><td>C3</td><td>YL1(+)</td><td>18</td><td>YL</td><td>3565443C1</td></tr> <tr><td>D1</td><td>A94BJ</td><td>18</td><td>LTBL</td><td>3565443C1</td></tr> <tr><td>D2</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>D3</td><td>GN1(-)</td><td>18</td><td>GN</td><td>3565443C1</td></tr> <tr><td>E1</td><td>A94CB</td><td>18</td><td>VT</td><td>3565443C1</td></tr> <tr><td>E2</td><td>A94T</td><td>18</td><td>GY</td><td>3565443C1</td></tr> <tr><td>E3</td><td>A94H</td><td>16</td><td>GY</td><td>3565443C1</td></tr> <tr><td>F1</td><td>A94BK</td><td>18</td><td>BK</td><td>3565443C1</td></tr> <tr><td>F2</td><td>A94BE</td><td>18</td><td>GY</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>A94BM</td><td>18</td><td>BN</td><td>3565443C1</td></tr> <tr><td>G2</td><td>A98J(+)</td><td>16</td><td>BK</td><td>3565443C1</td></tr> <tr><td>G3</td><td>A98K(-)</td><td>16</td><td>BK</td><td>3565443C1</td></tr> <tr><td>H1</td><td>A94BL</td><td>18</td><td>RD</td><td>3565443C1</td></tr> <tr><td>H2</td><td>A94BF</td><td>18</td><td>DKBL</td><td>3565443C1</td></tr> <tr><td>H3</td><td>A94BB</td><td>18</td><td>VL</td><td>3565443C1</td></tr> <tr><td>J1</td><td>A94BC</td><td>18</td><td>GY</td><td>3565443C1</td></tr> <tr><td>J2</td><td>A94BF</td><td>18</td><td>BK</td><td>3565443C1</td></tr> <tr><td>J3</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td></tr> <tr><td>K1</td><td>A94VT</td><td>16</td><td>GY</td><td>3565443C1</td></tr> <tr><td>K2</td><td>A94KB</td><td>16</td><td>GY</td><td>3565443C1</td></tr> <tr><td>K3</td><td>A94KC</td><td>16</td><td>GY</td><td>3565443C1</td></tr> </tbody> </table> * W/ J1939 DATA - LINK							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A1*	A94GL1	16	WH	3565443C1	A2*	A94GL2	16	WH	3565443C1	A3*	A94GL3	16	WH	3565443C1	B1	A94KA	16	GY	3565443C1	B2	PLUG	-	-	3554386C1	B3	PLUG	-	-	3554386C1	C1	A94BH	18	LTGN	3565443C1	C2	A94BD	18	GY	3565443C1	C3	YL1(+)	18	YL	3565443C1	D1	A94BJ	18	LTBL	3565443C1	D2	PLUG	-	-	3554386C1	D3	GN1(-)	18	GN	3565443C1	E1	A94CB	18	VT	3565443C1	E2	A94T	18	GY	3565443C1	E3	A94H	16	GY	3565443C1	F1	A94BK	18	BK	3565443C1	F2	A94BE	18	GY	3565443C1	F3	PLUG	-	-	3554386C1	G1	A94BM	18	BN	3565443C1	G2	A98J(+)	16	BK	3565443C1	G3	A98K(-)	16	BK	3565443C1	H1	A94BL	18	RD	3565443C1	H2	A94BF	18	DKBL	3565443C1	H3	A94BB	18	VL	3565443C1	J1	A94BC	18	GY	3565443C1	J2	A94BF	18	BK	3565443C1	J3	PLUG	-	-	3554386C1	K1	A94VT	16	GY	3565443C1	K2	A94KB	16	GY	3565443C1	K3	A94KC	16	GY	3565443C1
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Figure 224 Connector Composites (353 / 354 / 355)

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

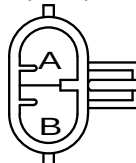
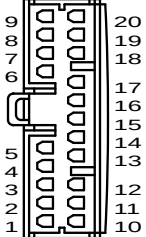
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13																																																																																																													
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																																																		
ATC SOLENOID (360) (LOCATED ON LEFT FRAME RAIL UNDER CAB)																																																																																																																							
					<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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Figure 225 Connector Composites (360 / 393 / 393B / 412A / 420M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

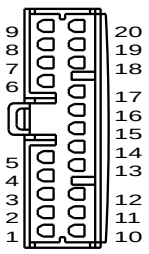
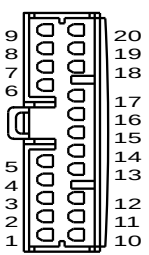
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Figure 226 Connector Composites (421M / 422M)

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

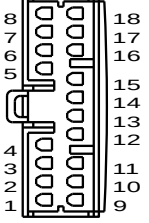
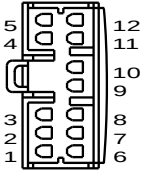
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9	A27S(+)	18	TN	2018639C1																																																																																																												
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11	A27C(+)	18	TN	2018639C1																																																																																																												
12	A27C(-)	18	TN	2018639C1																																																																																																												
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																																										
0488	09SEP15	ADDED CIRC A97ML AND	D	93248U	300371	CIRCUIT DIAGRAM, PAYSTAR																																																																																																										
A94T IN R/D 423M.					RELEASE NO.	DATE	PART NO.																																																																																																									
					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

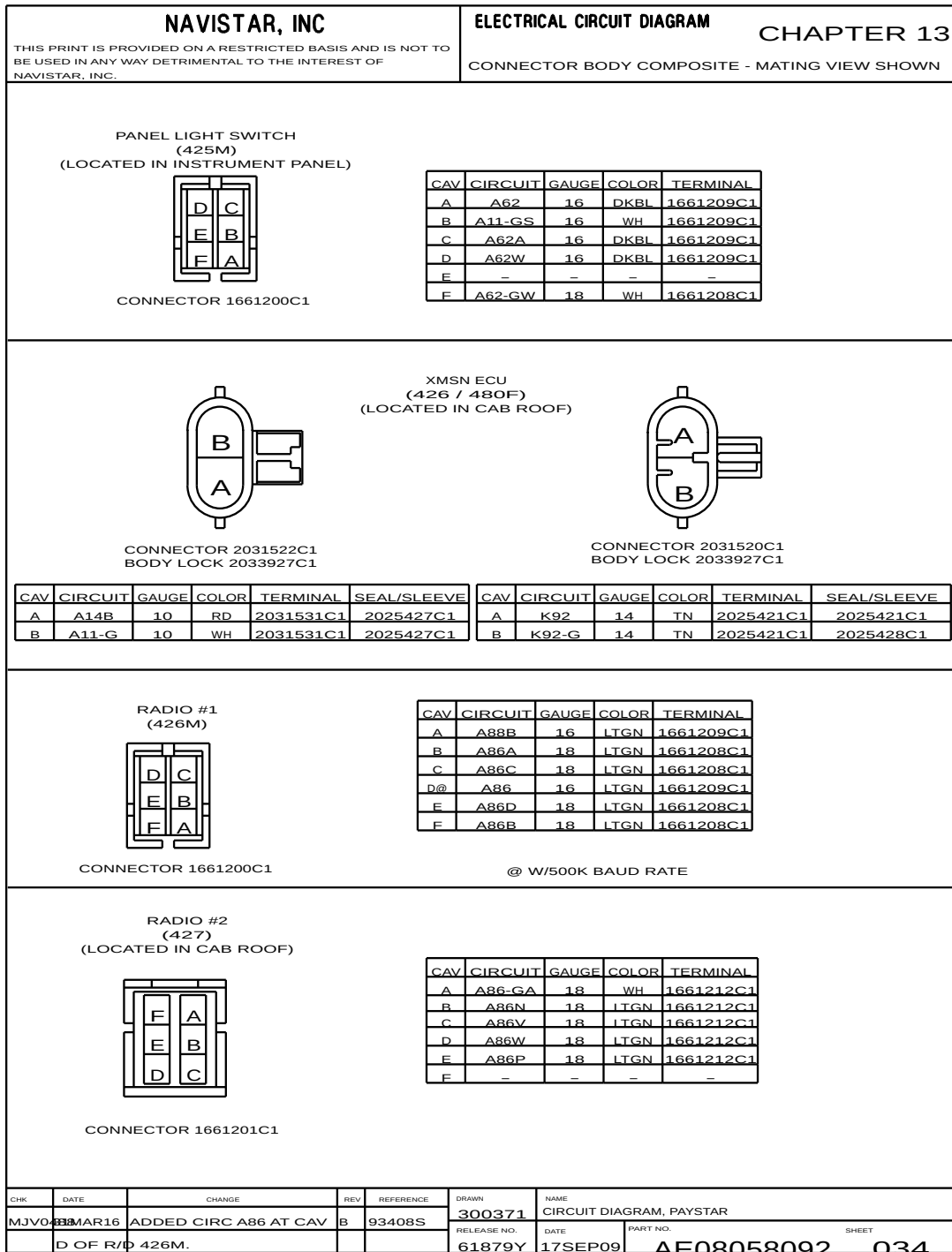


Figure 228 Connector Composites (425M / 426 / 426M / 427 / 480F)

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

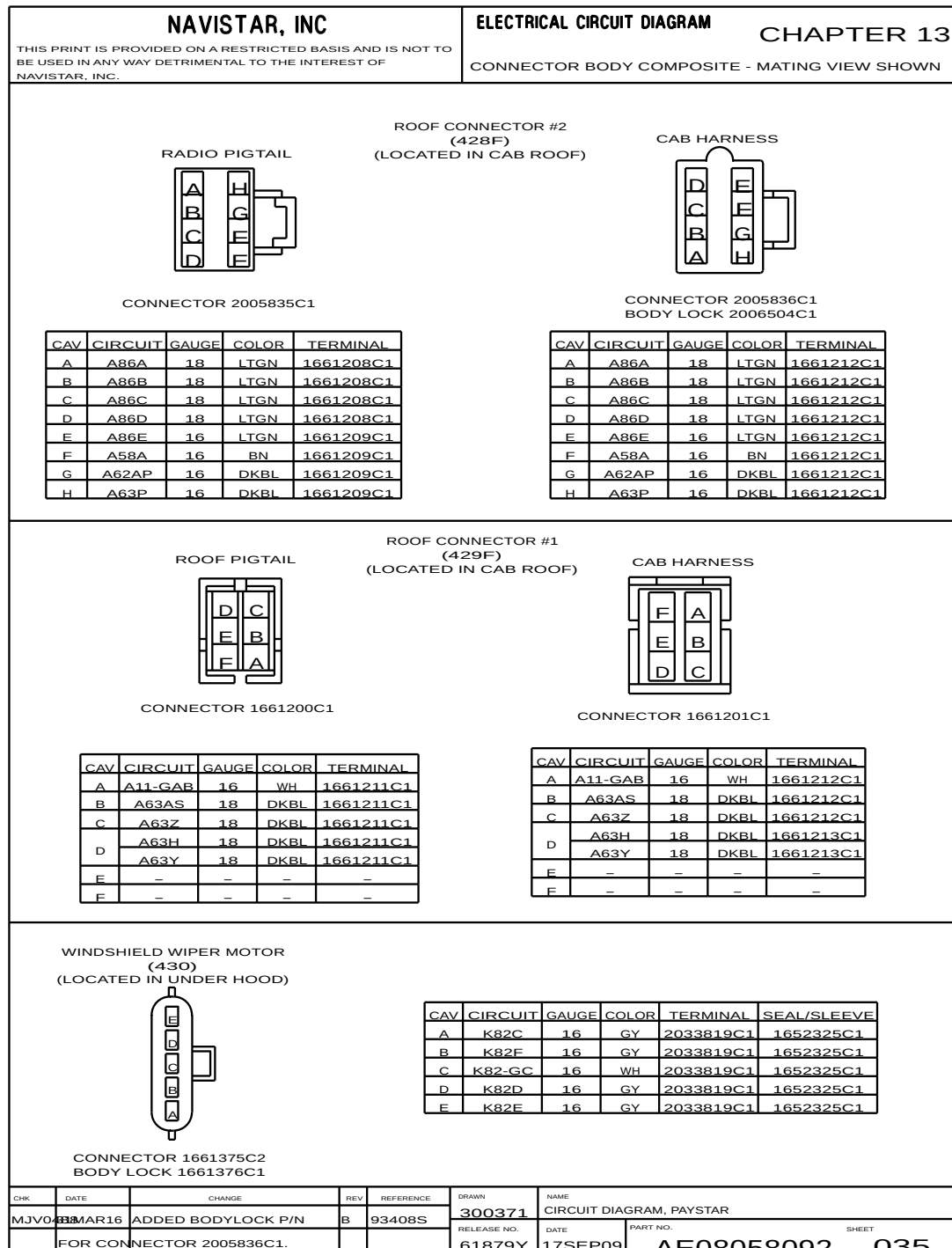


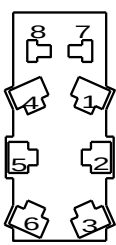
Figure 229 Connector Composites (428F / 429F / 430)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

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 BRAKE SELECTOR SWITCH (433M)

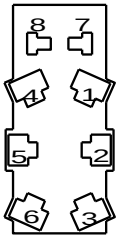


CONNECTOR 2009385C1

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

* W/ ENGINE BRAKE
N/ ENGINE BRAKE

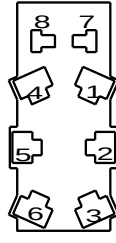
ENGINE BRAKE ON / OFF SWITCH (434M)



CONNECTOR 2009385C1

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

CRUISE ON / OFF SWITCH (435M)



CONNECTOR 2009385C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	A97AE	18	VT	1661224C1
6	A97CR	18	VT	3541250C1
	A97CS	18	VT	
6*	A97GC	18	VT	1661224C1
7	A62J	16	DKBL	1661209C1
8	A62-GJ	18	WH	1661208C1

* W/ 15L ISX ENGINE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
012	17APR13	ADDED CIRC: A97GC	B	91786V	300371	CIRCUIT DIAGRAM, PAYSTAR
	IN R/D 435M.				RELEASE NO. 61879Y	DATE 17SEP09
					PART NO. AE08058092	SHEET 036

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

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

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

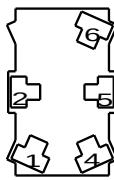
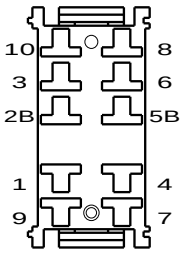
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																													
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																															
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	-	-	-	-																																																															
4	A65A	16	OR	1661226C1																																																															
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																																																															
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	-	-	-	-																																																															
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					
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																																																															
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																													
0488	09SEP15	ADDED CIRC A11-G AND	B	93248U	300371	CIRCUIT DIAGRAM, PAYSTAR																																																													
A11-GHH IN R/D 453M.					RELEASE NO.	DATE	PART NO.																																																												
					61879Y	17SEP09	AE08058092 038																																																												

Figure 232 Connector Composites (441 / 442 / 453M)

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

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																																																																				
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																																																																				
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																																																																				
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	-	-	-	-
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	-	-	-	-																																																																				
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.																																																																	
					61879Y	17SEP09	AE08058092 039																																																																	

Figure 233 Connector Composites (454M / 455M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

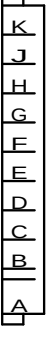
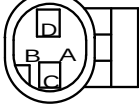
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																													
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GROUND ADAPTER (456M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 2007315C1 BODY LOCK 2007316C1 <table border="1" style="width: 100%; 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-GC</td><td>10</td><td>WH</td><td>1661211C1</td></tr> <tr><td>B</td><td>A11-GX</td><td>18</td><td>WH</td><td>1661208C1</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>A78-GA</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>G#</td><td>A78-GC</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>H</td><td>A81-G</td><td>14</td><td>WH</td><td>3566715C1</td></tr> <tr><td>J</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>K</td><td>A11-GHD</td><td>18</td><td>WH</td><td>1661208C1</td></tr> </tbody> </table> * W/ DUAL AXIS MIRROR # N/ SINGLE AXIS MIRROR								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A11-GC	10	WH	1661211C1	B	A11-GX	18	WH	1661208C1	C	-	-	-	-	D	-	-	-	-	E	-	-	-	-	F	-	-	-	-	G*	A78-GA	18	WH	1661208C1	G#	A78-GC	18	WH	1661208C1	H	A81-G	14	WH	3566715C1	J	-	-	-	-	K	A11-GHD	18	WH	1661208C1
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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																														
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0638	19JAN15	CIRCUIT UPDATED FOR	C	92948G	300371	CIRCUIT DIAGRAM, PAYSTAR																																																													
					RELEASE NO.	DATE	PART NO.																																																												
					61879Y	17SEP09	AE08058092 040																																																												

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

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

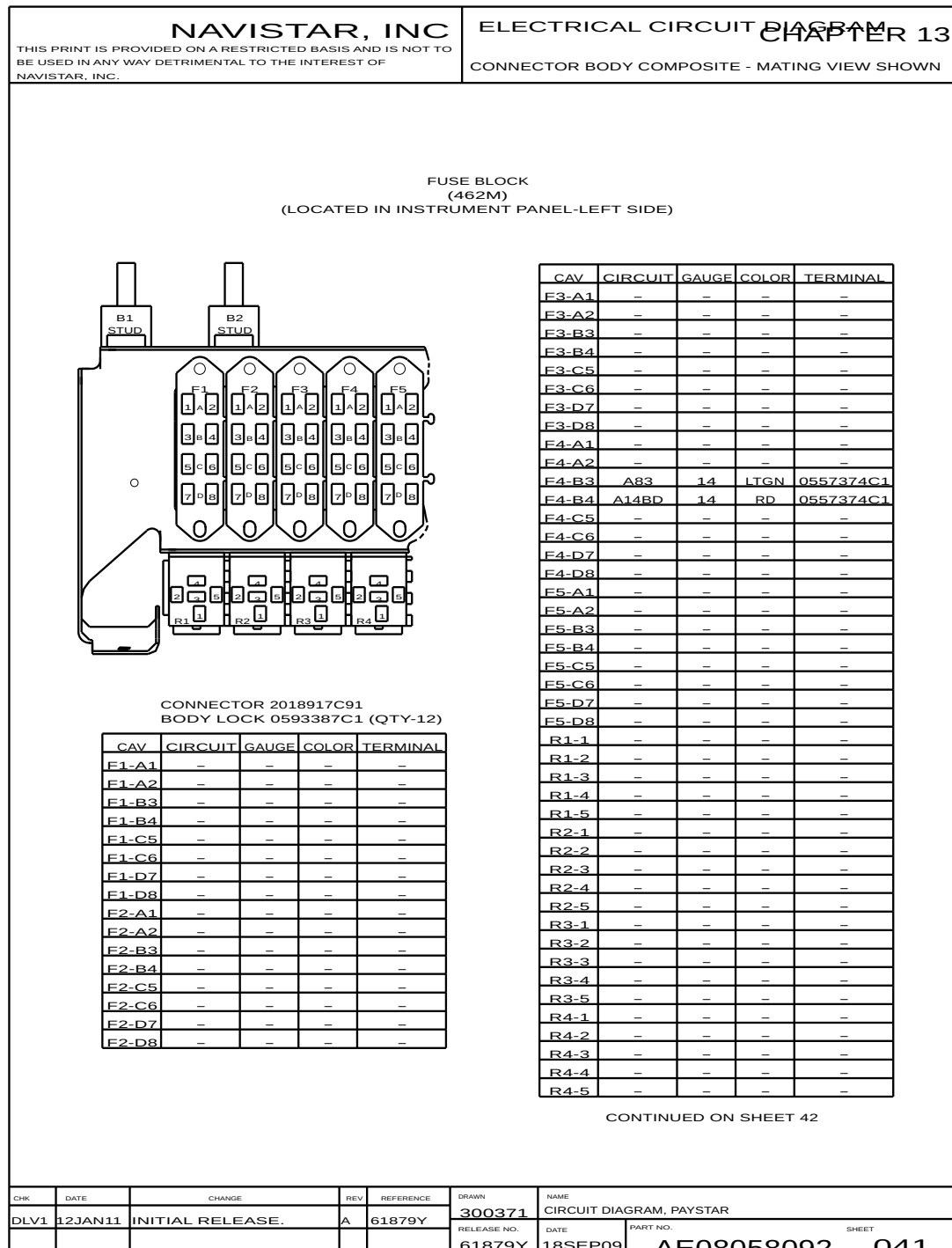


Figure 235 Connector Composites (462M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

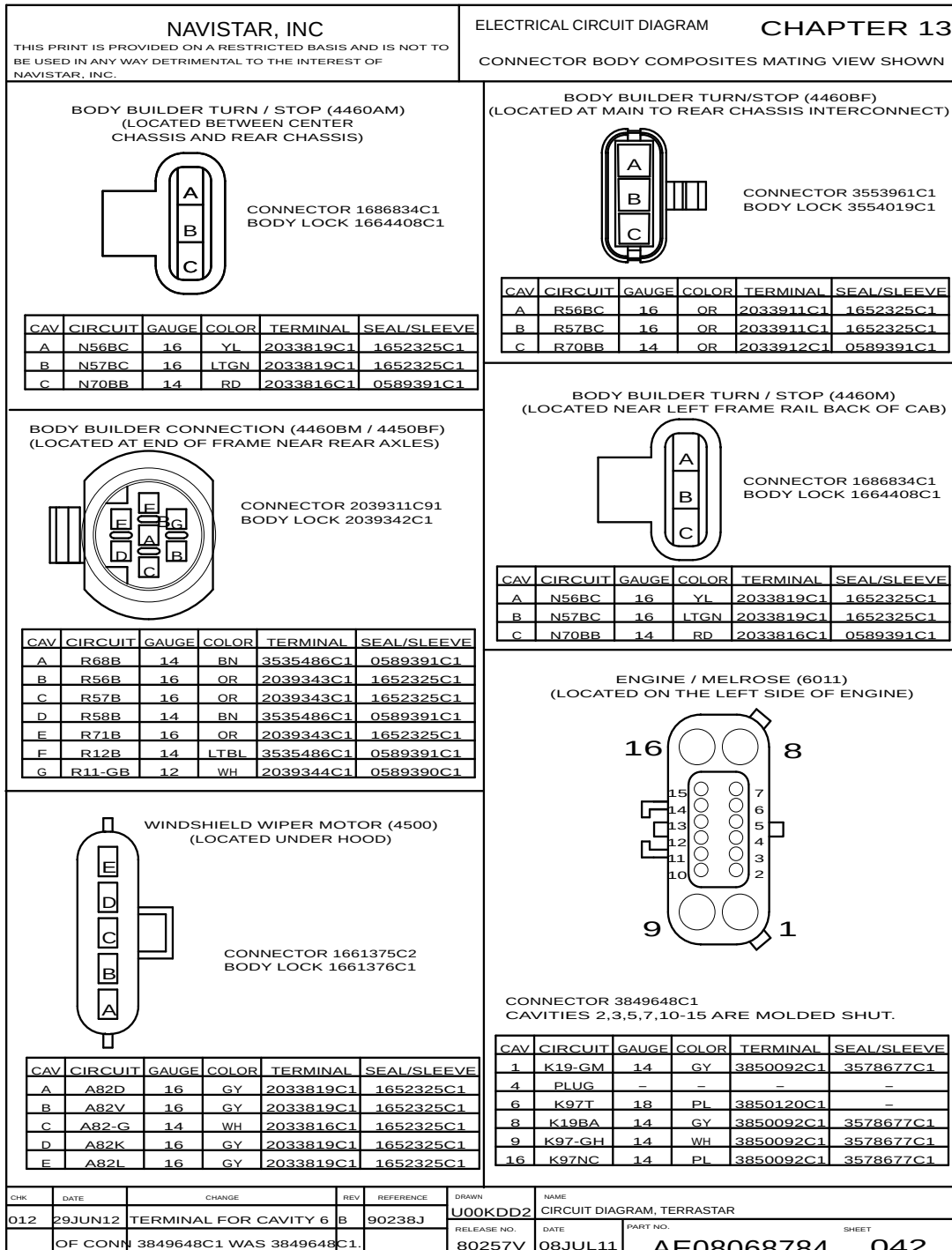


Figure 236 Connector Composites (462M)

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

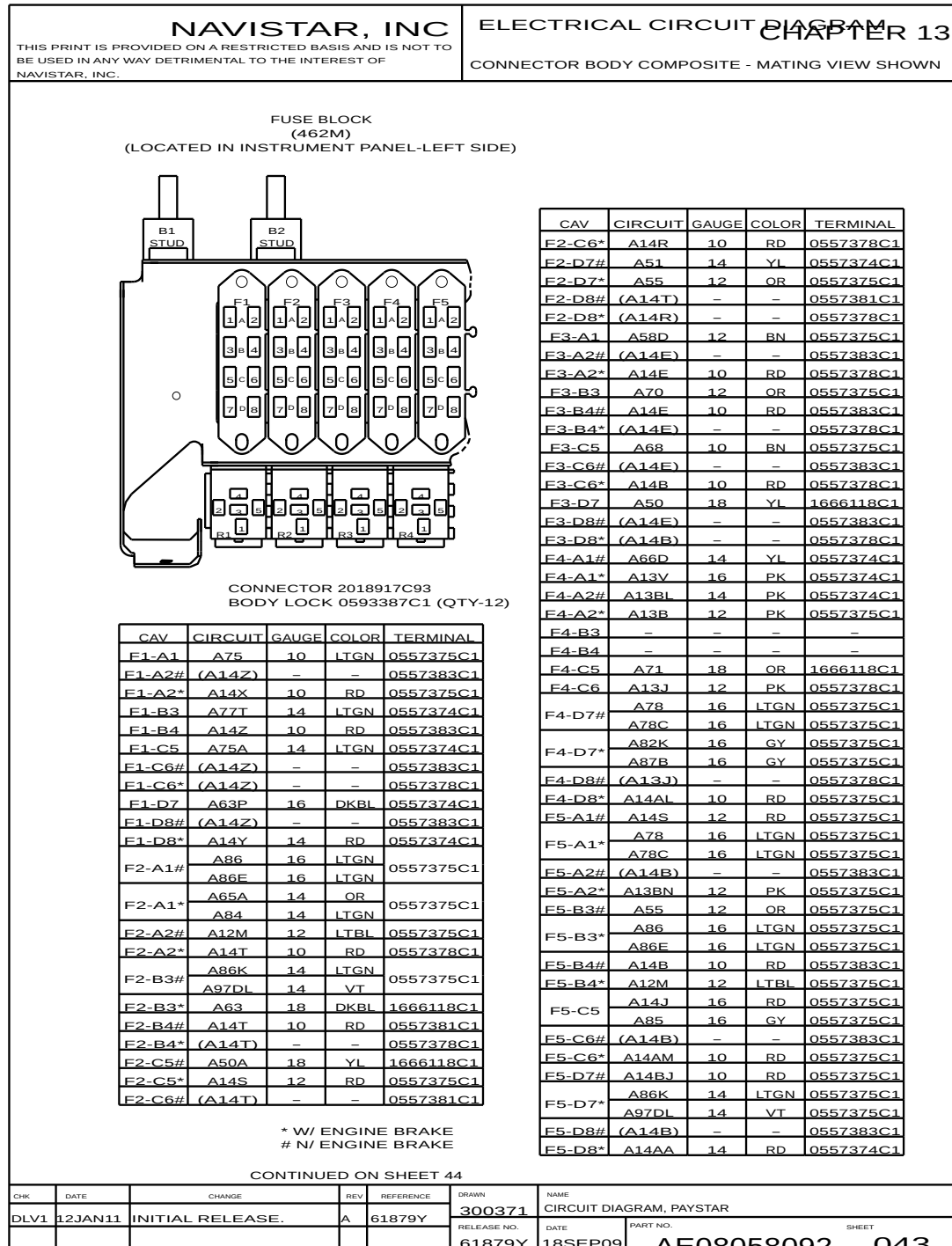


Figure 237 Connector Composites (462M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																																																																																																																					
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<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>RELAY LOCATION</th> <th>CAVITY</th> <th>PART NUMBER</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td>R1</td><td>1, 2, 3, 4, 5</td><td>2012557C1</td><td>IGNITION RELAY</td></tr> <tr><td>R2</td><td>1, 2, 3, 4, 5</td><td>2012557C1</td><td>HIGH SPEED RELAY</td></tr> <tr><td>R3</td><td>1, 2, 3, 4, 5</td><td>2012557C1</td><td>MEDIUM HIGH SPEED RELAY</td></tr> <tr><td>R4</td><td>1, 2, 3, 4, 5</td><td>2012557C1</td><td>HEADLIGHT RELAY</td></tr> </tbody> </table>						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																																																																																																																
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Figure 238 Connector Composites (462M)

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

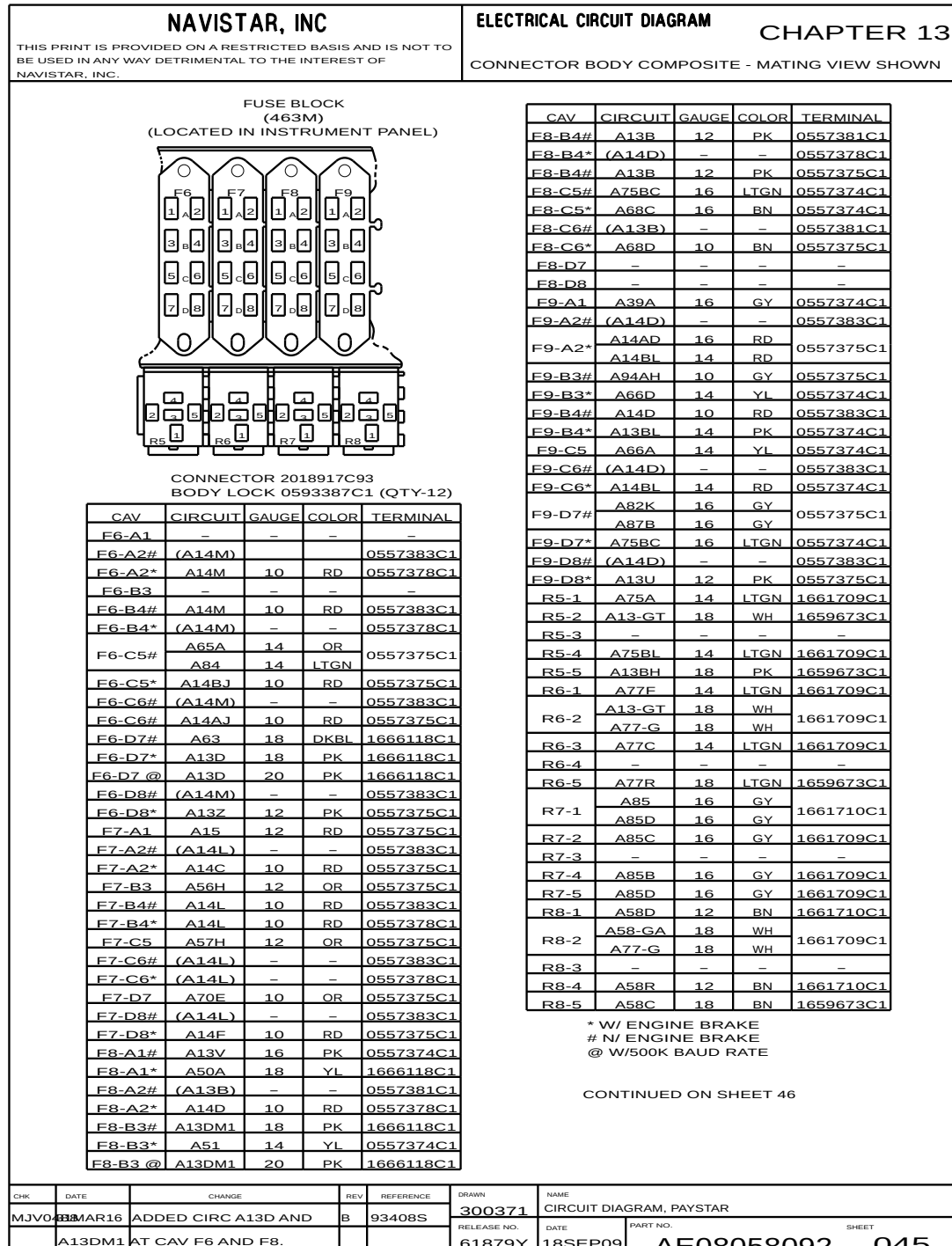


Figure 239 Connector Composites (463M)

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																																																																																																																														
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Figure 240 Connector Composites (463M)

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

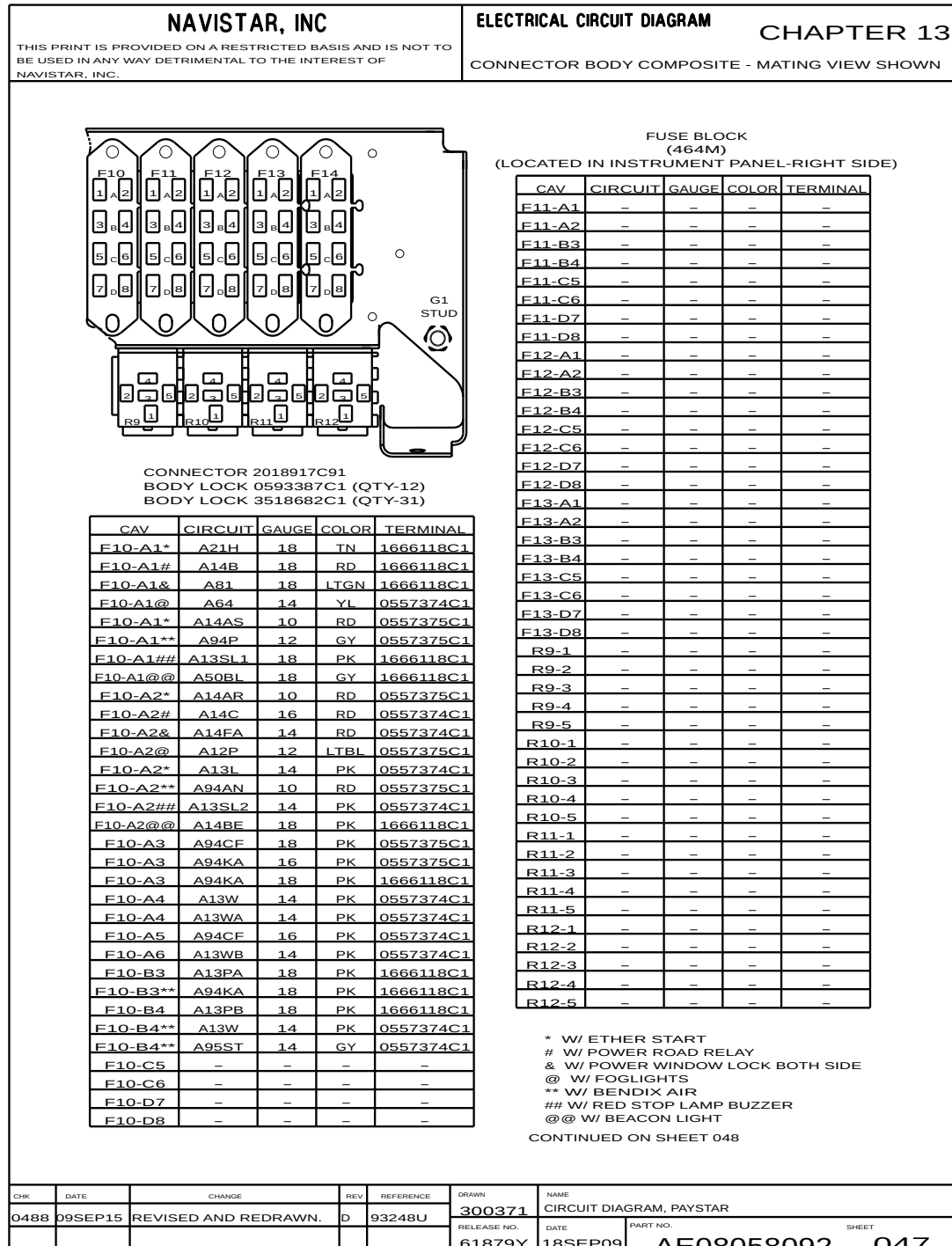


Figure 241 Connector Composites (464M)

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

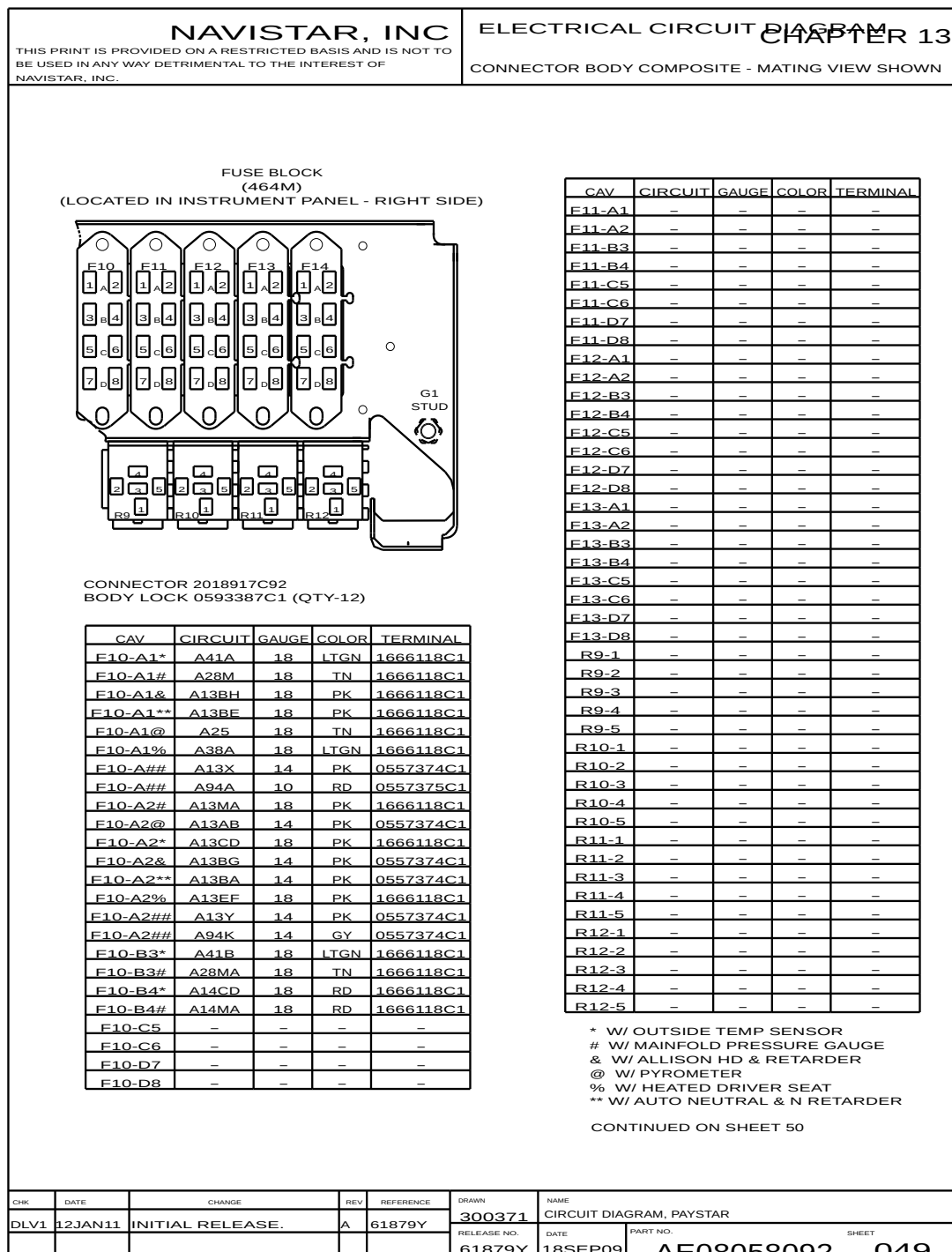
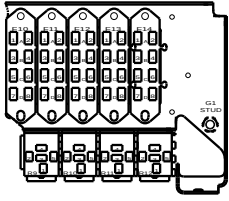


Figure 243 Connector Composites (464M)

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	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
F10-A1#	A68C	16	BN	0557374C1	F12-A1	-	-	-	-	R9-1	A68	10	BN	1661710C1
F10-A1*	A94AH	10	GY	0557375C1	F12-A2	-	-	-	-	R9-2	A58-G	18	WH	1659673C1
F10-A1&	A13PU	16	PK	0557374C1	F12-B3	-	-	-	-	R9-3	-	-	-	-
F10-A1%	A49A	14	WH	0557374C1	F12-B4	-	-	-	-	R9-4	A68E	10	BN	1661710C1
F10-A2#	A68D	10	BN	0557375C1	F12-C5	-	-	-	-	R9-5	A58P	18	BN	1659673C1
F10-A2*	A14CP	10	RD	0557375C1	F12-C6	-	-	-	-	R10-1	A70E	10	OR	1661710C1
F10-A2&	A92ETB	16	TN	0557374C1	F12-D7	-	-	-	-	R10-2	A58-G	18	WH	1661709C1
F10-A2%	A13CT	14	PK	0557374C1	F12-D8	-	-	-	-	R10-3	A70-G	18	WH	1661709C1
F10-A3	A12BA	16	LTBL	0557374C1	F13-A1	-	-	-	-	R10-4	A70C	10	OR	1661710C1
F10-A4	A12F	12	LTBL	0557375C1	F13-A2	-	-	-	-	R10-5	A70D	14	OR	1661709C1
F10-A5	A13Z	12	PK	0557375C1	F13-B3	-	-	-	-	R11-1	A56H	12	OR	1661710C1
F10-A6	A13ZA	12	PK	0557375C1	F13-B4	-	-	-	-	R11-2	A70-G	18	WH	1661709C1
F10-A7	A95	18	TN	3515897C1	F13-C5	-	-	-	-	R11-3	A56-G	18	WH	1661709C1
F10-A8	A95H	18	GY	3515897C1	F13-D7	-	-	-	-	R11-4	A56A	16	OR	1661710C1
F10-A9	A13BB	18	PK	3515897C1	F14-A1	-	-	-	-	R11-5	A56C	12	OR	1661710C1
F10-A10	A13D4	18	PK	3515897C1	F14-A2	-	-	-	-	R12-1	A57H	12	OR	1661710C1
F10-B3	A12BA	16	LTBL	0557374C1	F14-B3	-	-	-	-	R12-2	A56-G	18	WH	1661709C1
F10-B4	A12F	12	LTBL	0557375C1	F14-B4	-	-	-	-	R12-3	A57-G	18	WH	1661709C1
F10-C5#	A13Z	12	PK	0557375C1	F14-C5	-	-	-	-	R12-4	A57A	16	OR	1661710C1
F10-C6	A13ZA	12	PK	0557375C1	F14-D7	-	-	-	-	R12-5	A57C	12	OR	1661710C1
F10-D7	A95	18	TN	3515897C1	F14-D8	-	-	-	-					
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F11-A2	-	-	-	-										
F11-B3	-	-	-	-										
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F11-C6	-	-	-	-										
F11-D7	-	-	-	-										
F11-D8	-	-	-	-										

* 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.	SHEET
					AE08058092	051

Figure 245 Connector Composites (464M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

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 246 Connector Composites (464M)

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

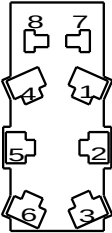
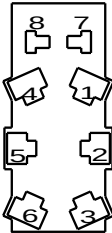
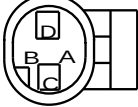
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																							
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Figure 247 Connector Composites (465M / 466M / 468F / 469ML)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.61. CONNECTOR COMPOSITES (471), P. 54

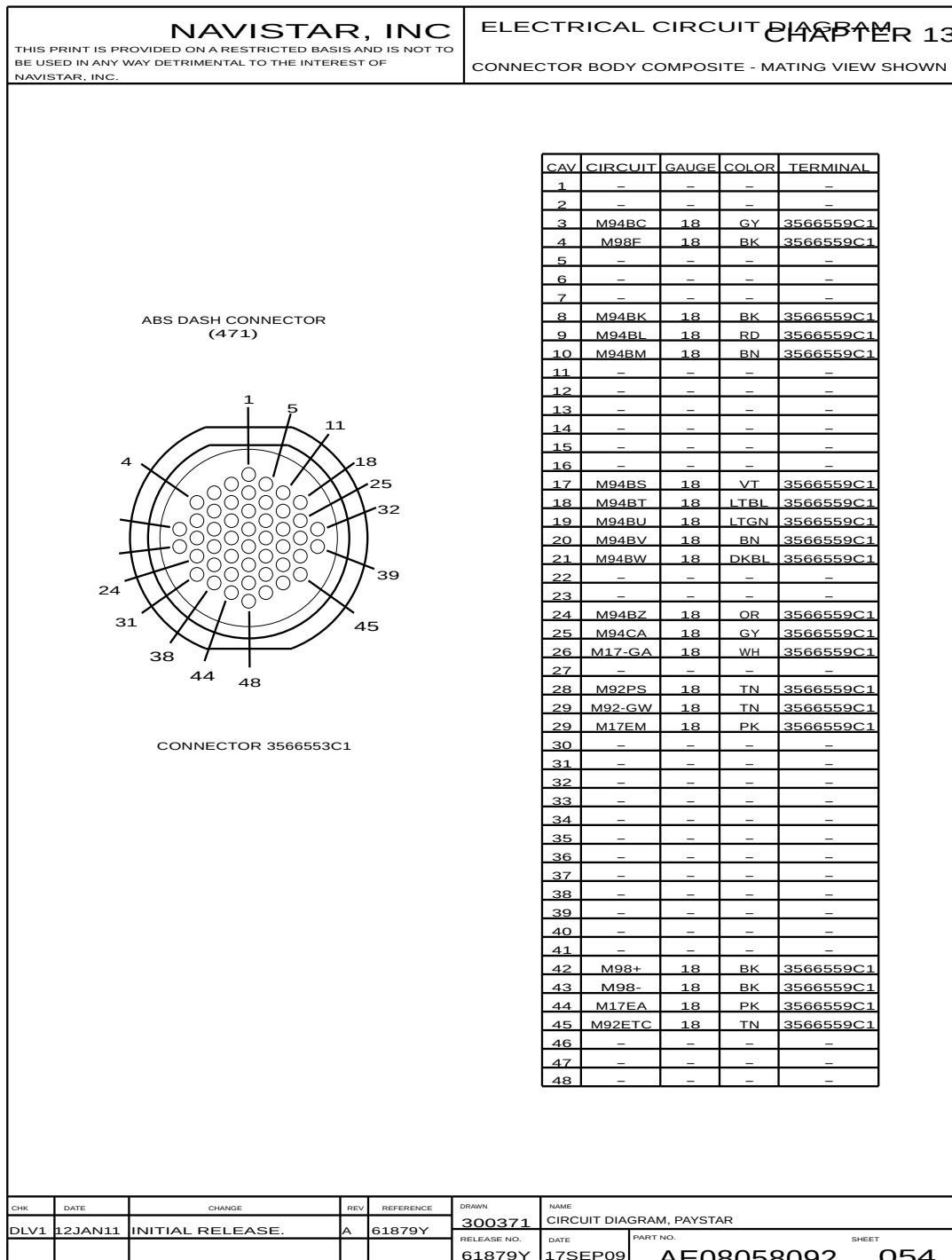


Figure 248 Connector Composites (471)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.62. CONNECTOR COMPOSITES (471), P. 55

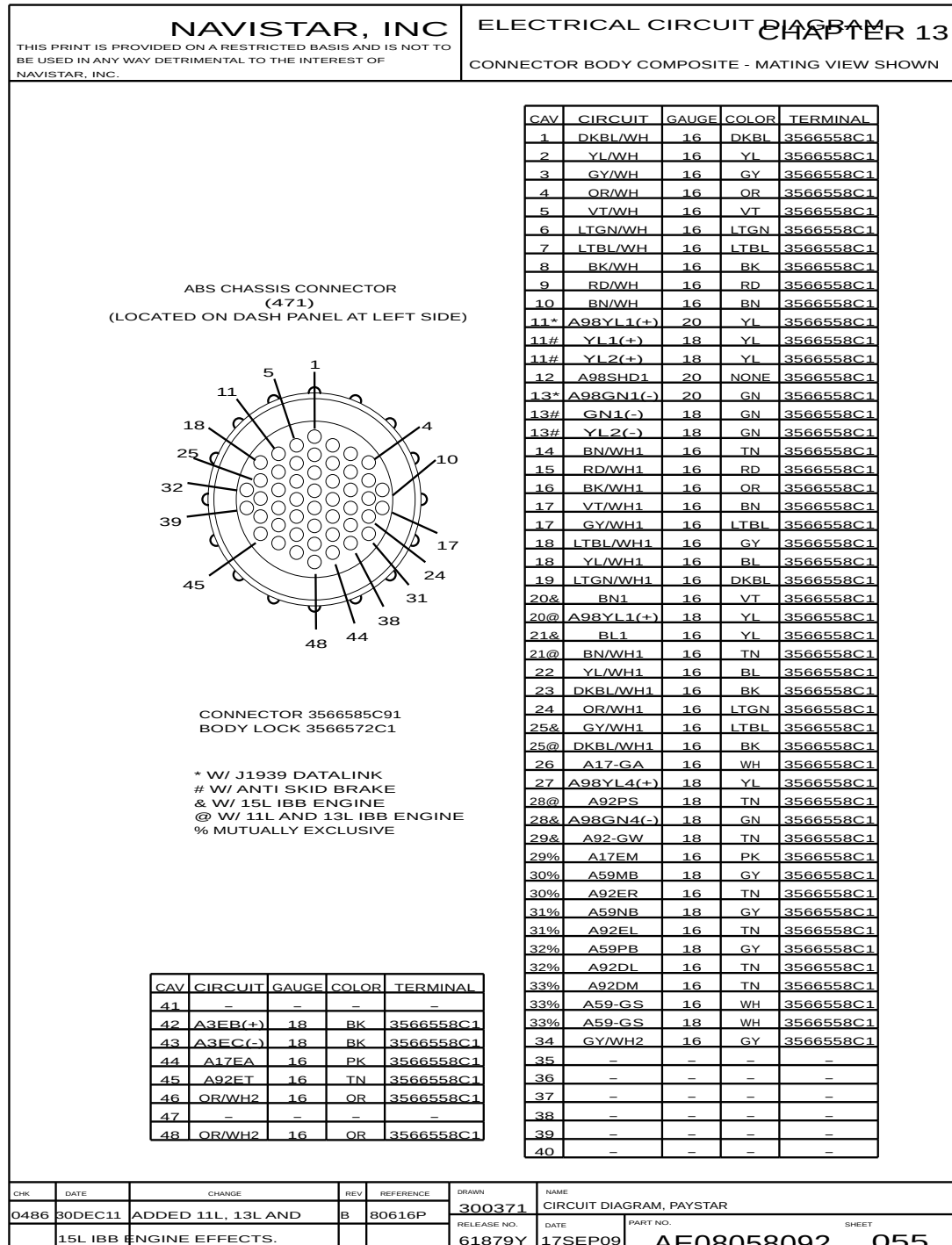


Figure 249 Connector Composites (471)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

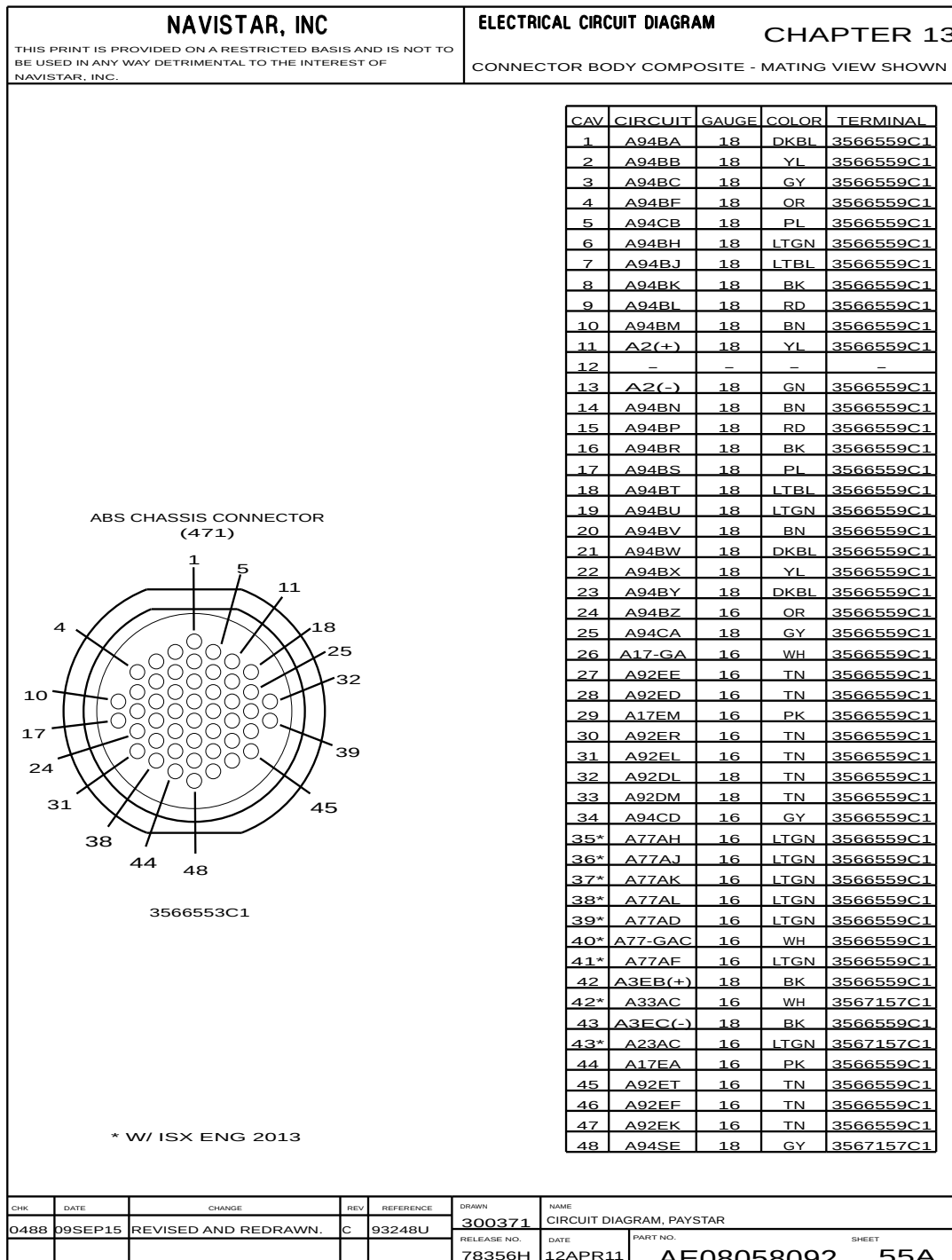


Figure 250 Connector Composites (471)

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

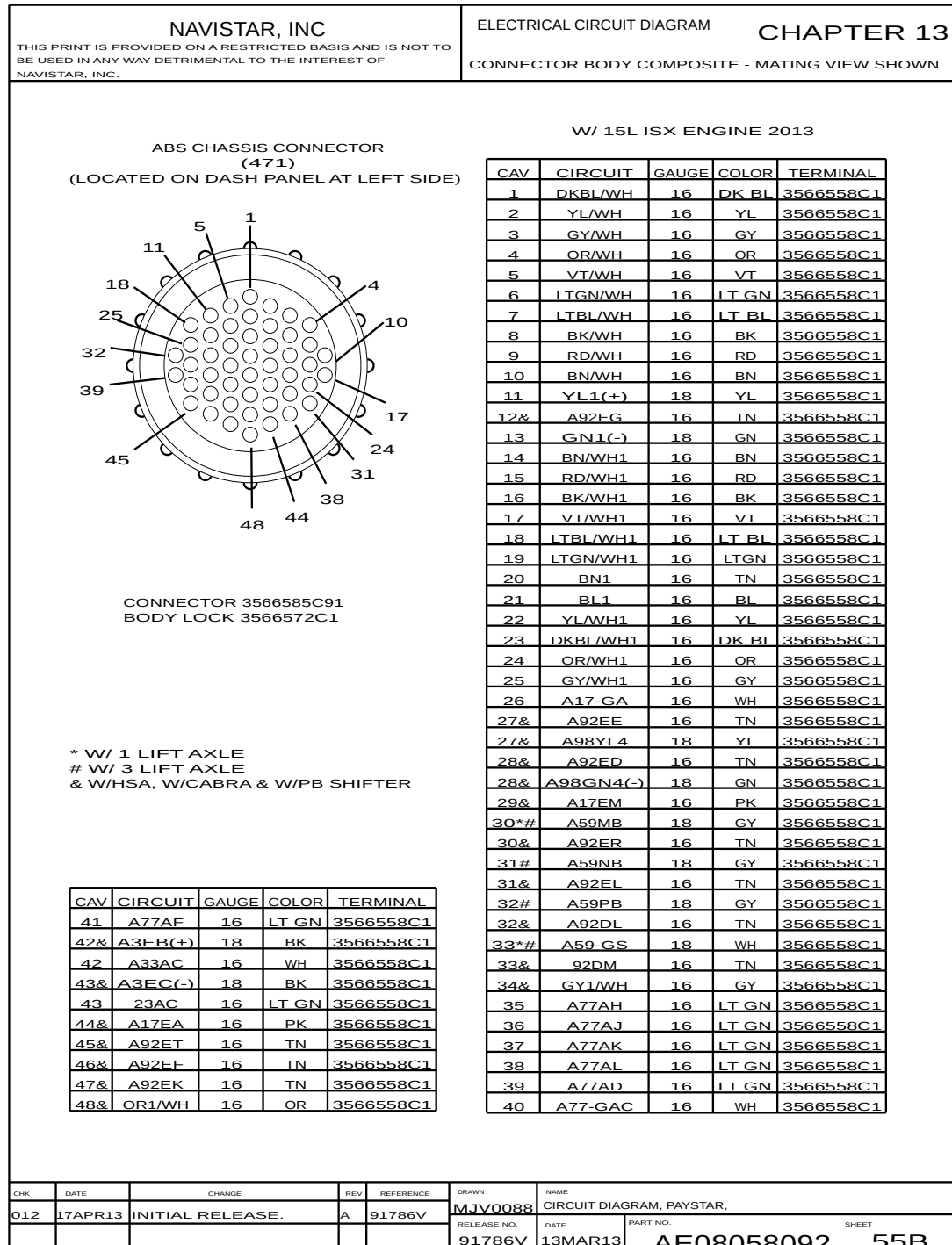


Figure 251 Connector Composites (471)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

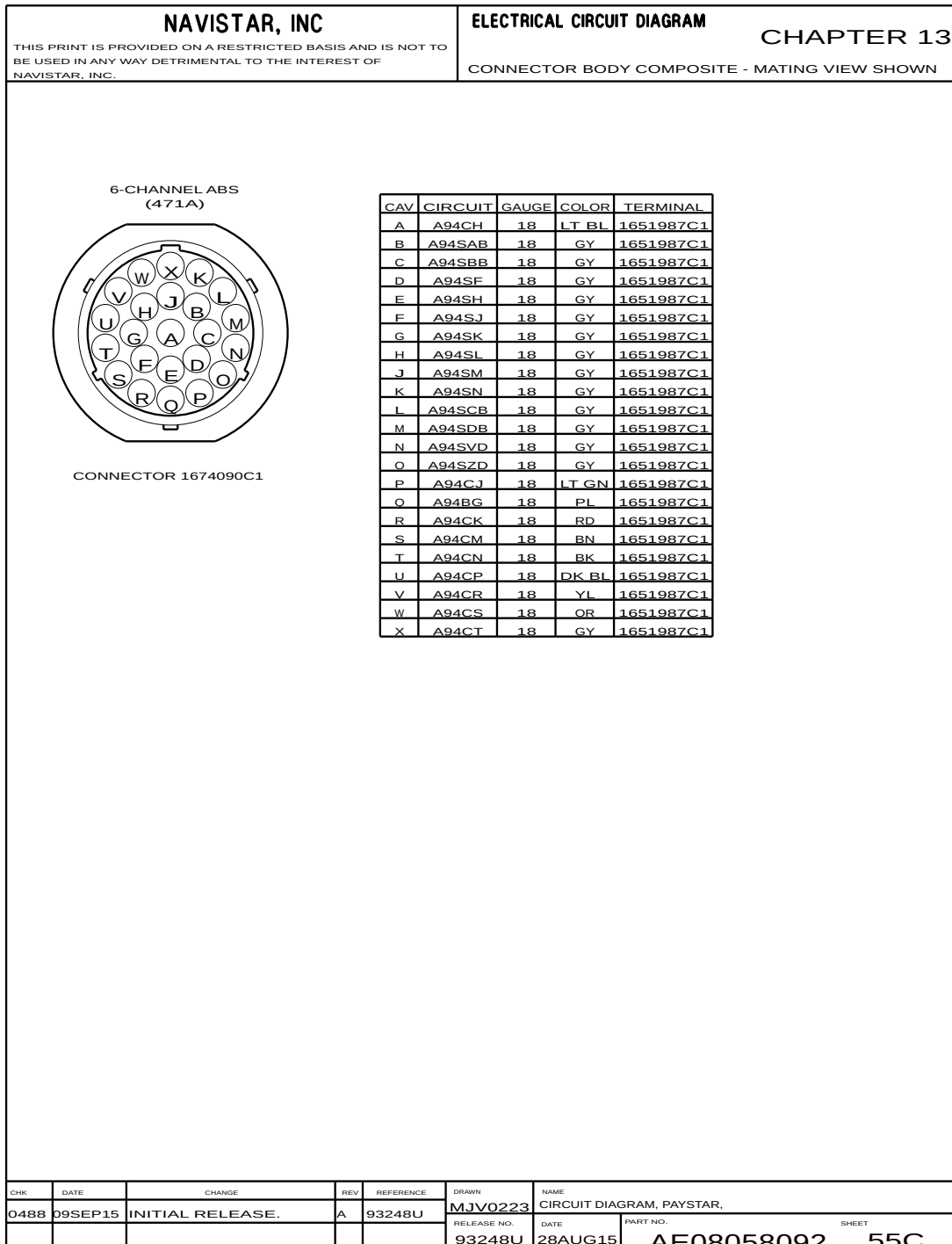


Figure 252 Connector Composites (471A)

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

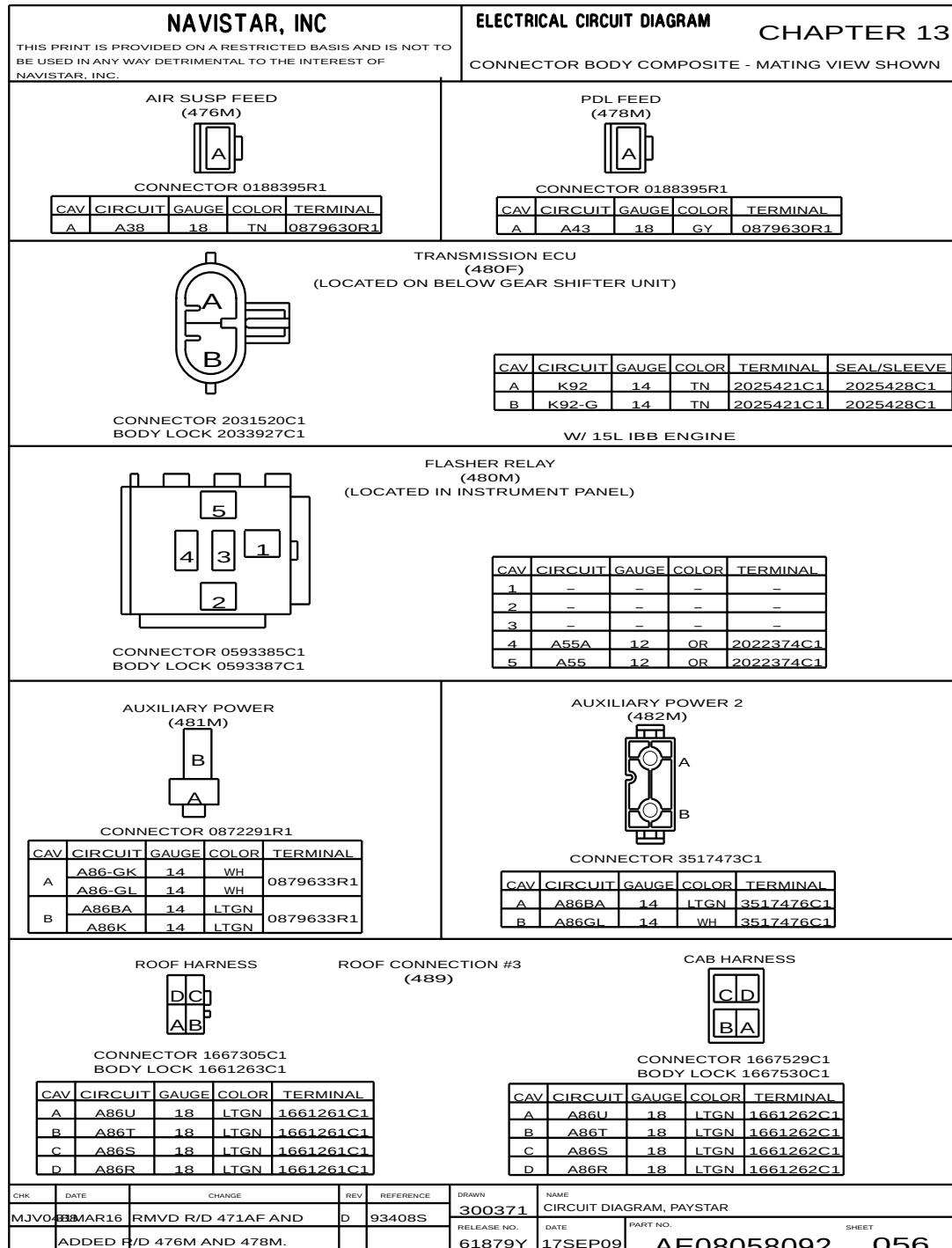


Figure 253 Connector Composites (471AF / 480F / 480M / 481M / 482M / 489)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

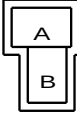
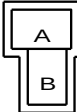
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																												
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61879Y		17SEP09		AE08058092		057																																																																												

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					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																								
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																											
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CAV J OF R/D 499M.					61879Y	17SEP09	AE08058092	059																																																							

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	-	-	-	-																																													
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																								
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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																																																																																								
A	A62M	16	DKBL	1661209C1																																																																																								
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D*	A62S	18	LTBL	1661208C1																																																																																								
D#	A62LT	18	DKBL	1661208C1																																																																																								
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																						
0488	19AUG15	ADDED CIRCUIT A62LT	C	93281C	300371	CIRCUIT DIAGRAM, PAYSTAR																																																																																						
IN R/D 503M.					RELEASE NO.	DATE	PART NO.																																																																																					
					61879Y	17SEP09	AE08058092 060																																																																																					

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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K	A62AY	16	DKBL	1661209C1																																																																																													
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																																																																																													
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R/D 504M.				RELEASE NO.	DATE	PART NO.	SHEET																																																																																										
				61879Y	17SEP09	AE08058092	061																																																																																										

Figure 258 Connector Composites (504M / 506M)

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

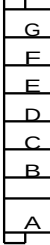
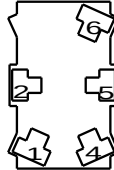
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START FEED ADAPTER (509M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 2006789C1 BODY LOCK 2006792C1				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A&</td><td>A17D</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>A&</td><td>A17B</td><td>14</td><td>PK</td><td>3566715C1</td></tr> <tr><td>A&</td><td>A17B</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>A&</td><td>A17</td><td>14</td><td>PK</td><td>3566715C1</td></tr> <tr><td>B&</td><td>A17A</td><td>14</td><td>PK</td><td>3566715C1</td></tr> <tr><td>B&</td><td>A17B</td><td>14</td><td>PK</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> & MUTUAL EXCLUSIVE				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A&	A17D	18	PK	1661208C1	A&	A17B	14	PK	3566715C1	A&	A17B	18	PK	1661208C1	A&	A17	14	PK	3566715C1	B&	A17A	14	PK	3566715C1	B&	A17B	14	PK	3566715C1	C	-	-	-	-	D	-	-	-	-	E	-	-	-	-	F	-	-	-	-	G	-	-	-	-
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	-	-	-	-																																																															
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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																														
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C	A40B	16	GY	1661875C1	1661872C1																																																														
D	A40-GB	16	WH	1661875C1	1661872C1																																																														
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																													
0488	09SEP15	ADDED CIRC A94-GL IN	B	93248U	300371	CIRCUIT DIAGRAM, PAYSTAR																																																													
R/D 511M.					RELEASE NO.	DATE	PART NO.																																																												
					61879Y	17SEP09	AE08058092 062																																																												

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

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

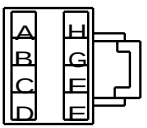
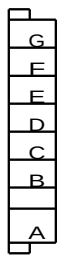
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																																	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																	
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																																																		
B	-	-	-	-																																																		
C	A47/48(+)	18	GY	1661208C1																																																		
D	A98J(+)	16	RD	1661209C1																																																		
E	-	-	-	-																																																		
F	A98E(+)	18	BK	1661208C1																																																		
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

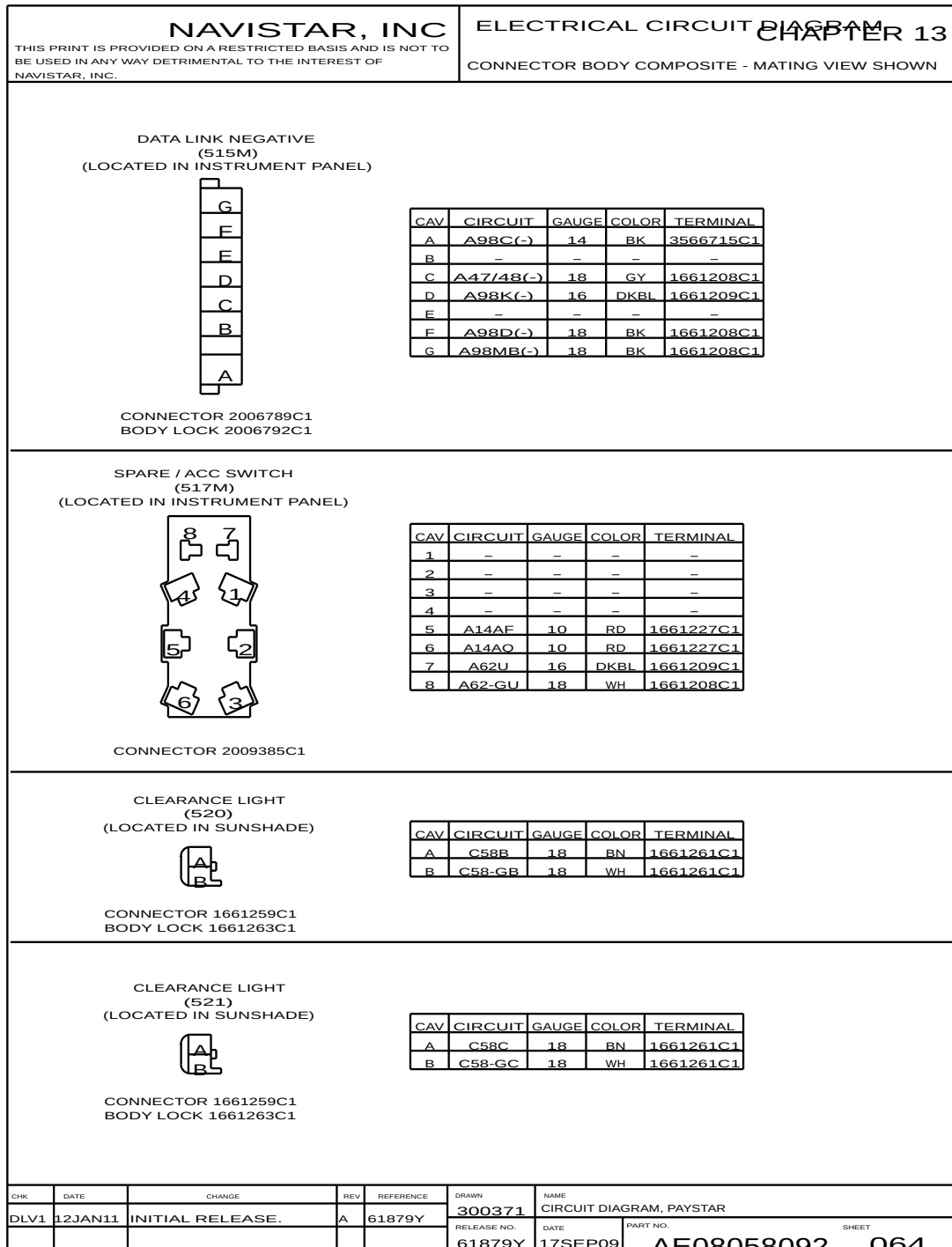


Figure 261 Connector Composites (515M / 517M / 520 / 521)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

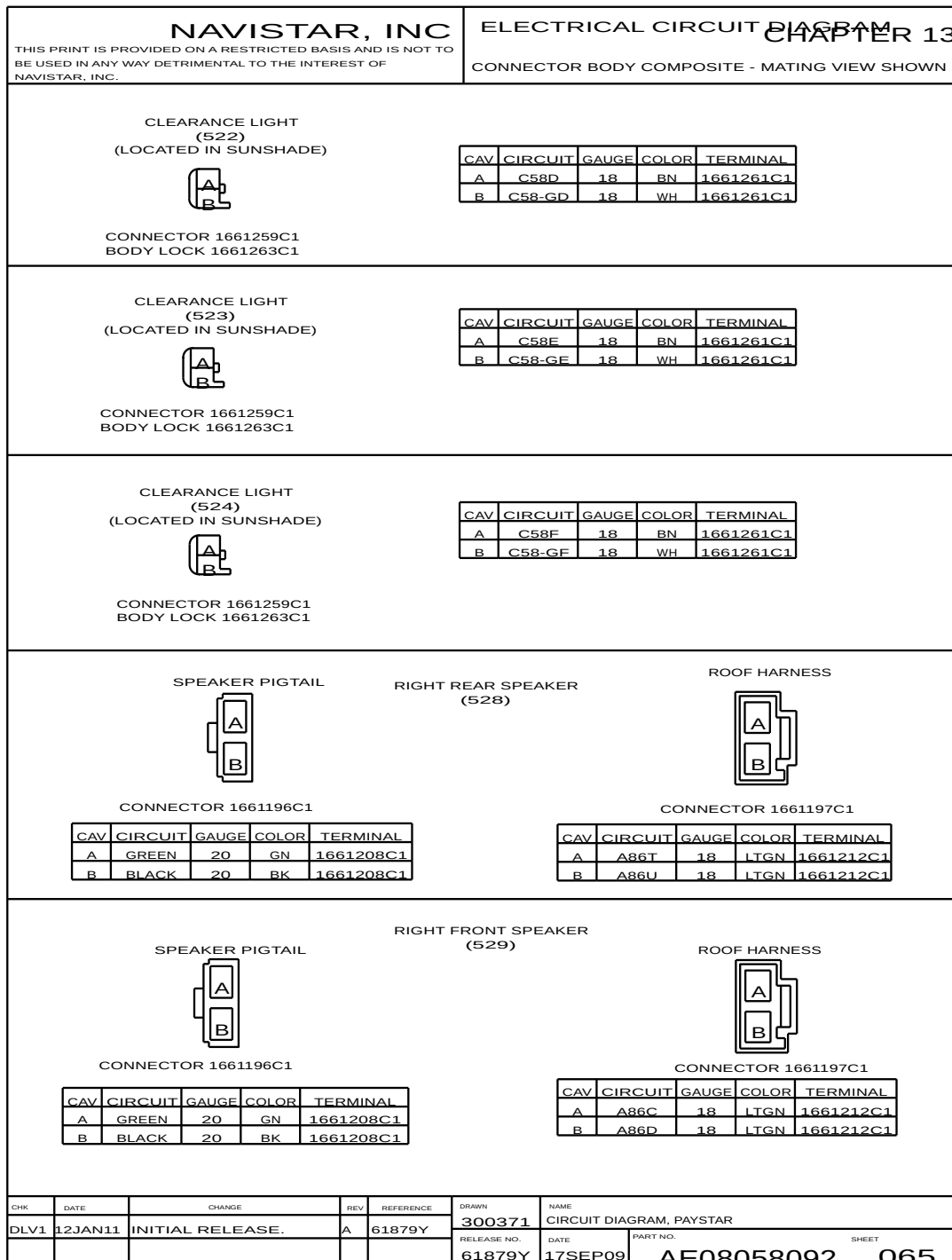


Figure 262 Connector Composites (522 / 523 / 524 / 528 / 529)

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

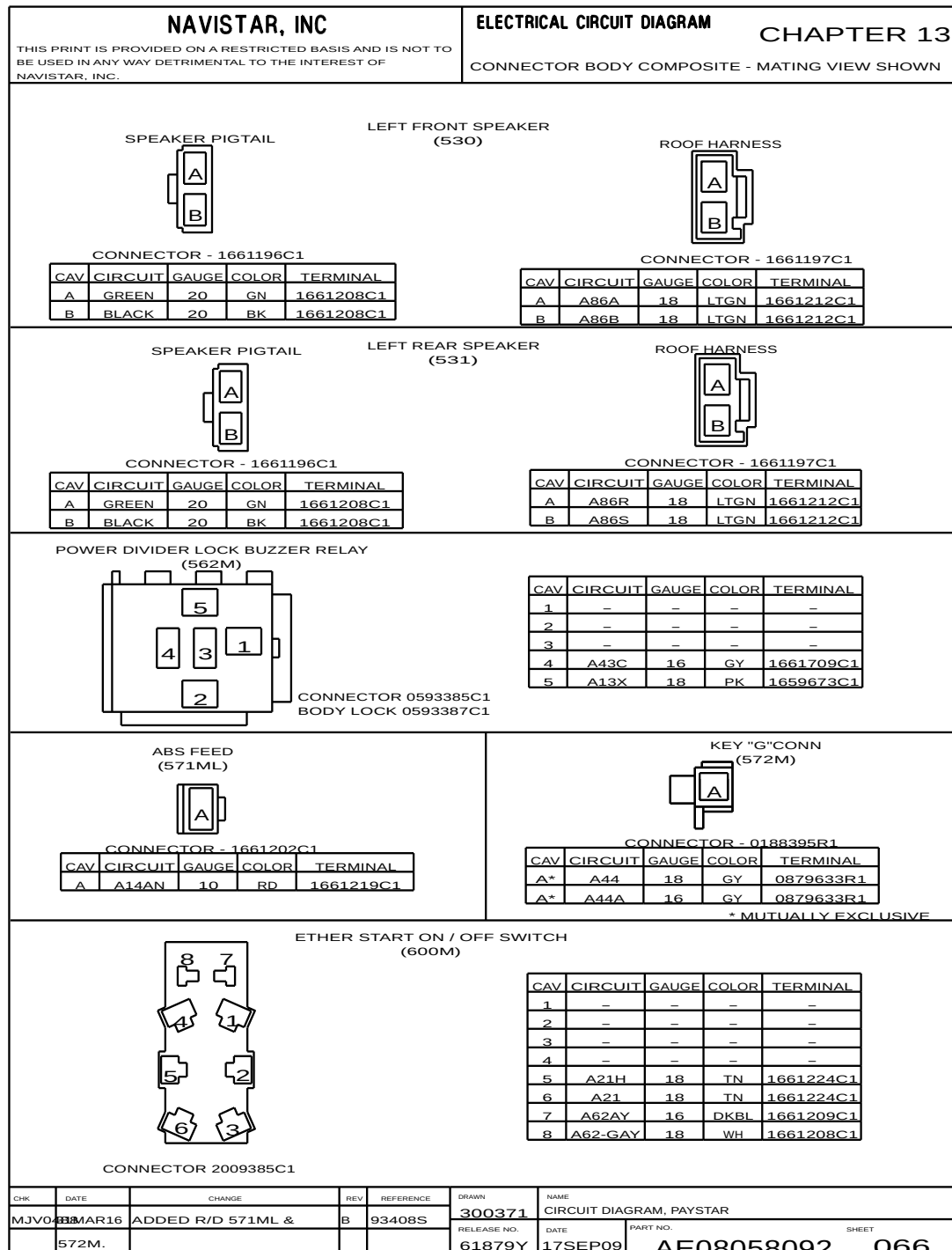


Figure 263 Connector Composites (530 / 531 / 562M / 600M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

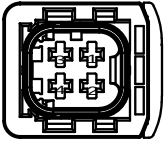
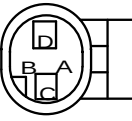
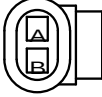
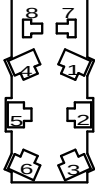
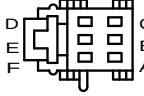
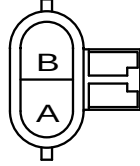
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13																																														
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																			
NOX SENSOR (608) (LOCATED IN ENGINE) 					STOP LIGHT SWITCH (640) (LOCATED IN CAB) 																																																			
CONNECTOR 3993814C1					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)																																																								
					<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">CAV</th><th style="text-align: center;">CIRCUIT</th><th style="text-align: center;">GAUGE</th><th style="text-align: center;">COLOR</th><th style="text-align: center;">TERMINAL</th><th style="text-align: center;">SEAL/SLEEVE</th></tr> </thead> <tbody> <tr> <td style="text-align: center;">A</td><td style="text-align: center;">A92CT</td><td style="text-align: center;">18</td><td style="text-align: center;">TN</td><td style="text-align: center;">1661875C1</td><td style="text-align: center;">1661872C1</td></tr> <tr> <td style="text-align: center;">B</td><td style="text-align: center;">A13CJ</td><td style="text-align: center;">18</td><td style="text-align: center;">PK</td><td style="text-align: center;">1661875C1</td><td style="text-align: center;">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																																																			
CONNECTOR 1661778C1 BODY LOCK 1661874C1																																																								
ENGINE FAN OVERRIDE SWITCH (659M) (LOCATED IN CAB)																																																								
					<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">CAV</th><th style="text-align: center;">CIRCUIT</th><th style="text-align: center;">GAUGE</th><th style="text-align: center;">COLOR</th><th style="text-align: center;">TERMINAL</th></tr> </thead> <tbody> <tr><td style="text-align: center;">1</td><td style="text-align: center;">-</td><td style="text-align: center;">-</td><td style="text-align: center;">-</td><td style="text-align: center;">-</td></tr> <tr><td style="text-align: center;">2</td><td style="text-align: center;">-</td><td style="text-align: center;">-</td><td style="text-align: center;">-</td><td style="text-align: center;">-</td></tr> <tr><td style="text-align: center;">3</td><td style="text-align: center;">-</td><td style="text-align: center;">-</td><td style="text-align: center;">-</td><td style="text-align: center;">-</td></tr> <tr><td style="text-align: center;">4</td><td style="text-align: center;">-</td><td style="text-align: center;">-</td><td style="text-align: center;">-</td><td style="text-align: center;">-</td></tr> <tr><td style="text-align: center;">5</td><td style="text-align: center;">A23A</td><td style="text-align: center;">16</td><td style="text-align: center;">TN</td><td style="text-align: center;">1661226C1</td></tr> <tr><td style="text-align: center;">6</td><td style="text-align: center;">A23B</td><td style="text-align: center;">16</td><td style="text-align: center;">TN</td><td style="text-align: center;">1661226C1</td></tr> <tr><td style="text-align: center;">7</td><td style="text-align: center;">A62M</td><td style="text-align: center;">16</td><td style="text-align: center;">DK BL</td><td style="text-align: center;">1661209C1</td></tr> <tr><td style="text-align: center;">8</td><td style="text-align: center;">A11-GR</td><td style="text-align: center;">16</td><td style="text-align: center;">WH</td><td style="text-align: center;">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																																																				
CONNECTOR 2009385C1																																																								
RADIO DISPLAY POWER (662M) (LOCATED IN CAB) 						NEGATIVE BATTERY CONNECTOR (665B) (LOCATED IN CAB) 																																																		
CONNECTOR 2031871C1 BODY LOCK 2031873C1						CONNECTOR 2031522C1 BODY LOCK 2033927C1																																																		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																													
A	A11-GPD	18	WH	1661261C1		A	PLUG	-	-	2025432C1	-																																													
B	A14B	18	RD	1661261C1		B	A11-G	10	WH	2031531C1	2025427C1																																													
C	A13PB	18	PK	1661261C1																																																				
D	A98D(-)	18	BK	1661261C1																																																				
E	A98E(+)	18	BK	1661261C1																																																				
F	A62EA	18	DKBL	1661261C1																																																				
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	067																																																

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

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

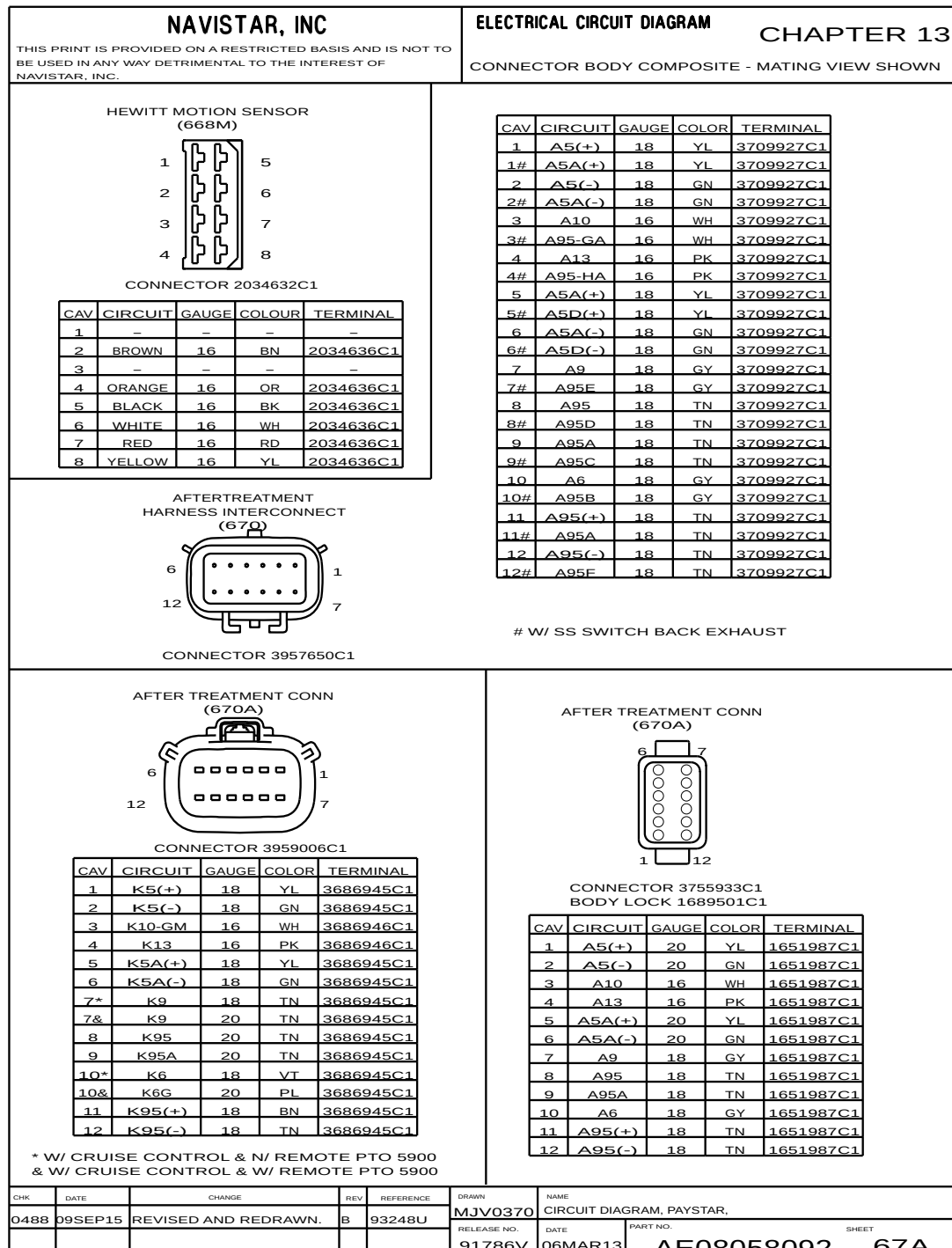
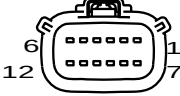
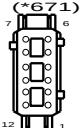
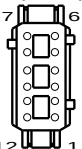
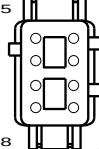


Figure 265 Connector Composites (668M / 670 / 670A)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13			
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					
AFTER TREATMENT CONN (670G)  CONNECTOR 3959006C1				SCR SENSOR TABLE (*671)  CONNECTOR 3989896C1 BODY LOCK 3553460C1					
CAV	CIRCUIT	GAUGE	COLOUR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	K5(+)	18	YL	3686945C1	1	PLUG	-	-	-
2	K5(-)	18	LT GN	3686945C1	2	PLUG	-	-	-
3	K10-GM	16	WH	3686946C1	3	PLUG	-	-	-
4	K13	16	PK	3686946C1	4	PLUG	-	-	-
5	K5A(+)	18	YL	3686945C1	5	PLUG	-	-	-
6	K5A(-)	18	LT GN	3686945C1	6	PLUG	-	-	-
7	K9#	18	TN	3686945C1	7	A5B(+)	18	YL	3989895C1
7	K9@	20	TN	3686945C1	8	A5B(-)	18	GN	3989895C1
8	K95	20	TN	3686945C1	9	A10A	18	WH	3989895C1
9	K95A	20	TN	3686945C1	10	A13A	18	PK	3989895C1
10	K6#	18	VT	3686945C1	11	A5(+)	18	YL	3989895C1
10	K6G@	20	PK	3686945C1	12	A5(-)	18	GN	3989895C1
11	K95(+)	18	BN	3686945C1					
12	K95(-)	18	TN	3686945C1					

SCR JUMPER CONN (671A)				DPF SENSOR TABLE (672)					
 CONNECTOR 3989896C1 BODY LOCK 3553460C1				 CONNECTOR 3989894C1 BODY LOCK 3539144C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1 TO 6	PLUG	-	-	3527276C1	1	A5C(+)	18	YL	3989895C1
7	A5C(+)	18	YL	3989895C1	1#	A5B(+)	18	YL	3989895C1
8	A5C(-)	18	GN	3989895C1	2	A5C(-)	18	GN	3989895C1
9	A95-GB	16	WH	3555249C1	2#	A5B(-)	18	GN	3989895C1
10	A95HB	16	PK	3555249C1	3	A10B	18	WH	3989895C1
11	A5A(+)	18	YL	3989895C1	3#	A95-GC	18	WH	3989895C1
12	A5A(-)	18	GN	3989895C1	4	A13B	18	PK	3989895C1
					4#	A95H	18	PK	3989895C1
					5	A9	18	GY	3989895C1
					5#	A95F	18	GY	3989895C1
					6	A95	18	TN	3989895C1
					6#	A95D	18	TN	3989895C1
					7	A95A	18	TN	3989895C1
					7#	A95C	18	TN	3989895C1
					8	A6	18	GY	3989895C1
					8#	A95B	18	GY	3989895C1

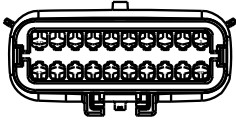
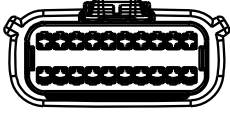
DPF DOSER (673)					
 CONNECTOR 3690364C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	A95(+)	18	TN	3689960C1	3623615C1
1#	A95A	18	TN	3689960C1	3623615C1
2	A95(-)	18	TN	3689960C1	3623615C1
2#	A95F	18	TN	3689960C1	3623615C1

W/ SS SWITCH BACK EXHAUST

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0488	09SEP15	REVISED AND REDRAWN.	B	93248U	MJV0088	CIRCUIT DIAGRAM, PAYSTAR,
					RELEASE NO.	DATE
					91786V	17APR13
						PART NO.
						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

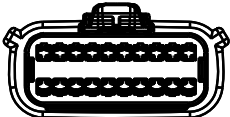
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13		
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN				
DEF TANK HARNESS CONNECTOR (674D) 					DEF TANK (674E) 				
CONNECTOR 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	K6F#	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

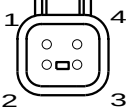
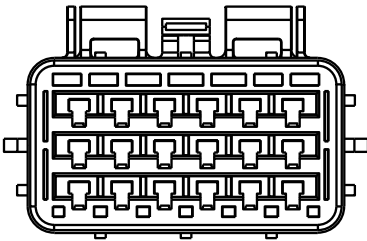
NAVISTAR, INC THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																																			
				CONNECTOR 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
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Figure 269 Connector Composites (677 / 678 / 679)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

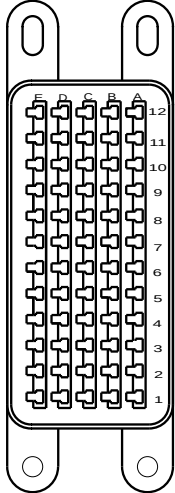
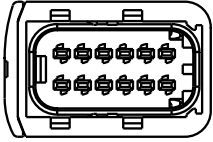
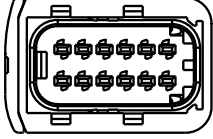
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																																																																																			
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AE08058092	67F																																																																																																																																																																								

Figure 270 Connector Composites (*679 / 680)

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

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
--	--

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

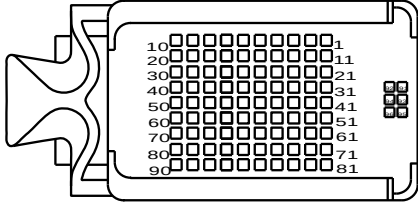
* W/ 2010 SCR 13L ENG

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

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				
ACM 96 WAY J1 (685)									
									
CONNECTOR 6113090C1 BODY LOCK 3743662C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	PLUG	-	-	-	42	A95E	20	TN	3743668C1
2	PLUG	-	-	-	43	PLUG	-	-	-
3	PLUG	-	-	-	44	PLUG	-	-	-
4	A95Y	18	TN	3743666C1	45	PLUG	-	-	-
5	A95AA	20	TN	3743668C1	46	PLUG	-	-	-
6	PLUG	-	-	-	47	PLUG	-	-	-
7	A95T	20	TN	3743668C1	48	PLUG	-	-	-
8	A95X	20	TN	3743668C1	49	PLUG	-	-	-
9	PLUG	-	-	-	50	PLUG	-	-	-
10	PLUG	-	-	-	51	PLUG	-	-	-
11	PLUG	-	-	-	52	A95S	18	TN	3743666C1
12	PLUG	-	-	-	53	A95F	20	TN	3743668C1
13	PLUG	-	-	-	54	PLUG	-	-	-
14	PLUG	-	-	-	55	A95W	20	TN	3743668C1
15	A5A(+)	20	YL	3743668C1	56	A95N	20	TN	3743668C1
16	A5A(-)	20	GN	3743668C1	57	PLUG	-	-	-
17	A95M	20	TN	3743668C1	58	PLUG	-	-	-
18	A95AG	20	TN	3743668C1	59	PLUG	-	-	-
19	PLUG	-	-	-	60	PLUG	-	-	-
20	PLUG	-	-	-	61	PLUG	-	-	-
21	PLUG	-	-	-	62	PLUG	-	-	-
22	PLUG	-	-	-	63	A95R	20	TN	3743668C1
23	PLUG	-	-	-	64	PLUG	-	-	-
24	PLUG	-	-	-	65	PLUG	-	-	-
25	PLUG	-	-	-	66	PLUG	-	-	-
26	PLUG	-	-	-	67	PLUG	-	-	-
27	PLUG	-	-	-	68	PLUG	-	-	-
28	A95U	18	TN	3743666C1	69	PLUG	-	-	-
29	A95Z	20	TN	3743668C1	70	A95D	20	TN	3743668C1
30	PLUG	-	-	-	71	PLUG	-	-	-
31	PLUG	-	-	-	72	A95AF	20	TN	3743668C1
32	A95AC	20	TN	3743668C1	73	PLUG	-	-	-
33	PLUG	-	-	-	74	PLUG	-	-	-
34	PLUG	-	-	-	75	PLUG	-	-	-
35	PLUG	-	-	-	76	PLUG	-	-	-
36	PLUG	-	-	-	77	A95A	20	TN	3743668C1
37	PLUG	-	-	-	78	PLUG	-	-	-
38	PLUG	-	-	-	79	A95AB	20	TN	3743668C1
39	PLUG	-	-	-	80	PLUG	-	-	-
40	PLUG	-	-	-	81	PLUG	-	-	-
41	PLUG	-	-	-	82	PLUG	-	-	-
					83	PLUG	-	-	-
					84	PLUG	-	-	-
					85	PLUG	-	-	-
					86	PLUG	-	-	-
					87	PLUG	-	-	-
					88	PLUG	-	-	-
					89	A95AH	20	TN	3743668C1
					90	PLUG	-	-	-
					91	PLUG	-	-	-
					92	PLUG	-	-	-
					93	PLUG	-	-	-
					94	PLUG	-	-	-
					95	PLUG	-	-	-
					96	PLUG	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
012	18APR13	INITIAL RELEASE.	A	91786V	MJV0088	CIRCUIT DIAGRAM, PAYSTAR,
					RELEASE NO.	DATE
					91786V	17APR13
					PART NO.	SHEET
					AE08058092	67H

Figure 272 Connector Composites (685)

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

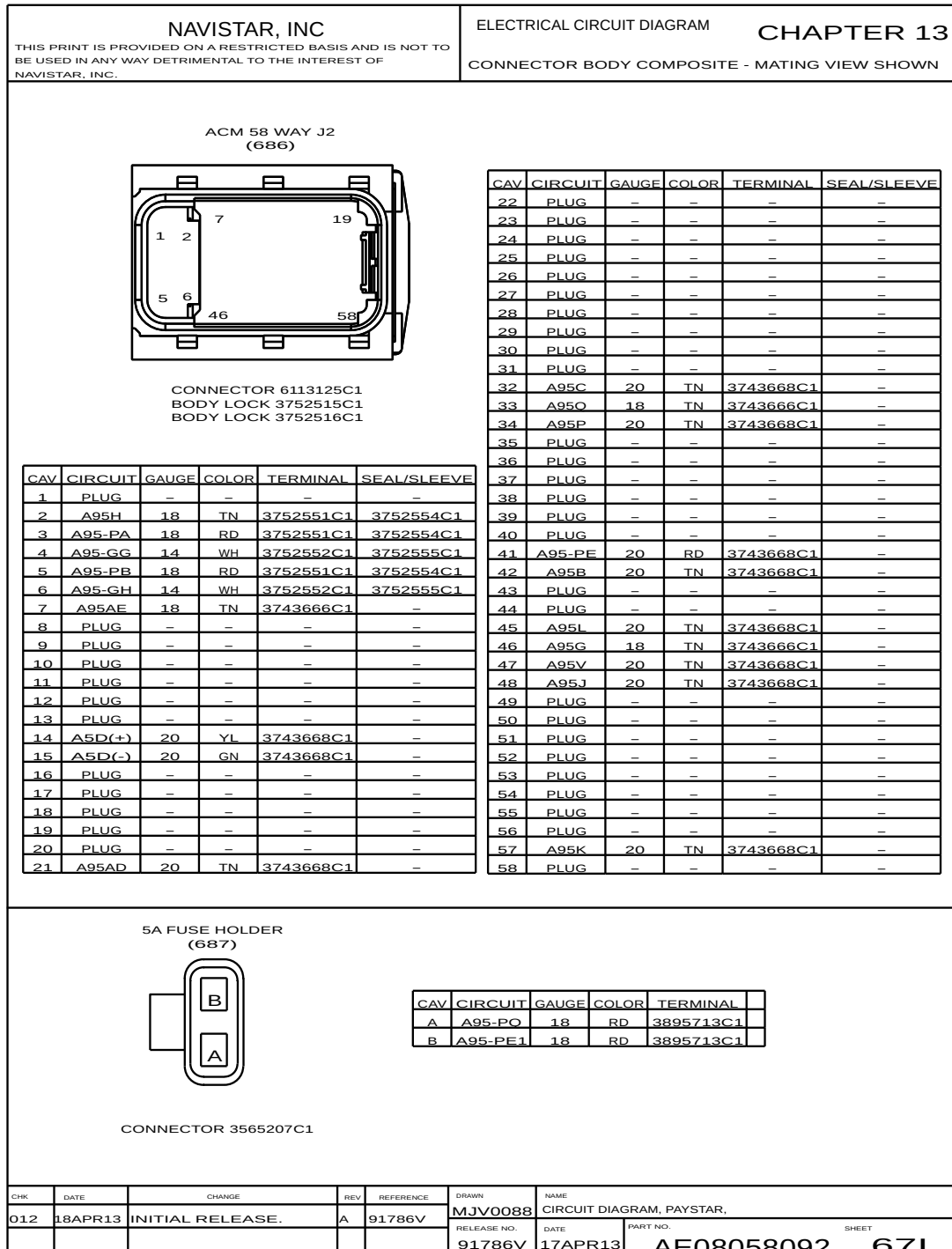


Figure 273 Connector Composites (686 / 687)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

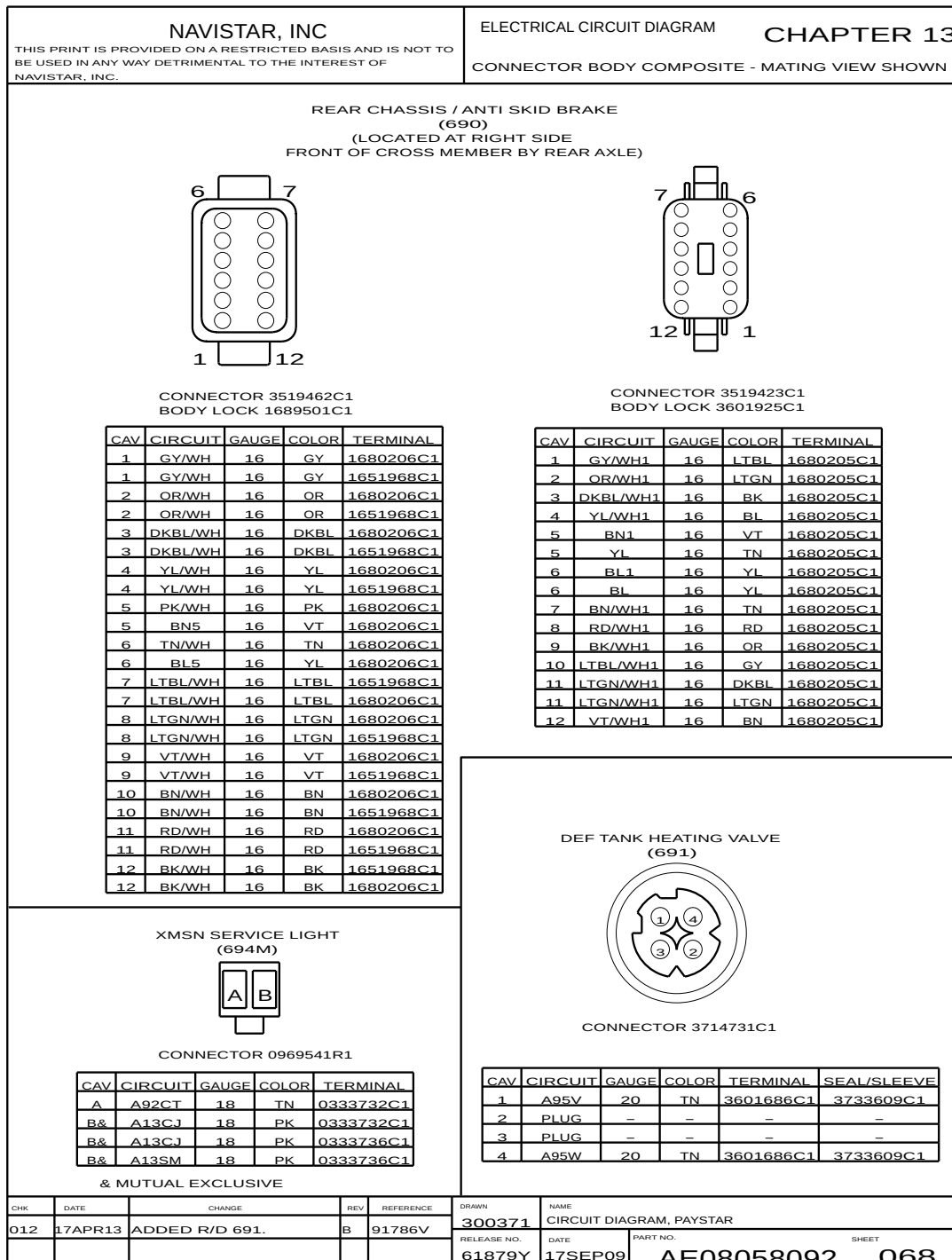


Figure 274 Connector Composites (690 / 691 / 694M)

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

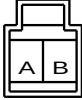
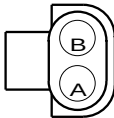
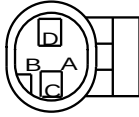
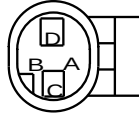
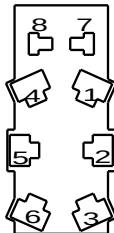
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																		
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SECONDARY MODE LIGHT (695F)  CONNECTOR 0481140C1				CTD SOLENOID (723M)  * W/ ALLISON HD & N/ RETARDER # W/ ALLISON HD & AUTO NEUTRAL CONNECTOR 0587568C91																																																				
<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>A92SM</td> <td>18</td> <td>TN</td> <td>0241117R1</td> <td></td> </tr> <tr> <td>B</td> <td>A13SM</td> <td>18</td> <td>PK</td> <td>0241117R1</td> <td></td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A92SM	18	TN	0241117R1		B	A13SM	18	PK	0241117R1		<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>A49</td> <td>18</td> <td>GY</td> <td>0587576C1</td> <td>1652325C1</td> </tr> <tr> <td>B*</td> <td>A49-G</td> <td>18</td> <td>GY</td> <td>0587576C1</td> <td>1652325C1</td> </tr> <tr> <td>B#</td> <td>A49-G</td> <td>18</td> <td>WH</td> <td>0587576C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A49	18	GY	0587576C1	1652325C1	B*	A49-G	18	GY	0587576C1	1652325C1	B#	A49-G	18	WH	0587576C1	1652325C1							
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PARK BRAKE SWITCH (741F)  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>A92TN2</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C*</td> <td>A92TN</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>C*</td> <td>A92TN</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C@@</td> <td>A92TN3</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>D</td> <td>A92-GX</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> * W/ ALLISON HD & N/ RETARDER # W/ ALLISON HD & AUTO NEUTRAL @@ W/ 500K BAUD RATE REGULATORY				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	-	-	-	-	-	B	-	-	-	-	-	C#	A92TN2	18	TN	1661875C1	1661872C1	C*	A92TN	18	TN	1661875C1	3568570C1	C*	A92TN	18	TN	1661875C1	1661872C1	C@@	A92TN3	18	TN	1661875C1	3568570C1	D	A92-GX	18	TN	1661875C1	1661872C1	
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PARK BRAKE SWITCH (742F)  1661777C1 CONN 1661873C1 LOCK				<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>C</td> <td>A92DL</td> <td>18</td> <td>TN</td> <td>3594831C1</td> <td>1661872C1</td> </tr> <tr> <td>D</td> <td>A92DM</td> <td>18</td> <td>TN</td> <td>3594831C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	C	A92DL	18	TN	3594831C1	1661872C1	D	A92DM	18	TN	3594831C1	1661872C1																															
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D	A92DM	18	TN	3594831C1	1661872C1																																																			
WABCO ATC MUD / SNOW SWITCH (753)  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>A11-GR</td> <td>16</td> <td>WH</td> <td rowspan="2">1661226C1</td> </tr> <tr> <td></td> <td>A94-GB</td> <td>18</td> <td>WH</td> </tr> <tr> <td>6</td> <td>A94BE</td> <td>16</td> <td>GY</td> <td>1661226C1</td> </tr> <tr> <td>7</td> <td>A62AJ</td> <td>16</td> <td>DKBL</td> <td>1661209C1</td> </tr> <tr> <td>8</td> <td>A94-GB</td> <td>18</td> <td>WH</td> <td>1661209C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	-	-	-	-	3	-	-	-	-	4	-	-	-	-	5	A11-GR	16	WH	1661226C1		A94-GB	18	WH	6	A94BE	16	GY	1661226C1	7	A62AJ	16	DKBL	1661209C1	8	A94-GB	18	WH	1661209C1
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3	-	-	-	-																																																				
4	-	-	-	-																																																				
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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

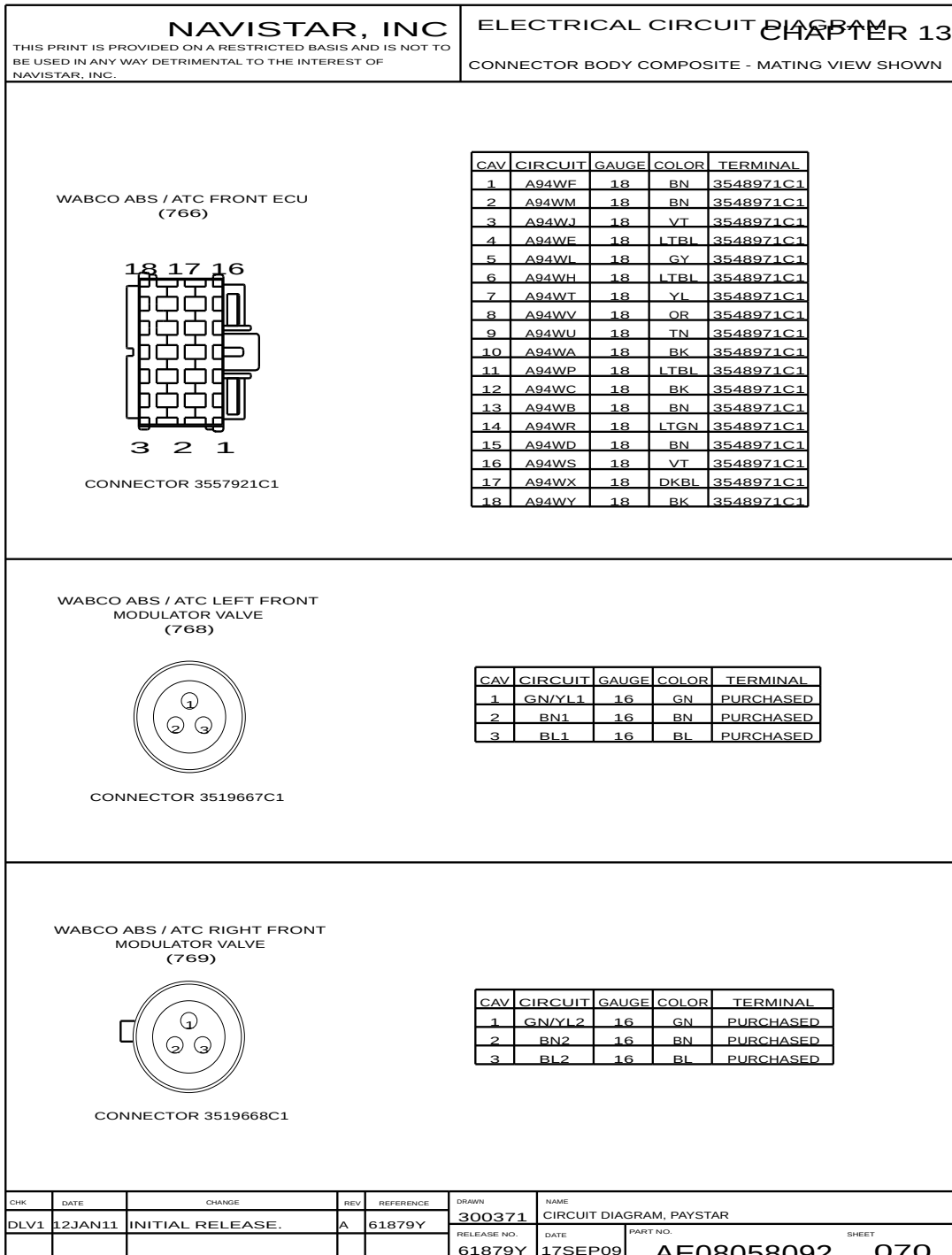


Figure 276 Connector Composites (766 / 768 / 769)

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

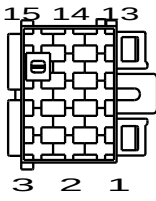
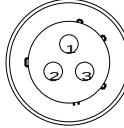
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 WABCO ABS / ATC RIGHT FRONT WHEEL SPEED SENSOR IN - LINE CONNECTOR (770)  CONNECTOR 3519666C1										<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>BN3</td><td>16</td><td>BK</td><td>PURCHASED</td></tr><tr><td>2</td><td>BN3</td><td>16</td><td>BN</td><td>PURCHASED</td></tr></tbody></table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	BN3	16	BK	PURCHASED	2	BN3	16	BN	PURCHASED																																																																	
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 WABCO CAB ABS ECU (771)  CONNECTOR 3557922C1 BODY LOCK 3549120C1										<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>GN1(-)</td><td>18</td><td>GN</td><td>3548971C1</td></tr><tr><td>2</td><td>A94T</td><td>18</td><td>GY</td><td>3548971C1</td></tr><tr><td>3</td><td>YL1(+)</td><td>18</td><td>YL</td><td>3548971C1</td></tr><tr><td>4</td><td>A94-GB</td><td>16</td><td>GY</td><td>3548972C1</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>A13Y</td><td>14</td><td>PK</td><td>3548972C1</td></tr><tr><td>8</td><td>A94K</td><td>14</td><td>GY</td><td>3548972C1</td></tr><tr><td>9</td><td>A94-GA</td><td>16</td><td>GY</td><td>3548970C1</td></tr><tr><td>10</td><td>A98K(-)</td><td>16</td><td>DKBL</td><td>3548972C1</td></tr><tr><td>11</td><td>A98J(+)</td><td>16</td><td>RD</td><td>3548972C1</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>A94H</td><td>16</td><td>GY</td><td>3548970C1</td></tr></tbody></table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	GN1(-)	18	GN	3548971C1	2	A94T	18	GY	3548971C1	3	YL1(+)	18	YL	3548971C1	4	A94-GB	16	GY	3548972C1	5	-	-	-	-	6	-	-	-	-	7	A13Y	14	PK	3548972C1	8	A94K	14	GY	3548972C1	9	A94-GA	16	GY	3548970C1	10	A98K(-)	16	DKBL	3548972C1	11	A98J(+)	16	RD	3548972C1	12	-	-	-	-	13	-	-	-	-	14	-	-	-	-	15	A94H	16	GY	3548970C1
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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

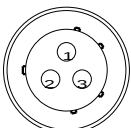
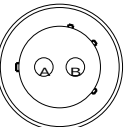
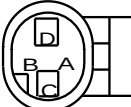
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2	BL	16	BL	PURCHASED																																			
3	BN	16	BL	PURCHASED																																			
WABCO ABS / ATC RIGHT REAR WHEEL SPEED SENSOR IN - LINE CONNECTOR (777)  CONNECTOR PURCHASED <table border="1" style="width: 100%; border-collapse: 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>BK1</td> <td>18</td> <td>BK</td> <td>PURCHASED</td> </tr> <tr> <td>B</td> <td>BN1</td> <td>18</td> <td>BN</td> <td>PURCHASED</td> </tr> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	BK1	18	BK	PURCHASED	B	BN1	18	BN	PURCHASED															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																			
A	BK1	18	BK	PURCHASED																																			
B	BN1	18	BN	PURCHASED																																			
WABCO ABS / ATC LEFT REAR MODULATOR VALVE (778)  CONNECTOR PURCHASED <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>YL</td> <td>16</td> <td>TN</td> <td>PURCHASED</td> </tr> <tr> <td>B</td> <td>BL</td> <td>16</td> <td>WH</td> <td>PURCHASED</td> </tr> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	YL	16	TN	PURCHASED	B	BL	16	WH	PURCHASED															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																			
A	YL	16	TN	PURCHASED																																			
B	BL	16	WH	PURCHASED																																			
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
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																		
A	-	-	-	-	-																																		
B	-	-	-	-	-																																		
C	N92PS	18	TN	1661875C1	1661872C1																																		
D	N92-GW	18	TN	1661875C1	1661872C1																																		
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		072																															

Figure 278 Connector Composites (776 / 777 / 778 / 800F)

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

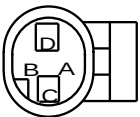
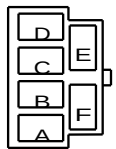
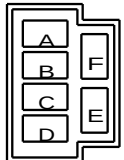
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM																																				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CHAPTER 13																																				
					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																				
PARKING BRAKE PRESSURE SWITCH (800M)  CONNECTOR 1661777C1 BODY LOCK 1661873C1 <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>-</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					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																				
A	-	-	-	-	-																																				
B	-	-	-	-	-																																				
C	A43C	16	GY	1661875C1	1661872C1																																				
D	A43B	16	GY	1661875C1	1661872C1																																				
TURN SIGNAL JUMPER (SWITCH) (808M)  CONNECTOR 0258058C1 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>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
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																					
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TURN SIGNAL JUMPER CAB (809F)  CONNECTOR 0258059C2 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A57AJ</td> <td>12</td> <td>OR</td> <td>0188392R2</td> </tr> <tr> <td>B</td> <td>A57BJ</td> <td>12</td> <td>OR</td> <td>0188392R2</td> </tr> <tr> <td>C</td> <td>A56BJ</td> <td>12</td> <td>OR</td> <td>0188392R2</td> </tr> <tr> <td>D</td> <td>A56AJ</td> <td>12</td> <td>OR</td> <td>0188392R2</td> </tr> <tr> <td>E</td> <td>A55AJ</td> <td>12</td> <td>OR</td> <td>0188392R2</td> </tr> <tr> <td>F</td> <td>A70AJ</td> <td>12</td> <td>OR</td> <td>0188392R2</td> </tr> </tbody> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A57AJ	12	OR	0188392R2	B	A57BJ	12	OR	0188392R2	C	A56BJ	12	OR	0188392R2	D	A56AJ	12	OR	0188392R2	E	A55AJ	12	OR	0188392R2	F	A70AJ	12	OR	0188392R2
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																					
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					AE08058092	073																																			

Figure 279 Connector Composites (800M / 808M / 809F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

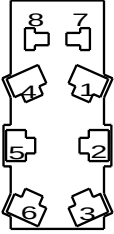
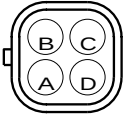
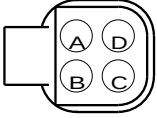
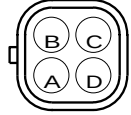
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																			
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LEFT MOTORIZED MIRROR SWITCH (823M)  CONNECTOR 2009385C1 <table border="1" style="font-size: x-small; border-collapse: collapse;"> <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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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																																																																					
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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B	N56F	14	YL	0587577C1	0589391C1																																																																				
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D	PLUG	-	-	0587579C1	-																																																																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CHK</th><th>DATE</th><th>CHANGE</th><th>REV</th><th>REFERENCE</th><th>DRAWN</th><th>NAME</th></tr> <tr> <td>MJVO</td><td>13MAR16</td><td>R/D 851F WAS 851.</td><td>C</td><td>93408S</td><td>300371</td><td>CIRCUIT DIAGRAM, PAYSTAR</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td>RELEASE NO.</td><td>DATE</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td>61879Y</td><td>17SEP09</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td>PART NO.</td><td>SHEET</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td>AE08058092</td><td>074</td></tr> </table>								CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	MJVO	13MAR16	R/D 851F WAS 851.	C	93408S	300371	CIRCUIT DIAGRAM, PAYSTAR						RELEASE NO.	DATE						61879Y	17SEP09						PART NO.	SHEET						AE08058092	074																								
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Figure 280 Connector Composites (823M / 851 / *851M / 854)

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

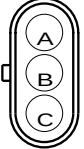
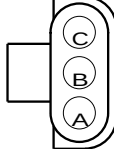
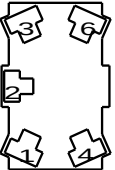
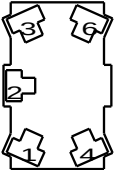
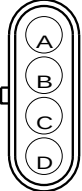
NAVISTAR, INC						ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																								
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ENGINE / RETARDER INTENSITY (873)																																														
																																														
CONNECTOR 0587569C91						CONNECTOR 0587570C91																																								
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																			
A	K92RE	16	TN	0587577C1	1652325C1	A	A92RE	18	TN	0587576C1	1652325C1																																			
B	K92RF	16	TN	0587577C1	1652325C1	B	A92RF	18	TN	0587576C1	1652325C1																																			
C	K92RG	16	TN	0587577C1	1652325C1	C	A92RG	18	TN	0587576C1	1652325C1																																			
RETARDER ON / OFF (875M)																																														
						<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>A92AA</td><td>16</td><td>TN</td><td>1661226C1</td></tr> <tr><td>2</td><td>A92-GU</td><td>18</td><td>TN</td><td>1661224C1</td></tr> <tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A92AA	16	TN	1661226C1	2	A92-GU	18	TN	1661224C1	3	-	-	-	-	4	-	-	-	-	5	-	-	-	-	6	-	-	-	-
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																										
1	A92AA	16	TN	1661226C1																																										
2	A92-GU	18	TN	1661224C1																																										
3	-	-	-	-																																										
4	-	-	-	-																																										
5	-	-	-	-																																										
6	-	-	-	-																																										
CONNECTOR 1687783C1																																														
RETARDER SELECTOR SWITCH (876M)																																														
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																										
1	-	-	-	-																																										
2	A92RC	16	TN	1661226C1																																										
3	A92RB	16	TN	1661226C1																																										
4	A92RA	16	TN	1661226C1																																										
5	-	-	-	-																																										
6	A92RD	16	TN	1661226C1																																										
CONNECTOR 1687783C1																																														
RETARDER RESISTANCE MODULE - CAB (878F)																																														
						<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>A92RA</td><td>16</td><td>TN</td><td>0587577C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>A92RB</td><td>16</td><td>TN</td><td>0587577C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>A92RC</td><td>16</td><td>TN</td><td>0587577C1</td><td>1652325C1</td></tr> <tr><td>D</td><td>A92RD</td><td>16</td><td>TN</td><td>0587577C1</td><td>1652325C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A92RA	16	TN	0587577C1	1652325C1	B	A92RB	16	TN	0587577C1	1652325C1	C	A92RC	16	TN	0587577C1	1652325C1	D	A92RD	16	TN	0587577C1	1652325C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																									
A	A92RA	16	TN	0587577C1	1652325C1																																									
B	A92RB	16	TN	0587577C1	1652325C1																																									
C	A92RC	16	TN	0587577C1	1652325C1																																									
D	A92RD	16	TN	0587577C1	1652325C1																																									
CONNECTOR 0587571C91																																														
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	075																																						

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

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

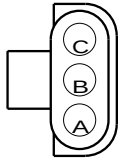
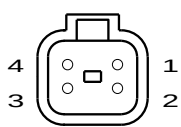
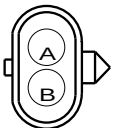
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																										
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																												
RETARDER RESISTANCE 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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B	K77AE	14	LTGN	0587577C1	0589391C1																											
<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>012</td> <td>17APR13</td> <td>ADDED:CIRC K23C IN</td> <td>B</td> <td>91786V</td> <td>300371</td> <td>CIRCUIT DIAGRAM, PAYSTAR</td> </tr> <tr> <td></td> <td>R/D 887</td> <td>& ADDED R/D 884F.</td> <td></td> <td></td> <td>61879Y</td> <td>17SEP09</td> </tr> </tbody> </table> PART NO. AE08058092 SHEET 076								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				
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

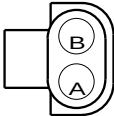
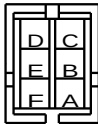
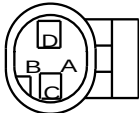
NAVISTAR, INC THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																																						
CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																														
ENGINE CONN (887M)  CONNECTOR 0587568C91 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>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; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>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	-	-	-	-																																										
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F	A77AL	16	LT GN	1661209C1																																										
PARK BRAKE SWITCH (931F)  CONNECTOR 1661777C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>-</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																																										
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C	ORANGE	16	OR	1661875C1																																										
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																								
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					RELEASE NO.	DATE																																								
					91786V	12MAR13																																								

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

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

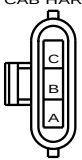
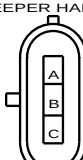
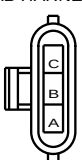
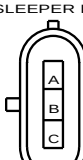
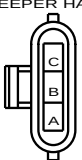
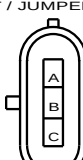
NAVISTAR, INC						ELECTRICAL CIRCUIT DIAGRAM						CHAPTER 13	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.						CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN							
TRAILER SOCKET #1 (922M) (LOCATED BEHIND DRIVER'S SEAT AT 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

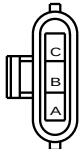
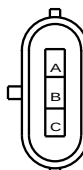
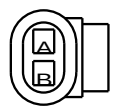
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13																																																				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																									
TRAILER SOCKET #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																																																									
A	A58S	12	BN	1667737C1	1667735C1																																																									
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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: 10px 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: 10px 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: 10px 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																																																										
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B	A65C	16	OR	1661209C1																																																										
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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

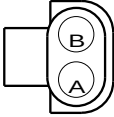
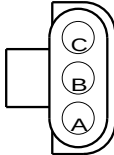
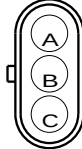
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM																									
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CHAPTER 13																									
CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																														
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

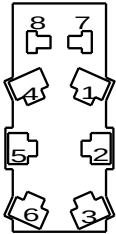
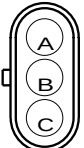
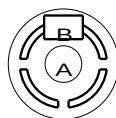
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																		
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AUTO NEUTRAL SWITCH (958)																																																																								
																																																																								
CONNECTOR 2009385C1																																																																								
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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																																																																				
				@@ W/ 500K BAUD RATE REGULATORY																																																																				
REMOTE CRUISE (958F)																																																																								
																																																																								
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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																																																																			
				* W/ REMOTE CRUISE # W/ ROCKWELL & EATON REMOTE CRUISE & W/ 11/13L IBB SCR																																																																				
AUTO NEUTRAL INDICATOR (961)																																																																								
																																																																								
CONNECTOR 0161998R1																																																																								
				<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																																								
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A@@	A92TN2	18	TN	0333732C1																																																																				
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B@@	A13CM	18	PK	0333732C1																																																																				
				@@ W/ 500K BAUD RATE REGULATORY																																																																				
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CONNECTOR 1661202C1																																																																								
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Figure 287 Connector Composites (958 / 958F / 961)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

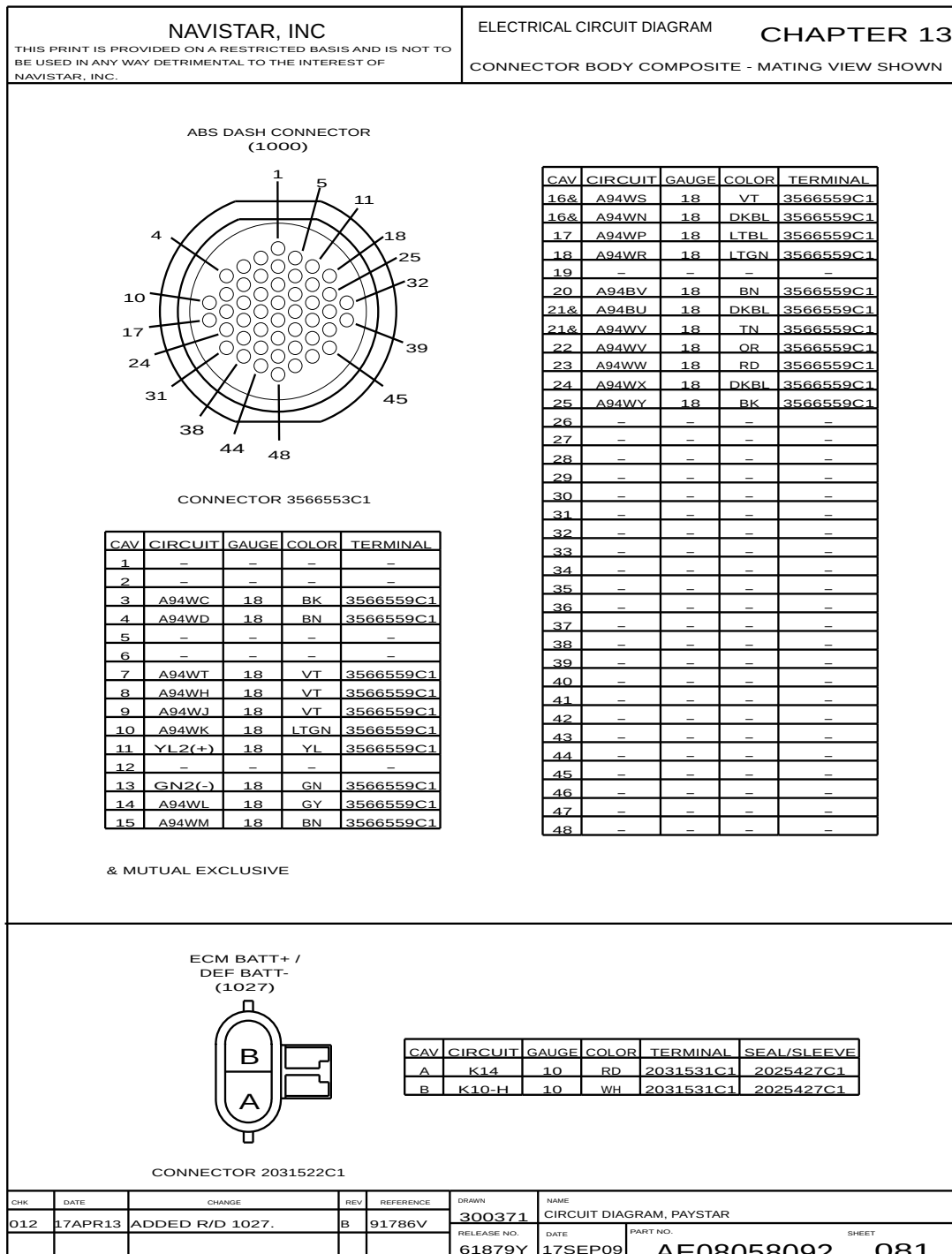


Figure 288 Connector Composites (1000 / 1027)

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

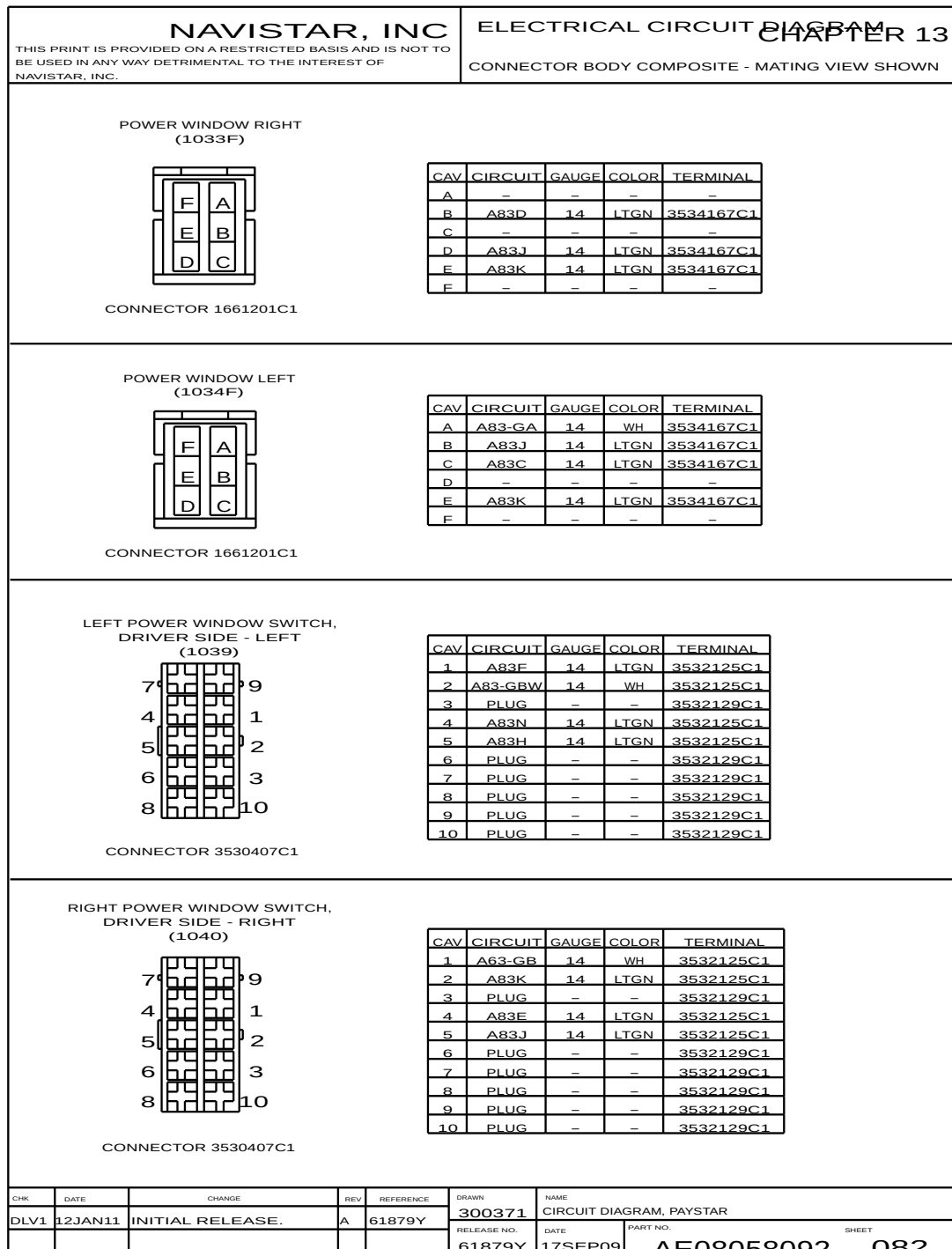


Figure 289 Connector Composites (1033F / 1034F / 1039 / 1040)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

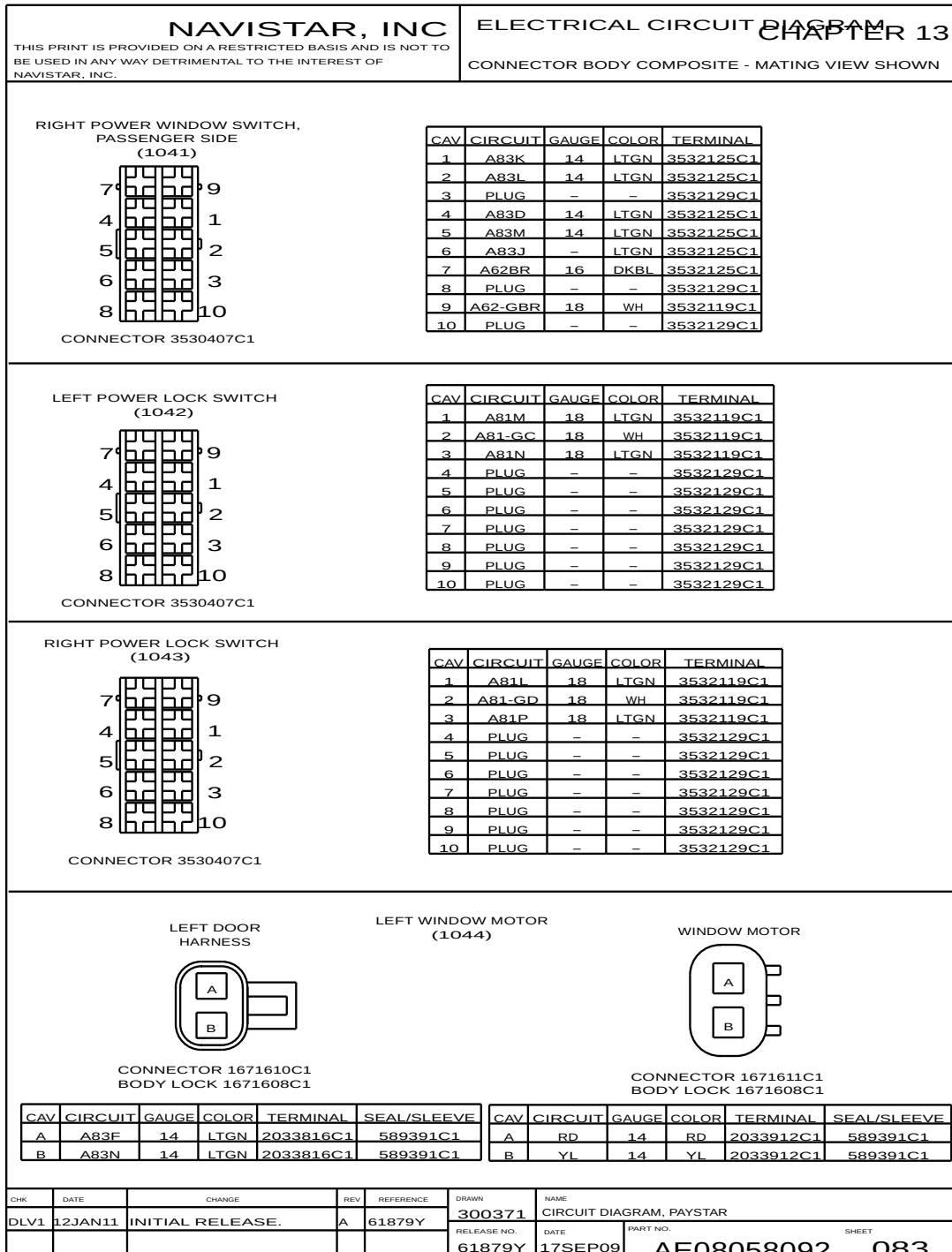


Figure 290 Connector Composites (1041 / 1042 / 1043 / 1044)

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

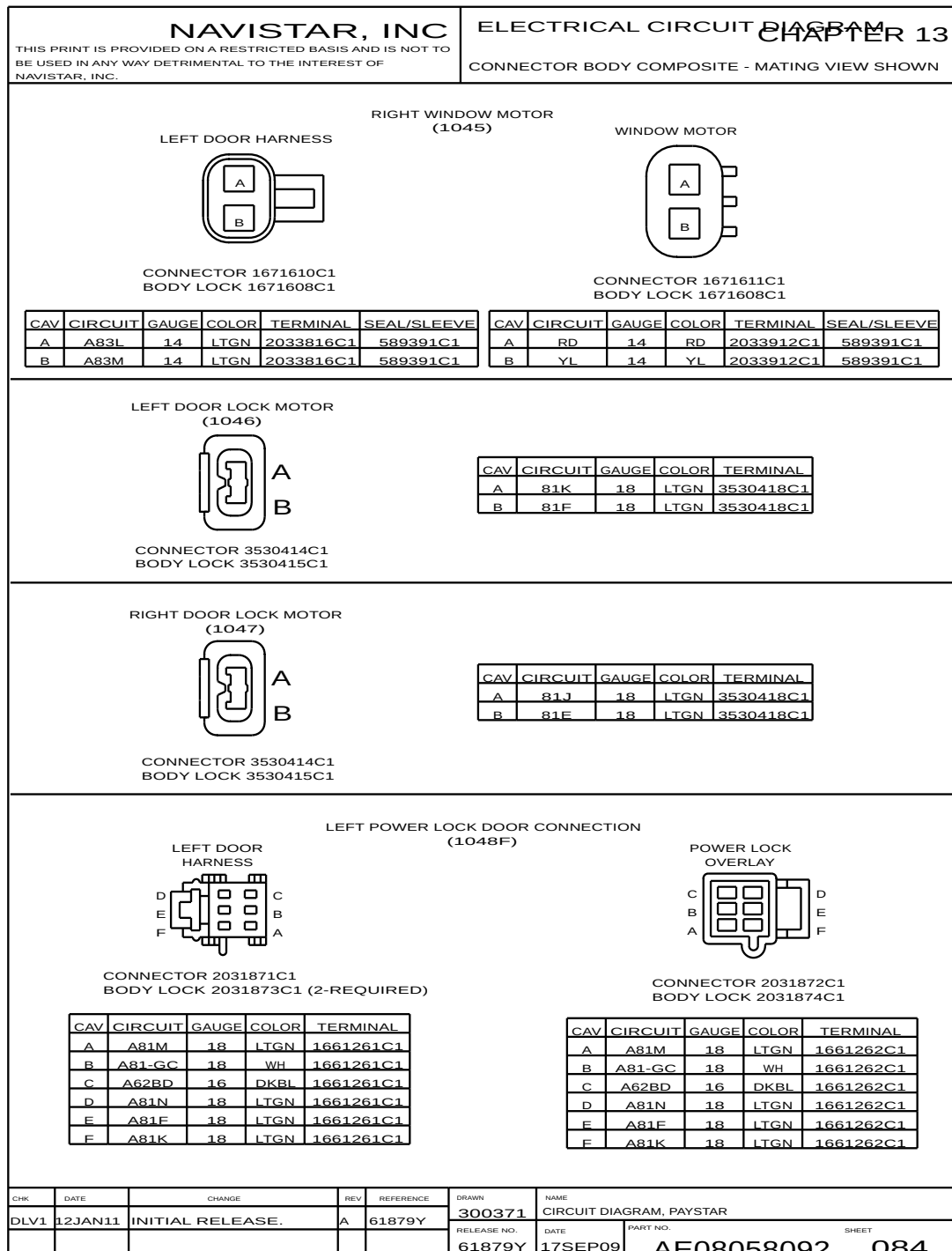


Figure 291 Connector Composites (1045 / 1046 / 1047 / 1048F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

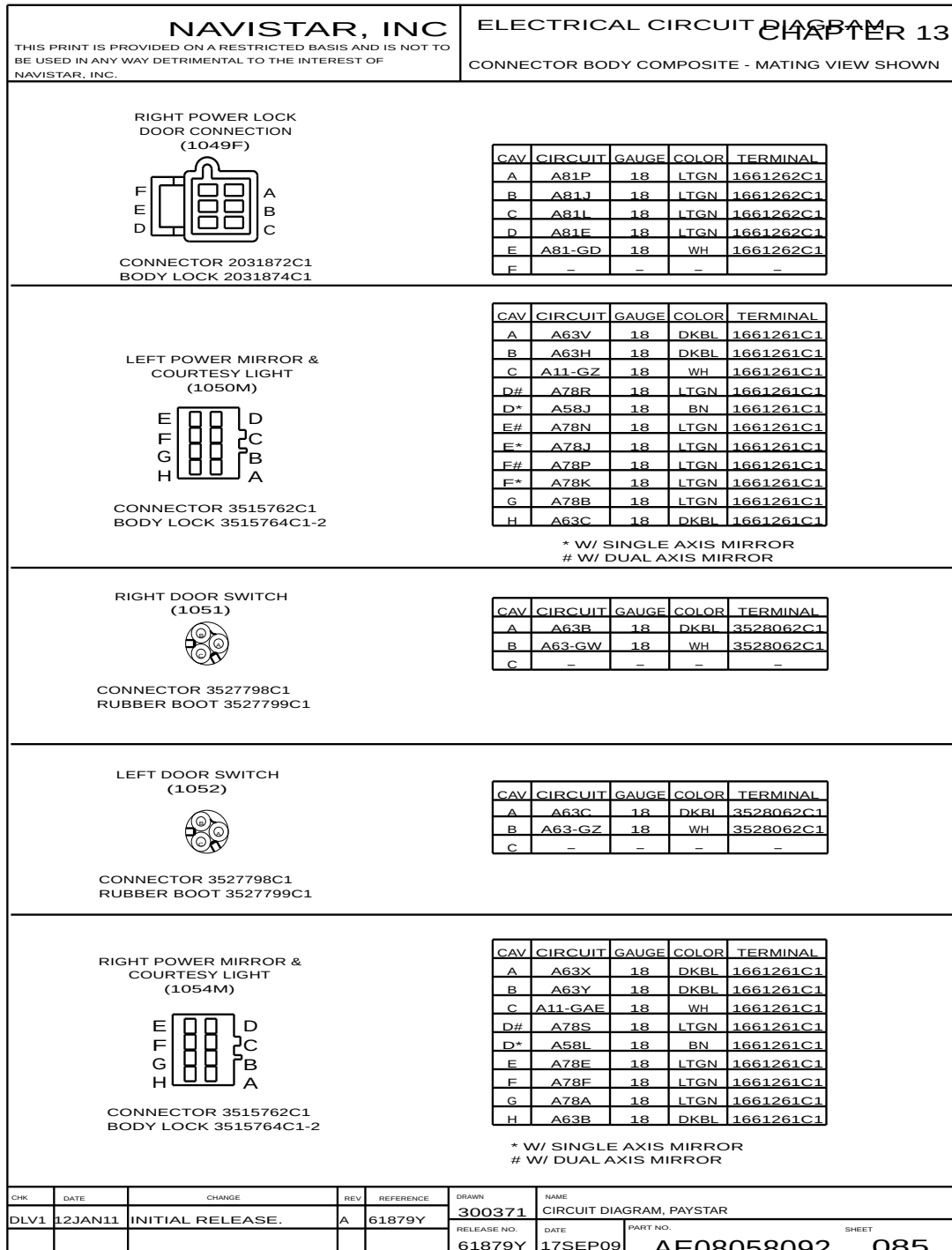


Figure 292 Connector Composites (1049F / 1050M / 1051 / 1052 / 1054M)

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

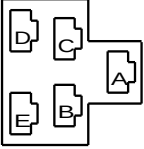
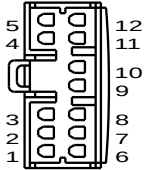
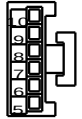
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																		
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																				
BLOWER CONTROLLER SWITCH (1056M) (LOCATED IN SLEEPER CONTROL PANEL)																																																																								
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					61879Y	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

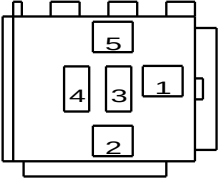
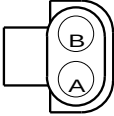
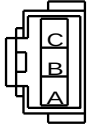
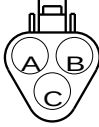
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																									
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ABS / XMSN INTERRUPT RELAY (1065M) 					<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <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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CONNECTOR 0593385C1 BODY LOCK 0593387C1																																																
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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																									
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J1939 ALLISON DIAG (1095F) 					<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>K98YL5</td> <td>18</td> <td>YL</td> <td>1680205C1</td> </tr> <tr> <td>B</td> <td>K98GN5</td> <td>18</td> <td>GN</td> <td>1680205C1</td> </tr> <tr> <td>C</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>0453133C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K98YL5	18	YL	1680205C1	B	K98GN5	18	GN	1680205C1	C	PLUG	-	-	0453133C1																				
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B	K98GN5	18	GN	1680205C1																																												
C	PLUG	-	-	0453133C1																																												
CONNECTOR 3601919C1 BODY LOCK 3601921C1																																																
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.	SHEET																																								
					61879Y	17SEP09	AE08058092	087																																								

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

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

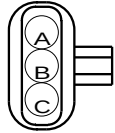
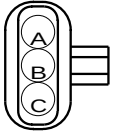
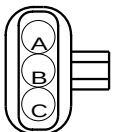
NAVISTAR, INC THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																																			
ALLISON DIAG (1095F)  CONNECTOR 1667740C1 BODY LOCK 1667771C1				<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>K98YL5</td> <td>18</td> <td>YL</td> <td>1667742C1</td> <td>3568570C1</td> </tr> <tr> <td>B</td> <td>K98GN5</td> <td>18</td> <td>GN</td> <td>1667742C1</td> <td>3568570C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K98YL5	18	YL	1667742C1	3568570C1	B	K98GN5	18	GN	1667742C1	3568570C1																																																																														
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J1939 BACKBONE (1097)  CONNECTOR 1667741C1 BODY LOCK 1667771C1				<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>K98YL1</td> <td>18</td> <td>YL</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>A#</td> <td>K5R(+)</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>K98GN1</td> <td>18</td> <td>GN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>C#</td> <td>K5R(-)</td> <td>18</td> <td>GN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table> * W/ ALLISON XMSN # W/ AUTOSHIFT, ULTRASHIFT & FREEDOMLINE XMSN				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	K98YL1	18	YL	1661875C1	3568570C1	A#	K5R(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	C*	K98GN1	18	GN	1661875C1	3568570C1	C#	K5R(-)	18	GN	1661875C1	3568570C1																																																												
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B	PLUG	-	-	2025431C1	-																																																																																																		
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C#	K5R(-)	18	GN	1661875C1	3568570C1																																																																																																		
J1939 ENGINE DATALINK (1097F)  CONNECTOR 1667740C1 BODY LOCK 1667771C1				<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>YL1(+)</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>GN1(-)</td> <td>18</td> <td>GN</td> <td>1667742C1</td> <td>3568570C1</td> </tr> </tbody> </table> W/ ABS <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>K98YL1</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>K98GN1</td> <td>18</td> <td>GN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table> W/ CUMMINS AHD & ISM W/ CAT C10, C12 & 3406E <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>98YL4(+)</td> <td>18</td> <td>YL</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>2025431C1</td> <td>-</td> </tr> <tr> <td>C</td> <td>98GN3(-)</td> <td>18</td> <td>GN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> W/ CUMMINS N14 DD 60 OR 80 SERIES <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>98YL1(+)</td> <td>18</td> <td>YL</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>2025431C1</td> <td>-</td> </tr> <tr> <td>C</td> <td>98GN1(-)</td> <td>18</td> <td>GN</td> <td>1667742C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	YL1(+)	18	YL	1667742C1	3568570C1	B	PLUG	-	-	2025431C1	-	C	GN1(-)	18	GN	1667742C1	3568570C1	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K98YL1	18	YL	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	C	K98GN1	18	GN	1661875C1	3568570C1	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	98YL4(+)	18	YL	1661875C1	1661872C1	B	PLUG	-	-	2025431C1	-	C	98GN3(-)	18	GN	1661875C1	1661872C1	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	98YL1(+)	18	YL	1667742C1	1661872C1	B	PLUG	-	-	2025431C1	-	C	98GN1(-)	18	GN	1667742C1	1661872C1
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					PART NO.	SHEET																																																																																																	
					AE08058092	088																																																																																																	

Figure 295 Connector Composites (1095F / 1097 / 1097F / 1098F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

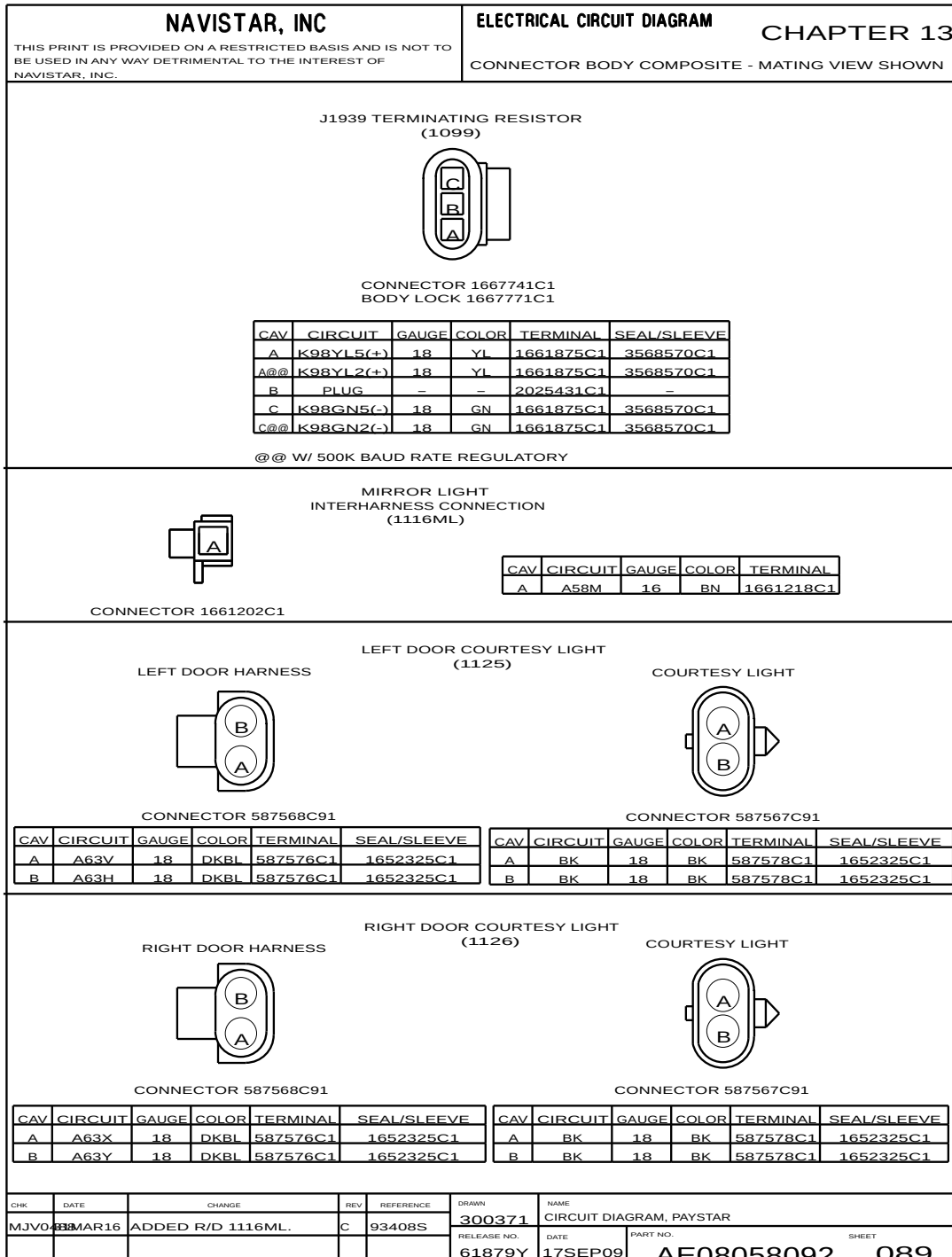


Figure 296 Connector Composites (1099 / 1110 / 1125 / 1126)

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

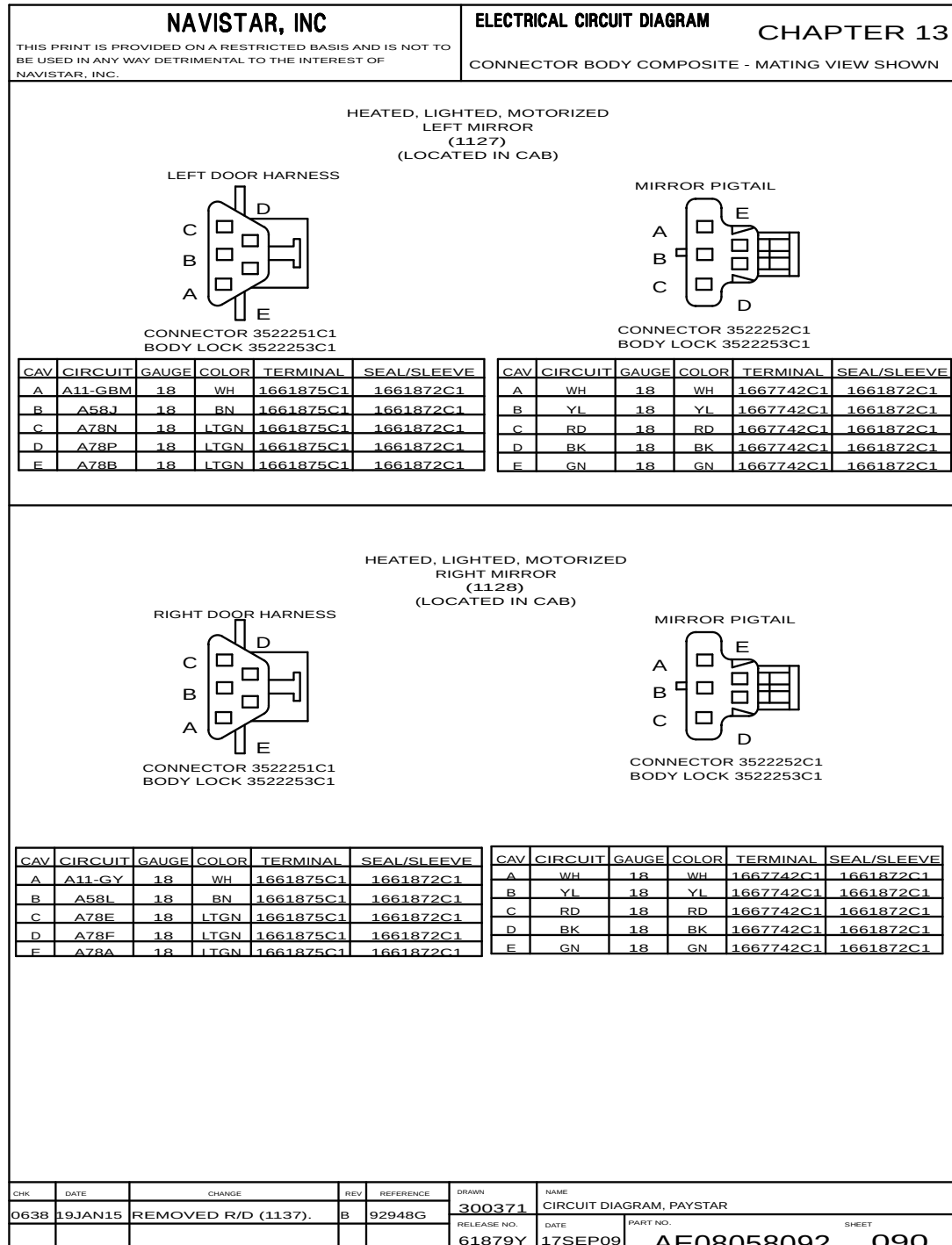


Figure 297 Connector Composites (1127 / 1128)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

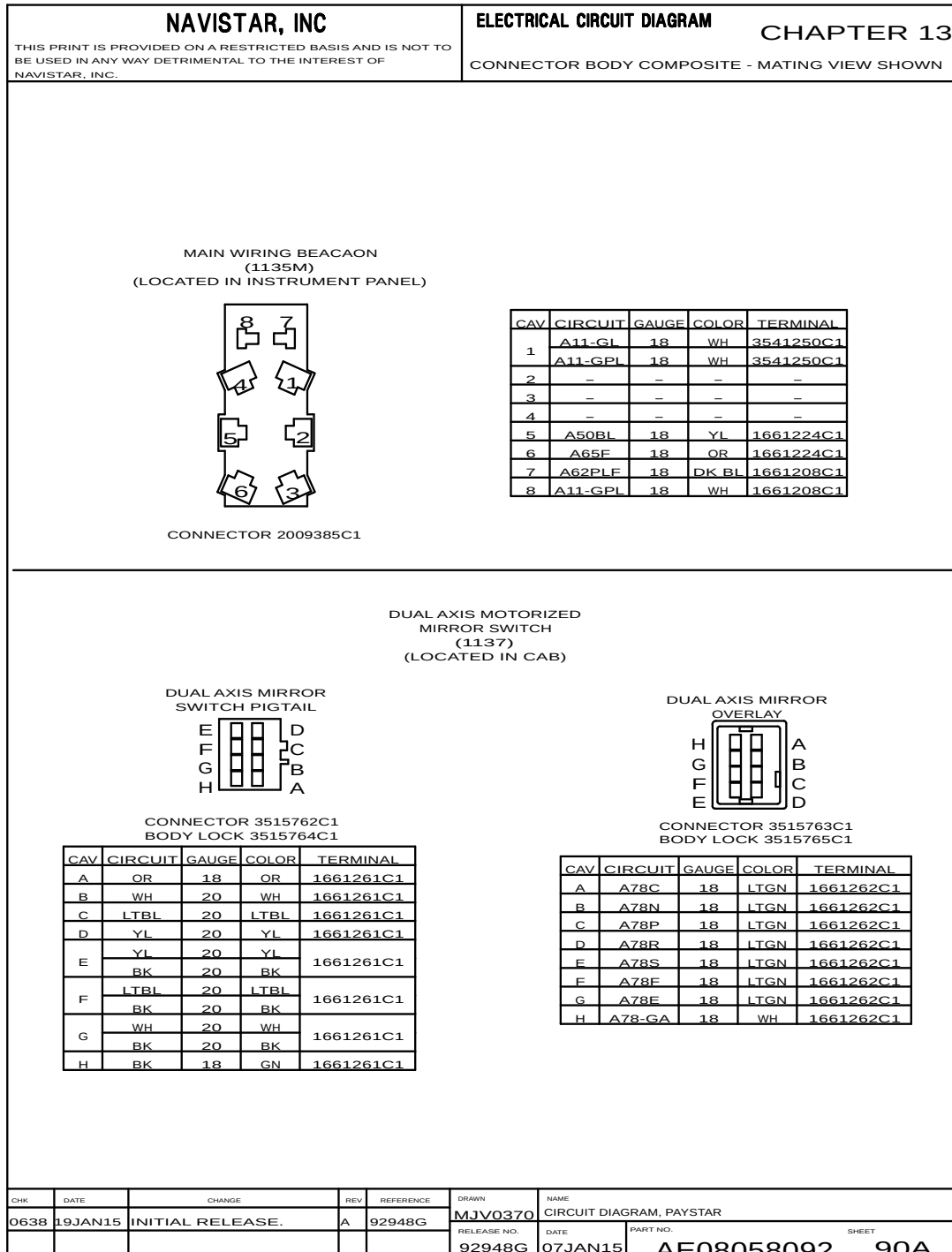


Figure 298 Connector Composites (1135M / 1137)

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

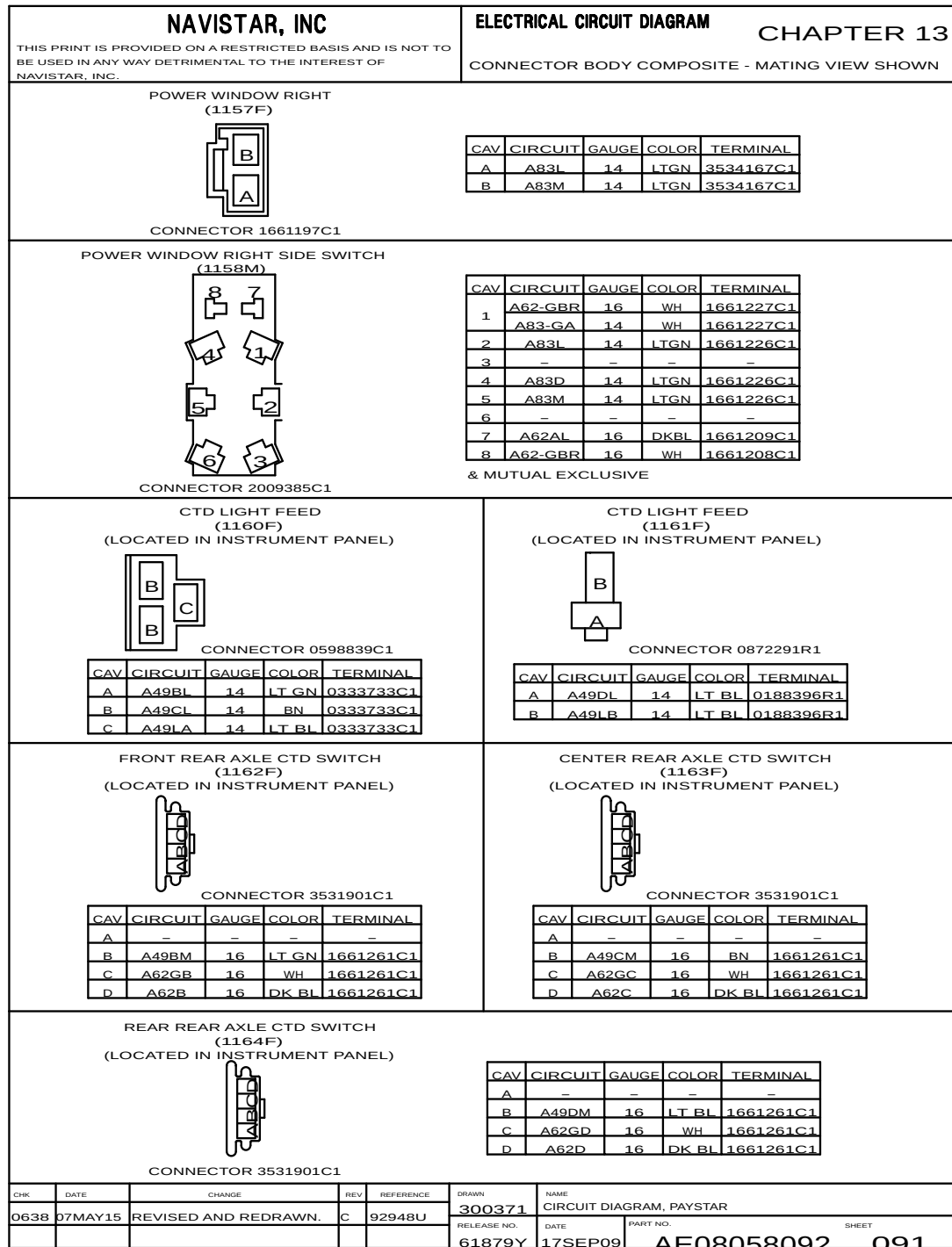


Figure 299 Connector Composites (1157F / 1158M / 1160F / 1161F, 1162F, 1163F, 1164F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

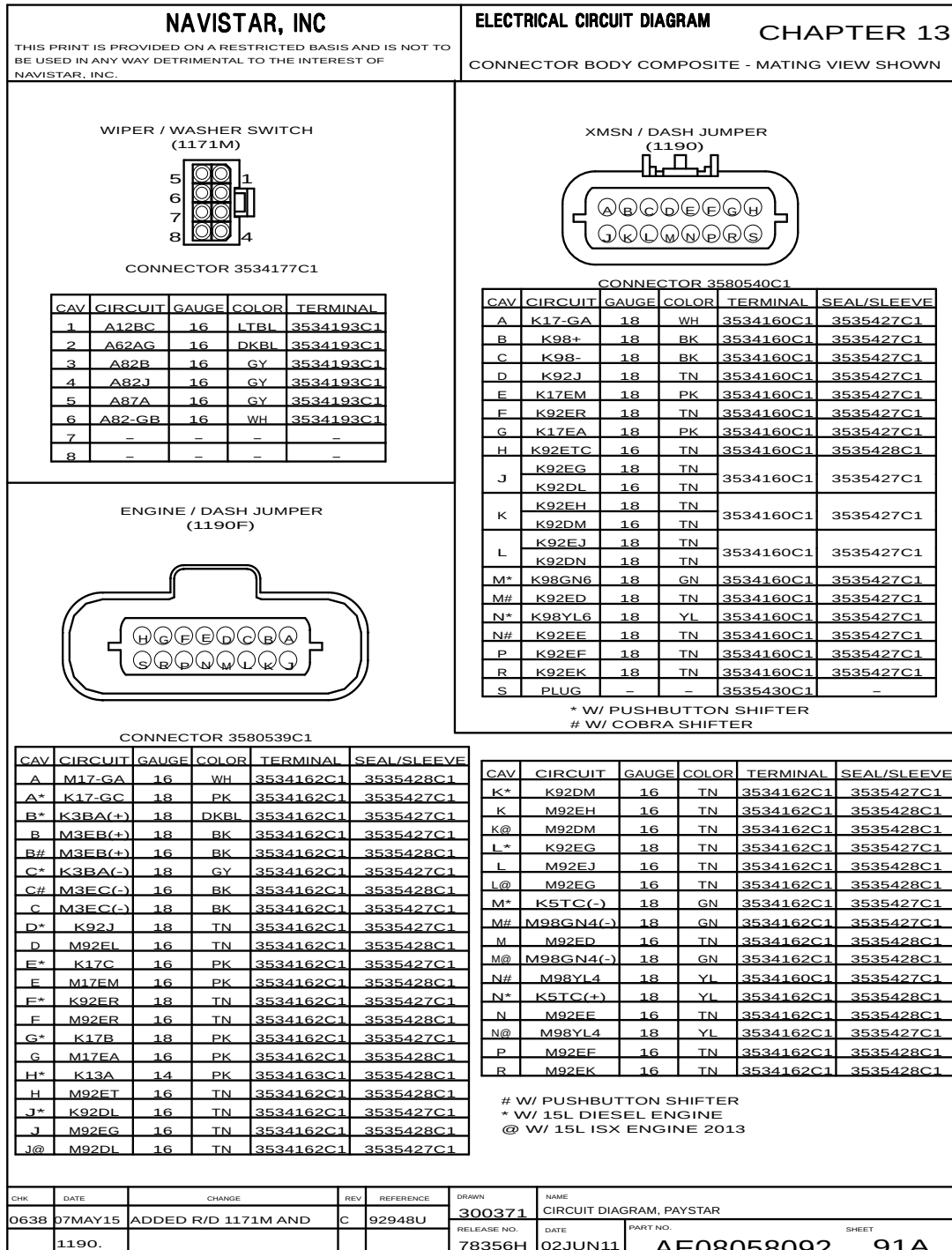


Figure 300 Connector Composite (1171M / 1190 / 1190F)

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

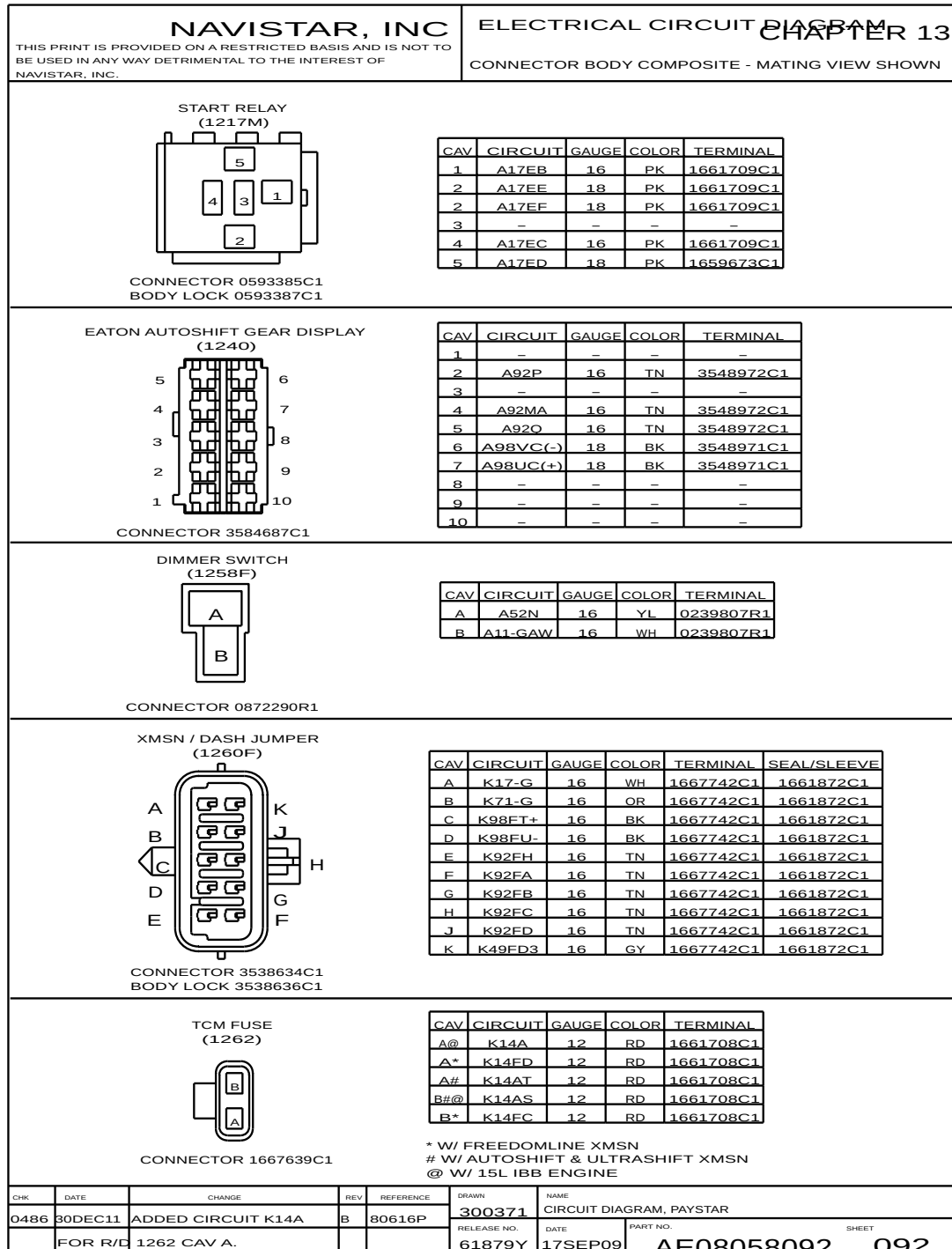


Figure 301 Connector Composites (1217M / 1240 / 1258F / 1260F / 1262)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

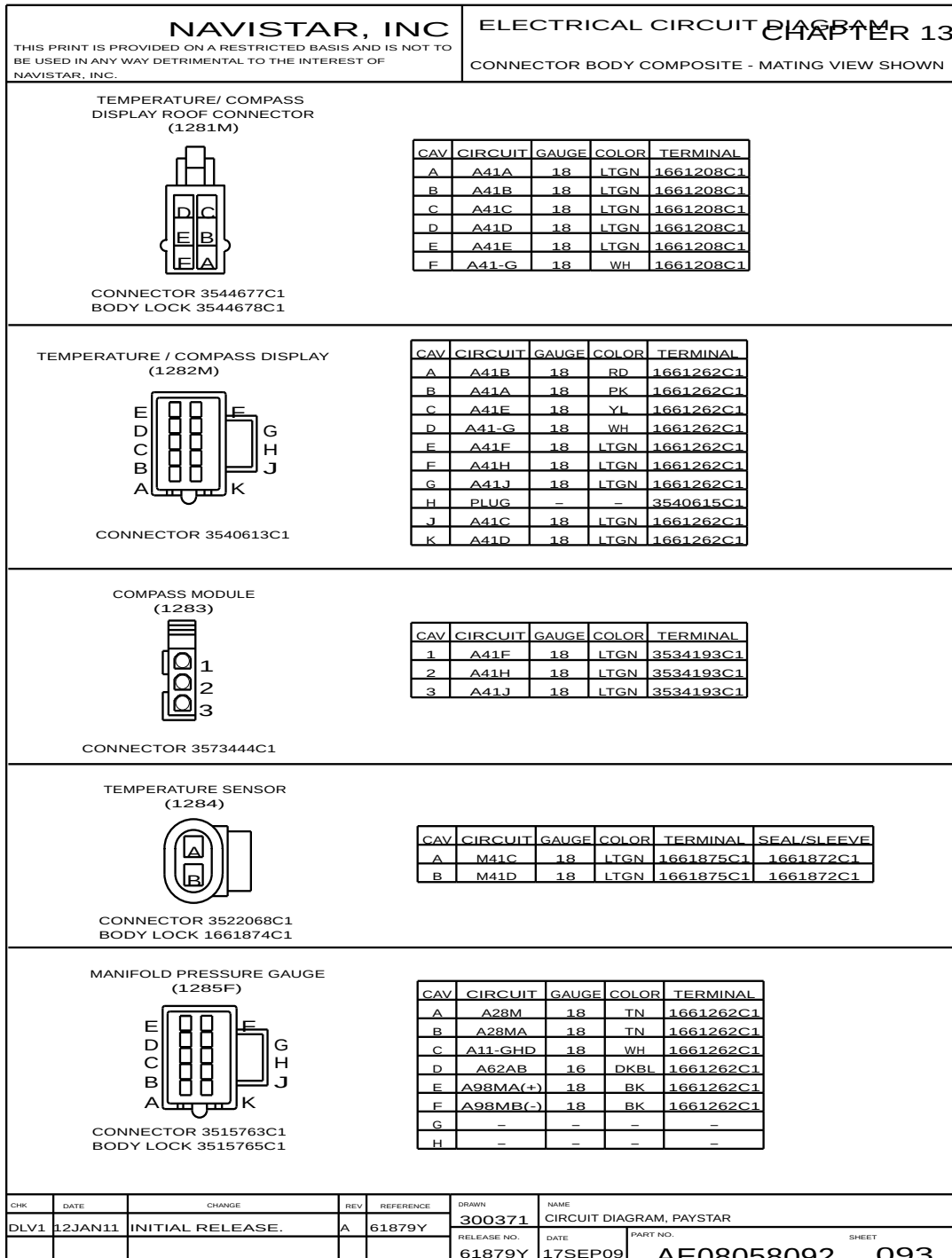


Figure 302 Connector Composites (1281M / 1282M / 1283 / 1284 / 1285F)

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

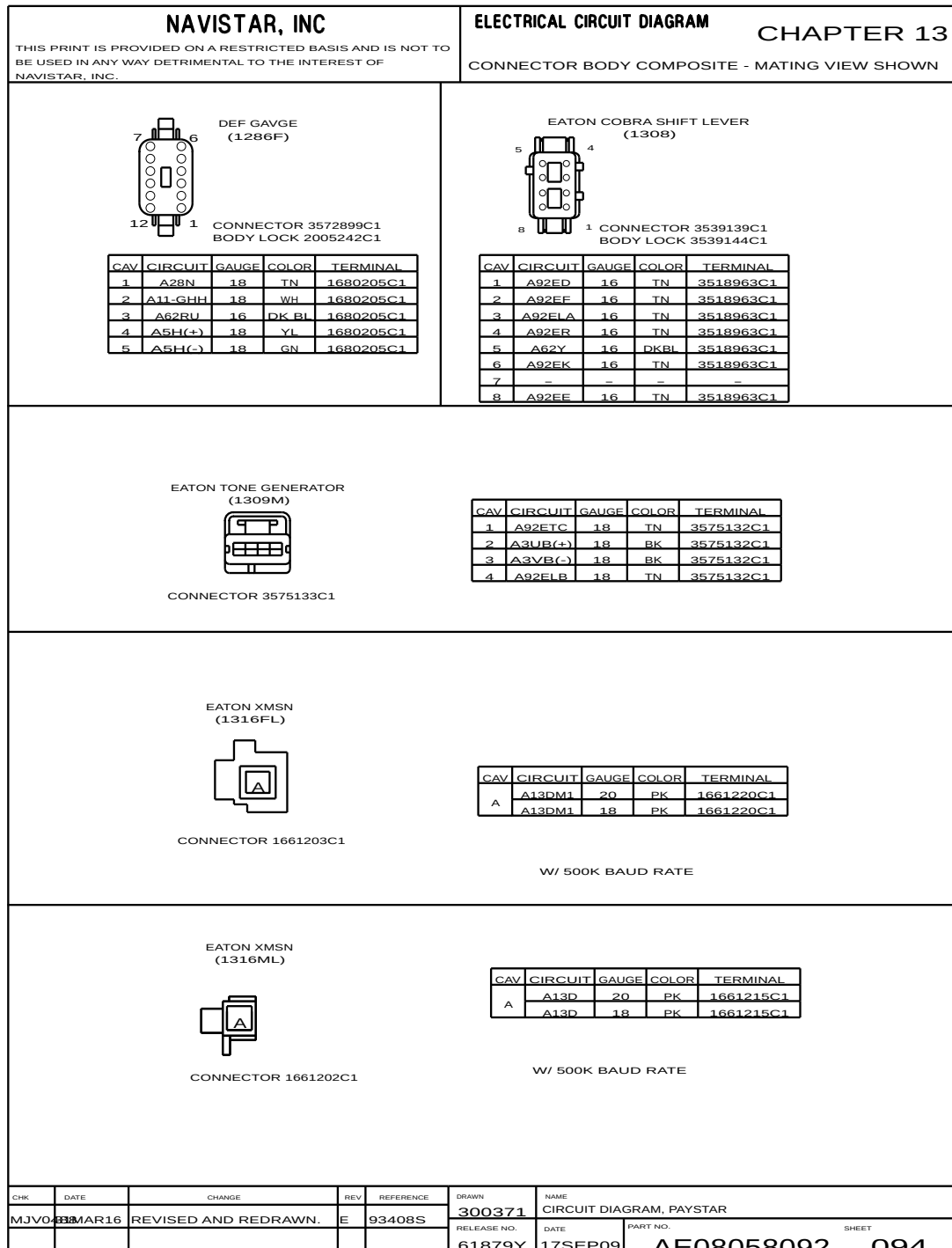


Figure 303 Connector Composites (1286F / 1308 / 1309M / 1329M / 1330 / 1331F / 1332F)

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: 8px;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr> <td>*A</td><td>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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SHAFT STOP (1330)  CONNECTOR 2009385C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>A92TM</td><td>18</td><td>TN</td><td>1661224C1</td></tr> <tr><td>6</td><td>A92TN</td><td>18</td><td>TN</td><td>1661224C1</td></tr> <tr><td>7</td><td>A62SD</td><td>18</td><td>LTRL</td><td>1661208C1</td></tr> <tr><td>8</td><td>A92-GA</td><td>18</td><td>WH</td><td>1661208C1</td></tr> </tbody> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	-	-	-	-	3	-	-	-	-	4	-	-	-	-	5	A92TM	18	TN	1661224C1	6	A92TN	18	TN	1661224C1	7	A62SD	18	LTRL	1661208C1	8	A92-GA	18	WH	1661208C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																															
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3	-	-	-	-																																															
4	-	-	-	-																																															
5	A92TM	18	TN	1661224C1																																															
6	A92TN	18	TN	1661224C1																																															
7	A62SD	18	LTRL	1661208C1																																															
8	A92-GA	18	WH	1661208C1																																															
DRIVERS HEATED SEAT CONNECTOR (1331F)  CONNECTOR 0587567C91 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr> <td>A</td><td>WHITE</td><td>18</td><td>WH</td><td>0587578C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>BLACK</td><td>18</td><td>BK</td><td>0587578C1</td><td>1652325C1</td></tr> </tbody> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	WHITE	18	WH	0587578C1	1652325C1	B	BLACK	18	BK	0587578C1	1652325C1																											
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PASSENGERS HEATED SEAT CONNECTOR (1332F)  CONNECTOR 0587567C91 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr> <td>A</td><td>A38</td><td>18</td><td>WH</td><td>0587578C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>A38</td><td>18</td><td>RD</td><td>0587578C1</td><td>1652325C1</td></tr> </tbody> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A38	18	WH	0587578C1	1652325C1	B	A38	18	RD	0587578C1	1652325C1																											
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Figure 304 Connector Composites (1329M / 1330 / 1331F / 1332F)

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

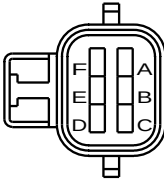
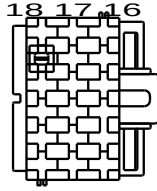
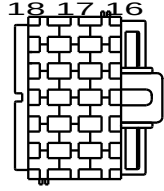
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THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																																																																																																																																																					
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Figure 305 Connector Composites (1339 / 1342 / 1348)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

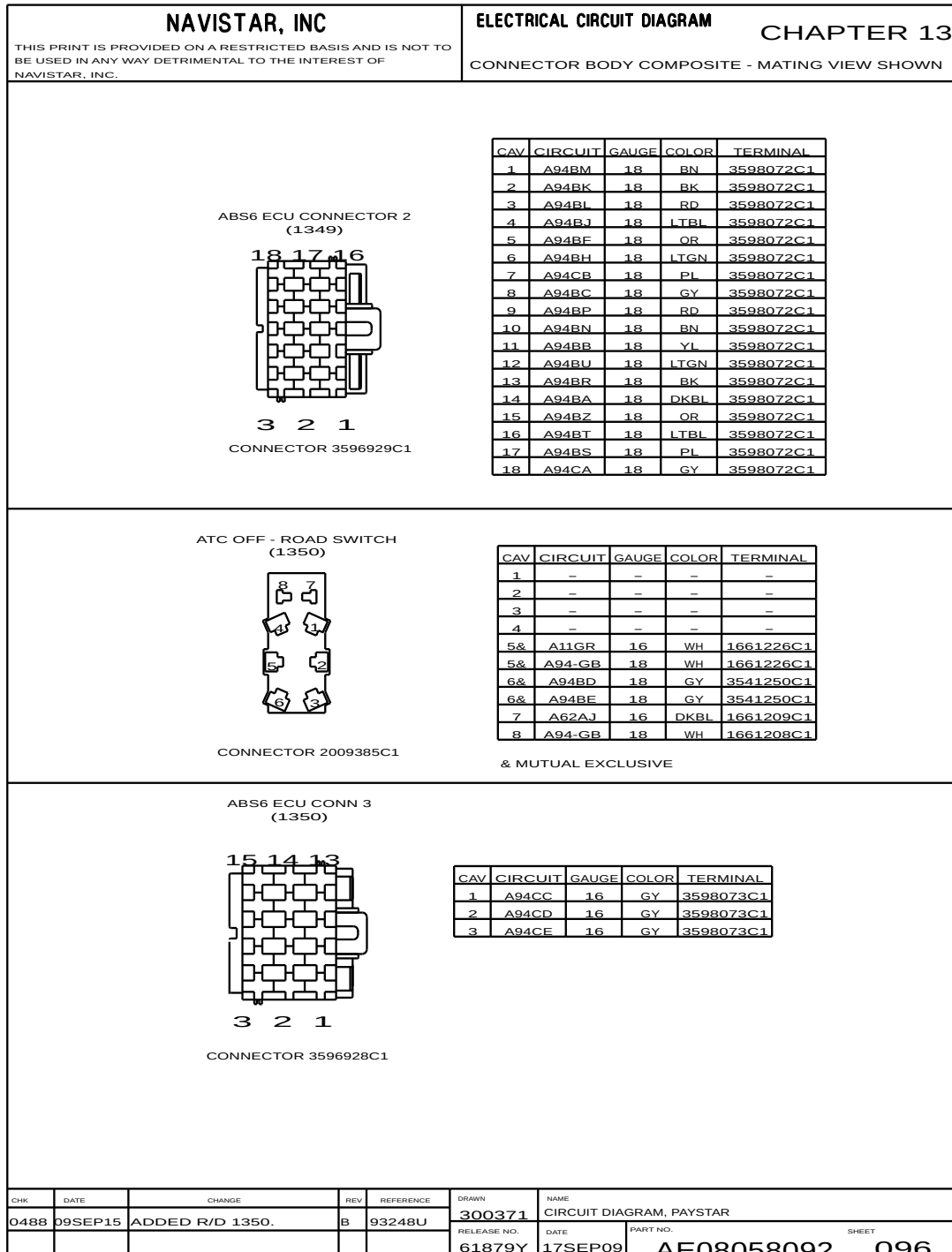


Figure 306 Connector Composites (1349 / 1350)

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

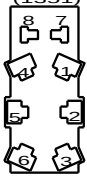
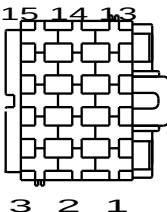
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13																																																																																									
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ATC OFF-ROAD SWITCH (1351)  CONNECTOR 2009385C1 <table border="1" style="width: 100%; border-collapse: 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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<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 10%;">CHK</td><td style="width: 10%;">DATE</td><td style="width: 20%;">CHANGE</td><td style="width: 10%;">REV</td><td style="width: 10%;">REFERENCE</td><td style="width: 10%;">DRAWN</td><td colspan="4" style="width: 30%;">NAME</td></tr><tr><td>0488</td><td>09SEP15</td><td>INITIAL RELEASE.</td><td>A</td><td>93248U</td><td>MJV0223</td><td colspan="4">CIRCUIT DIAGRAM, PAYSTAR,</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>RELEASE NO.</td><td>DATE</td><td>PART NO.</td><td>SHEET</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>93248U</td><td>28AUG15</td><td>AE08058092</td><td>96A</td></tr></table>															CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME				0488	09SEP15	INITIAL RELEASE.	A	93248U	MJV0223	CIRCUIT DIAGRAM, PAYSTAR,									RELEASE NO.	DATE	PART NO.	SHEET						93248U	28AUG15	AE08058092	96A																																															
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Figure 307 Connector Composites (1351 / 1360)

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

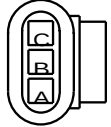
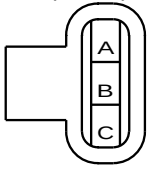
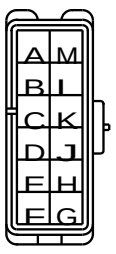
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PRESSURE SENSOR 2 (1366) (LOCATED AT OUT SIDE RIGHT DASH PANEL)  CONNECTOR 1667741C1 BODY LOCK 1667771C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <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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B	GN2	18	GN	1661875C1																																																																				
C	BN2	18	BN	1661875C1																																																																				
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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3	BN/WH2	16	BN	2033819C1	1652325C1																																																																			
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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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																																																																				
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Figure 309 Connector Composites (1366 / 1367 / 1368F / 1369)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

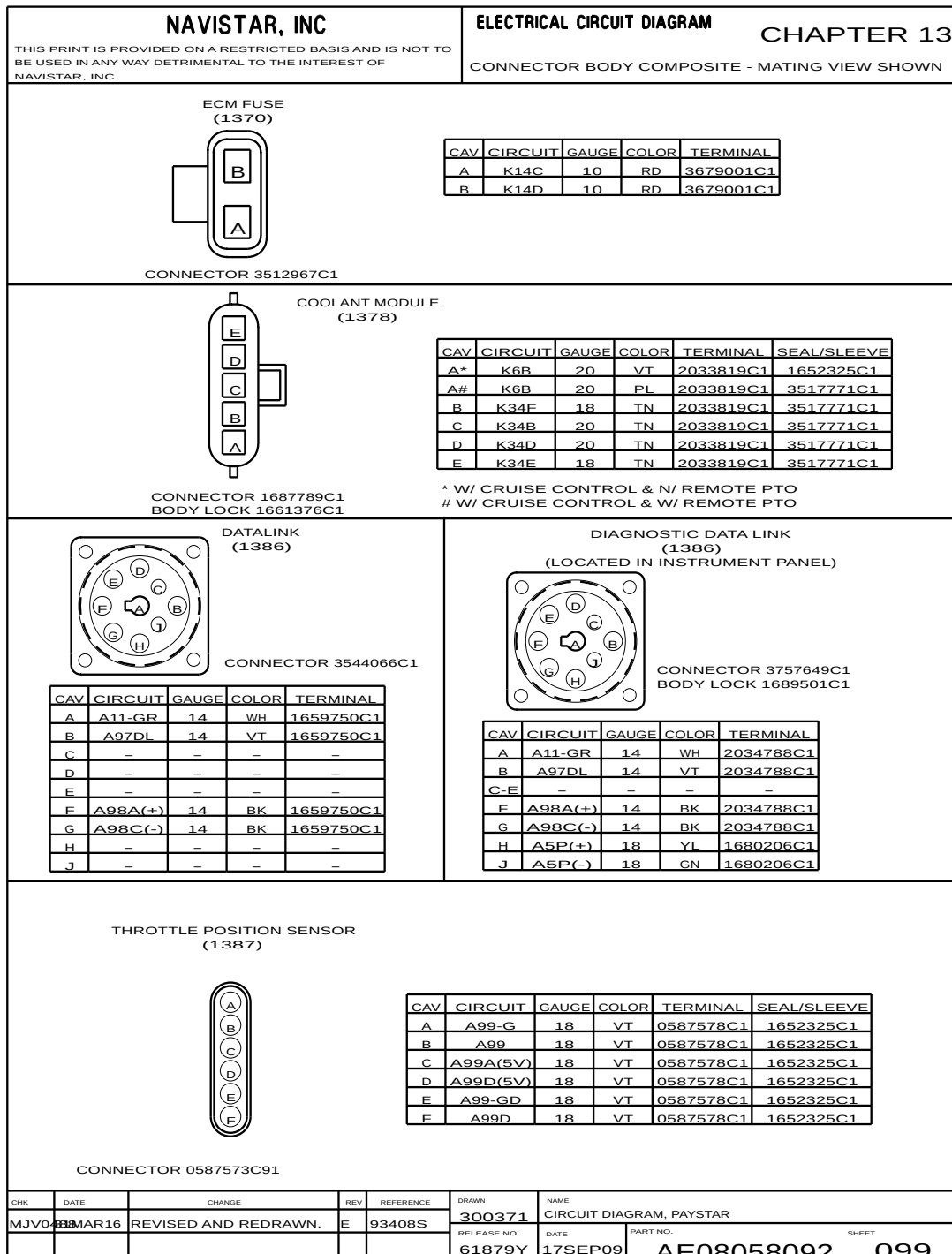


Figure 310 Connector Composites (1370 / 1378 / 1386 / 1387)

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

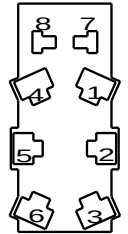
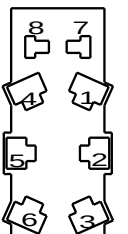
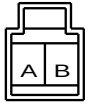
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INHIBIT REGEN SWITCH (1402) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 2009385C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></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					
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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
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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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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																																			
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<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.7em;"> <tr> <th>CHK</th><th>DATE</th><th>CHANGE</th><th>REV</th><th>REFERENCE</th><th>DRAWN</th><th colspan="3">NAME</th></tr> <tr> <td>012</td><td>18APR13</td><td>INITIAL RELEASE.</td><td>A</td><td>91786V</td><td>MJV0239</td><td colspan="3">CIRCUIT DIAGRAM, PAYSTAR,</td></tr> <tr> <td colspan="5"></td><td>RELEASE NO.</td><td>DATE</td><td>PART NO.</td><td>SHEET</td></tr> <tr> <td colspan="5"></td><td>91786V</td><td>13MAR13</td><td>AE08058092</td><td>99A</td></tr> </table>								CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME			012	18APR13	INITIAL RELEASE.	A	91786V	MJV0239	CIRCUIT DIAGRAM, PAYSTAR,								RELEASE NO.	DATE	PART NO.	SHEET						91786V	13MAR13	AE08058092	99A														
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					91786V	13MAR13	AE08058092	99A																																																	

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

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

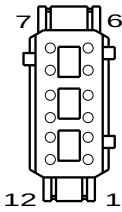
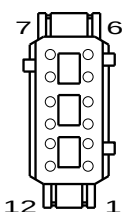
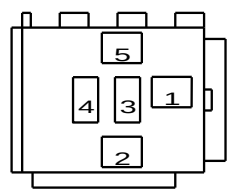
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J1 MULTIPLEXED SIGNAL MODULE (1406) (LOCATED IN INSTRUMENT PANEL)																																																																									
																																																																									
CONNECTOR 3553404C1 BODY LOCK 3553460C1																																																																									
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J2 MULTIPLEXED SIGNAL MODULE (1407) (LOCATED IN INSTRUMENT PANEL)																																																																									
																																																																									
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AFTERTREATMENT BUZZER (1415) (LOCATED IN INSTRUMENT PANEL)																																																																									
																																																																									
CONNECTOR 0593385C1 BODY LOCK 0593387C1																																																																									
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					RELEASE NO.	DATE	PART NO.	SHEET																																																																	
					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

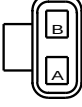
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13				
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PURGE PUMP FUSE (1431) (LOCATED IN ENGINE) 										ROOF WIRING (1449F) (LOCATED IN INSTRUMENT PANEL) 				
CONNECTOR 1661639C1										CONNECTOR 0481140C1				
CAV	CIRCUIT	GAUGE	COLOR	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

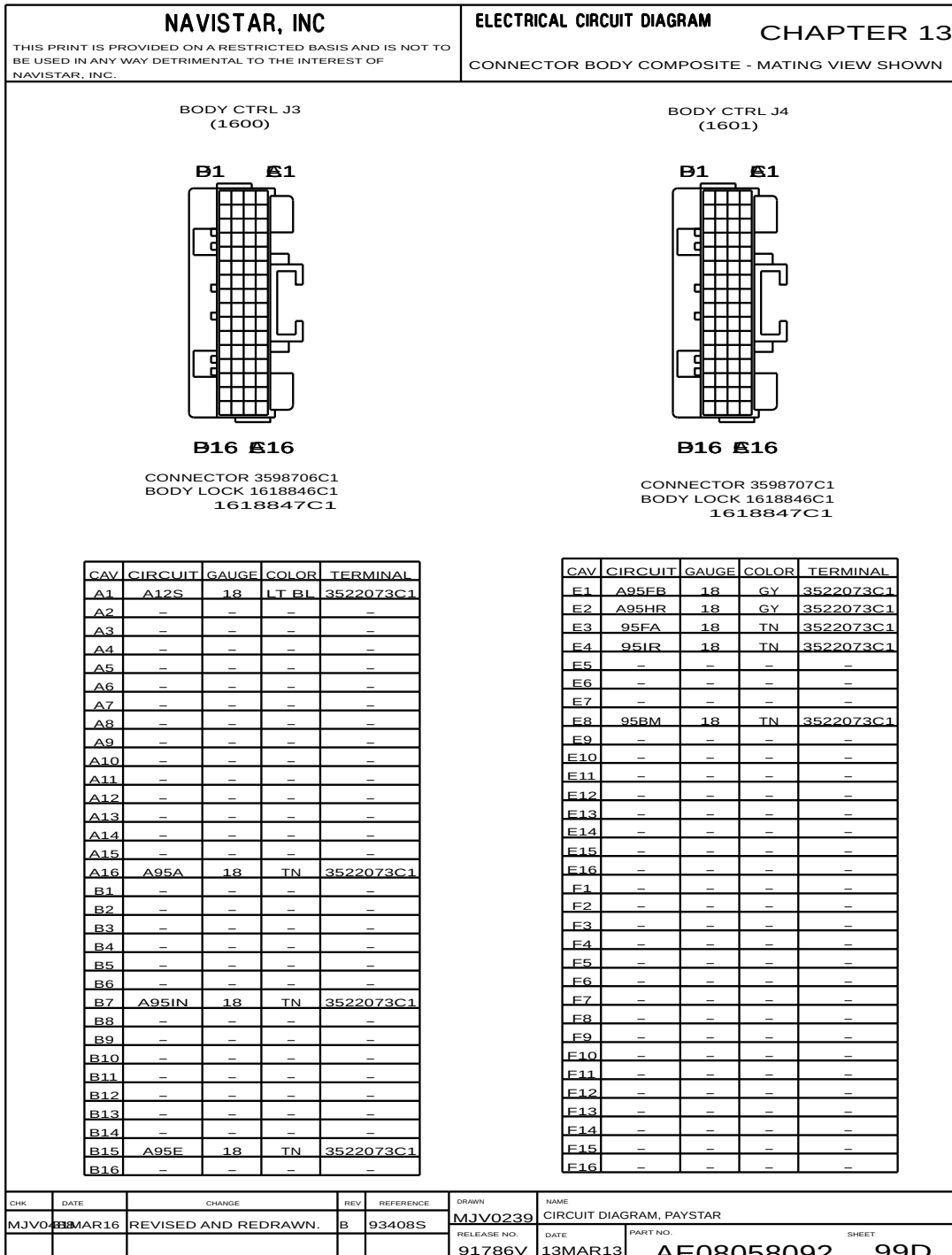


Figure 314 Connector Composites (1600 / 1601)

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

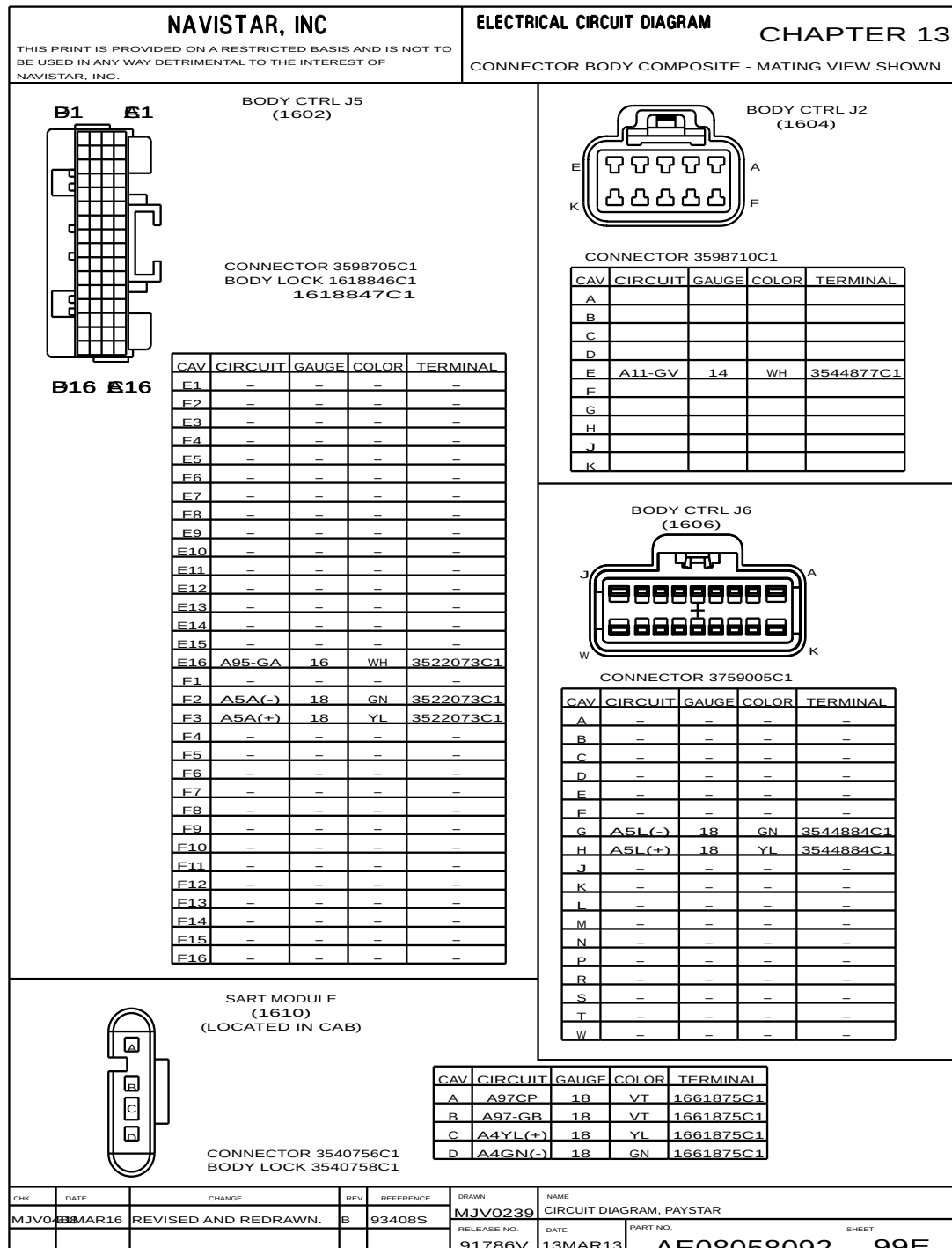


Figure 315 Connector Composites (1602 / 1604 / 1606 / 1610)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

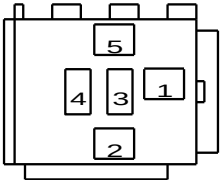
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																															
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																	
DAVCO WIF SENSOR (1874A)  CONNECTOR 3590390C1					RACOR WIF SENSOR (1874B) (LOCATED AT INSTRUMENT PANEL CENTER)  CONNECTOR 3590390C1																																	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																	
1	K95	20	TN	3536865C1	3536867C1																																	
2	K95-GF	18	TN	3536865C1	3536868C1																																	
RAYCOR WIF SENSOR (1874C/1874D)  CONNECTOR 3977821C1					<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>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															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																		
1	K95	18	TN	3526966C1																																		
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;"> <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
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																																		
FREEDOMLINE J1939 (4322)  CONNECTOR 3602454C1 BODY LOCK 1655705C1					PRIVATE J1939 (4328)  CONNECTOR 3602454C1 BODY LOCK 1655705C1																																	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																		
A	K5V(+)	18	YL	1680206C1																																		
B	K5V(-)	18	GN	1680206C1																																		
C	PLUG	-	-	0453133C1																																		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																		
A	K98YL	18	YL	1680206C1																																		
B	K98GN	18	GN	1680206C1																																		
C	PLUG	-	-	0453133C1																																		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																
MJV0223	16MAR16	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

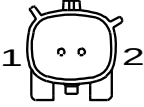
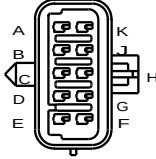
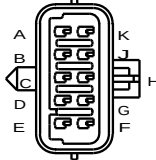
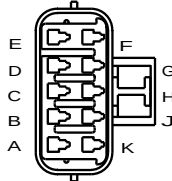
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																					
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DEF LAMP INTERCONNECT (4087)  CONNECTOR 6104815C1				<table border="1" style="width: 100%; border-collapse: 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	-	-	-																																																																					
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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
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																						
A	K92A15	18	PK	1667742C1	1661872C1																																																																																						
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C*	K92A12	20	TN	1667742C1	3568570C1																																																																																						
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D*	K92A13	20	PL	1667742C1	3568570C1																																																																																						
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J	K92A17	18	TN	1667742C1	3568570C1																																																																																						
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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A	K92A5	20	TN	1667742C1	3568570C1																																																																																						
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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	-	-	-	-																		
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																																																																																						
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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

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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	PI	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

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-GL	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	3743668C1
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

* W/CRUISE CONTROL & N/REMOTE PTO 5900
** W/CRUISE CONTROL & W/REMOTE PTO 5900
& W/FUEL/WATER SEPARATOR-DAVCO,5900
&# W/WALLSWITCH 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

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.	PART NO.
					61879Y	17SEP09
						A508058002
						100
						SHEET

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

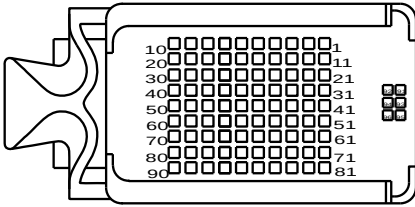
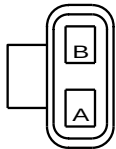
NAVISTAR, INC THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																																																																																																										
CONTINUED FROM SHEET 100				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																																																																																																																												
ECM CONNECTOR (6000)  CONNECTOR 3945694C1 BODY LOCK 3743662C1				<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>61</td><td>K99-GD</td><td>20</td><td>PL</td><td>3743668C1</td></tr> <tr><td>62</td><td>K95G</td><td>18</td><td>TN</td><td>3743666C1</td></tr> <tr><td>63</td><td>K92A5</td><td>20</td><td>TN</td><td>3743668C1</td></tr> <tr><td>64</td><td>K99D</td><td>20</td><td>PL</td><td>3743668C1</td></tr> <tr><td>65</td><td>K41</td><td>20</td><td>LT GN</td><td>3743668C1</td></tr> <tr><td>66</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>67</td><td>K92A18</td><td>20</td><td>TN</td><td>3743668C1</td></tr> <tr><td>68</td><td>K24AE</td><td>20</td><td>GY</td><td>3743668C1</td></tr> <tr><td>69</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>70</td><td>K101A</td><td>20</td><td>TN</td><td>3743668C1</td></tr> <tr><td>71</td><td>K97AP</td><td>20</td><td>PL</td><td>3743668C1</td></tr> <tr><td>72</td><td>K97AT</td><td>18</td><td>PL</td><td>3743666C1</td></tr> <tr><td>73</td><td>K10-GD</td><td>16</td><td>WH</td><td>3743666C1</td></tr> <tr><td>74</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>75</td><td>K21</td><td>16</td><td>TN</td><td>3743666C1</td></tr> <tr><td>76</td><td>K21A</td><td>16</td><td>TN</td><td>3743666C1</td></tr> <tr><td>77</td><td>K95(+)</td><td>18</td><td>BN</td><td>3743666C1</td></tr> <tr><td>78</td><td>K23</td><td>20</td><td>TN</td><td>3743668C1</td></tr> <tr><td>79</td><td>K95D</td><td>20</td><td>TN</td><td>3743668C1</td></tr> <tr><td>80</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>81</td><td>K95G</td><td>20</td><td>TN</td><td>3743668C1</td></tr> <tr><td>82</td><td>K95AB</td><td>20</td><td>TN</td><td>3743668C1</td></tr> <tr><td>83</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>84</td><td>K95MA</td><td>20</td><td>TN</td><td>3743668C1</td></tr> <tr><td>85</td><td>K95MB</td><td>20</td><td>TN</td><td>3743668C1</td></tr> <tr><td>86</td><td>K24AF</td><td>20</td><td>GY</td><td>3743668C1</td></tr> <tr><td>87</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>88</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>89</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>90</td><td>K97AE</td><td>20</td><td>PL</td><td>3743668C1</td></tr> <tr><td>91</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>92</td><td>K97AH</td><td>20</td><td>PL</td><td>3743668C1</td></tr> <tr><td>93</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>94</td><td>K92A10</td><td>20</td><td>TN</td><td>3743668C1</td></tr> <tr><td>95</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>96</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	61	K99-GD	20	PL	3743668C1	62	K95G	18	TN	3743666C1	63	K92A5	20	TN	3743668C1	64	K99D	20	PL	3743668C1	65	K41	20	LT GN	3743668C1	66	PLUG	-	-	-	67	K92A18	20	TN	3743668C1	68	K24AE	20	GY	3743668C1	69	PLUG	-	-	-	70	K101A	20	TN	3743668C1	71	K97AP	20	PL	3743668C1	72	K97AT	18	PL	3743666C1	73	K10-GD	16	WH	3743666C1	74	PLUG	-	-	-	75	K21	16	TN	3743666C1	76	K21A	16	TN	3743666C1	77	K95(+)	18	BN	3743666C1	78	K23	20	TN	3743668C1	79	K95D	20	TN	3743668C1	80	PLUG	-	-	-	81	K95G	20	TN	3743668C1	82	K95AB	20	TN	3743668C1	83	PLUG	-	-	-	84	K95MA	20	TN	3743668C1	85	K95MB	20	TN	3743668C1	86	K24AF	20	GY	3743668C1	87	PLUG	-	-	-	88	PLUG	-	-	-	89	PLUG	-	-	-	90	K97AE	20	PL	3743668C1	91	PLUG	-	-	-	92	K97AH	20	PL	3743668C1	93	PLUG	-	-	-	94	K92A10	20	TN	3743668C1	95	PLUG	-	-	-	96	PLUG	-	-	-
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ECM IGN 5A FUSE (6001)  CONNECTOR 1667639C1				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>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																																																																																																																																																																																										
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							SHEET 101																																																																																																																																																																																									

Figure 319 Connector Composites (6000 / 6001)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.133. CONNECTOR COMPOSITES (6018), P. 102

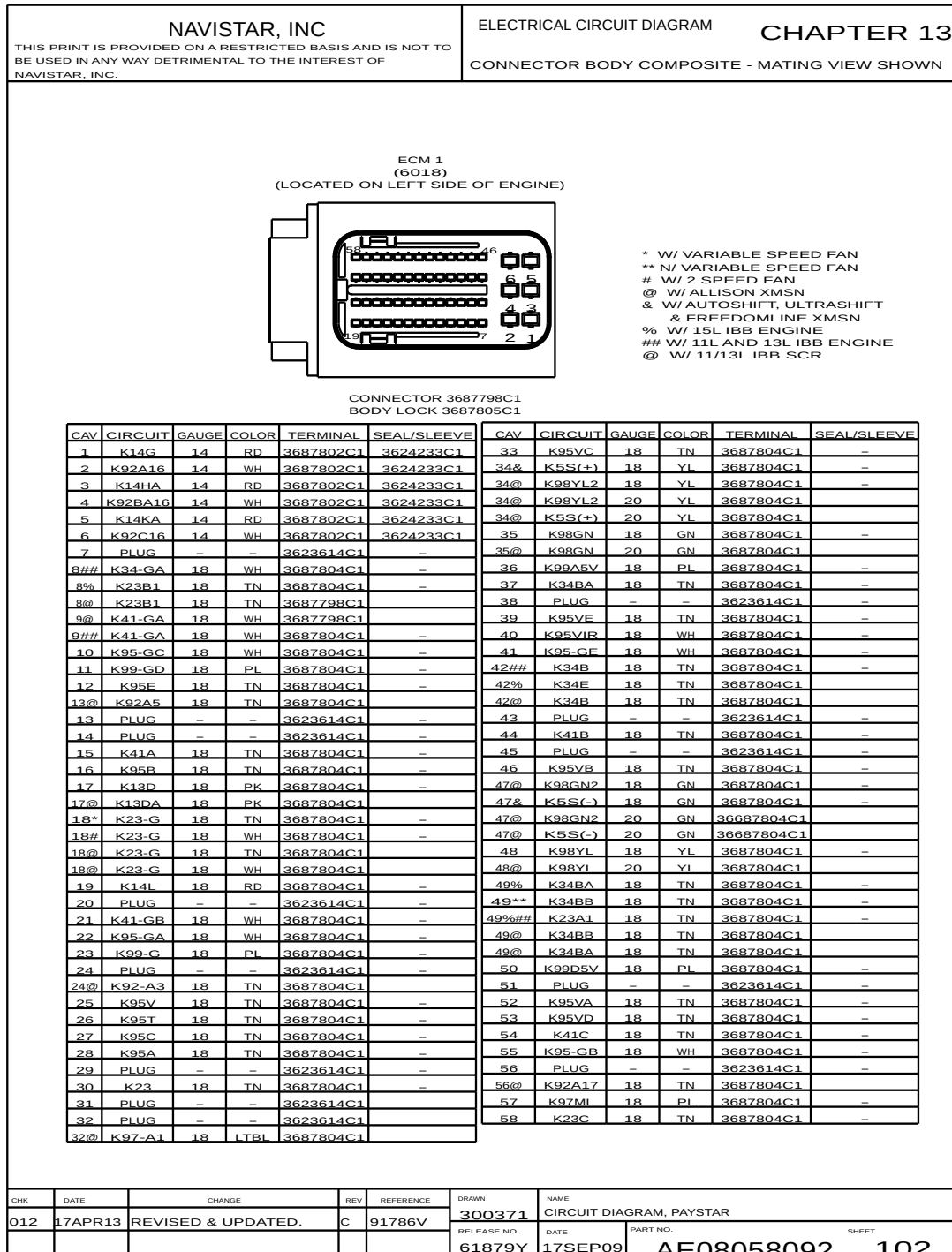


Figure 320 Connector Composites (6018)

13.134. CONNECTOR COMPOSITES (6019), P. 103

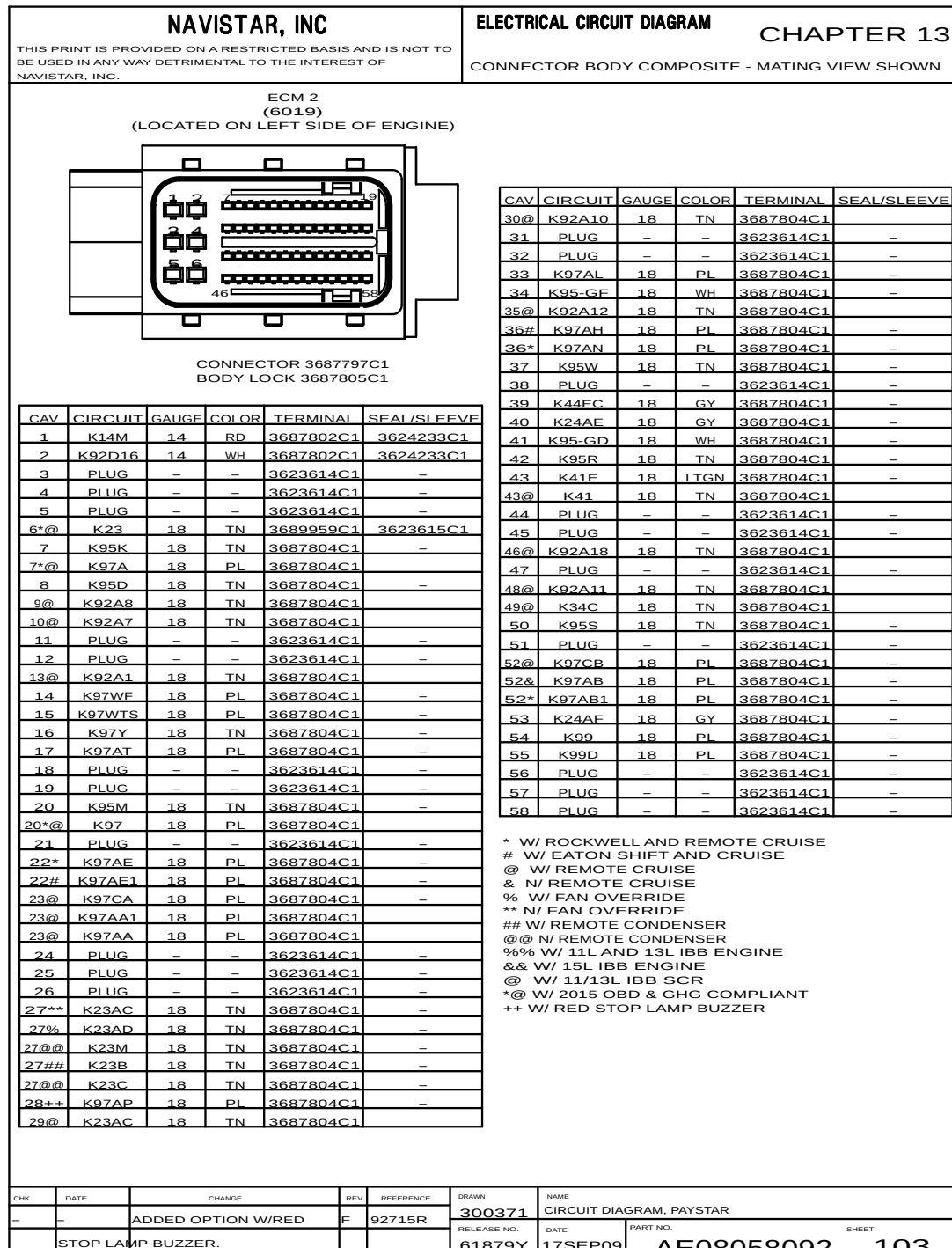


Figure 321 Connector Composites (6019)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

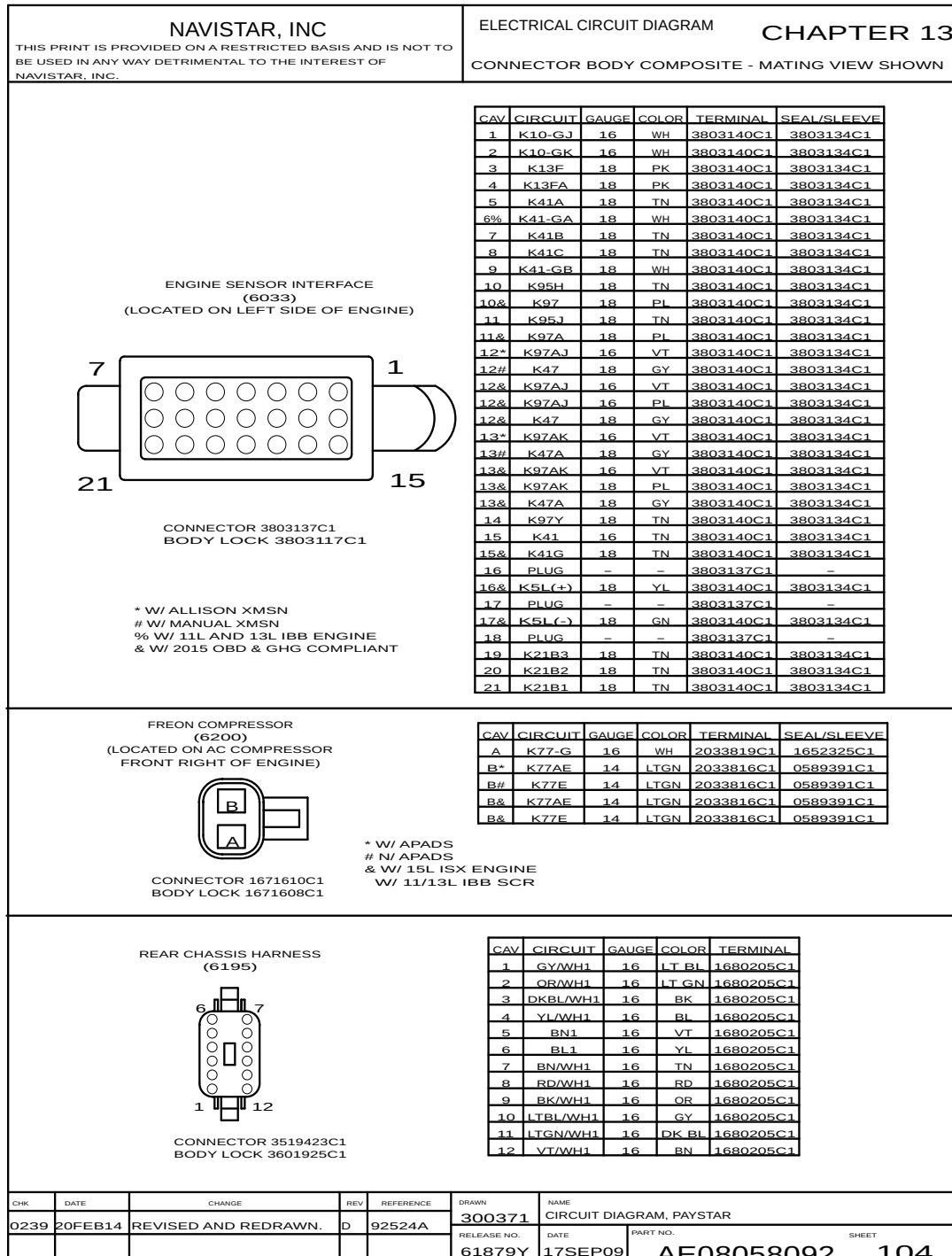


Figure 322 Connector Composites (6033 / 6200 / 6195)

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

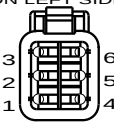
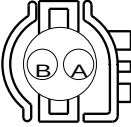
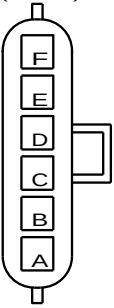
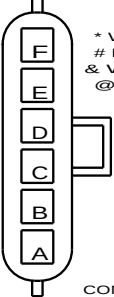
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																					
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VARIABLE SPEED FAN (6420) (LOCATED ON LEFT SIDE OF ENGINE)  CONNECTOR 3579124C1 BODY LOCK 3579126C1				<table 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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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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D	PLUG	-	-	0587579C1	-																																																																																						
E	K30-GB	16	TN	2033819C1	1652325C1																																																																																						
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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F	PLUG	-	-	0587579C1	-																																																																																						
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																					
012	17APR13	REVISED & UPDATED.	C	91786V	300371	CIRCUIT DIAGRAM, PAYSTAR																																																																																					
					RELEASE NO.	DATE	PART NO.																																																																																				
					61879Y	17SEP09	AE08058092																																																																																				
						SHEET	106																																																																																				

Figure 324 Connector Composites (6420 / 6703 / 6704B / 6704D)

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

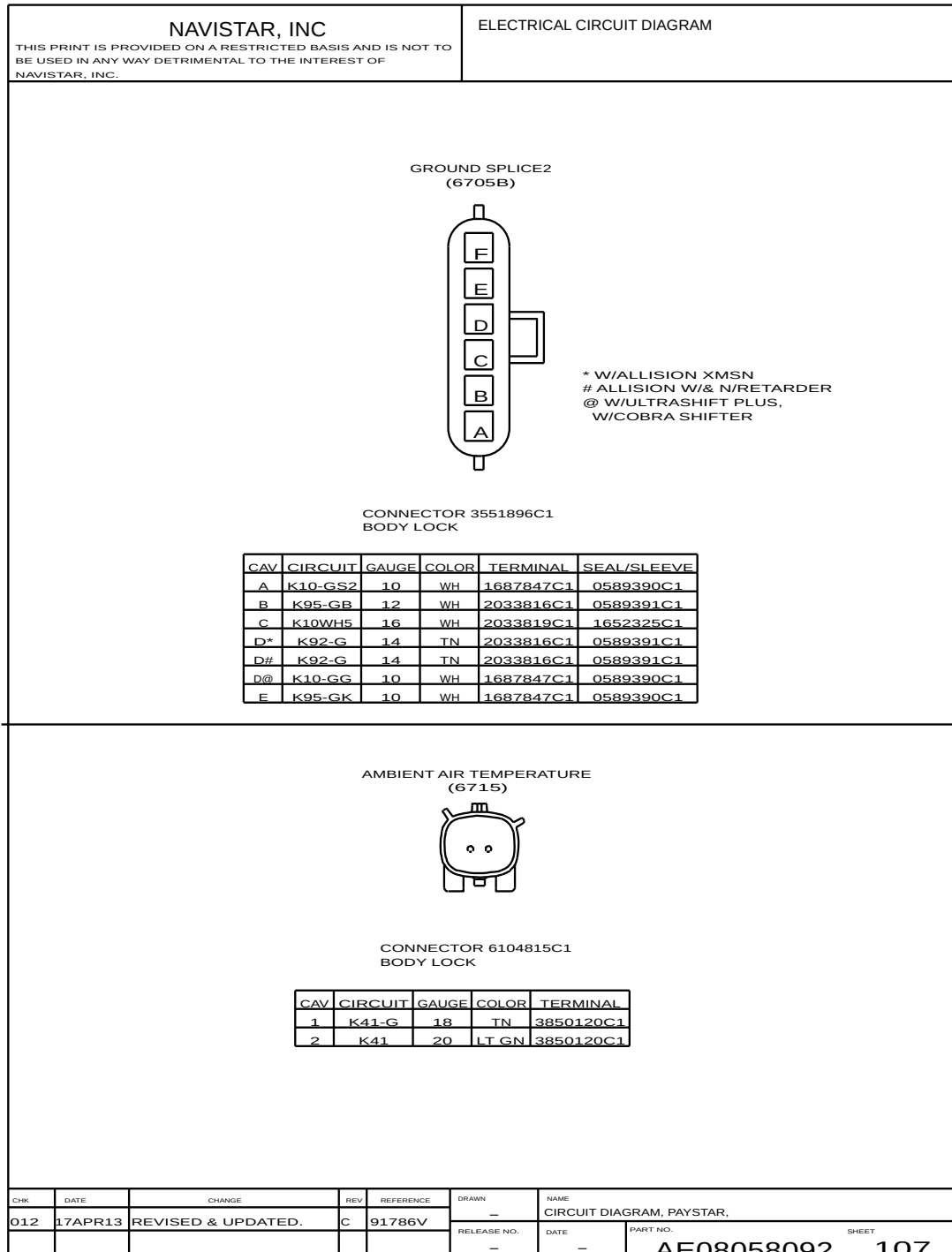


Figure 325 Connector Composites (6705B / 6715)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

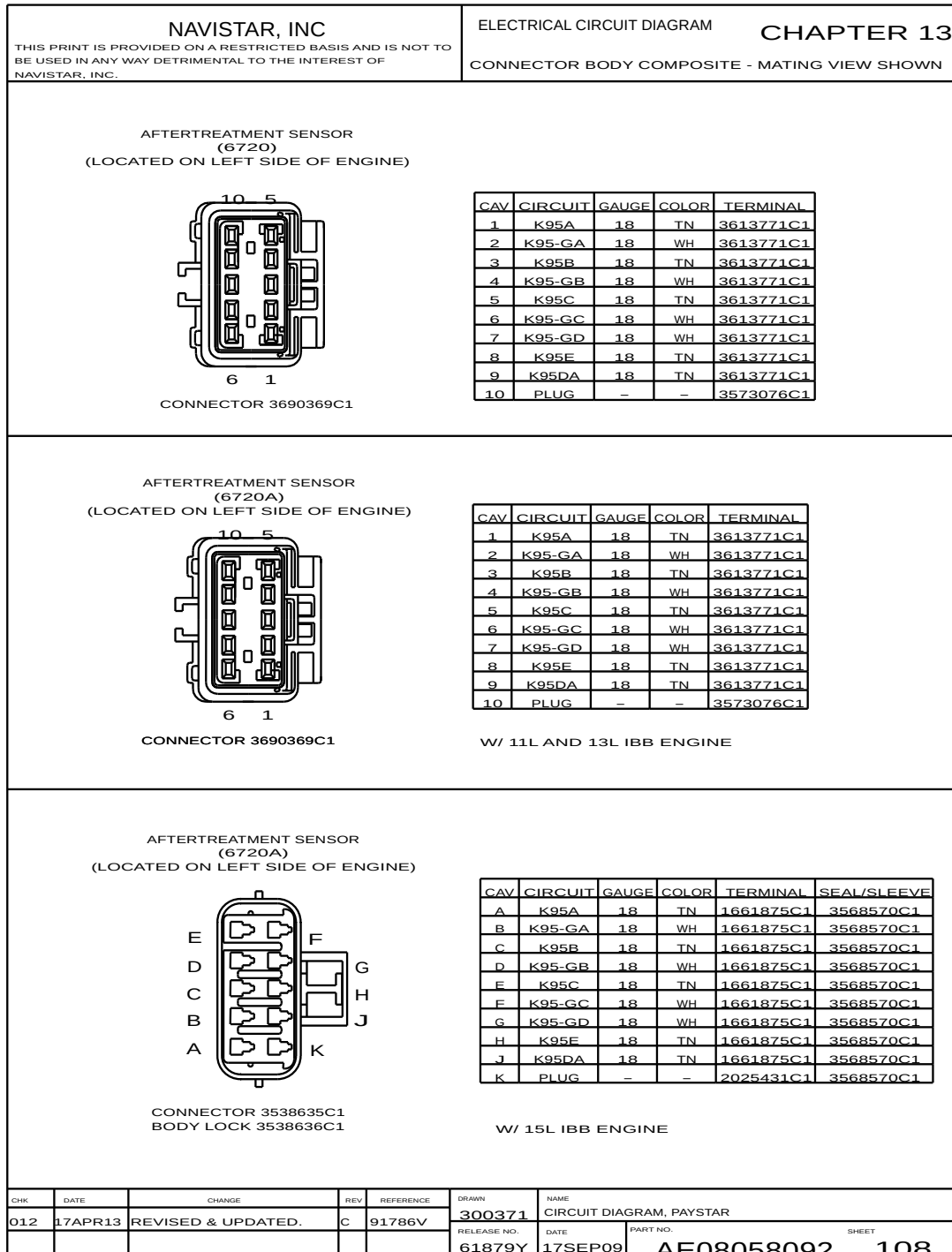


Figure 326 Connector Composites (6720 / 6720A)

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

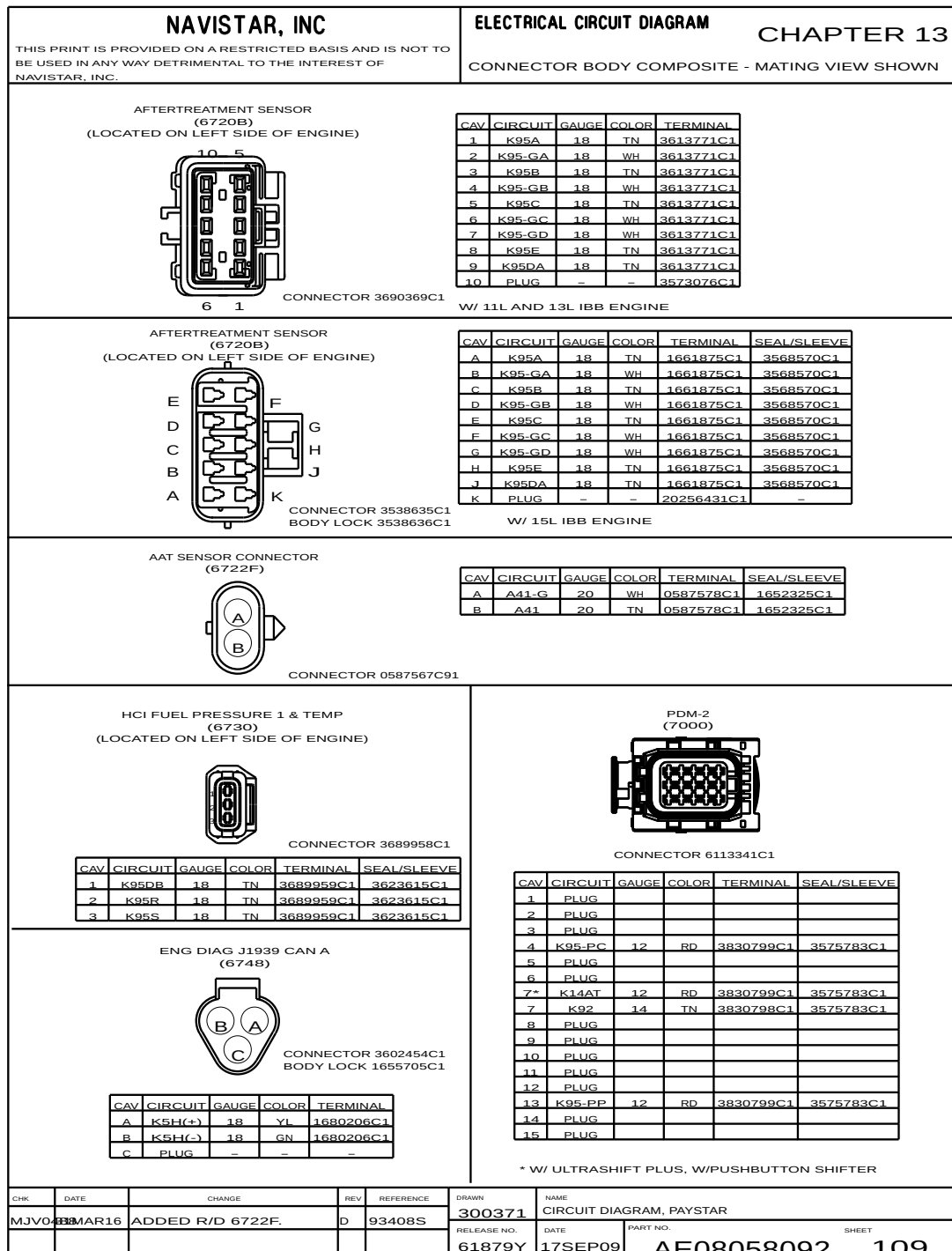


Figure 327 Connector Composites (6720B / 6730 / 6748 / 7000)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

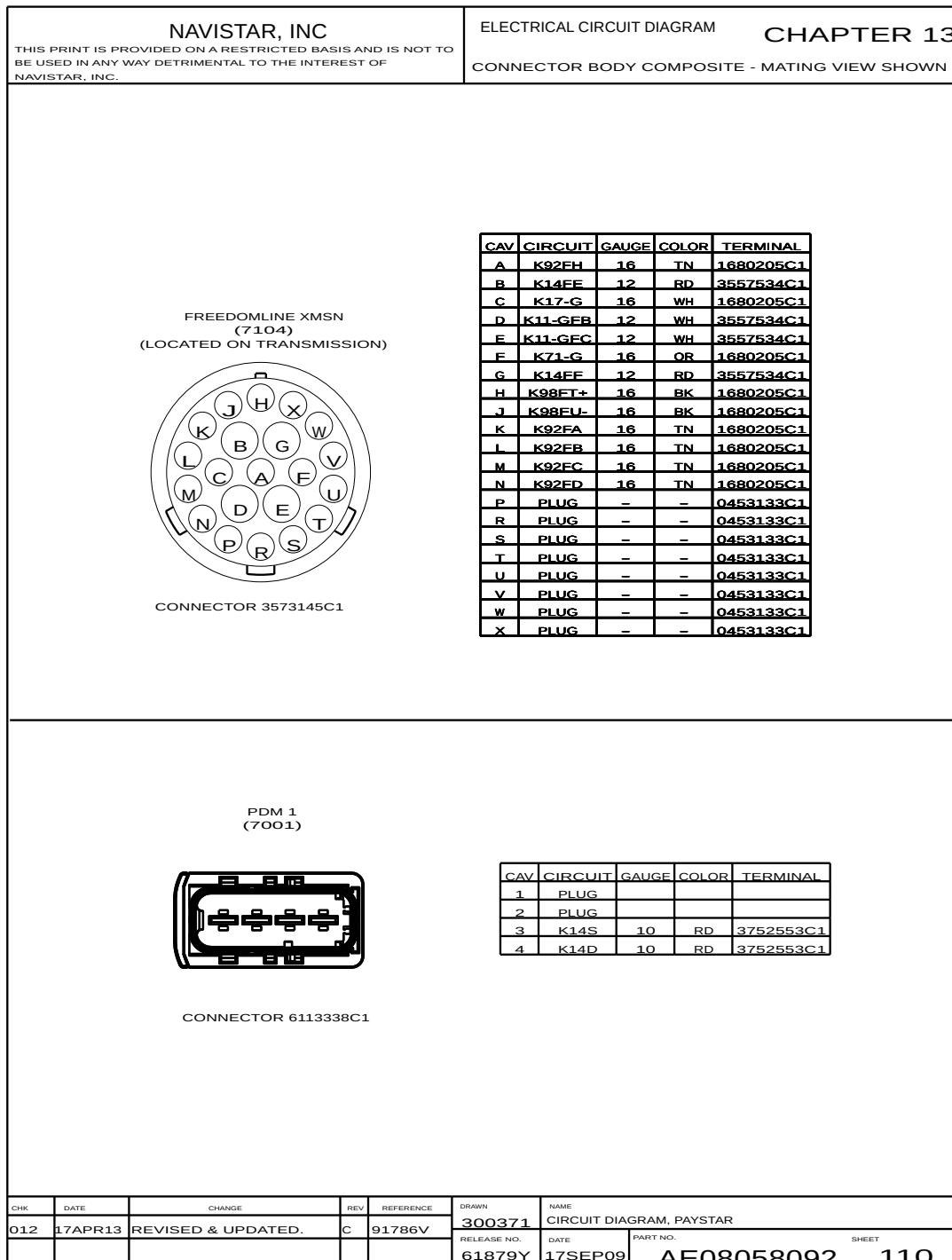


Figure 328 Connector Composites (7104 / 7001)

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

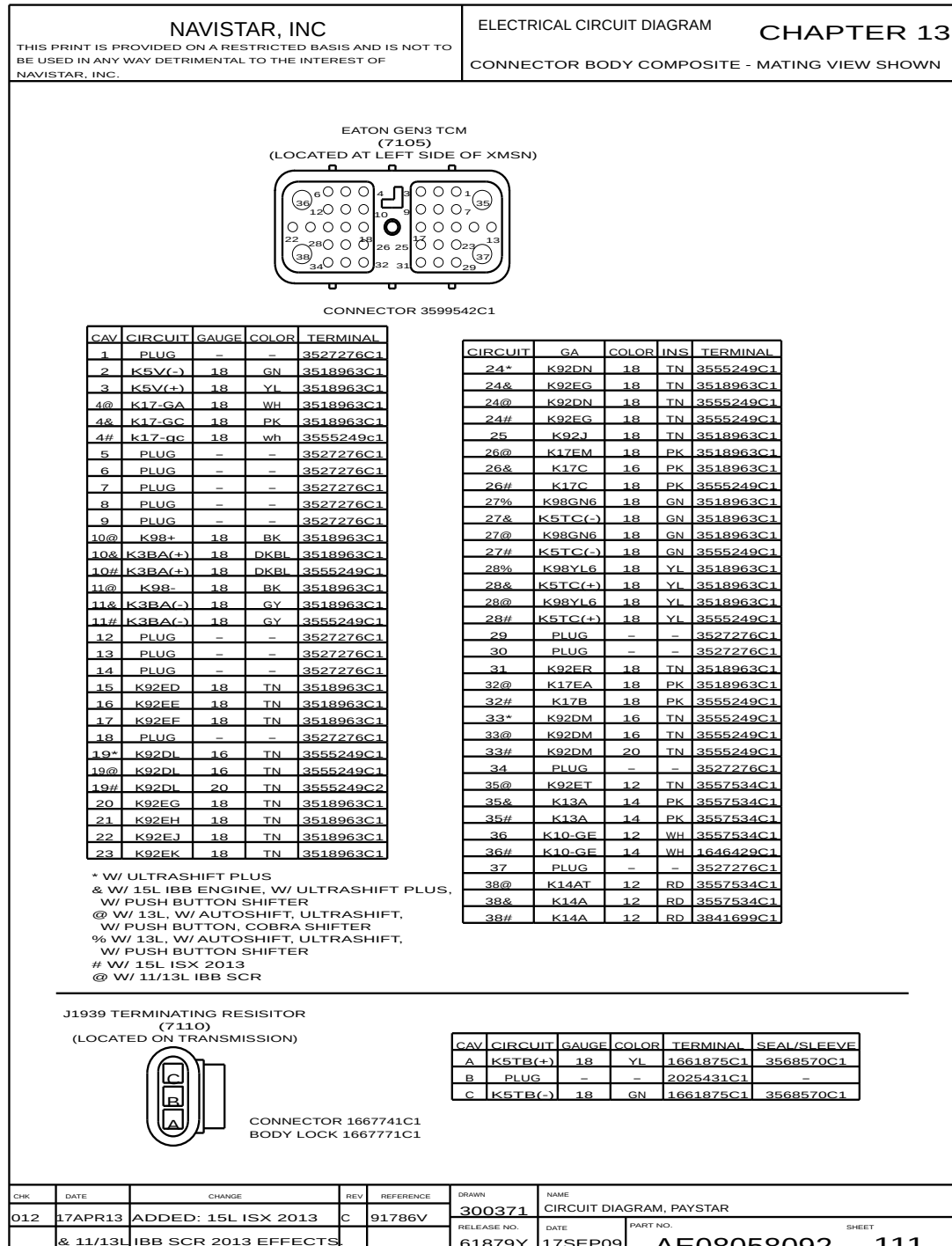


Figure 329 Connector Composites (7105 / 7110)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.143. CONNECTOR COMPOSITES (7150), P. 112

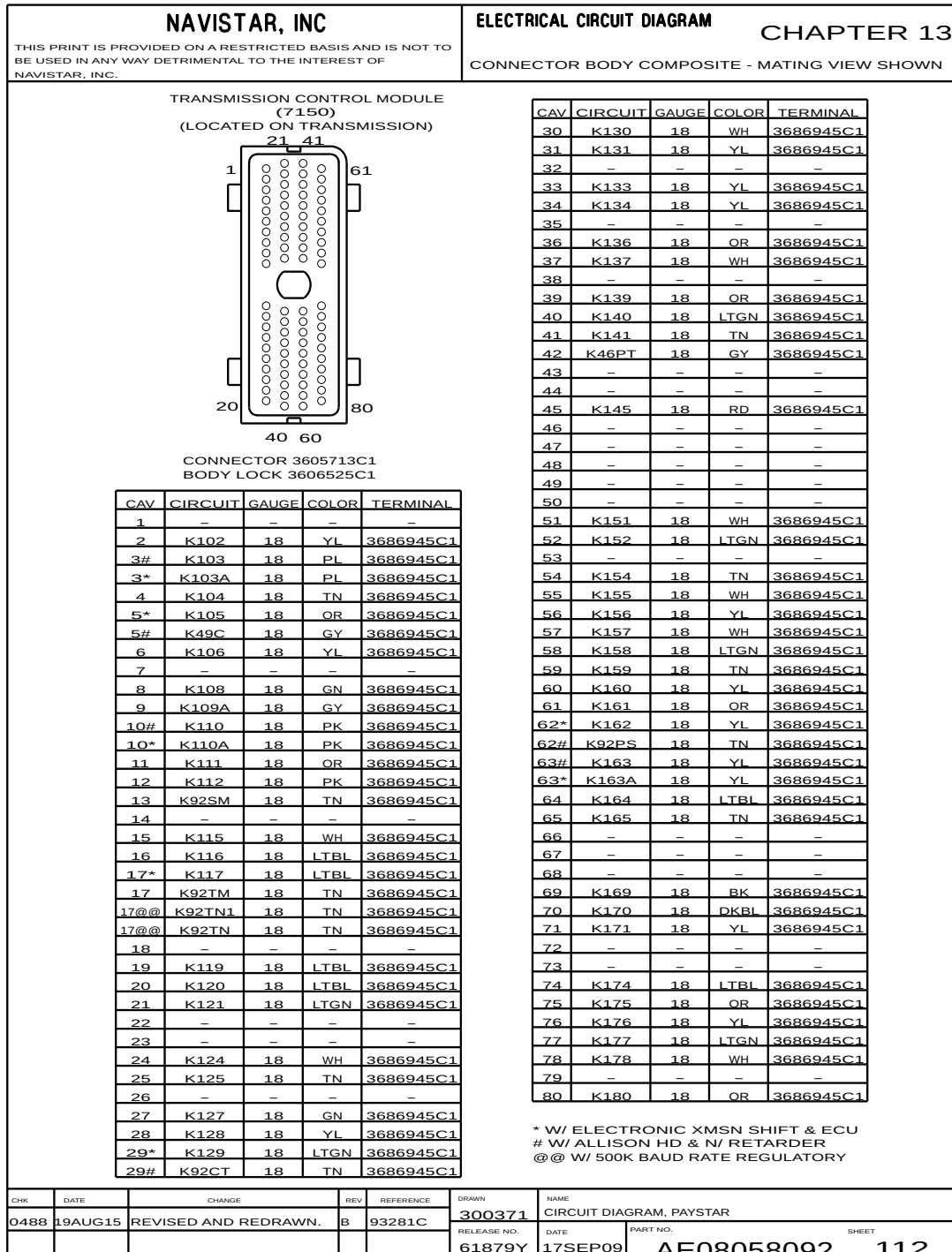
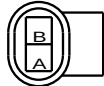
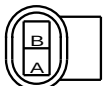
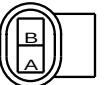
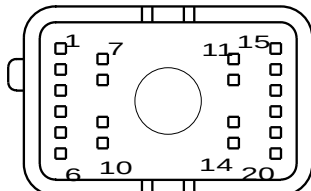


Figure 330 Connector Composites (7150)

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

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM			
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							
RETARDER TEMPERATURE SOLENOID (7211)							
							
CONNECTOR 3524377C1							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL			
A	K175	18	OR	2036586C1			
B	K158C	18	LTGN	2036586C1			
RETARDER ACCUMULATOR SOLENOID (7212)							
							
CONNECTOR 3524378C1							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL			
A	K119	18	LTBL	2036586C1			
B	K131A	18	YL	2036586C1			
RETARDER SOLENOID (7213)							
							
CONNECTOR 2036584C1							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL			
A	K115	18	WH	2036586C1			
B	K131B	18	YL	2036586C1			
TRANSMISSION BULKHEAD (7250) (LOCATED ON REAR RIGHT ON TRANSMISSION)							
							
CONNECTOR 3605715C1 BODY LOCK 3606532C1							
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			
* W/ RETARDER # N/ RETARDER @ W/ 15L IBB ENGINE							

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0486	30DEC11	ADDED CIRCUITS K178,	B	80616P	300371	CIRCUIT DIAGRAM, PAYSTAR
		K119 FOR R/D 7250 CAV 7, 17.			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

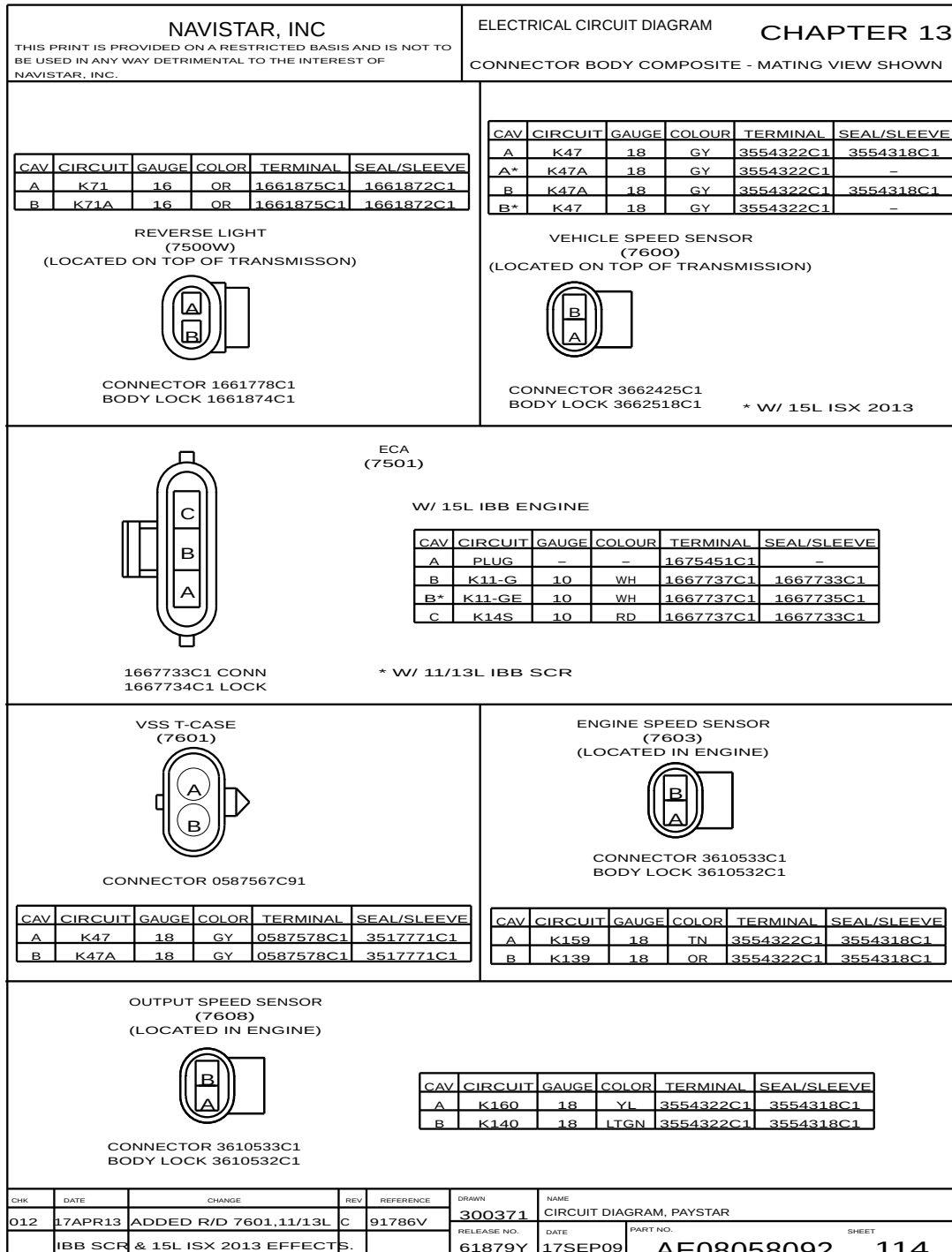


Figure 332 Connector Composites (7500W / 7501 / 7600 / 7601 / 7603 / 7608)

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

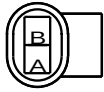
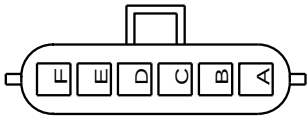
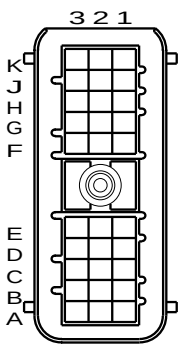
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TURBINE SPEED SENSOR (7615) (LOCATED IN ENGINE)  CONNECTOR 3610533C1 BODY LOCK 3610532C1					<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</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																																																																																																																																									
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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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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
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																																																																															
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F1	98YL4(+)	18	YL	3565443C1																																																																																																																																																															
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AE08058092	115																																																																																																																																																																		

Figure 333 Connector Composites (7615 / 7704 / 7905)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

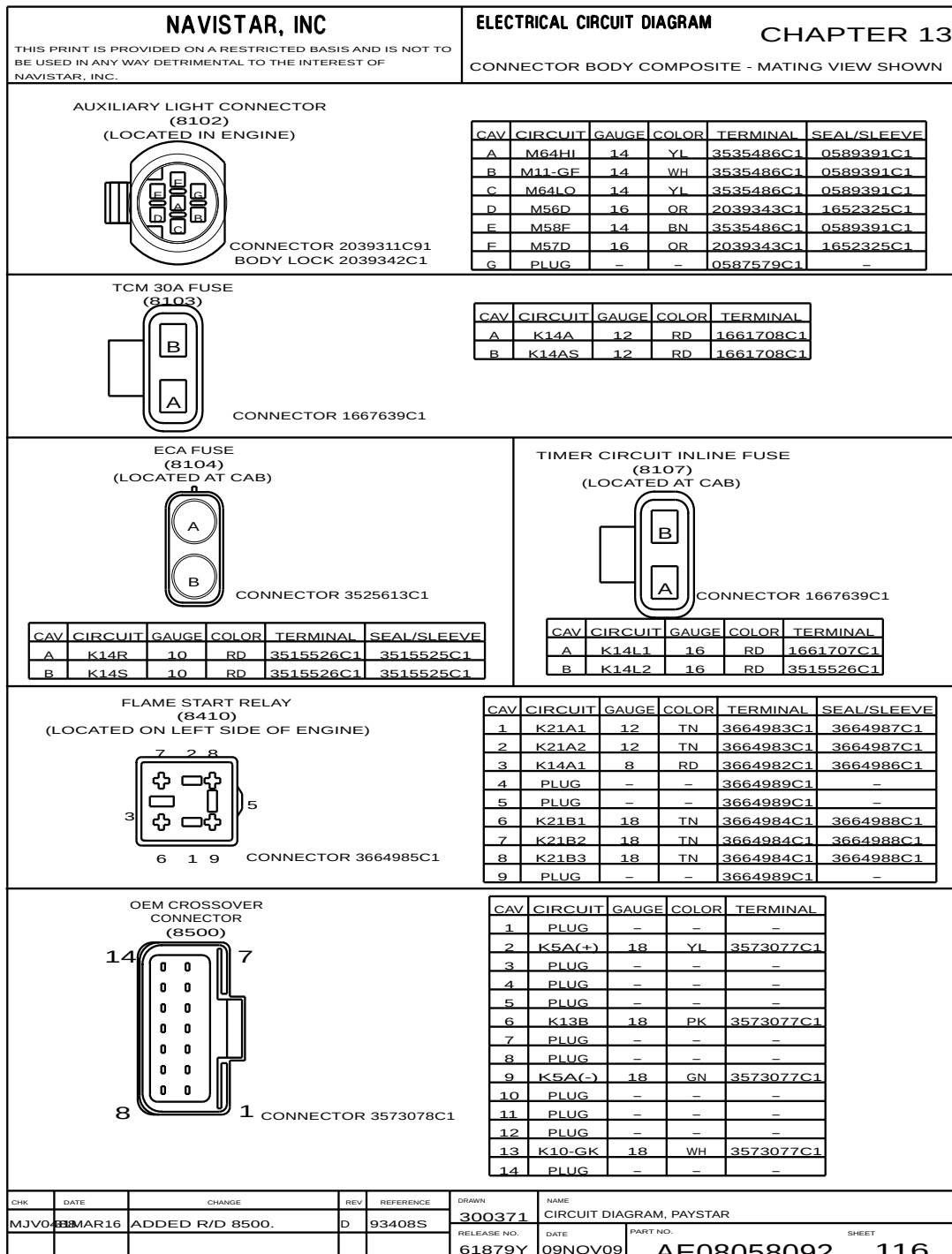


Figure 334 Connector Composites (8102 / 8103 / 8104 / 8107 / 8410)

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

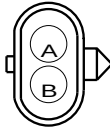
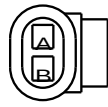
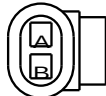
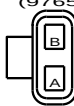
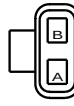
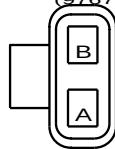
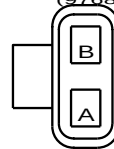
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN									
FIRST PUSHER / TAG AXLE (9762) (LOCATED NEAR REAR AXLE) 					FIRST PUSHER / TAG AXLE (9762) (LOCATED NEAR REAR AXLE) 									
CONNECTOR 0587567C91					CONNECTOR 1661778C1 BODY LOCK 1661874C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE			
A	A59MB	18	GY	0587578C1	1652325C1	A	A59MB	18	GY	1661875C1	1661872C1			
B	A59-GS	18	WH	0587578C1	1652325C1	B%	A59-GM	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	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE			
A	A59NB	18	GY	1661875C1	1661872C1	A	A59PB	18	GY	1661875C1	1661872C1			
B	A59-GN	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					
A	A28NA	18	TN	3895713C1	A	A28N	18	TN	3895713C1					
B	A14NA	18	RD	3895713C1	B	A13NA	18	PK	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					
A*	A14N	10	RD	3679001C1	A	A12P	18	LT BL	3895713C1					
A*	A14N	10	GY	3679001C1	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						
					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

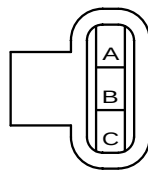
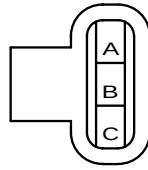
NAVISTAR, INC THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																											
BENDIX LEFT REAR REAR WHEEL SPEED SENSOR (351A)  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									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																															
1	GY/WH2	16	GY	1651969C1																															
2	OR/WH2	16	OR	1651969C1																															
BENDIX RIGHT REAR REAR WHEEL SPEED SENSOR (352A)  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>DKBL/WH2</td> <td>16</td> <td>DKBL</td> <td>1651969C1</td> </tr> <tr> <td>2</td> <td>YL/WH2</td> <td>16</td> <td>YL</td> <td>1651969C1</td> </tr> </tbody> </table>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	DKBL/WH2	16	DKBL	1651969C1	2	YL/WH2	16	YL	1651969C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																															
1	DKBL/WH2	16	DKBL	1651969C1																															
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																														
BENDIX RIGHT REAR REAR MODULATOR VALVE (354A)  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>BK/WH2</td> <td>16</td> <td>BK</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>RD/WH2</td> <td>16</td> <td>RD</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</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/SLV	A	BK/WH2	16	BK	2033819C1	1652325C1	B	RD/WH2	16	RD	2033819C1	1652325C1	C	BN/WH2	16	BN	2033819C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV																														
A	BK/WH2	16	BK	2033819C1	1652325C1																														
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

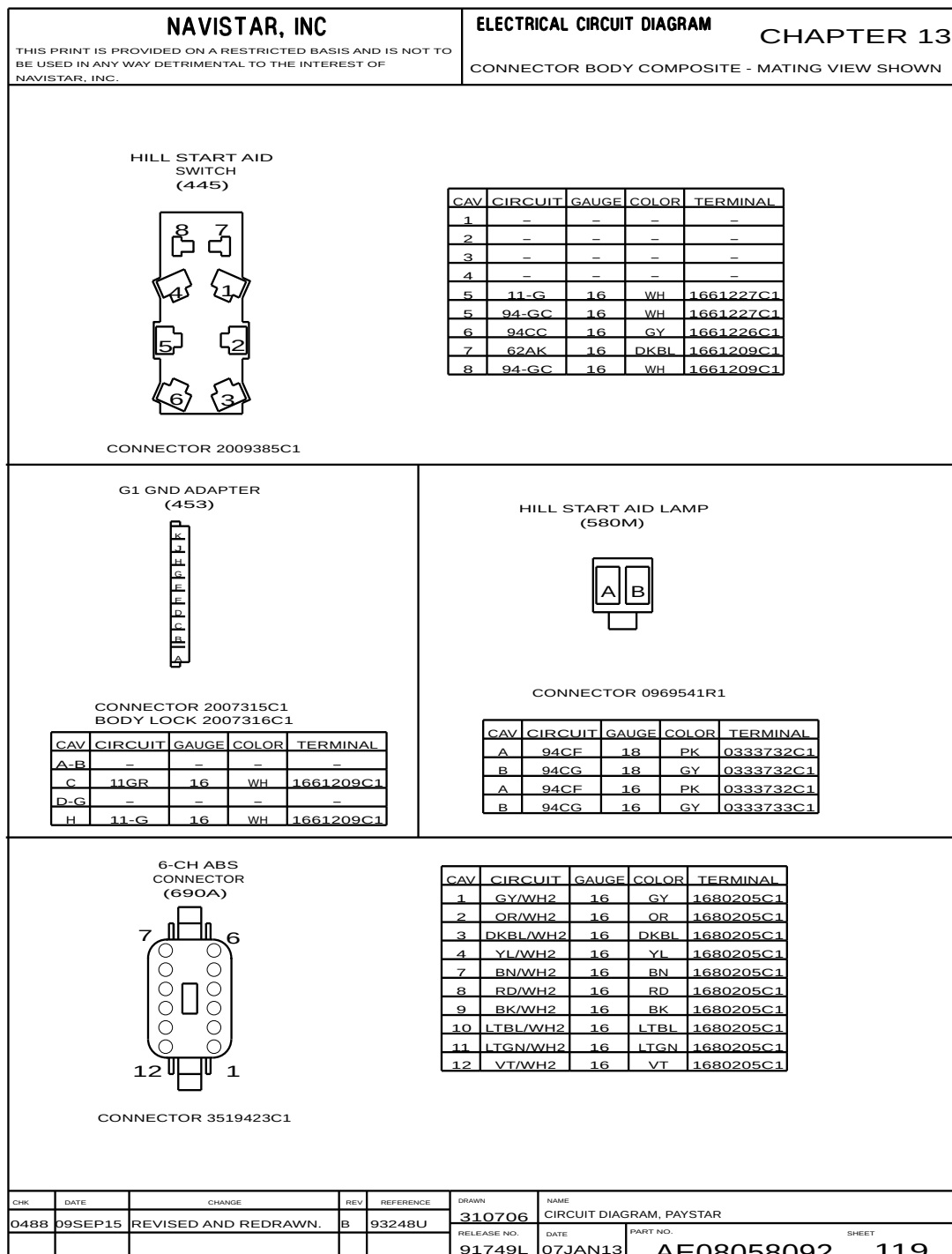


Figure 337 Connector Composites (445 / 453 / 580M / 690A)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

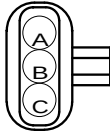
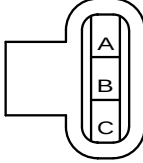
NAVISTAR, INC THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																																													
CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																					
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;"> <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>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> </tbody> </table>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	94SJ	16	GY	3626031C1	2	94SC	16	GY	3626031C1																											
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Figure 338 Connector Composites (1362 / 9510F / 9513)