
Electrical Circuit Diagram Manual

3200

RXT

DuraStar® - 4100, 4300, 4400

TranStar® Natural Gas (NG)

TranStar® - 8500, 8600

WorkStar® - 7300, 7400, 7500, 7600, 7700

Engine Family: MaxxForce® 7, MaxxForce® DT, 9 and 10, MaxxForce® 11 & 13

Engine Family: N9, N10, N13

Engine Family: Cummins ISB, Cummins ISL, Cummins B6.7, Cummins L9, Cummins ISL-G (Natural Gas)

Navistar, Inc.

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

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
DLV1	18SEP09	INITIAL RELEASE.	A	61229V	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					61229V	18MAY09
						PART NO.
						AE08058176
						SHEET
						001

Figure 1 Abbreviations

ELECTRICAL CIRCUIT DIAGRAM MANUAL

2.2. ACRONYMS, P. 2

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 2																																																																																																																																																											
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Figure 2 Acronyms

2.3. CIRCUIT DIAGRAM INSTRUCTIONS, P. 3

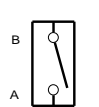
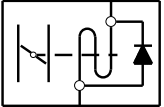
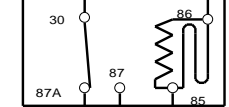
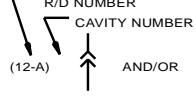
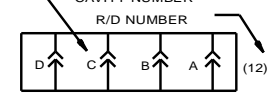

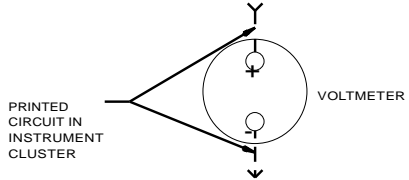
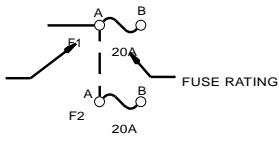

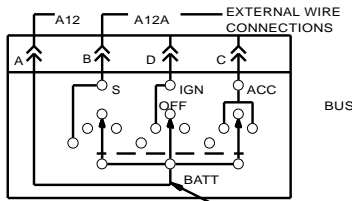
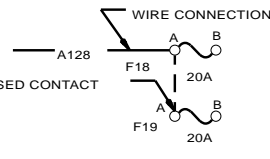
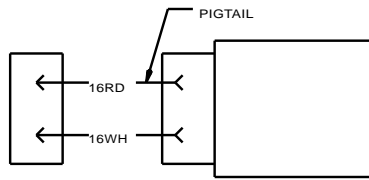
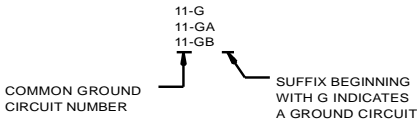

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<p>C - PHANTOM LINES INDICATE PRINTED CIRCUITS OR BUSSED CIRCUITS. THESE CIRCUITS EXIST IN THE INSTRUMENT CLUSTER AND FUSE / CIRCUIT BREAKER CONNECTORS.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>PRINTED CIRCUIT IN INSTRUMENT CLUSTER</p> <p>VOLTMETER</p> </div> <div style="text-align: center;"> <p>LOCATION / CIRCUIT NUMBER WIRE GAUGE / WIRE COLOR</p>  <p>LOCATION IN FUSE / CIRCUIT BREAKER CONNECTION</p> <p>FUSE RATING</p> </div> </div>																																																									
<p>D - MULTIPLE CIRCUIT NUMBERS ON A LINE INDICATE ONE CIRCUIT DISTRIBUTING CURRENT TO TWO CIRCUITS.</p> <div style="text-align: center;">  <p>SPLICE</p> </div>																																																									
<p>E - SWITCHES, RELAYS AND COMPONENTS INDICATE EXTERNAL WIRE CONNECTIONS AND / OR INTERNAL CONNECTIONS OR CONTACTS.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>KEY SWITCH (1101M)</p> </div> <div style="text-align: center;"> <p>EXTERNAL WIRE CONNECTIONS</p>  <p>BUSSED CONTACT</p> </div> <div style="text-align: center;">  <p>PIGTAIL</p> <p>BODY CONTROLLER (1602)</p> </div> </div>																																																									
<p>F - CIRCUIT "11" DENOTES ANY COMMON GROUND (MORE THAN ONE CIRCUIT). ANY INDIVIDUAL GROUND CIRCUIT IS IDENTIFIED WITH THAT PARTICULAR CIRCUIT NUMBER.(E.G. CIRCUIT 32 CRUISE CONTROL IS IDENTIFIED AS PER EXAMPLE)</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>COMMON GROUND CIRCUIT NUMBER</p> <p>SUFFIX BEGINNING WITH G INDICATES A GROUND CIRCUIT</p> </div> <div style="text-align: center;">  <p>INDIVIDUAL GROUND CIRCUIT NUMBER</p> <p>SUFFIX BEGINNING WITH G INDICATES A GROUND CIRCUIT</p> </div> </div> <p style="text-align: center;">NOTE: FOR CIRCUIT DESCRIPTION OTHER THAN GROUNDS NEITHER THE LETTER "G" NOR THE COLOR WHITE SHALL BE USED</p>																																																									
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Figure 3 Circuit Diagram Instructions

2.4. CIRCUIT NUMBER IDENTIFICATION AND COLOR, P. 4

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 2																																																																																																																																				
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Figure 4 Circuit Number Identification and Color

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

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

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
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					RELEASE NO.	DATE
					61229V	18MAY09
						PART NO.
						AE08058176
						SHEET
						005

Figure 5 Circuit Number Identification and Color (Cont.)

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

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 2	
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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	INTRUMENT CLUSTER ELECTRONIC FEED (5V)
108	GY	BRAKE PAD WEAR SENSOR
109	GY	BRAKE STROKE / SLACK ADJUSTER
110	GY	INTRUMENT 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
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						PART NO.
						AE08058176
						SHEET
						006

Figure 6 Circuit Number Identification and Color (Cont.)

2.7. LAMP BULB CHART, P. 7

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 2																																																																									
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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">BULB APPLICATION</th> <th style="width: 20%;">CANDLEPOWER OR WATT</th> <th style="width: 20%;">BULB TRADE NUMBER</th> </tr> </thead> <tbody> <tr><td>BACK-UP LIGHTS</td><td>32 CP</td><td>GE1156</td></tr> <tr><td>CLEARANCE & IDENTIFICATION SMALL</td><td>3 CP</td><td>GE168</td></tr> <tr><td>COURTESY LIGHT</td><td>21 CP</td><td>1142</td></tr> <tr><td>DOVE LIGHTS</td><td>21 CP</td><td>1142</td></tr> <tr><td>FOG LIGHTS</td><td>100 WATT</td><td>4921 - 1</td></tr> <tr><td>LOW BEAMS</td><td>55 WATT</td><td>GE9007</td></tr> <tr><td>HIGH BEAMS</td><td>60 WATT</td><td>GE9007</td></tr> <tr><td>CIGAR LIGHTER</td><td>1 CP</td><td>1455</td></tr> <tr><td>MAP LIGHT</td><td>3 CP</td><td>1816</td></tr> <tr><td>SIDE MARKER</td><td></td><td>2548</td></tr> <tr><td>STOP & TURN / TAIL & LICENSE PLATE</td><td>32 / 3 CP</td><td>3157</td></tr> <tr><td>TURN SIGNAL / MARKER (FENDER)</td><td>32 / 3 CP</td><td>3157</td></tr> <tr><td>TURN SIGNAL & MARKER LIGHT</td><td></td><td>2356</td></tr> <tr><td>WORK (TRAILER HOOK)</td><td>35 WATT</td><td>4411</td></tr> <tr><td>BACK-UP LIGHTS UPPER AND LOWER BUNK READING LIGHT</td><td>15 CP</td><td>1003</td></tr> <tr><td>CABINET / WARDROBE LIGHT</td><td>5W</td><td>7575</td></tr> <tr><td>UNDER BUNK LIGHT</td><td>21 CP / 2(12 CP)</td><td>577 / 211</td></tr> <tr><td>ACCENT LIGHT</td><td>2 (12 CP)</td><td>211</td></tr> <tr><td>DOVE LIGHT LAMP</td><td>15 WATT</td><td>F15T8 - CW</td></tr> <tr><td>SLEEPER FLOOR LIGHT</td><td>4 CP</td><td>W5W</td></tr> <tr><td>HEATER AND AIR CONDITIONER CONTROL</td><td>3 CP</td><td>168</td></tr> <tr><td>LUGGAGE COMPARTMENT LIGHT</td><td>6 CP</td><td>99</td></tr> <tr><td>READING LIGHT</td><td>15 CP</td><td>1003</td></tr> </tbody> </table>								BULB APPLICATION	CANDLEPOWER OR WATT	BULB TRADE NUMBER	BACK-UP LIGHTS	32 CP	GE1156	CLEARANCE & IDENTIFICATION SMALL	3 CP	GE168	COURTESY LIGHT	21 CP	1142	DOVE LIGHTS	21 CP	1142	FOG LIGHTS	100 WATT	4921 - 1	LOW BEAMS	55 WATT	GE9007	HIGH BEAMS	60 WATT	GE9007	CIGAR LIGHTER	1 CP	1455	MAP LIGHT	3 CP	1816	SIDE MARKER		2548	STOP & TURN / TAIL & LICENSE PLATE	32 / 3 CP	3157	TURN SIGNAL / MARKER (FENDER)	32 / 3 CP	3157	TURN SIGNAL & MARKER LIGHT		2356	WORK (TRAILER HOOK)	35 WATT	4411	BACK-UP LIGHTS UPPER AND LOWER BUNK READING LIGHT	15 CP	1003	CABINET / WARDROBE LIGHT	5W	7575	UNDER BUNK LIGHT	21 CP / 2(12 CP)	577 / 211	ACCENT LIGHT	2 (12 CP)	211	DOVE LIGHT LAMP	15 WATT	F15T8 - CW	SLEEPER FLOOR LIGHT	4 CP	W5W	HEATER AND AIR CONDITIONER CONTROL	3 CP	168	LUGGAGE COMPARTMENT LIGHT	6 CP	99	READING LIGHT	15 CP	1003
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					61229V	18MAY09	AE08058176																																																																								
							SHEET 007																																																																								

Figure 7 Lamp Bulb Chart

2.8. RELAY FUNCTION AND WIRING GUIDE, P. 8

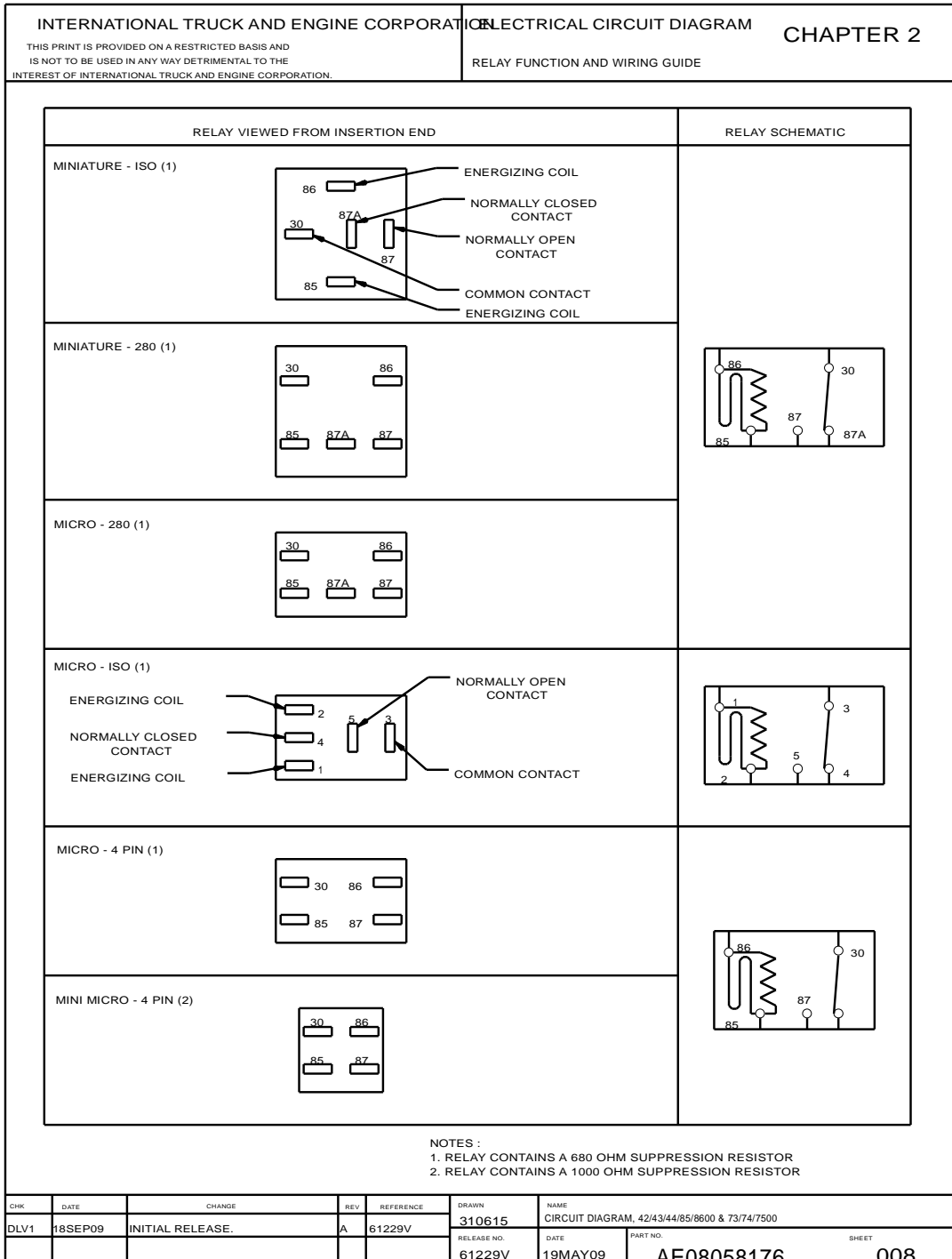


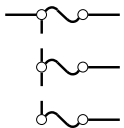
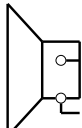

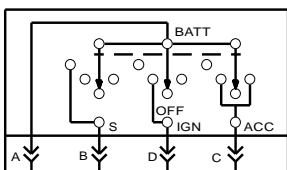

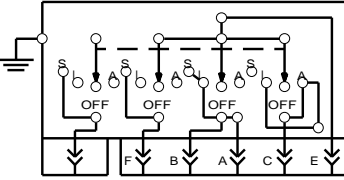

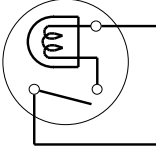

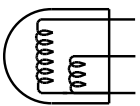



Figure 8 Relay Function and Wiring Guide

2.9. SCHEMATIC SYMBOL CHART, P. 9

INTERNATIONAL TRUCK AND ENGINE CORPORATION				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 INTERNATIONAL TRUCK AND ENGINE CORPORATION.				SCHEMATIC SYMBOL CHART							
SYMBOL		DESCRIPTION		SYMBOL		DESCRIPTION		SYMBOL		DESCRIPTION	
		AIR DRYER				CIGAR LIGHTER				CIRCUIT BREAKER	
		ALARM				DIODE				FAN SOLENOID	
		ALTERNATOR				DIODE, LIGHT EMITTING				BLUNT CUT CIRCUIT	
		AMMETER				FEMALE TERMINAL				BUSBAR	
		BATTERY				FUSE					
		BLUNT CUT CIRCUIT									
		BUSBAR									
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME					
DLV1	18SEP09	INITIAL RELEASE.	A	61229V	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500					
					RELEASE NO.	DATE	PART NO.	SHEET			
					61229V	19MAY09	AE08058176	009			

Figure 9 Schematic Symbol Chart

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

INTERNATIONAL TRUCK AND ENGINE CORPORATION				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 INTERNATIONAL TRUCK AND ENGINE CORPORATION.				SCHEMATIC SYMBOL CHART (CONT)			
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		
	BRACE						

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
DLV1	18SEP09	INITIAL RELEASE.	A	61229V	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					61229V	19MAY09
					PART NO.	SHEET
					AE08058176	010

Figure 10 Schematic Symbol Chart (Cont.)

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

INTERNATIONAL TRUCK AND ENGINE CORPORATION					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 INTERNATIONAL TRUCK AND ENGINE CORPORATION.					SCHEMATIC SYMBOL CHART (CONT)				
SYMBOL		DESCRIPTION			SYMBOL		DESCRIPTION		
		MALE TERMINAL					RESISTOR		
		MOTOR					SENDER - FUEL, OIL, WATER		
		PASS THRU CONNECTION					SENSOR, PRESSURE. ABS 6		
		PRESSURE SWITCH					SENSOR, MAGNETIC		
		RELAY, FIVE TERMINAL					SENSOR, YAW		
		RELAY, FOUR TERMINAL					SOLENOID		
		RELAY, LATCHING					SOLENOID W/ DIODE		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME			
DLV1	18SEP09	INITIAL RELEASE.	A	61229V	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500			
					RELEASE NO.	DATE	PART NO.	SHEET	
					61229V	19MAY09	AE08058176	011	

Figure 11 Schematic Symbol Chart (Cont.)

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

INTERNATIONAL TRUCK AND ENGINE CORPORATION					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 INTERNATIONAL TRUCK AND ENGINE CORPORATION.					SCHEMATIC SYMBOL CHART (CONT)				
SYMBOL		DESCRIPTION			SYMBOL		DESCRIPTION		
		SPEAKER					SWITCH, PUSH BUTTON		
		SPLICE					TERMINATING RESISTOR		
		STUD					THERMOSTAT		
		START MOTOR W/ TOCP					VALVE, ETHER BOTTLE		
		SWITCH, MECHANICAL (NORMALLY OPEN)					VALVE, MODULATOR		
		SWITCH, MECHANICAL (NORMALLY CLOSED)					DIODE ASSEMBLY		
CHK	DATE	CHANGE	REV.	REFERENCE	DRAWN	NAME			
DLV1	18SEP09	INITIAL RELEASE.	A	61229V	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500			
					RELEASE NO.	DATE	PART NO.	SHEET	
					61229V	19MAY09	AE08058176	012	

Figure 12 Schematic Symbol Chart (Cont.)

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

3.1. BATTERY FEED, DUAL, P. 1

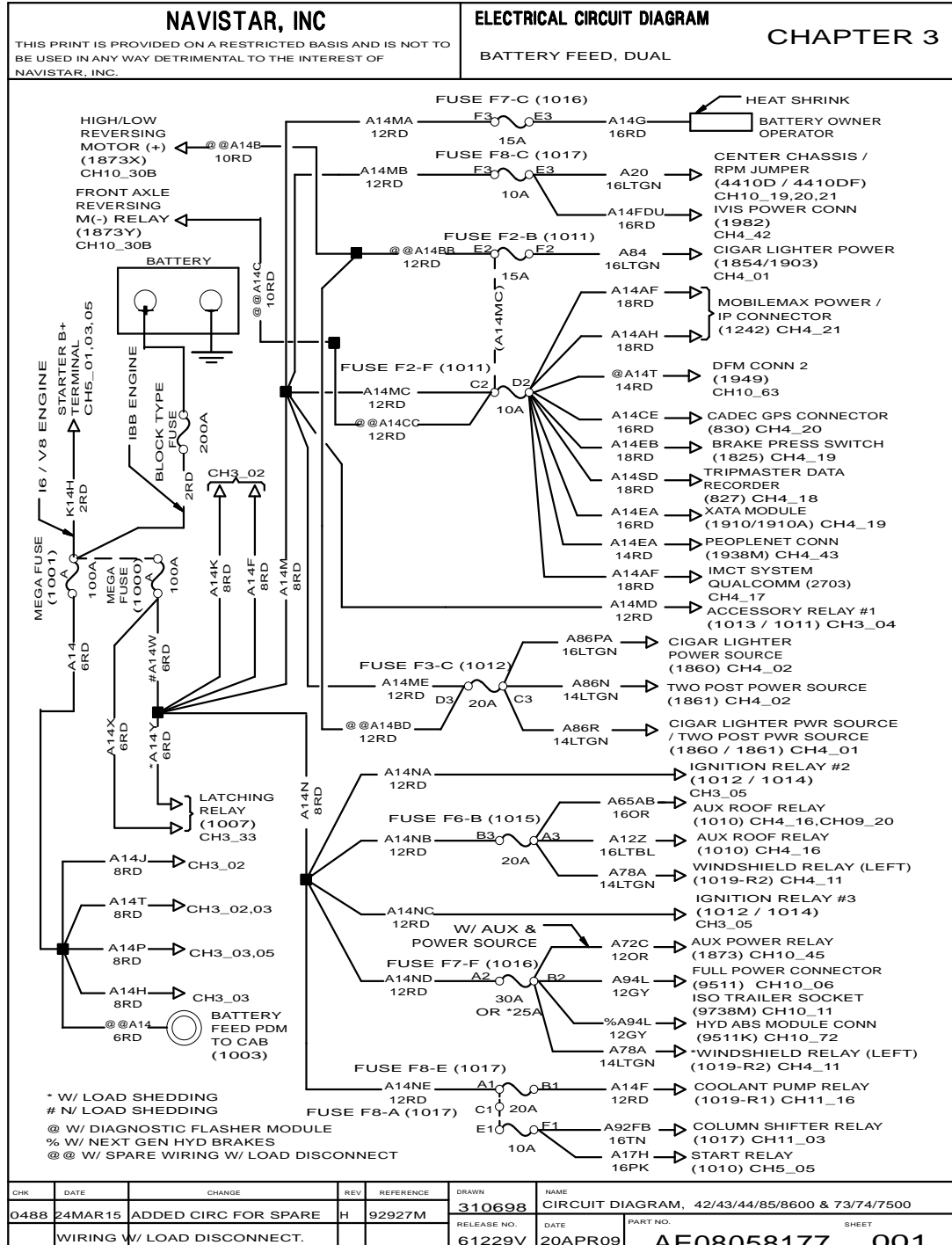


Figure 13 Battery Feed, Dual

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

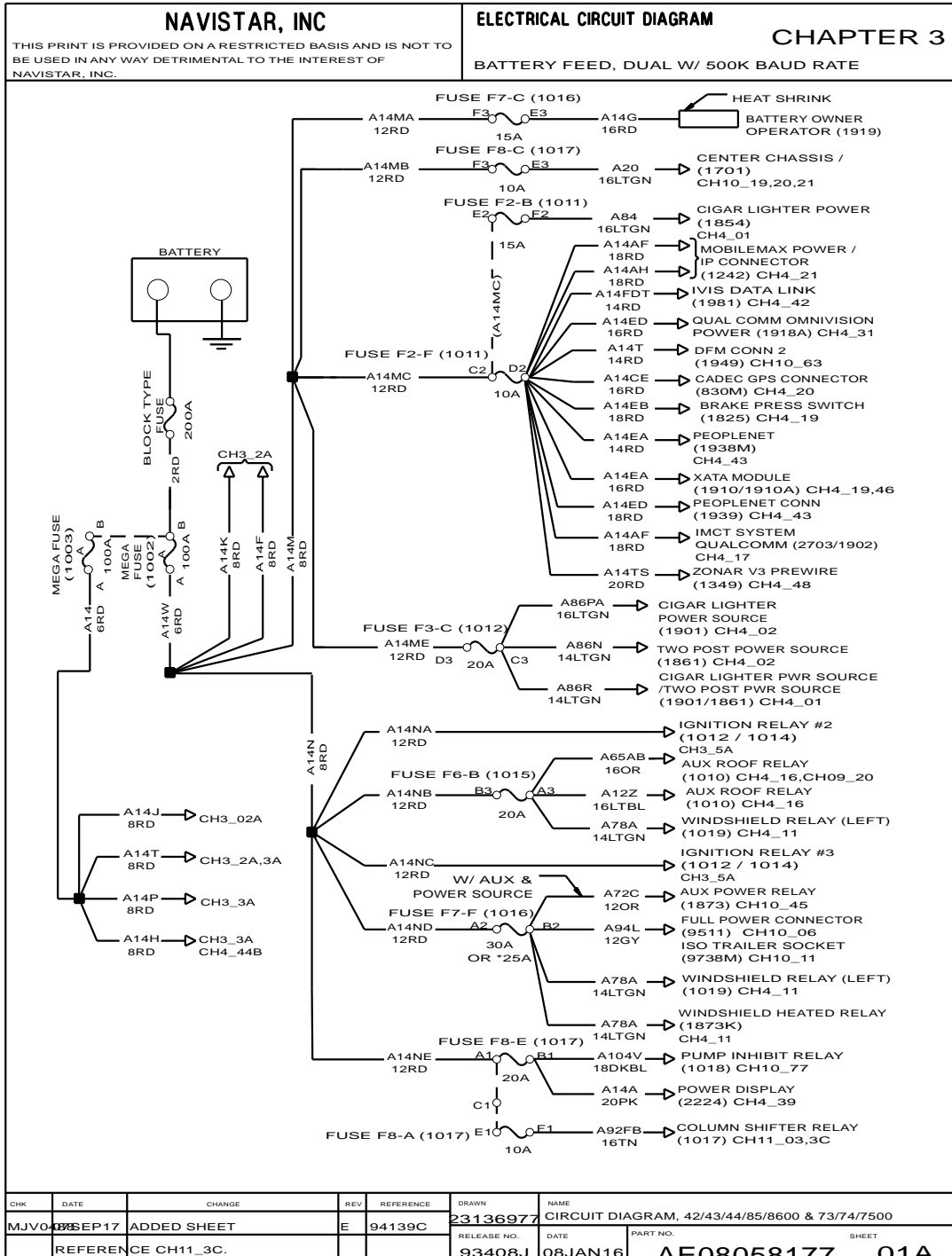


Figure 14 Battery Feed, Dual with 500K Baud Rate

3.3. BATTERY FEED, DUAL (CONT.), P. 2

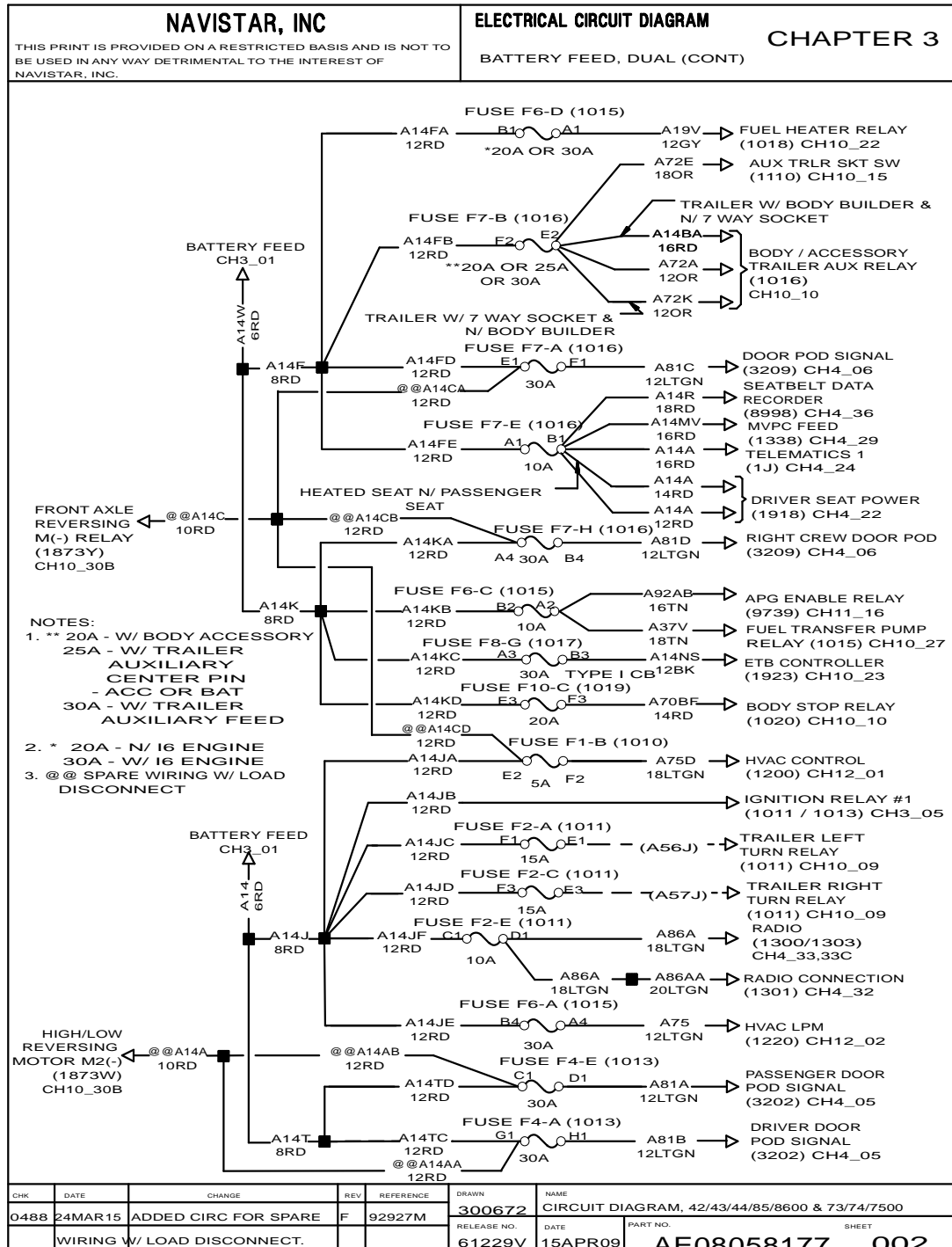


Figure 15 Battery Feed, Dual (Cont.)

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

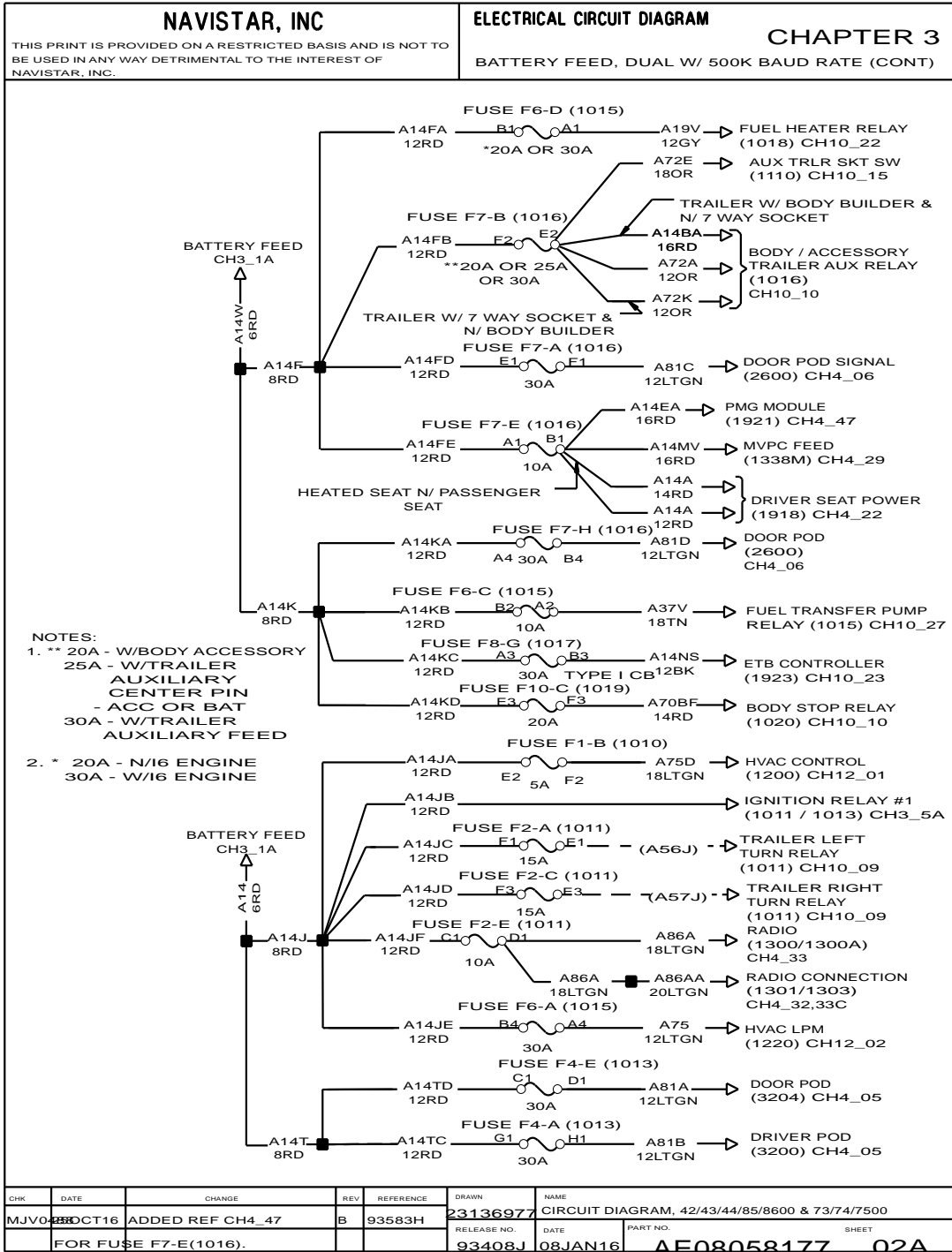


Figure 16 Battery Feed, Dual with 500K Baud Rate (Cont.)

3.5. BATTERY FEED, DUAL (CONT.), P. 3

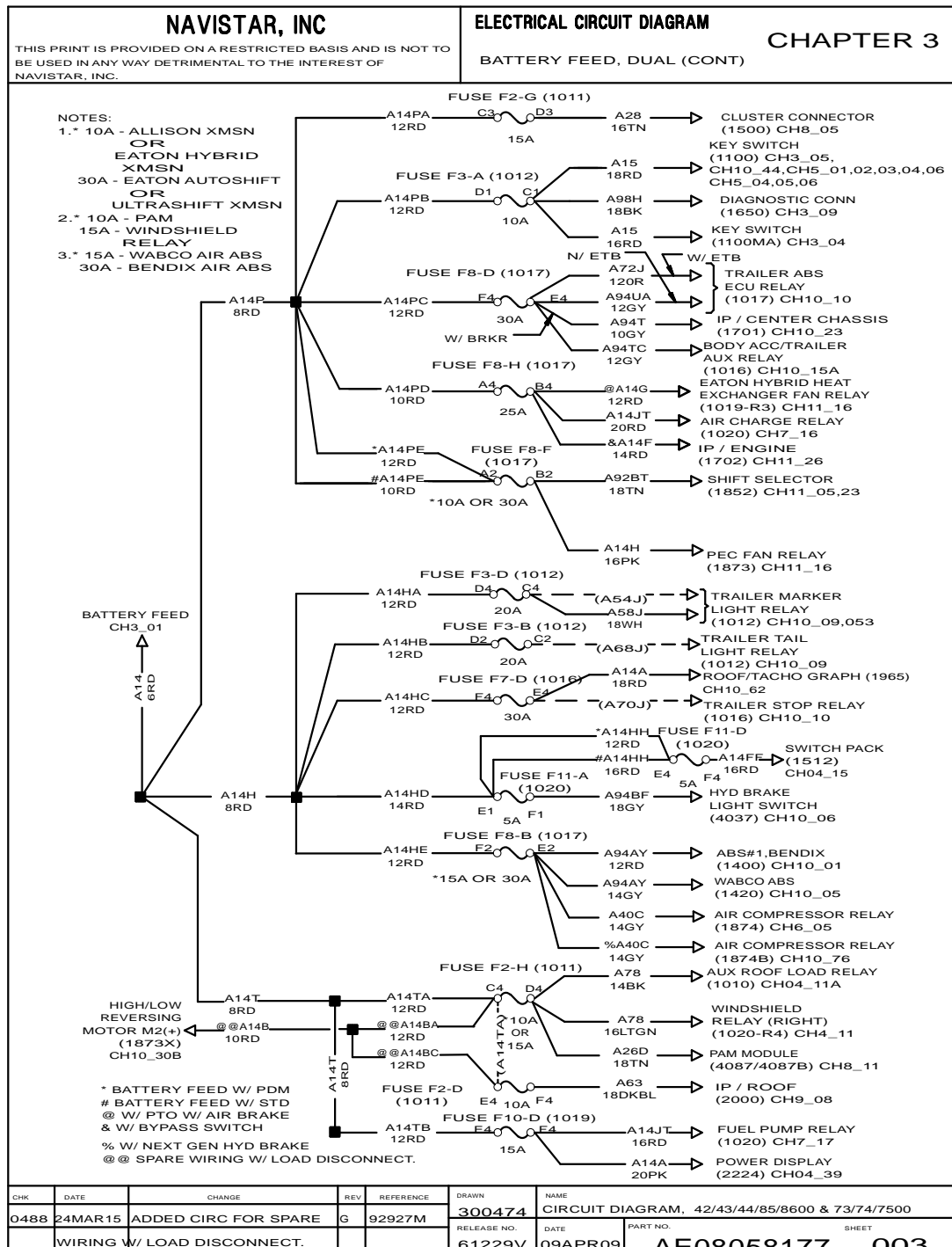


Figure 17 Battery Feed, Dual (Cont.)

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

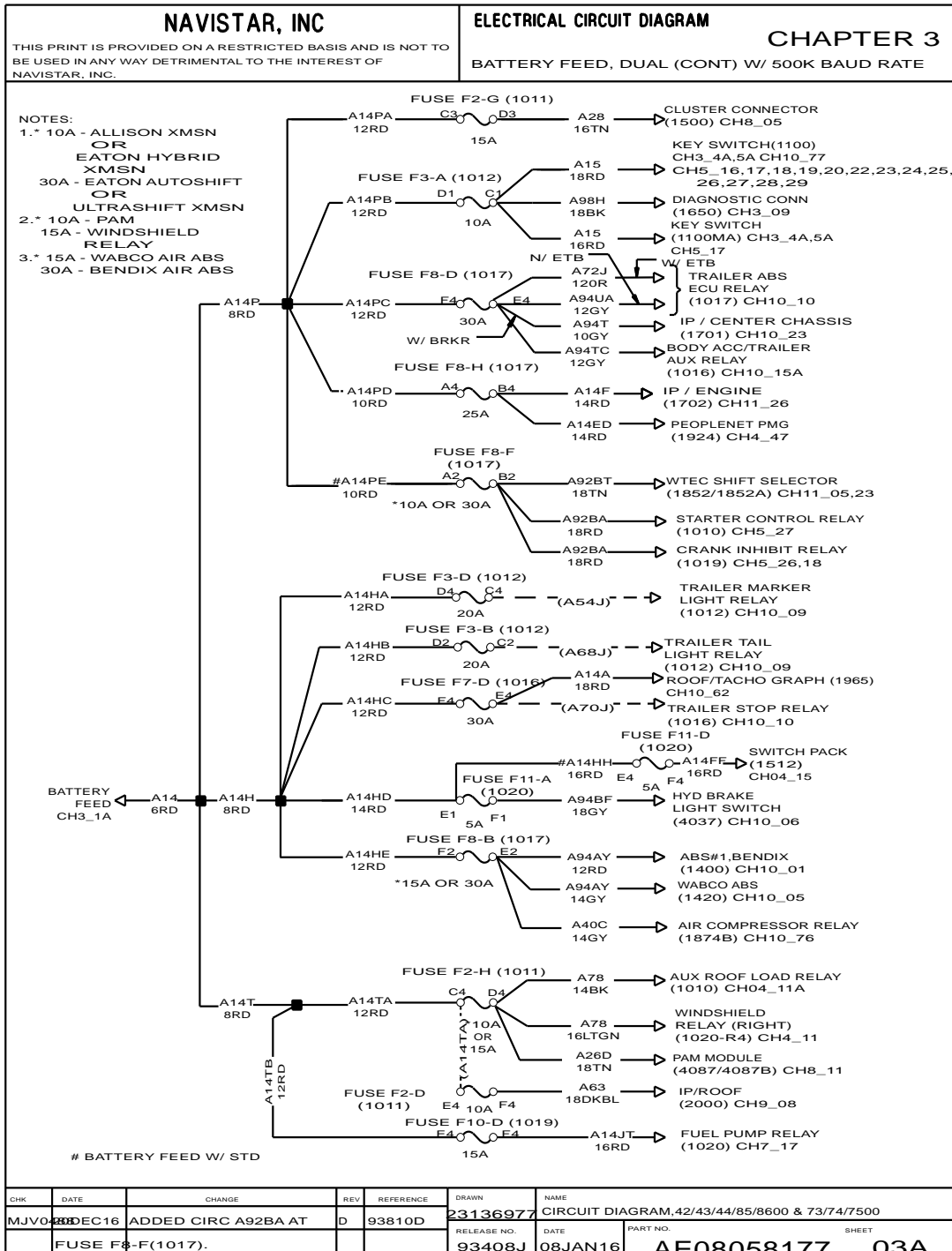


Figure 18 Battery Feed, Dual with 500K Baud Rate (Cont.)

3.7. ACCESSORY FEED, P. 4

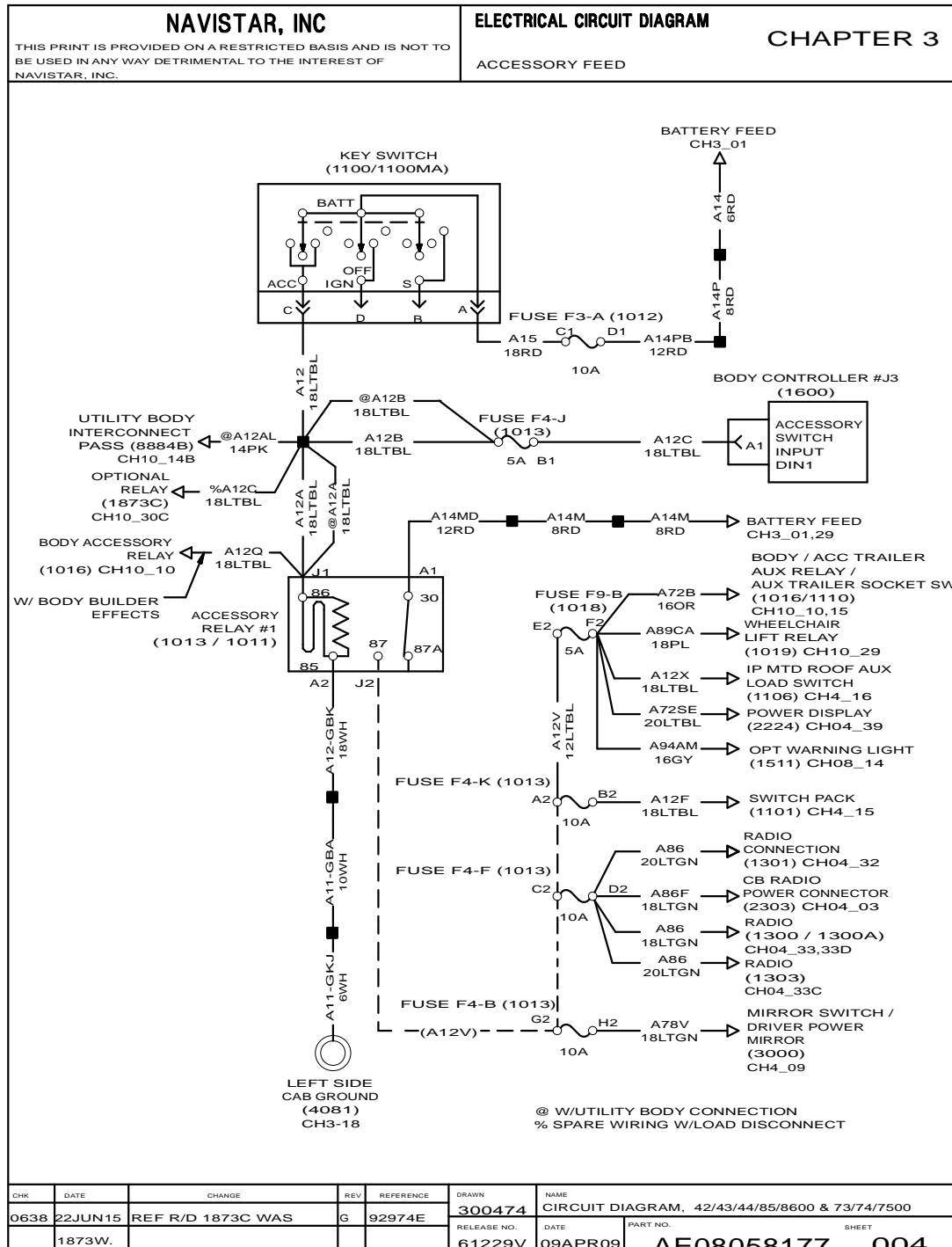


Figure 19 Accessory Feed

3.8. ACCESSORY FEED STANDARD WITH BODY BUILDER WITH 500K BAUD RATE, P. 4A

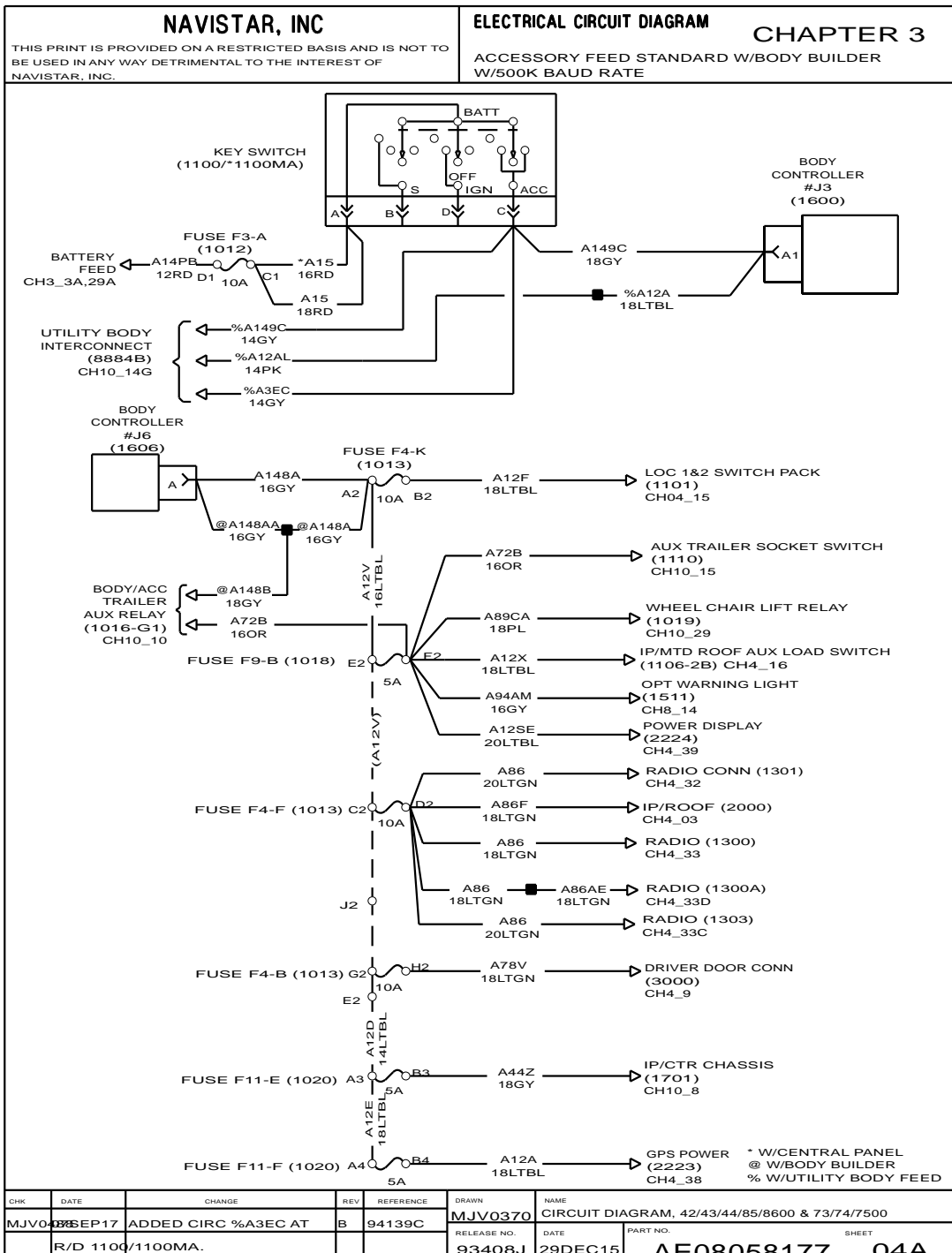


Figure 20 Accessory Feed Standard with Body Builder with 500K Baud Rate

3.9. IGNITION FEED – STANDARD, THEFT DETERRENT, REMOTE START / STOP, P. 5

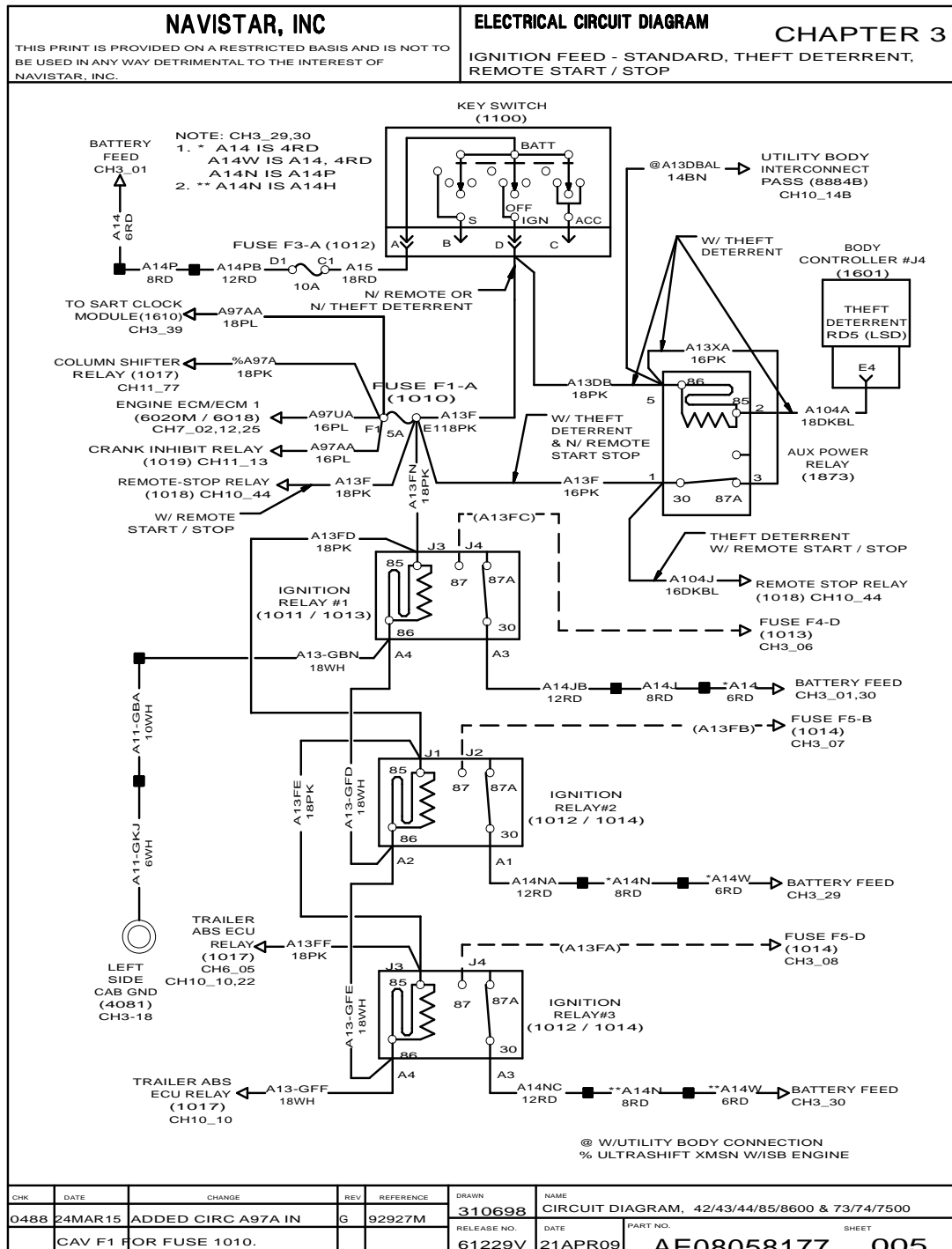
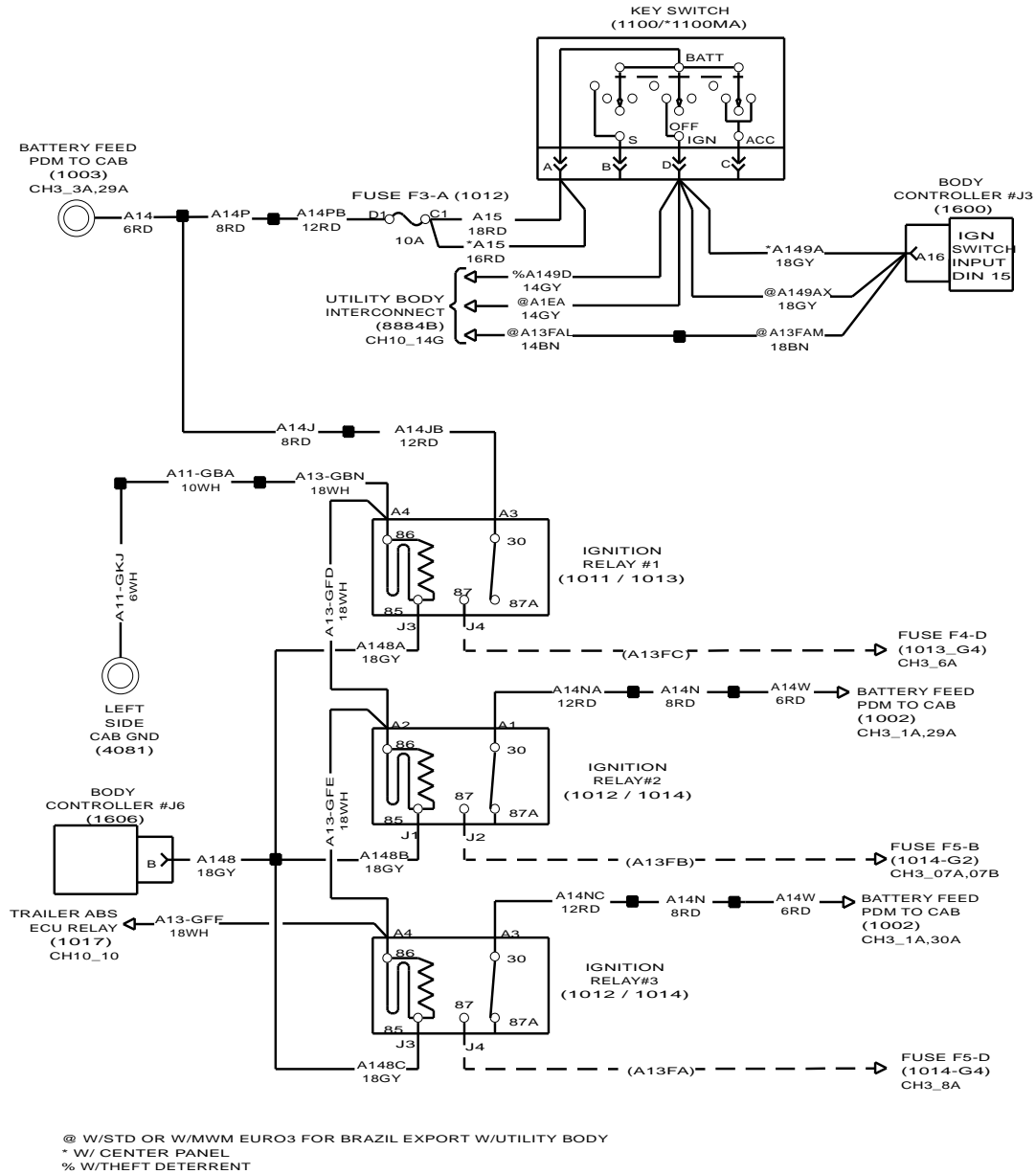


Figure 21 Ignition Feed – Standard, Theft Deterrent, Remote Start / Stop

3.10. IGNITION FEED WITH 500K BAUD RATE, P. 5A

IGNITION FEED W/500K BAUD RATE



MJV0408 SEP17 CIRC @A1EA WAS @A18A. C 94139C

MJV0222 CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500

93408J 30DEC15 AE08058177 05A

Figure 22 Ignition Feed with 500K Baud Rate

3.11. IGNITION FEED – RELAY 1, P. 6

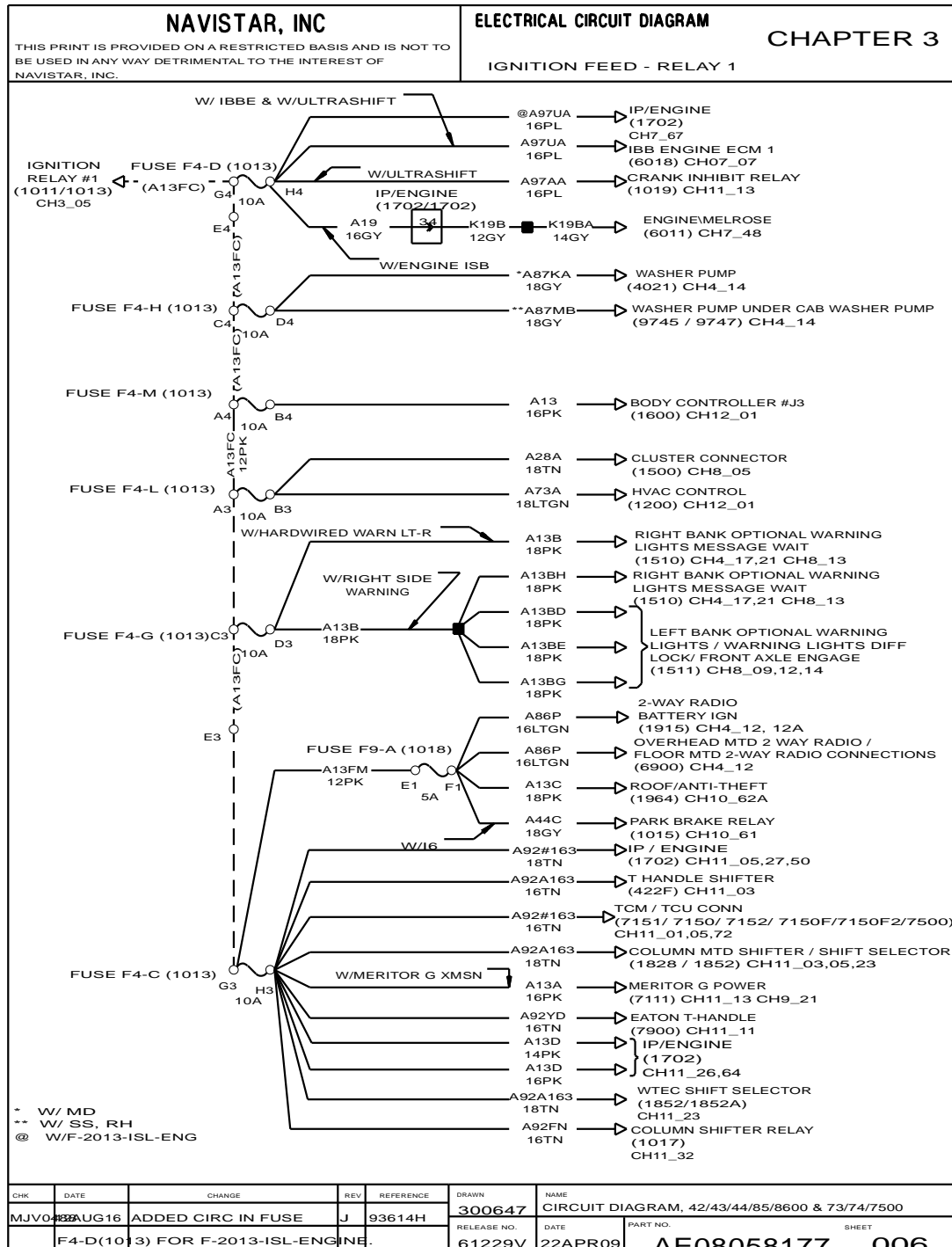


Figure 23 Ignition Feed – Relay 1

3.12. IGNITION FEED WITH 500K BAUD RATE 1, P. 6A

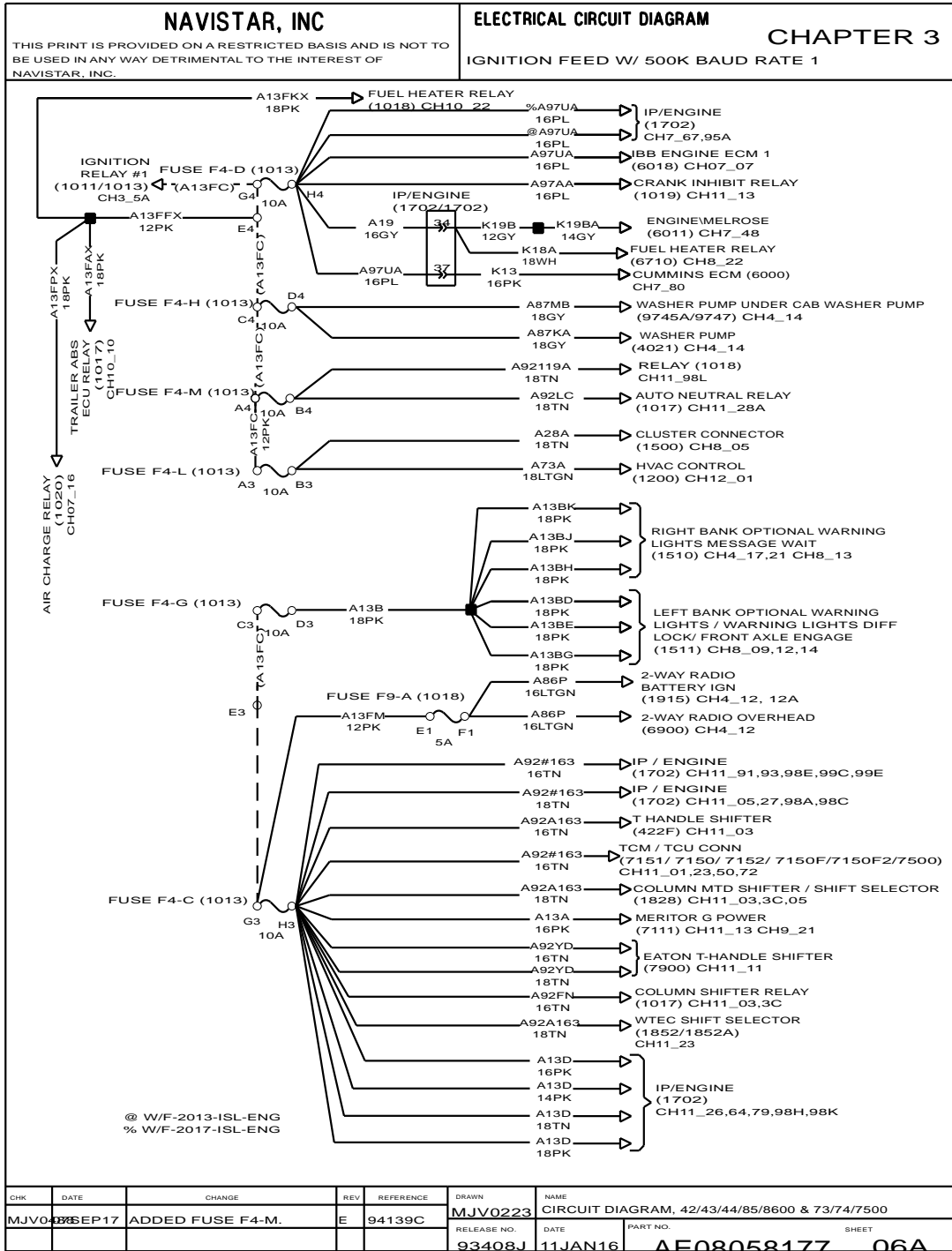


Figure 24 Ignition Feed with 500K Baud Rate 1

3.13. IGNITION FEED – RELAY 2, P. 7

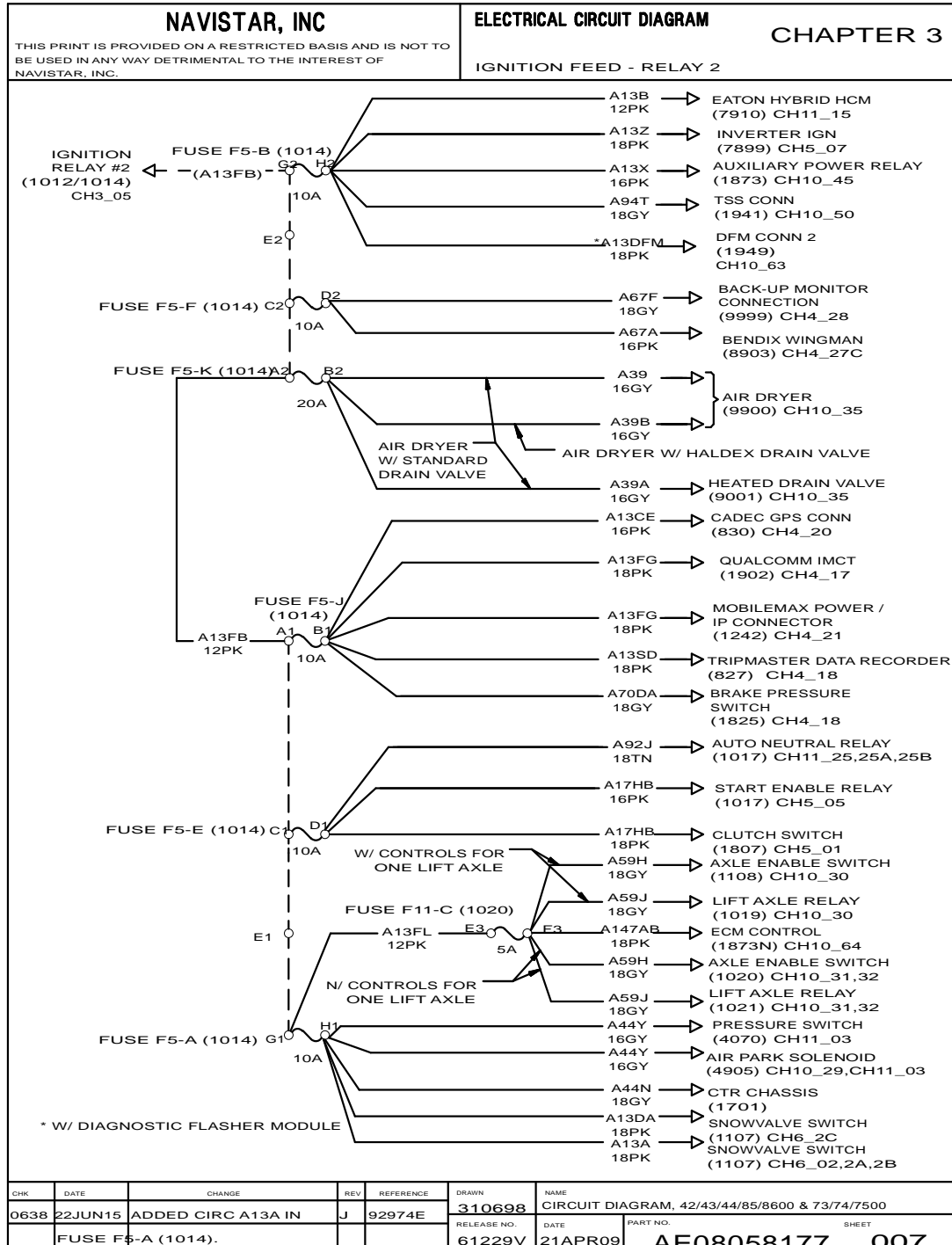


Figure 25 Ignition Feed – Relay 2

3.14. IGNITION FEED – RELAY 2 (CONT.), P. 7A

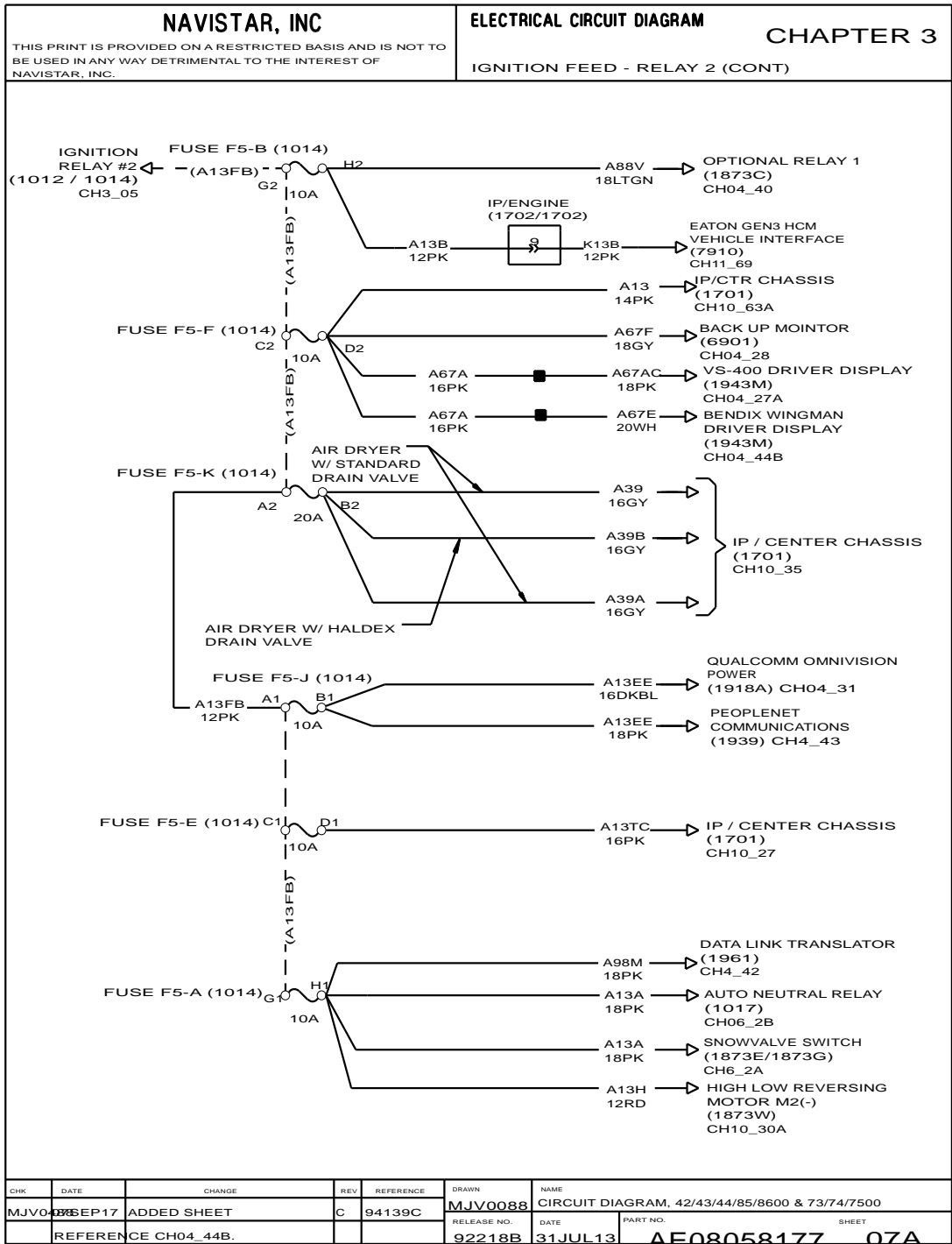


Figure 26 Ignition Feed – Relay 2 (Cont.)

3.15. IGNITION FEED WITH 500K BAUD RATE 2, P. 7B

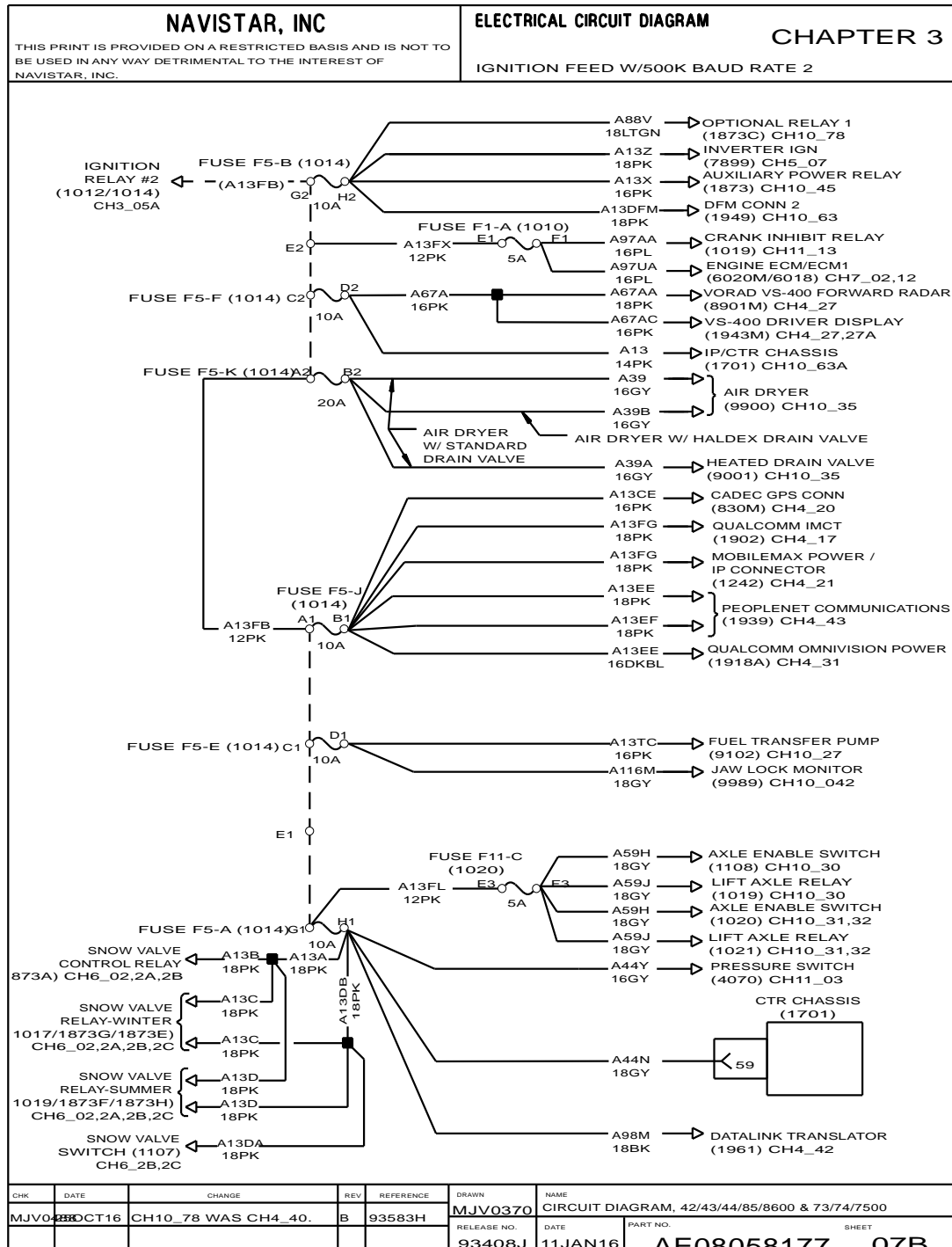


Figure 27 Ignition Feed with 500K Baud Rate 2

3.16. IGNITION FEED – RELAY 3, P. 8

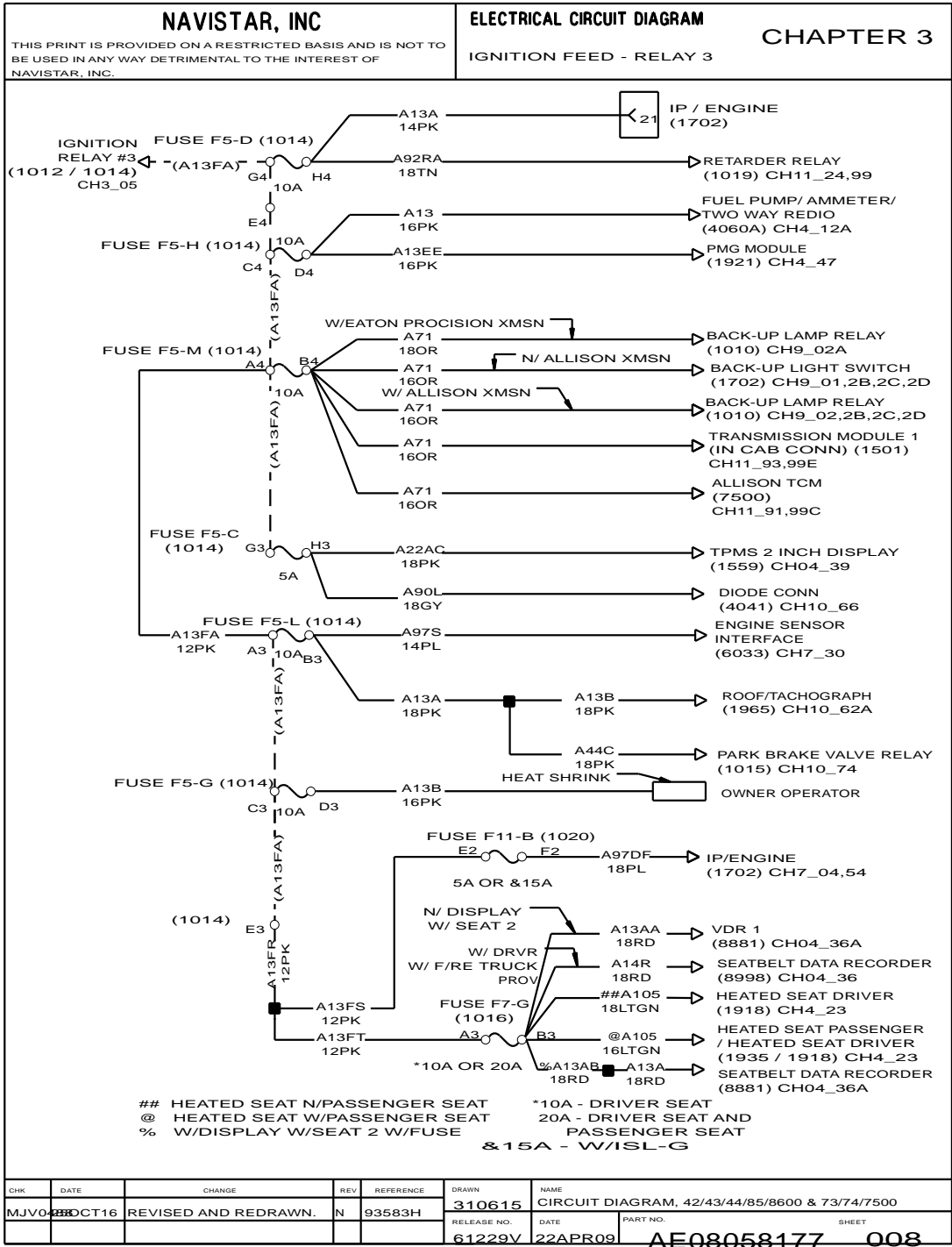


Figure 28 Ignition Feed – Relay 3

3.17. IGNITION FEED – RELAY 3 WITH 500K BAUD RATE, P. 8A

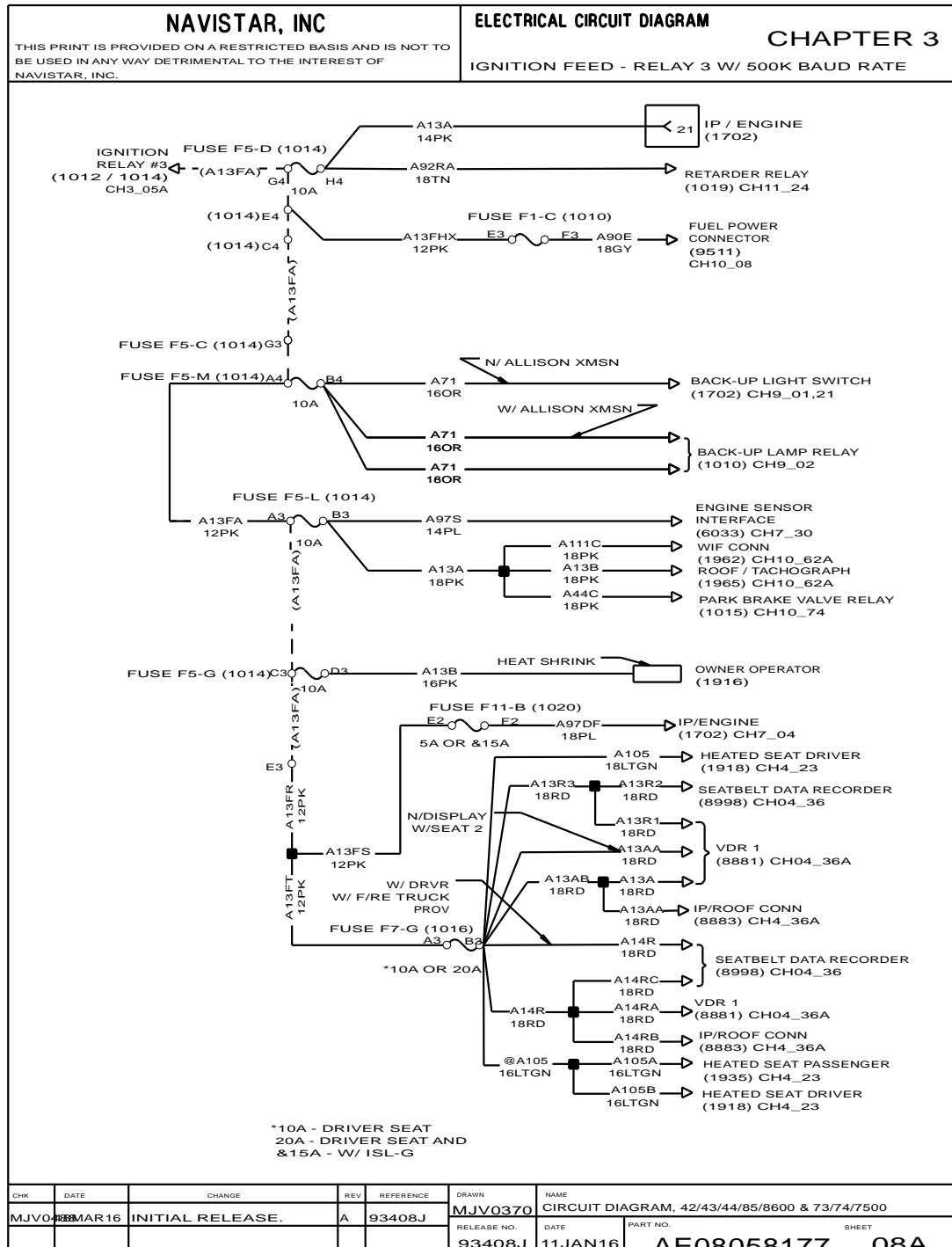


Figure 29 Ignition Feed – Relay 3 with 500K Baud Rate

3.18. J1708 DATA LINK – PUBLIC EFFECTS, P. 9

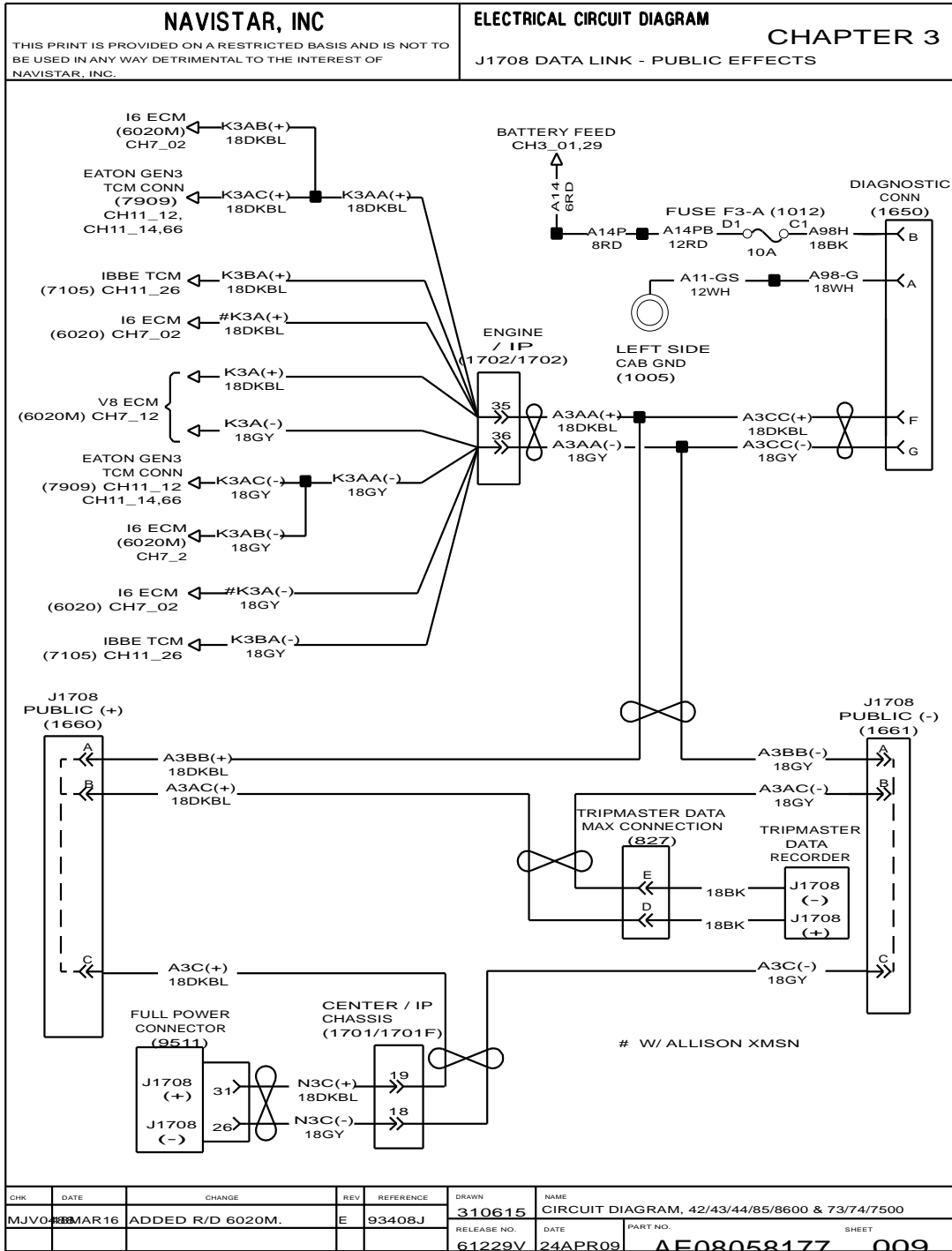


Figure 30 J1708 Data Link – Public Effects

3.19. J1708 DATA LINK – PUBLIC EFFECTS (CONT.), P. 10

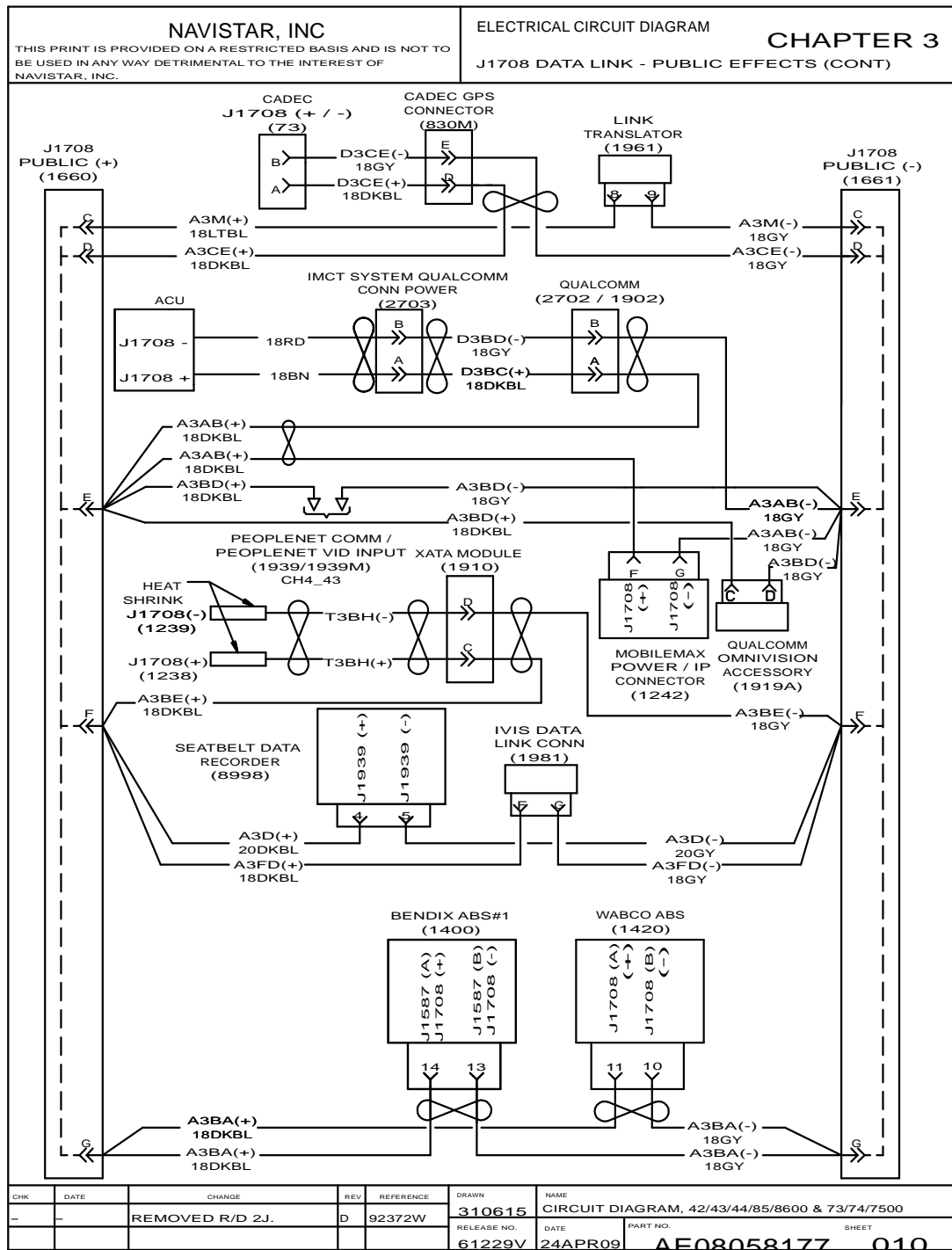


Figure 31 J1708 Data Link – Public Effects (Cont.)

3.20. J1708 DATA LINK – PRIVATE WITH POWER WINDOW AND LOCK, P. 11

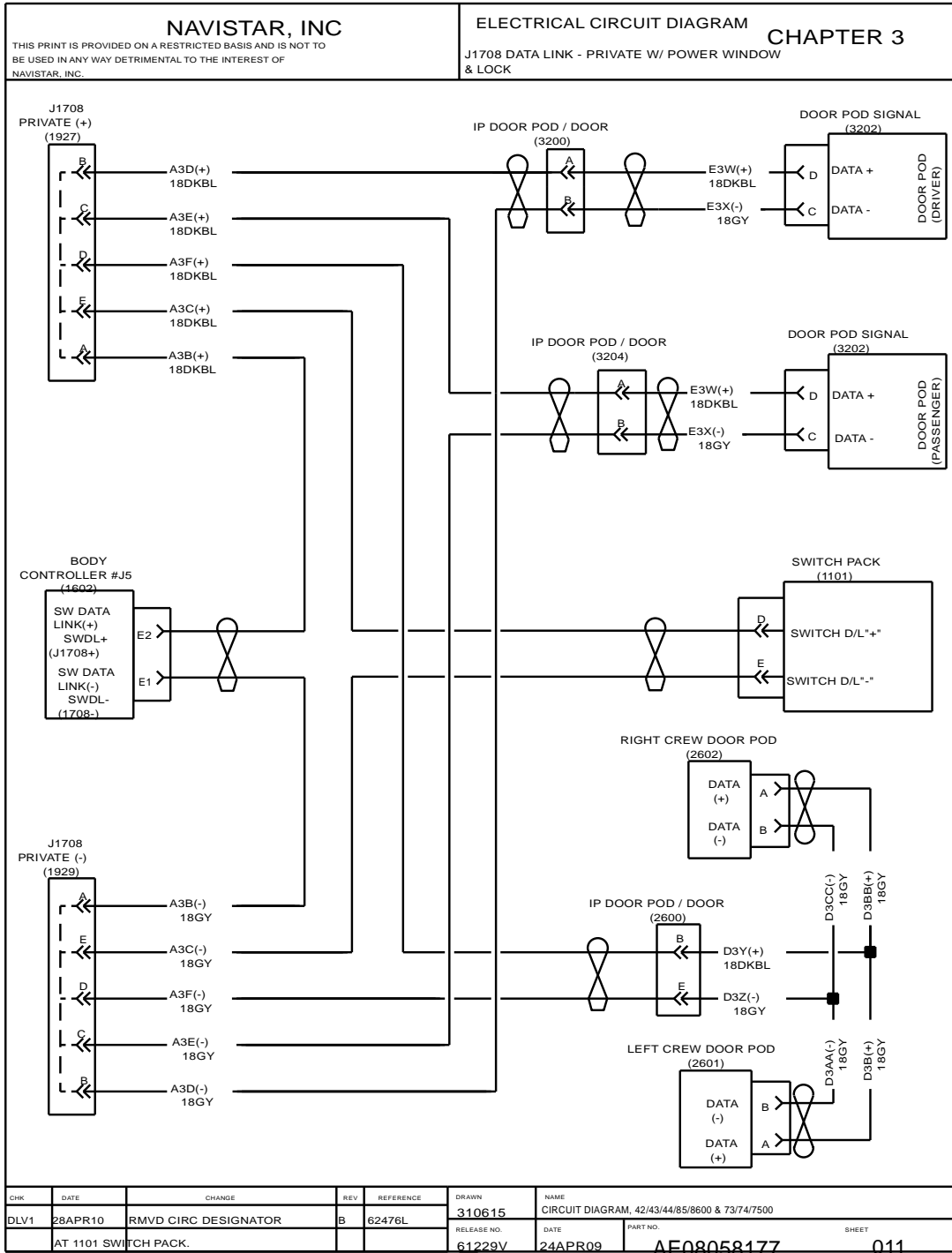


Figure 32 J1708 Data Link – Private with Power Window and Lock

3.21. J1939 DATA LINK, P. 12

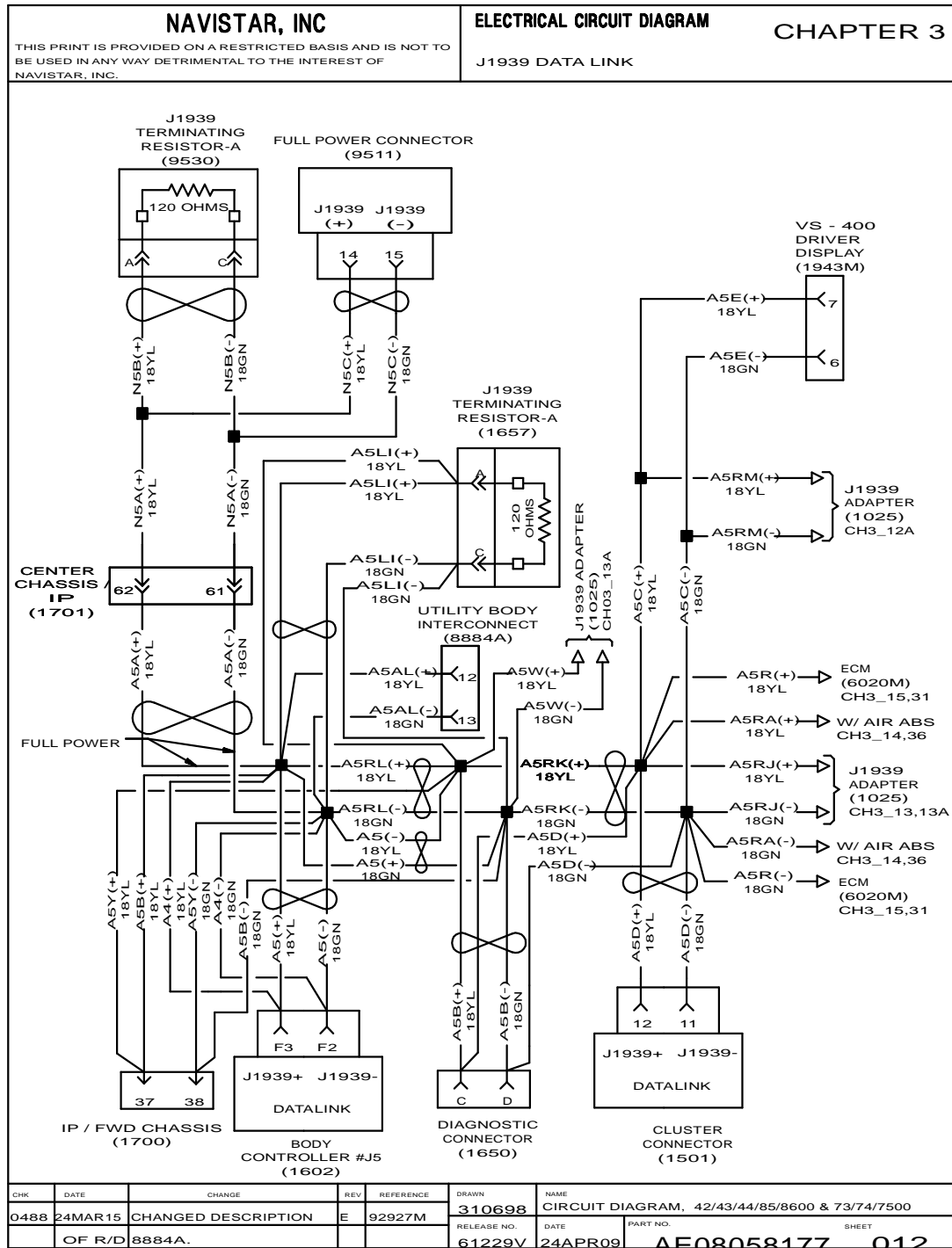


Figure 33 J1939 Data Link

3.22. J1939 DATA LINK WITH UTILITY BODY CONNECTIONS, P. 12A

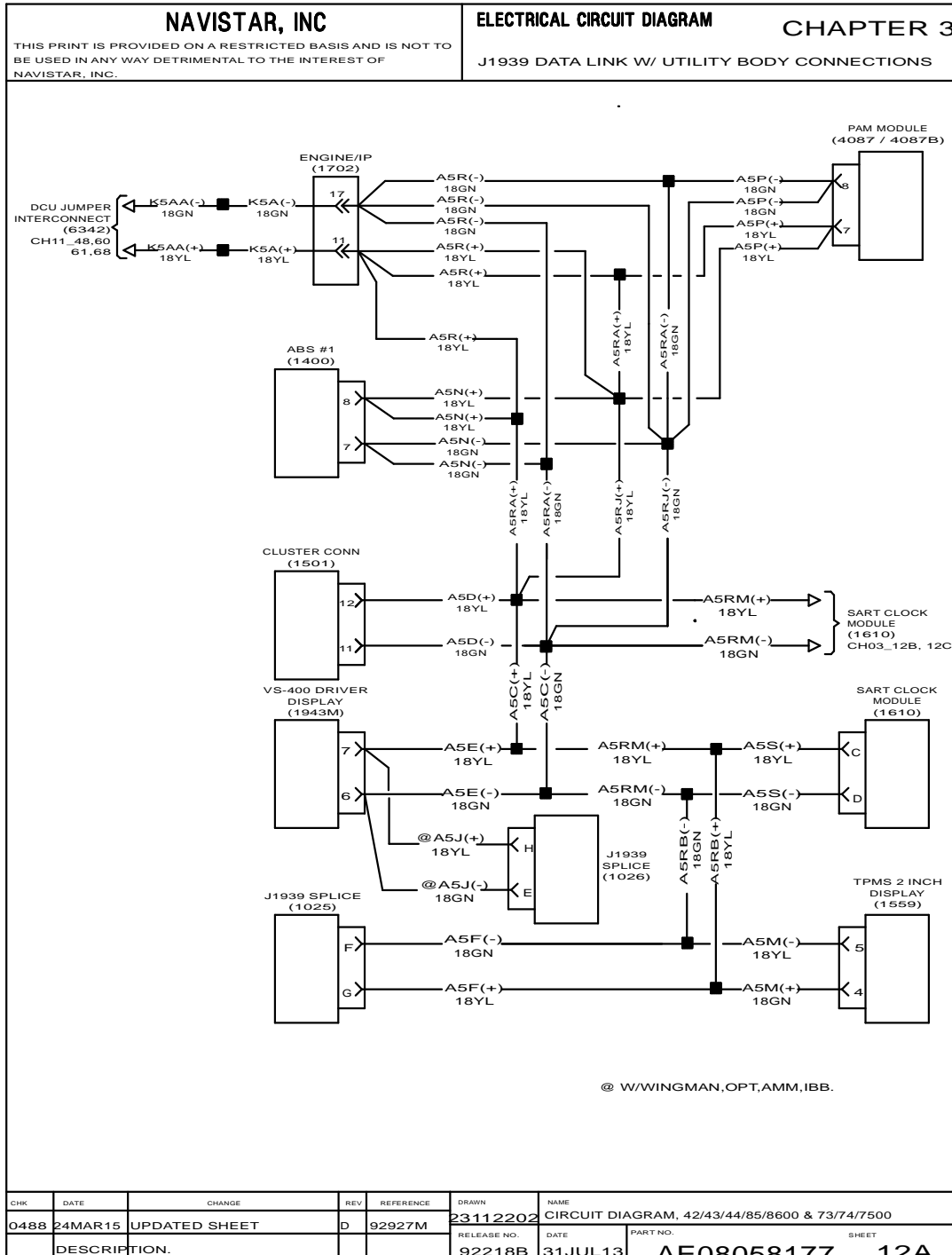


Figure 34 J1939 Data Link with Utility Body Connections

3.23. J1939 DATA LINK WITH UTILITY BODY CONNECTIONS (CONT.), P. 12B

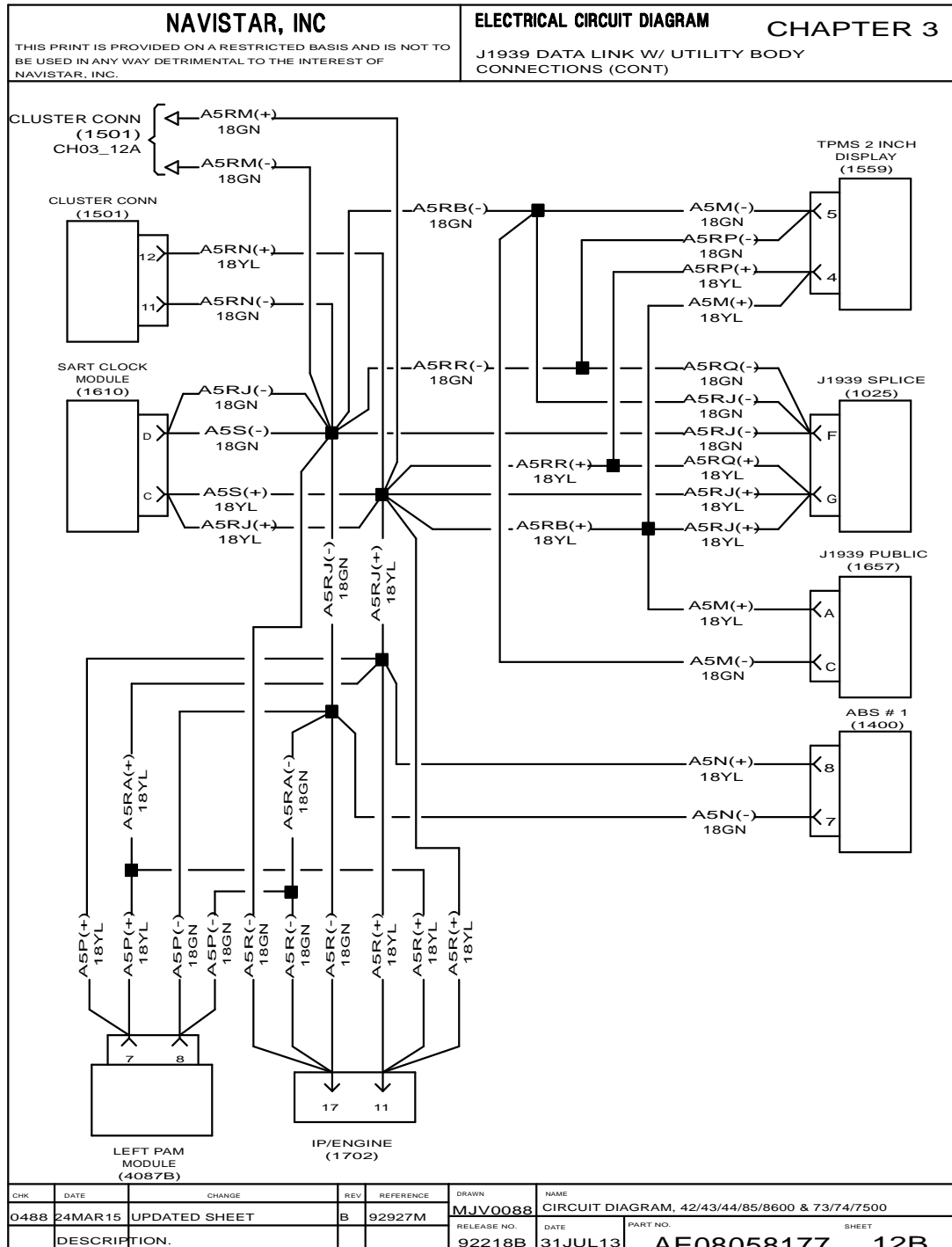


Figure 35 J1939 Data Link with Utility Body Connections (Cont.)

3.24. J1939 DATA LINK WITH UTILITY BODY CONNECTIONS (CONT.), P. 12C

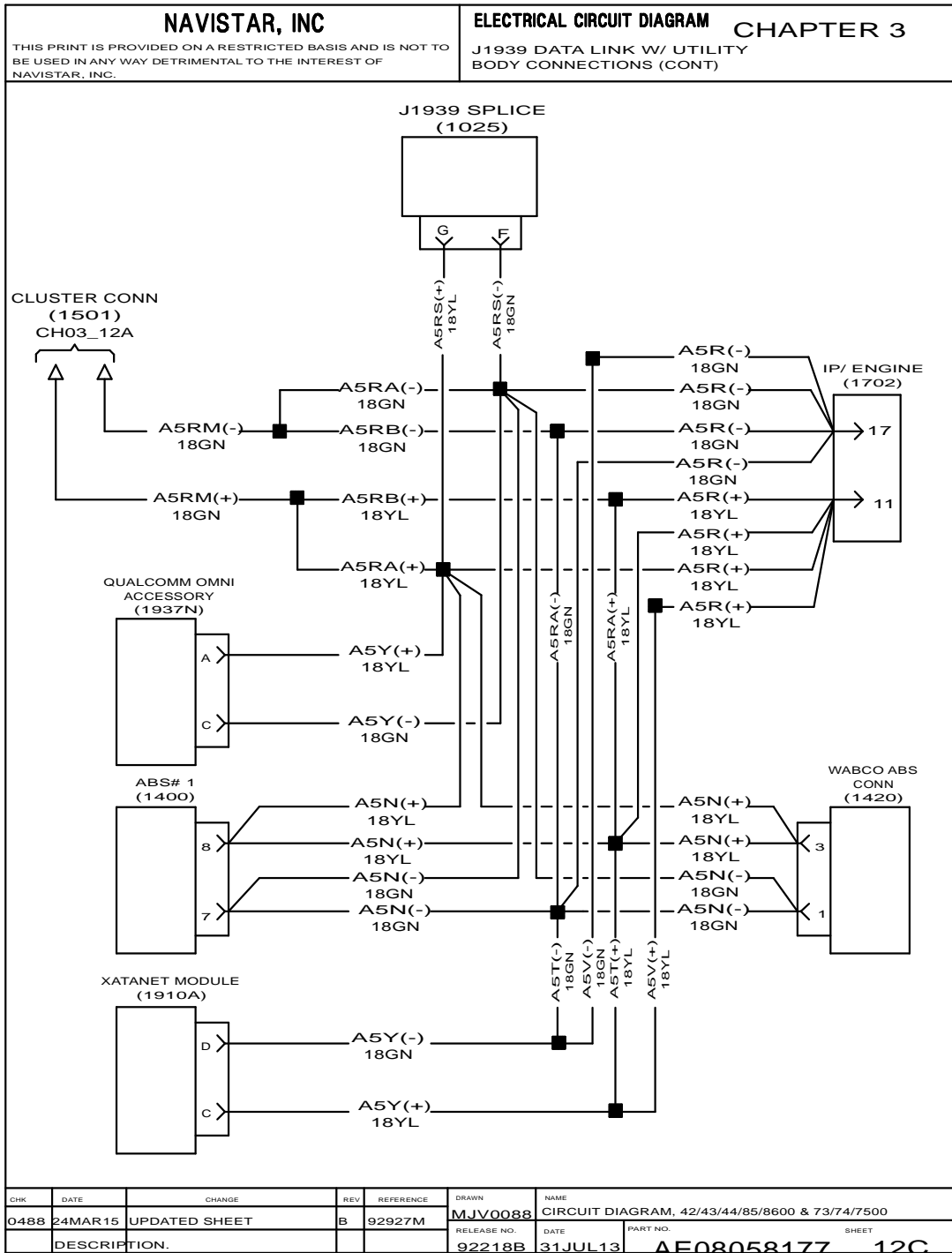


Figure 36 J1939 Data Link with Utility Body Connections

3.25. J1939 DATA LINK WITH OPTIONS, P. 12D

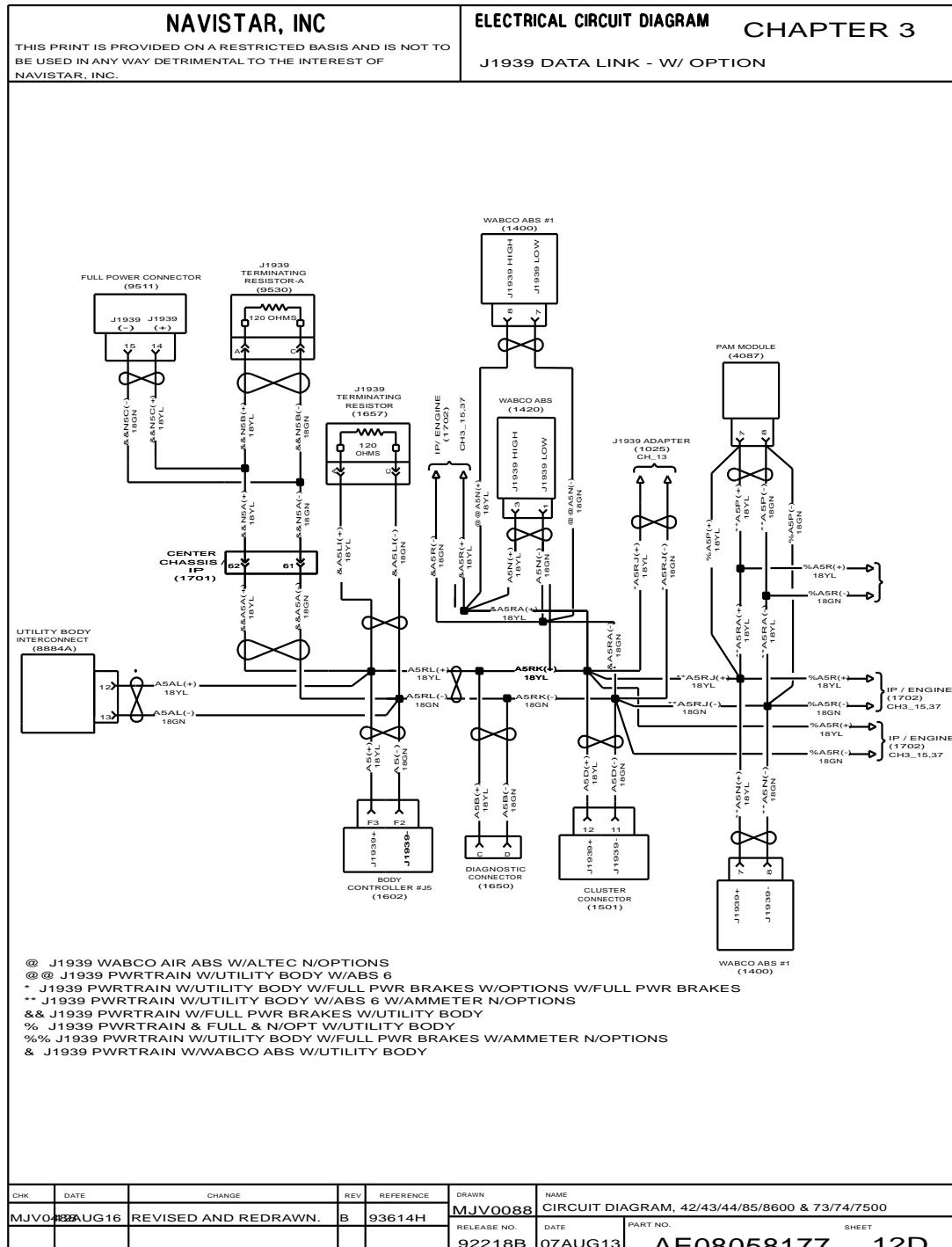


Figure 37 J1939 Data Link with Options

3.26. J1939 DATA LINK WITH OPTIONS (CONT.), P. 13

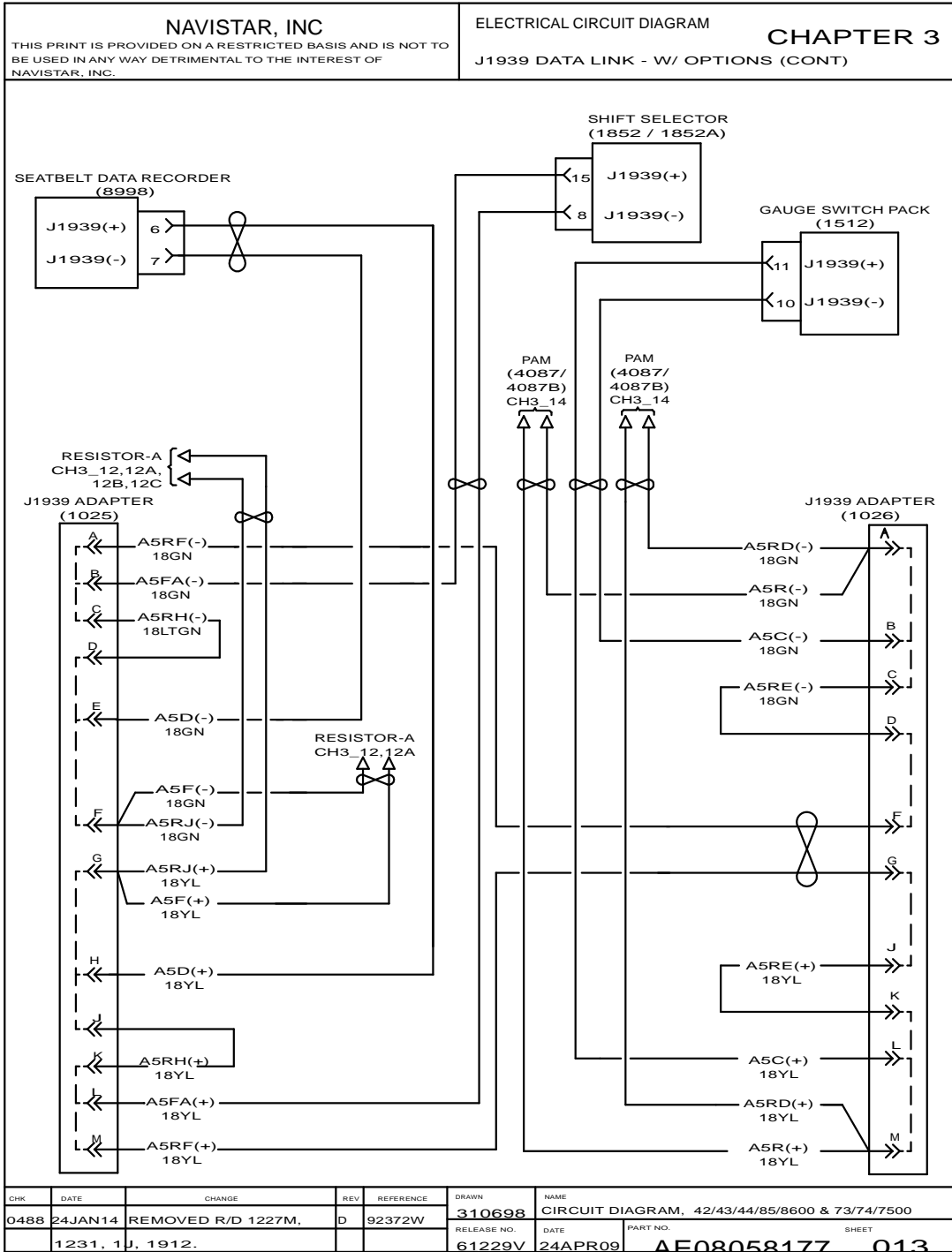


Figure 38 J1939 Data Link with Options (Cont.)

3.27. J1939 DATA LINK WITH OPTIONS (CONT.), P. 13A

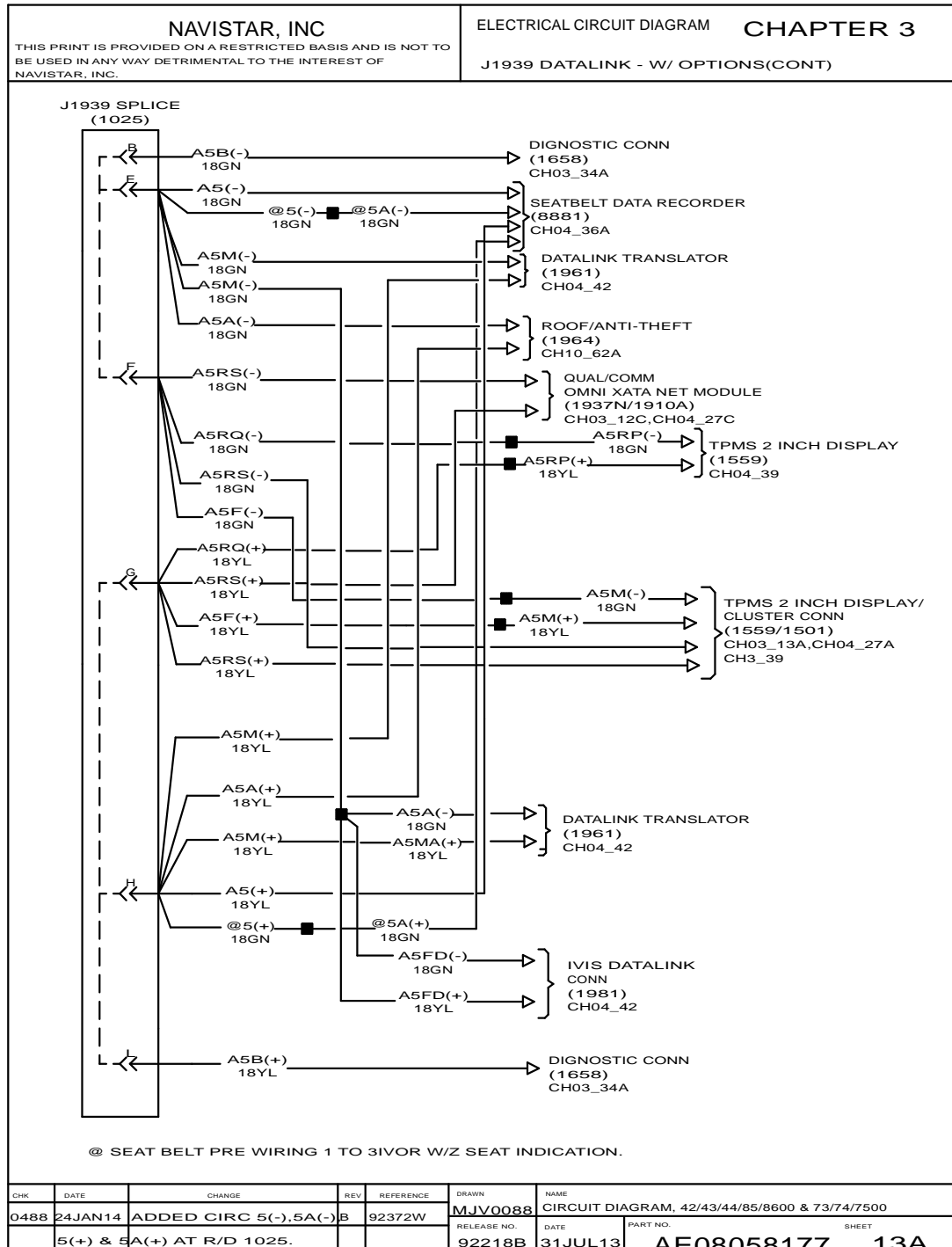


Figure 39 J1939 Data Link with Options (Cont.)

3.28. J1939 DATA LINK WITH OPTIONS (CONT.), P. 13B

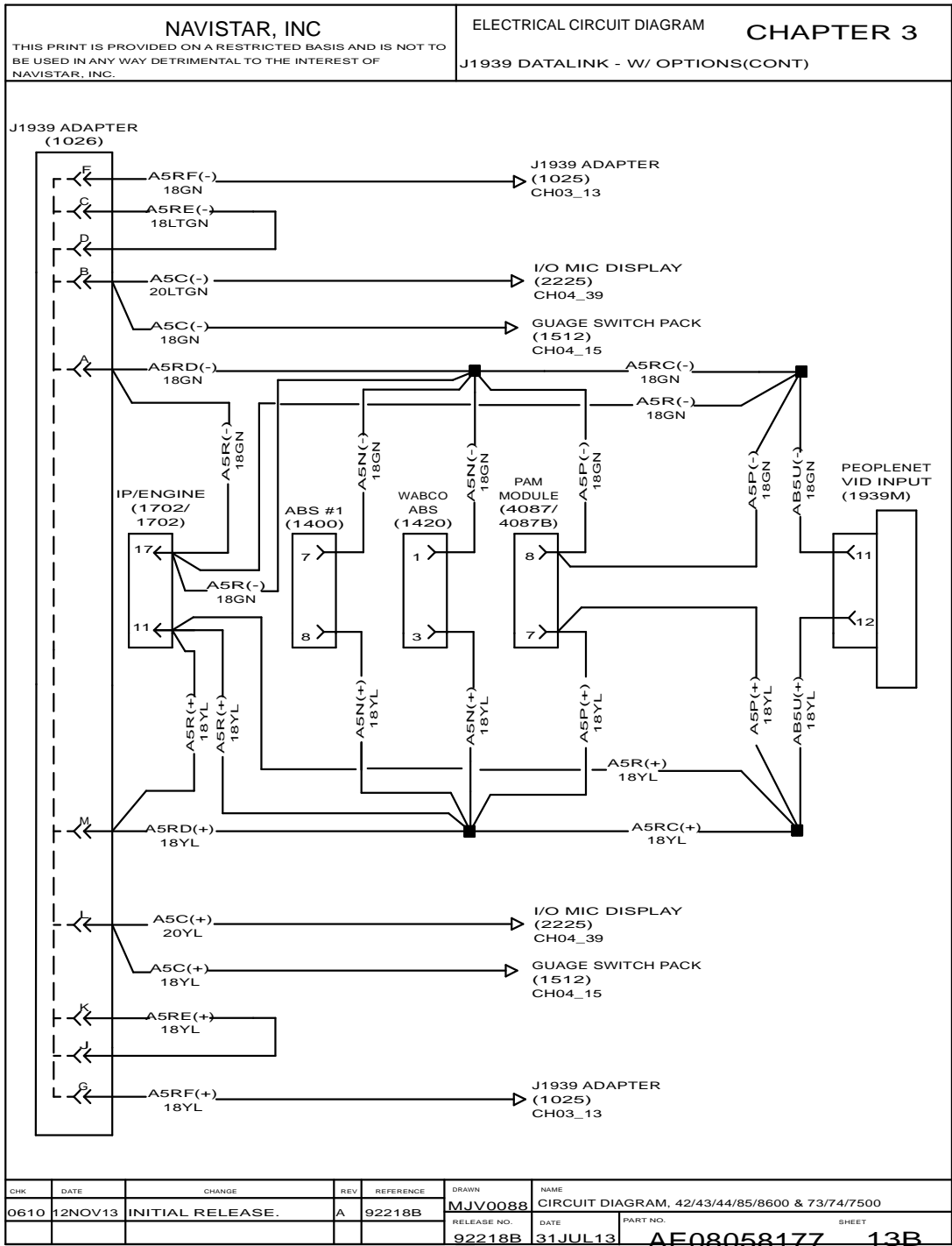


Figure 40 J1939 Data Link with Options (Cont.)

3.29. J1939 DATA LINK WITH OPTIONS (CONT.), P. 13C

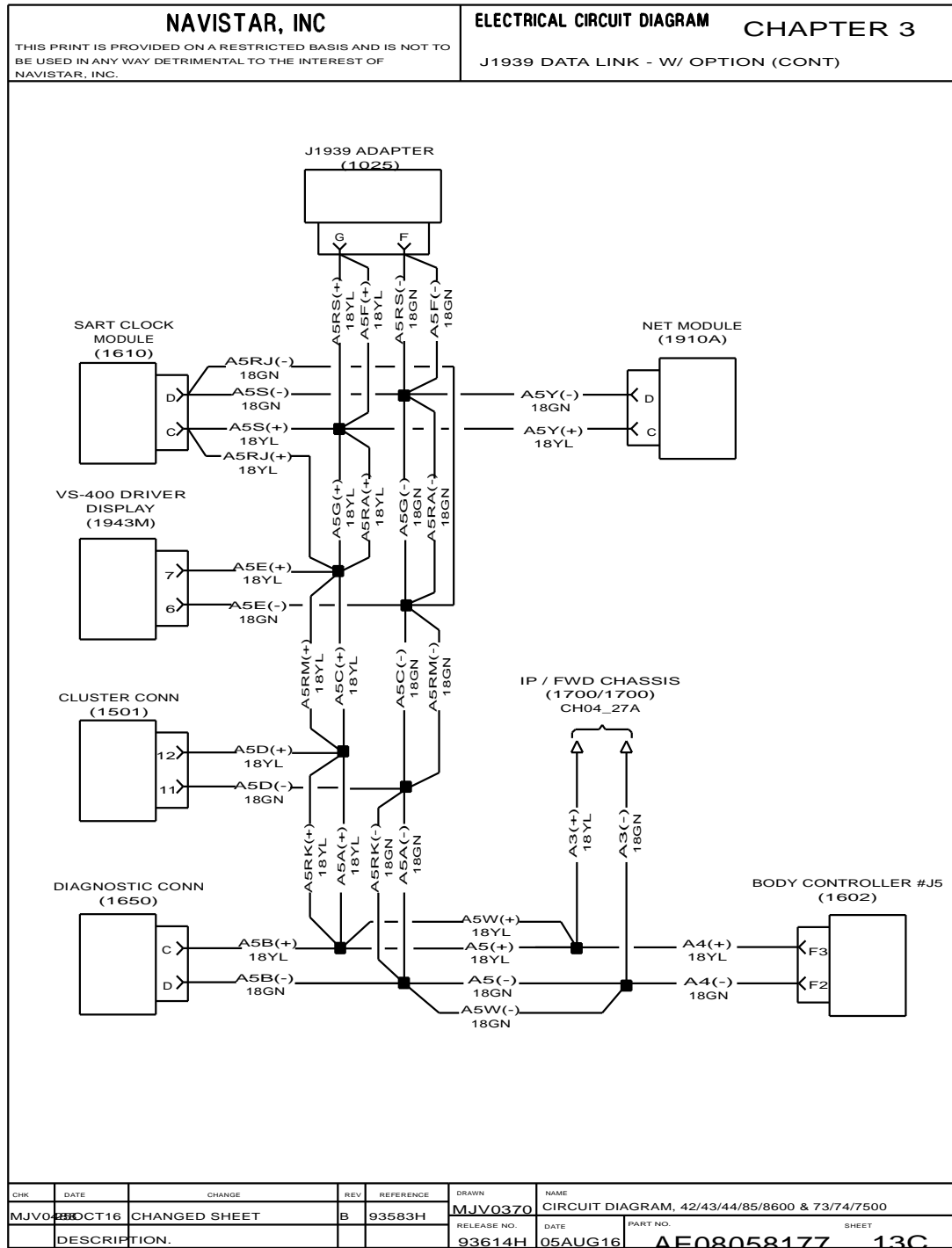


Figure 41 J1939 Data Link with Options (Cont.)

3.30. J1939 DATA LINK WITH OPTIONS (CONT.), P. 14

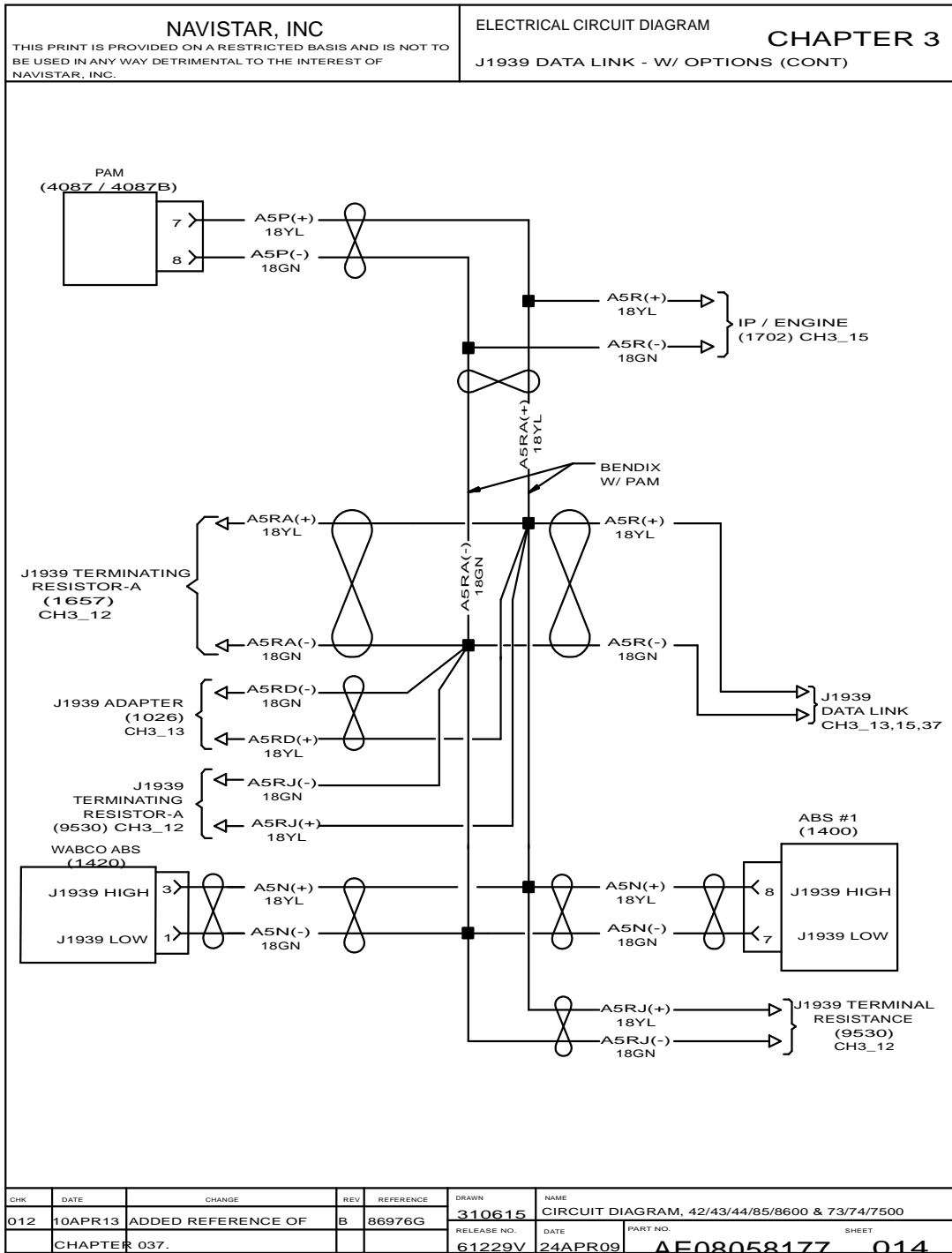


Figure 42 J1939 Data Link with Options (Cont.)

3.31. J1939 DATA LINK – I6 ENGINE, P. 15

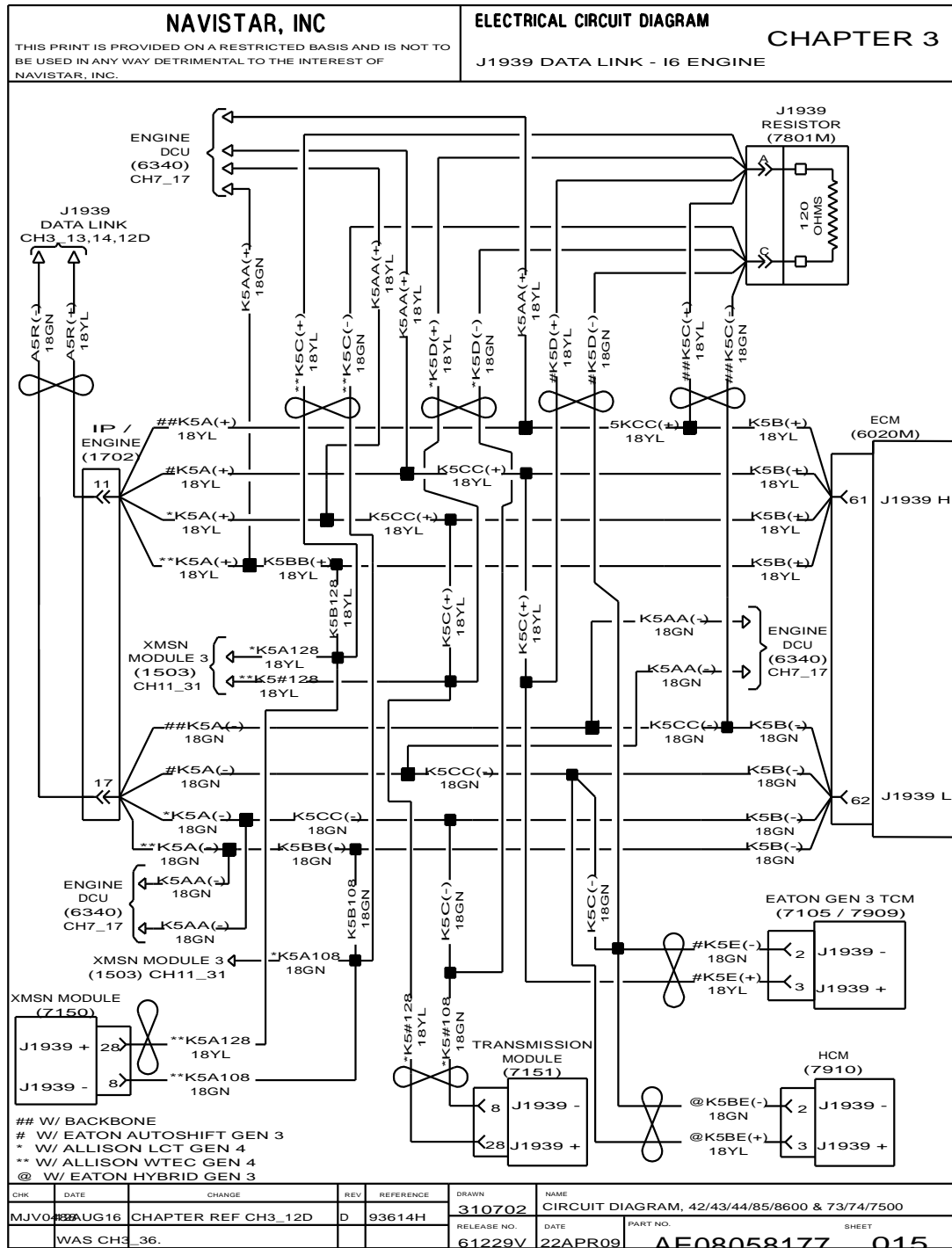


Figure 43 J1939 Data Link – I6 Engine

3.32. J1939 DATA LINK – IBB ENGINE, P. 16

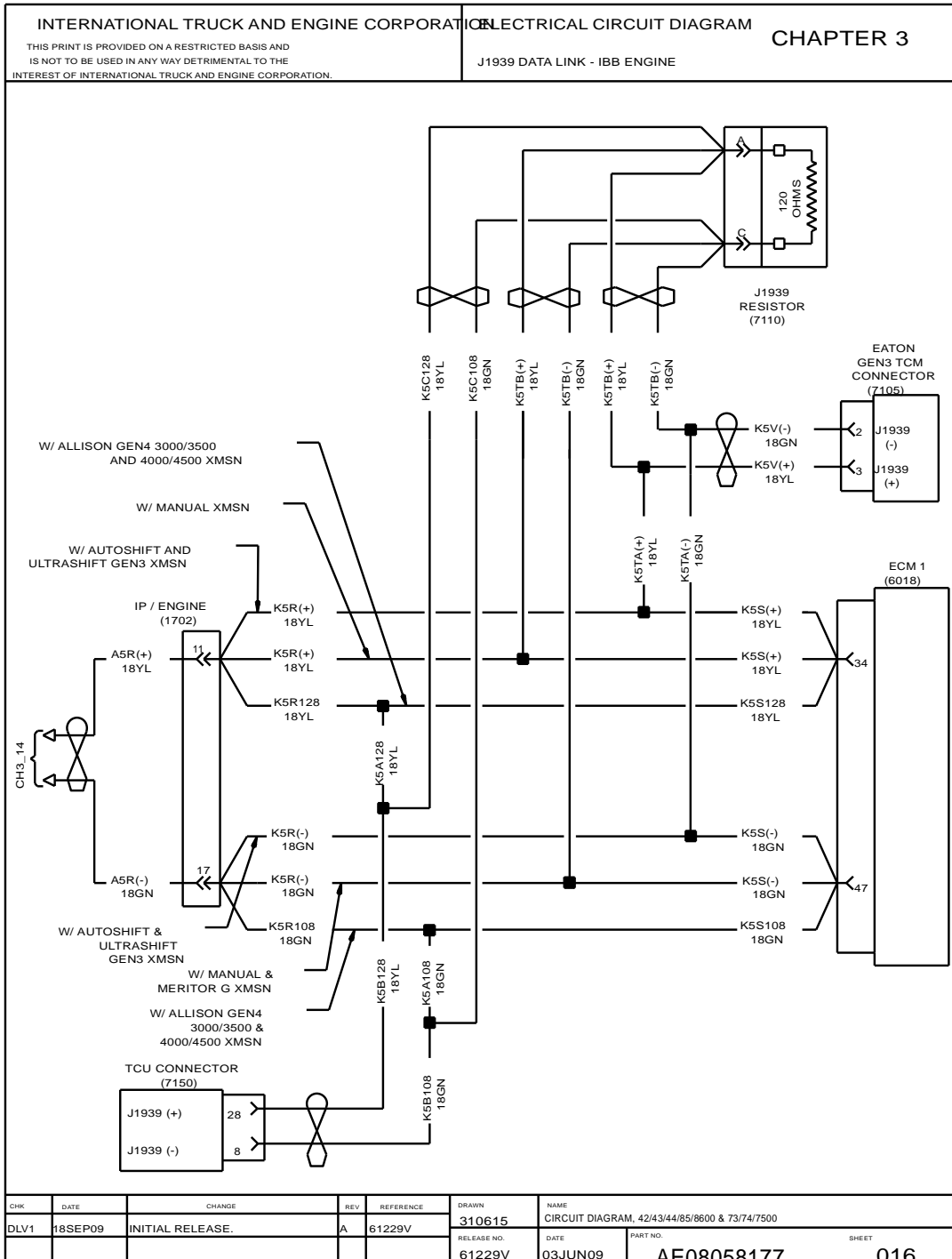


Figure 44 J1939 Data Link – IBB Engine

3.33. J1939 DATA LINK – IBB ENGINE (CONT.), P. 16A

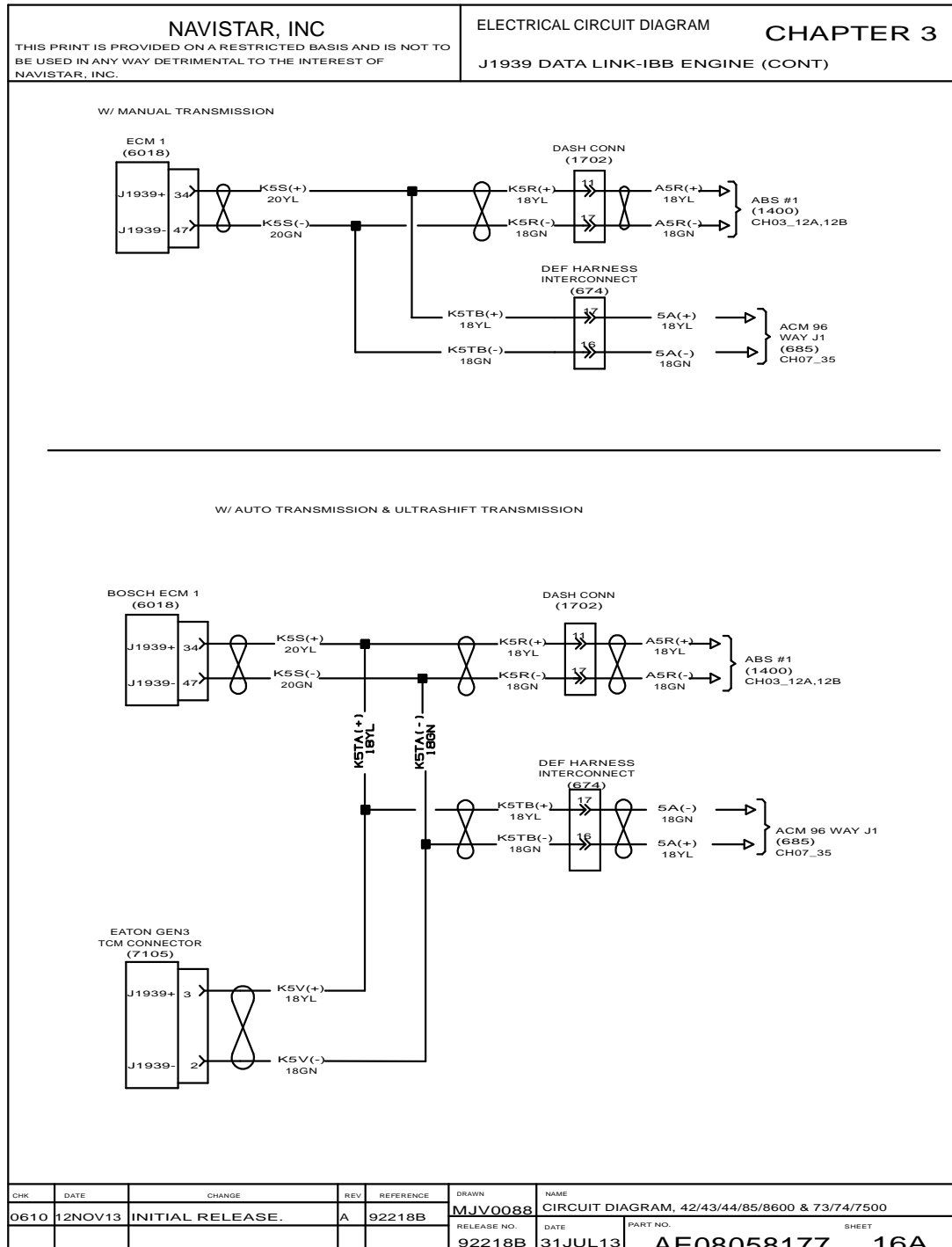


Figure 45 J1939 Data Link – IBB Engine (Cont.)

3.34. GROUND – IP, P. 17

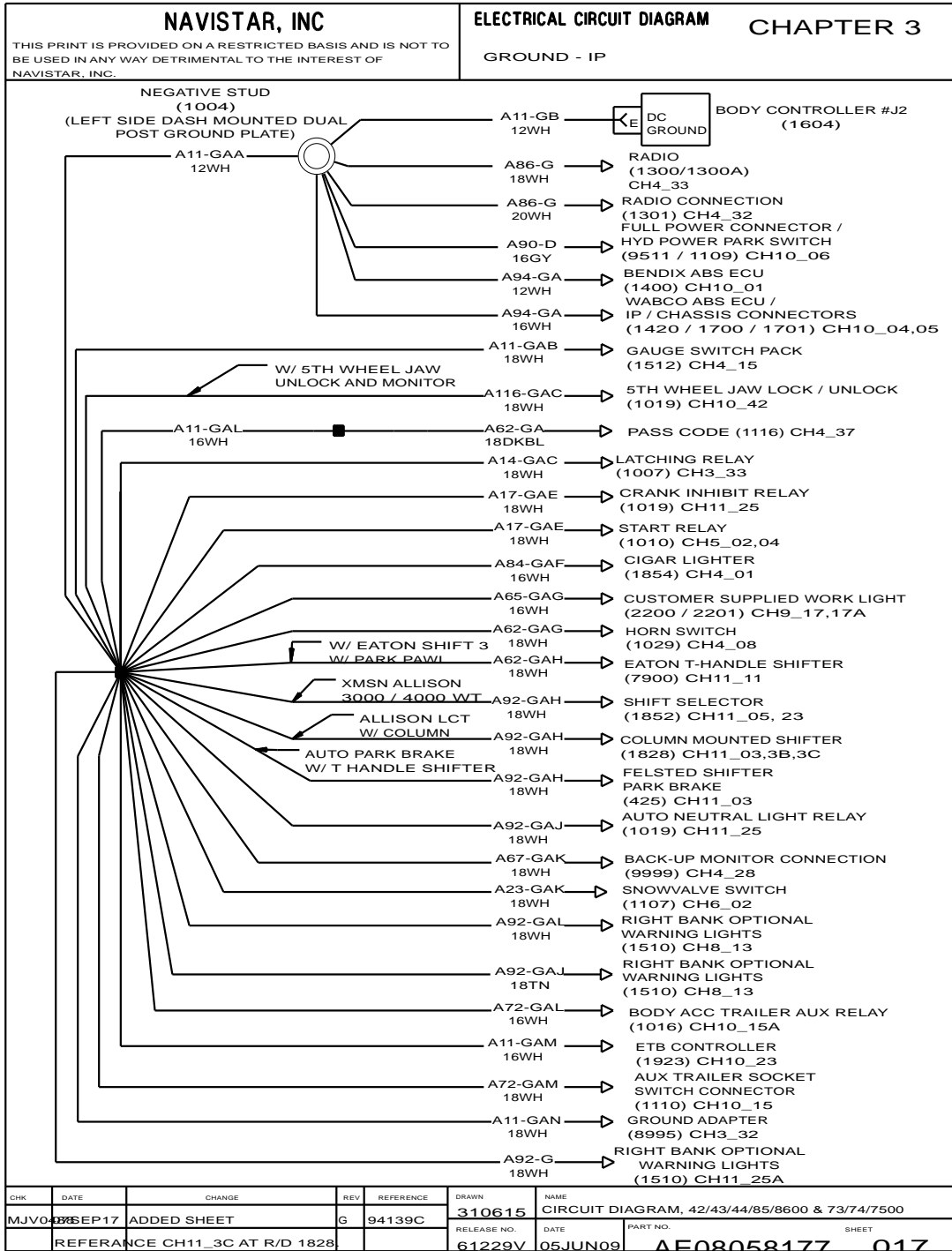


Figure 46 Ground – IP

3.35. GROUND – IP (CONT.), P. 18

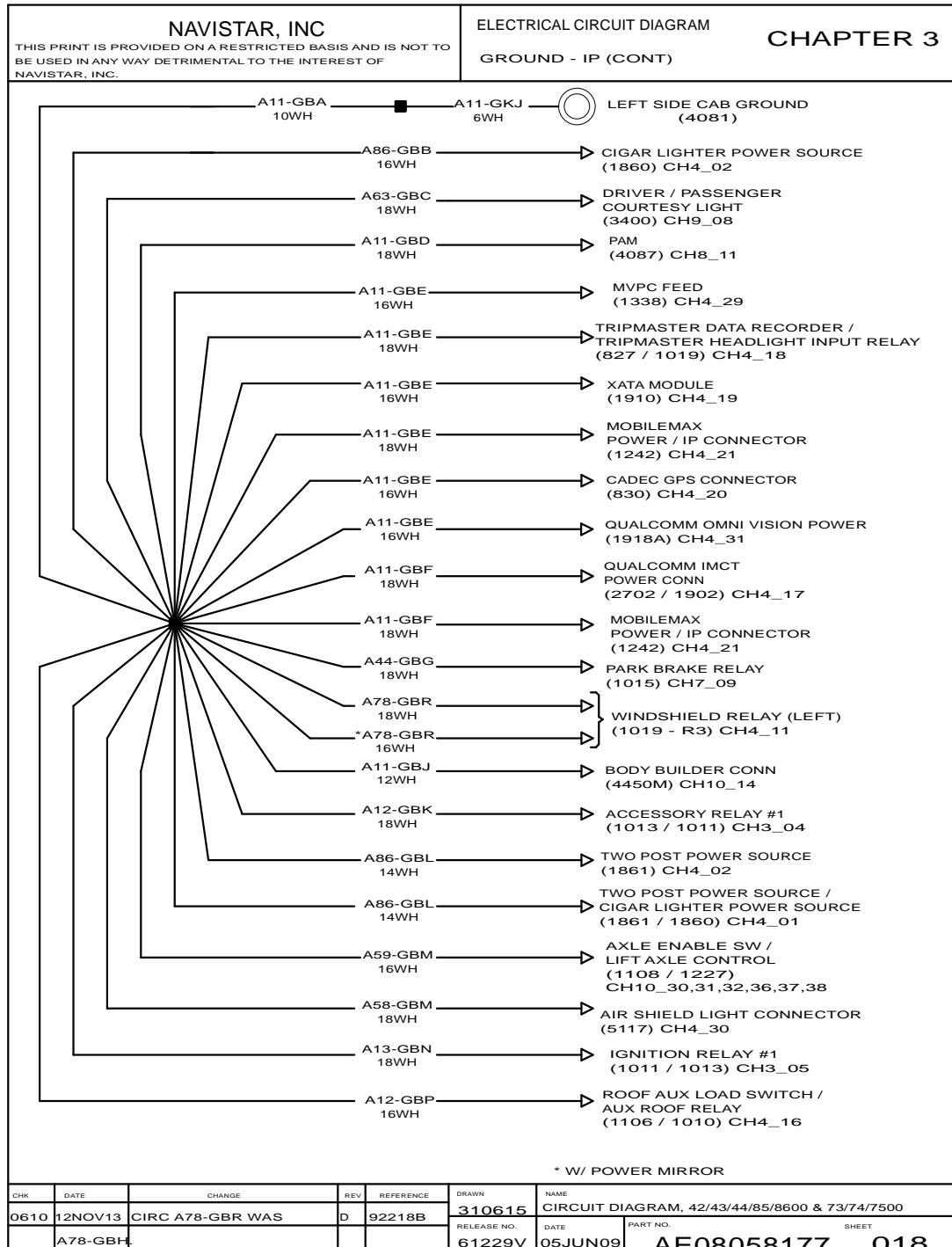


Figure 47 Ground – IP (Cont.)

3.36. GROUND – IP (CONT.), P. 19

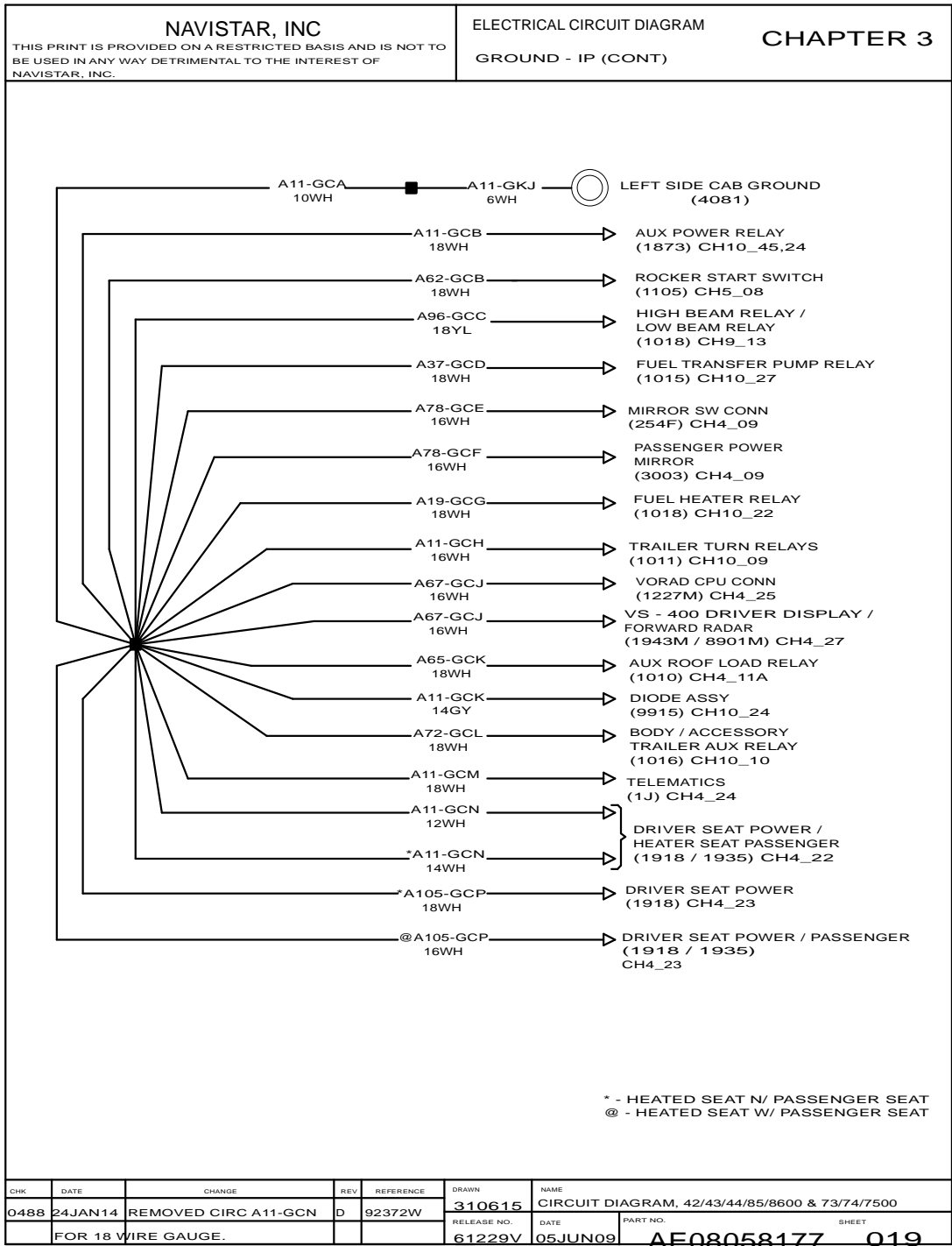


Figure 48 Ground – IP (Cont.)

3.37. GROUND – IP (CONT.), P. 20

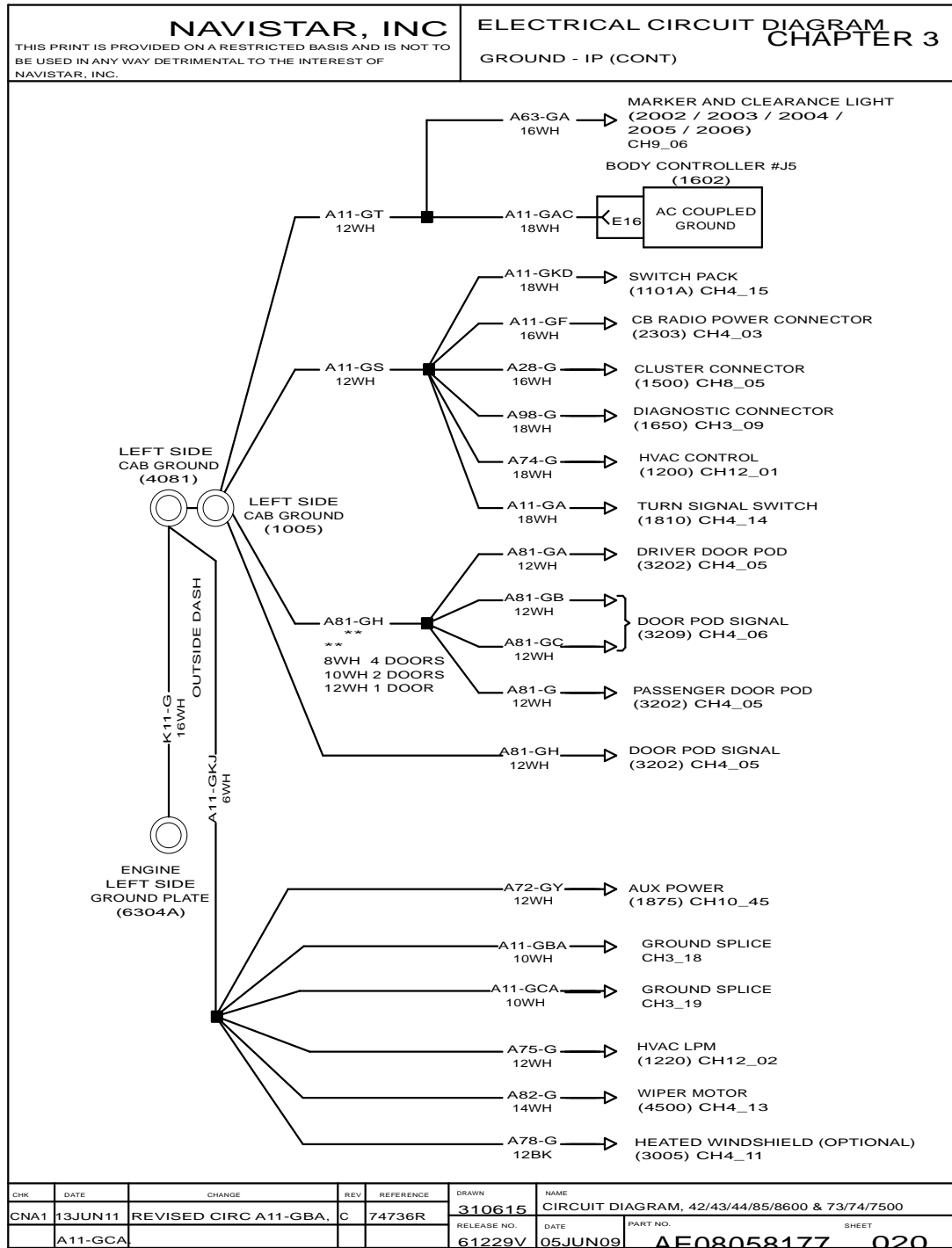


Figure 49 Ground – IP (Cont.)

3.38. GROUND – CHASSIS, P. 21

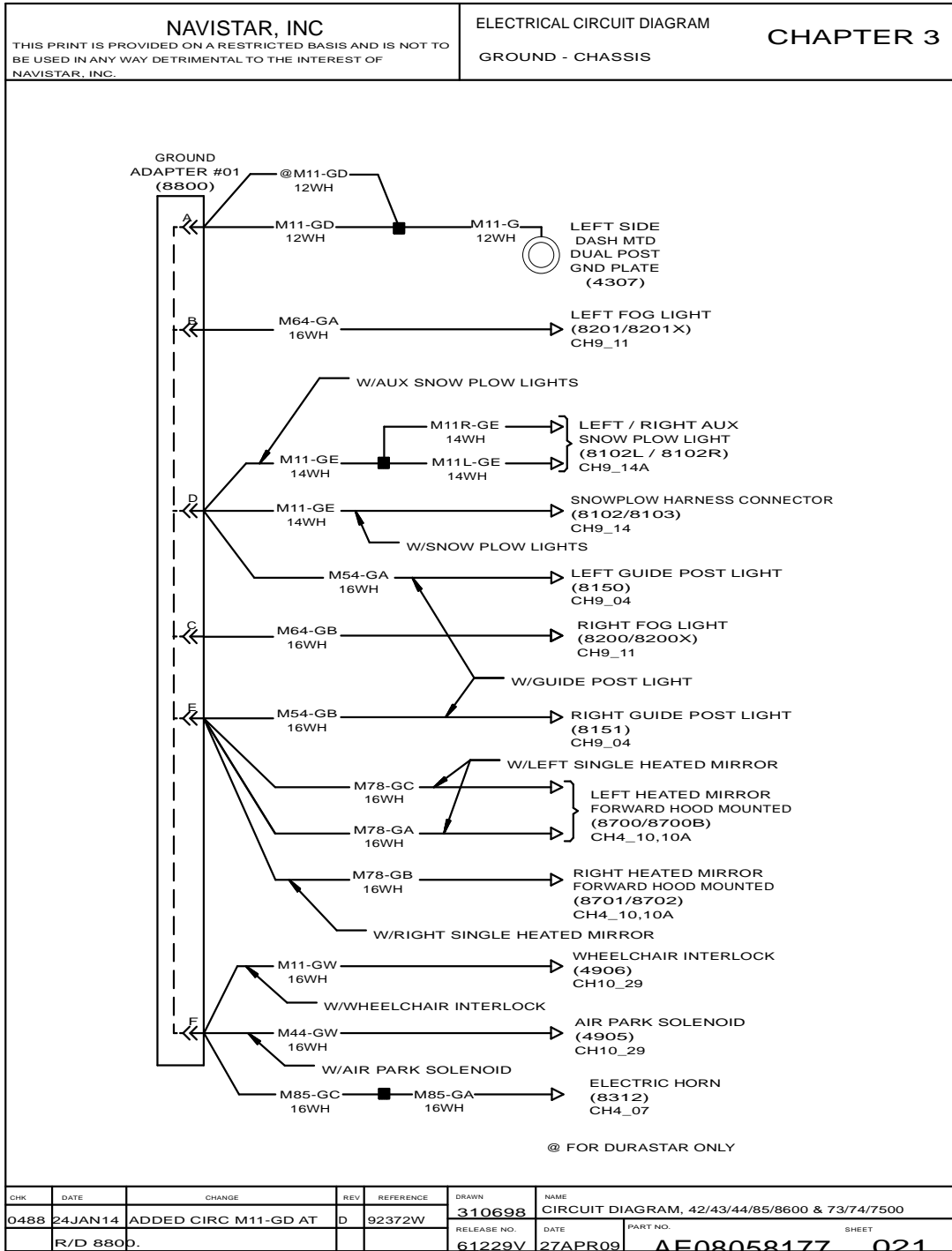


Figure 50 Ground – Chassis

3.39. GROUND – CHASSIS (CONT.), P. 22

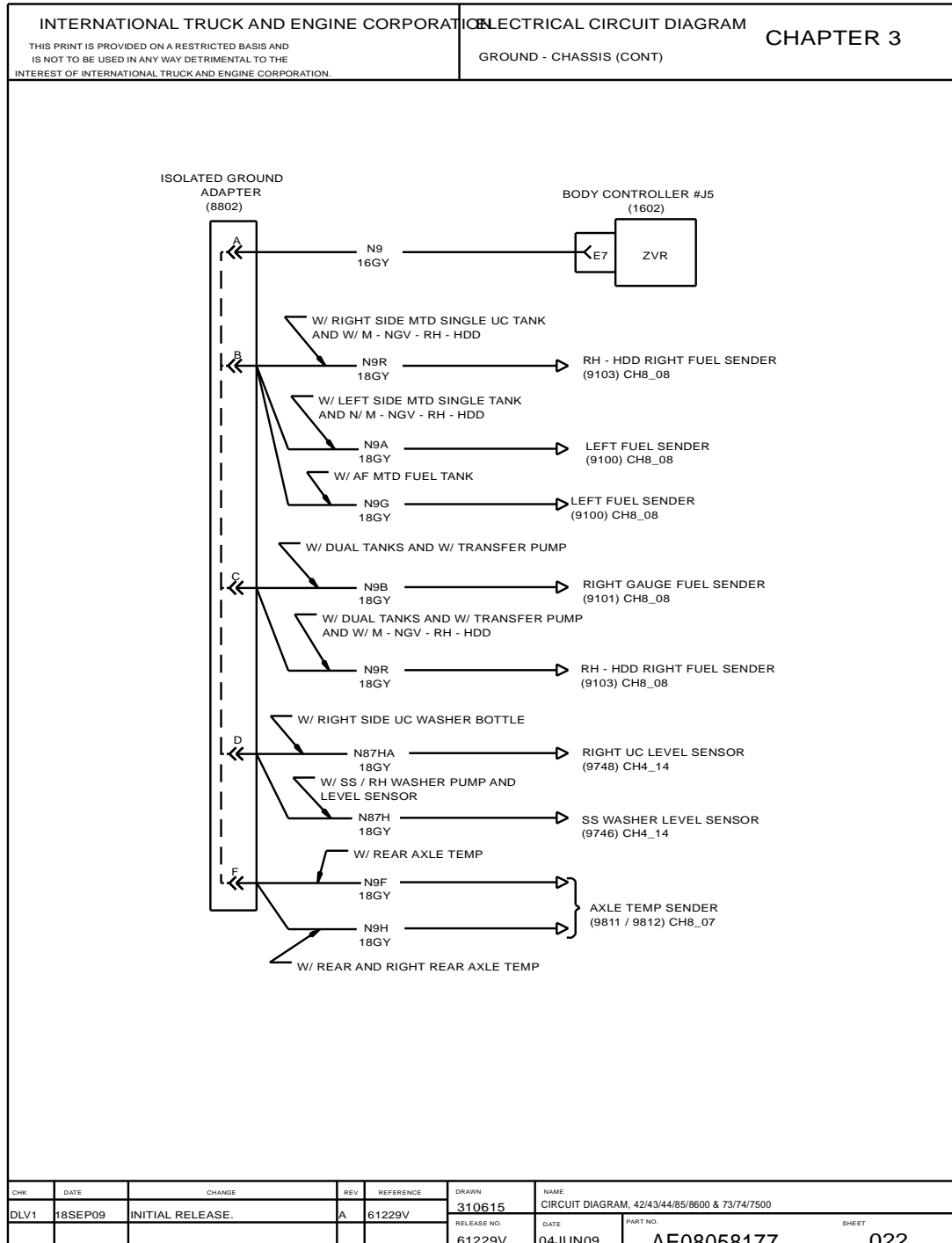


Figure 51 Ground – Chassis (Cont.)

3.40. GROUND – CHASSIS (CONT.), P. 23

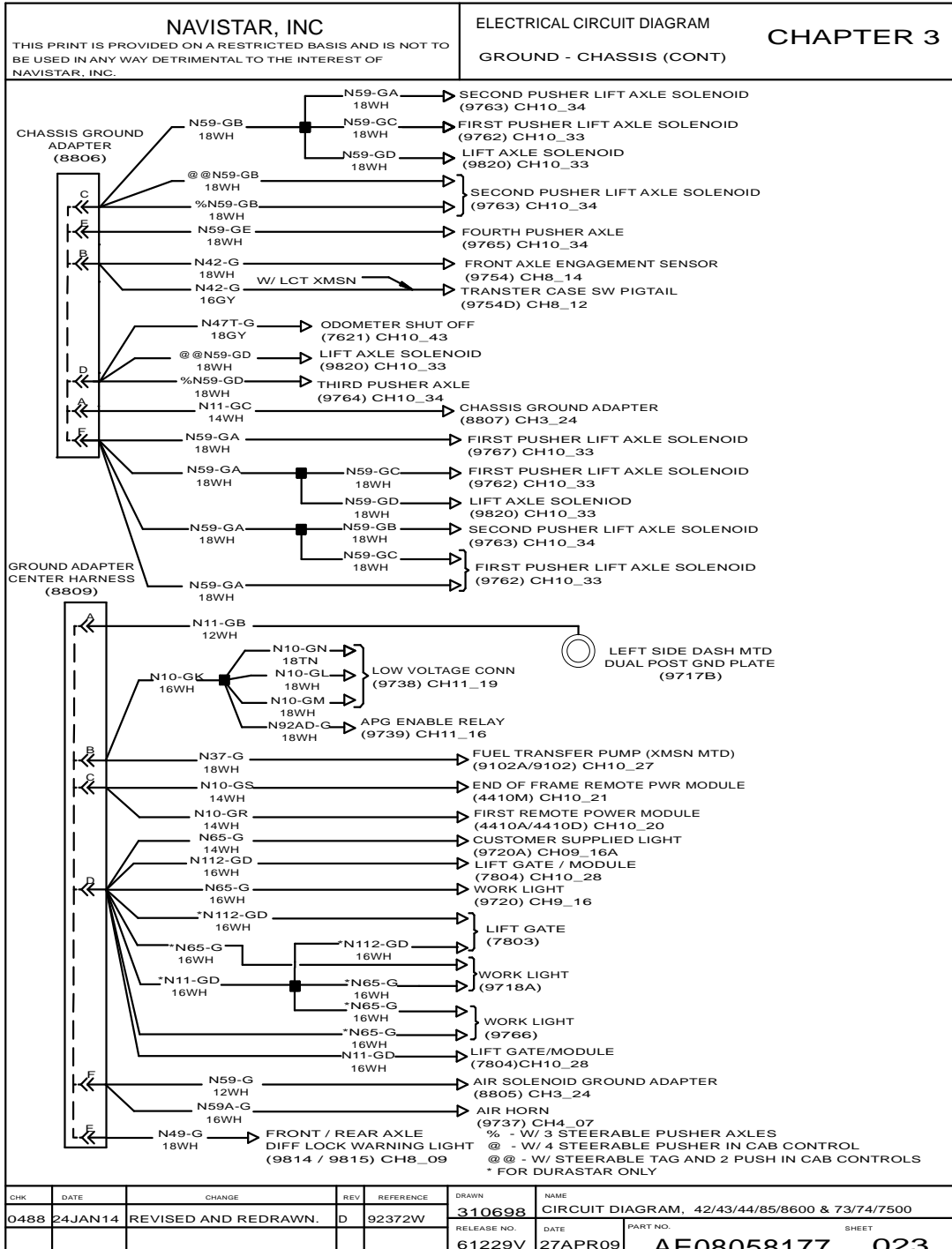


Figure 52 Ground – Chassis (Cont.)

3.41. GROUND – CHASSIS (CONT.), P. 24

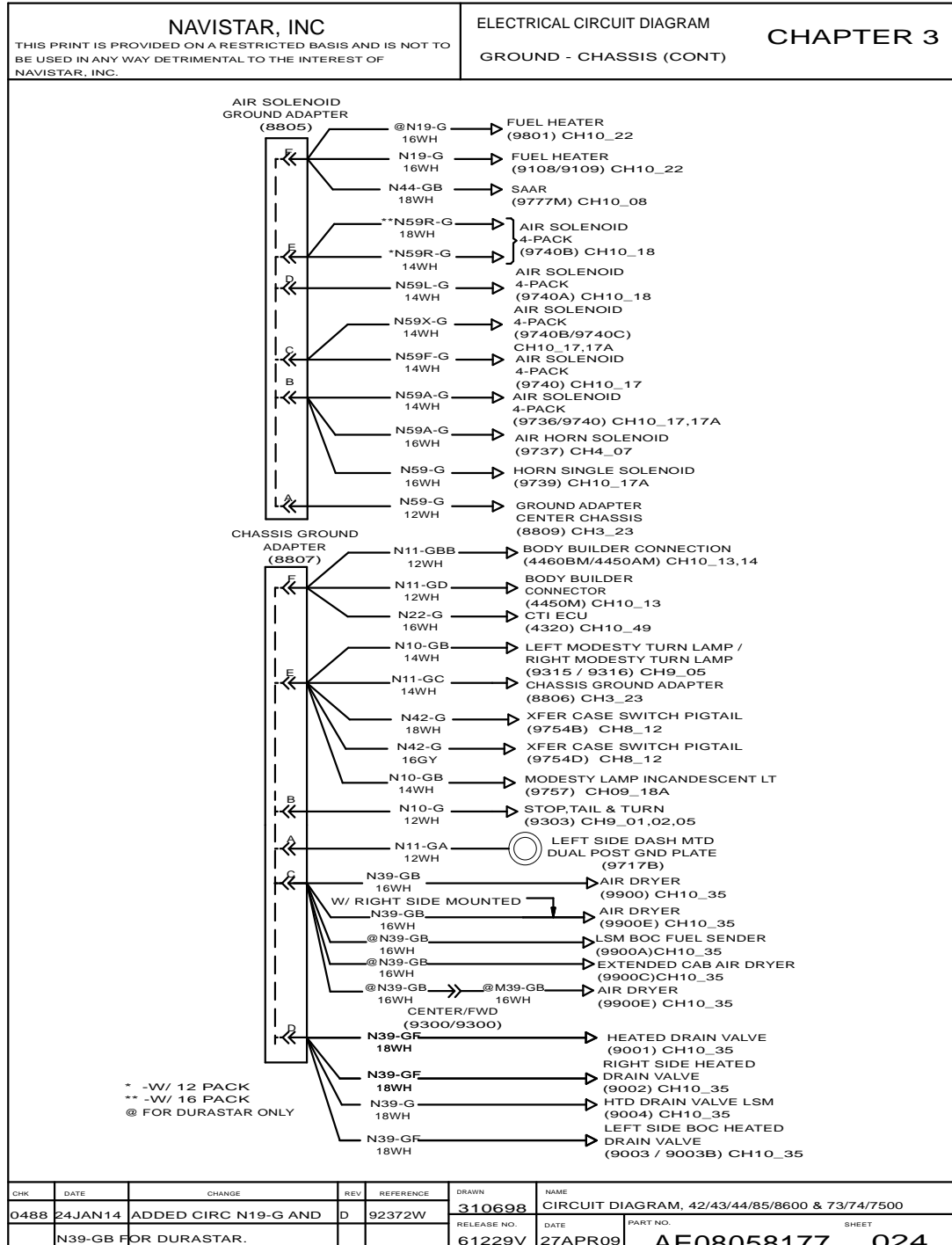


Figure 53 Ground – Chassis (Cont.)

3.42. GROUND – CHASSIS WITH HEAVY DUTY DIESEL, P. 25

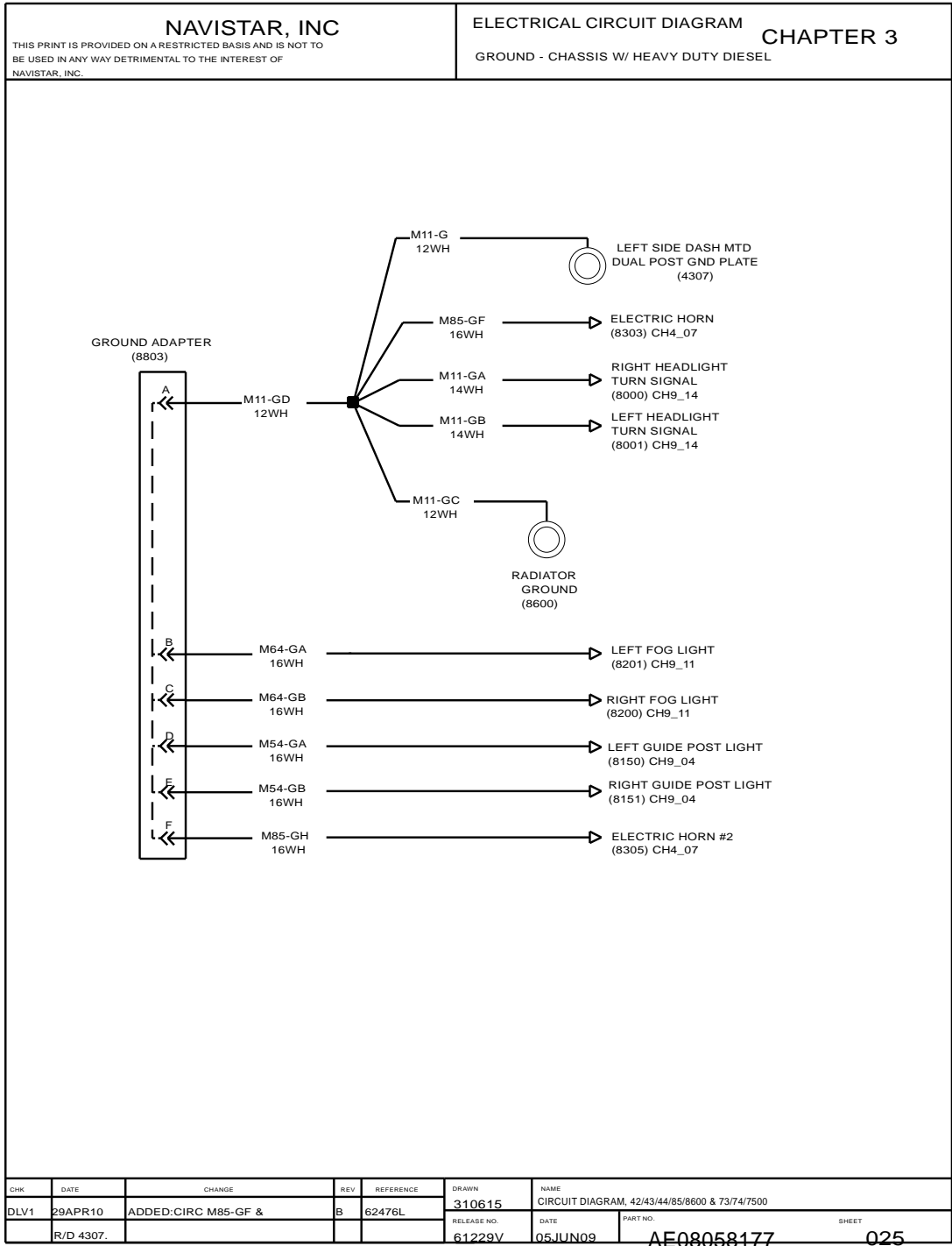


Figure 54 Ground – Chassis with Heavy Duty Diesel

3.43. ENGINE GROUND – V8 ENGINE, P. 26

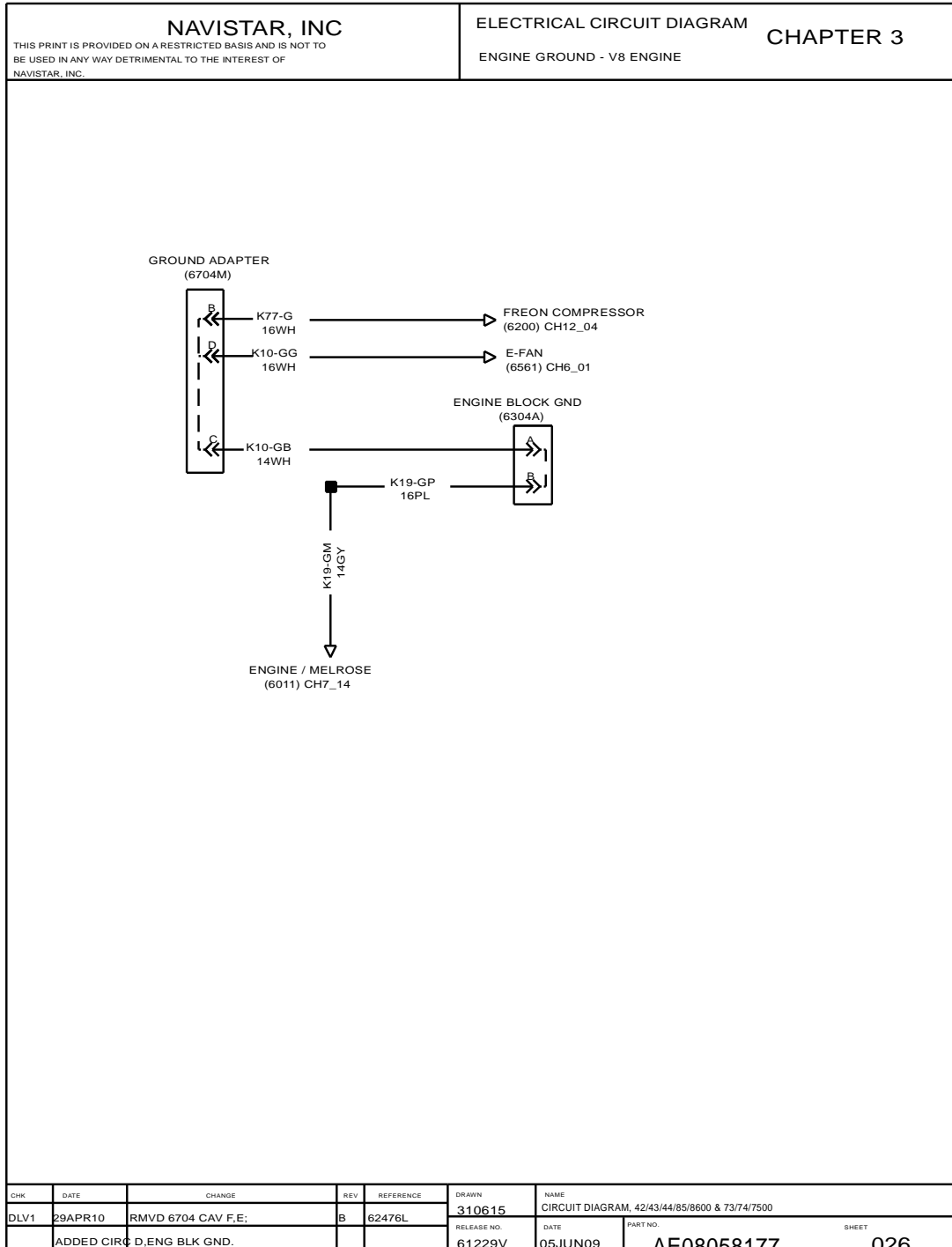


Figure 55 Engine Ground – V8 Engine

3.44. ENGINE GROUND – IBB ENGINE, P. 27

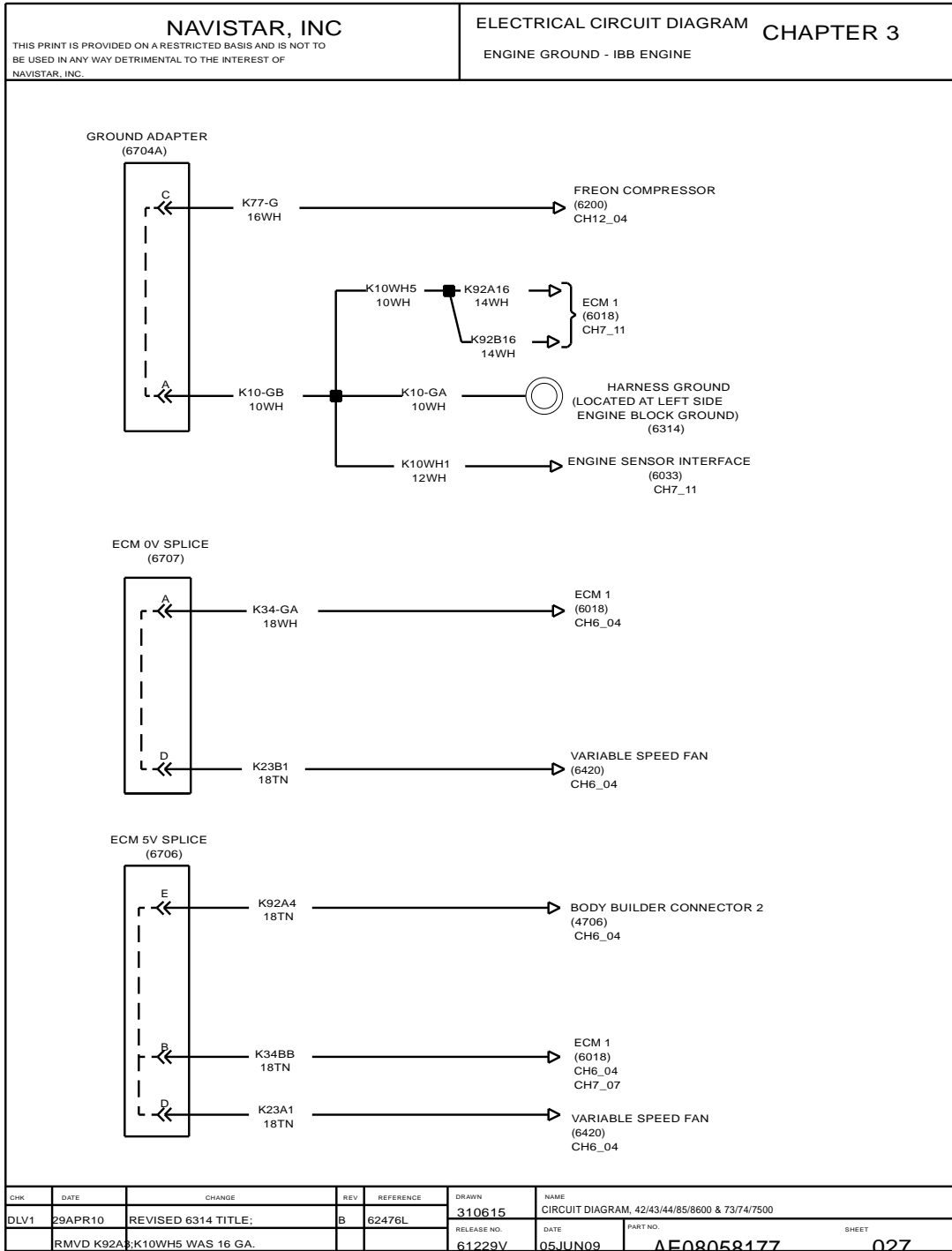


Figure 56 Engine Ground – IBB Engine

3.45. ENGINE GROUND – IBB ENGINE (CONT.), P. 27A

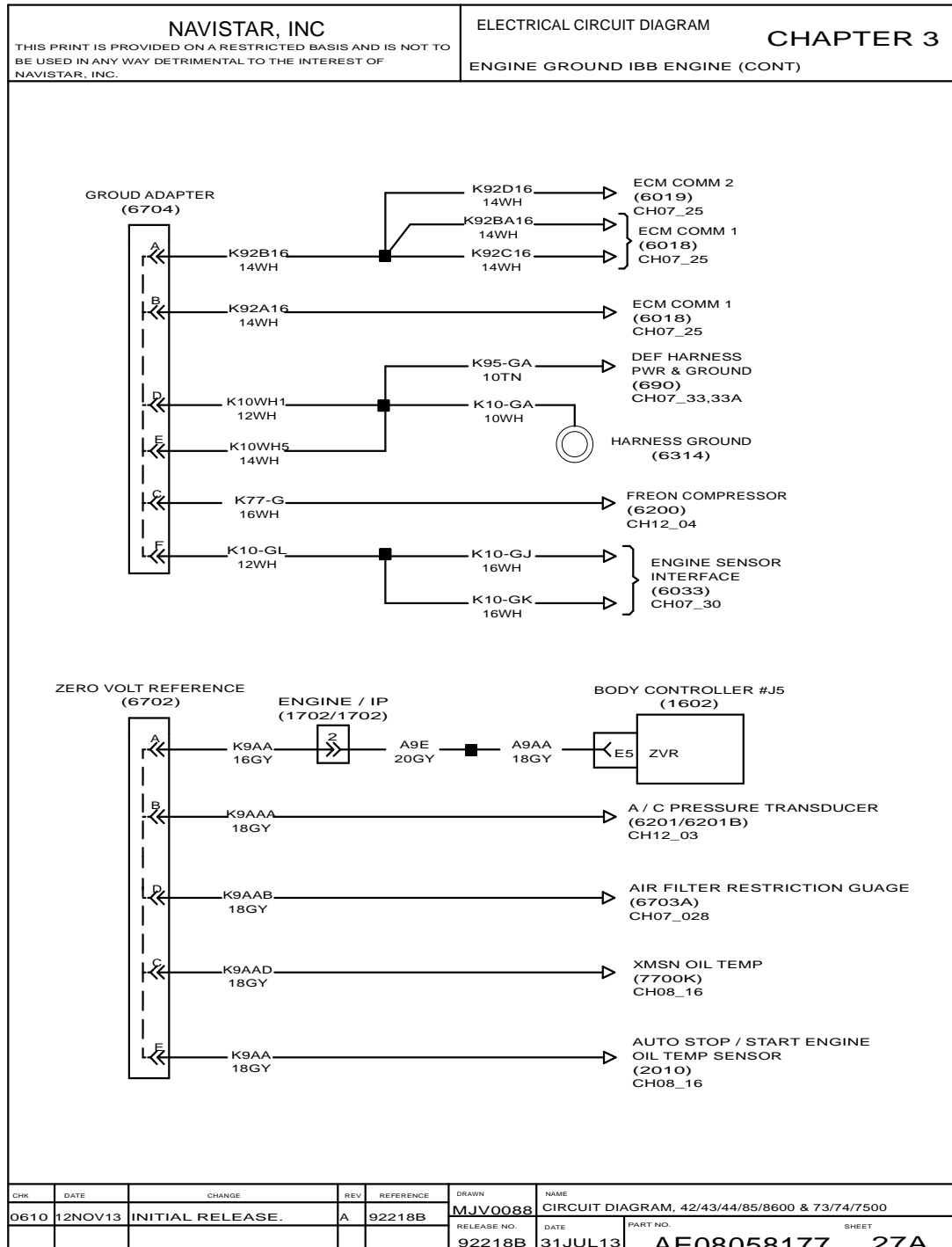


Figure 57 Engine Ground – IBB Engine (Cont.)

3.46. ALTERNATOR POWER AND GROUND (IBB ENGINE), P. 27B

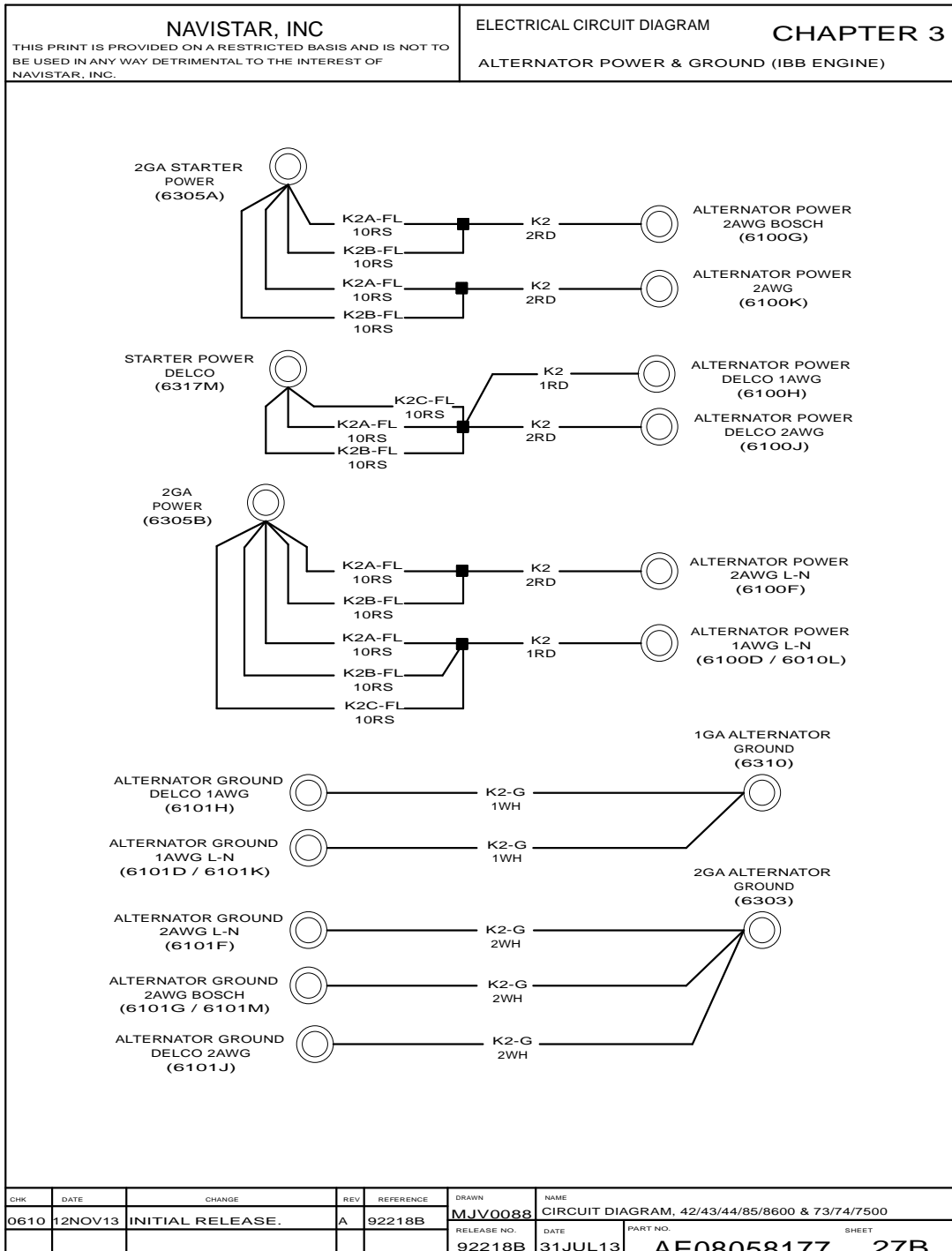


Figure 58 Alternator Power and Ground (IBB Engine)

3.47. ALTERNATOR POWER AND GROUND (IBB ENGINE), P. 27C

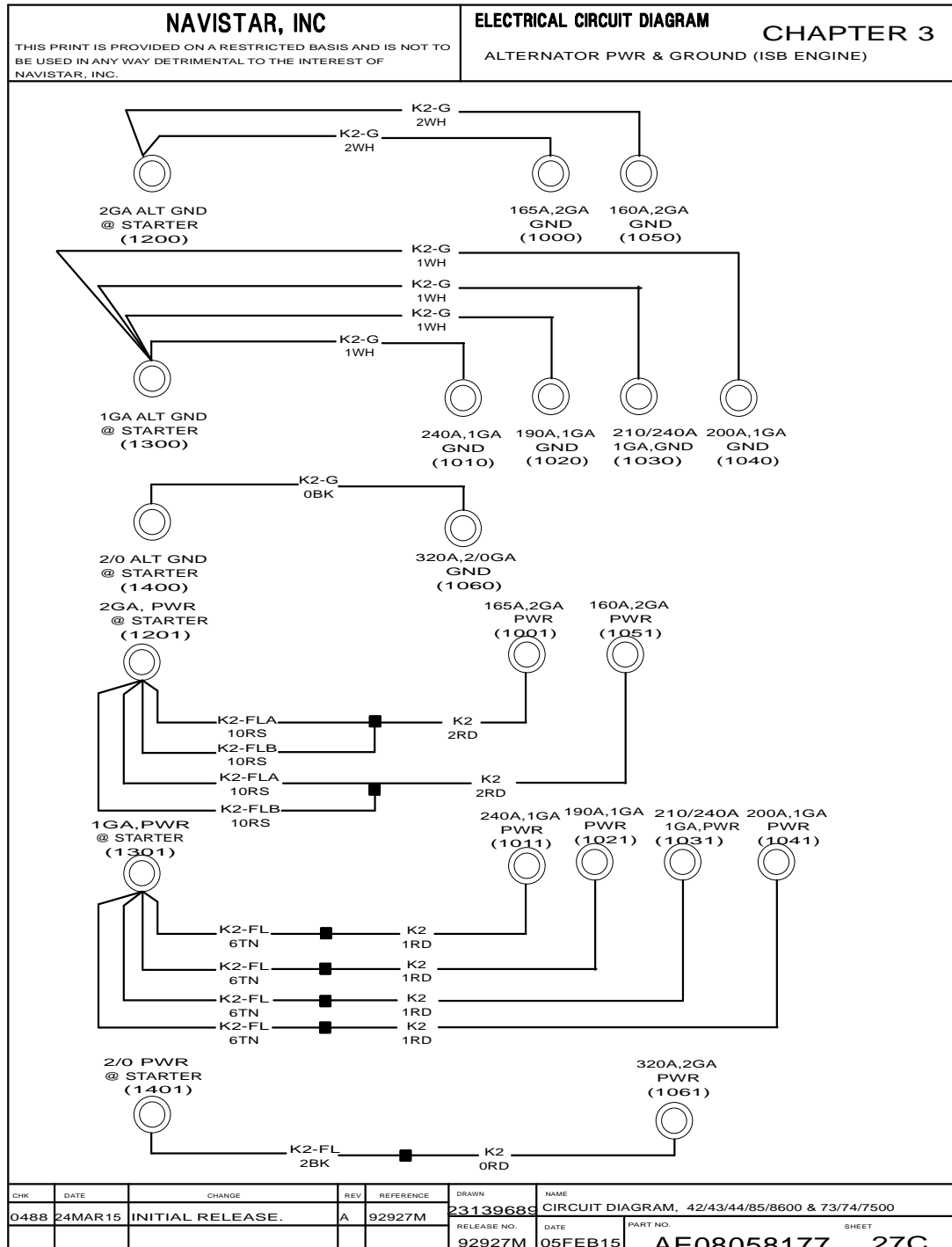


Figure 59 Alternator Power and Ground (IBB Engine)

3.48. ZERO VOLT REFERENCE, P. 28

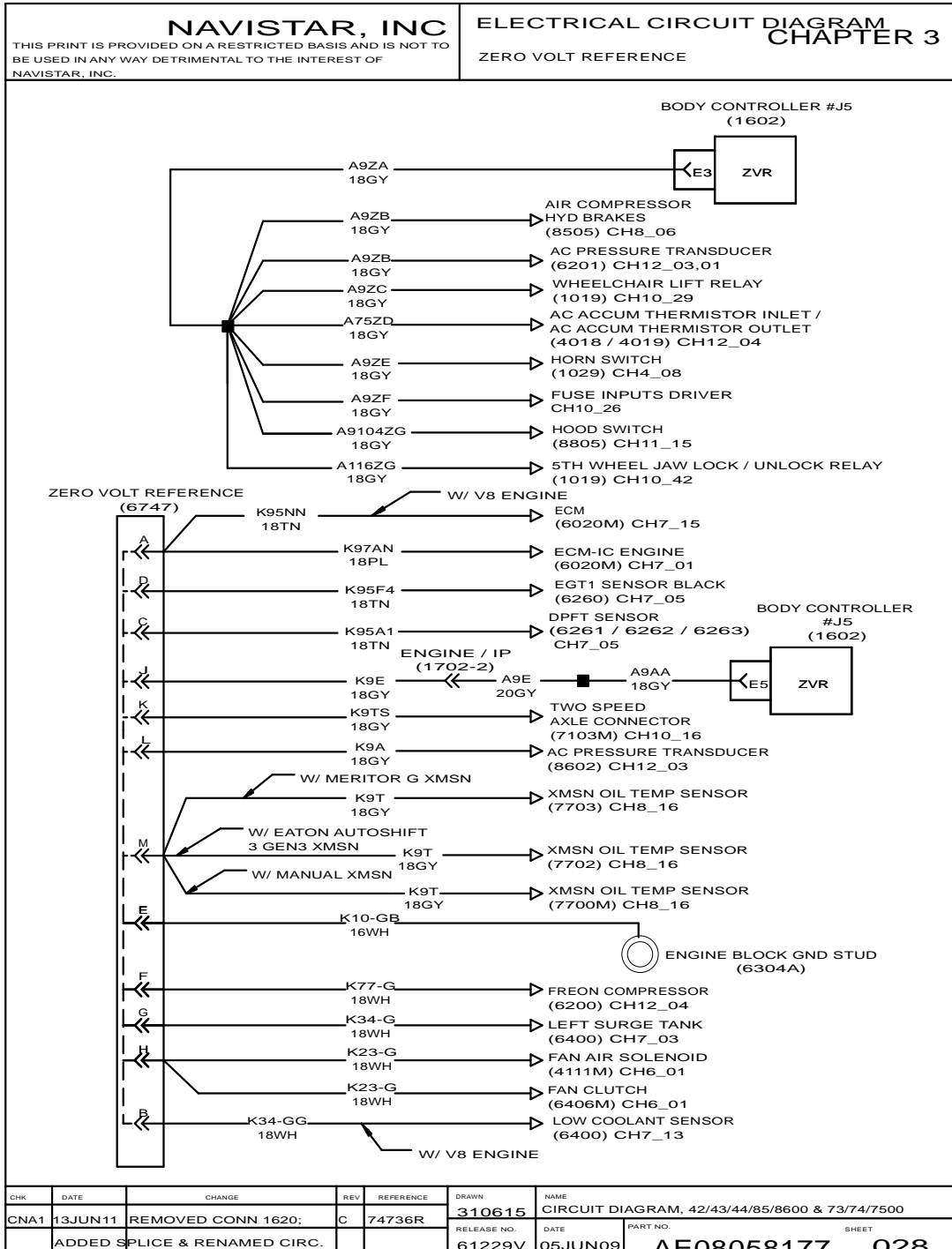


Figure 60 Zero Volt Reference

3.49. ZERO VOLT REFERENCE (CONT.), P. 28A

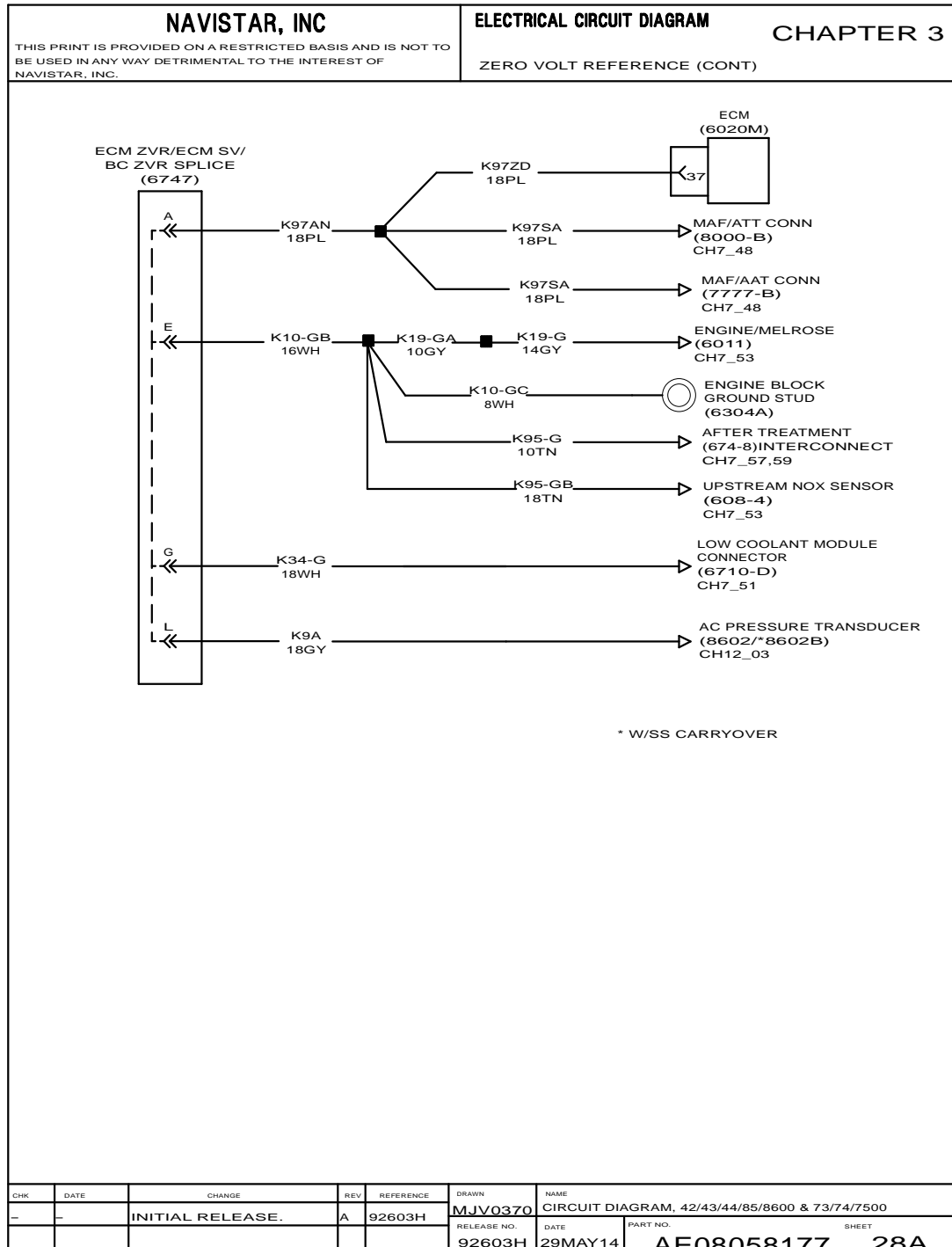


Figure 61 Zero Volt Reference (Cont.)

3.50. ZERO VOLT REFERENCE (CONT.), P. 28B

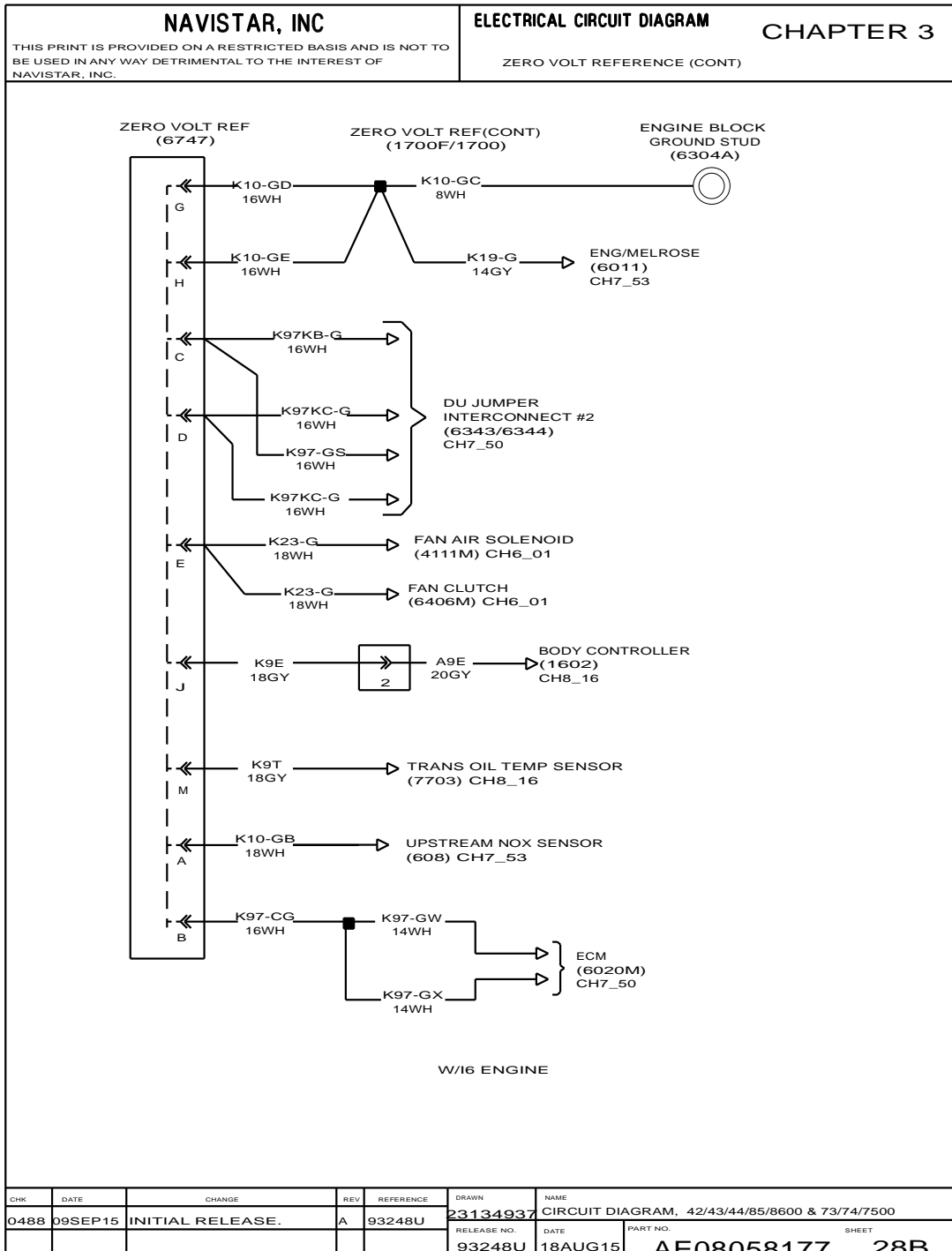


Figure 62 Zero Volt Reference (Cont.)

3.51. BATTERY FEED, SINGLE, P. 29

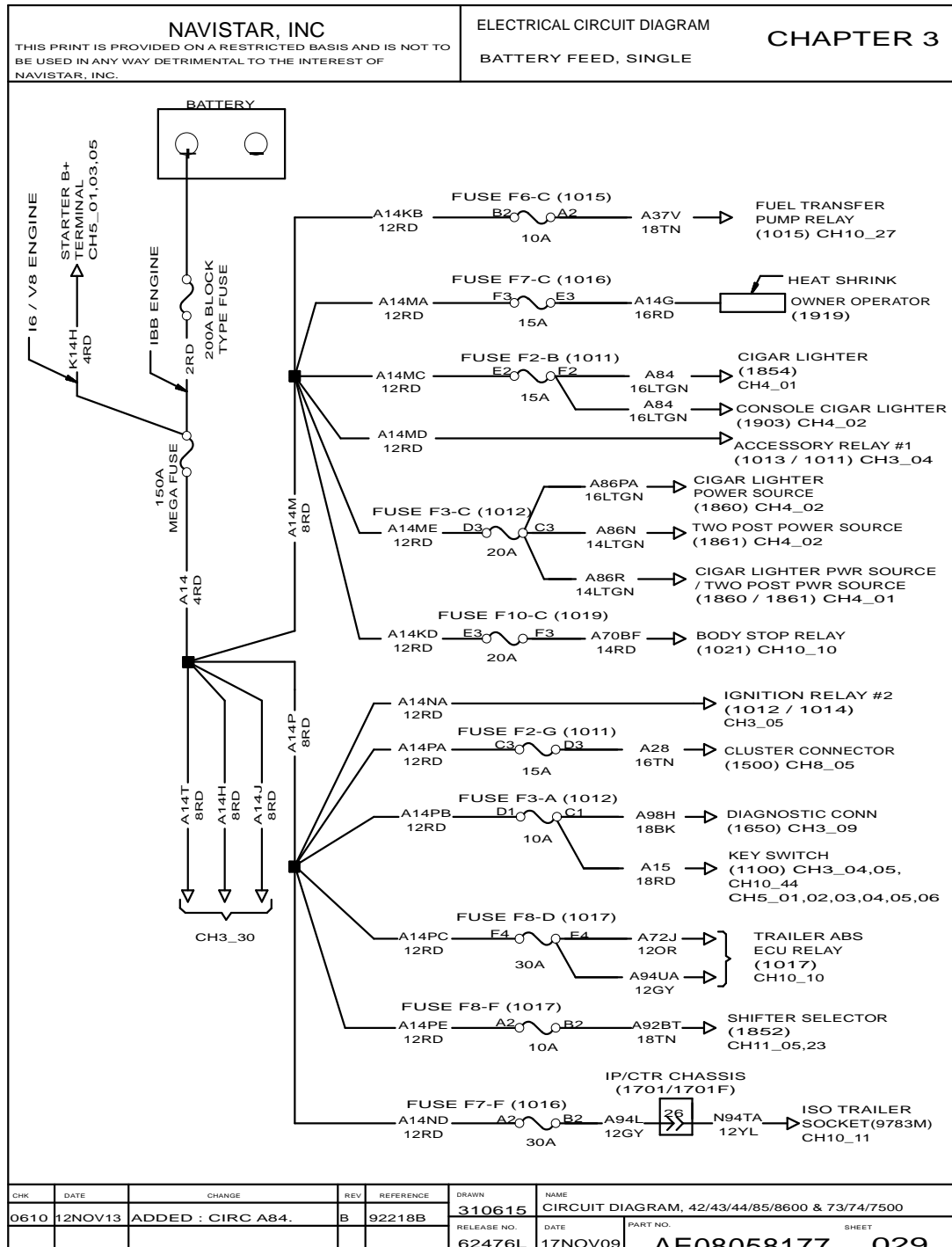


Figure 63 Battery Feed, Single

3.52. BATTERY FEED, SINGLE WITH 500K BAUD RATE, P. 29A

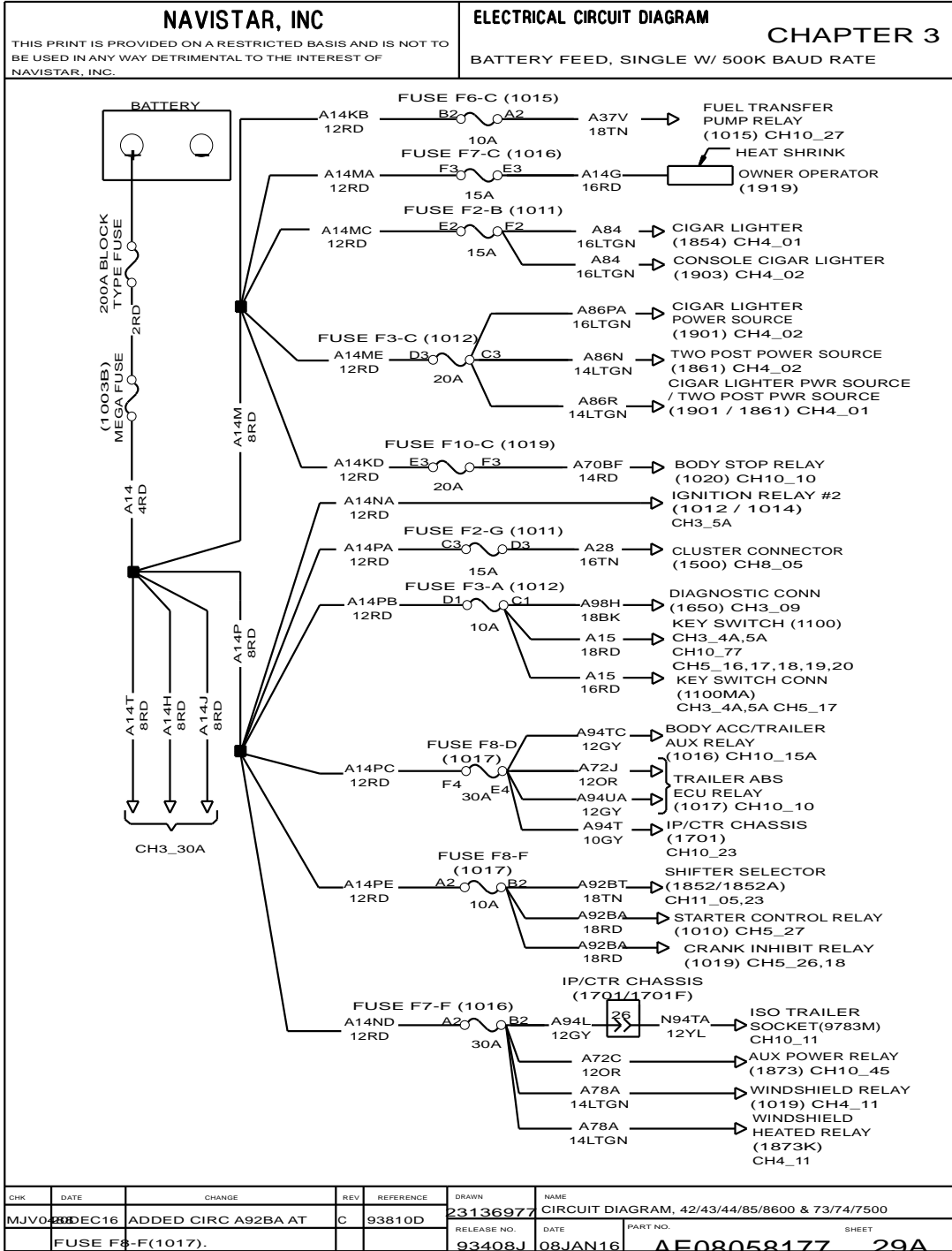


Figure 64 Battery Feed, Single with 500K Baud Rate

3.53. BATTERY FEED, SINGLE (CONT.), P. 30

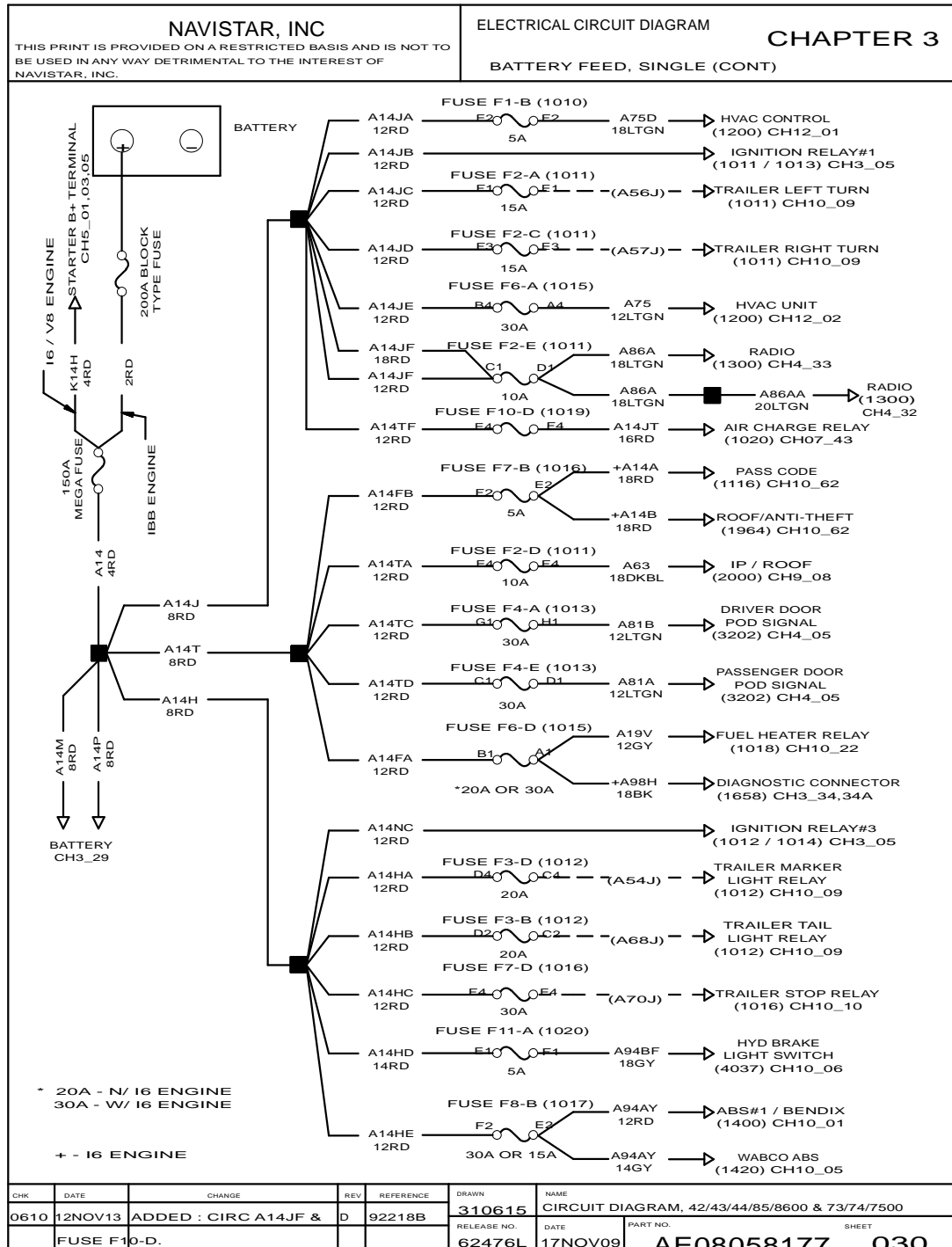


Figure 65 Battery Feed, Single (Cont.)

3.54. BATTERY FEED, SINGLE WITH 500K BAUD RATE (CONT.), P. 30A

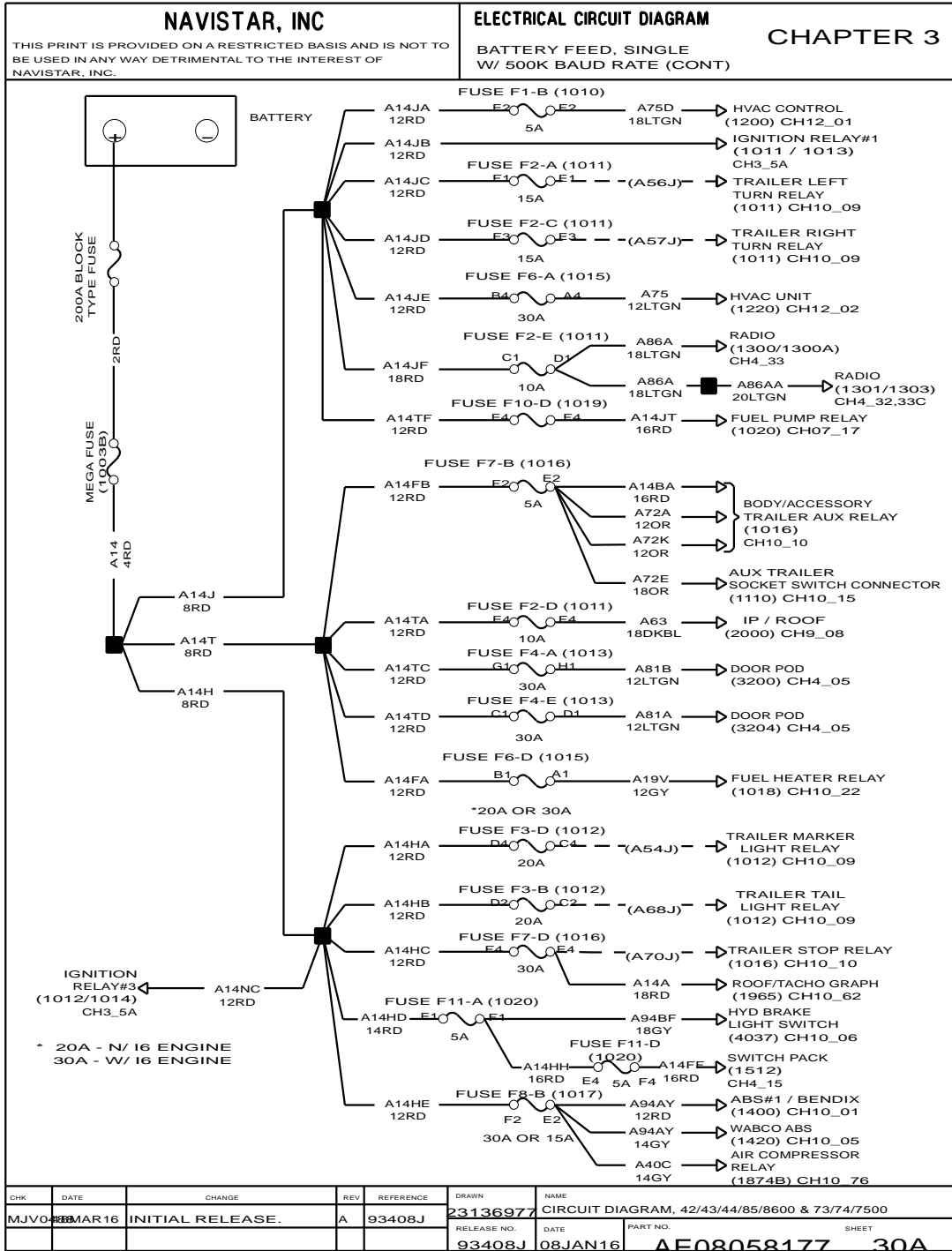


Figure 66 Battery Feed, Single with 500K Baud Rate (Cont.)

3.55. J1939 DATA LINK – V8 ENGINE, P. 31

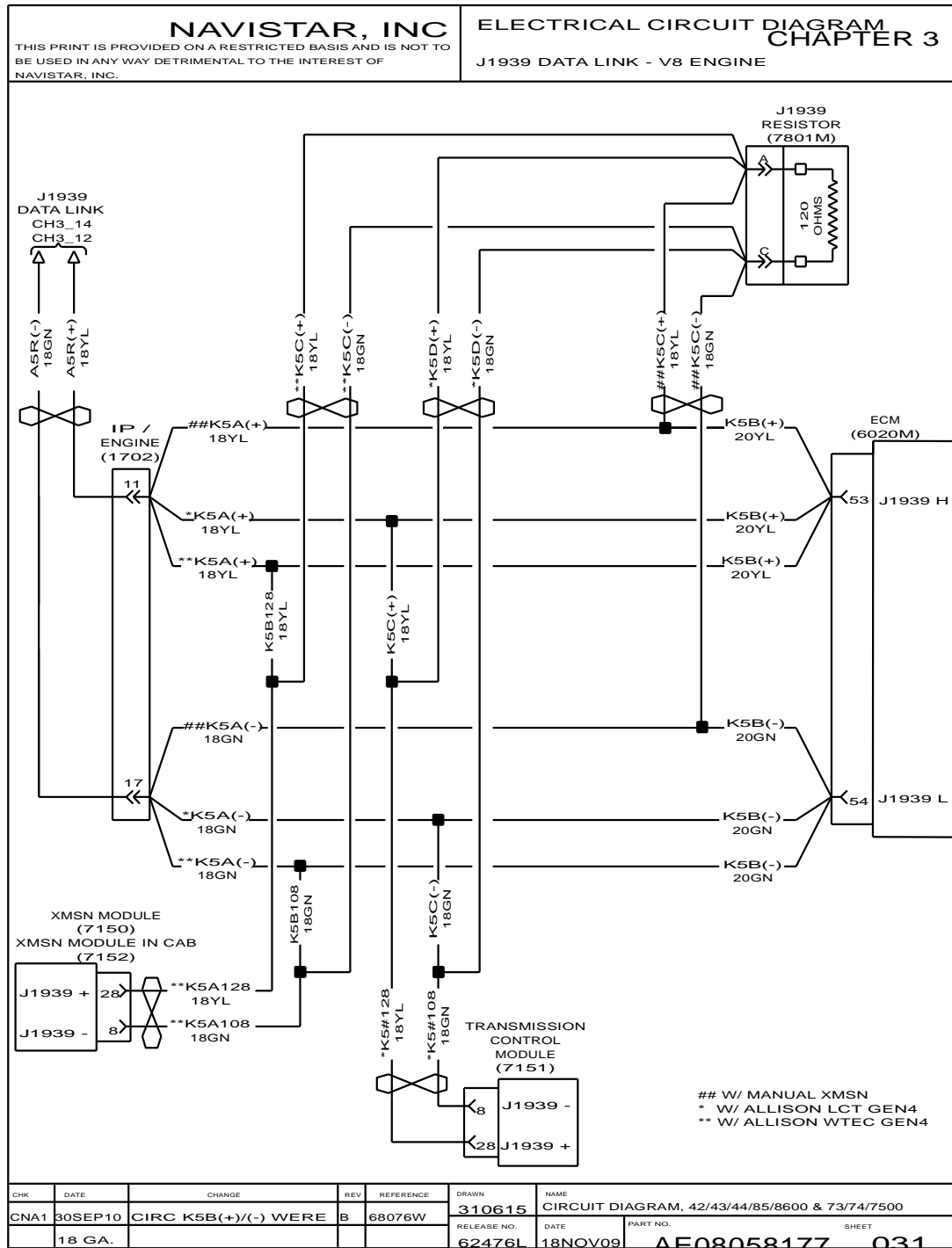


Figure 67 J1939 Data Link – V8 Engine

3.56. J1939 WITH CUMMINS ISB ENGINE, P. 31A

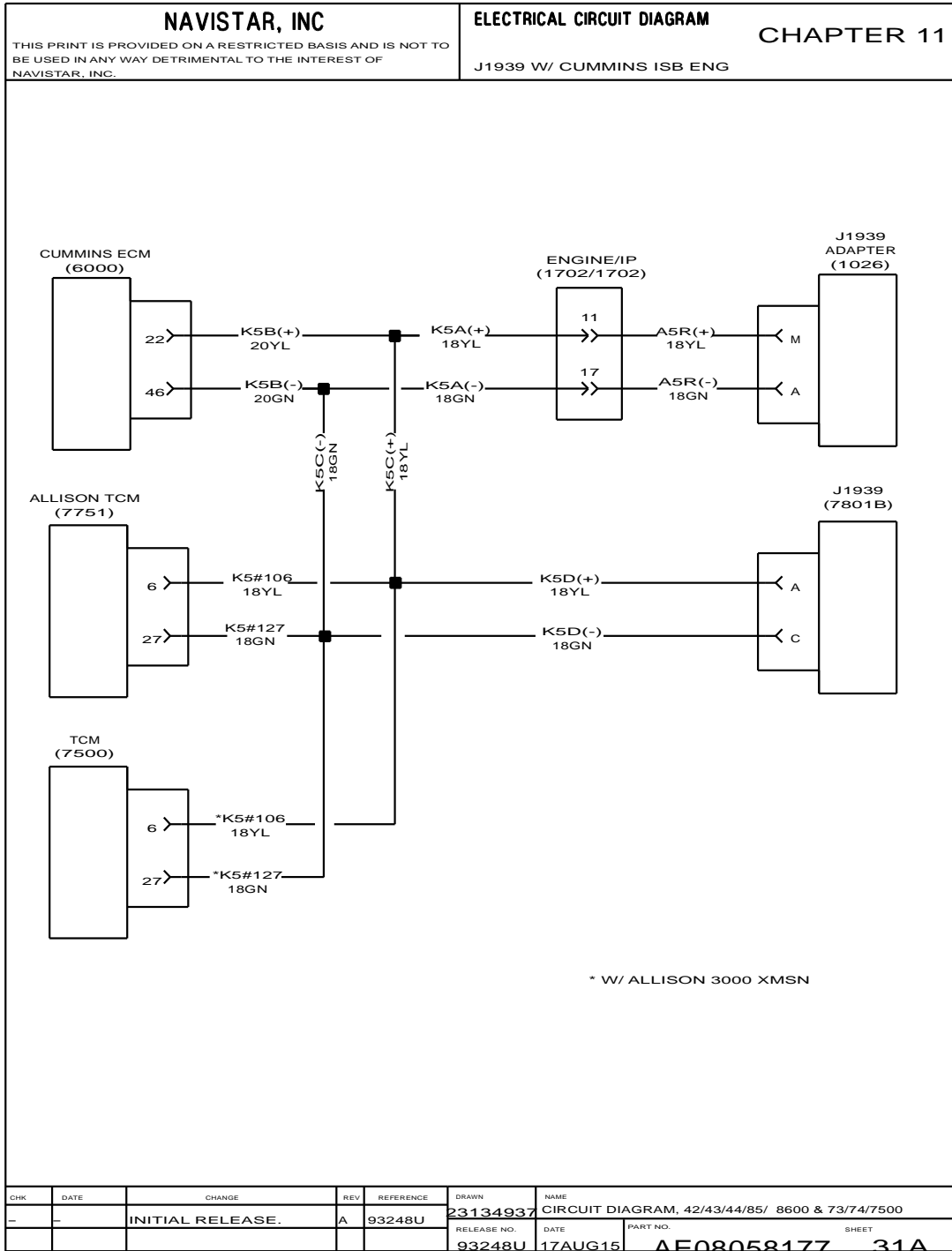


Figure 68 J1939 with Cummins ISB Engine

3.57. J1939 WITH CUMMINS ISB ENGINE (CONT.), P. 31B

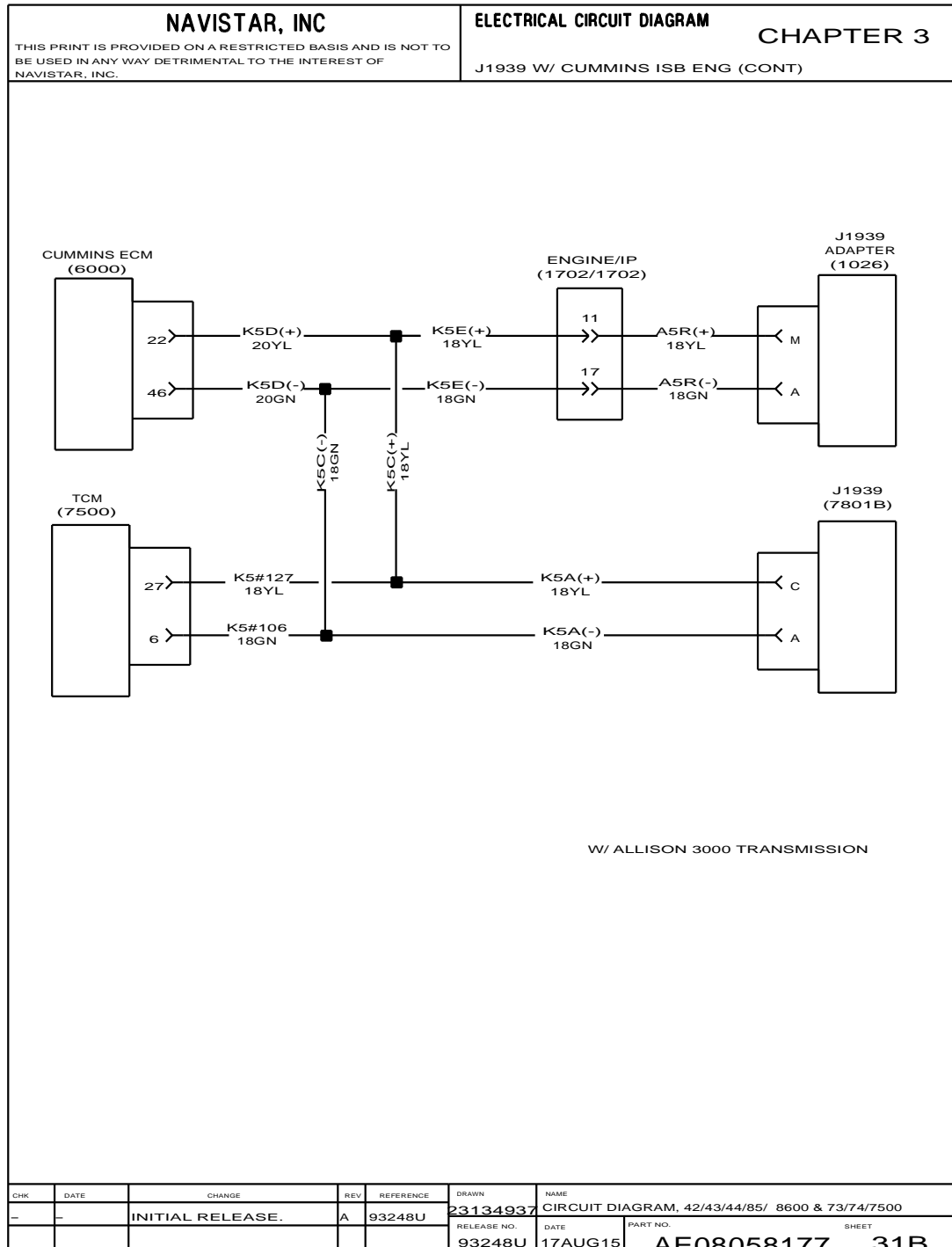


Figure 69 J1939 with Cummins ISB Engine (Cont.)

3.58. J1939 WITH CUMMINS ISB ENGINE (CONT.), P. 31C

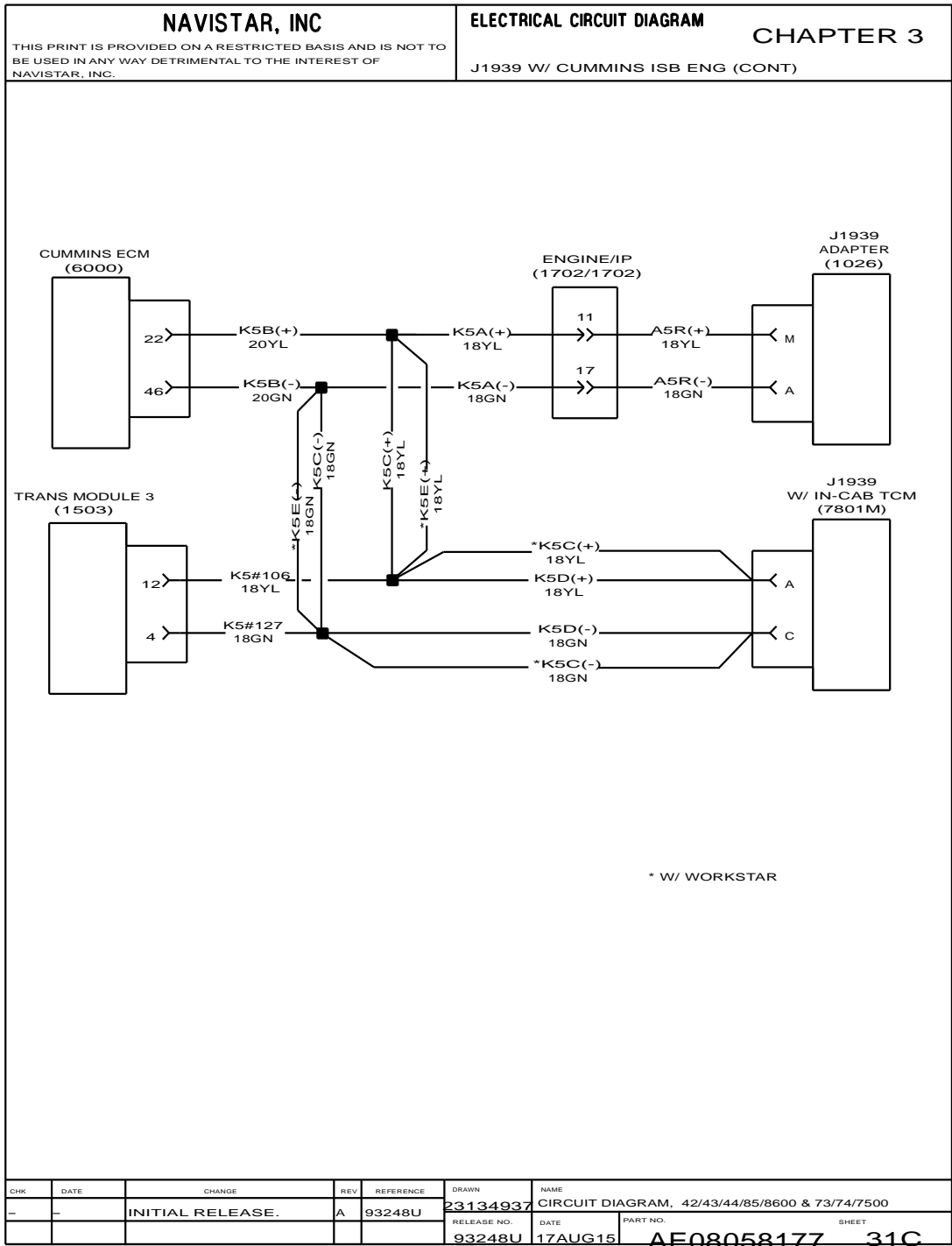


Figure 70 J1939 with Cummins ISB Engine (Cont.)

3.59. J1939 WITH 2013 INTERNATIONAL BIG BORE ENGINE, P. 31D

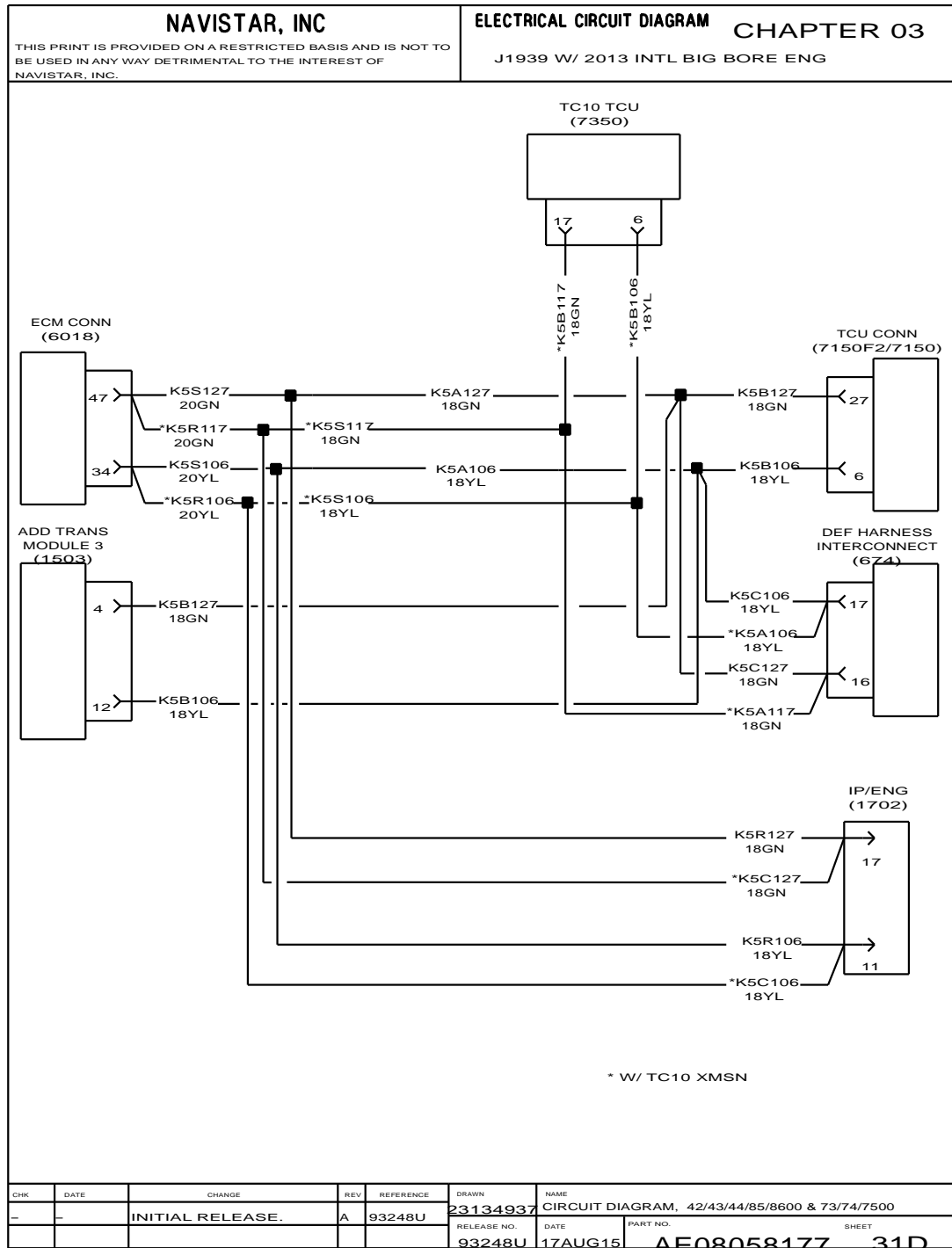


Figure 71 J1939 with 2013 International Big Bore Engine

3.60. GROUND – SEAT AND SEATBELT SENSOR, P. 32

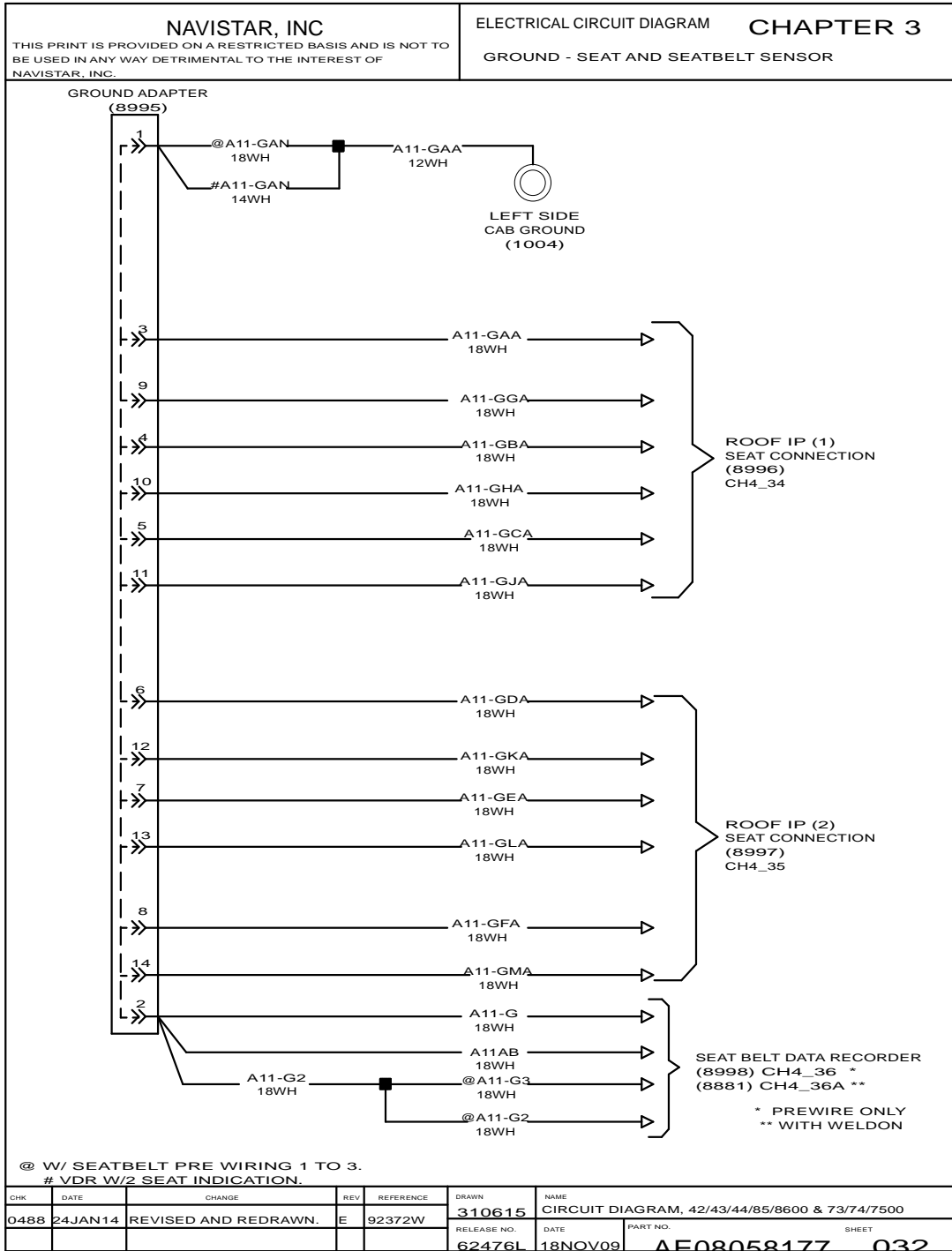


Figure 72 Ground – Seat and Seatbelt Sensor

3.61. LATCHING RELAY, P. 33

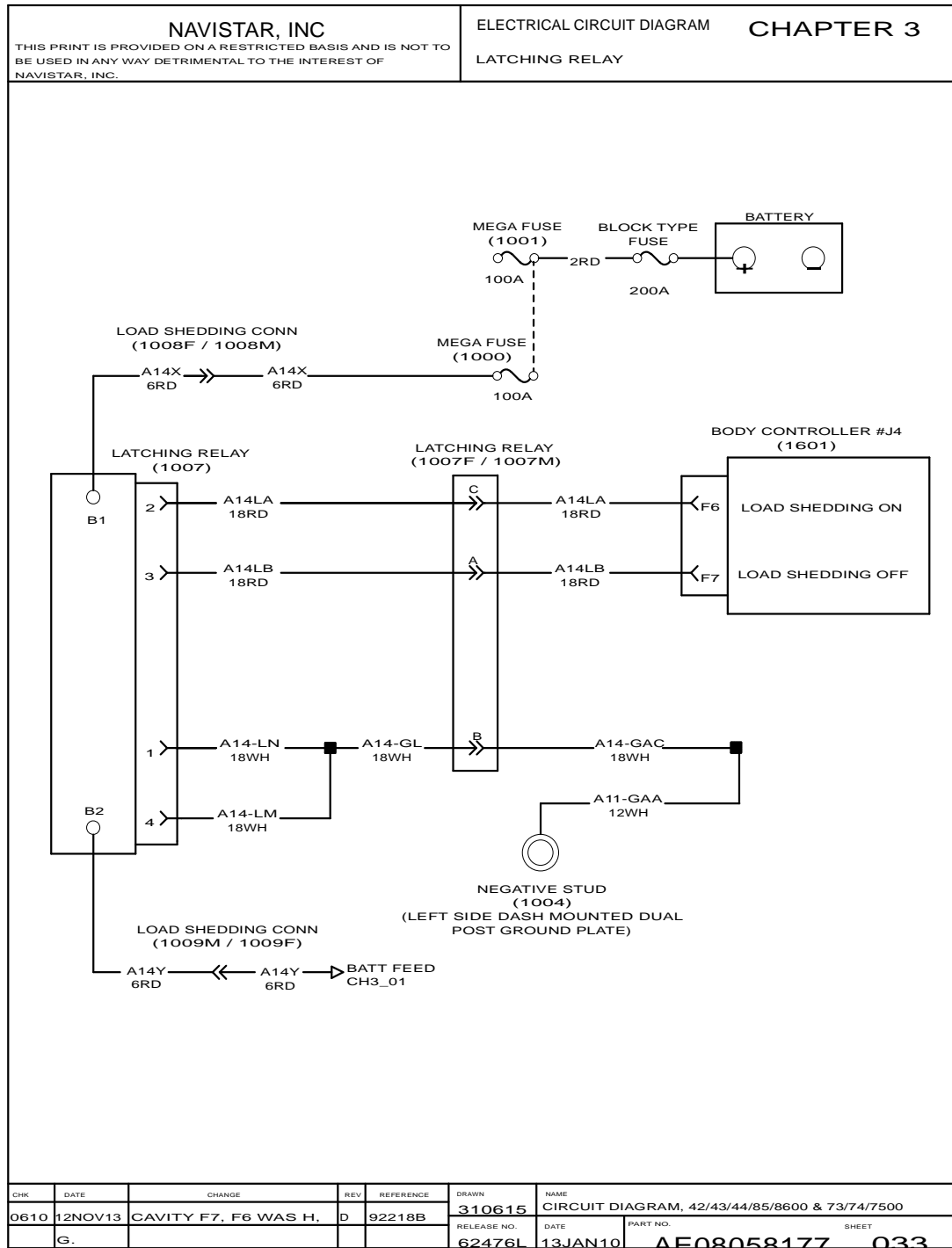


Figure 73 Latching Relay

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0610	12NOV13	CAVITY F7, F6 WAS H.	D	92218B	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
G.					RELEASE NO. 62476L	DATE 13JAN10
					PART NO. AE08058177	SHEET 033

3.62. J1939 DATA LINK I6 ENGINE, P. 34

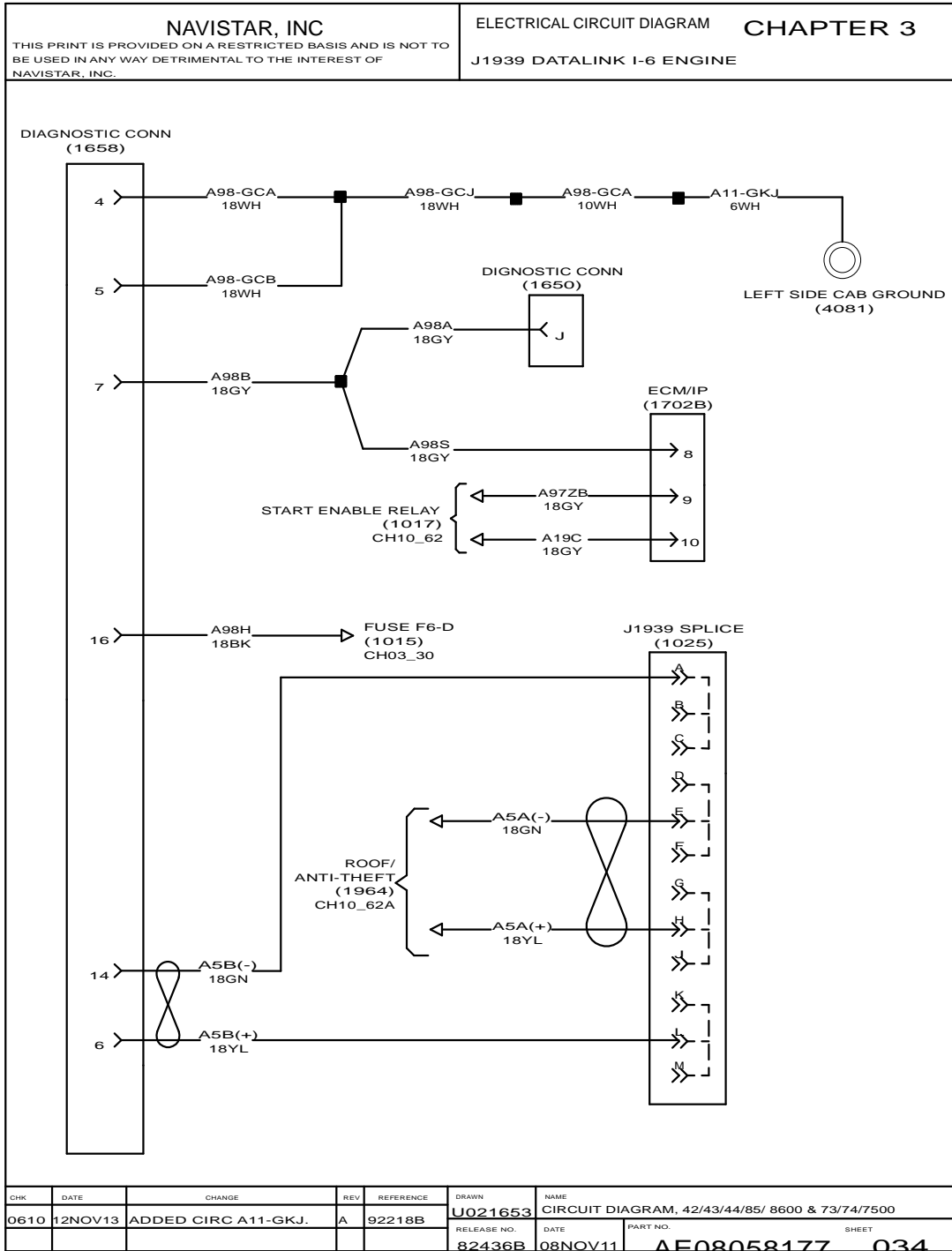


Figure 74 J1939 Data Link I6 Engine

3.63. J1939 DATA LINK I6 ENGINE (CONT.), P. 34A

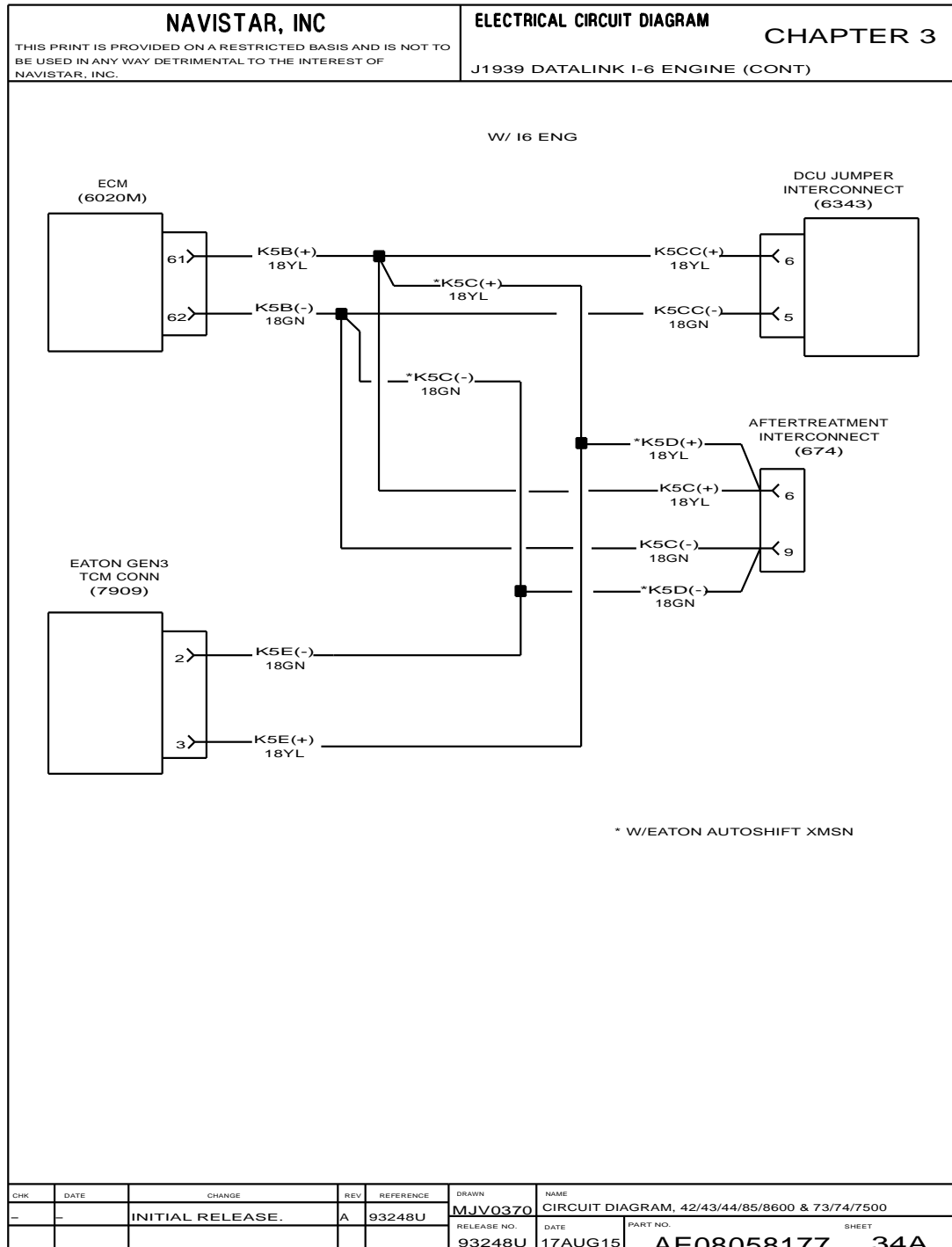


Figure 75 J1939 Data Link I6 Engine (Cont.)

3.64. J1939 DATA LINK I6 ENGINE (CONT.), P. 34B

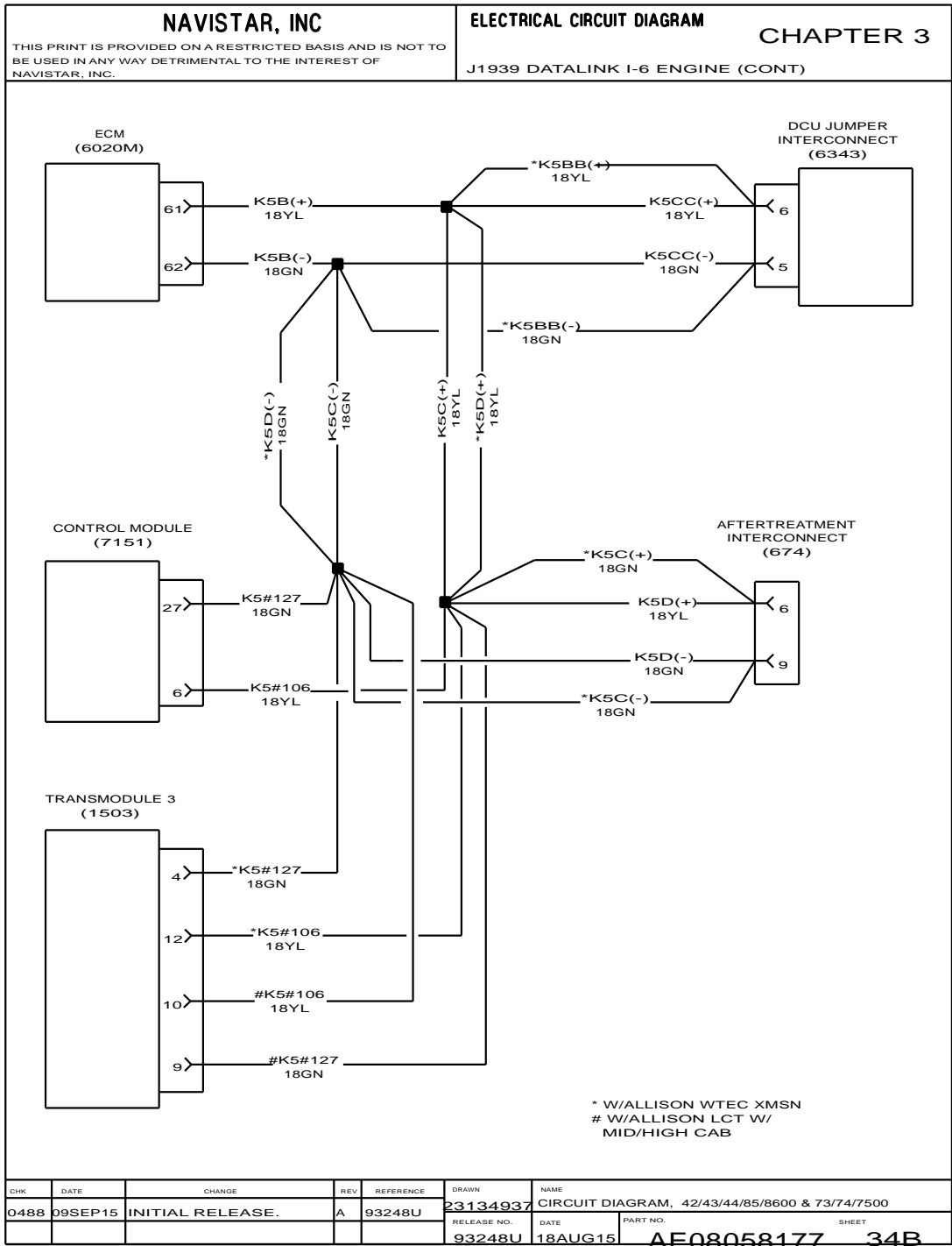


Figure 76 J1939 Data Link I6 Engine (Cont.)

3.65. ENGINE GROUND I6 ENGINE, P. 35

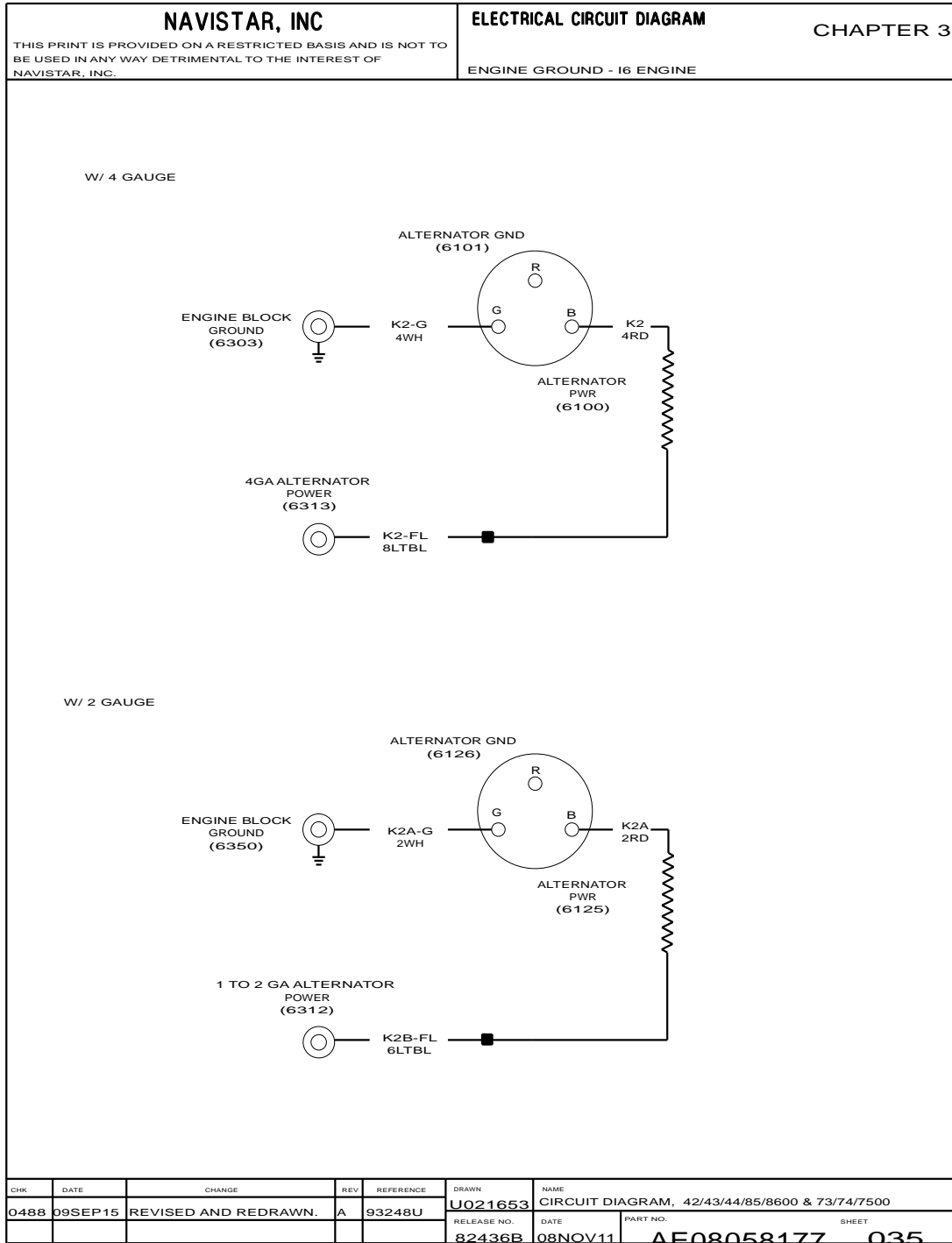


Figure 77 Engine Ground I6 Engine

3.66. ENGINE BLOCK GROUND I6 ENGINE, P. 35A

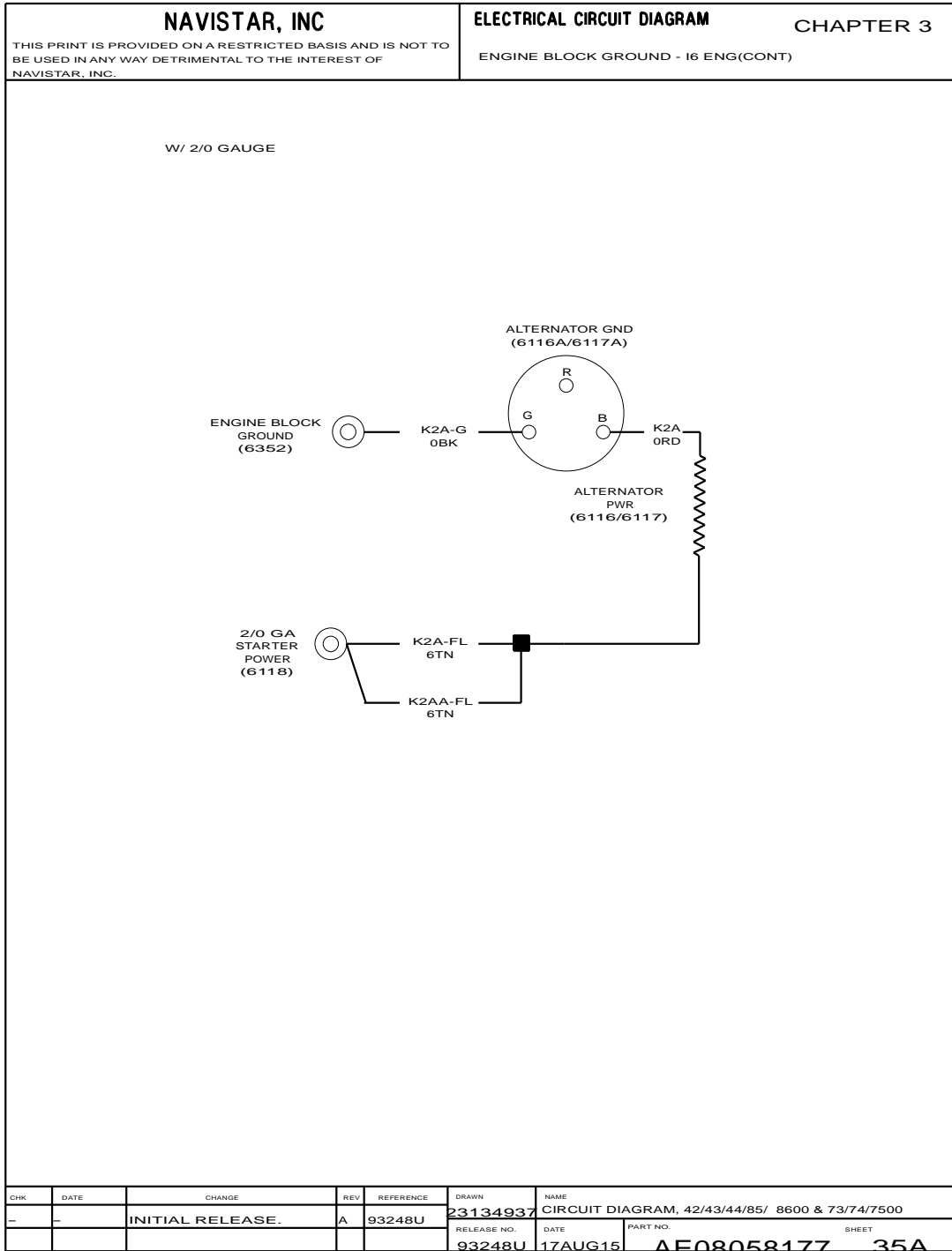


Figure 78 Engine Block Ground I6 Engine

3.67. INTENTIONALLY LEFT BLANK, P. 36

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 03			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				INTENTIONALLY LEFT BLANK			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
M.JVO	13AUG16	REMOVED GEOMETRY.	D	93614H	2307407C	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
					RELEASE NO.	DATE	PART NO. SHEET
					91317U	17SEP12	AE08058177 036

Figure 79 Intentionally Left Blank

3.68. J1939 DATA LINK – ISL–G ENGINE, P. 37

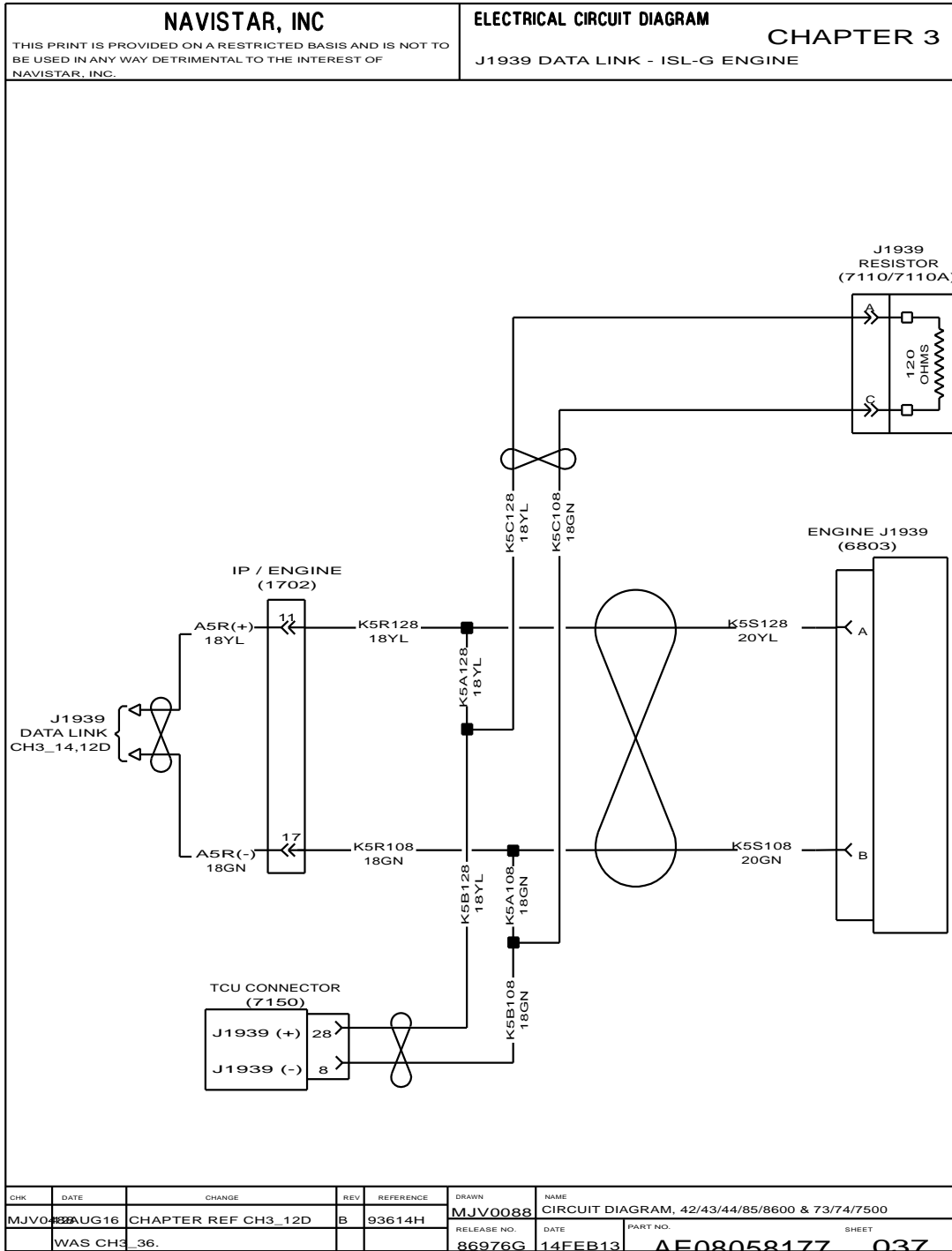


Figure 80 J1939 Data Link – ISL–G Engine

3.69. J1939 DATA LINK WITH ISB ENGINE, P. 37A

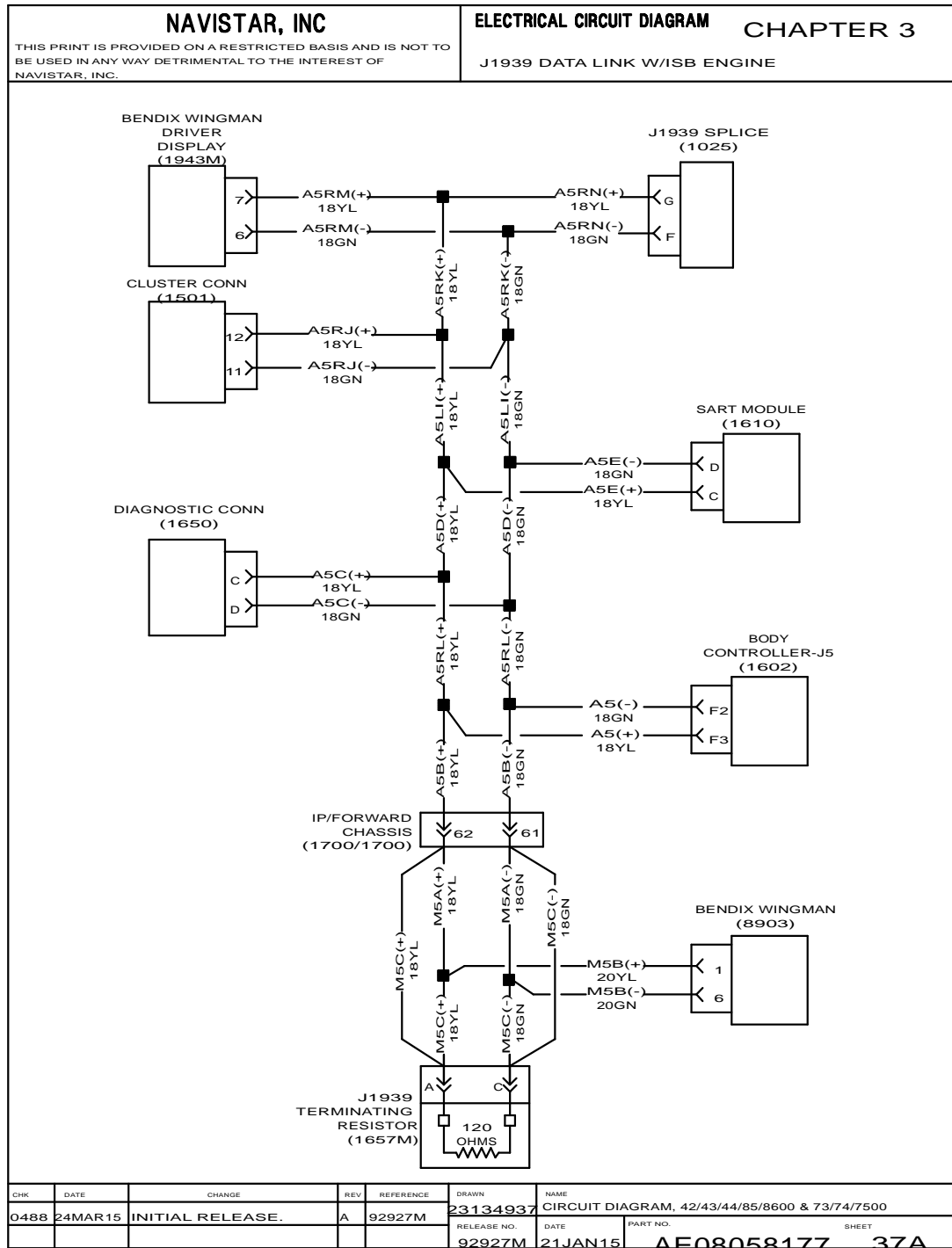


Figure 81 J1939 Data Link with ISB Engine

3.70. TRAILER SOCKET GROUND, P. 38

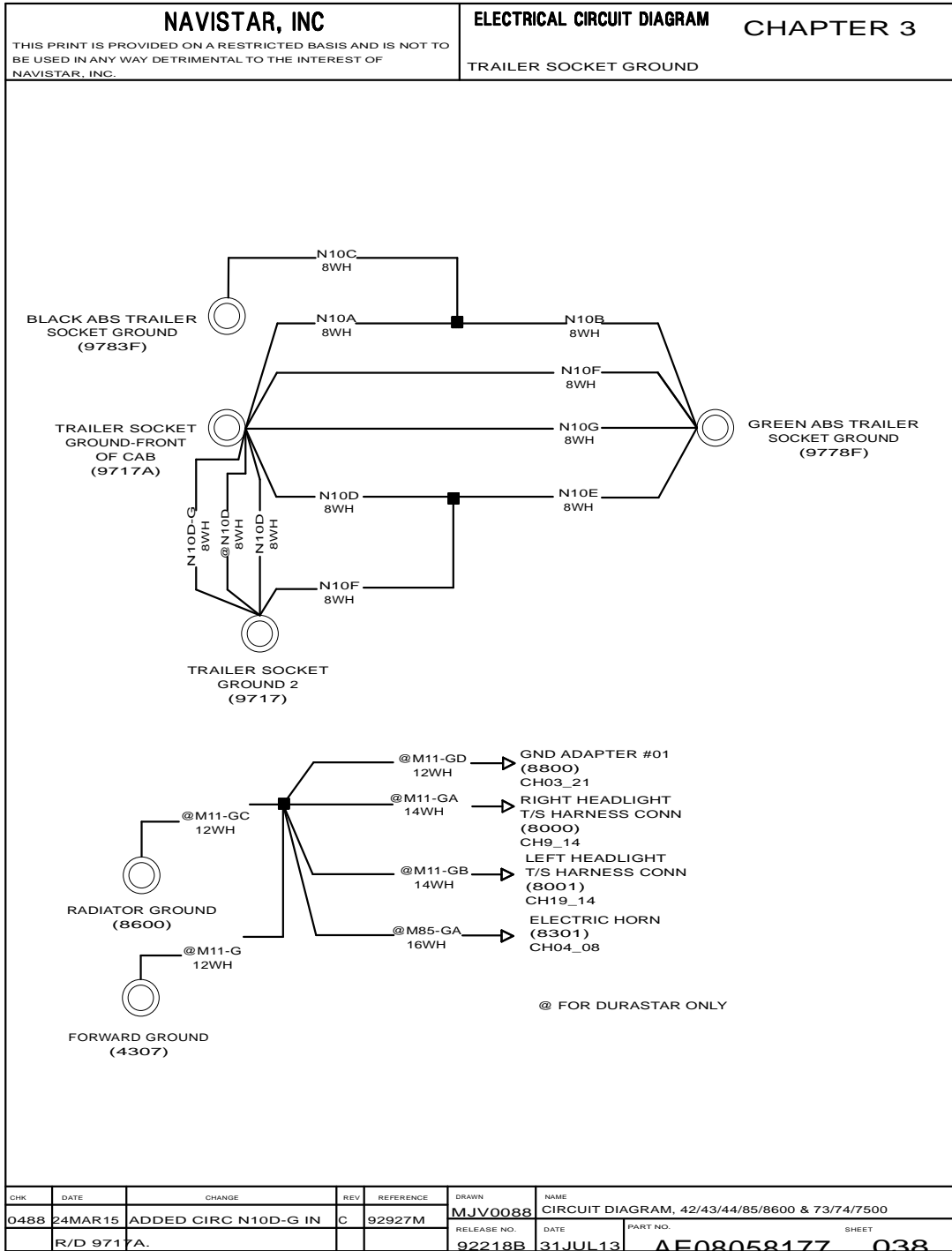


Figure 82 Trailer Socket Ground

3.71. TRAILER SOCKET GROUND (CONT.), P. 38A

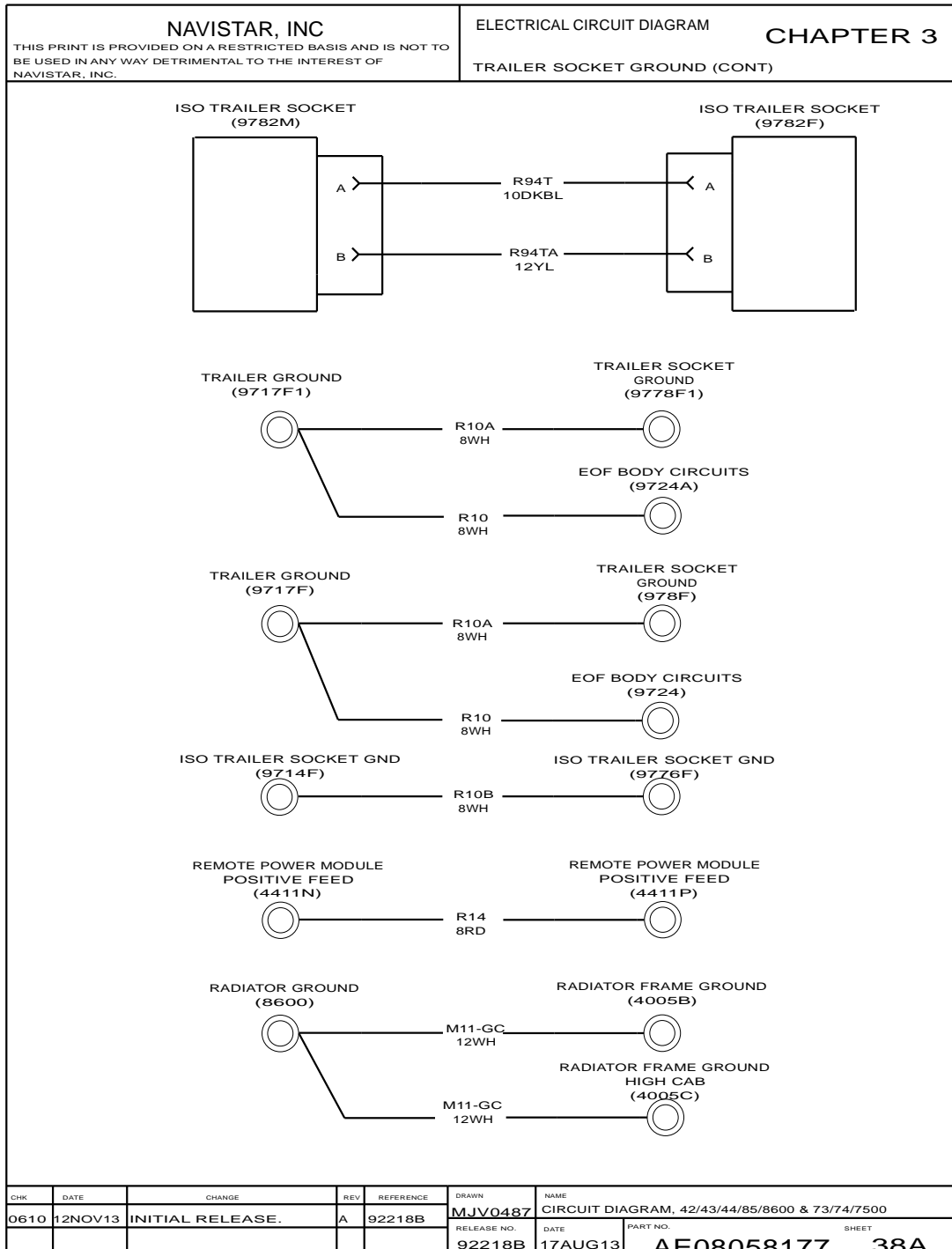


Figure 83 Trailer Socket Ground (Cont.)

3.72. SART CLOCK MODULE, P. 39

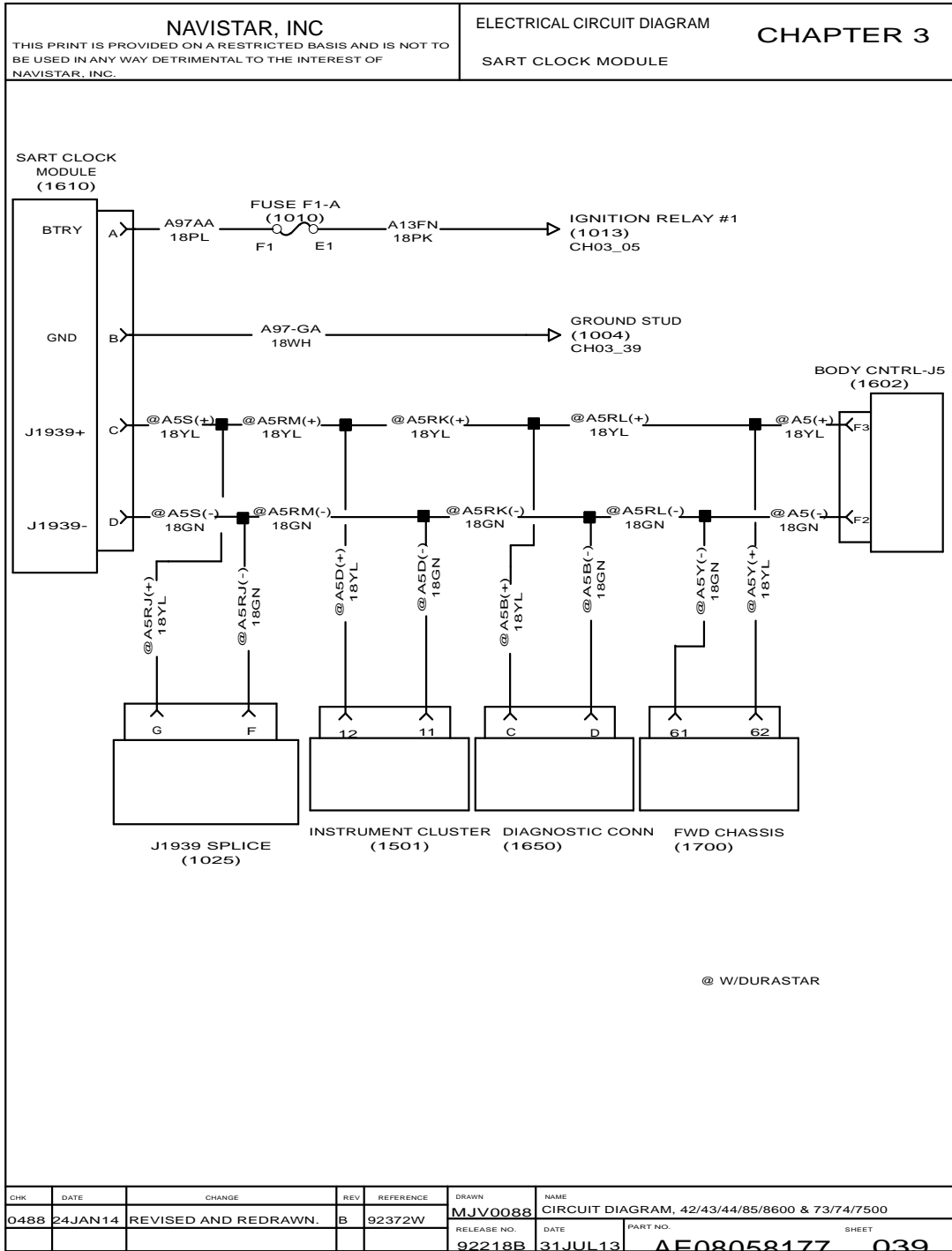


Figure 84 SART Clock Module

3.73. 250K J1939 CAB DATA LINK WITH 500K REGULATORY UPDATE, P. 40

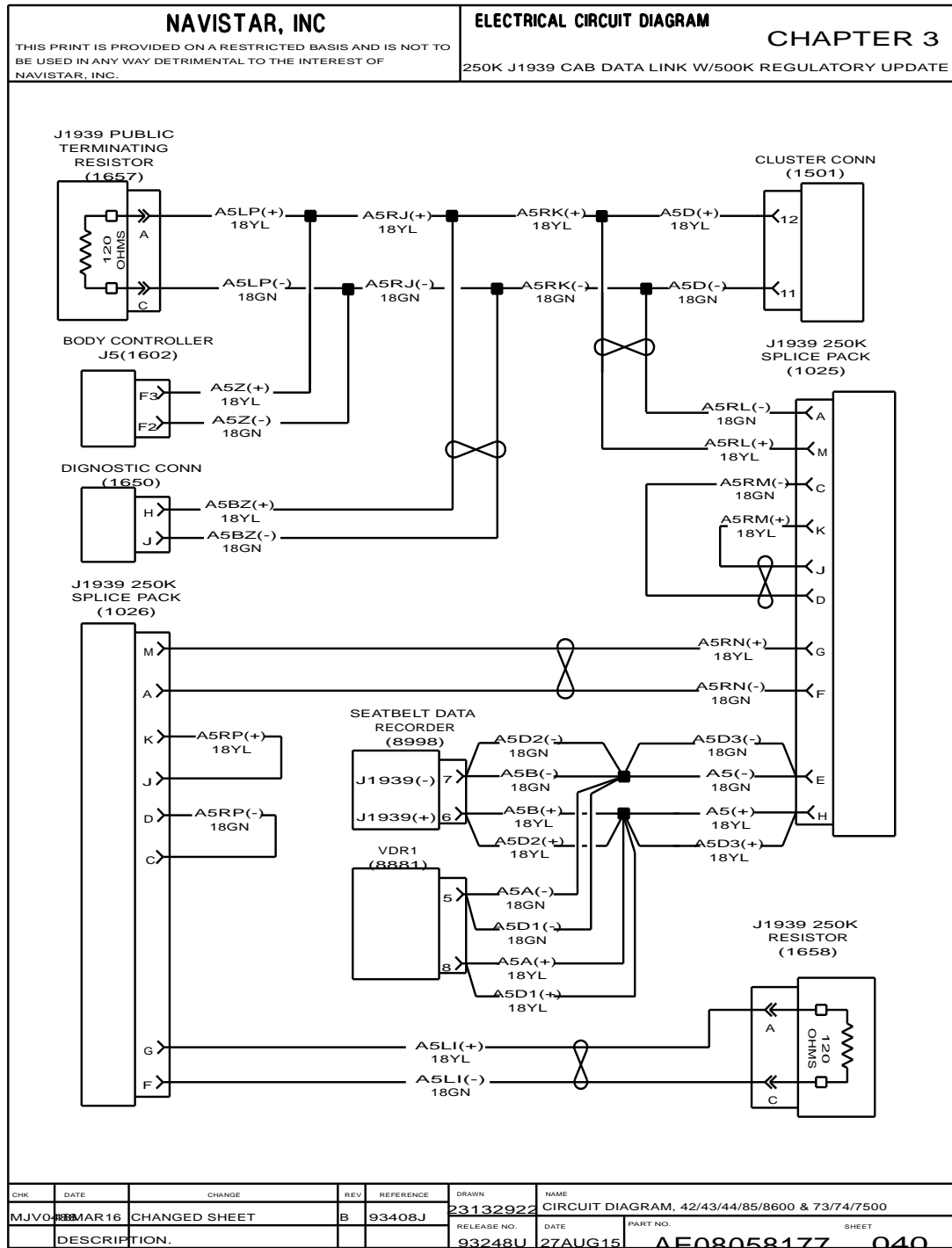


Figure 85 250K J1939 Cab Data Link with 500K Regulatory Update

3.74. 250K J1939 CAB DATA LINK WITH 500K REGULATORY UPDATE (CONT.), P. 40A

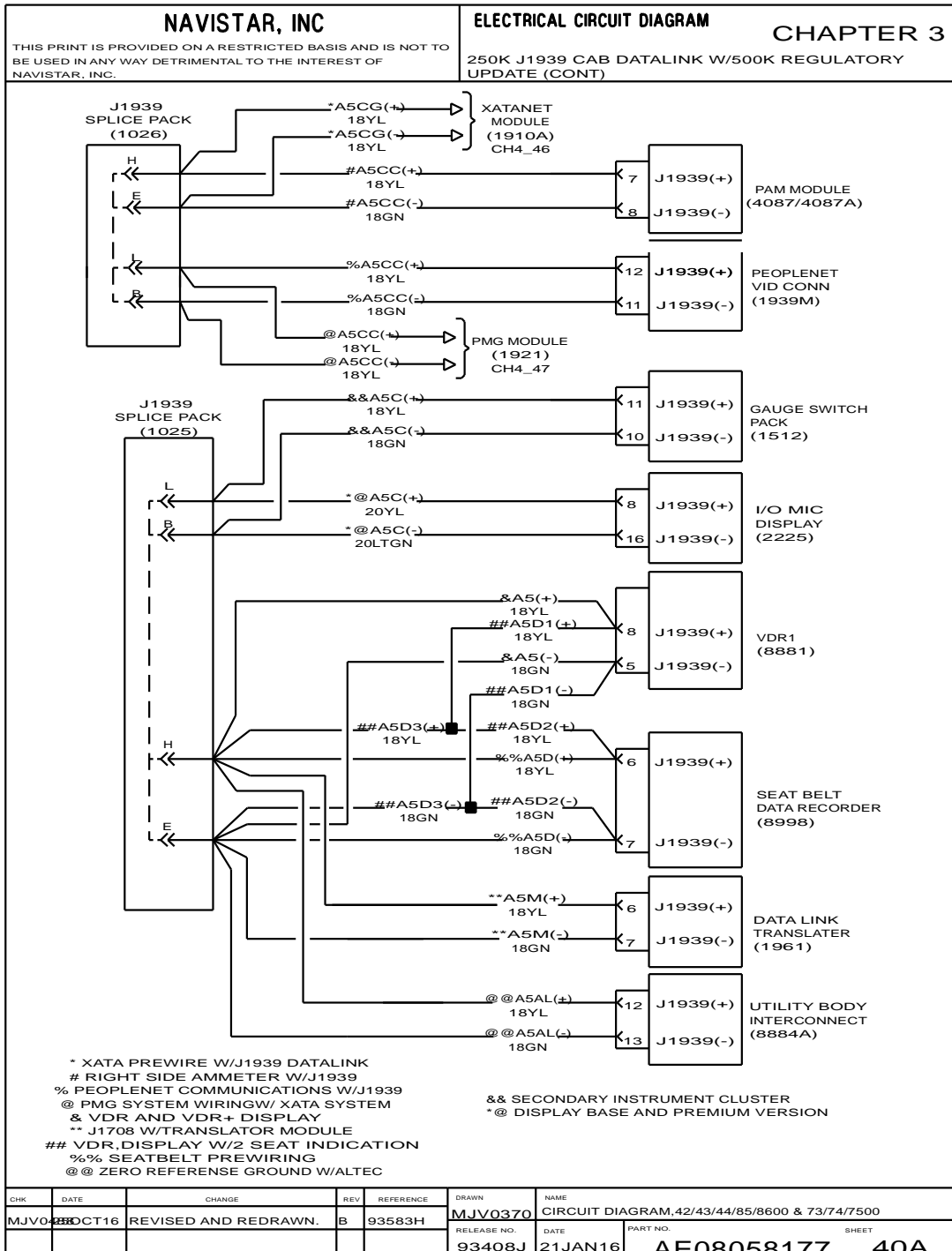


Figure 86 250K J1939 Cab Data Link with 500K Regulatory Update (Cont.)

3.75. J1939 DATA LINK WITHOUT ALLISON TRANSMISSION WITH 500K BAUD RATE, P. 41

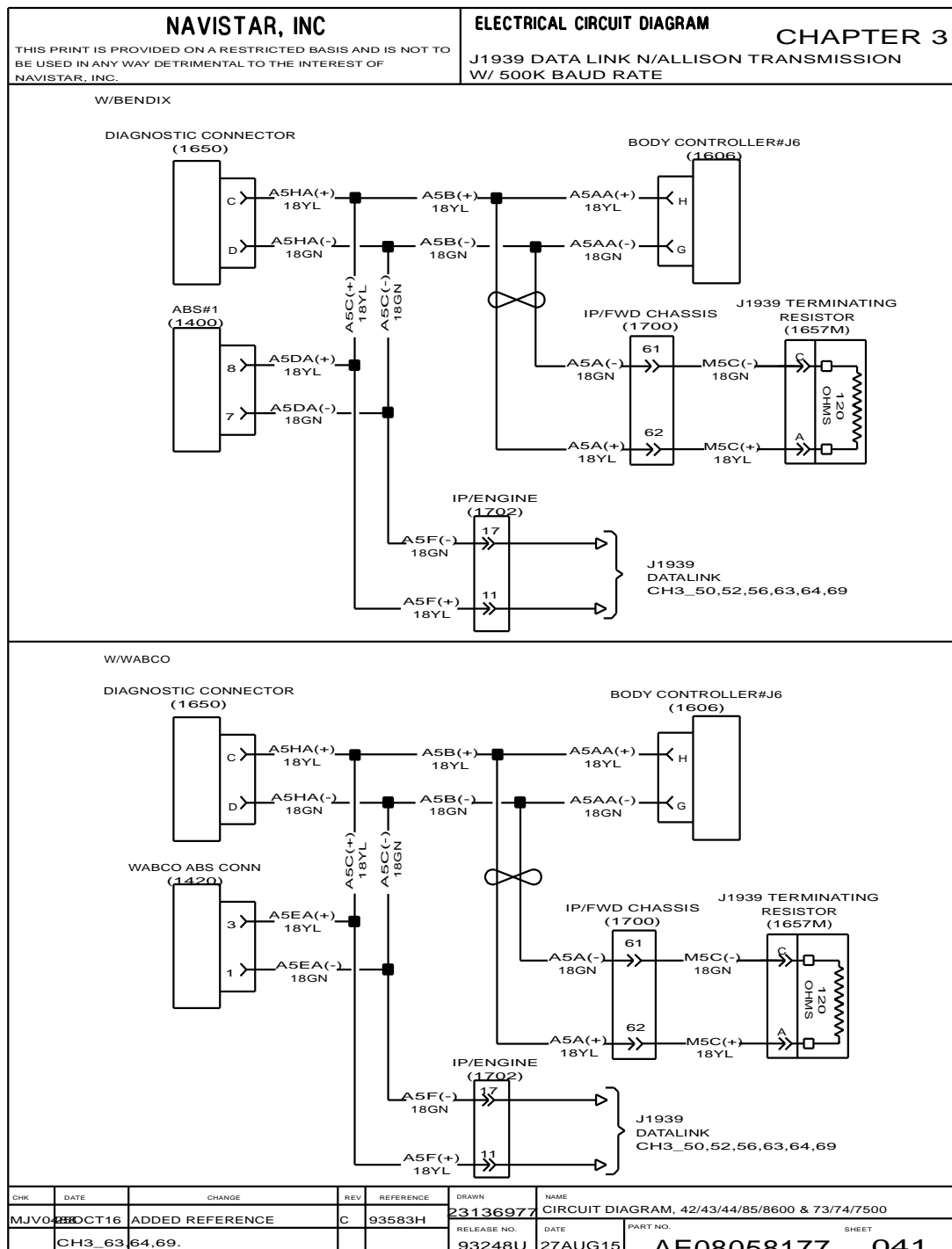


Figure 87 J1939 Data Link without Allison Transmission with 500K Baud Rate

3.76. J1939 DATA LINK WITH ALLISON TRANSMISSION WITH 500K BAUD RATE (CONT.), P. 42

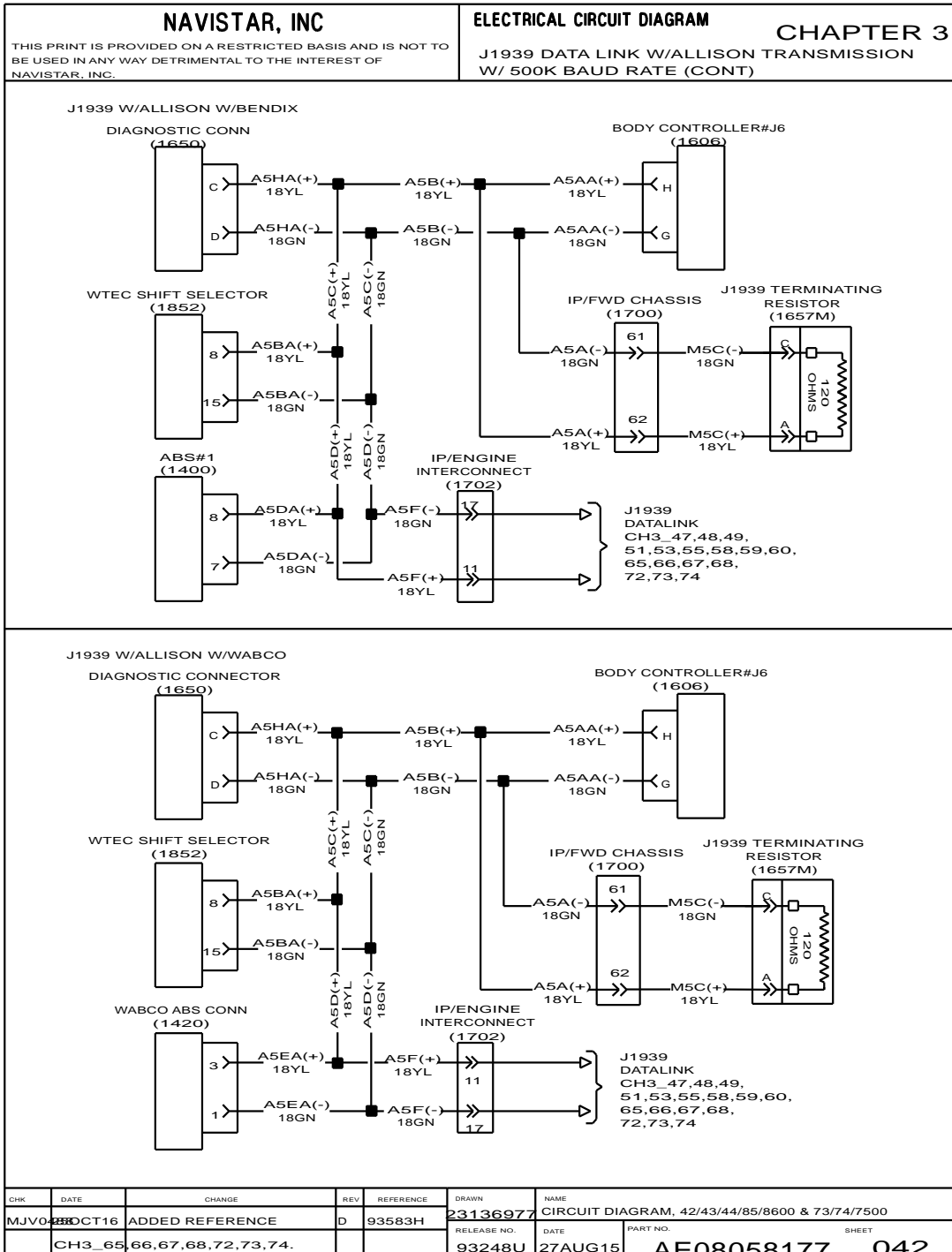


Figure 88 J1939 Data Link with Allison Transmission with 500K Baud Rate (Cont.)

3.77. J1939 DATA LINK WITH ALLISON TRANSMISSION WITH WINGMAN WITH 500K BAUD RATE, P. 43

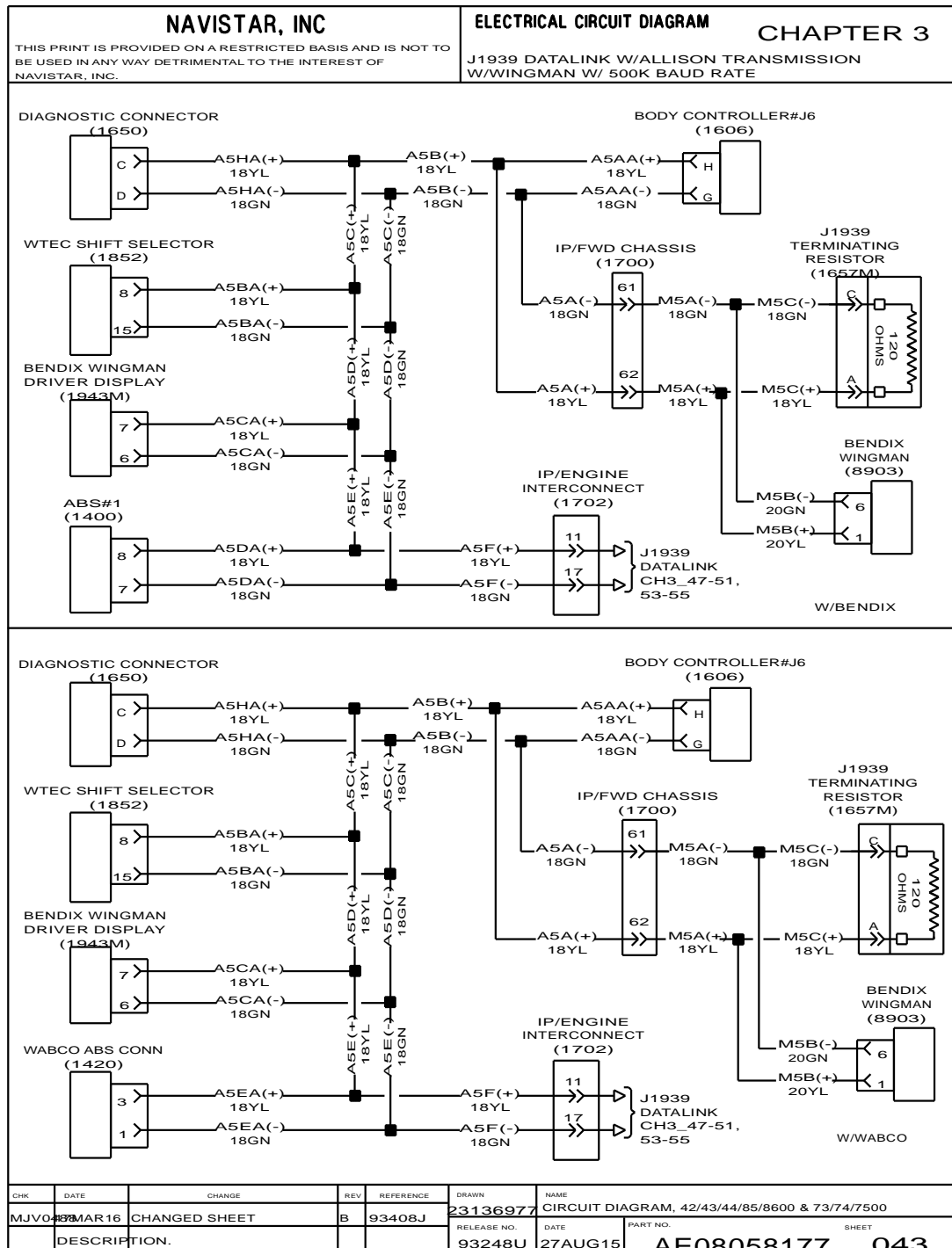


Figure 89 J1939 Data Link with Allison Transmission with Wingman with 500K Baud Rate

3.78. J1939 DATA LINK WITH ALLISON TRANSMISSION WITH CENTER PANEL WITH 500K BAUD RATE, P. 44

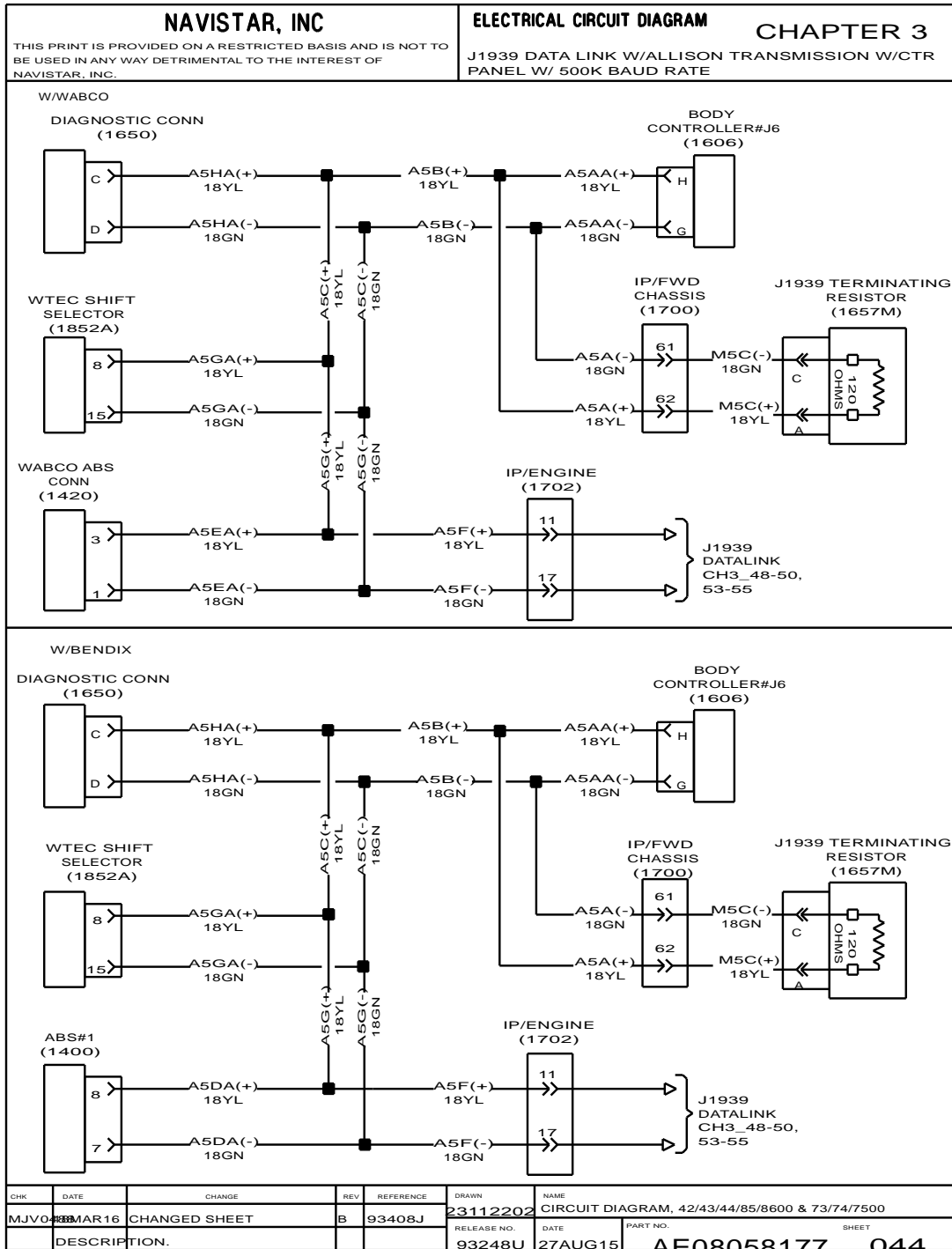


Figure 90 J1939 Data Link with Allison Transmission with Center Panel with 500K Baud Rate

3.79. J1939 DATA LINK WITHOUT ALLISON TRANSMISSION WITH WINGMAN WITH 500K BAUD RATE, P. 45

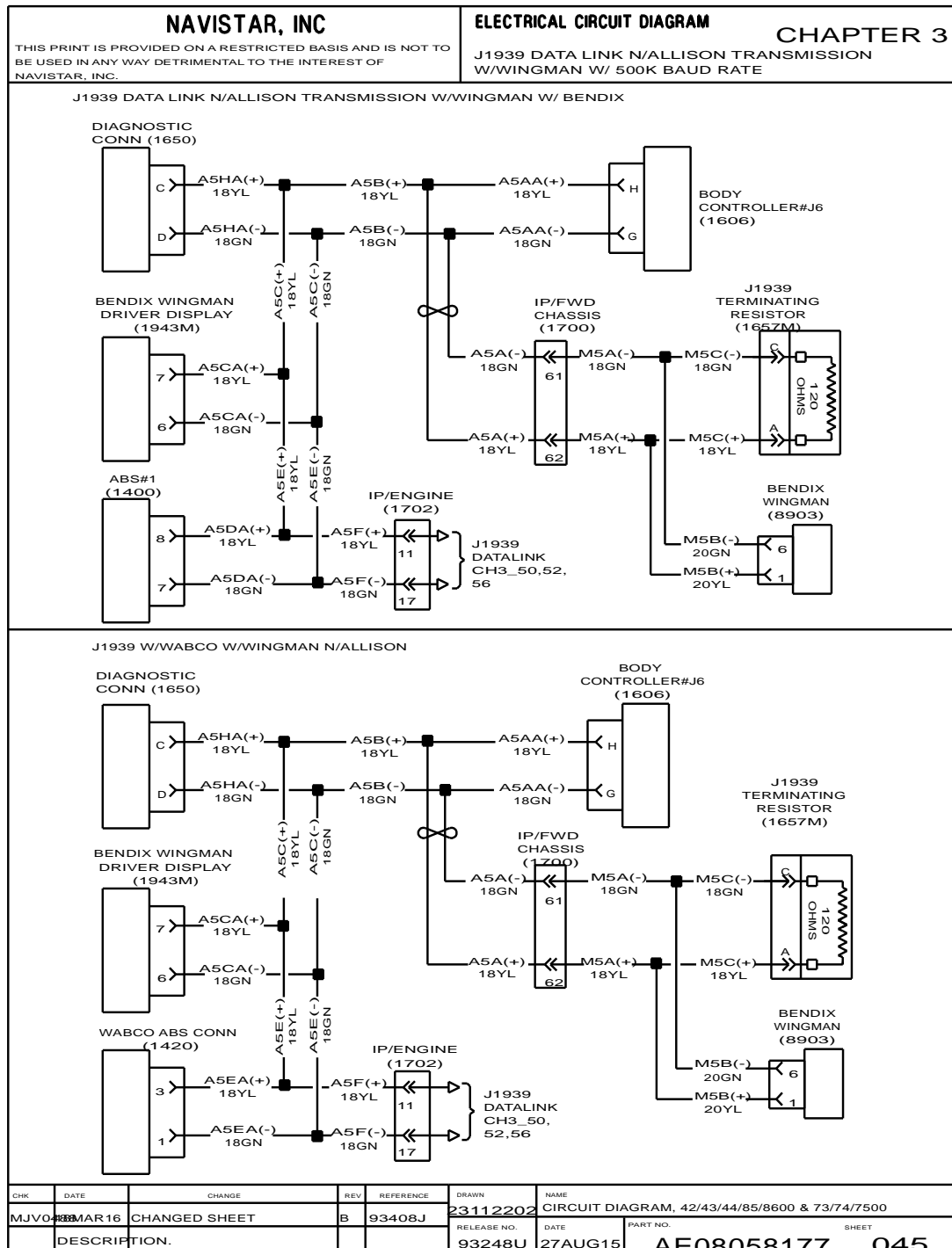


Figure 91 J1939 Data Link without Allison Transmission with Wingman with 500K Baud Rate

3.80. J1939 DATA LINK WITH HYDRAULIC BRAKES WITH 500K BAUD RATE, P. 46

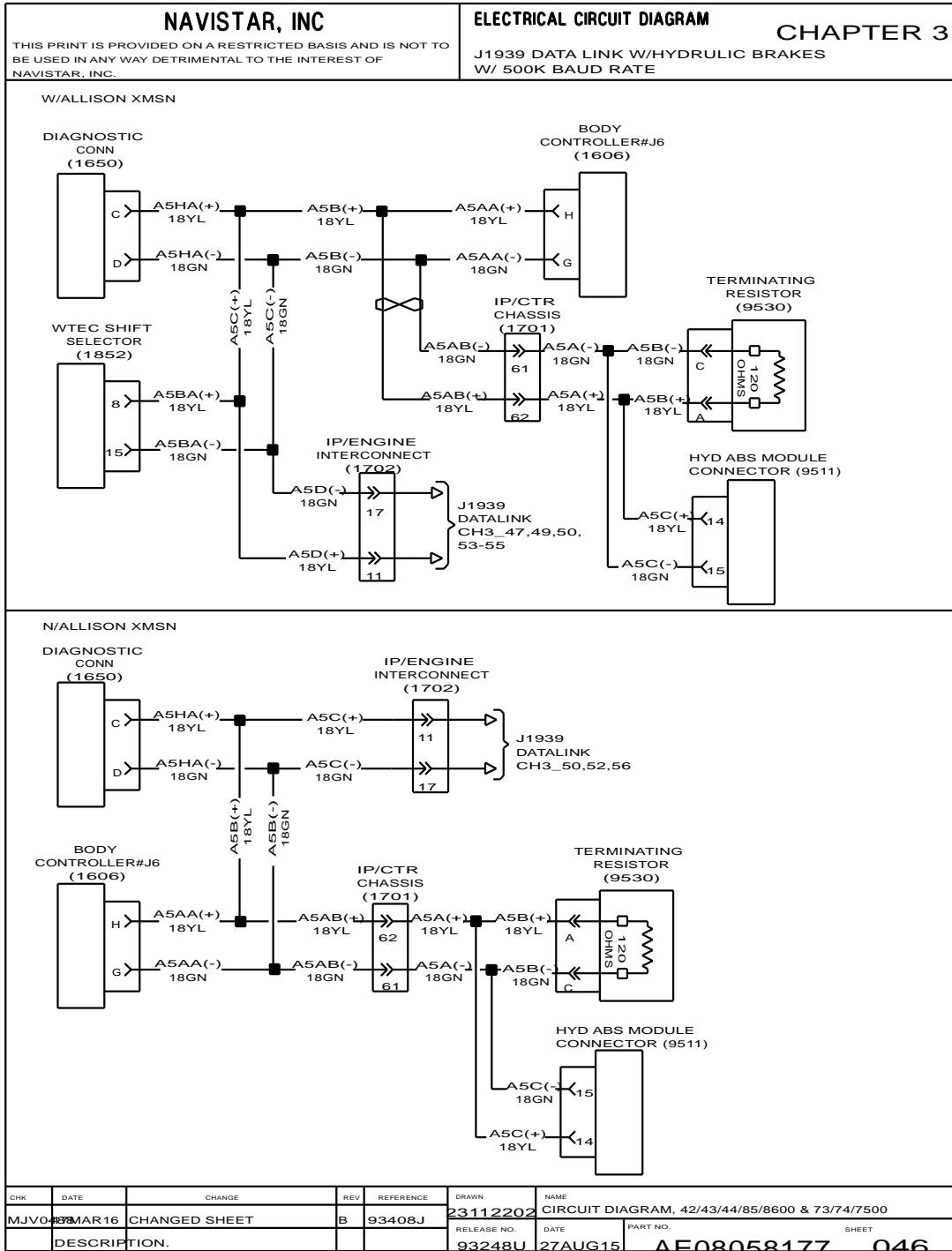


Figure 92 J1939 Data Link with Hydraulic Brakes with 500K Baud Rate

3.81. J1939 DATA LINK WITH 500K BAUD RATE WITH TC10 TRANSMISSION WITH IBB ENGINE, P. 47

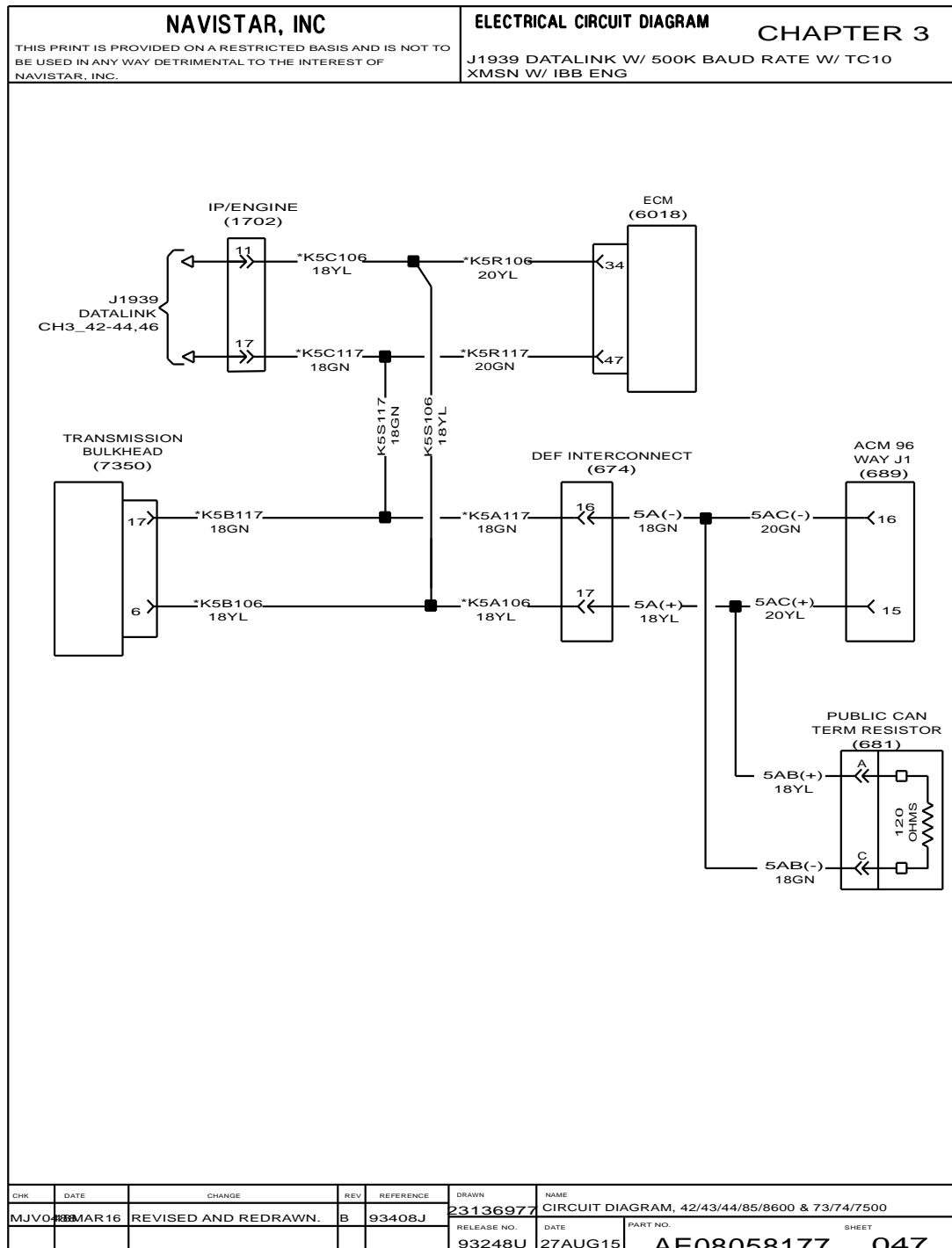


Figure 93 J1939 Data Link with 500K Baud Rate with TC10 Transmission with IBB Engine

3.82. J1939 DATA LINK WITH 500K BAUD RATE WITH ALLISON TRANSMISSION WITH IBB ENGINE, P. 48

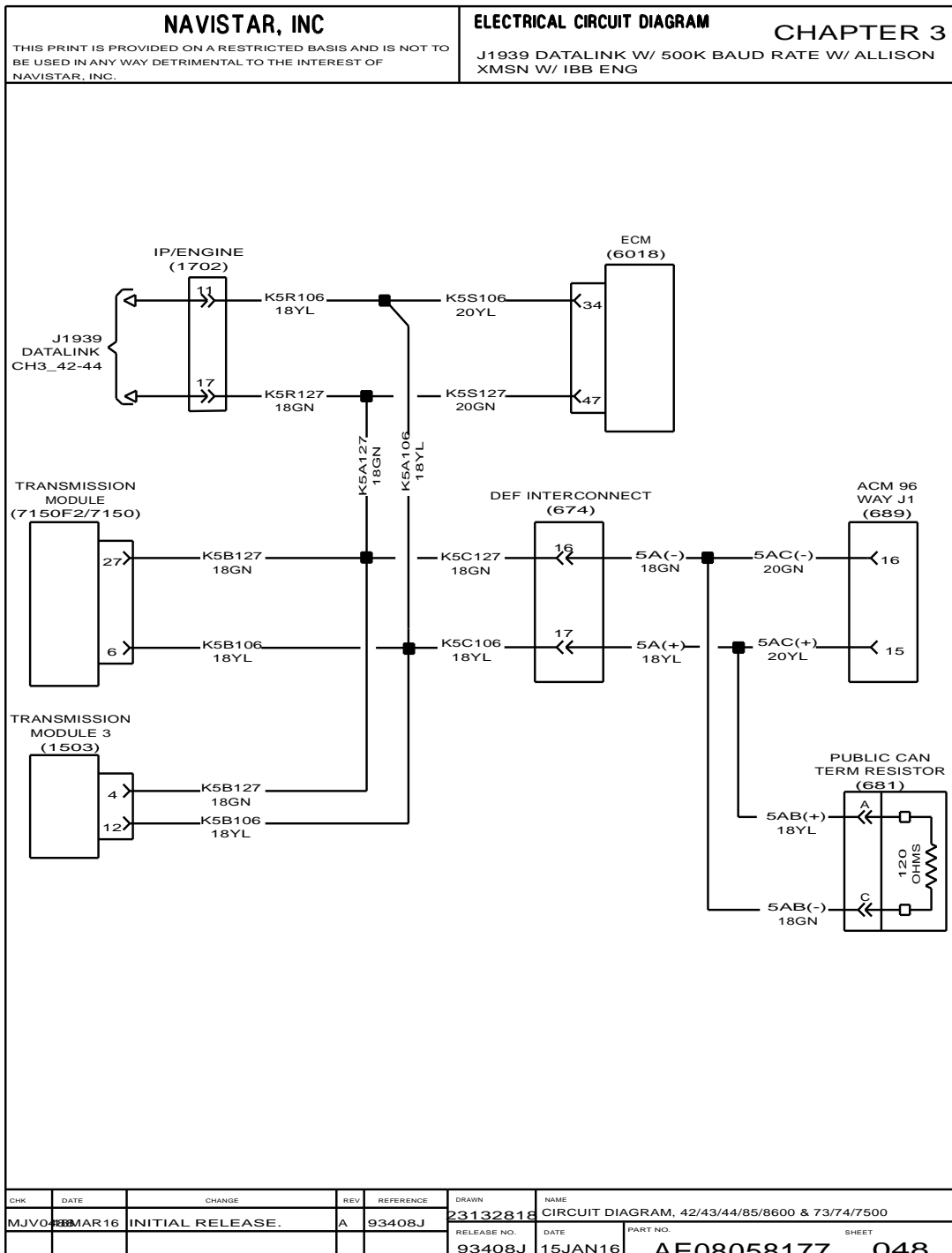


Figure 94 J1939 Data Link with 500K Baud Rate with Allison Transmission with IBB Engine

3.83. J1939 DATA LINK WITH 500K BAUD RATE WITH ALLISON TRANSMISSION WITH CUMMINS ISB ENGINE WITH WORKSTAR, P. 49

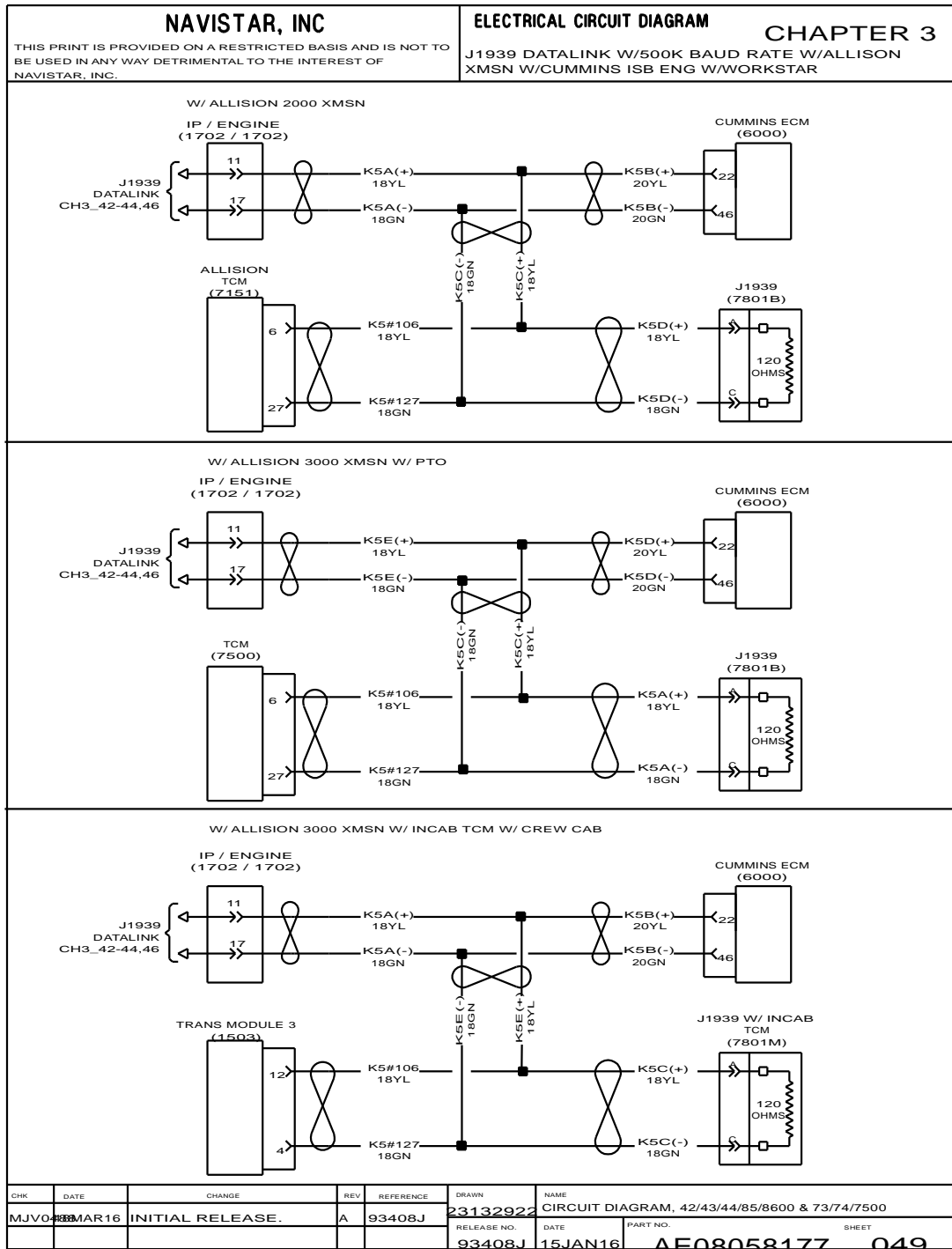


Figure 95 J1939 Data Link with 500K Baud Rate with Allison Transmission with Cummins ISB Engine with WorkStar

3.84. J1939 DATA LINK WITH 500K BAUD RATE WITH 2010 SCR I6 ENGINE, P. 50

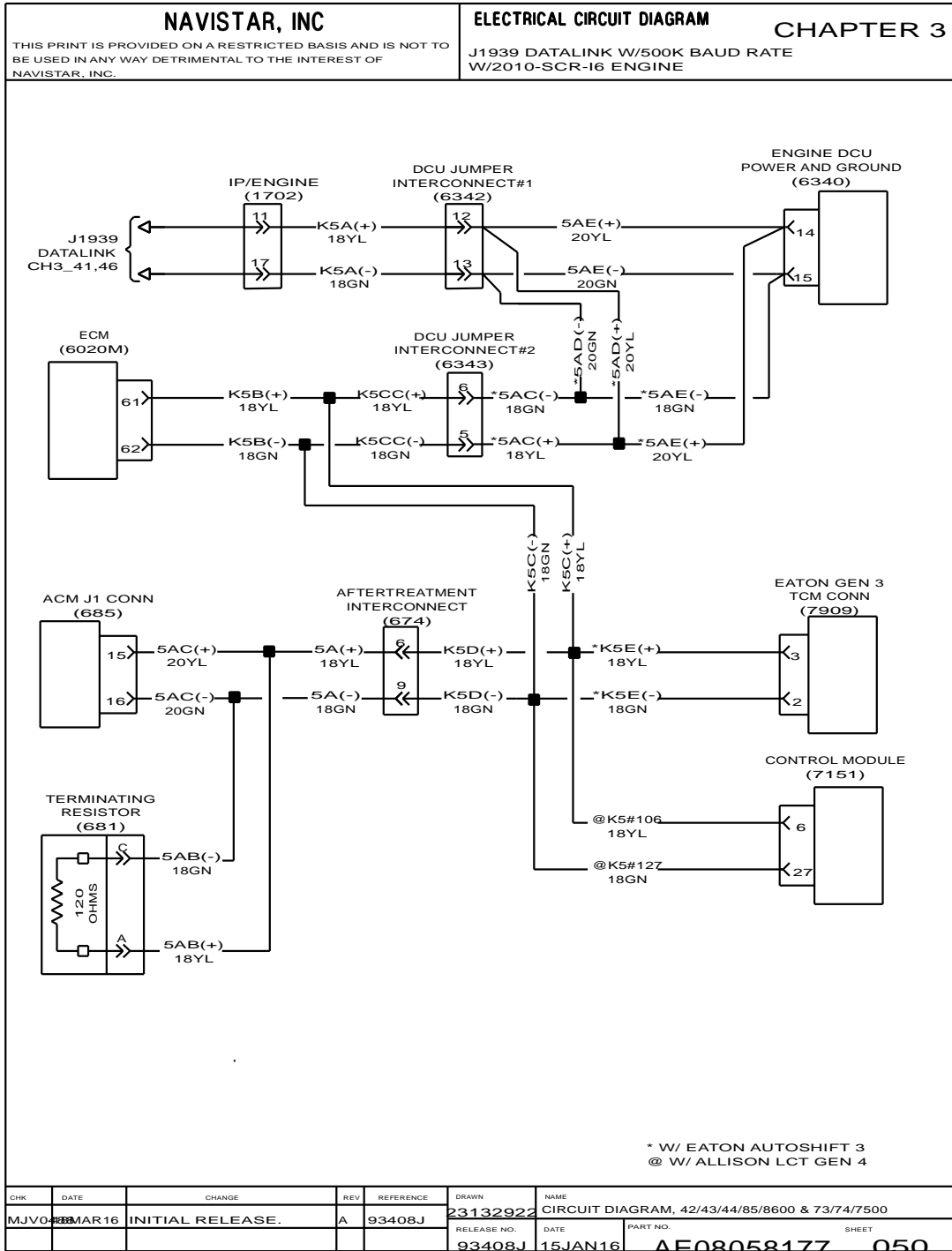


Figure 96 J1939 Data Link with 500K Baud Rate with 2010 SCR I6 Engine

3.85. J1939 DATA LINK WITH 500K BAUD RATE WITH ALLISON WTEC GEN 4 WITH MID / HIGH CAB WITH CREW CAB WITH 2010 SCR I6 ENGINE, P. 51

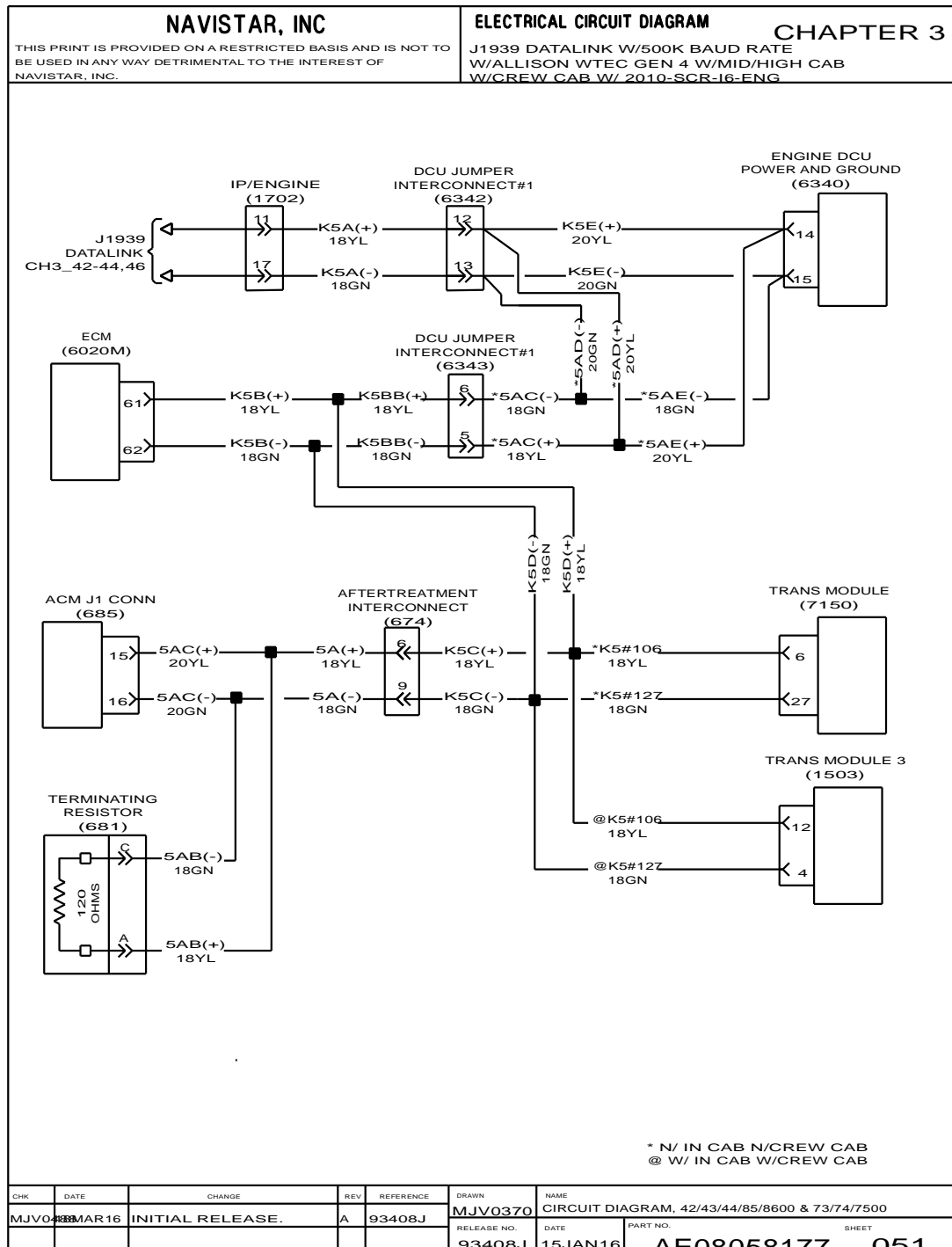


Figure 97 J1939 Data Link with 500K Baud Rate with Allison WTEC Gen 4 with Mid / High Cab with Crew Cab with 2010 SCR I6 Engine

3.86. J1939 DATA LINK WITH 500K BAUD RATE WITH BACKBONE WITH MID / HIGH CAB WITH 2010 SCR I6 ENGINE, P. 52

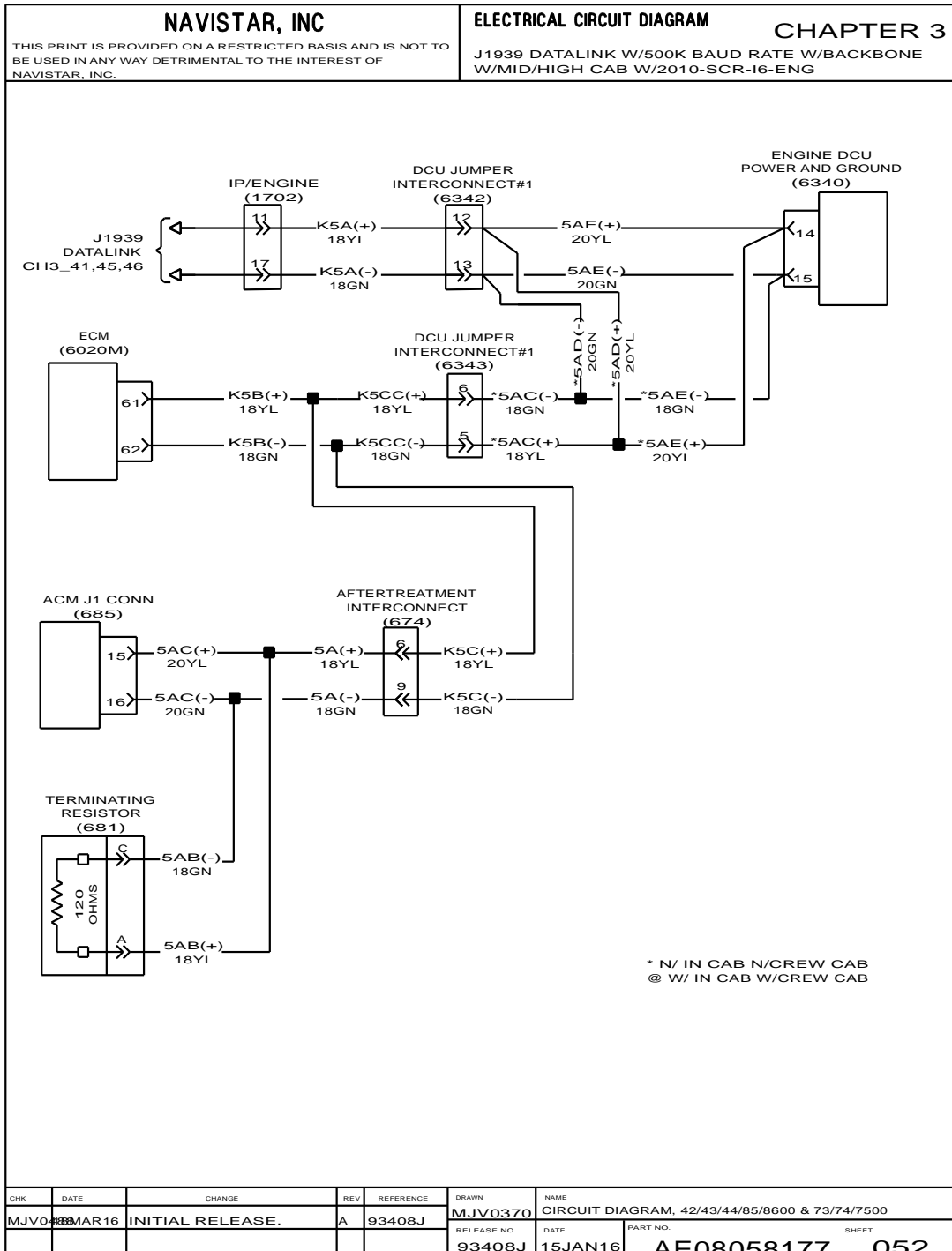


Figure 98 J1939 Data Link with 500K Baud Rate with Backbone with Mid / High Cab with 2010 SCR I6 Engine

3.87. J1939 DATA LINK WITH 500K BAUD RATE WITH ALLISON WTEC GEN 4 WITH MID / HIGH CAB WITH CREW CAB WITH 2010 SCR I6 ENGINE, P. 53

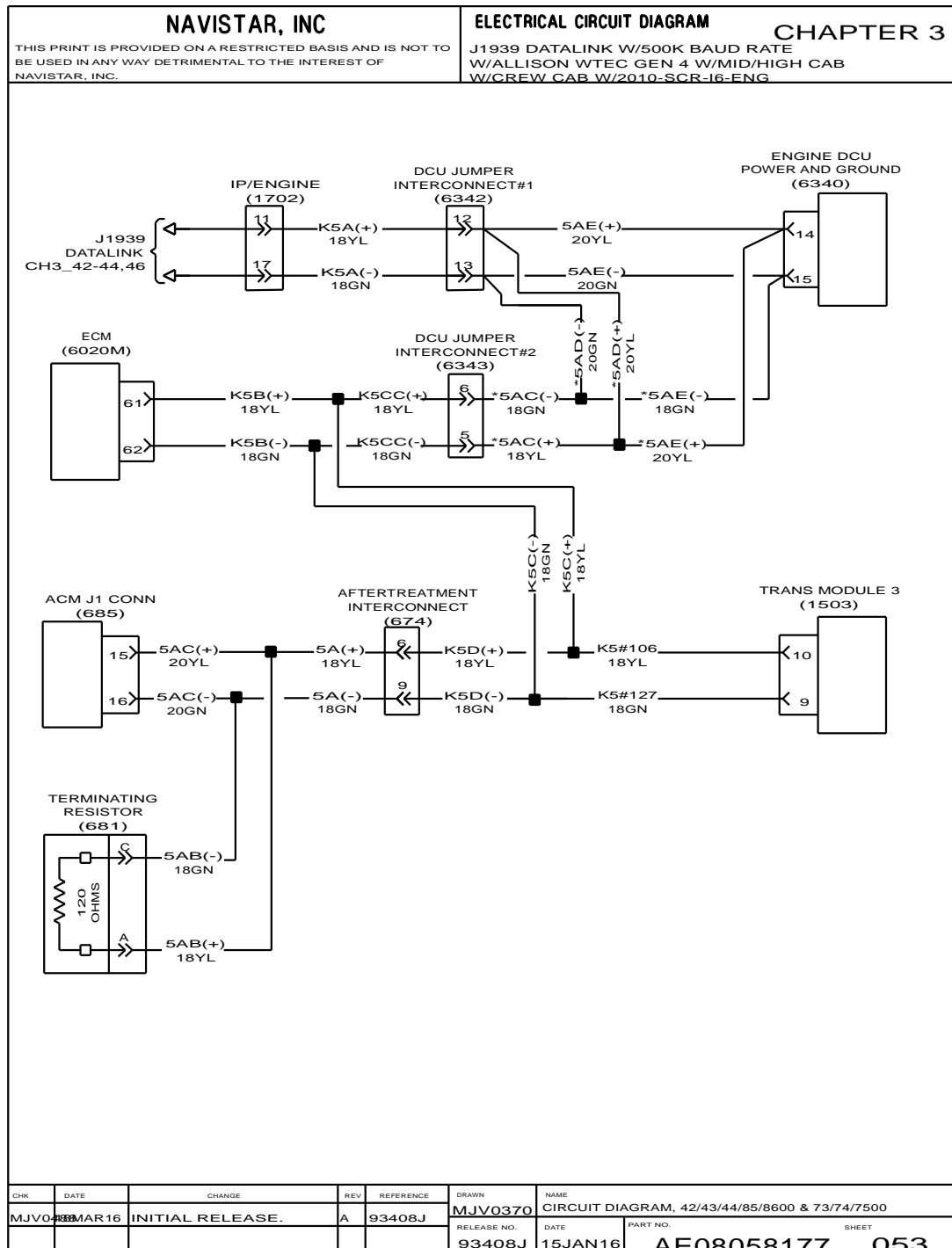


Figure 99 J1939 Data Link with 500K Baud Rate with Allison WTEC Gen 4 with Mid / High Cab with Crew Cab with 2010 SCR I6 Engine

3.88. J1939 DATA LINK WITH 500K BAUD RATE WITH ALLISON TRANSMISSION WITH CUMMINS ISB ENGINE, P. 54

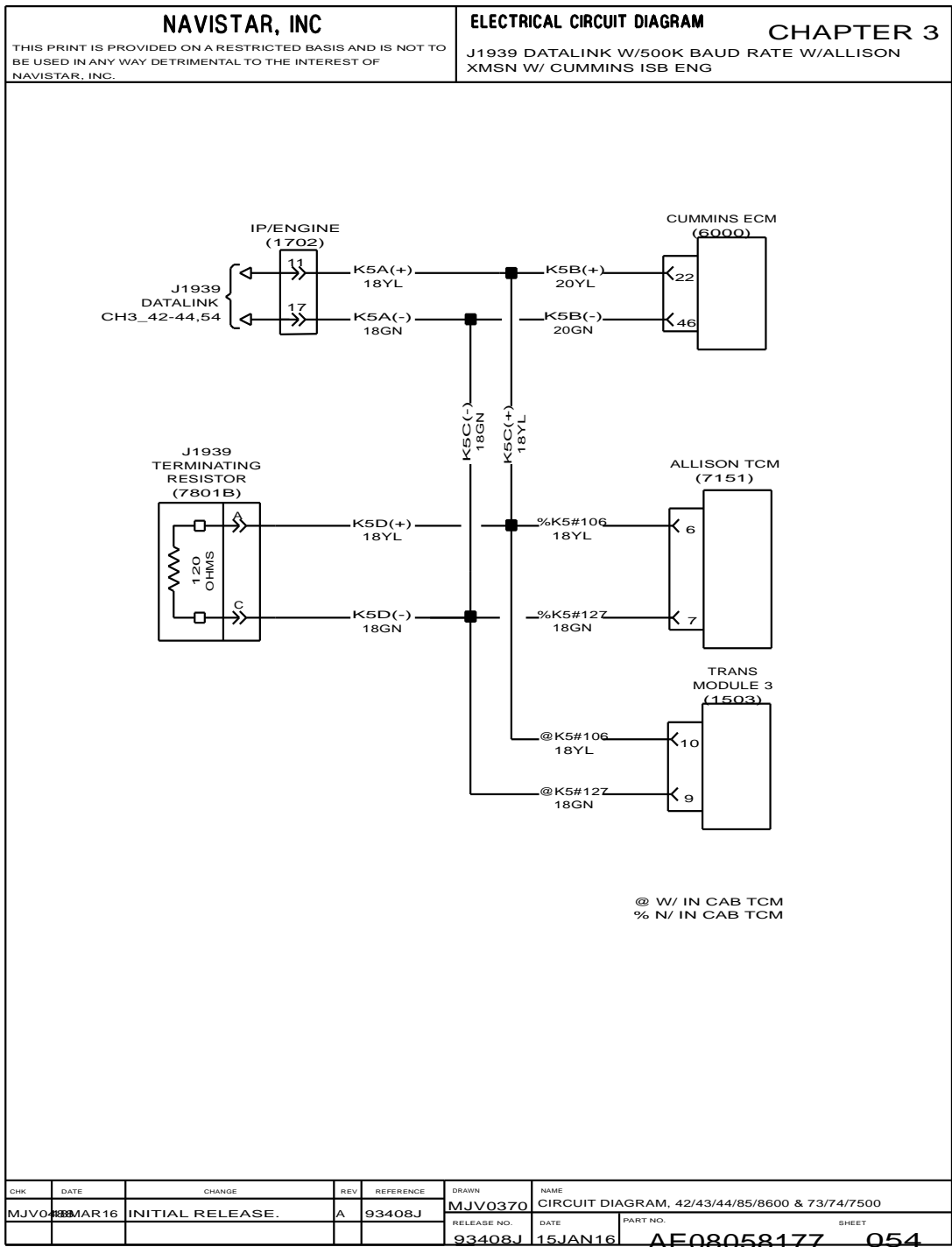


Figure 100 J1939 Data Link with 500K Baud Rate with Allison Transmission with Cummins ISB Engine

3.89. J1939 DATA LINK WITH 500K BAUD RATE WITH ALLISON TRANSMISSION WITH CUMMINS ISB ENGINE (CONT.), P. 55

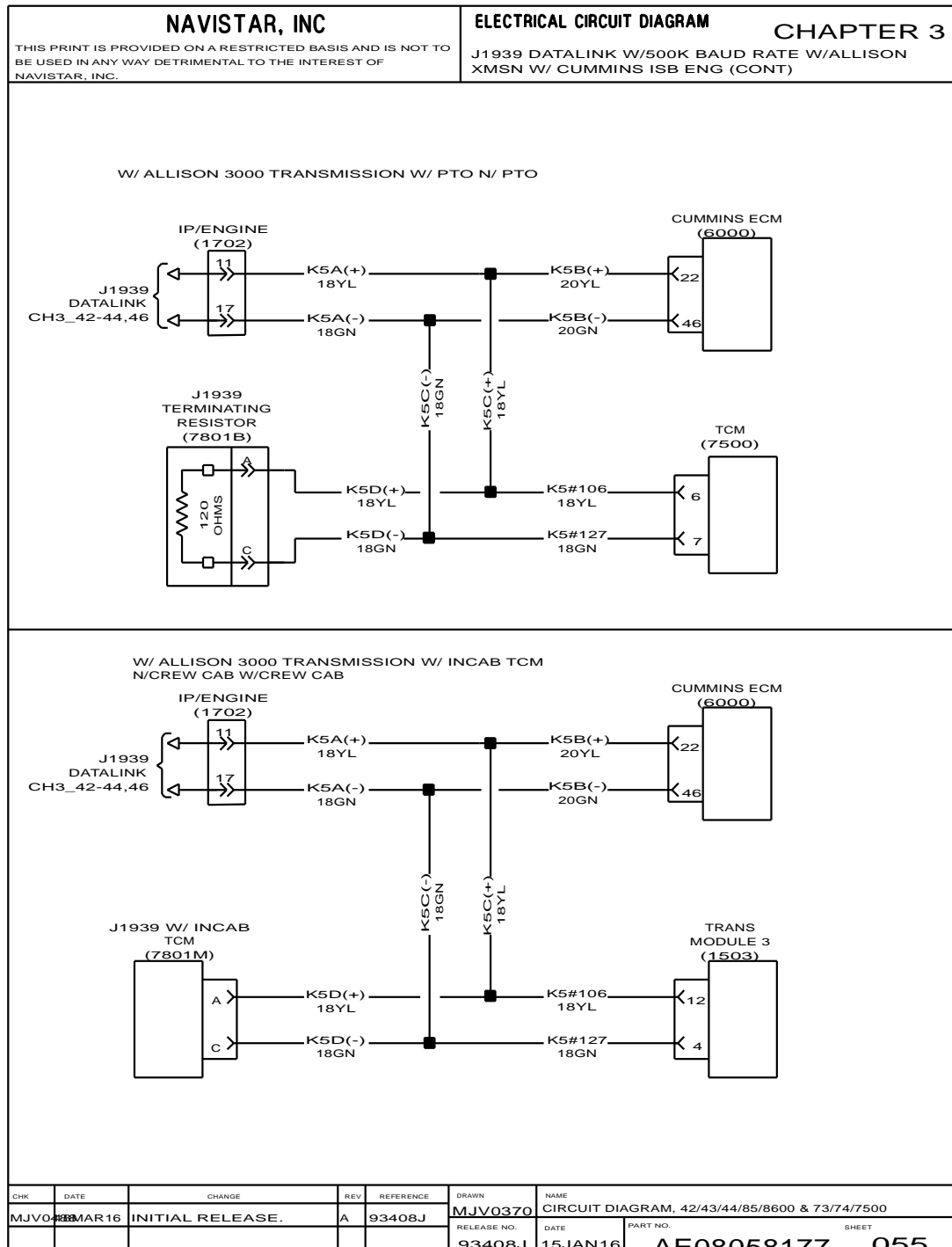


Figure 101 J1939 Data Link with 500K Baud Rate with Allison Transmission with Cummins ISB Engine (Cont.)

3.90. J1939 250K / 500K EATON EPS WITH CUMMINS ISB ENGINE, P. 56

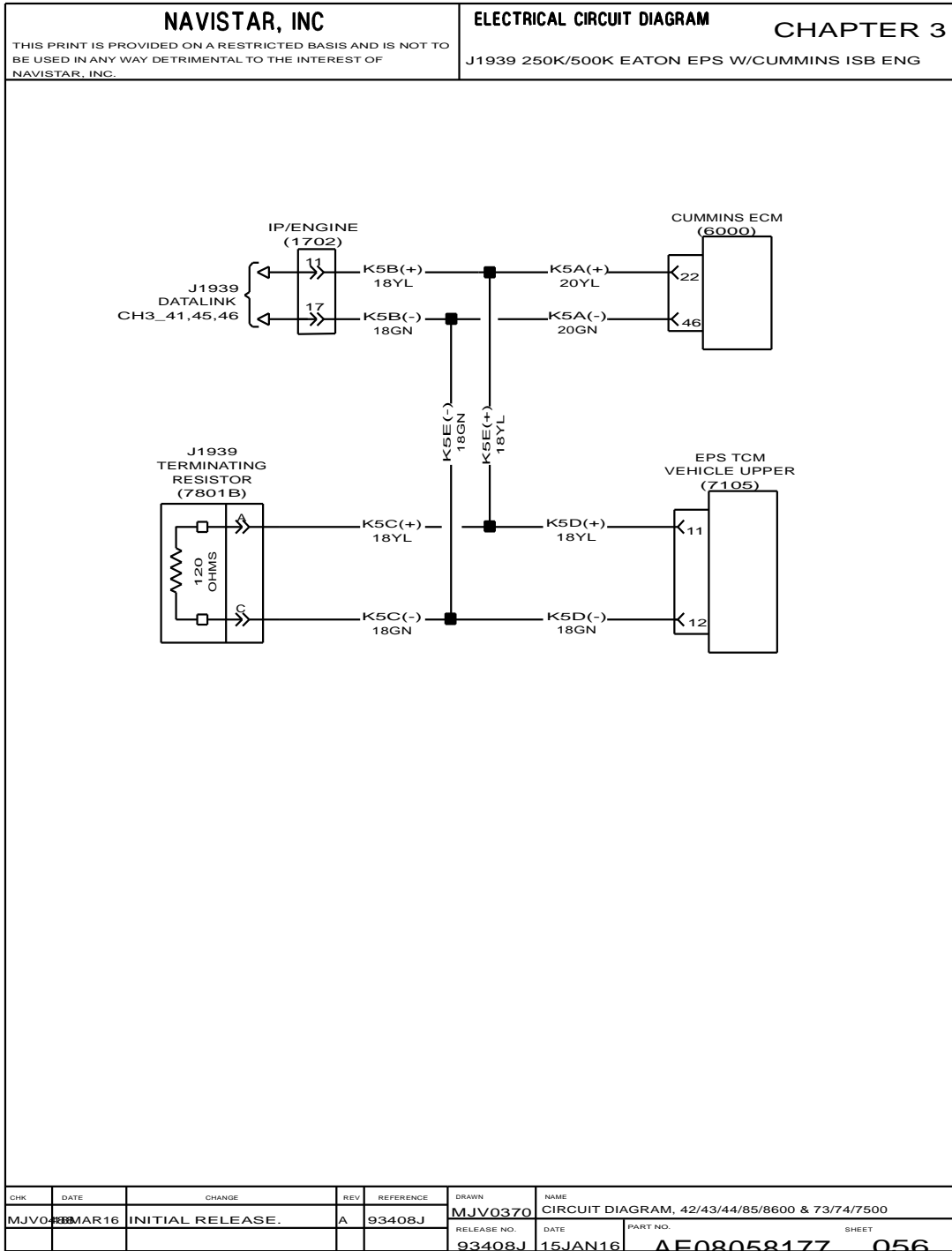


Figure 102 J1939 250K / 500K Eaton EPS with Cummins ISB Engine

3.91. J1939 DATA LINK WITH TRANSTAR, P. 57

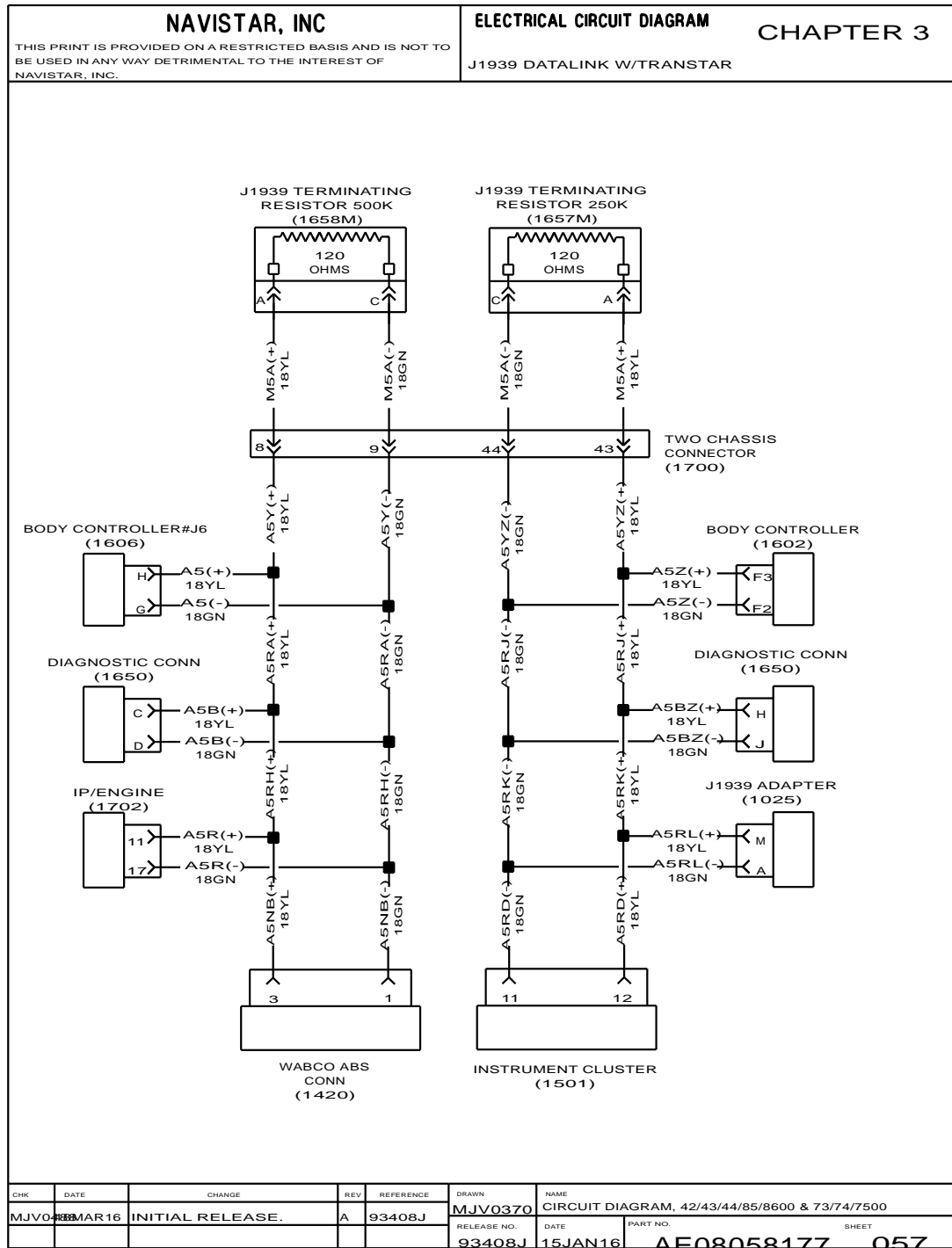


Figure 103 J1939 Data Link with TranStar

3.92. J1939 WITH 500K, MANUAL TRANSMISSION WITH F-2013 – ISL ENGINE, P. 58

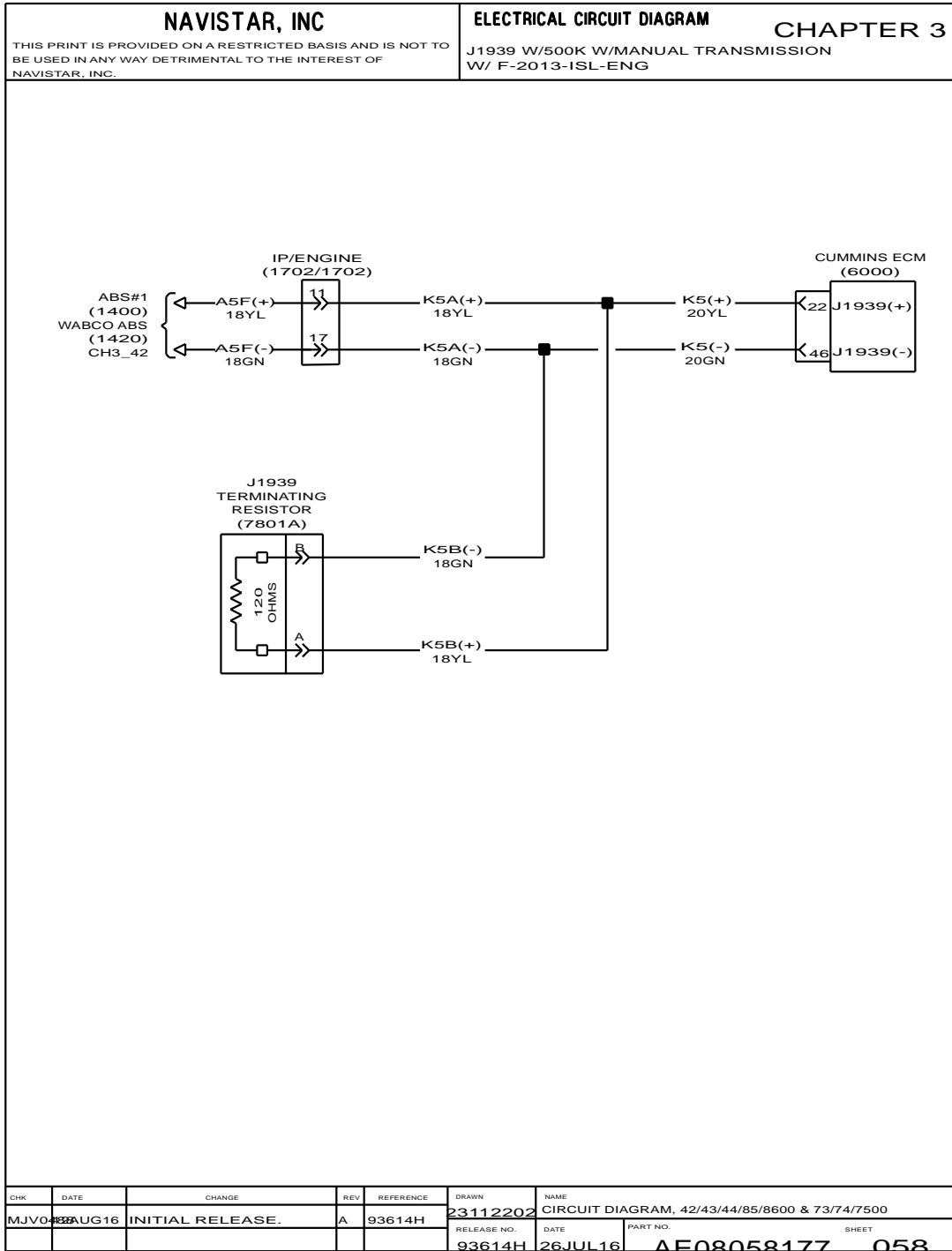


Figure 104 J1939 with 500K, Manual Transmission with F-2013 – ISL Engine

3.93. J1939 WITH 500K, ALLISON 3000 TRANSMISSION IN CAB WITH F-2013 – ISL ENGINE, P. 59

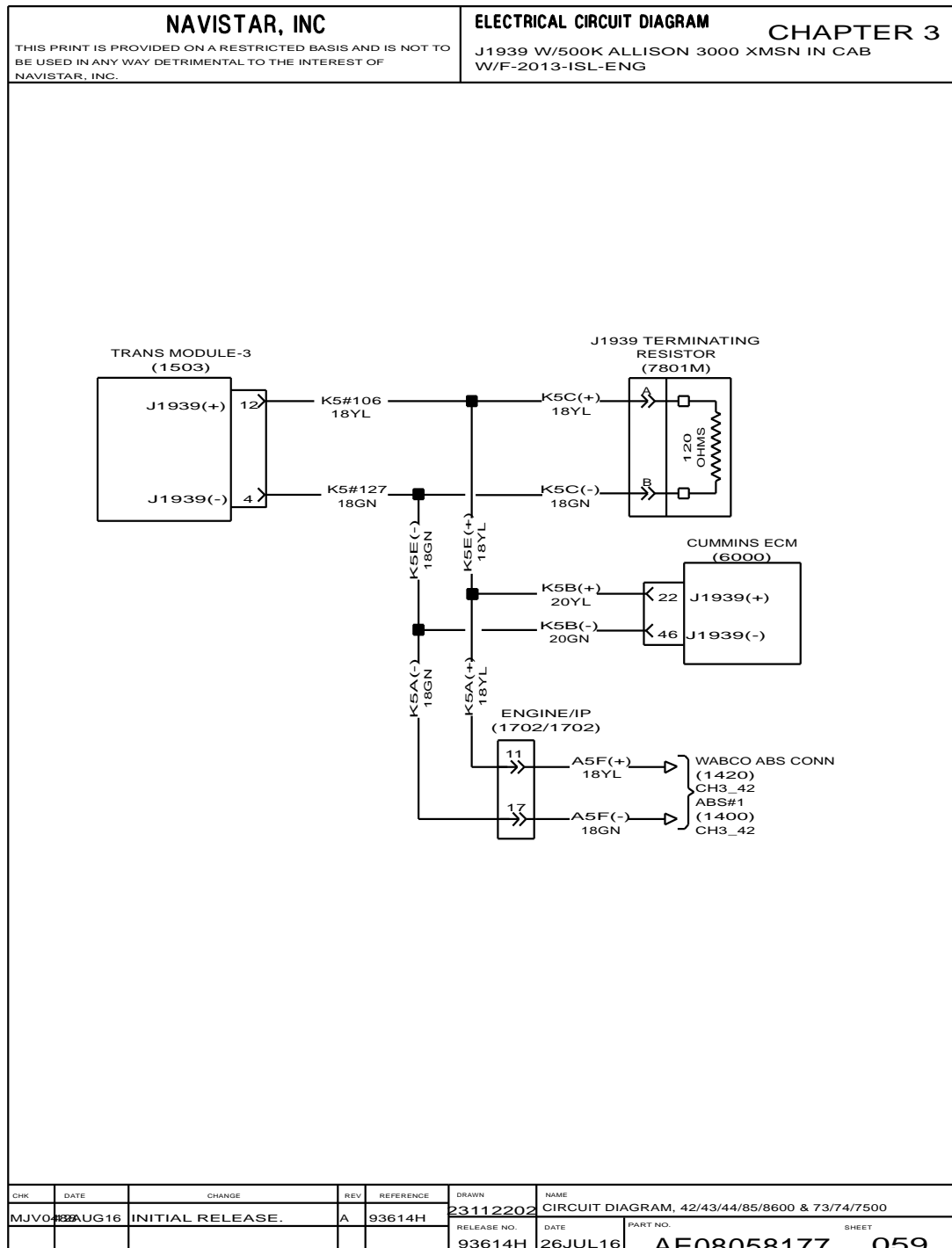


Figure 105 J1939 with 500K, Allison 3000 Transmission in Cab with F-2013 – ISL Engine

3.94. J1939 WITH 500K, ALLISON 3000 TRANSMISSION WITH POWER TAKE-OFF (PTO) F-2013 – ISL ENGINE, P. 60

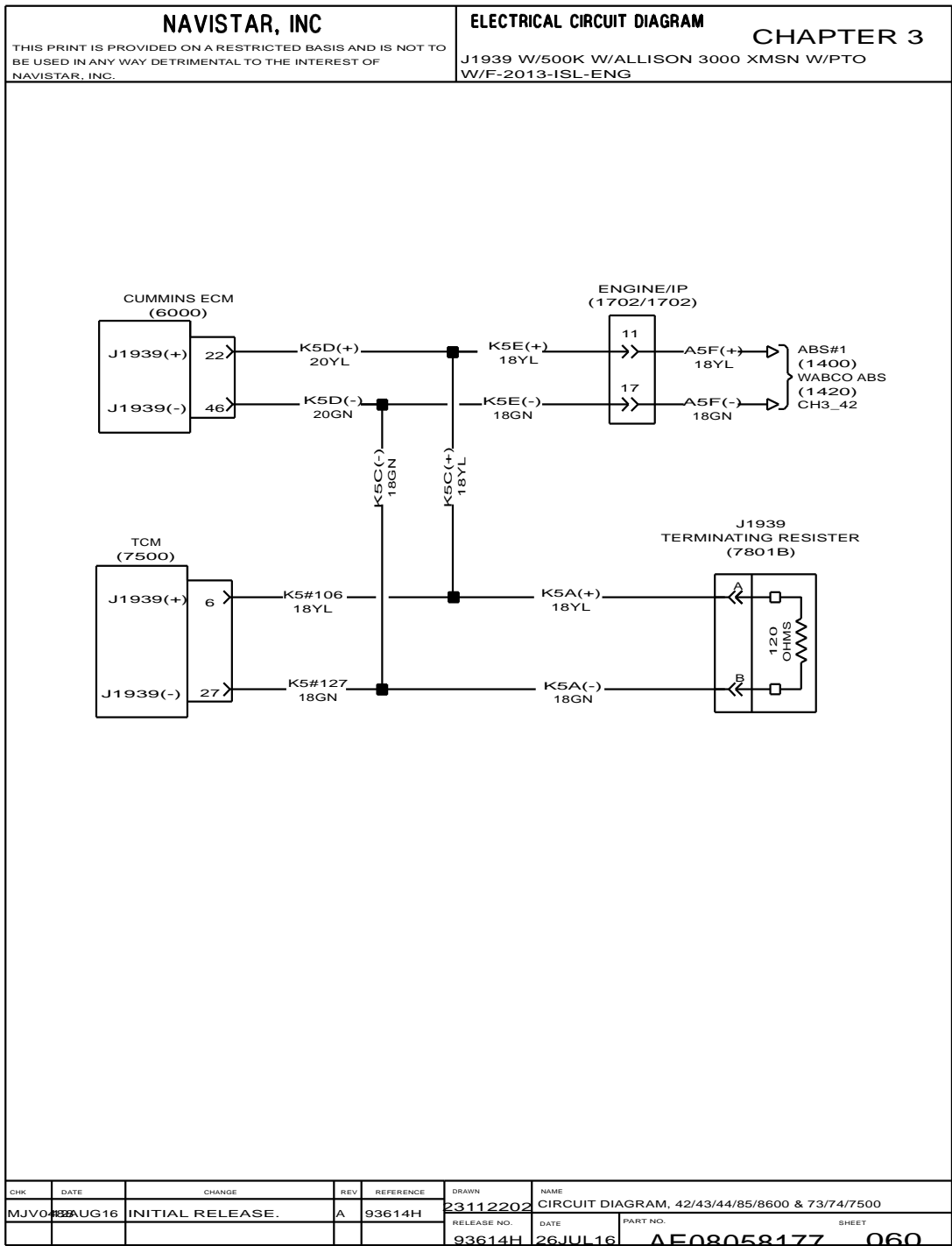


Figure 106 J1939 with 500K, Allison 3000 Transmission with Power Take-Off (PTO) F-2013 – ISL Engine

3.95. GROUND ENGINE WITH F-2013 – ISL ENGINE, P. 61

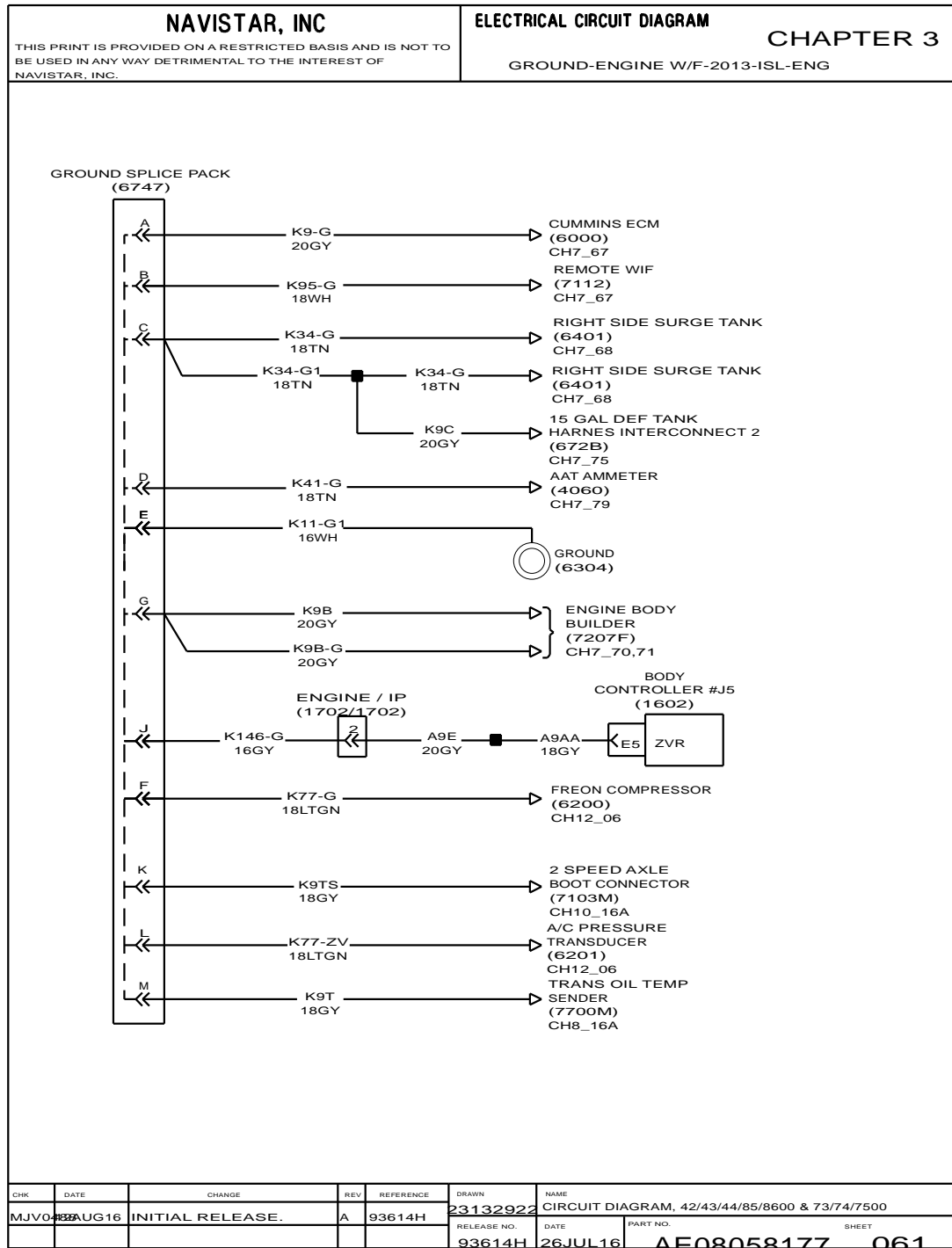


Figure 107 Ground Engine with F-2013 – ISL Engine

3.96. GROUND ENGINE WITH F-2013-ISL ENGINE (CONT.), P. 62

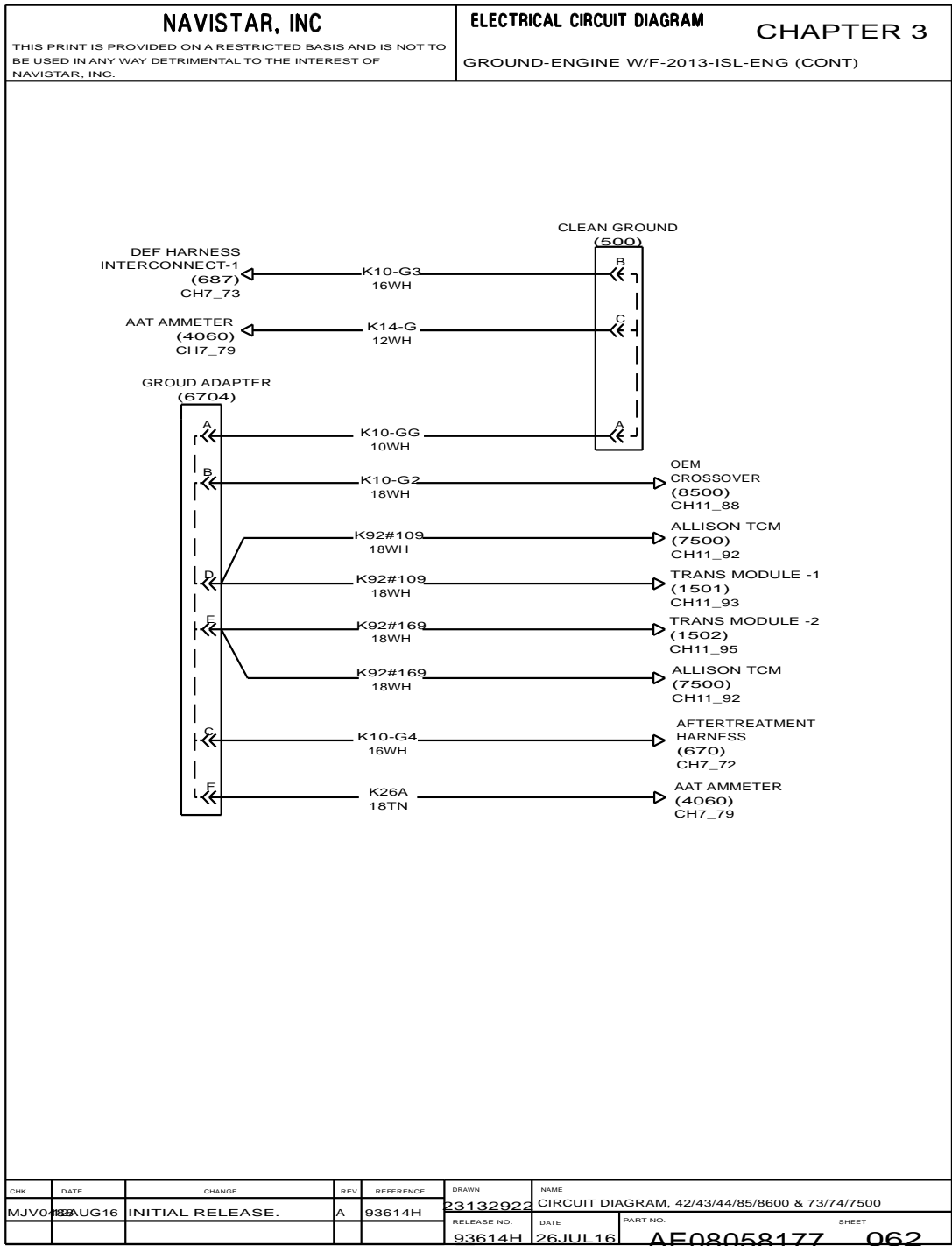


Figure 108 Ground Engine with F-2013-ISL Engine (Cont.)

3.97. J1939 DATA LINK WITH MANUAL TRANSMISSION WITH F-2017-ISB ENGINE, P. 63

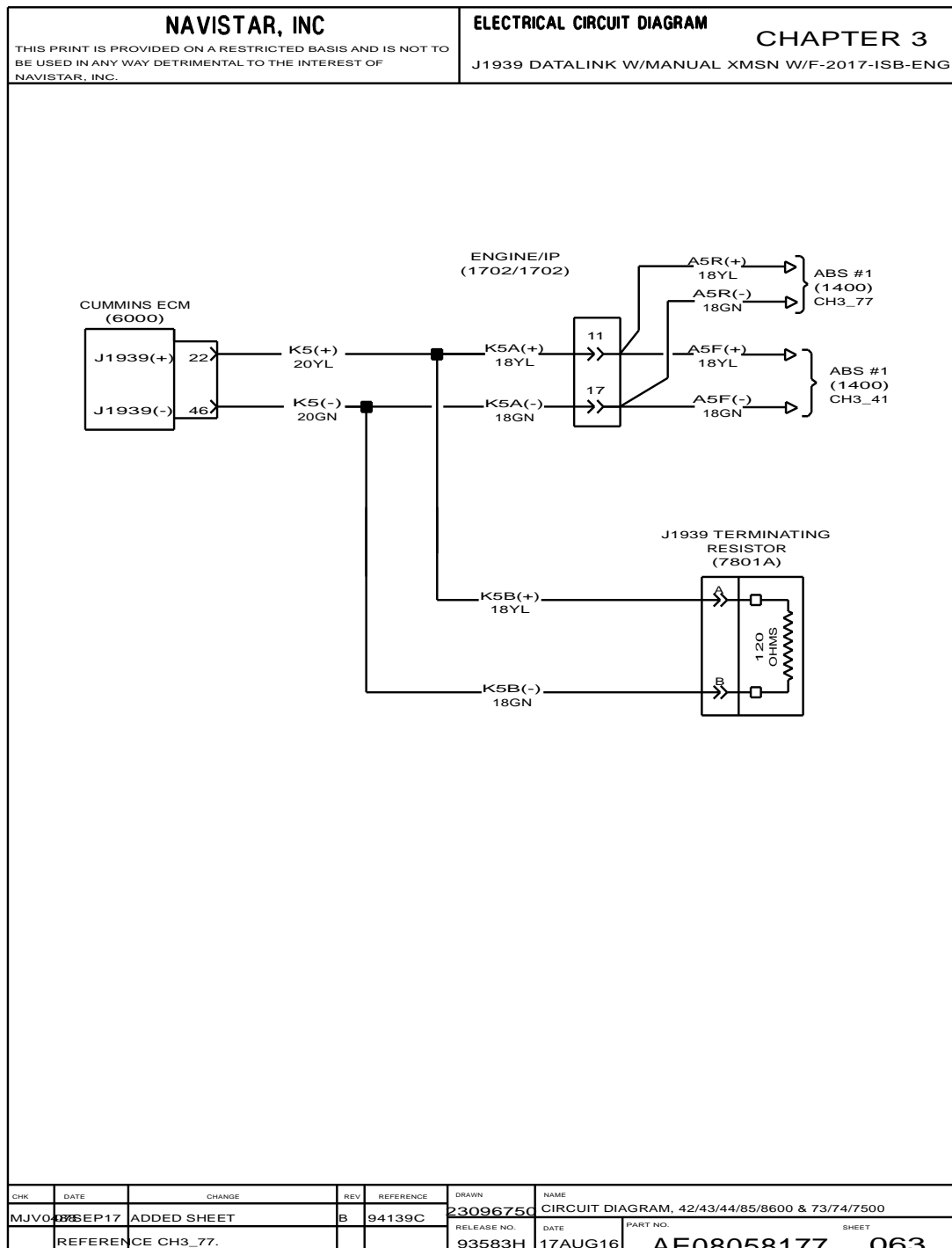


Figure 109 J1939 Data Link with Manual Transmission with F-2017-ISB Engine

3.98. J1939 DATA LINK WITH EATON ULTRASHIFT TRANSMISSION WITH M-NGV-MD WITH F-2017-ISB ENGINE, P. 64

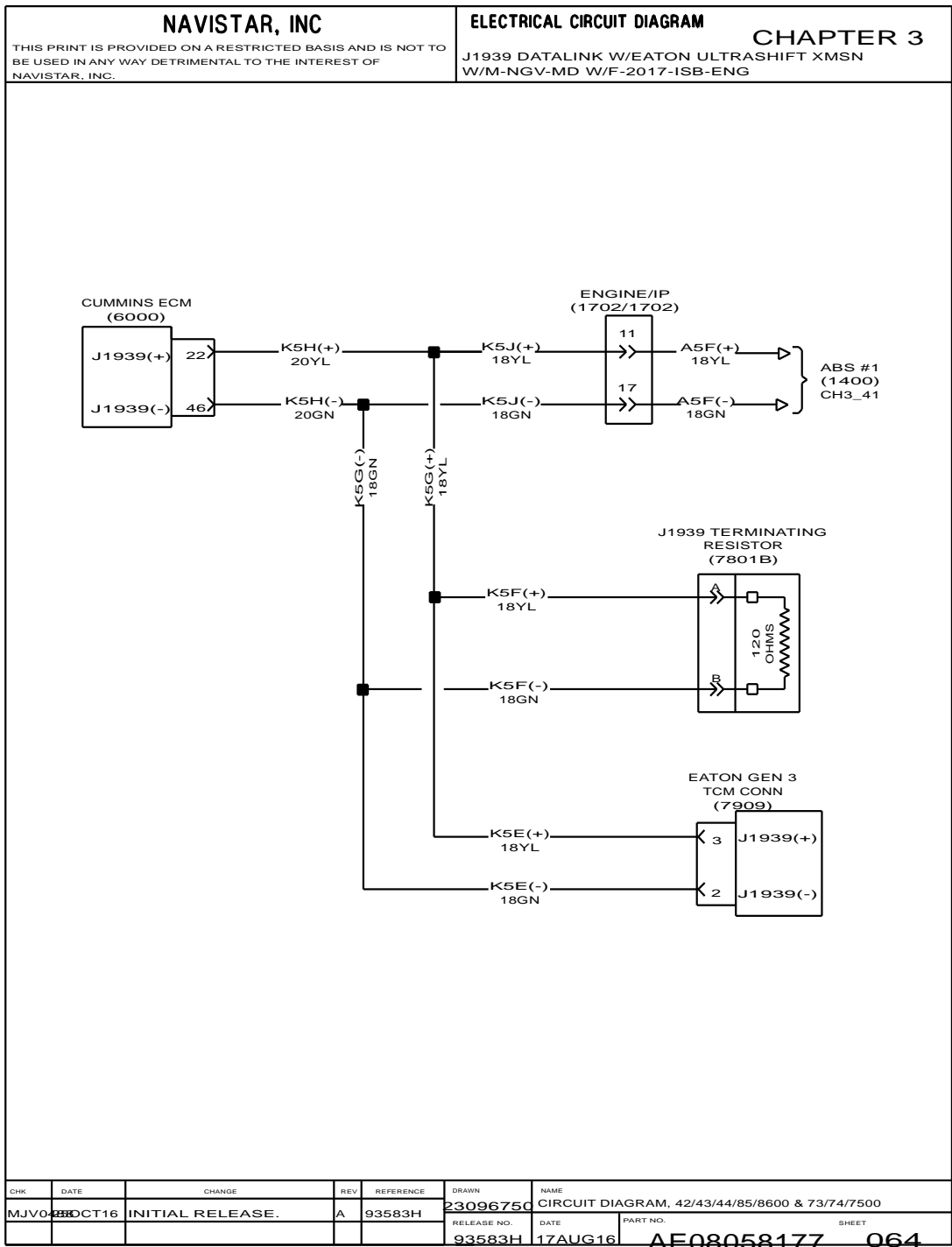


Figure 110 J1939 Data Link with Eaton Ultrashift Transmission with M-NGV-MD with F-2017 ISB Engine

3.99. J1939 DATA LINK WITH ALLISON 1 / 2000 TRANSMISSION WITH IN-CAB TCM WITH F-2017-ISB ENGINE, P. 65

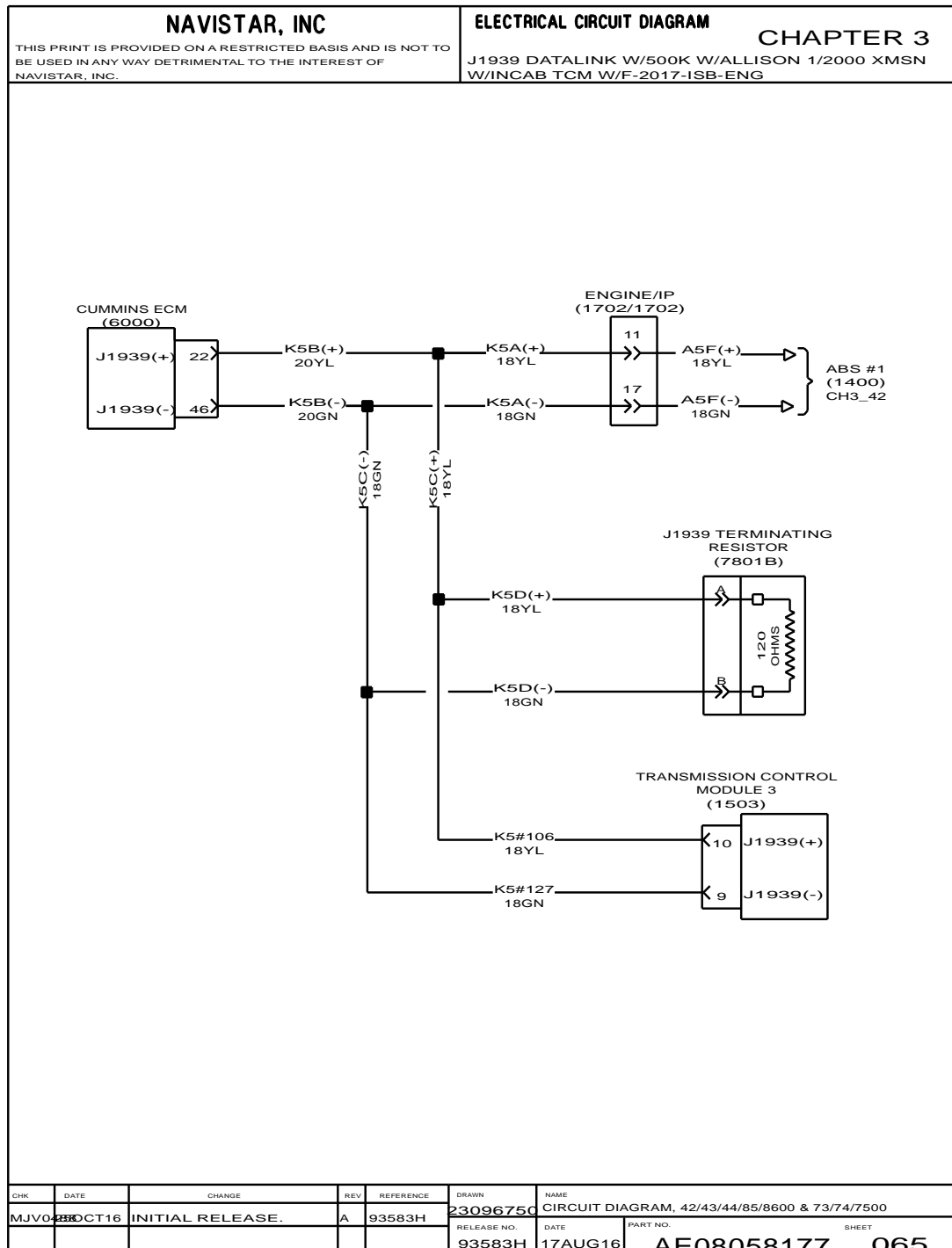


Figure 111 J1939 Data Link with Allison 1 / 2000 Transmission with In-Cab TCM with F-2017-ISB Engine

3.100. J1939 DATA LINK WITH ALLISON 1 / 2000 TRANSMISSION WITHOUT IN-CAB TCM WITH F-2017-ISB ENGINE, P. 66

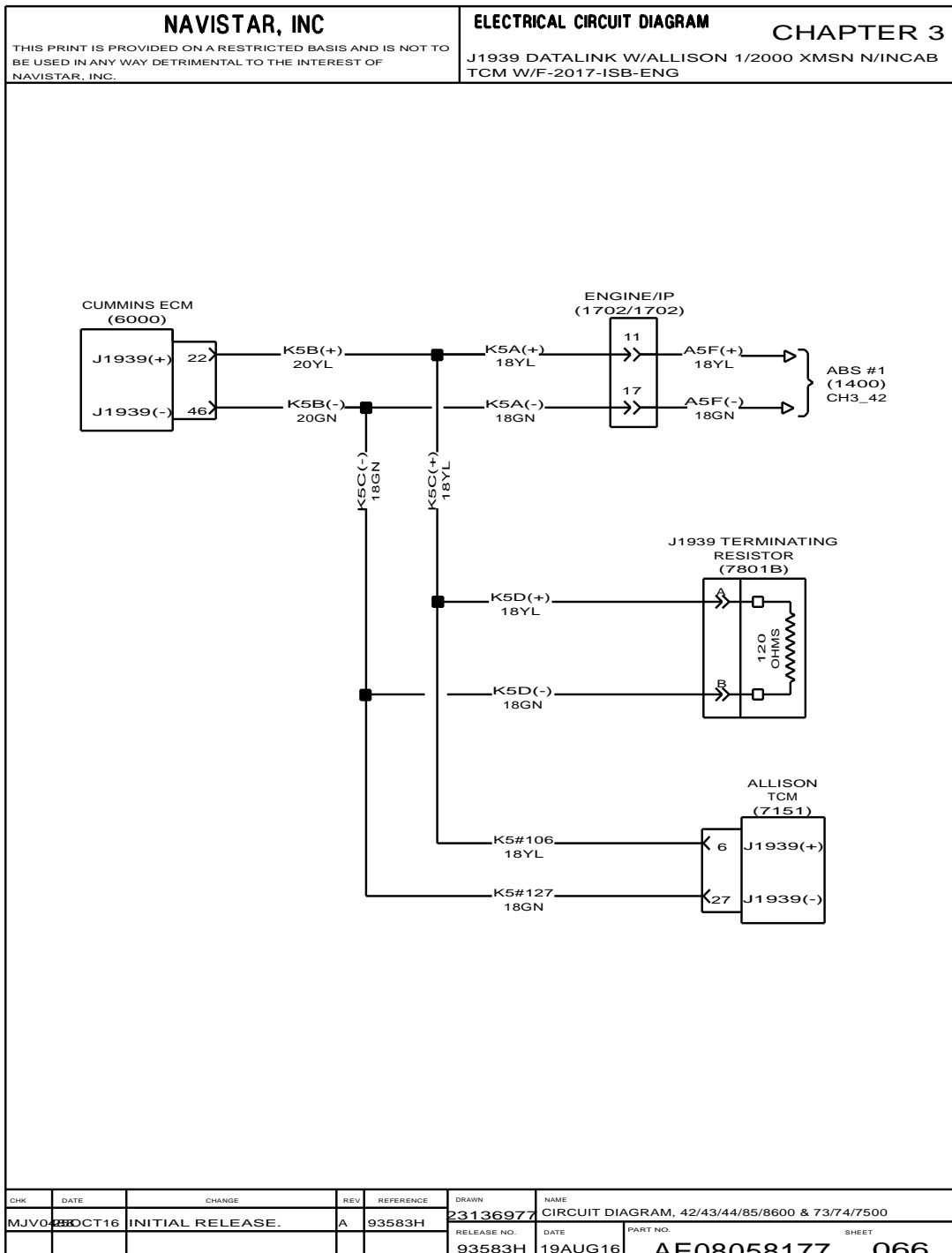


Figure 112 J1939 Data Link with Allison 1 / 2000 Transmission without In-Cab TCM with F-2017-ISB Engine

3.101. J1939 DATA LINK WITH 500K WITH ALLISON 3000 TRANSMISSION WITHOUT IN-CAB TCM WITH F-2017-ISB ENGINE, P. 67

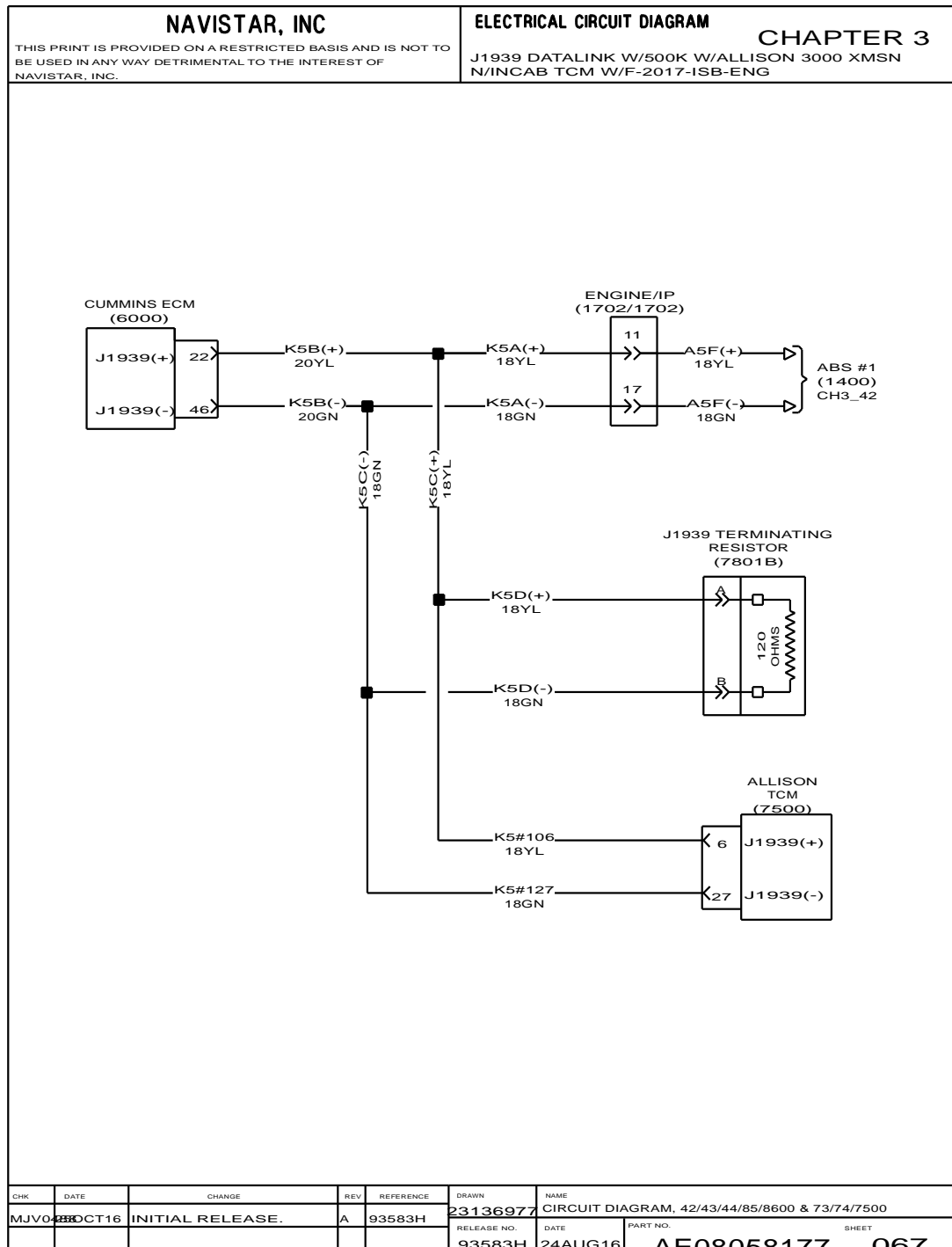


Figure 113 J1939 Data Link with 500K with Allison 3000 Transmission without In-Cab TCM with F-2017-ISB Engine

3.102. J1939 DATA LINK WITH 500K WITH ALLISON 3000 TRANSMISSION WITH IN-CAB TCM WITH F-2017-ISB ENGINE, P. 68

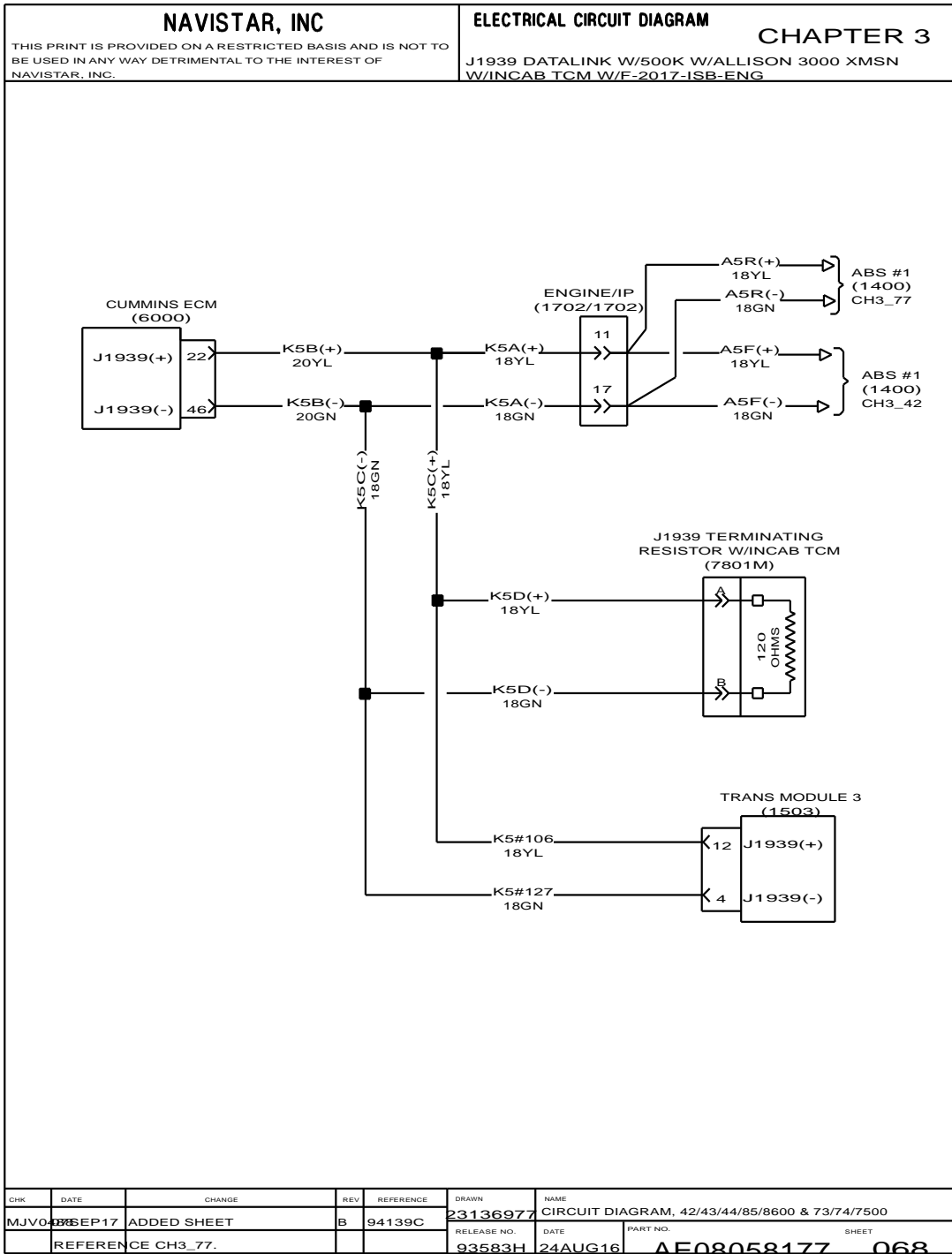


Figure 114 J1939 Data Link with 500K with Allison 3000 Transmission with In-Cab TCM with F-2017-ISB Engine

3.103. J1939 DATA LINK WITH 500K WITH EATON PROCISION TRANSMISSION WITH M-NGV-MD WITH F-2017-ISB ENGINE, P. 69

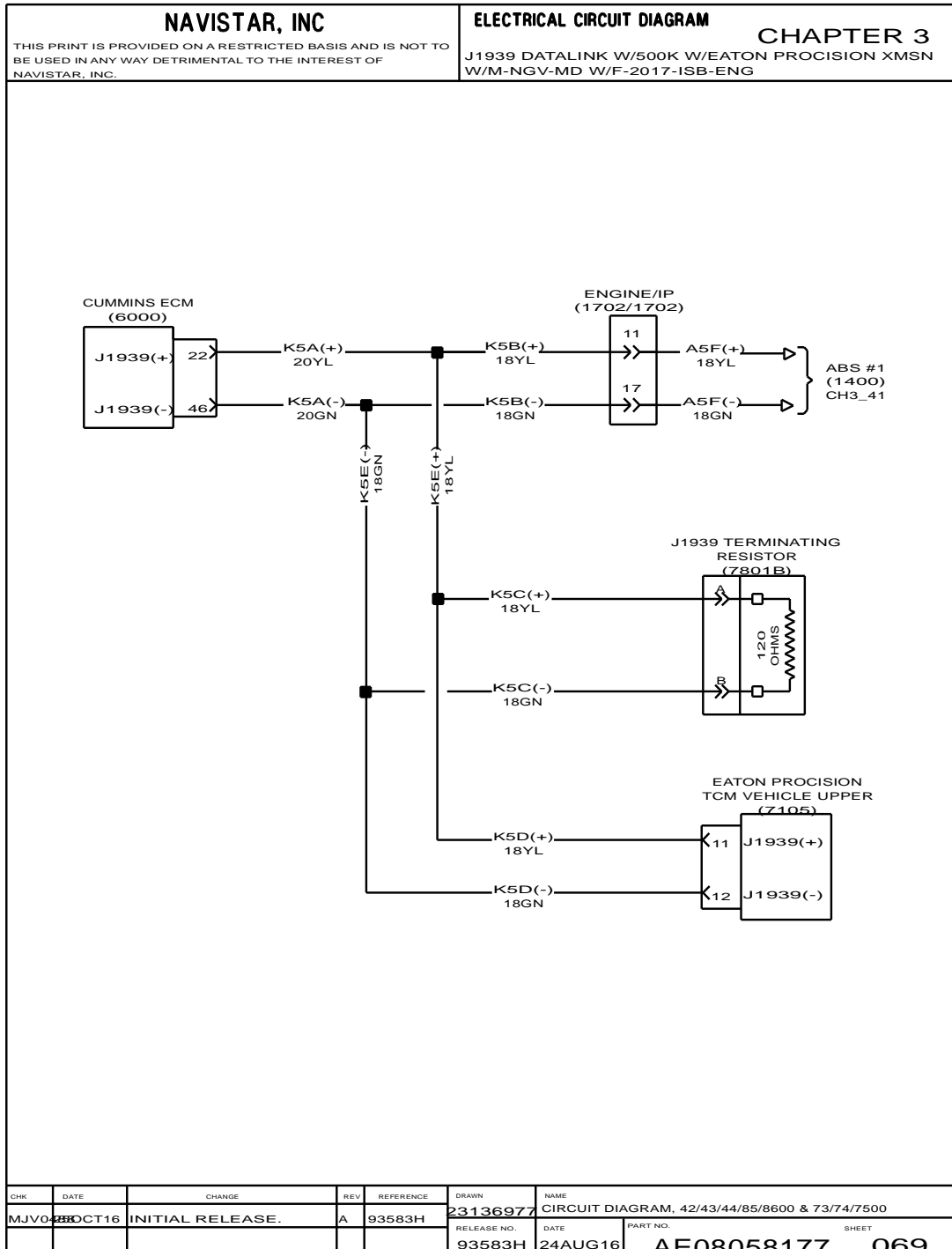


Figure 115 J1939 Data Link with 500K with Eaton Procision Transmission with M-NGV-MD with F-2017-ISB Engine

3.104. GROUND – ENGINE WITH F-2017-ISB ENGINE, P. 70

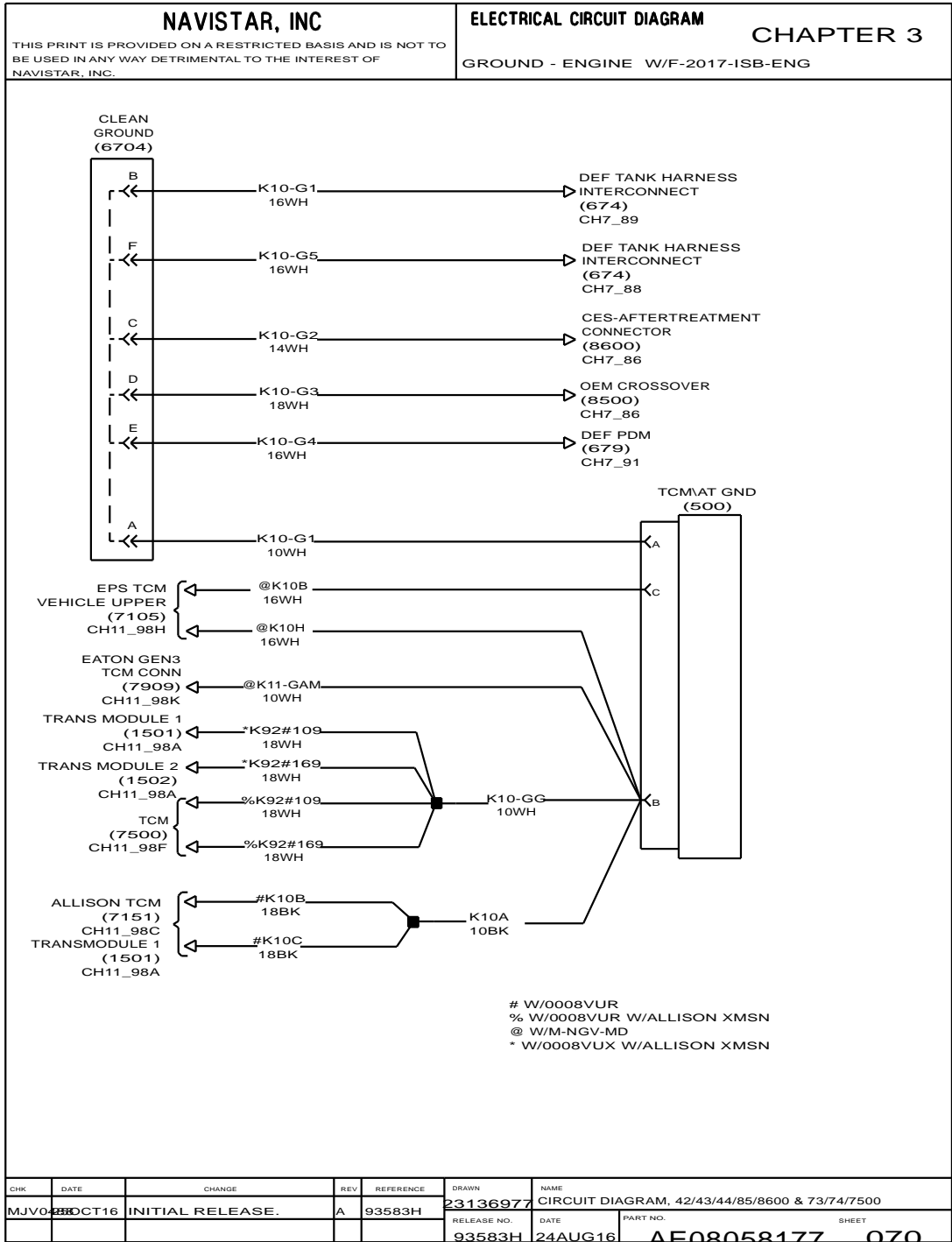


Figure 116 Ground – Engine with F-2017-ISB Engine

3.105. GROUND – ECM SENSOR RETURN WITH F-2017-ISB ENGINE, P. 71

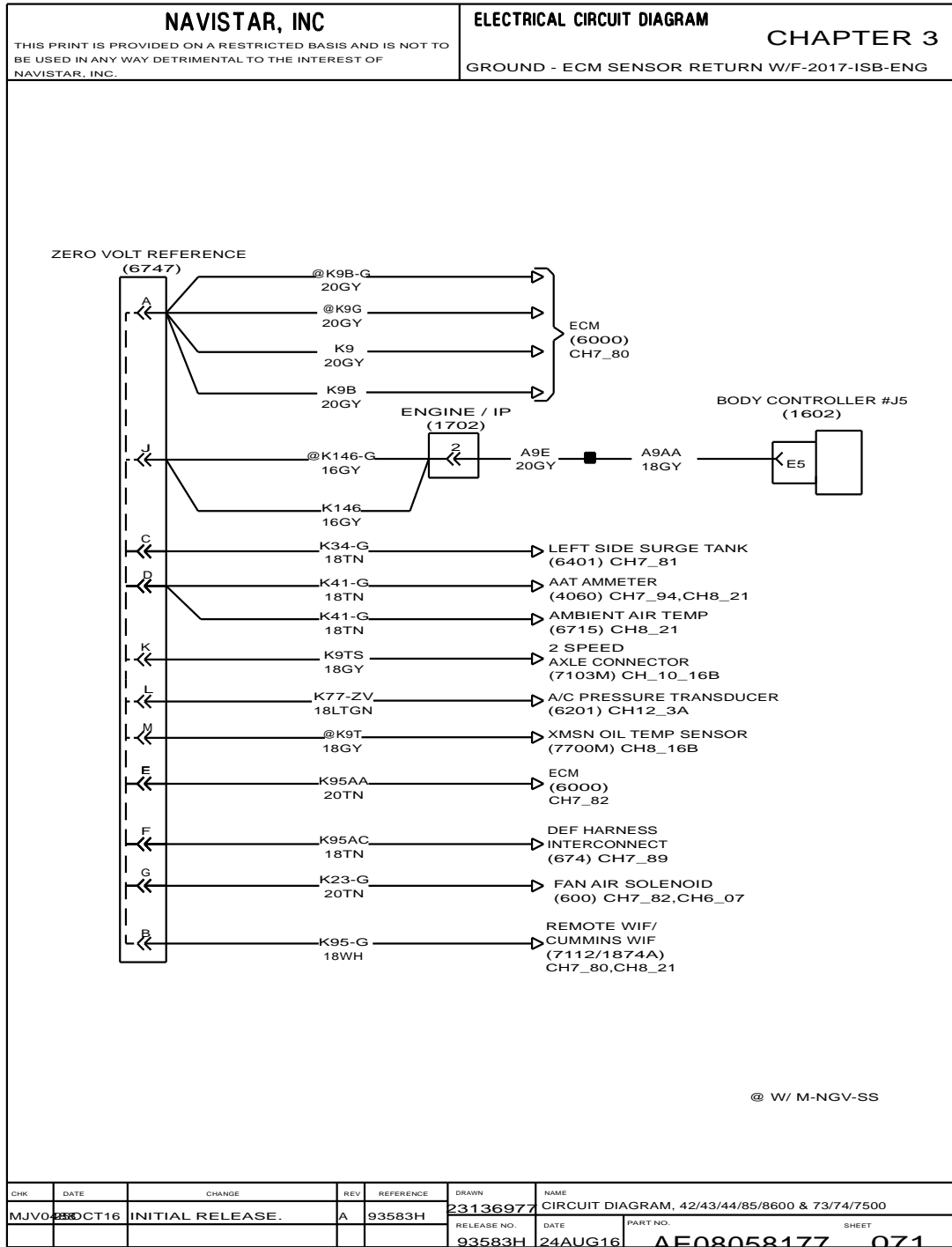


Figure 117 Ground – ECM Sensor Return with F-2017-ISB Engine

3.106. J1939 DATA LINK WITH 500K WITH MANUAL TRANSMISSION WITH F-2017-ISL ENGINE, P. 72

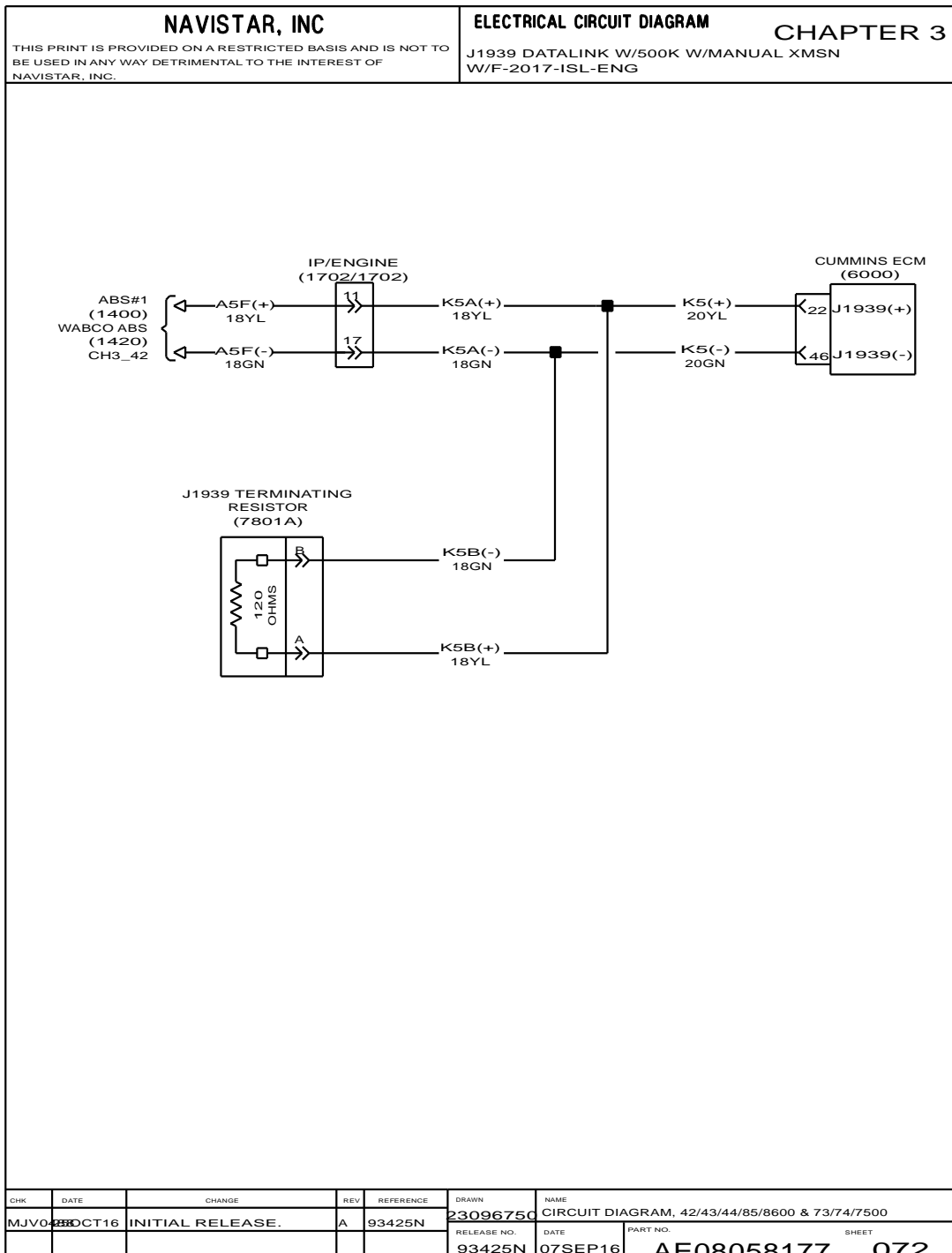


Figure 118 J1939 Data Link with 500K with Manual Transmission with F-2017-ISL Engine

3.107. J1939 DATA LINK WITH 500K WITH ALLISON 3000 TRANSMISSION WITH IN-CAB TCM WITH F-2017-ISL ENGINE, P. 73

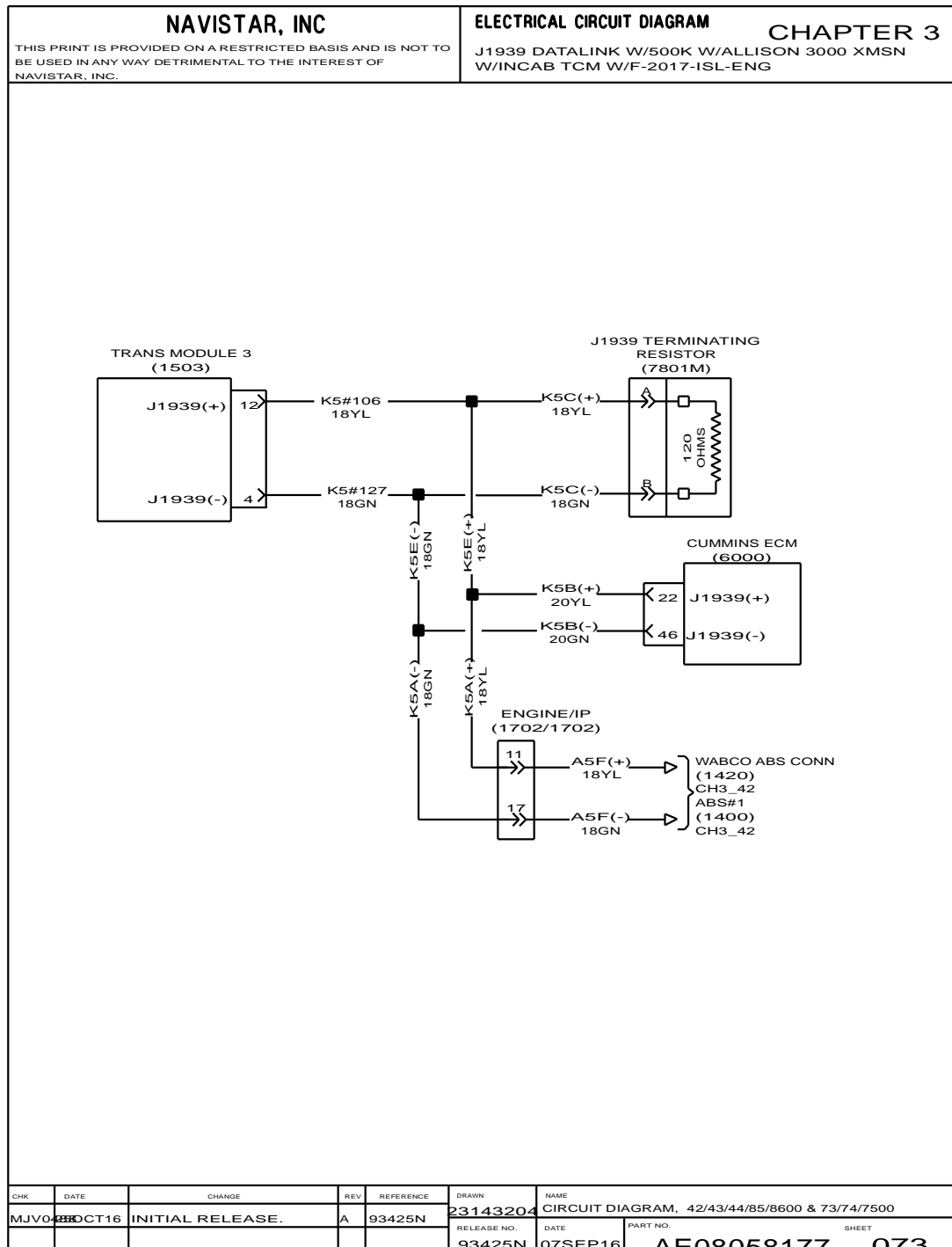


Figure 119 J1939 Data Link with 500K with Allison 3000 Transmission with In-Cab TCM with F-2017-ISL Engine

3.108. J1939 WITH 500K WITH ALLISON 3000 TRANSMISSION WITH PTO WITHOUT IN-CAB TCM WITH F-2017-ISL ENGINE, P. 74

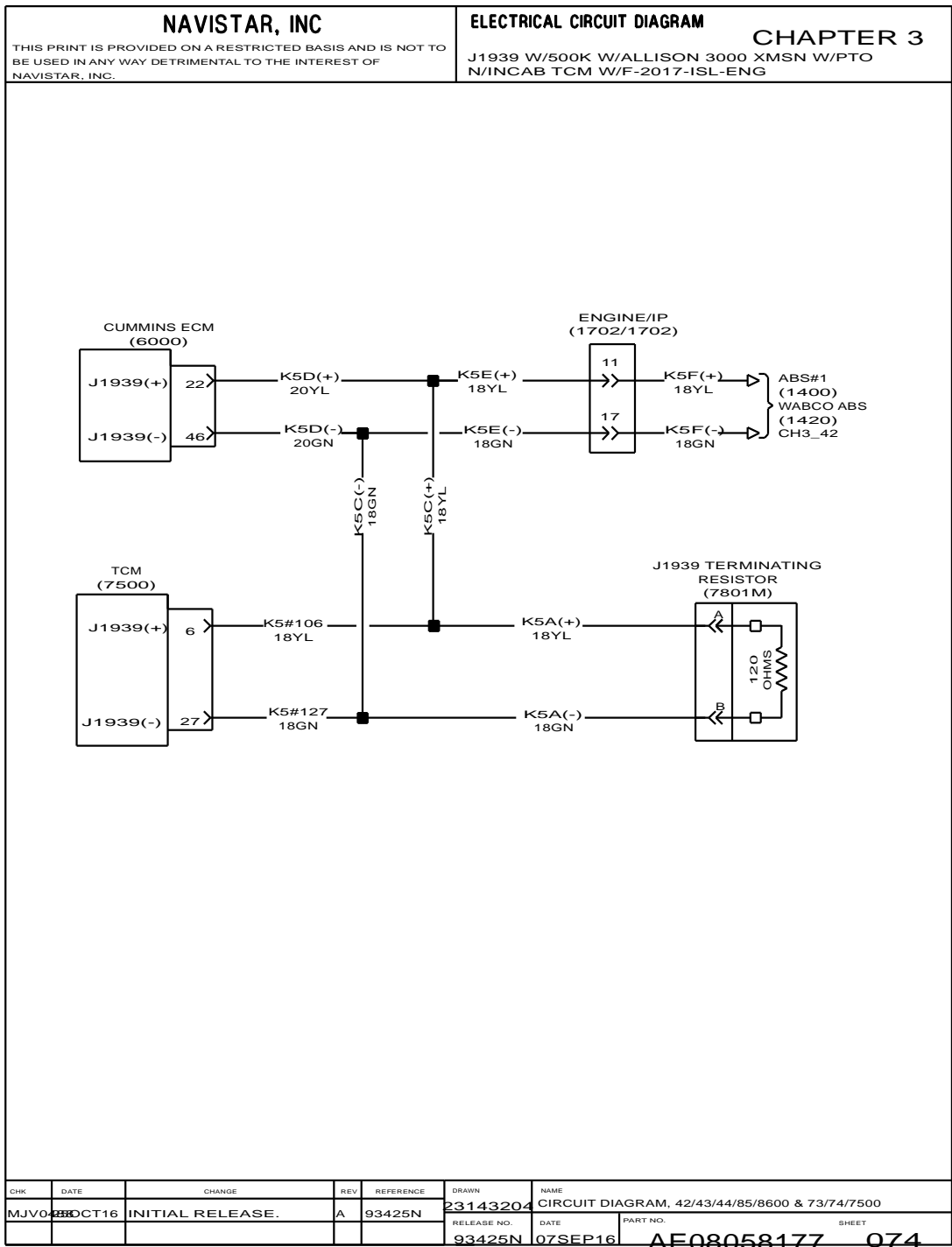


Figure 120 J1939 with 500K with Allison 3000 Transmission with PTO without In-Cab TCM with F-2017-ISL Engine

3.109. GROUND ENGINE WITH F-2017-ISL ENGINE, P. 75

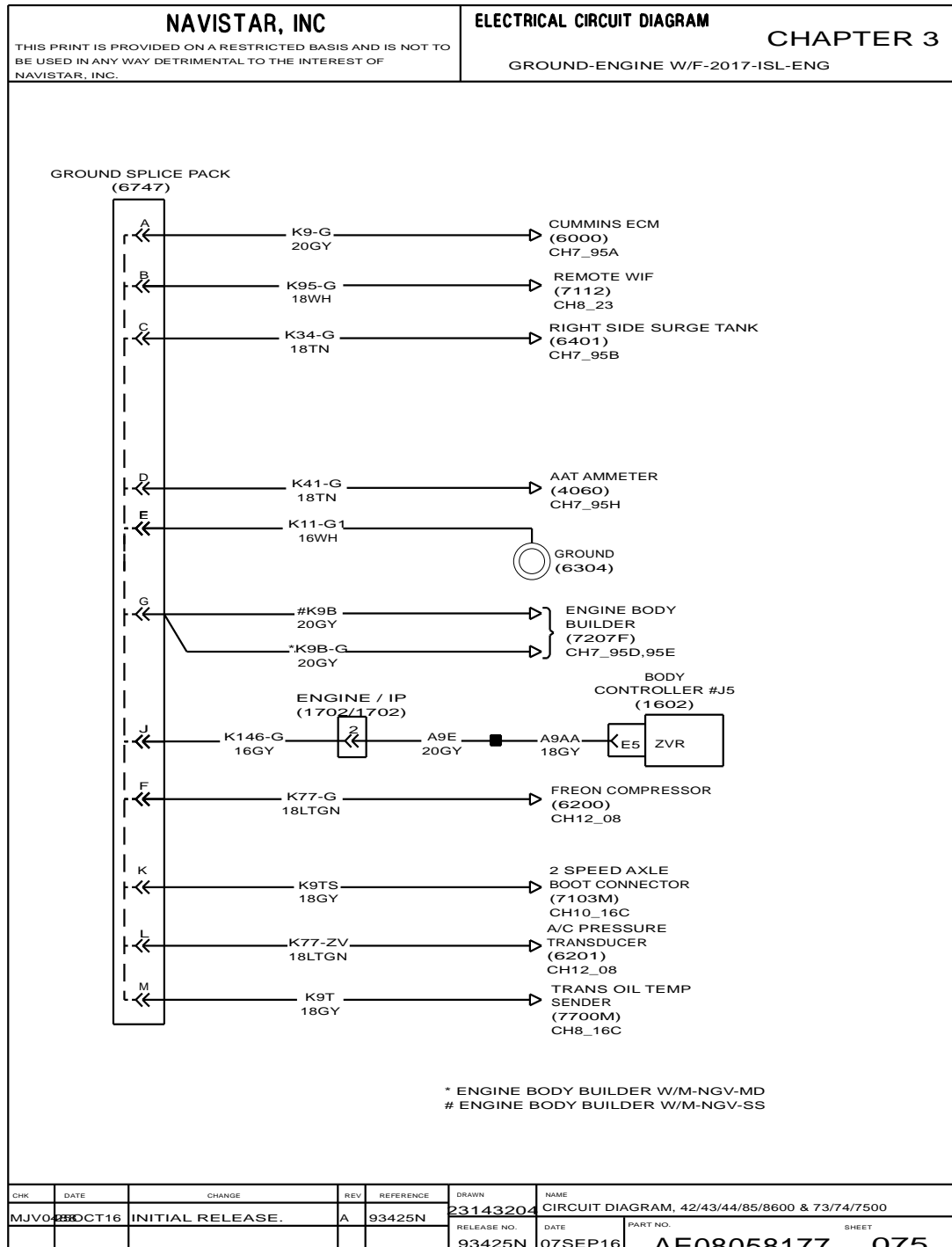


Figure 121 Ground Engine with F-2017-ISL Engine

3.110. GROUND ENGINE WITH F-2017-ISL ENGINE (CONT.), P. 76

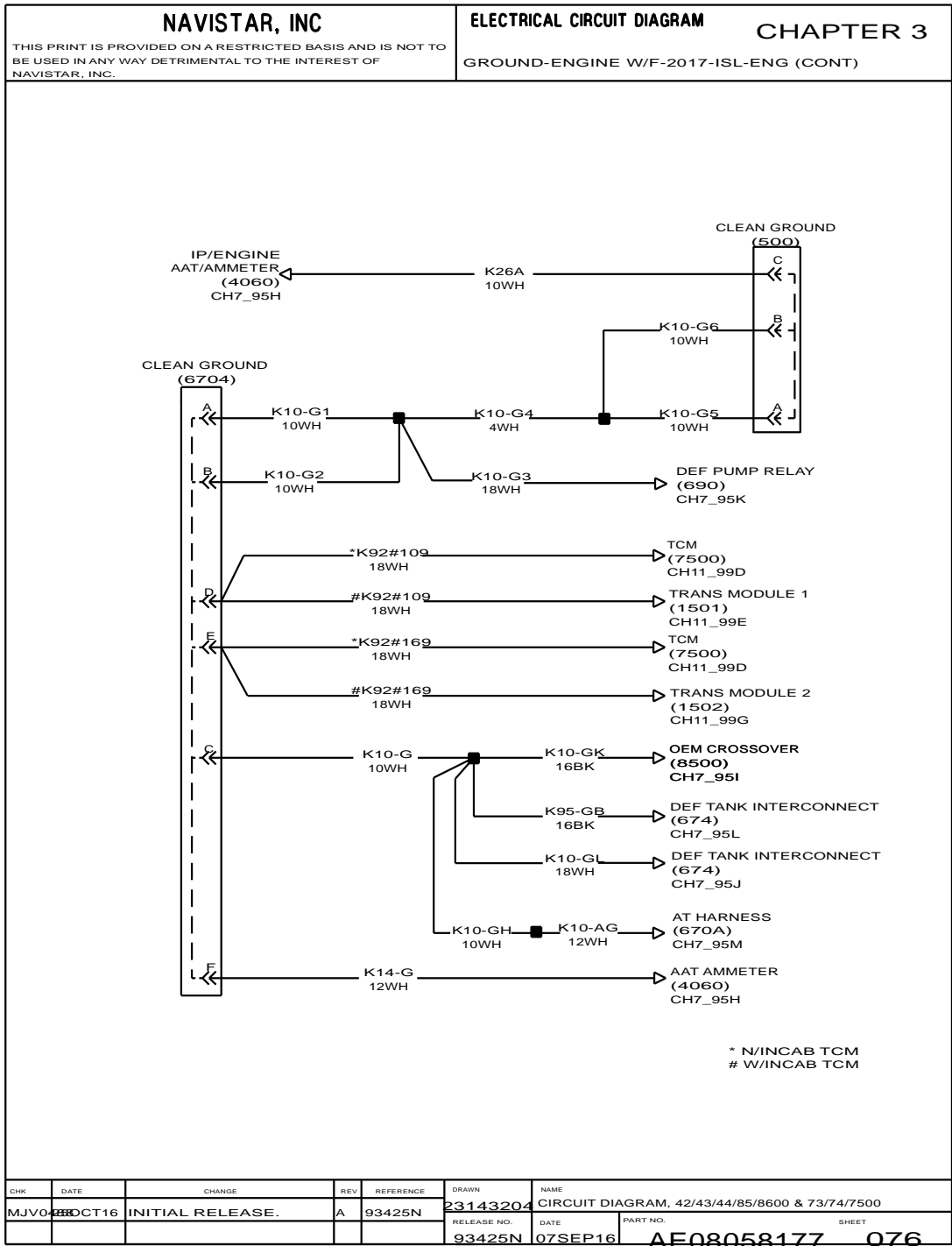


Figure 122 Ground Engine with F-2017-ISL Engine (Cont.)

3.111. J1939 DATA LINK WITH BENDIX FUSION, P. 77

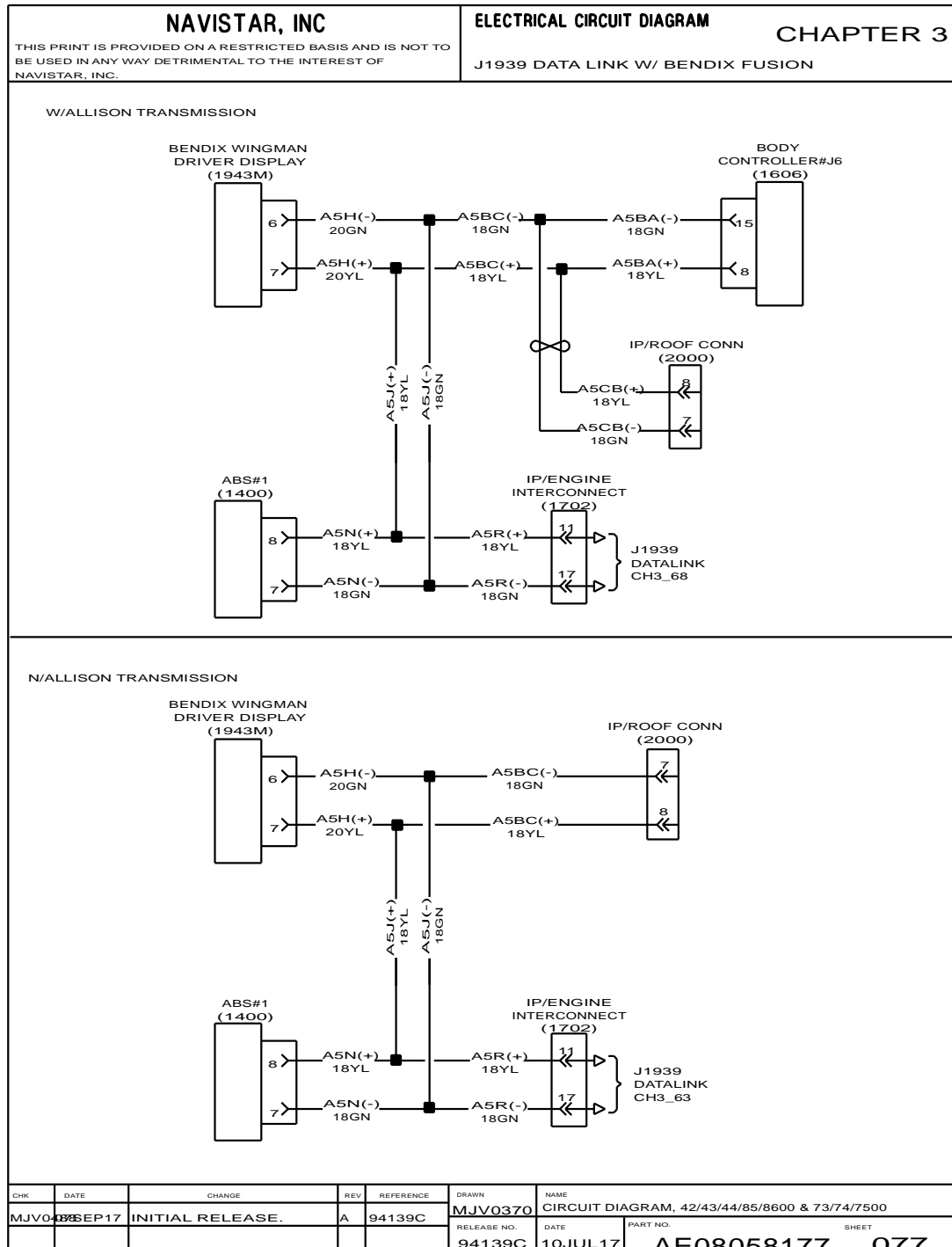


Figure 123 J1939 Data Link with Bendix Fusion

CAB ACCESSORIES (CHAPTER 4)

4.1. CIGAR LIGHTER AND POWER FEED, P. 1

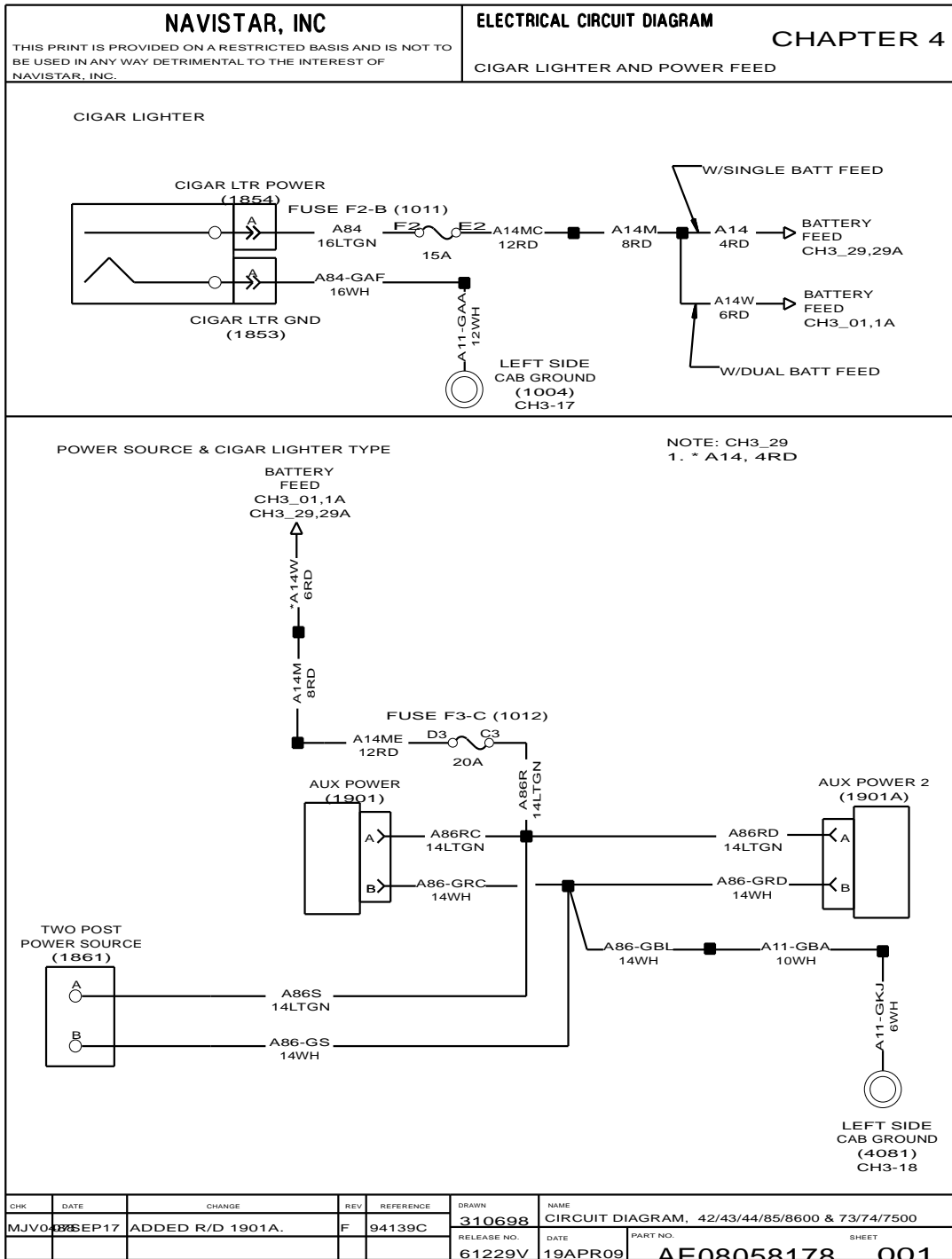


Figure 124 Cigar Lighter and Power Feed

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

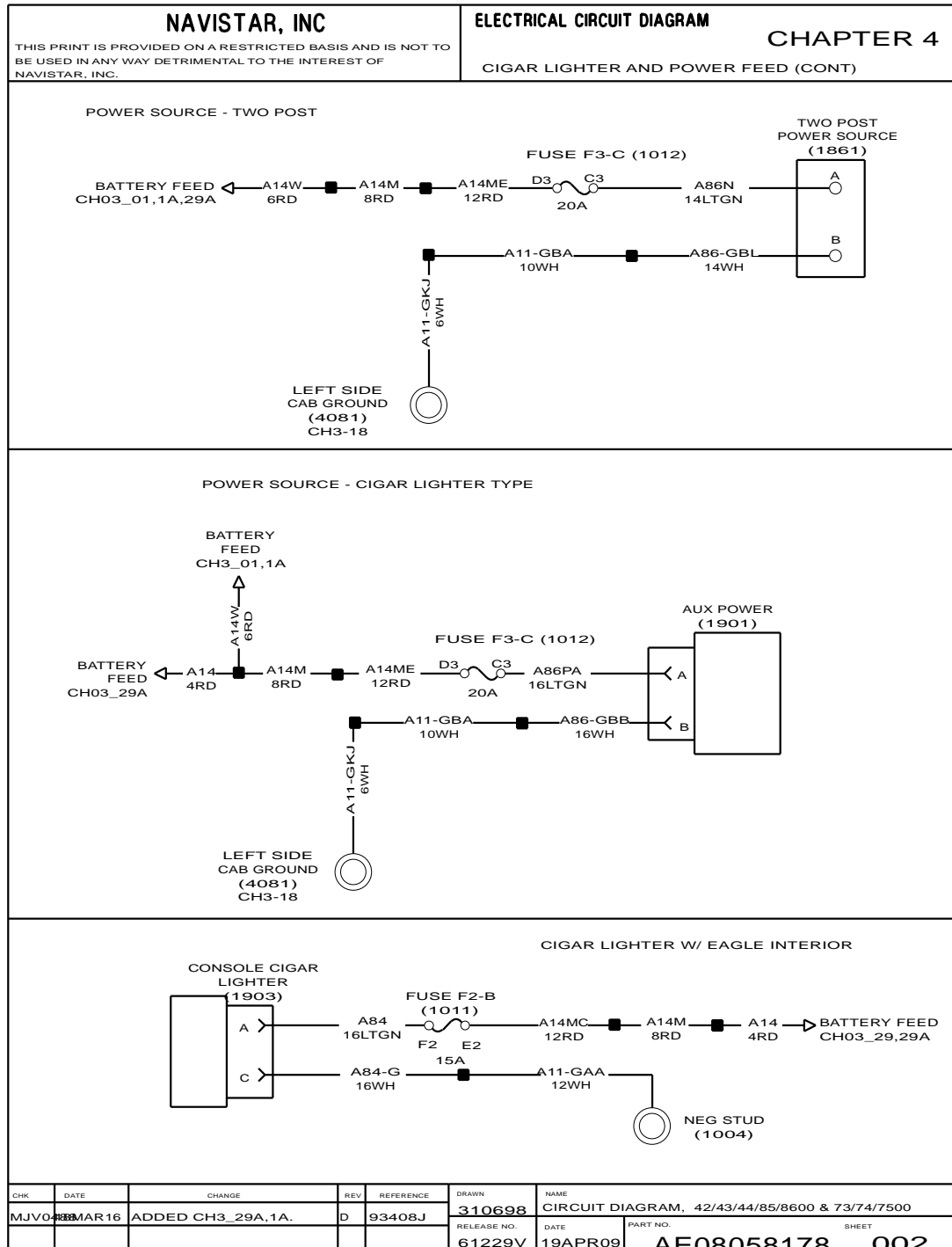


Figure 125 Cigar Lighter and Power Feed (Cont.)

4.3. CB POWER RADIO, P. 3

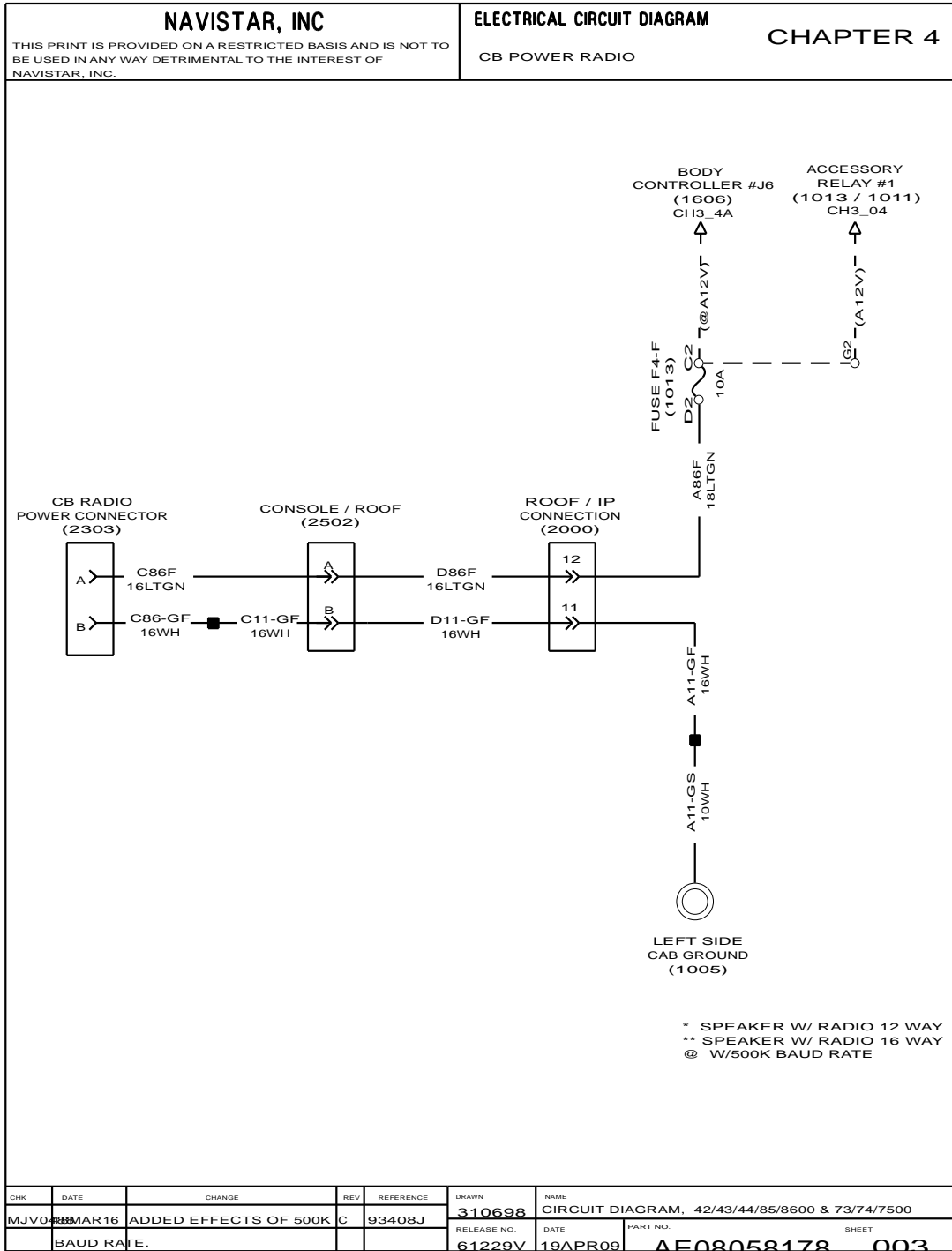


Figure 126 CB Power Radio

4.4. COMPASS DISPLAY, P. 4

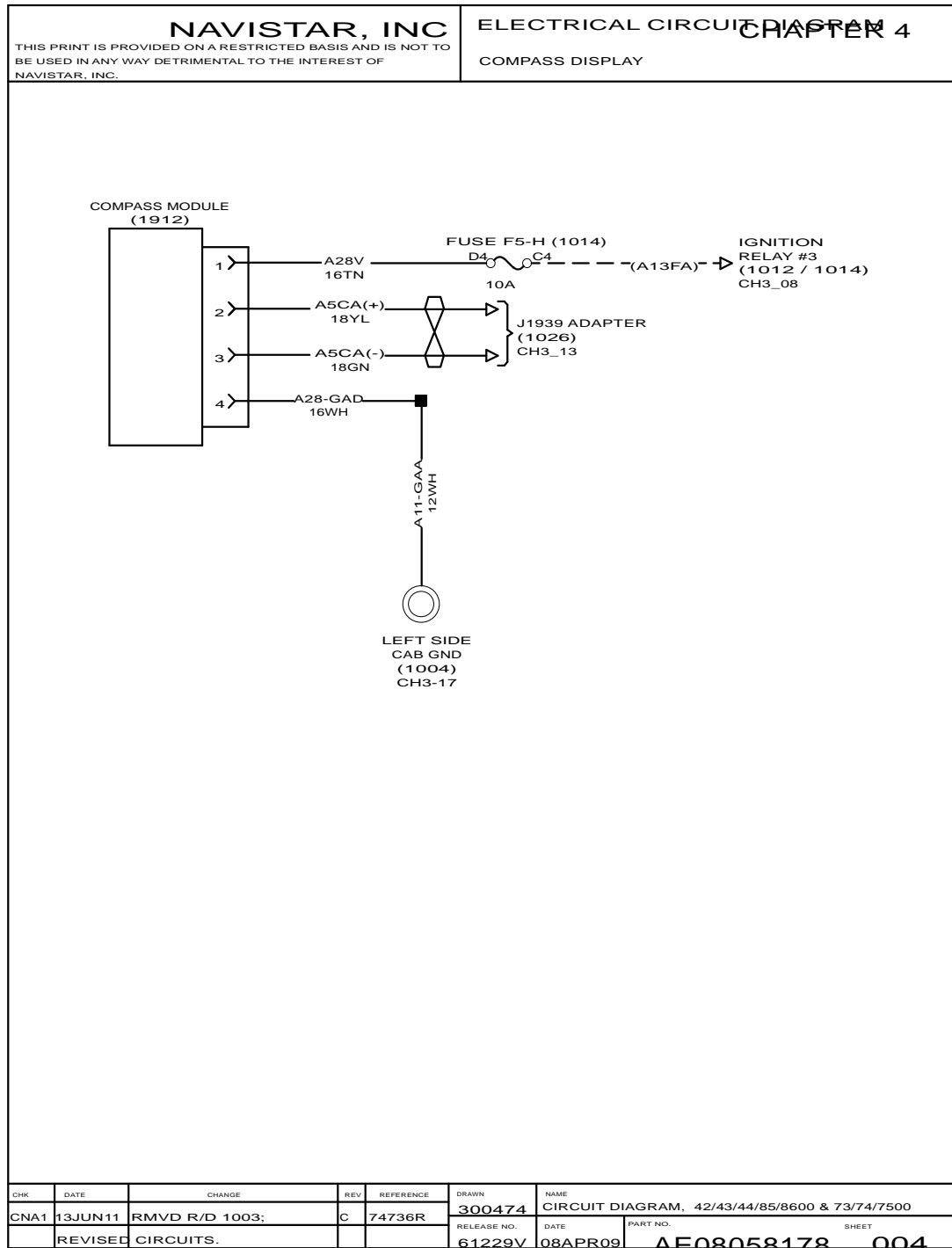


Figure 127 Compass Display

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

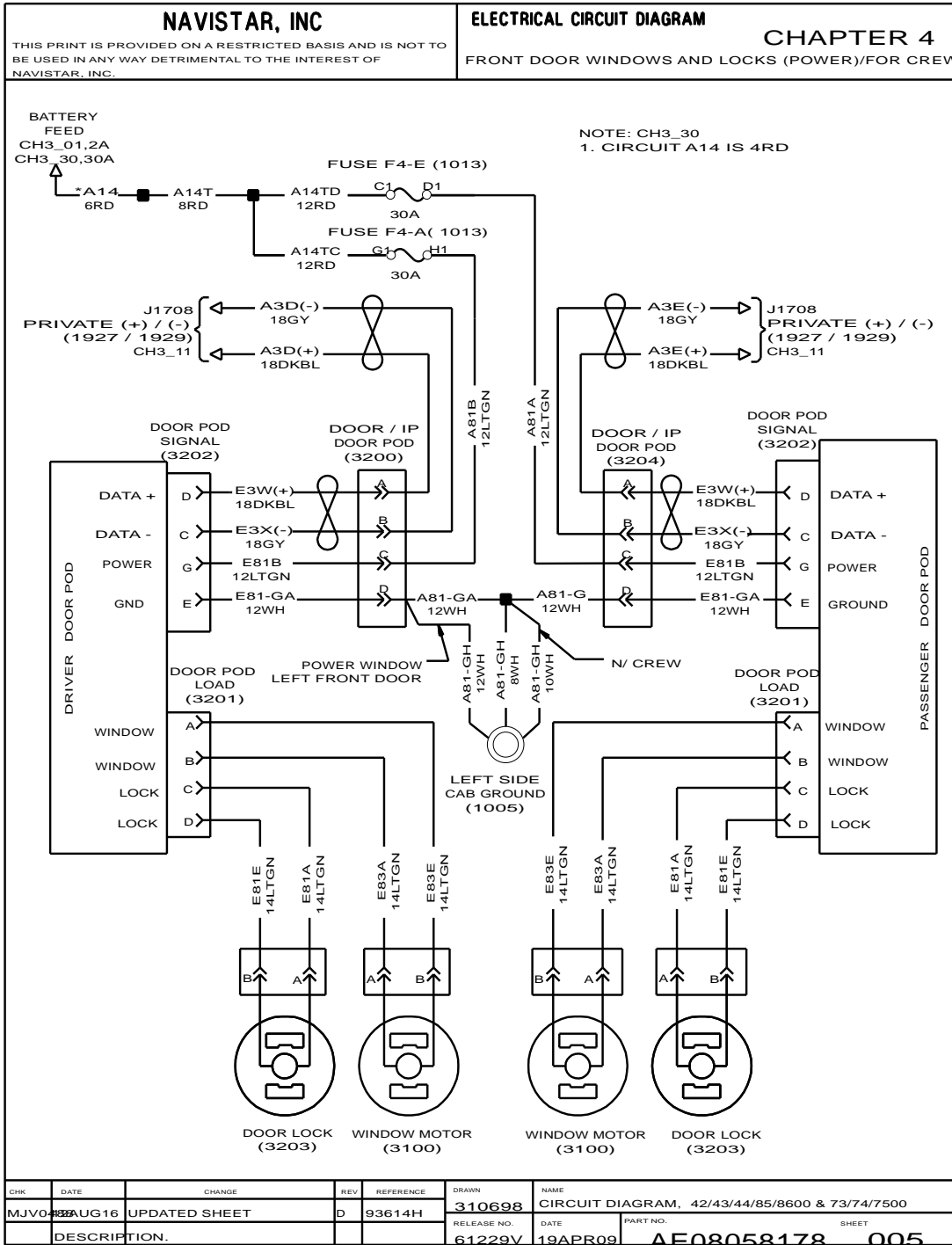


Figure 128 Front Door Windows and Locks (Power) for Crew

4.6. FRONT DOOR WINDOWS AND LOCKS (POWER) FOR CREW (CONT.), P. 6

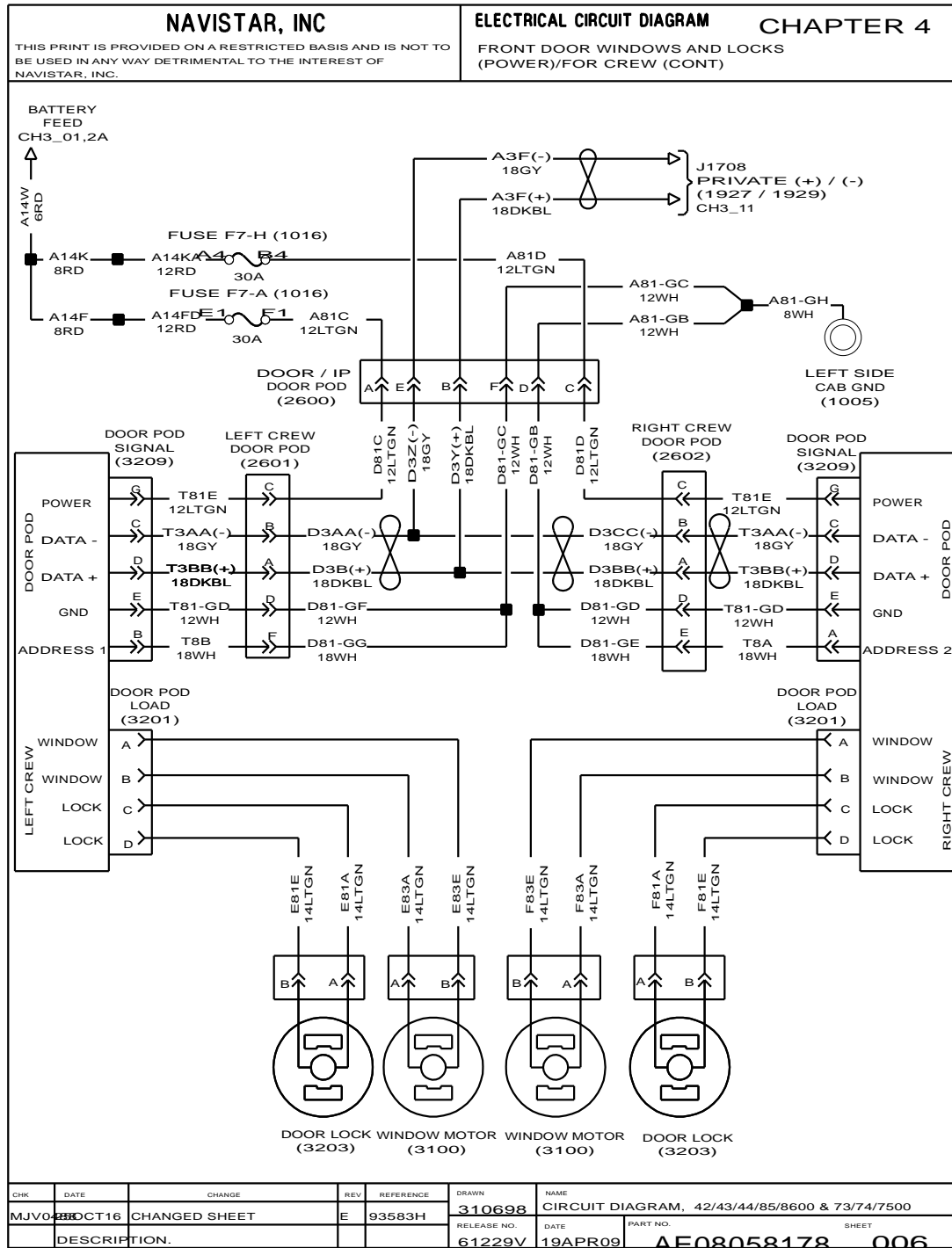


Figure 129 Front Door Windows and Locks (Power) for Crew (Cont.)

4.7. HORN, ELECTRIC AND AIR, P. 7

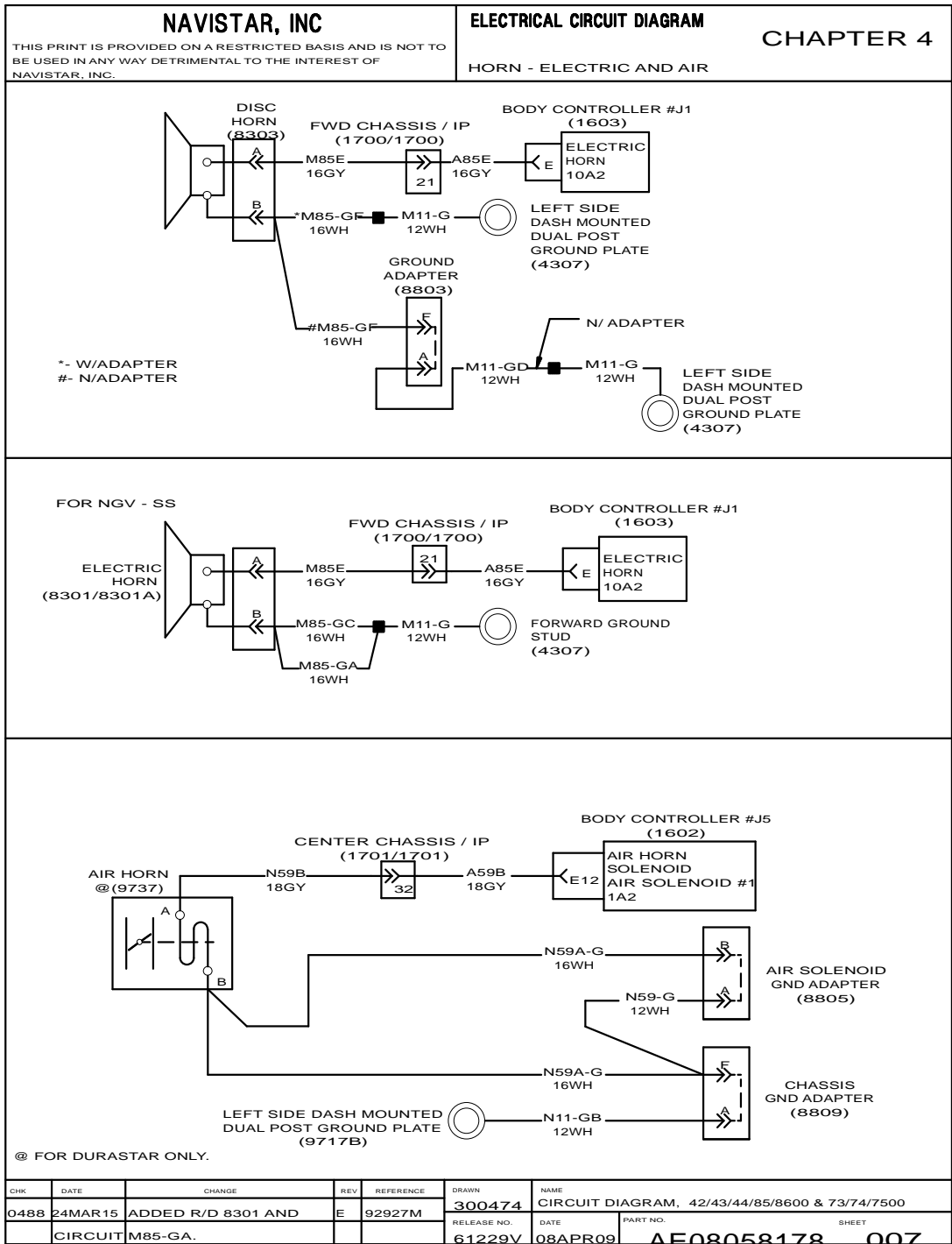


Figure 130 Horn, Electric and Air

4.8. HORN, ELECTRIC AND AIR (CONT.), P. 8

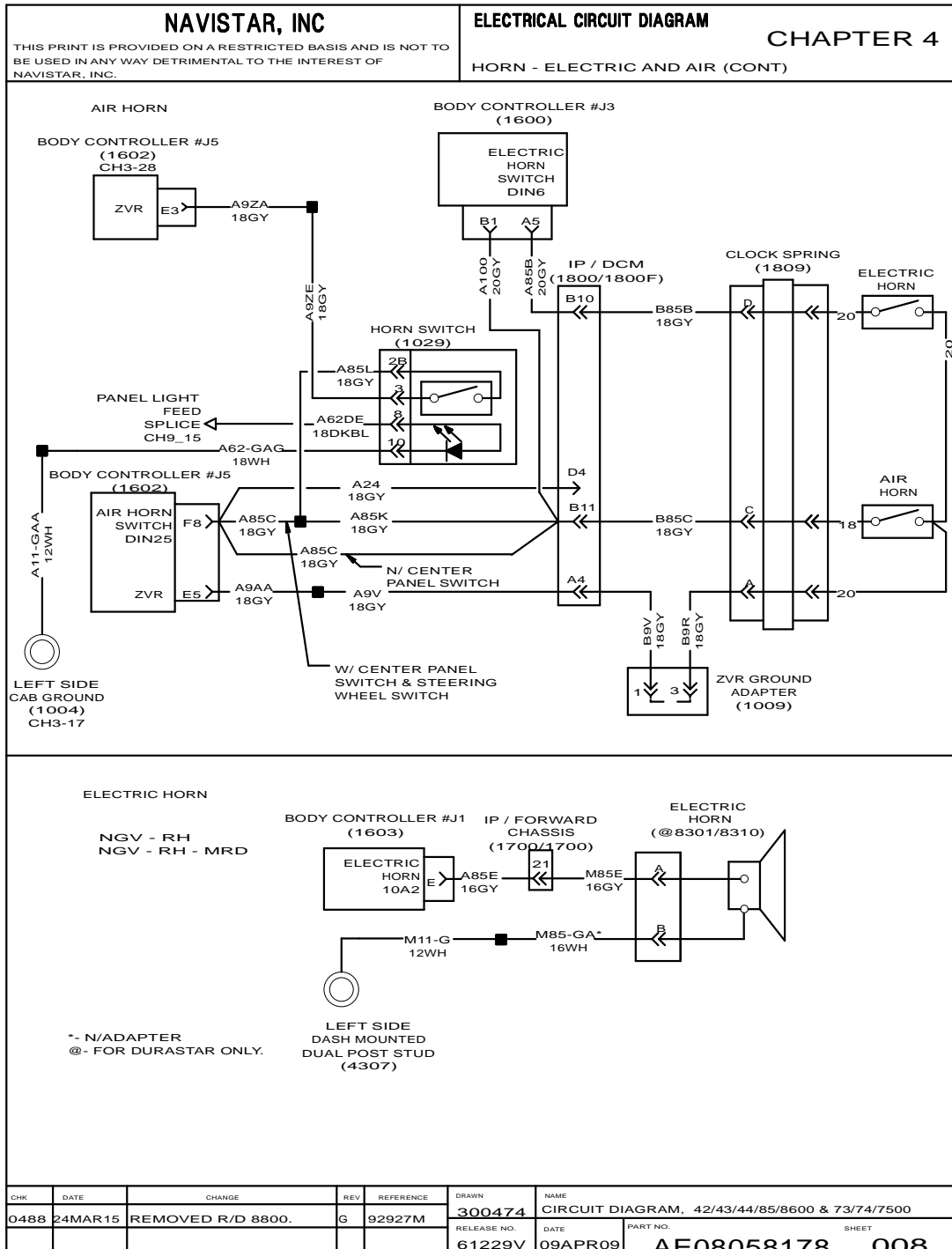


Figure 131 Horn, Electric and Air (Cont.)

4.9. MIRRORS (HEATED, LIGHTED AND POWER), P. 9

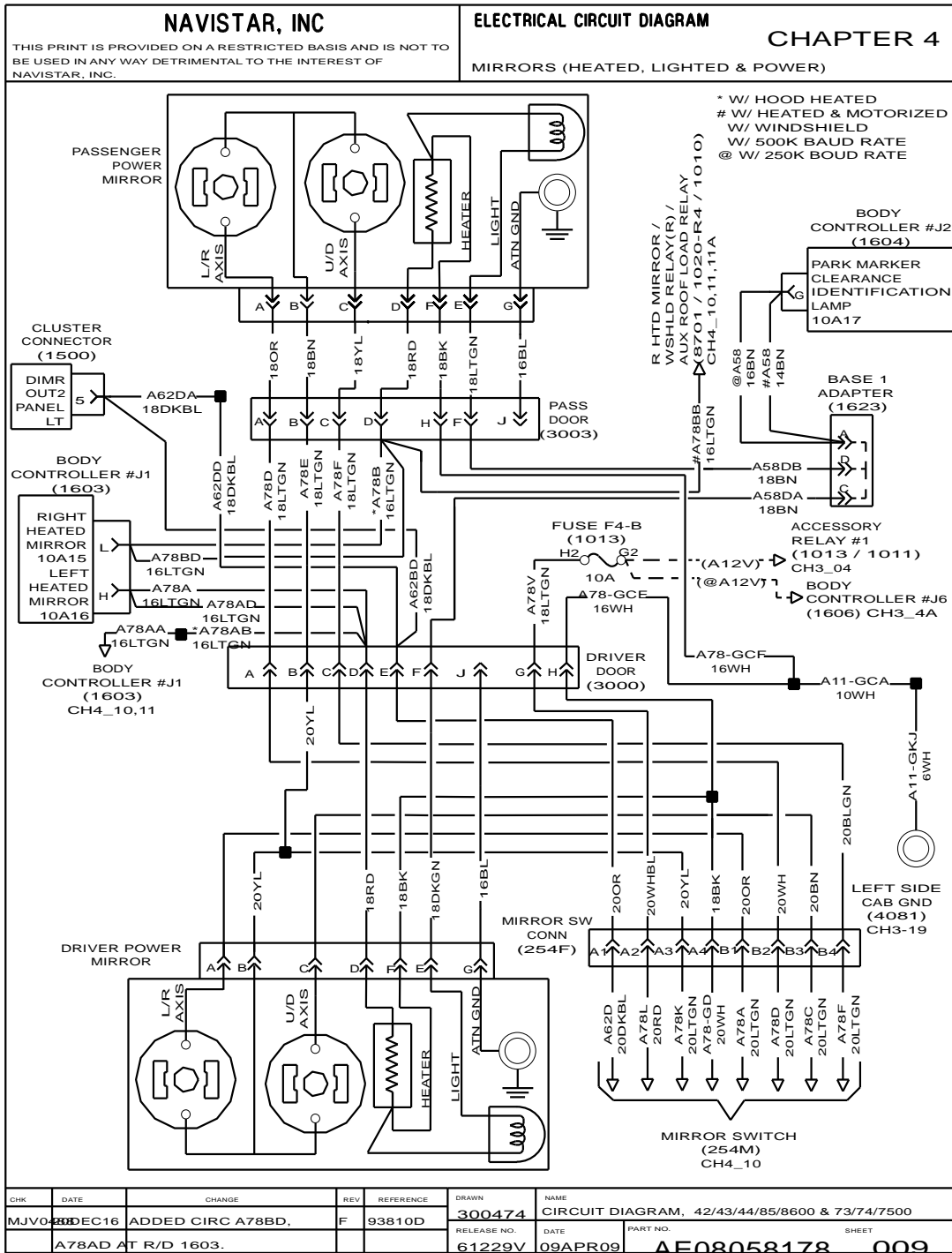


Figure 132 Mirrors (Heated, Lighted and Power)

4.10. MIRRORS (HEATED, LIGHTED AND POWER) (CONT.), P. 10

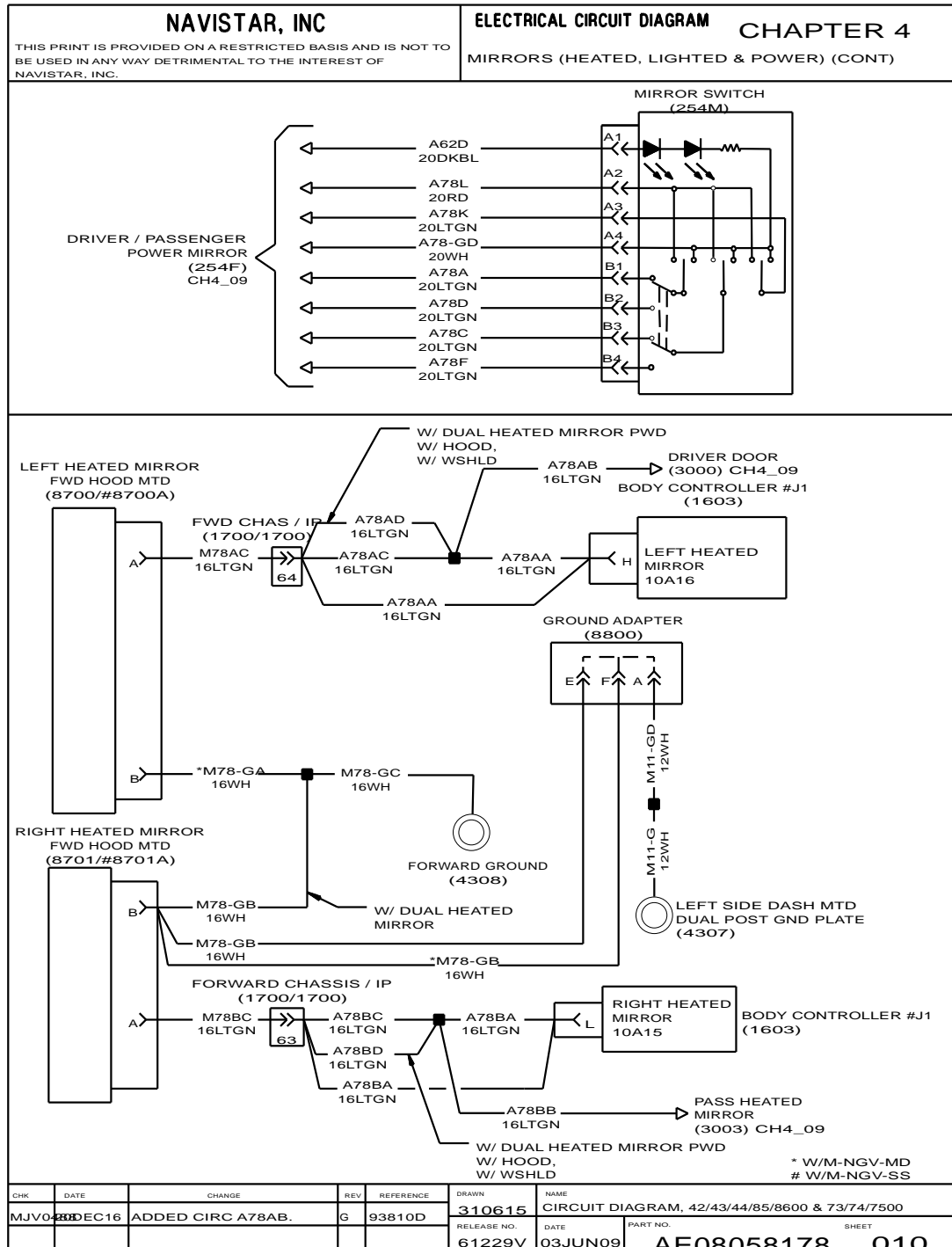


Figure 133 Mirrors (Heated, Lighted and Power) (Cont.)

4.11. MIRRORS (HEATED, LIGHTED AND POWER) (CONT.), P. 10A

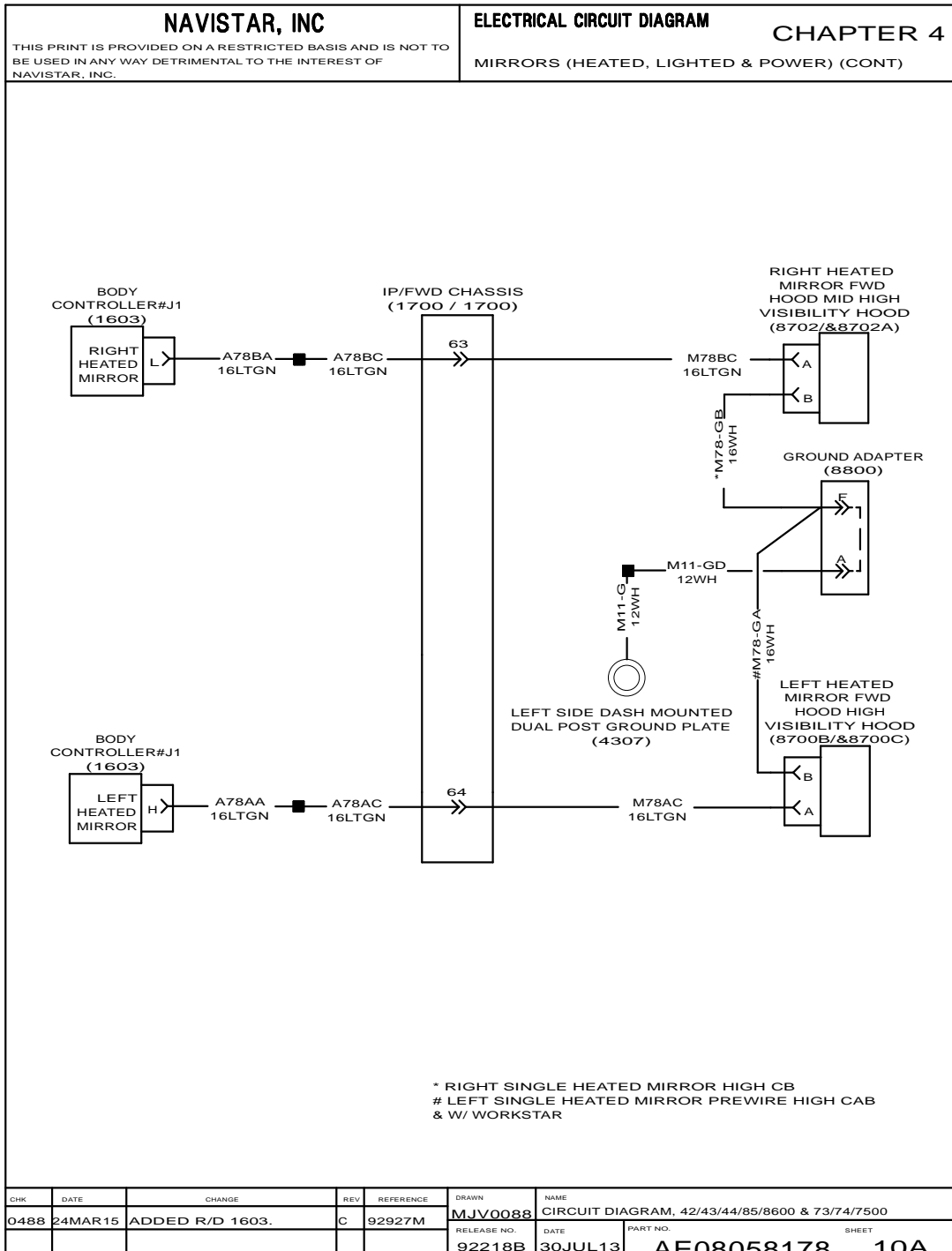


Figure 134 Mirrors (Heated, Lighted and Power) (Cont.)

4.12. MIRRORS (HEATED, LIGHTED, POWER AND HEATED WINDSHIELD) (CONT.), P. 11

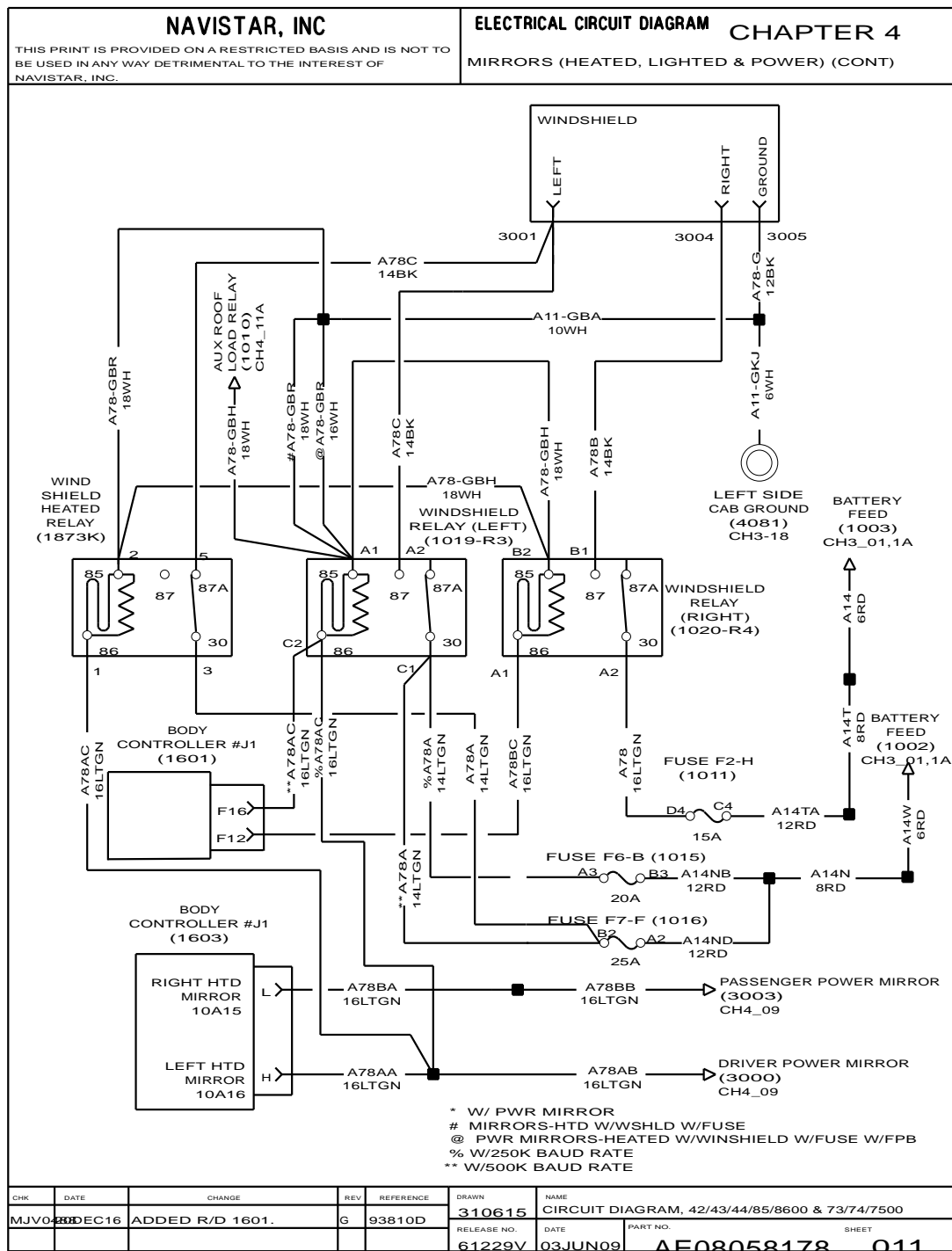


Figure 135 Mirrors (Heated, Lighted, Power and Heated Windshield) (Cont.)

4.13. POWER MIRRORS – HEATED AND MOTORIZED WITH WINDSHIELD WITH FPB, P. 11A

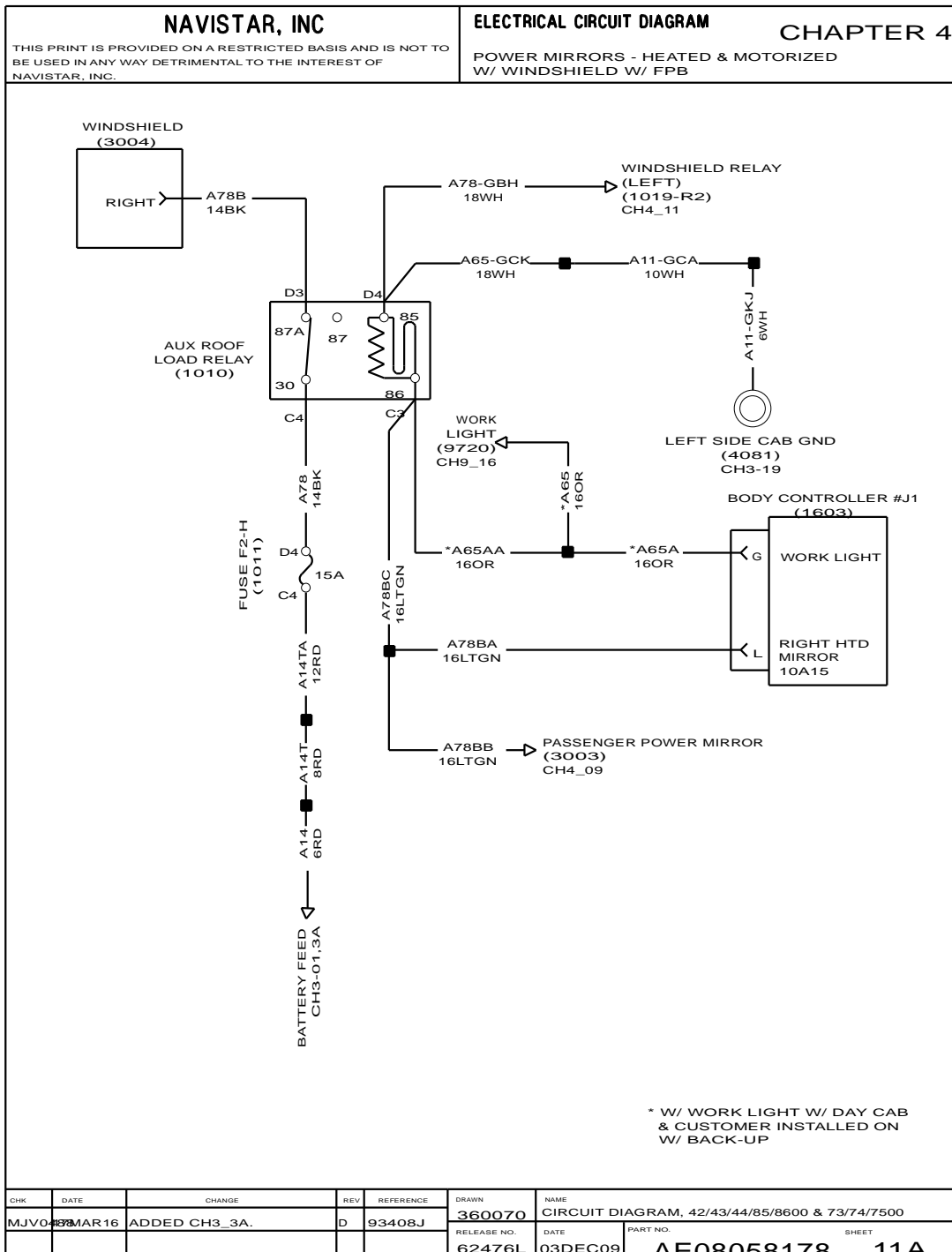


Figure 136 Power Mirrors – Heated and Motorized with Windshield with FPB

4.14. 2-WAY RADIO, P. 12

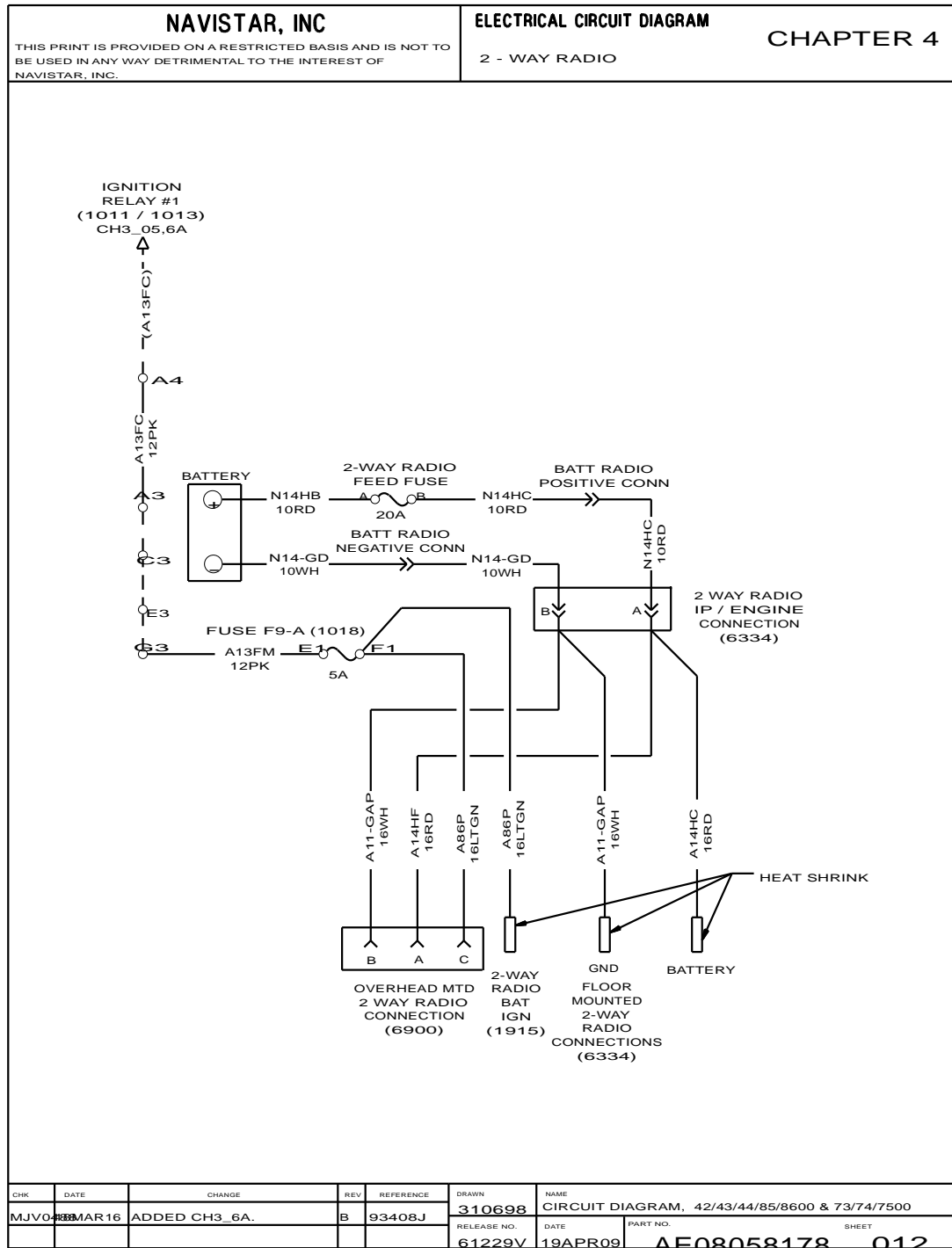


Figure 137 2-Way Radio

4.15. 2-WAY RADIO (CONT.), P. 12A

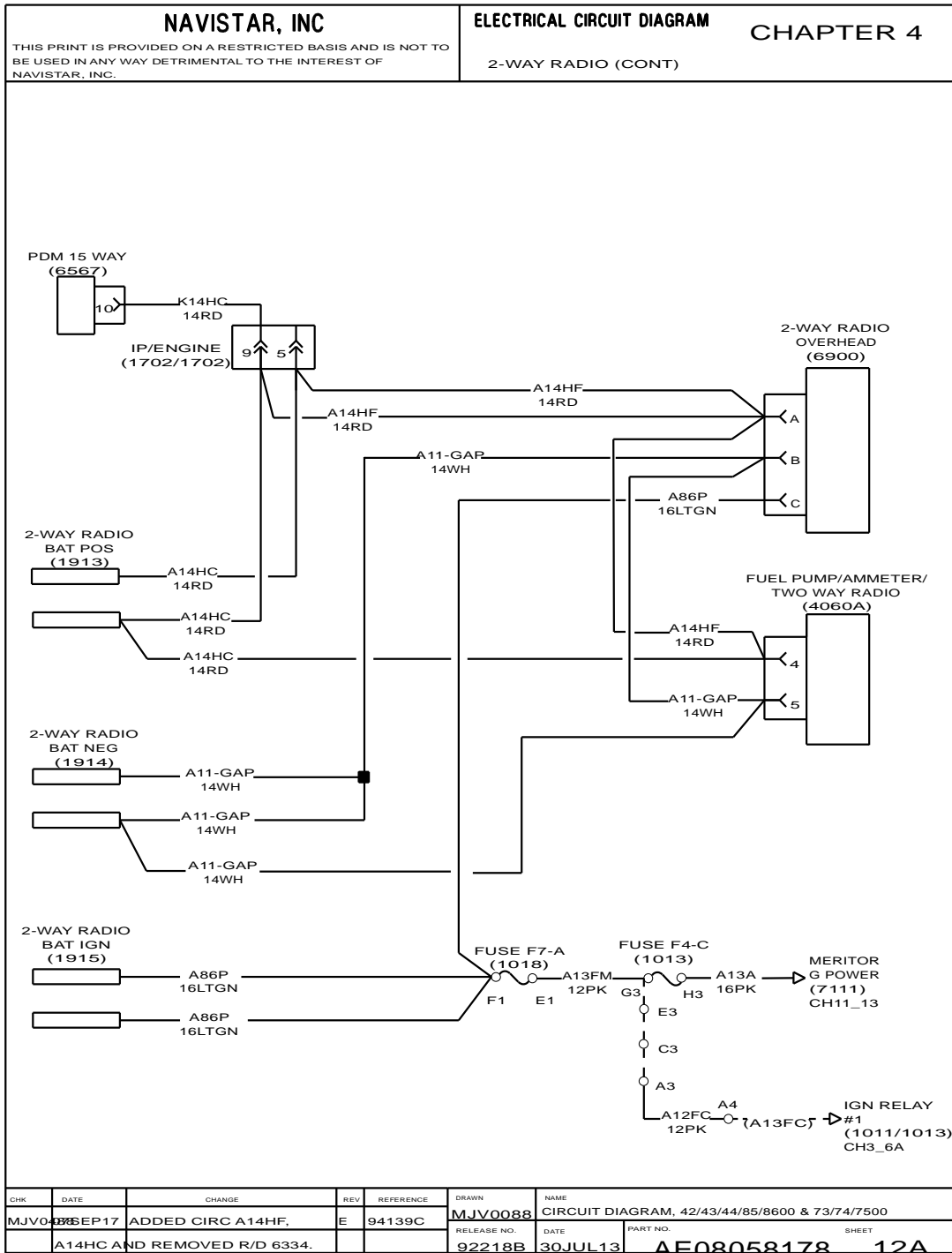


Figure 138 2-Way Radio (Cont.)

4.16. WINDSHIELD WIPER, P. 13

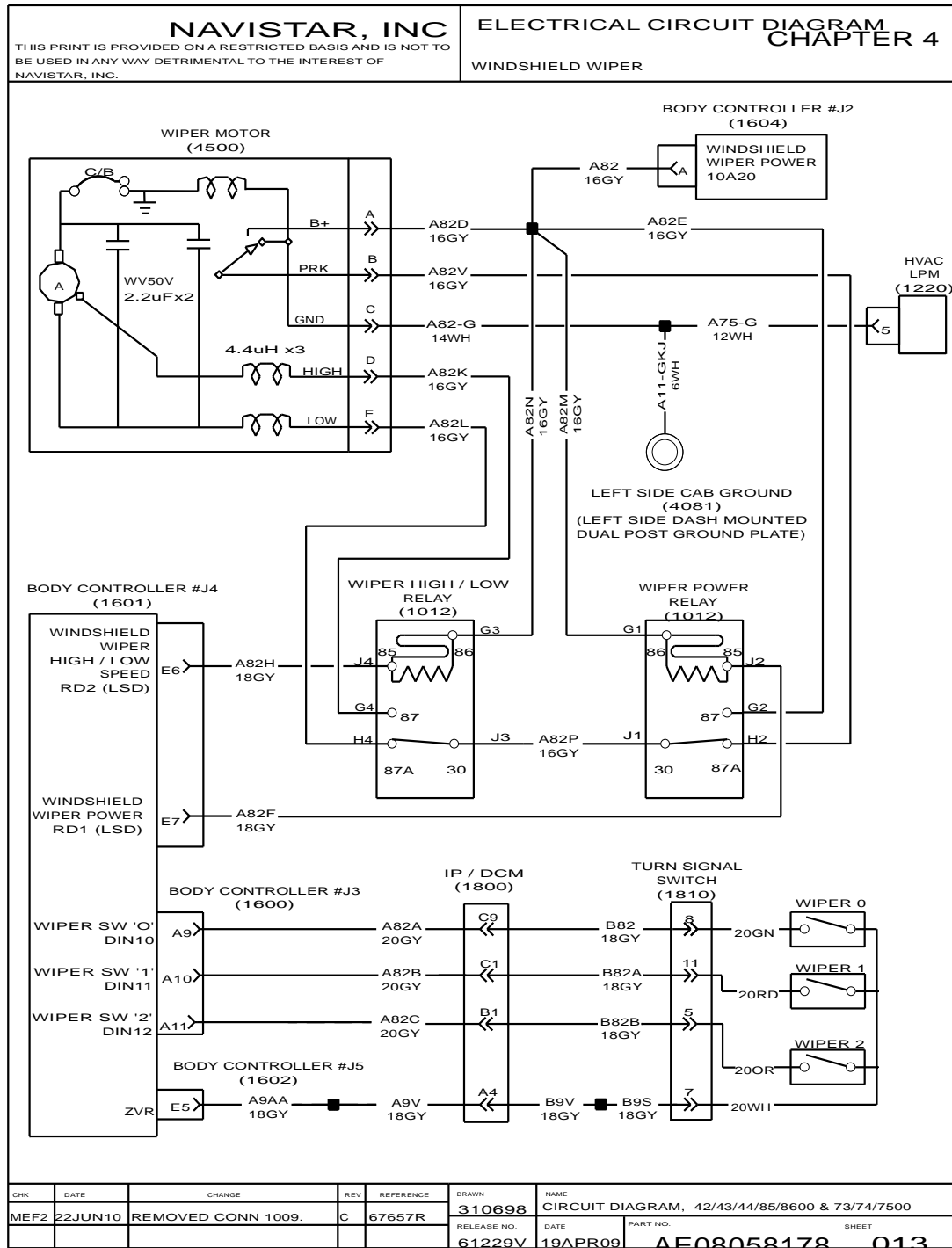


Figure 139 Windshield Wiper

4.17. WASHER PUMP, P. 14

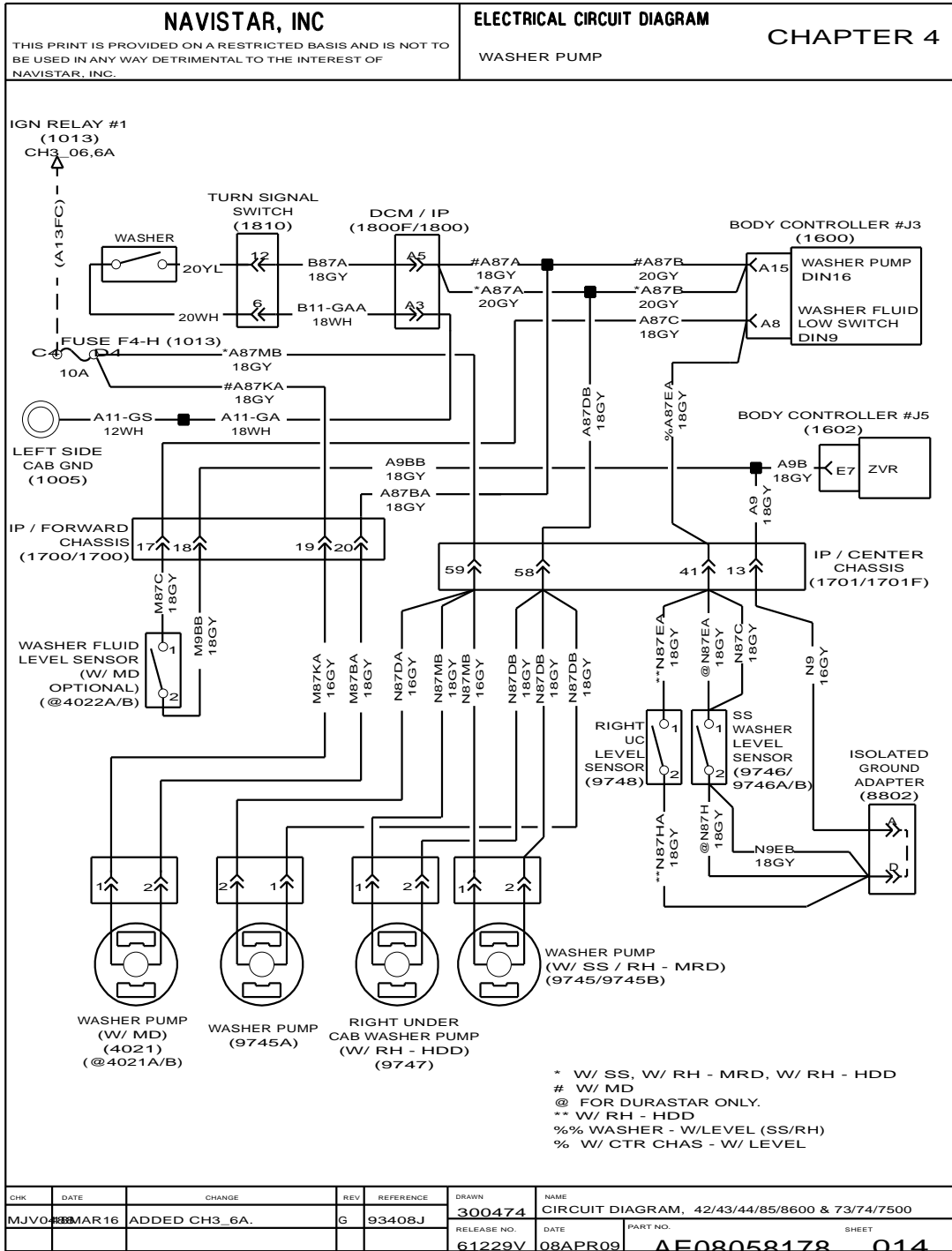


Figure 140 Washer Pump

4.18. SWITCH PACK WITH OPTIONAL GAUGE PACK, P. 15

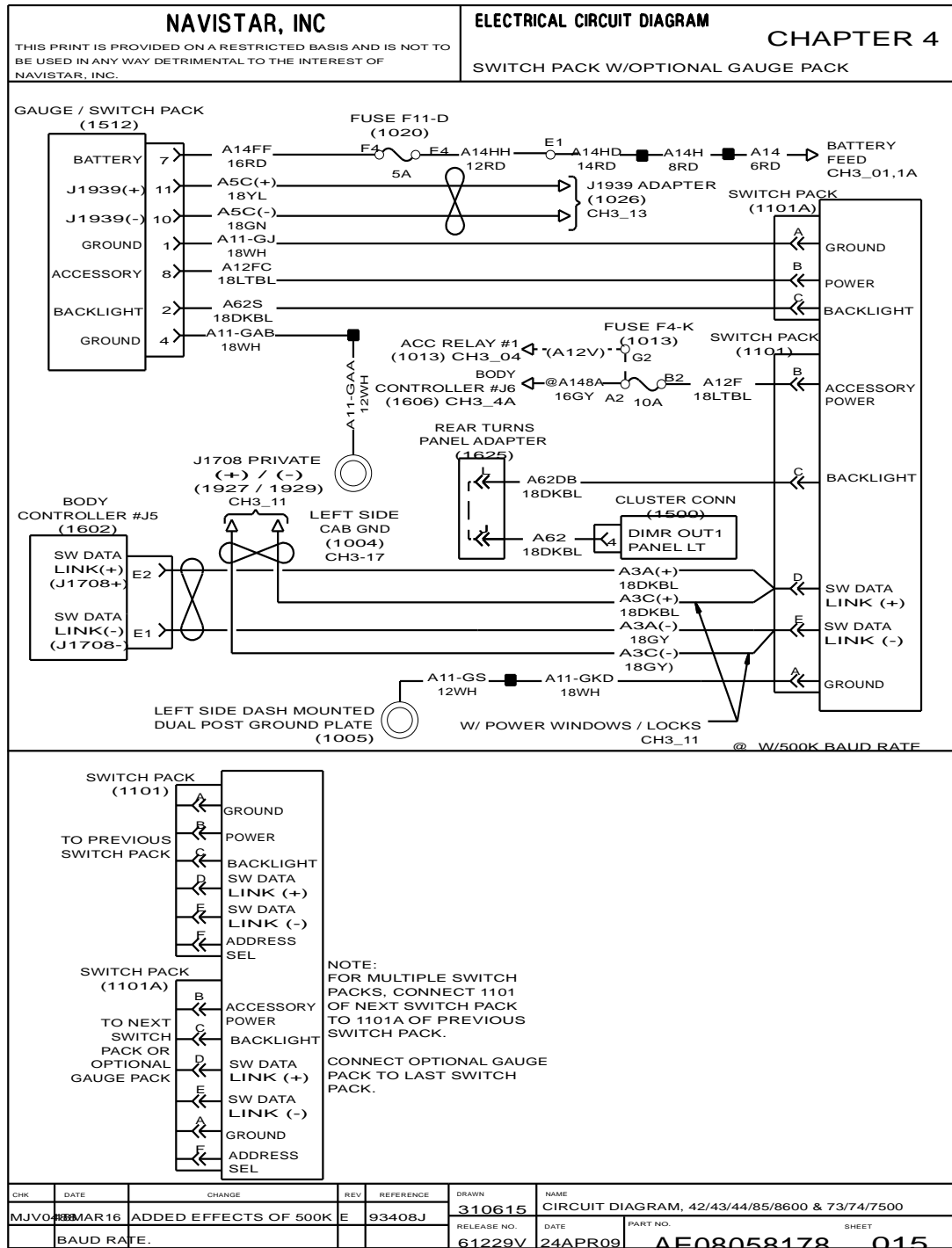


Figure 141 Switch Pack with Optional Gauge Pack

4.19. ROOF AUXILIARY LOAD, P. 16

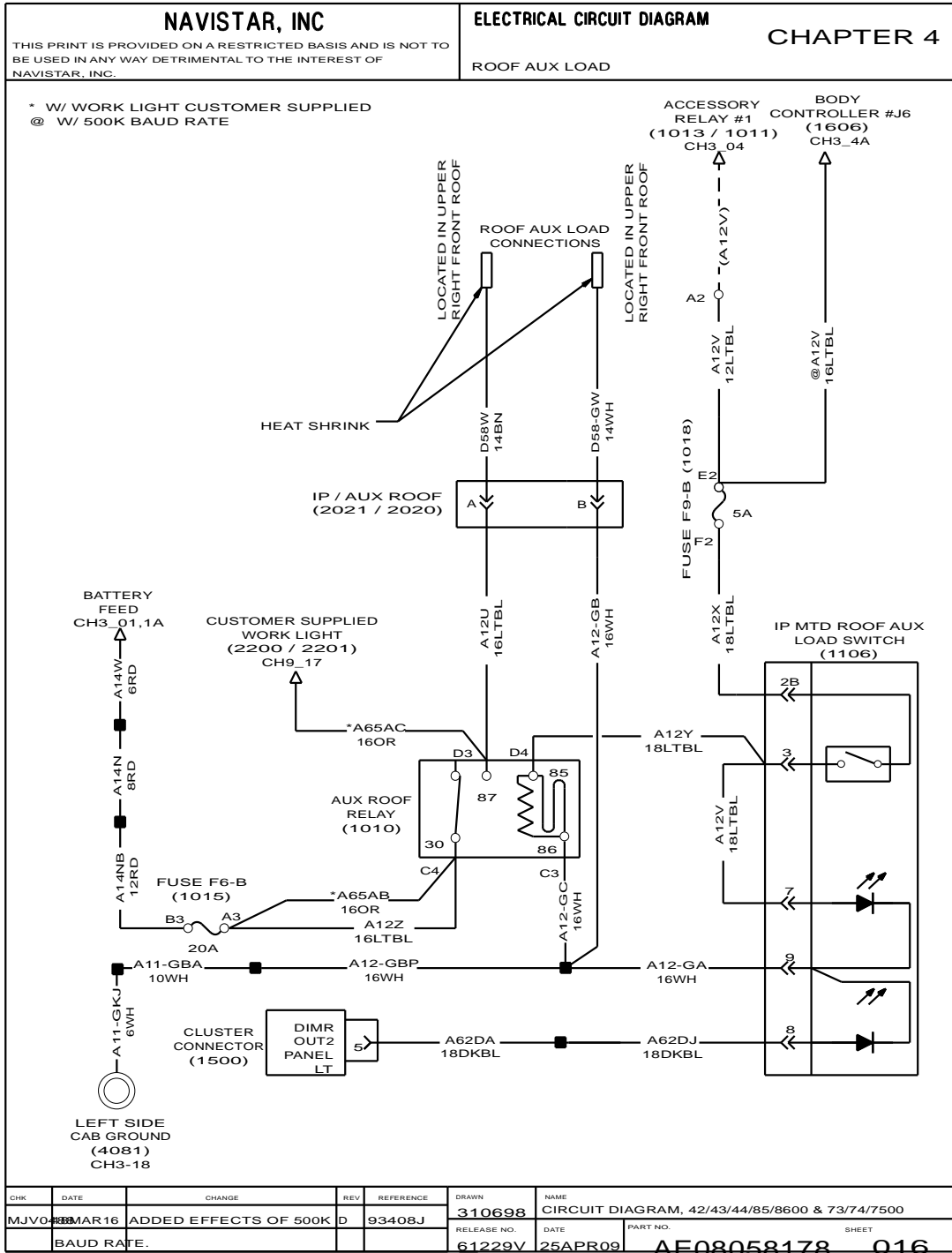


Figure 142 Roof Auxiliary Load

4.20. SATELLITE COMMUNICATION – QUALCOMM IMCT, P. 17

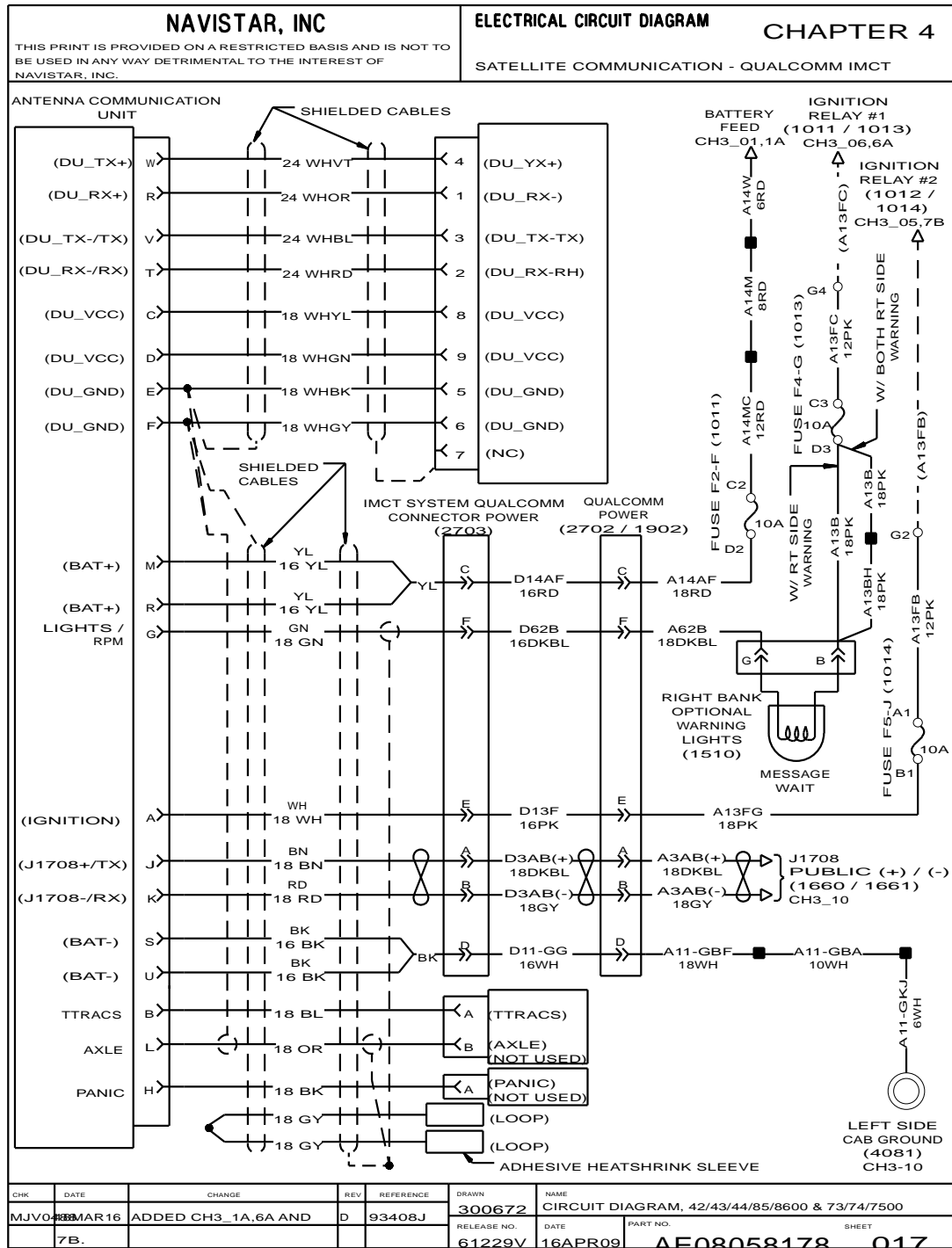


Figure 143 Satellite Communication – Qualcomm IMCT

4.21. SATELLITE COMMUNICATION – TRIPMASTER, P. 18

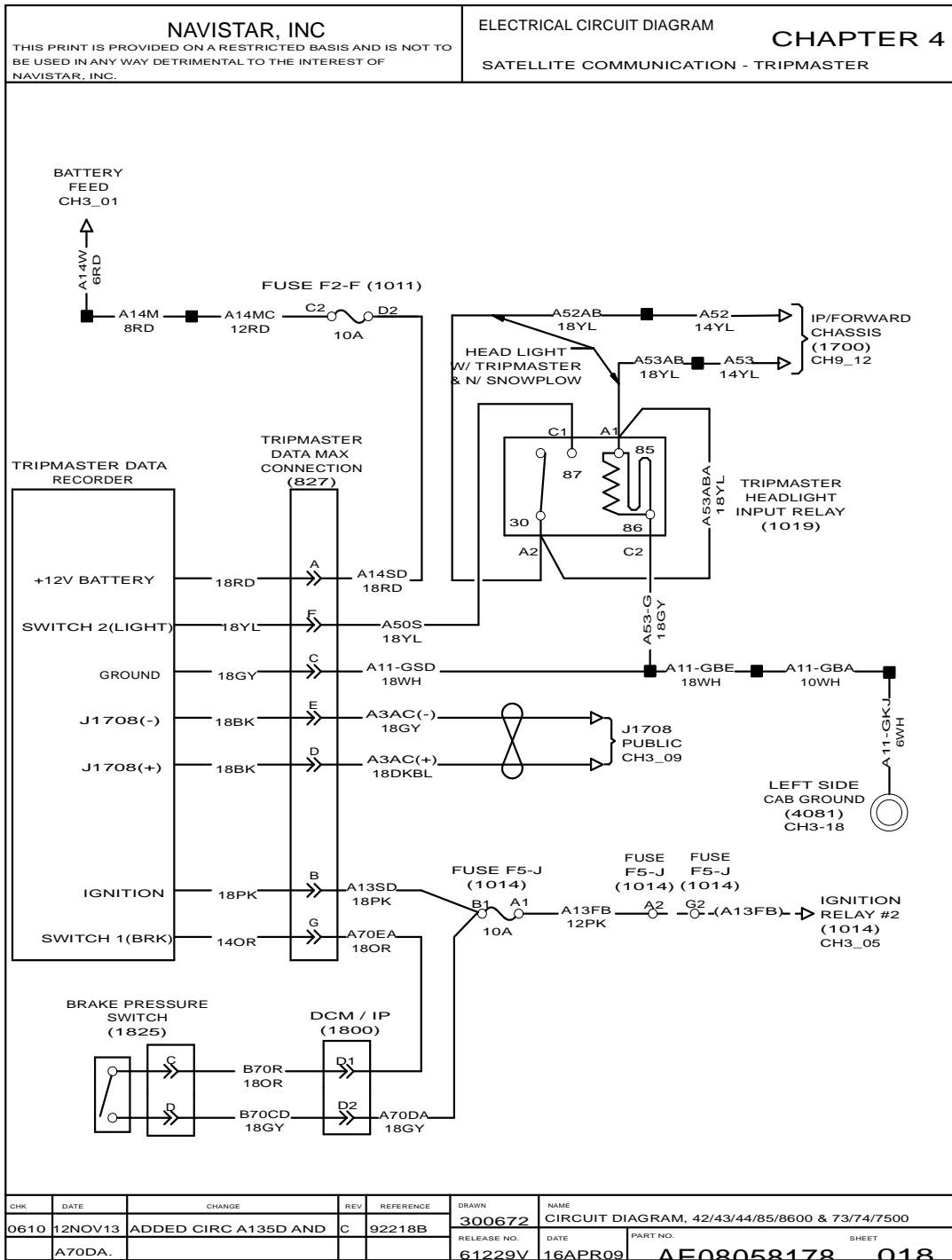


Figure 144 Satellite Communication – Tripmaster

4.22. COMPUTER PREWIRED – XATA SYSTEM, P. 19

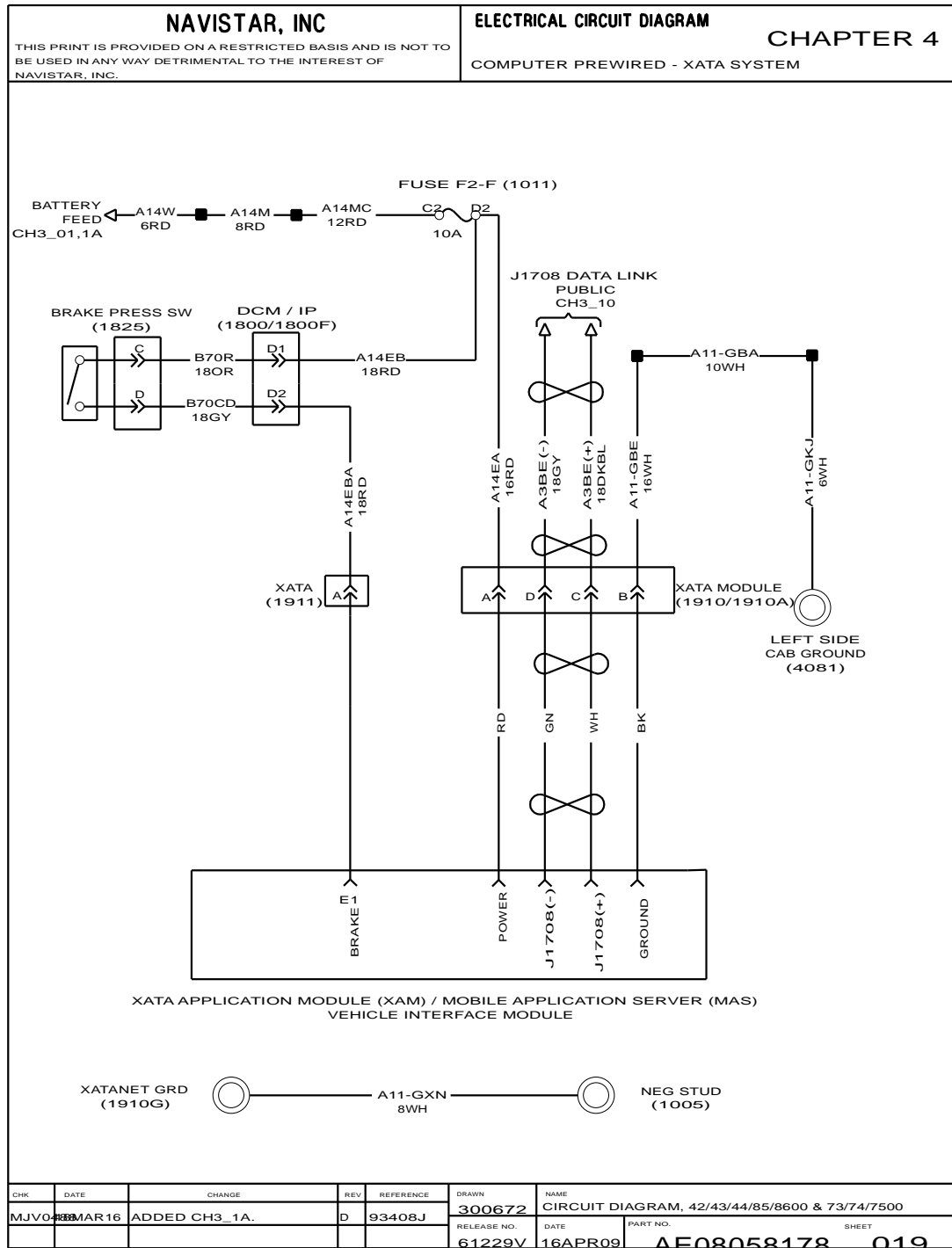


Figure 145 Computer Prewired – XATA System

4.23. CADEC GPS SYSTEM, P. 20

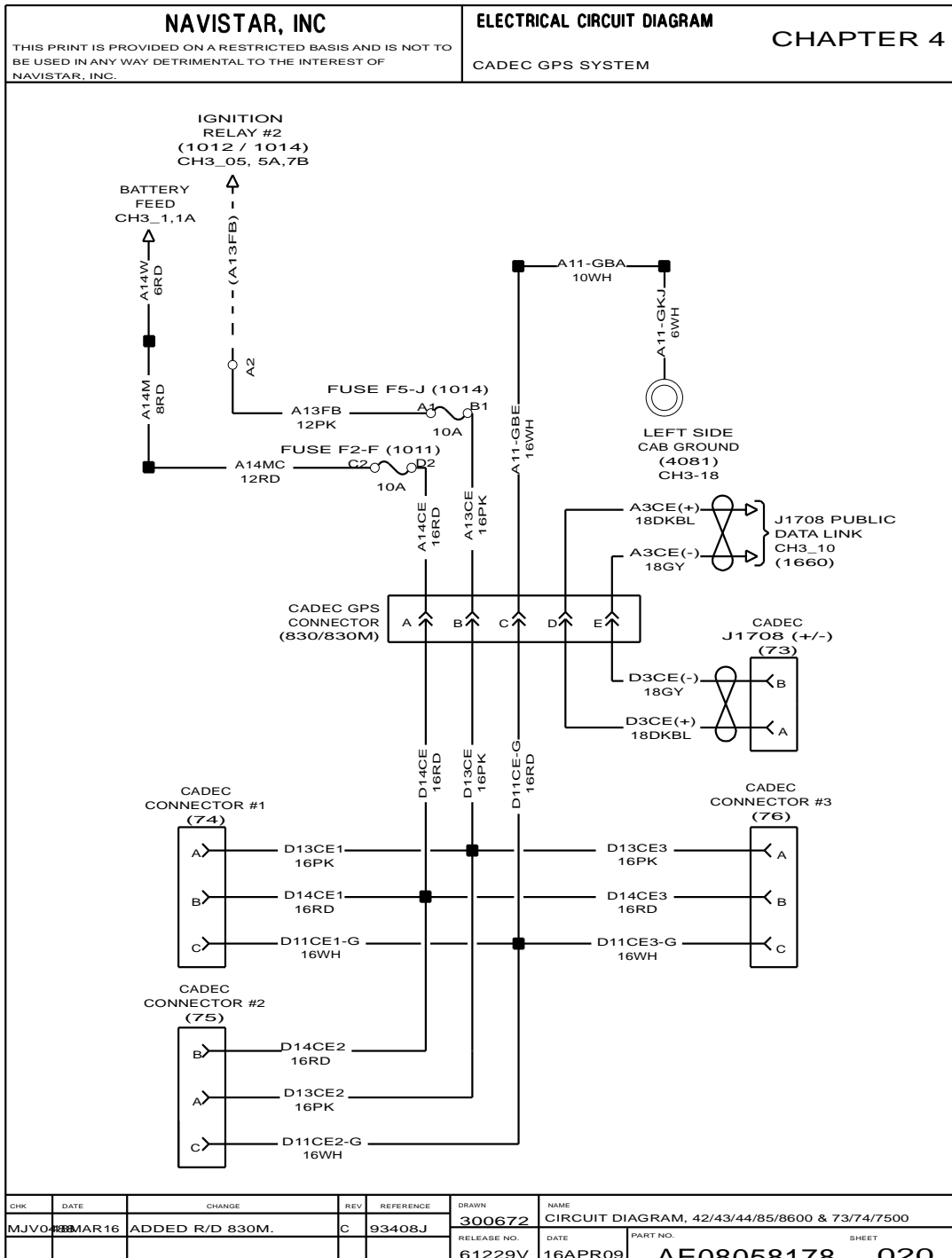


Figure 146 Cadec GPS System

4.24. SATELLITE COMMUNICATION – MOBILEMAX, P. 21

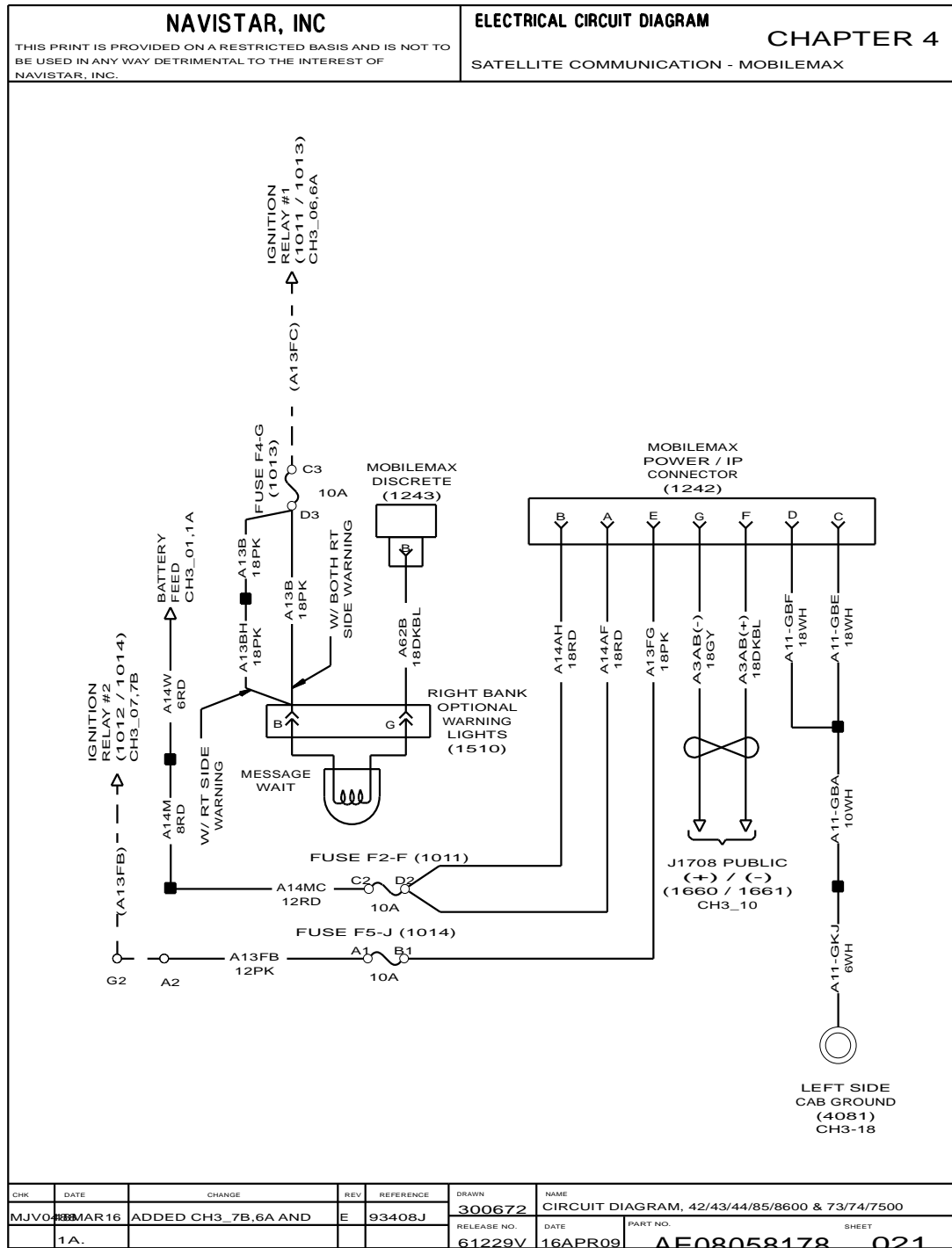


Figure 147 Satellite Communication – MobileMax

4.25. SELF CONTAINED AIR SEAT, P. 22

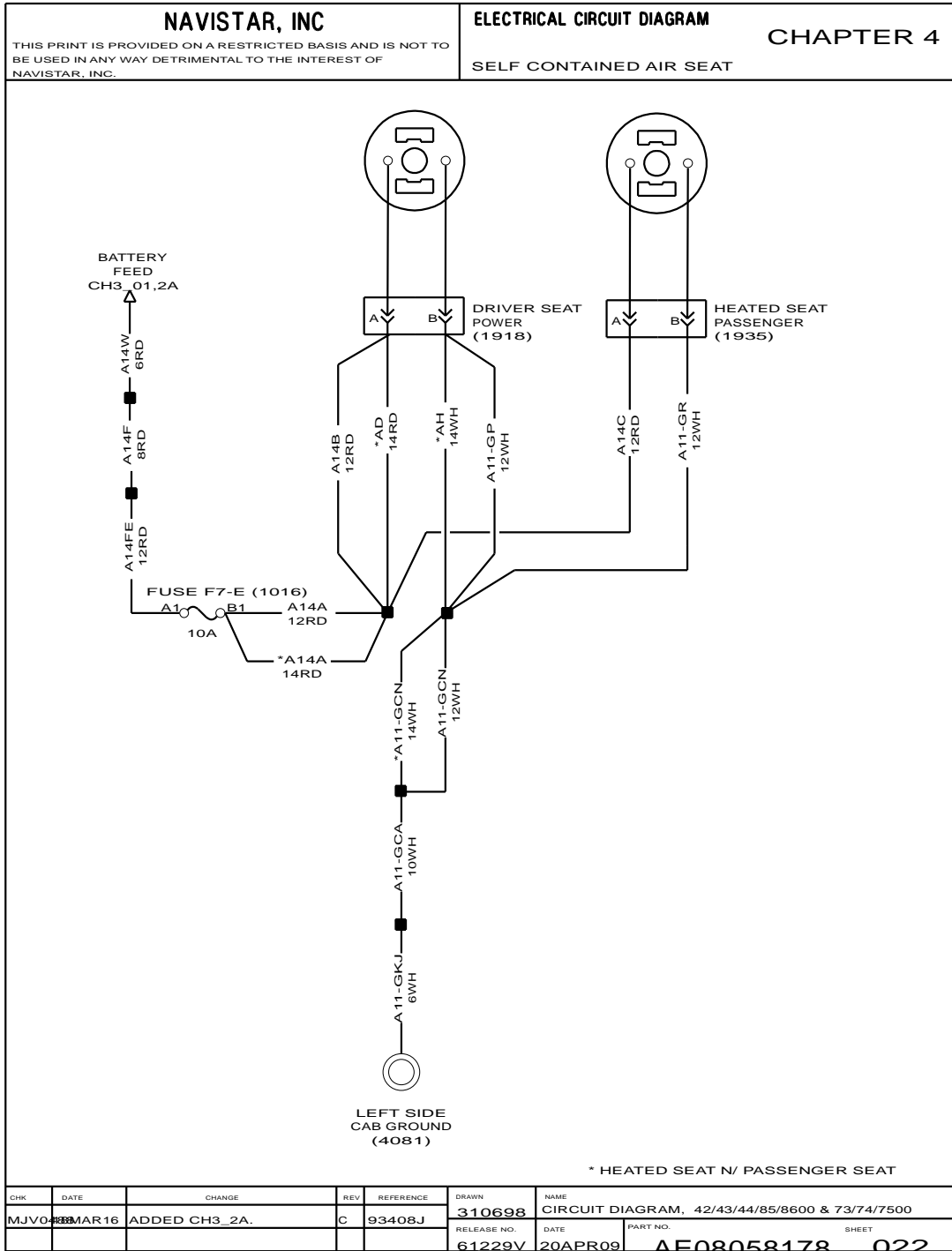


Figure 148 Self Contained Air Seat

4.26. HEATED SEATS, P. 23

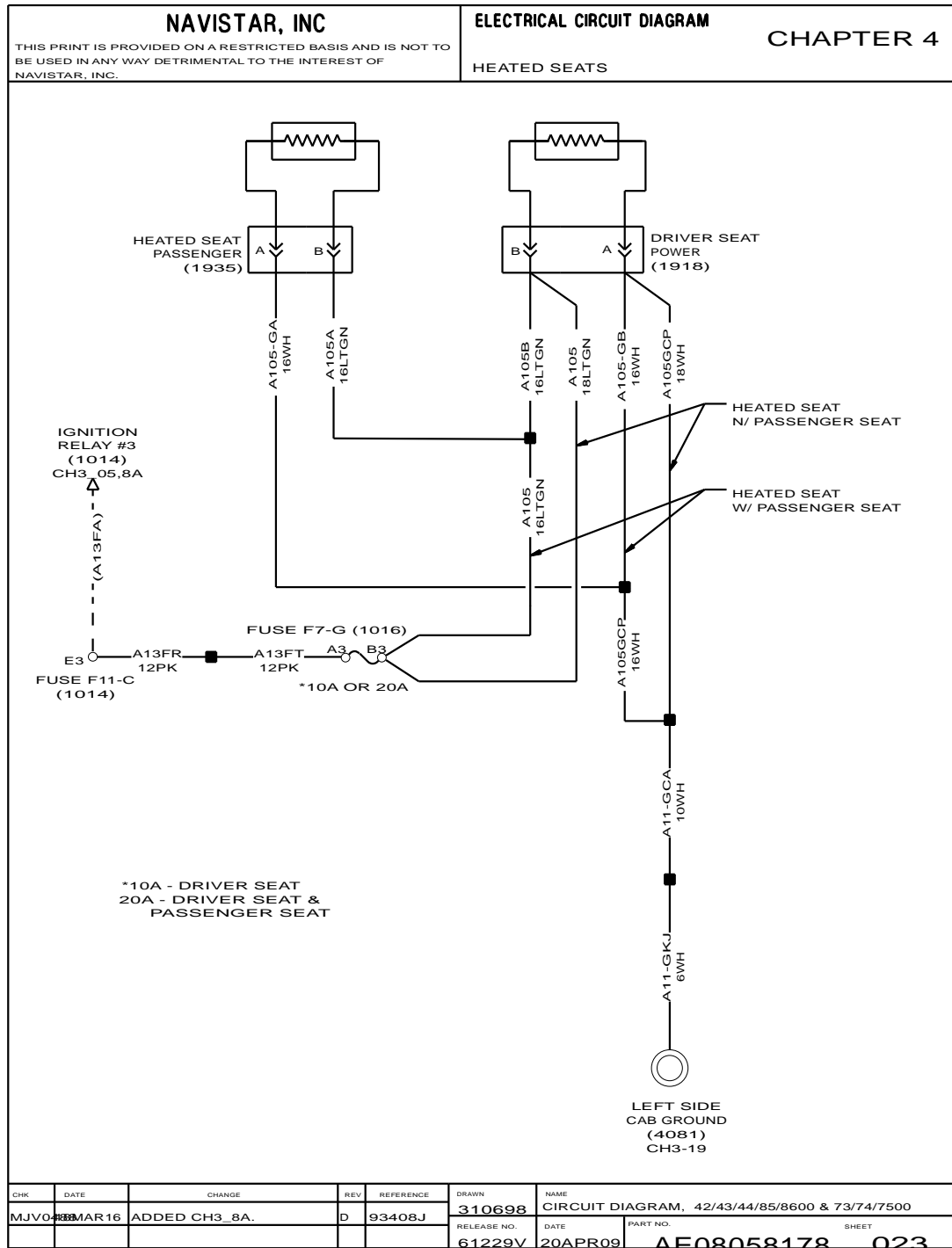


Figure 149 Heated Seats

4.27. INTENTIONALLY LEFT BLANK, P. 24

NAVISTAR, INC <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 4		
				INTENTIONALLY LEFT BLANK		
INTENTIONALLY LEFT BLANK						
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0488	24JAN14	REMOVED GEOMETRY.	D	92372W	300474	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					61229V	08APR09
						PART NO.
						AE08058178
						SHEET
						024

Figure 150 Intentionally Left Blank

4.28. INTENTIONALLY LEFT BLANK, P. 25

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INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
0610	12NOV13	REMOVED GEOMETRY.	C	92218B	300672	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
					RELEASE NO.	DATE	
					61229V	15APR09	
						PART NO. SHEET	
						AE08058178 025	

Figure 151 Intentionally Left Blank

4.29. BACK-UP CAMERA, P. 26

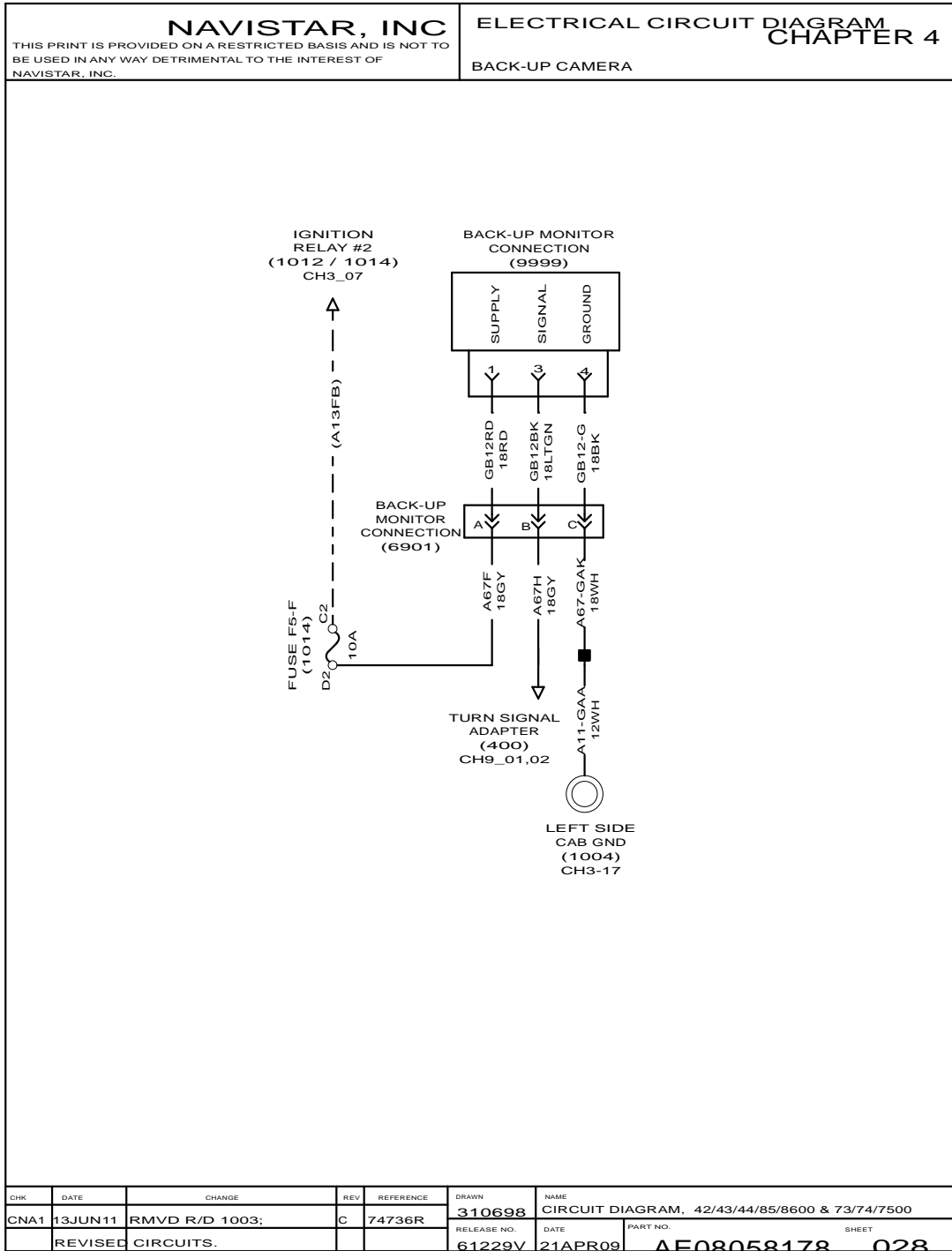


Figure 152 Back-Up Camera

4.30. EATON VORAD COLLISION AVOIDANCE SYSTEM VS400, P. 27

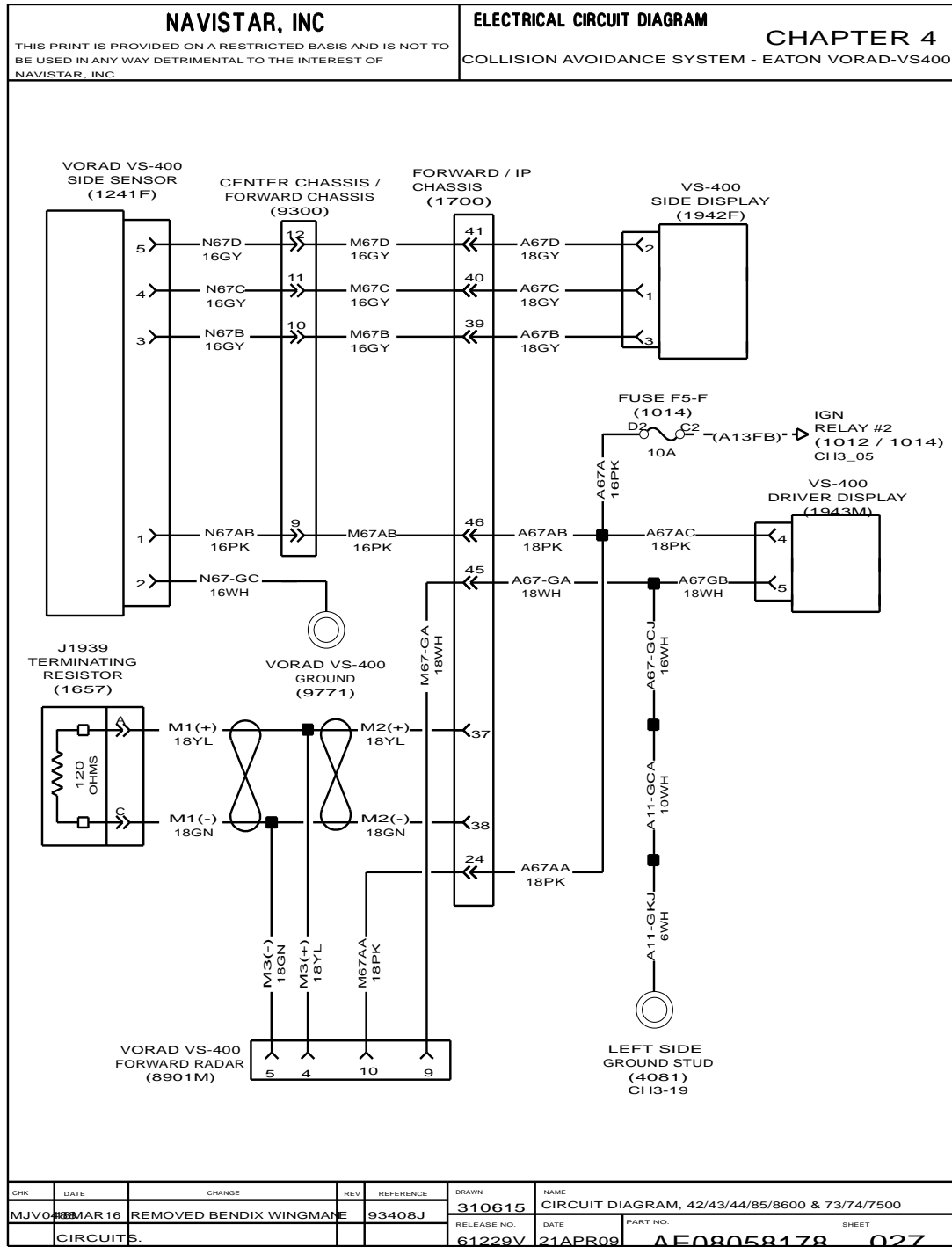


Figure 153 Eaton Vorad Collision Avoidance System VS400

4.31. EATON VORAD COLLISION AVOIDANCE SYSTEM VS400 (CONT.), P. 27A

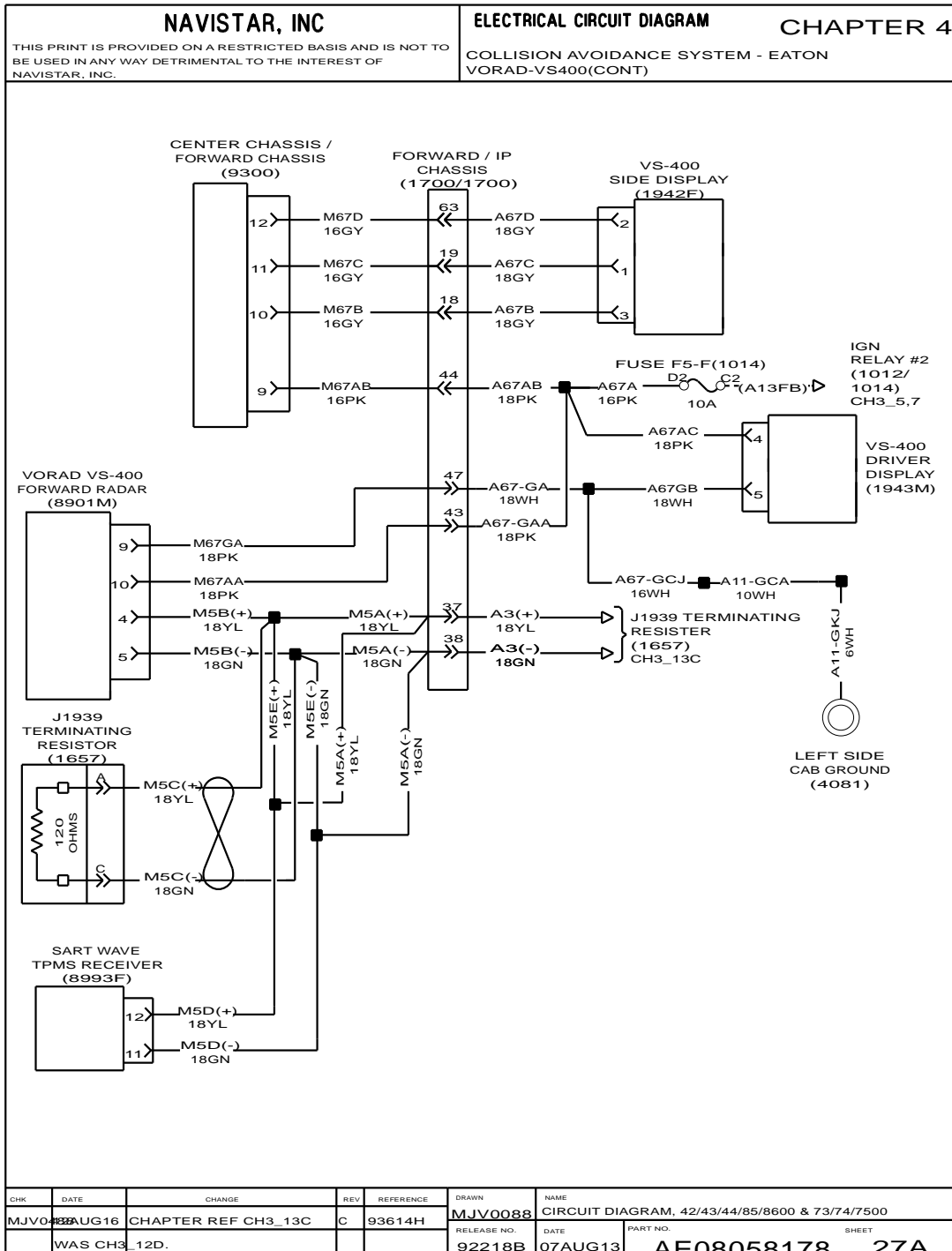


Figure 154 Eaton Vorad Collision Avoidance System VS400 (Cont.)

4.32. EATON VORAD COLLISION AVOIDANCE SYSTEM VS400 (CONT.), P. 27B

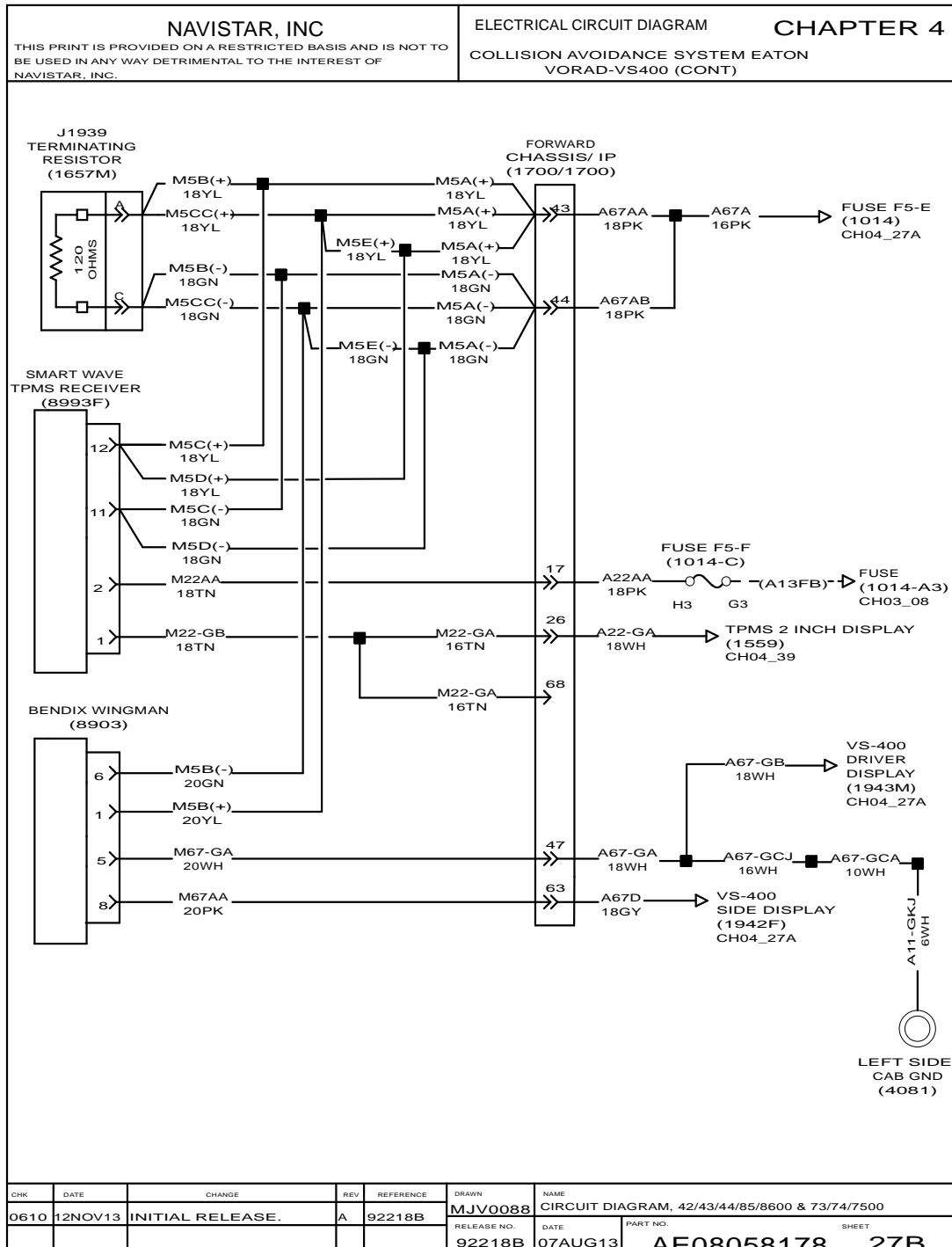


Figure 155 Eaton Vorad Collision Avoidance System VS400 (Cont.)

4.33. COLLISION AVOIDANCE SYSTEM EATON VORAD VS400 (CONT.), P. 27C

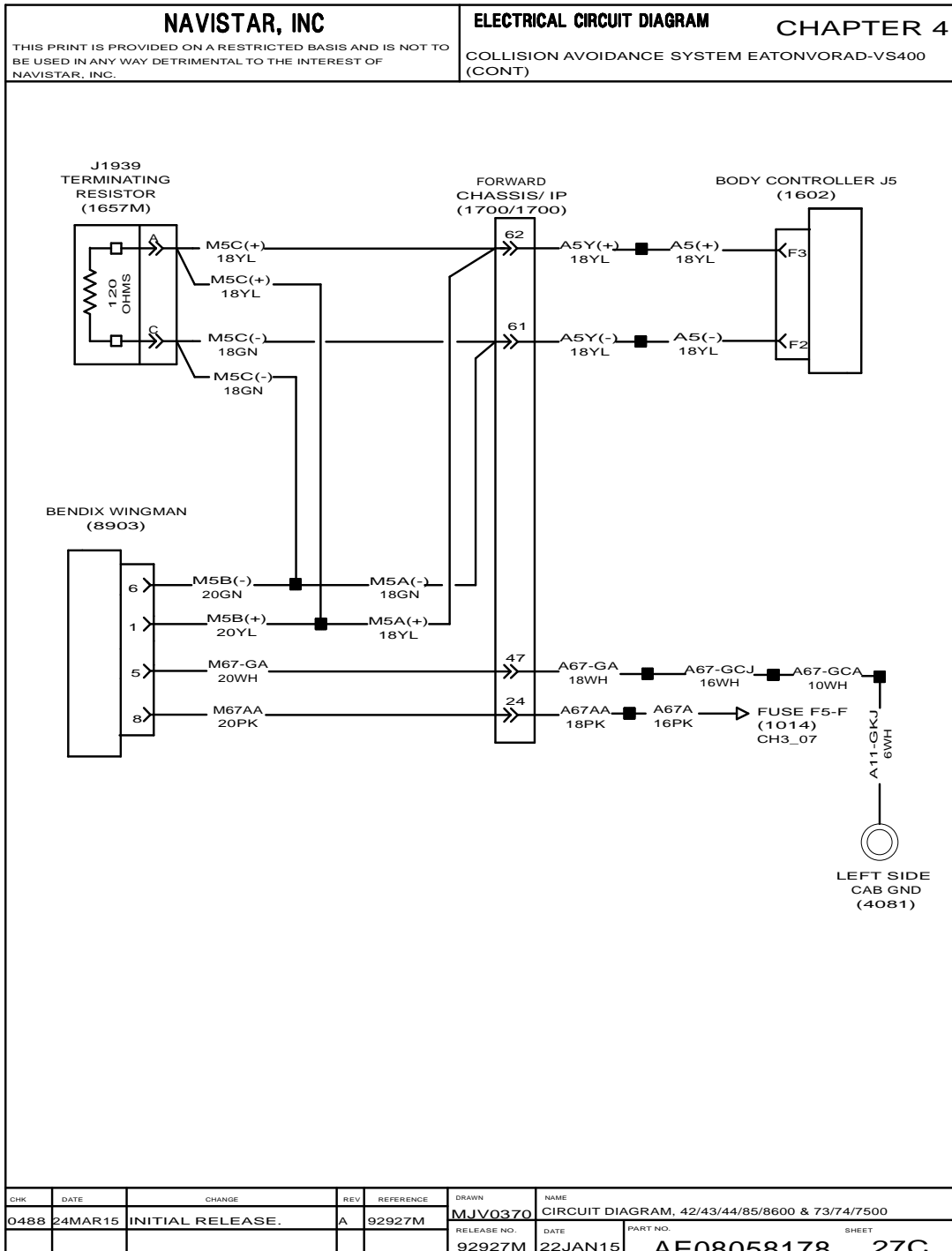


Figure 156 Collision Avoidance System Eaton Vorad VS400 (Cont.)

4.34. BACK-UP CAMERA, P. 28

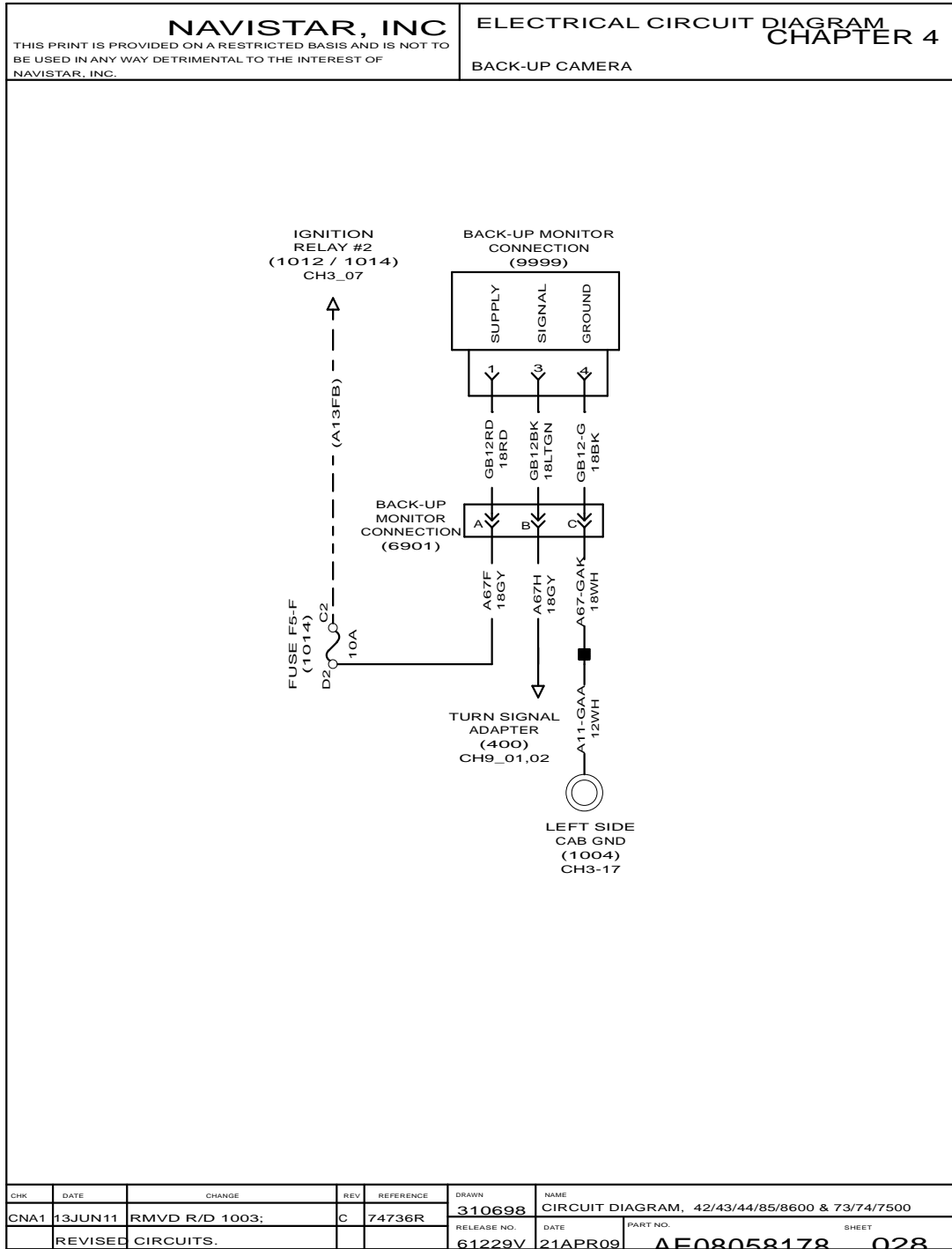


Figure 157 Back-Up Camera

4.35. SATELLITE COMMUNICATION – QUALCOMM IMCT WITH MVPC KEYBOARD,
P. 29

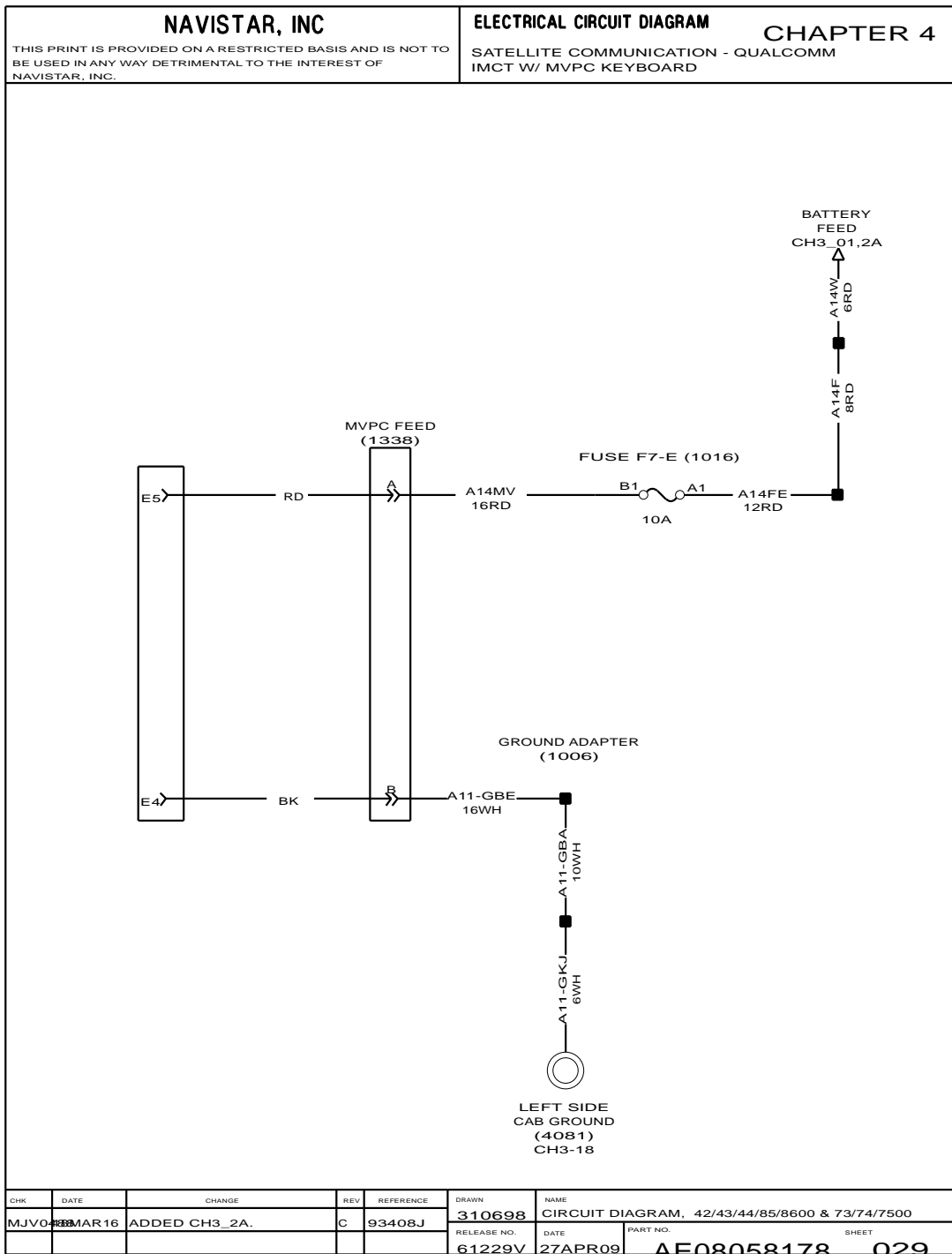


Figure 158 Satellite Communication – Qualcomm IMCT with MVPC Keyboard

4.36. AIR SHIELD LIGHT, P. 30

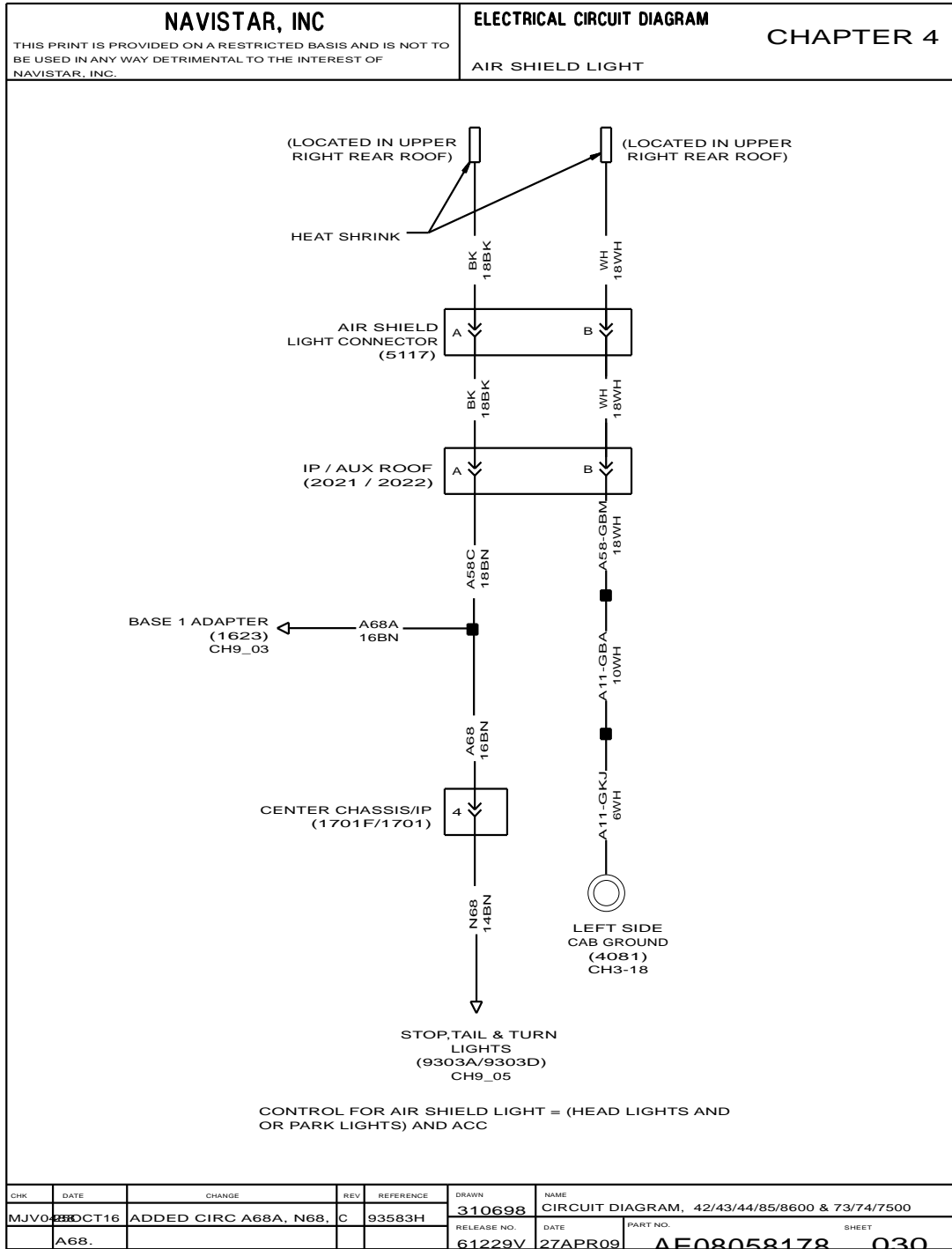


Figure 159 Air Shield Light

4.37. SATELLITE COMMUNICATION – QUALCOMM OMNIVISION, P. 31

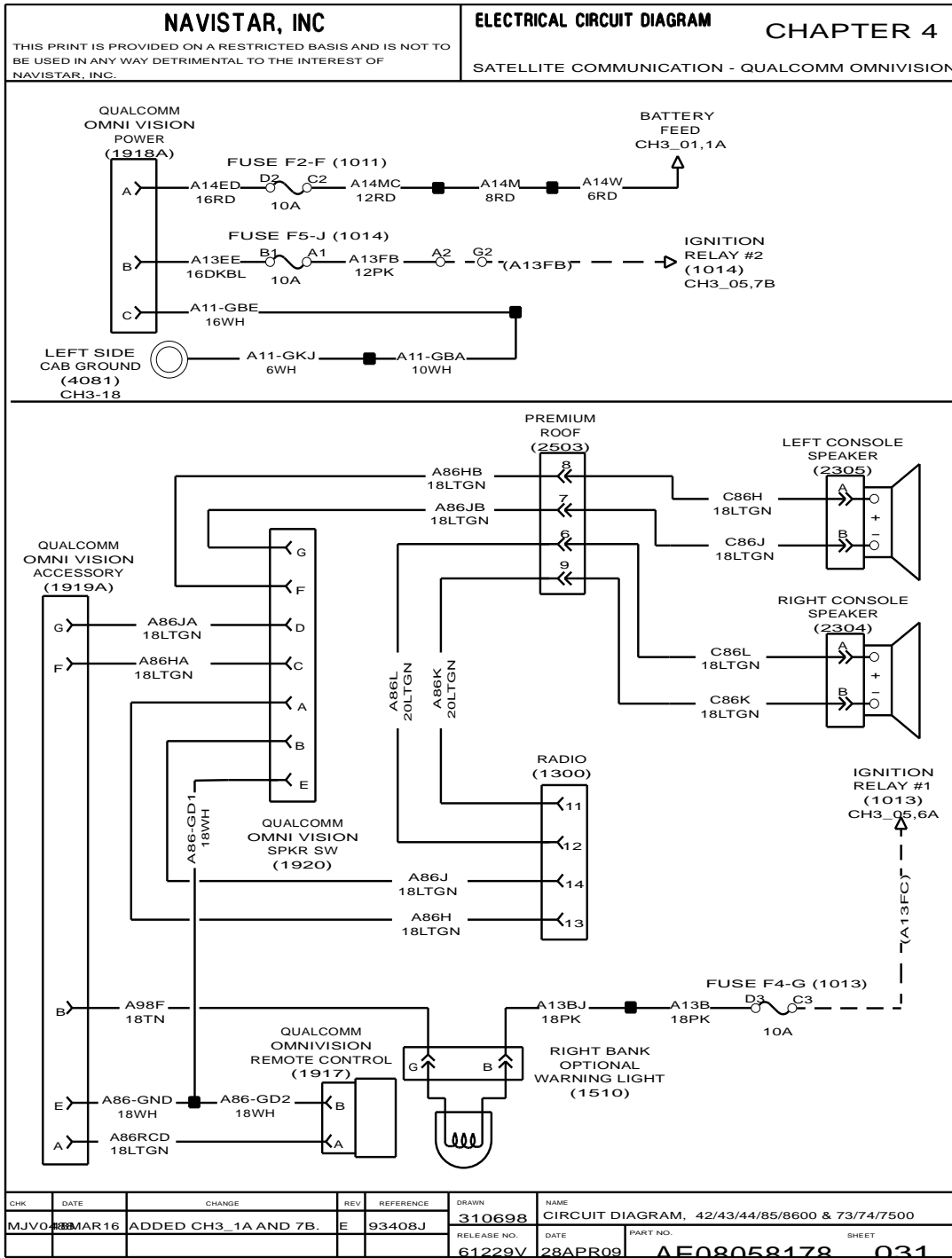


Figure 160 Satellite Communication – Qualcomm Omnivision

4.38. RADIO (ENTERTAINMENT), SPEAKERS – WITH 12 WAY CONNECTOR, P. 32

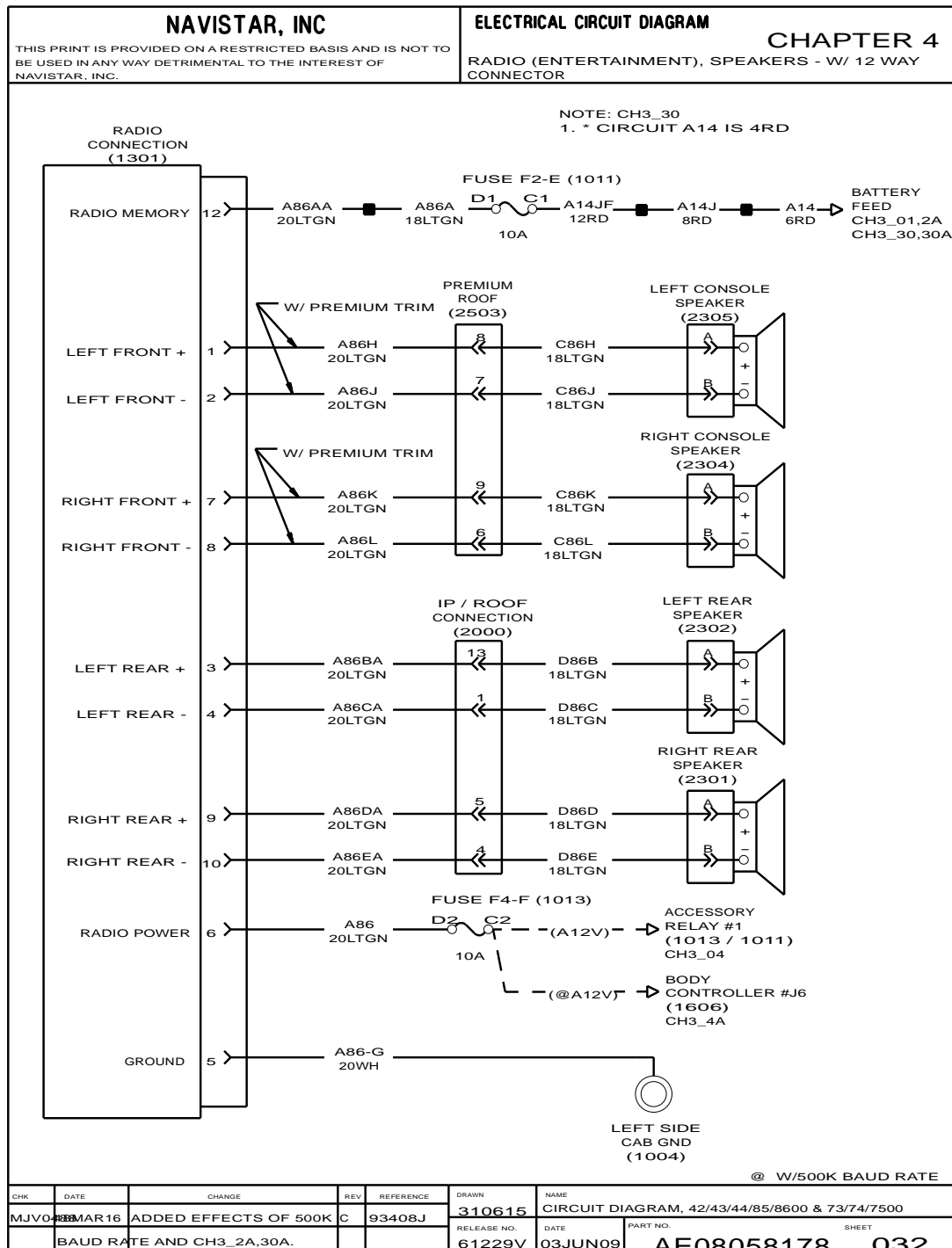


Figure 161 Radio (Entertainment), Speakers – with 12 Way Connector

4.39. RADIO (ENTERTAINMENT), SPEAKERS - WITH 16 WAY CONNECTOR, P. 33

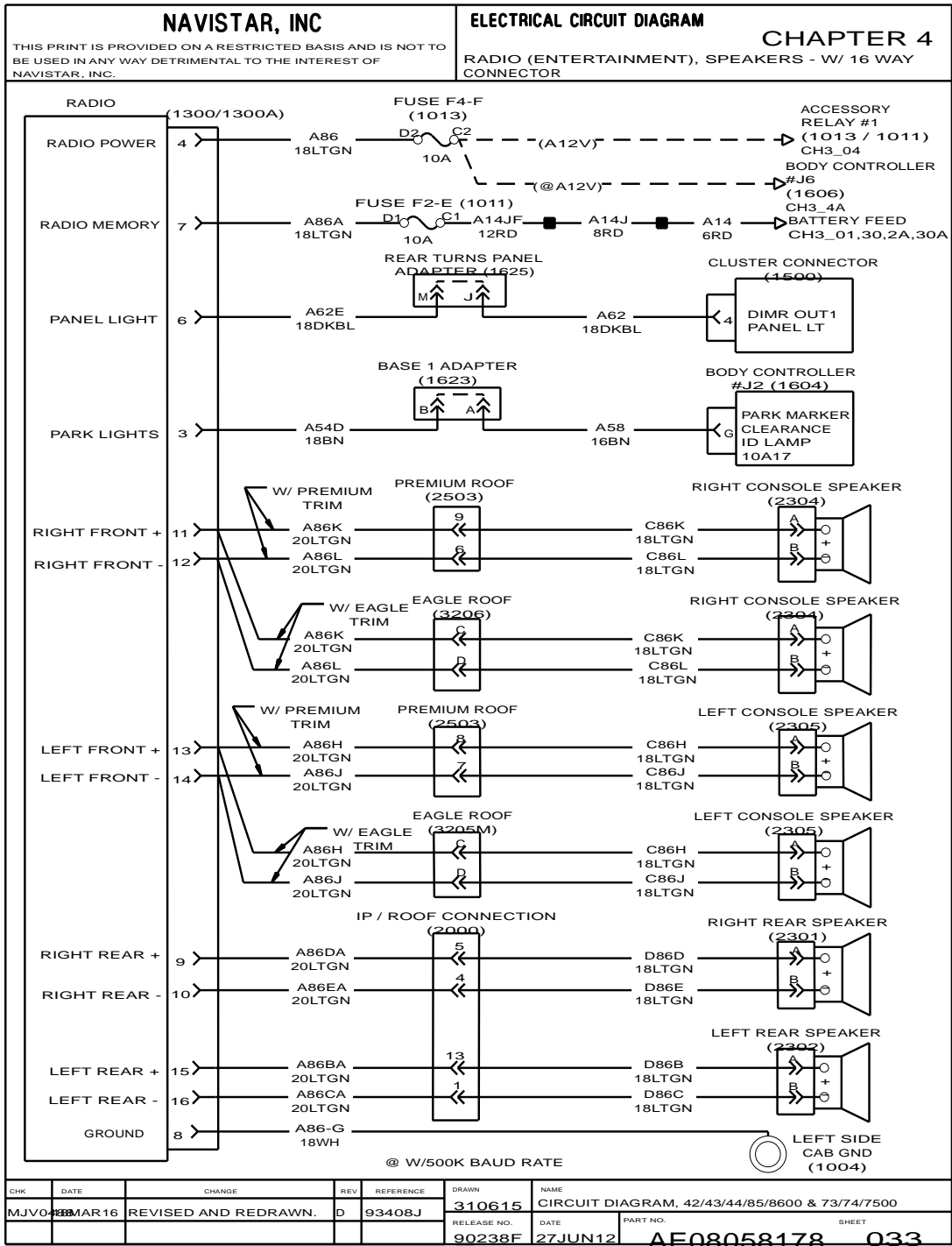


Figure 162 Radio (Entertainment), Speakers - with 16 Way Connector

4.40. RADIO (ENTERTAINMENT), SPEAKERS - WITH 16 WAY CONNECTOR (CONT.), P. 33A

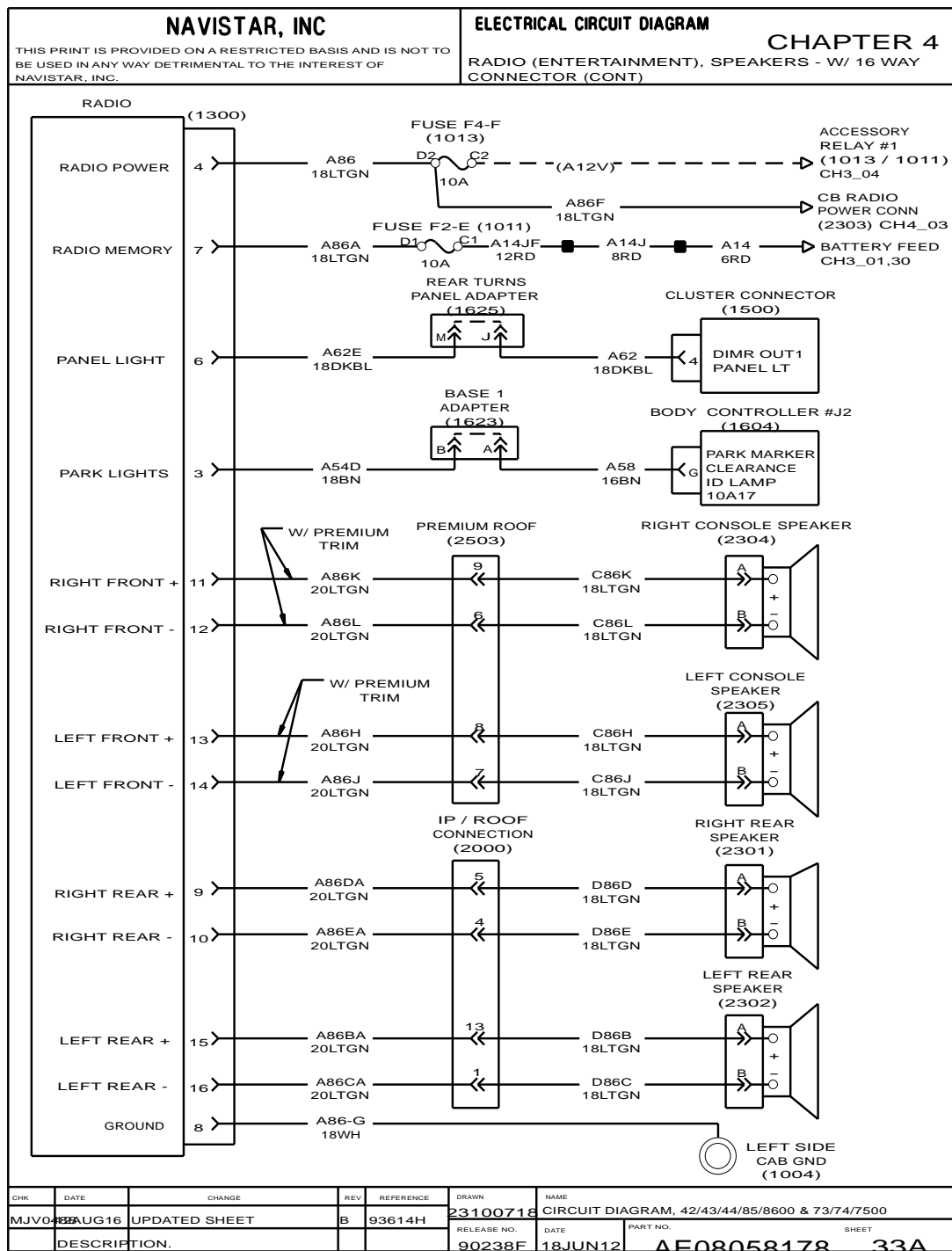


Figure 163 Radio (Entertainment), Speakers - with 16 Way Connector (Cont.)

4.41. RADIO (ENTERTAINMENT), SPEAKERS – WITH 16 WAY CONNECTOR (CONT.), P. 33B

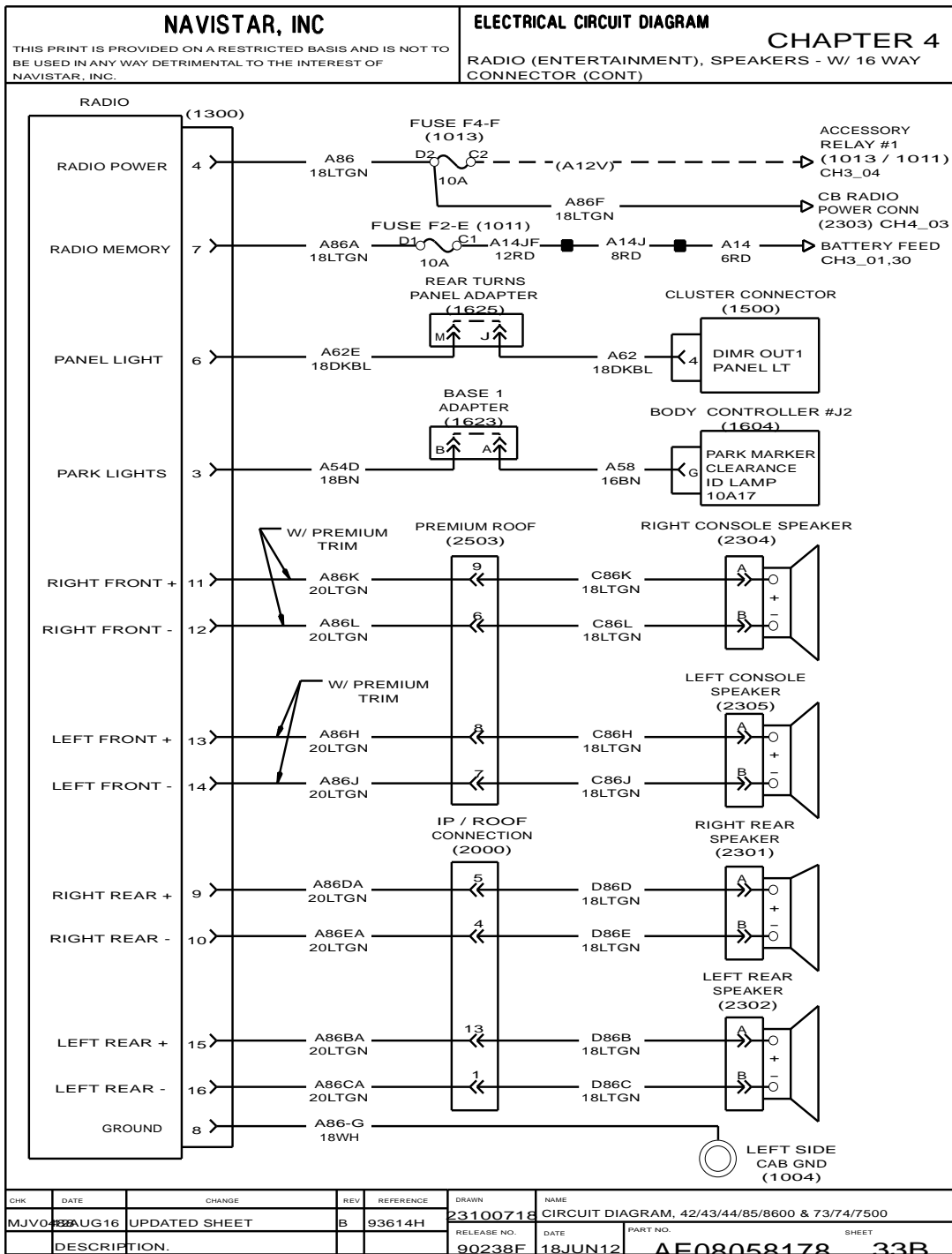


Figure 164 Radio (Entertainment), Speakers – with 16 Way Connector (Cont.)

4.42. RADIO (ENTERTAINMENT), SPEAKERS – WITH 16 WAY CONNECTOR (CONT.), P. 33C

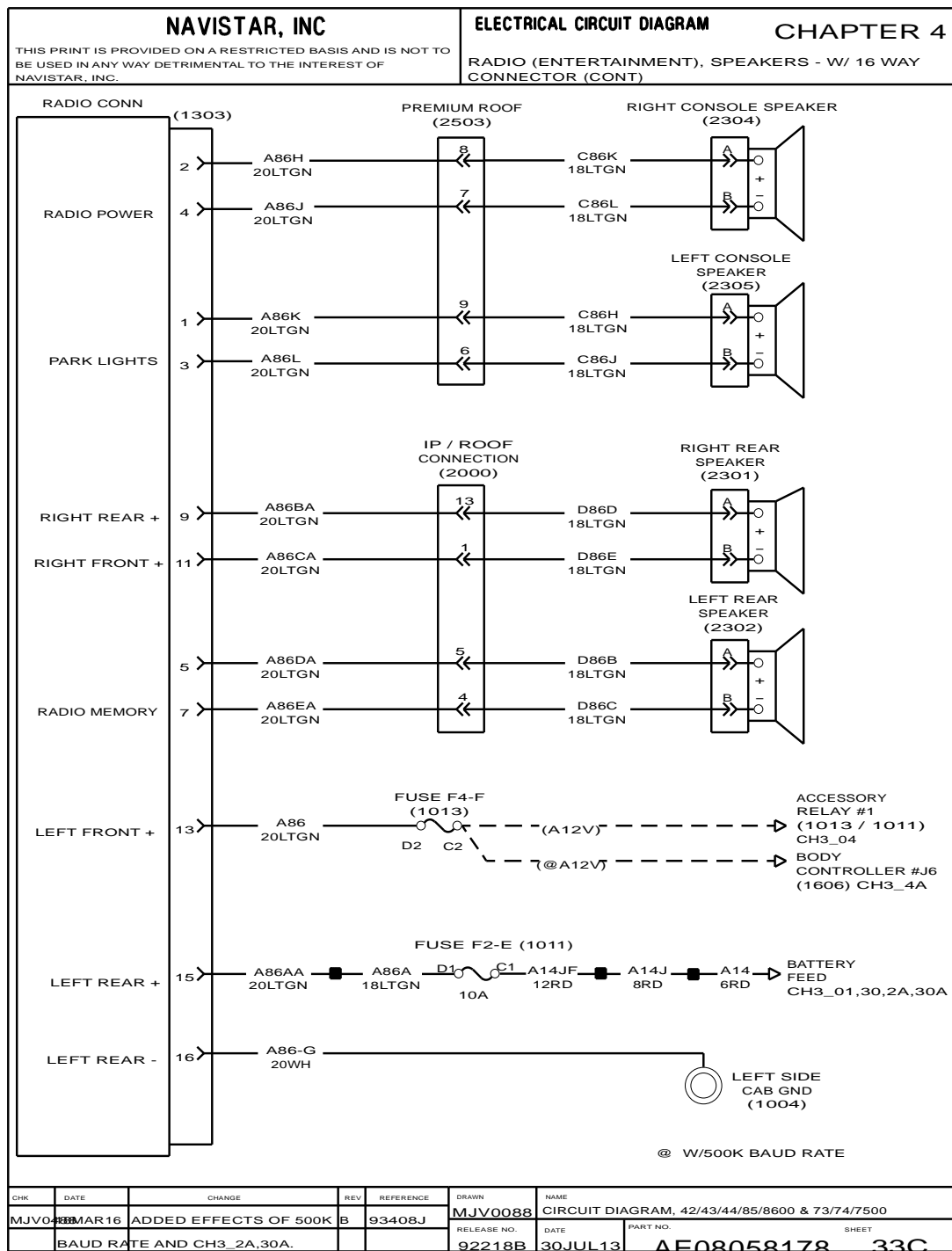


Figure 165 Radio (Entertainment), Speakers – with 16 Way Connector (Cont.)

4.43. RADIO (ENTERTAINMENT), SPEAKERS – WITH 16 WAY CONNECTOR (CONT.), P. 33D

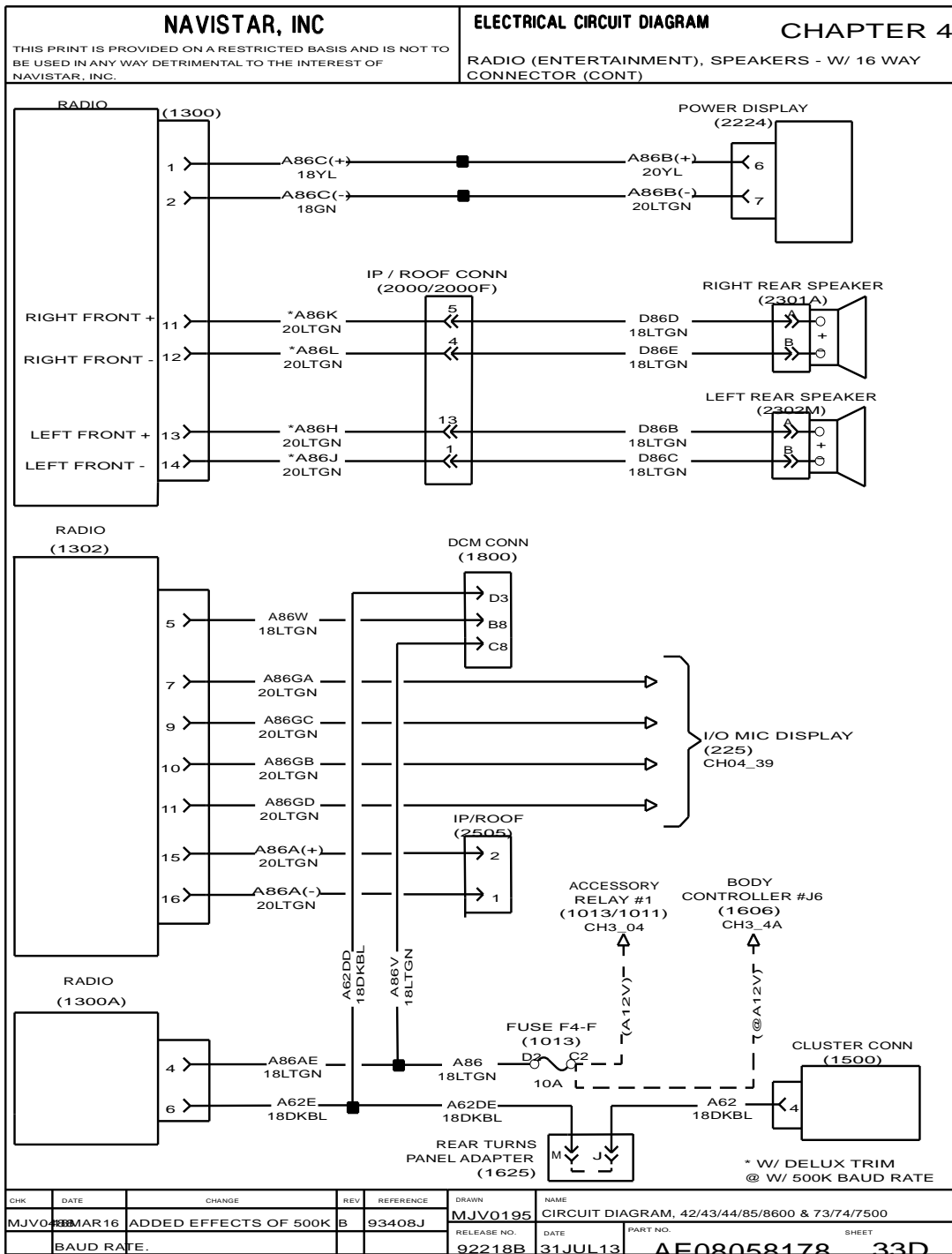


Figure 166 Radio (Entertainment), Speakers – with 16 Way Connector (Cont.)

4.44. SEATBELT AND SEAT SENSOR, P. 34

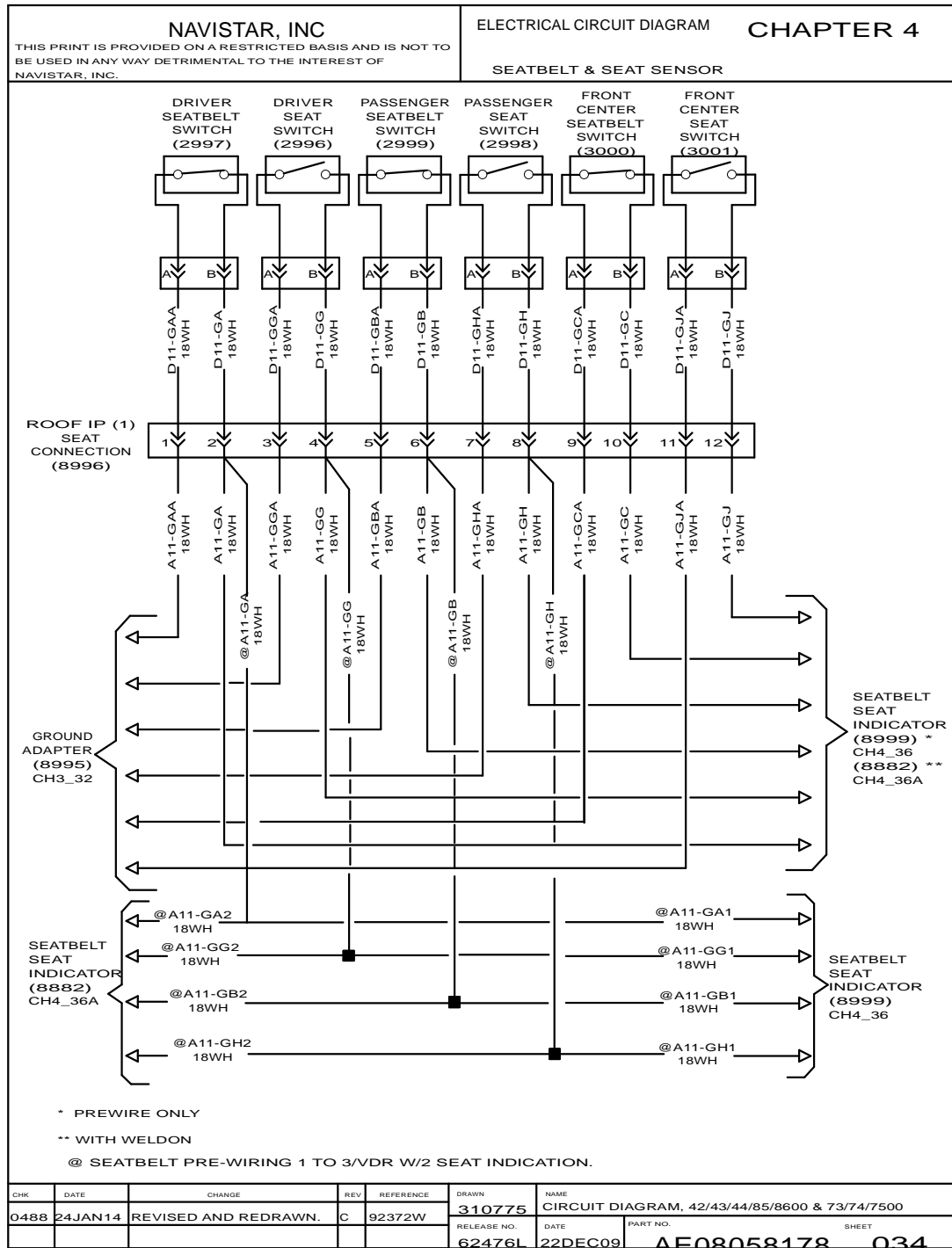


Figure 167 Seatbelt and Seat Sensor

4.45. SEATBELT AND SEAT SENSOR (CONT.), P. 35

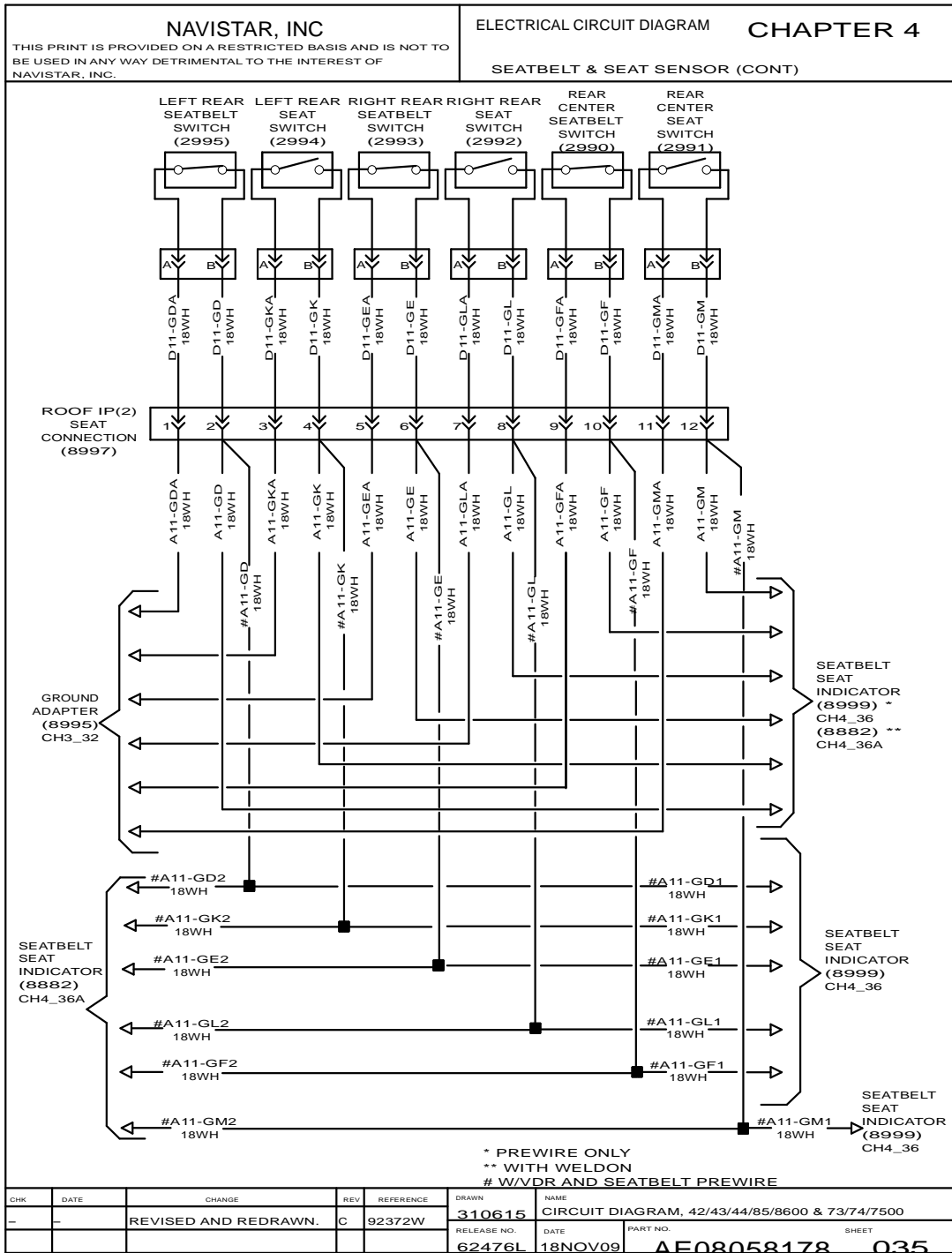


Figure 168 Seatbelt and Seat Sensor (Cont.)

4.46. SEATBELT AND SEAT SENSOR (CONT.), P. 36

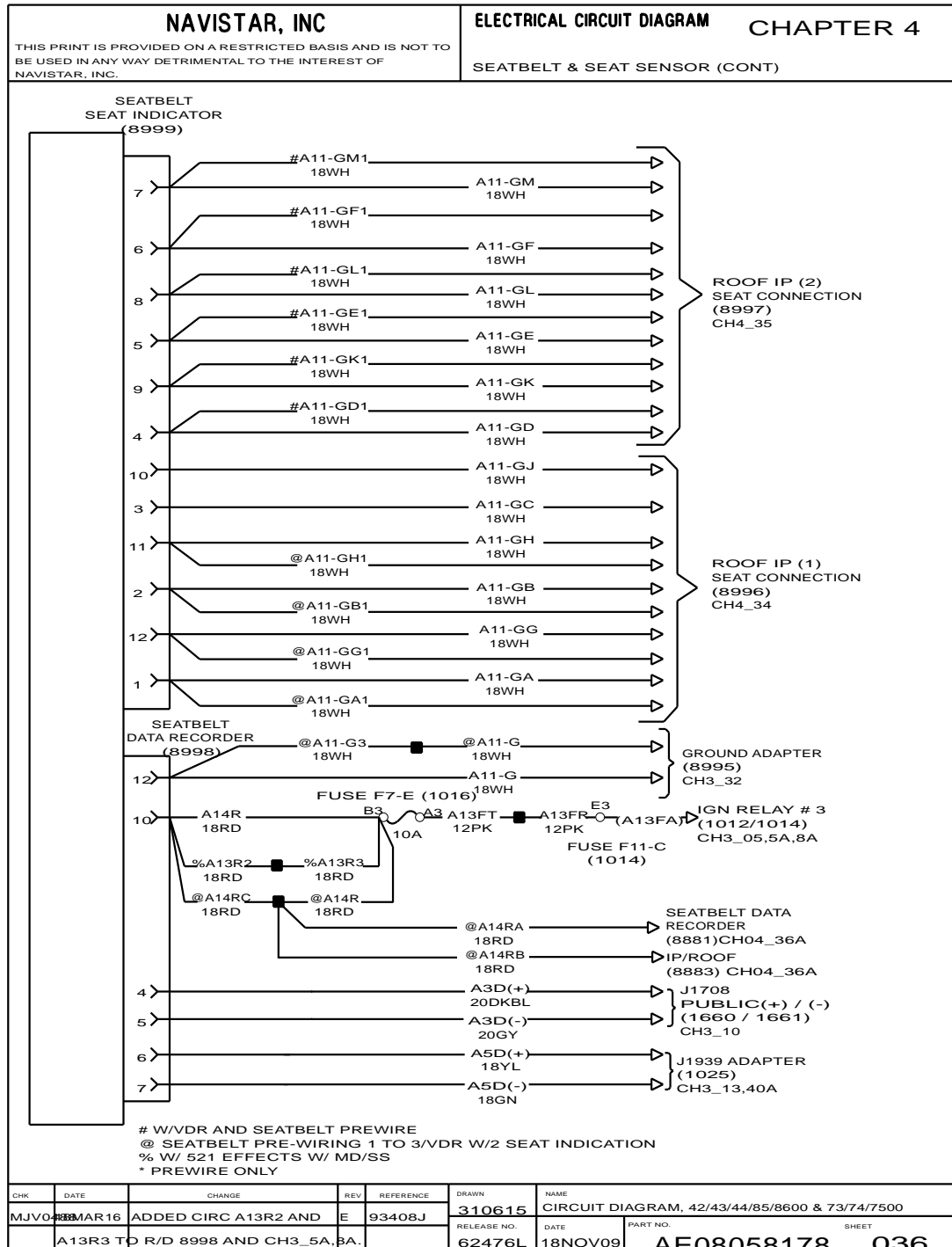


Figure 169 Seatbelt and Seat Sensor (Cont.)

4.47. SEATBELT AND SEAT SENSOR (CONT.), P. 36A

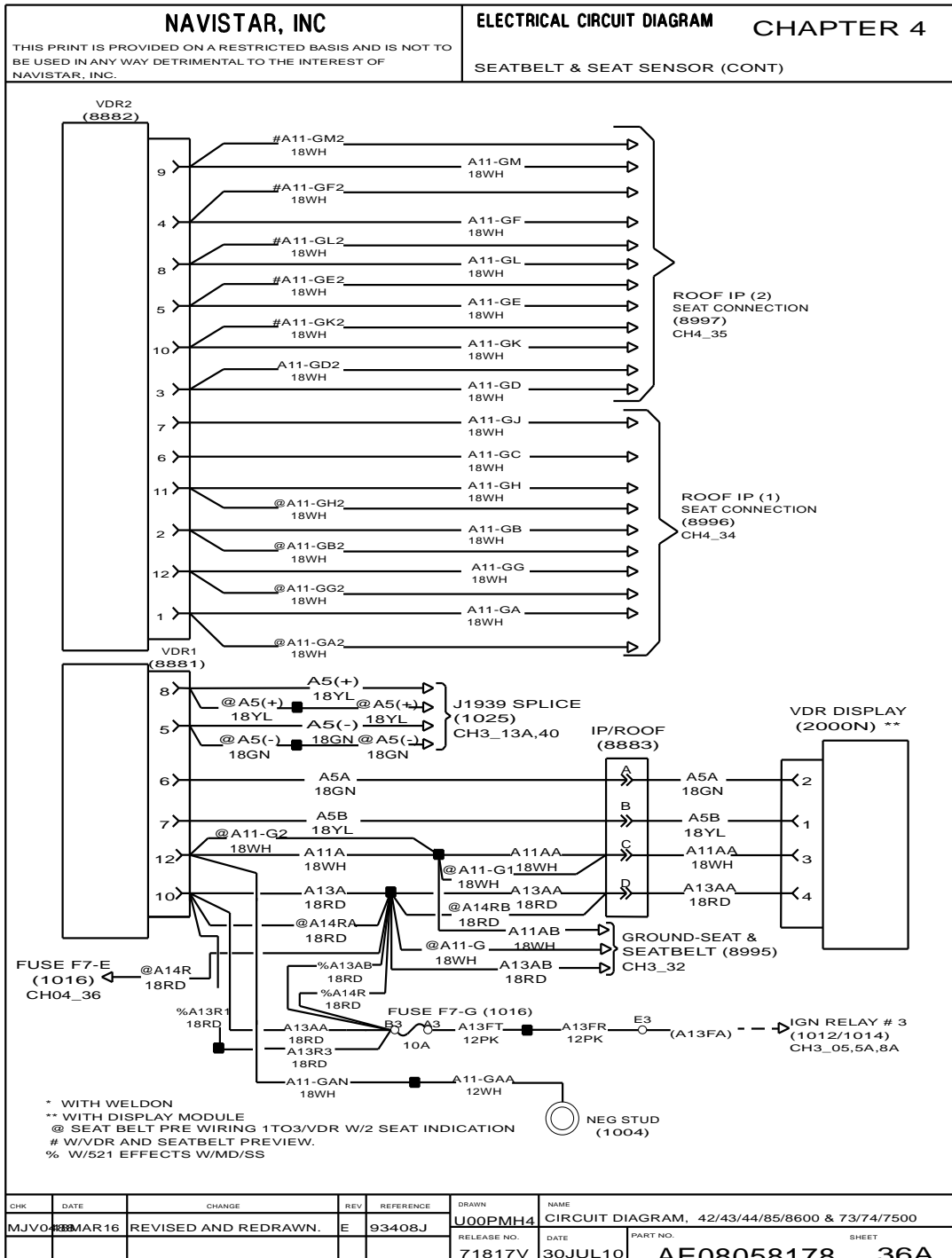


Figure 170 Seatbelt and Seat Sensor (Cont.)

4.48. DRIVER AND SEATBELT ALARM, P. 36B

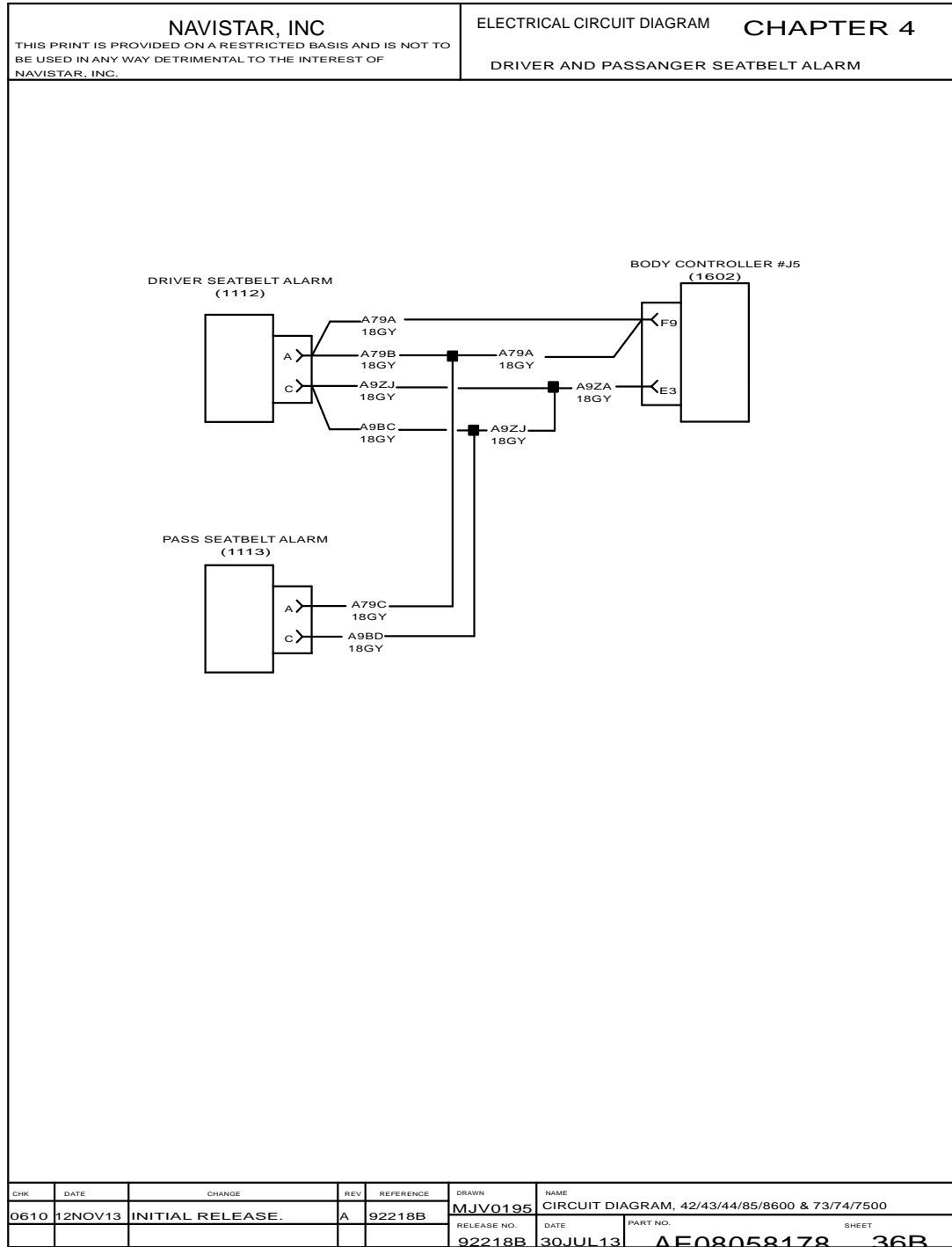


Figure 171 Driver and Seatbelt Alarm

4.49. PASS CODE, P. 37

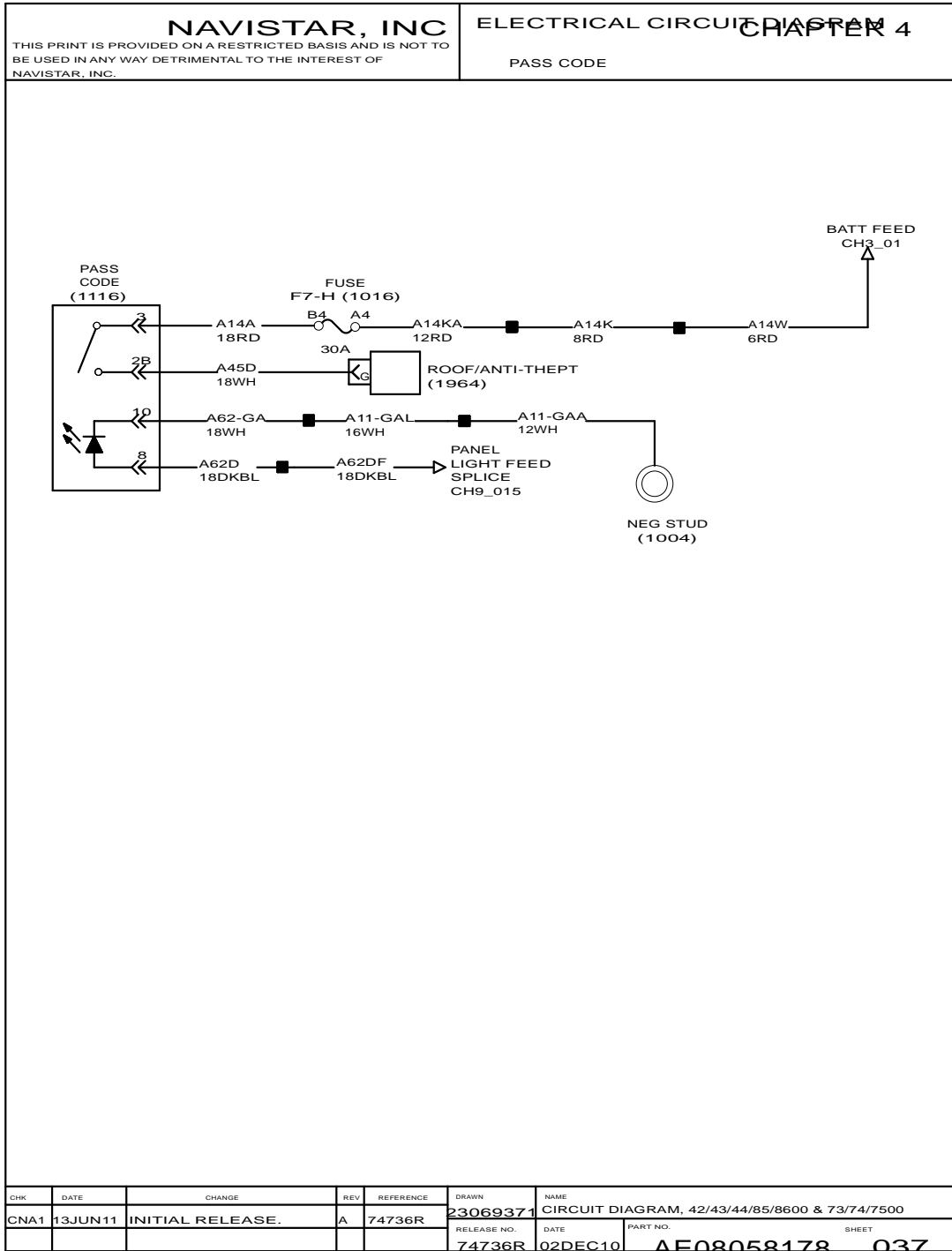


Figure 172 Pass Code

4.50. DRIVER DISPLAY – VEHICLE INFORMATION, P. 38

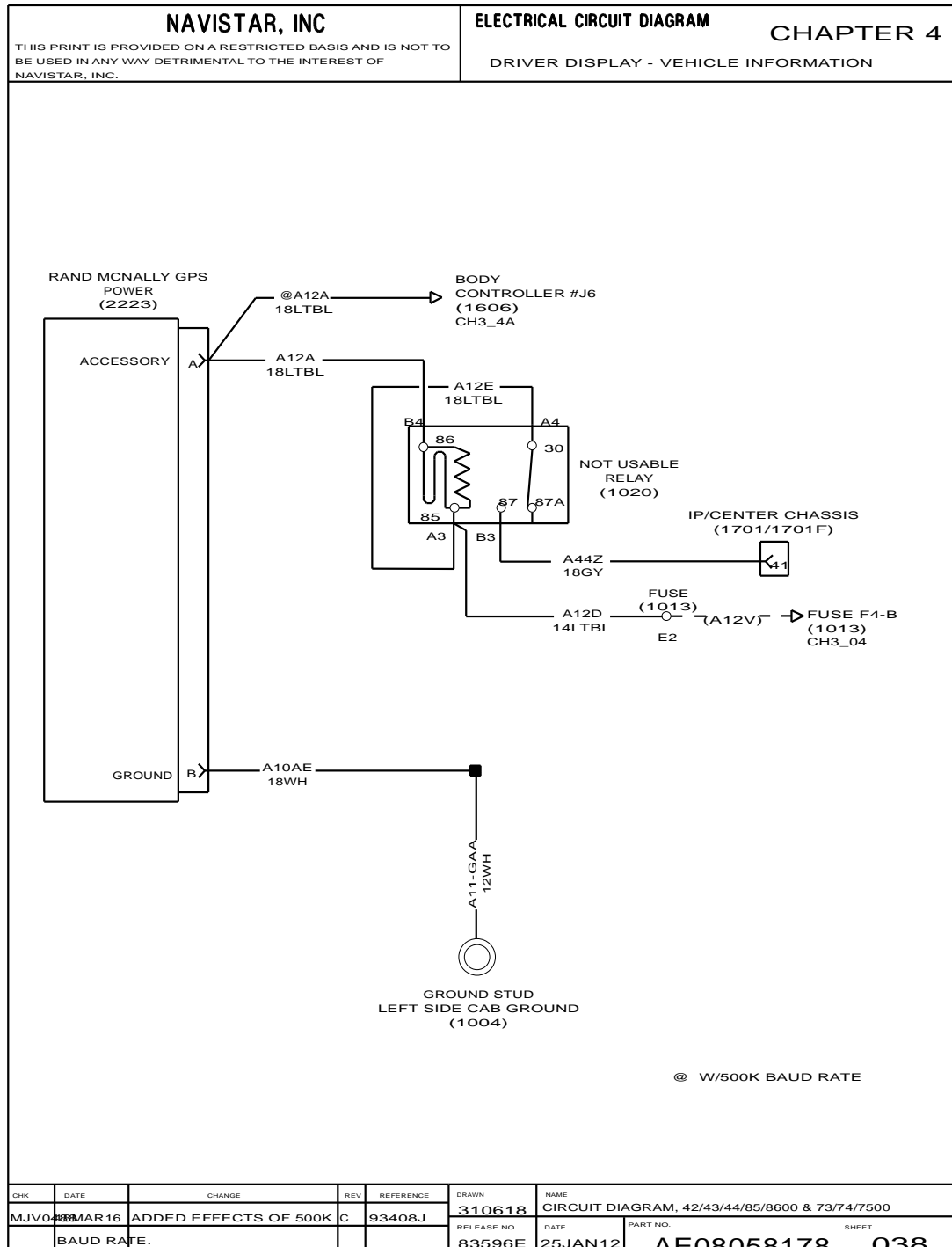


Figure 173 Driver Display – Vehicle Information

4.51. DRIVER DISPLAY – VEHICLE INFORMATION (CONT.), P. 39

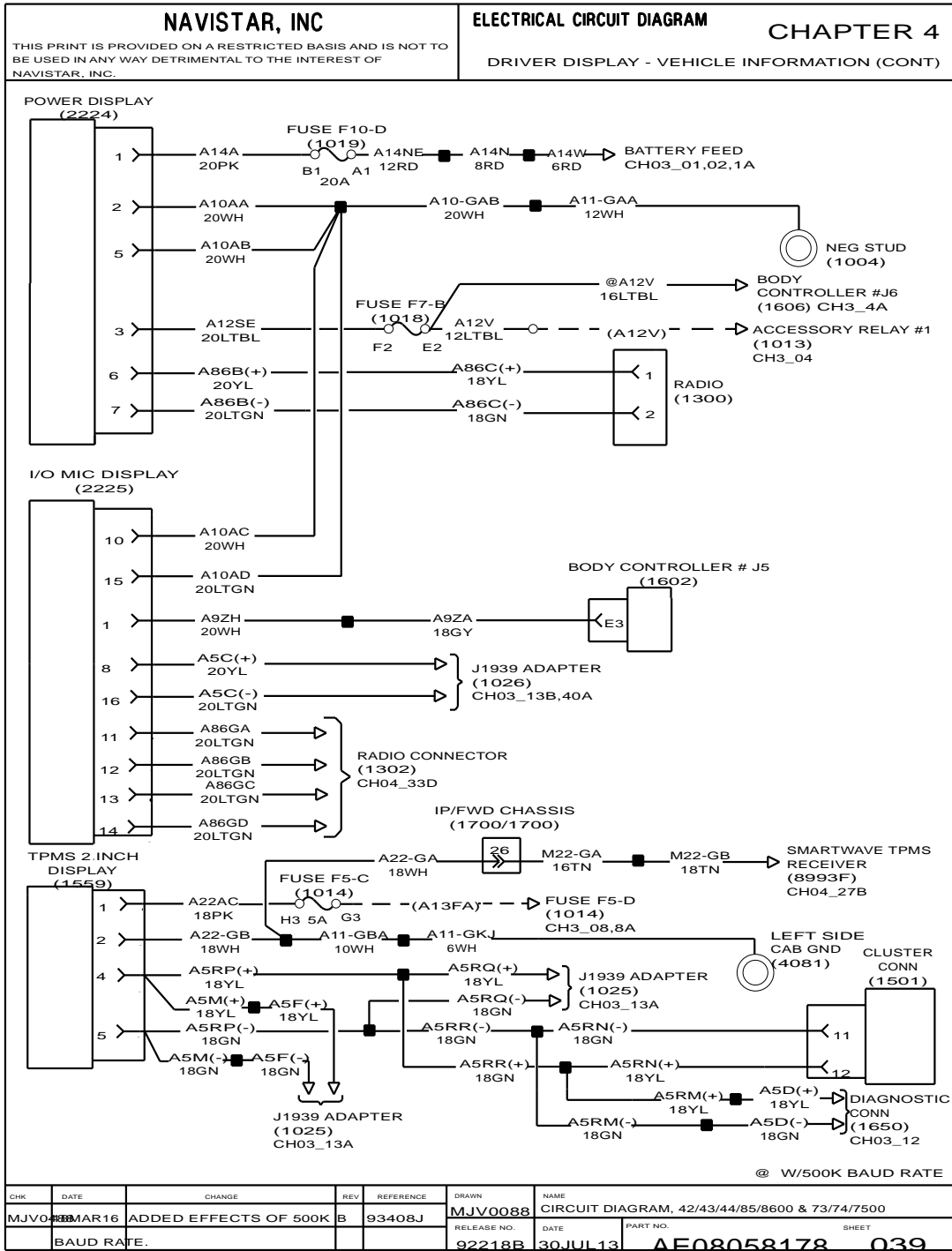


Figure 174 Driver Display – Vehicle Information (Cont.)

4.52. INTENTIONALLY LEFT BLANK, P. 40

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 4	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				INTENTIONALLY LEFT BLANK			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
MJV0	23 OCT 16	REMOVED GEOMETRY.	C	93583H	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
					RELEASE NO.	DATE	PART NO.
					92218B	30 JUL 13	AE08058178
							SHEET 040

Figure 175 Intentionally Left Blank

4.53. SATELLITE COMM WITH ANTENNA, CABLE AND TRANSISTOR, P. 41

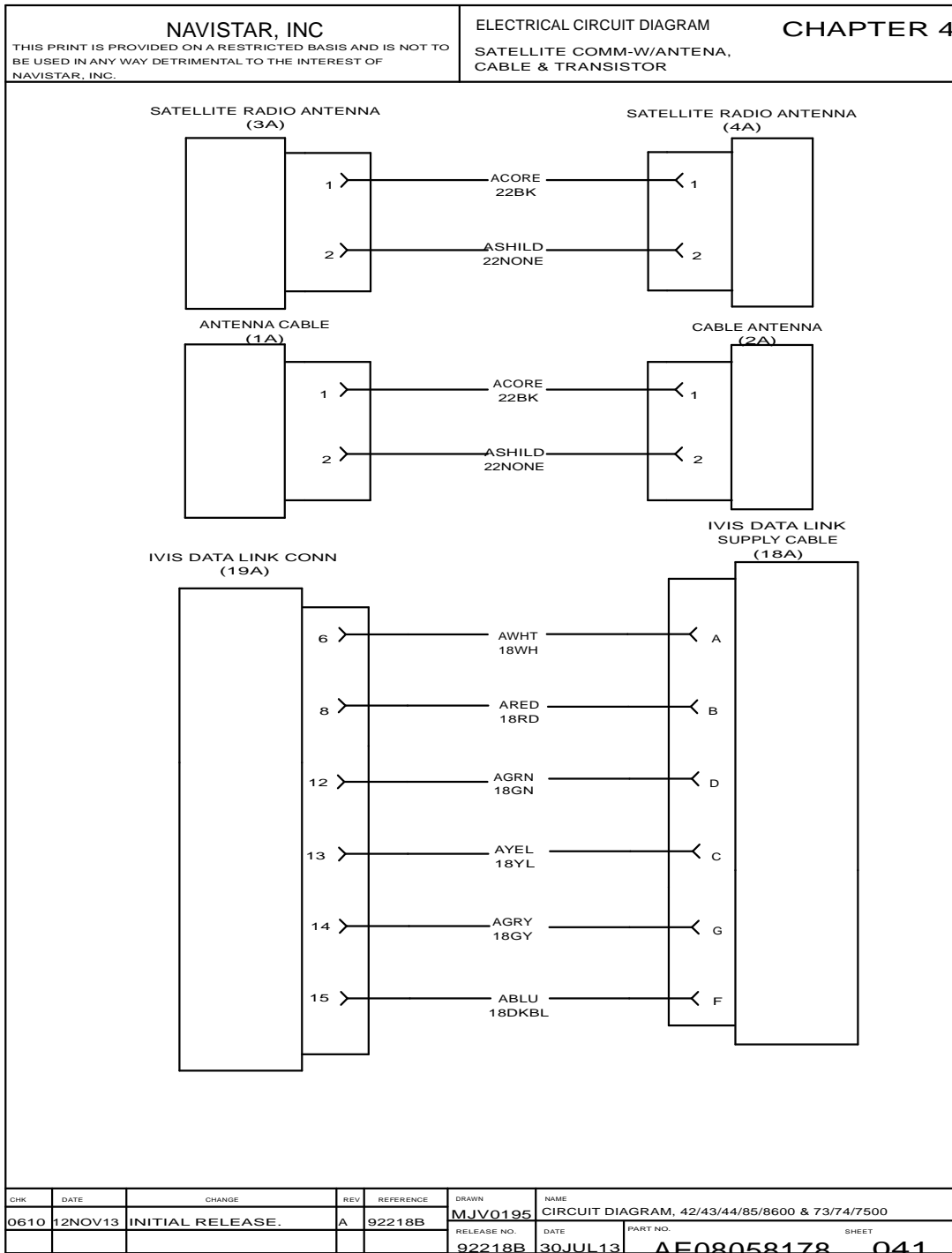


Figure 176 Satellite Comm with Antenna, Cable and Transistor

4.54. DATA LINK TRANSLATOR, P. 42

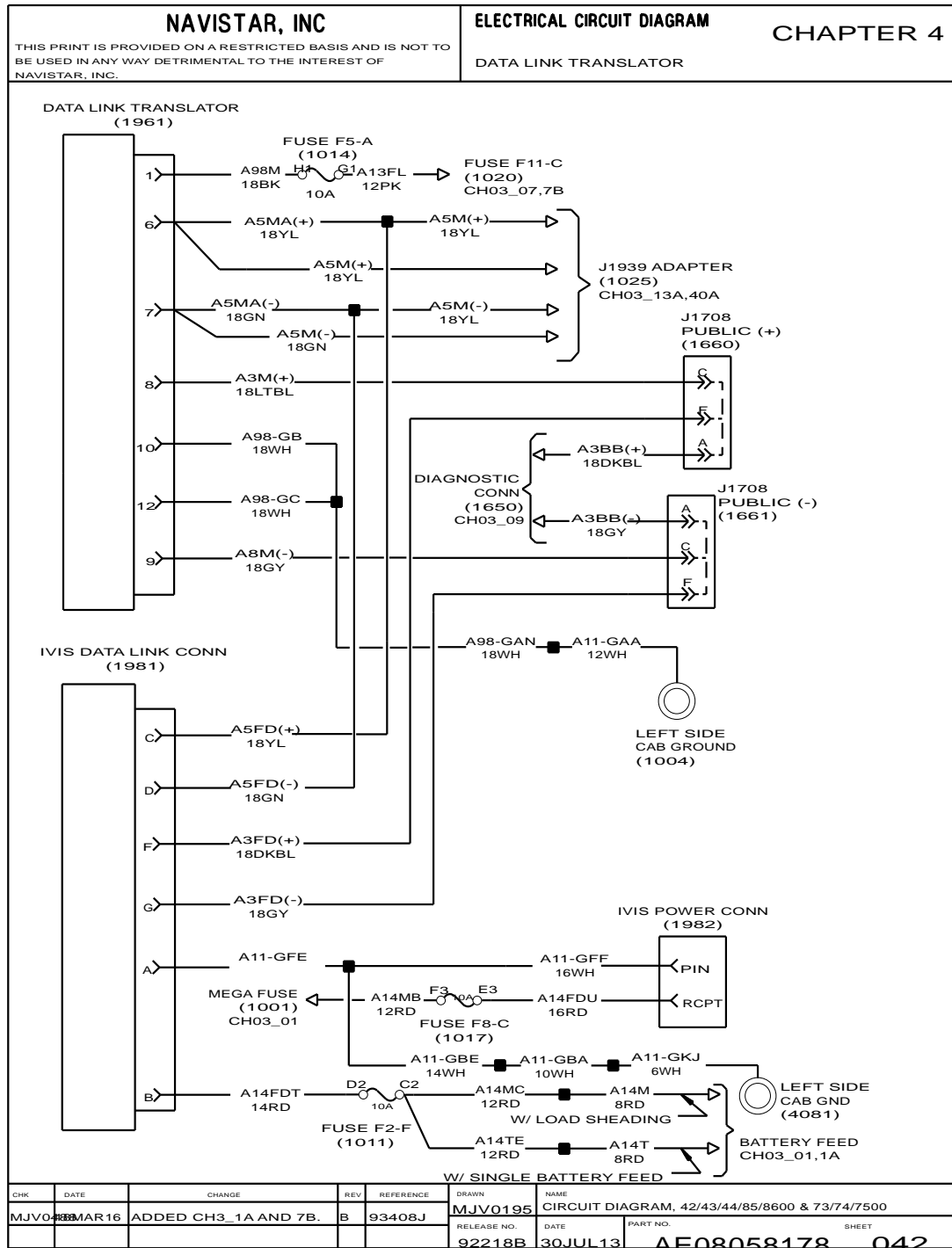


Figure 177 Data Link Translator

4.55. PEOPLET COMMUNICATIONS, P. 43

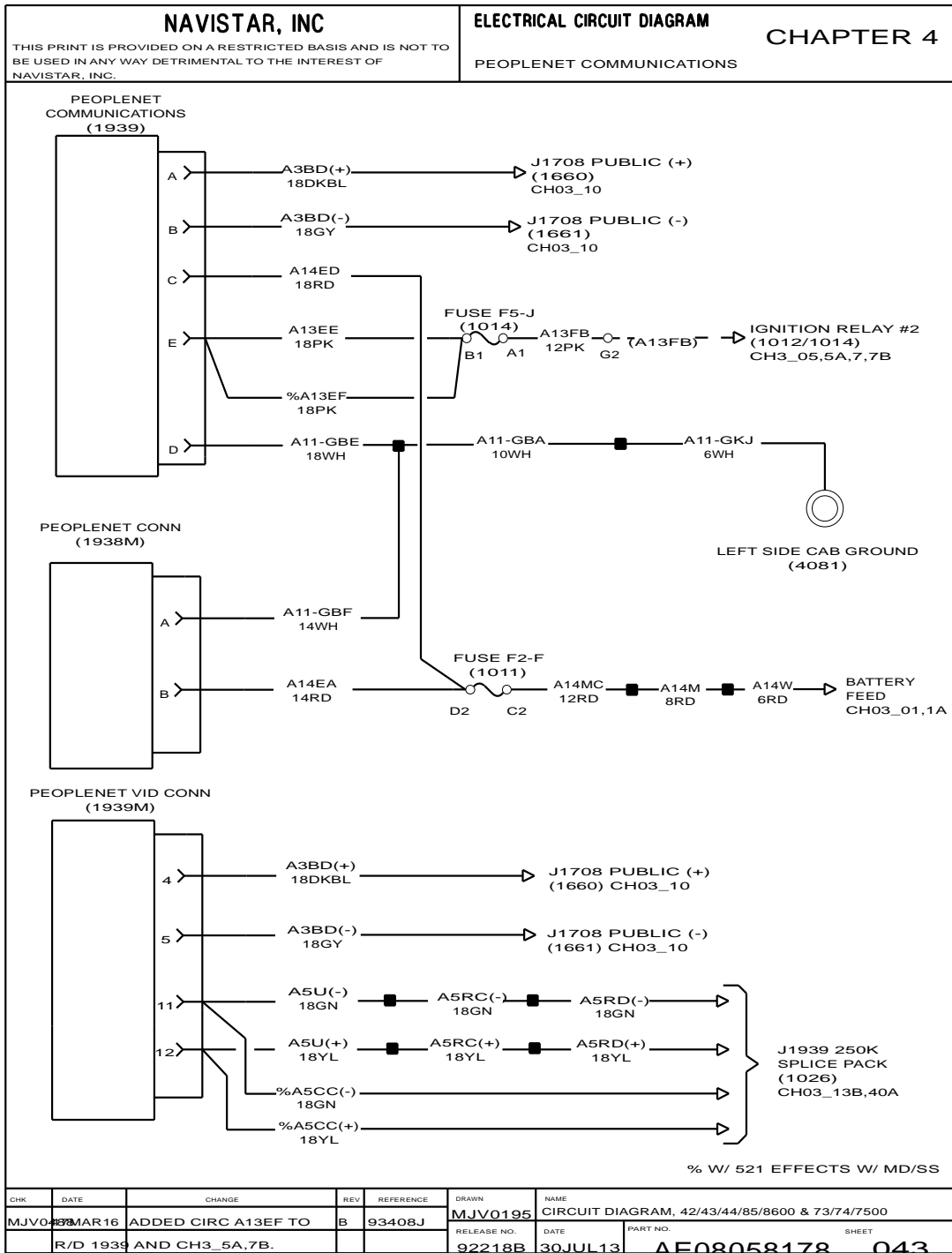


Figure 178 Peoplet Communications

4.56. BENDIX WINGMAN SYSTEM, P. 44

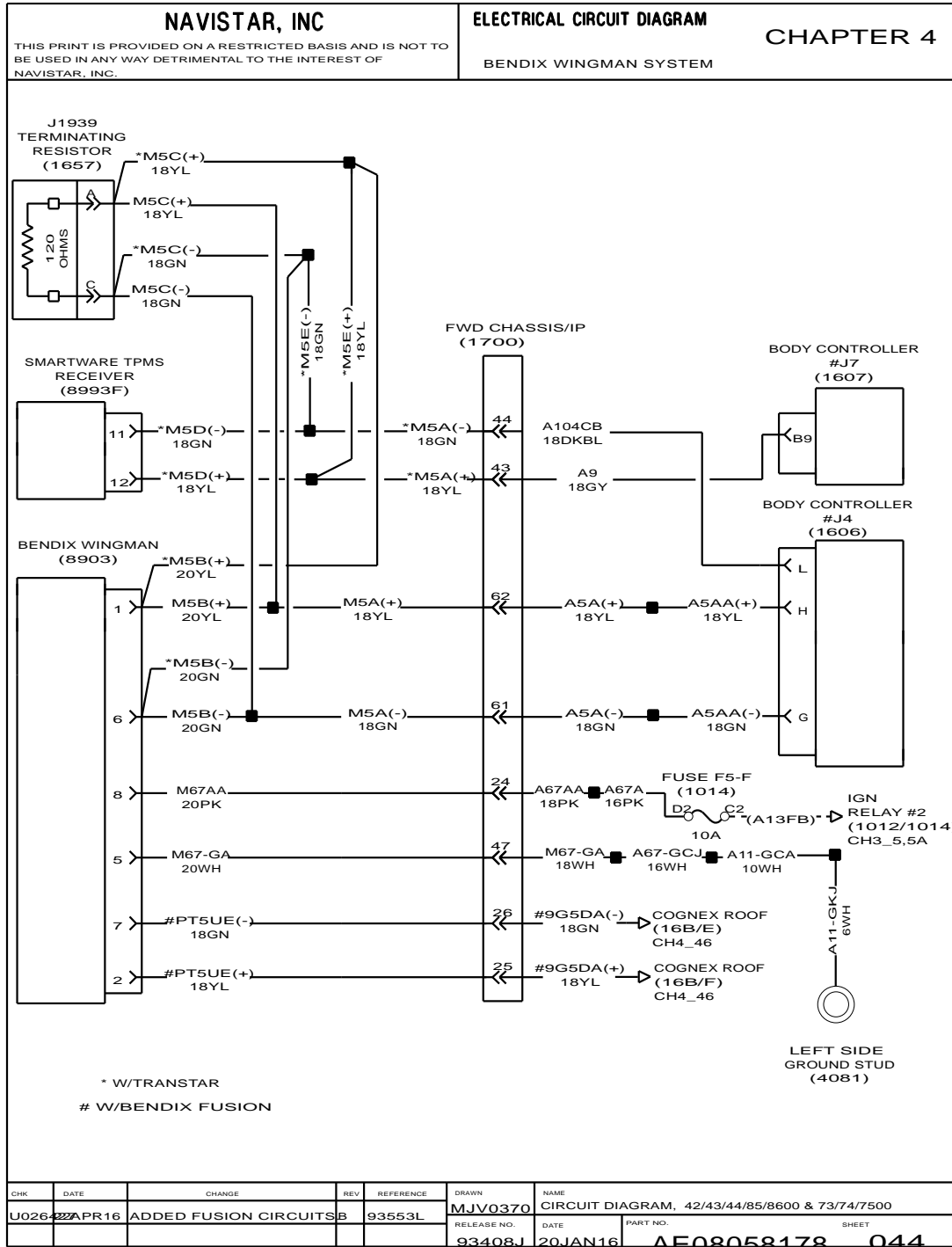


Figure 179 Bendix Wingman System

4.57. SAFETY DIRECT PROCESSOR (SDP) CONNECTIONS (BENDIX FUSION), P. 44A

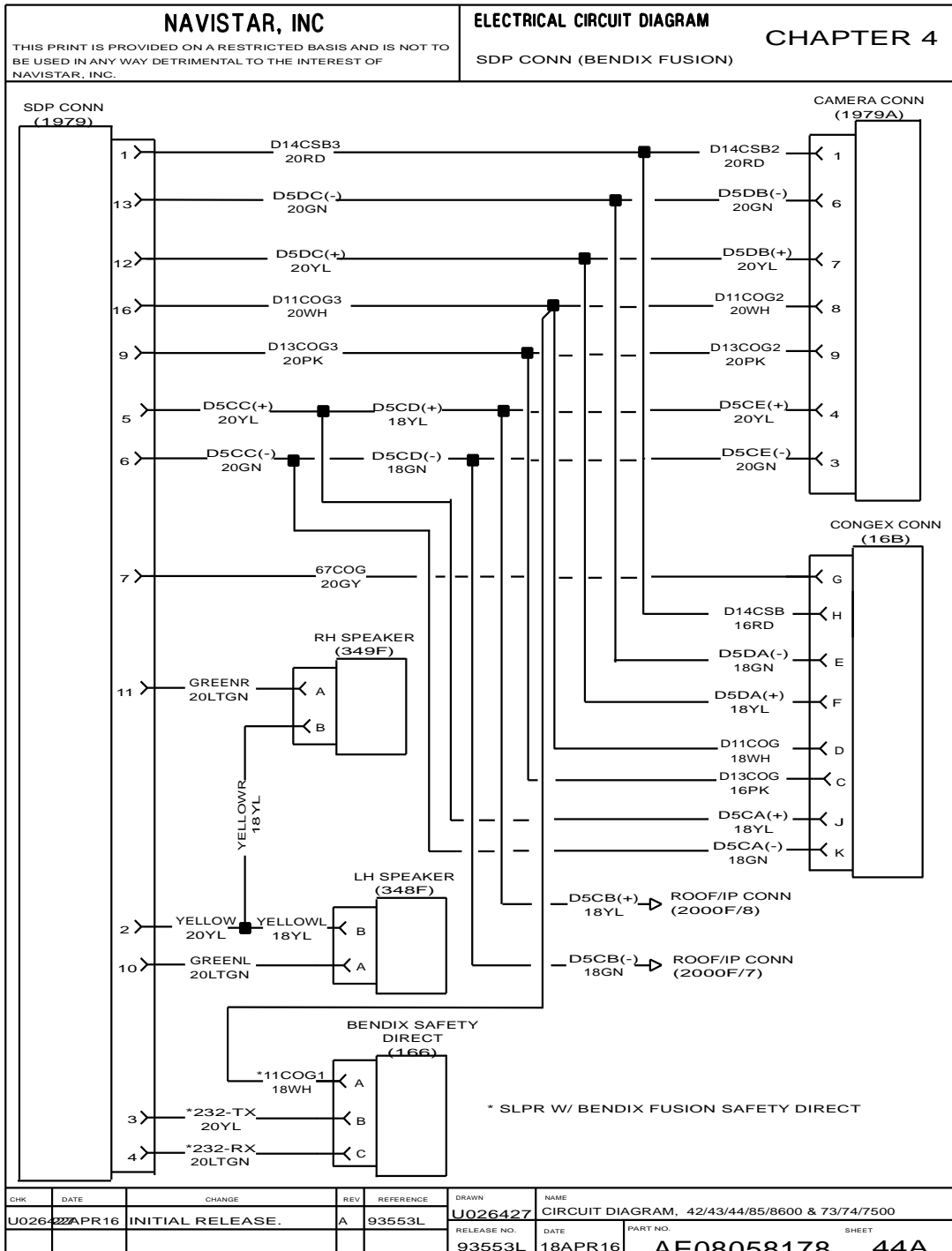


Figure 180 Safety Direct Processor (SDP) Connections (Bendix Fusion)

4.58. BENDIX DEPART (SMARTCRUISE WITH BENDIX FUSION), P. 44B

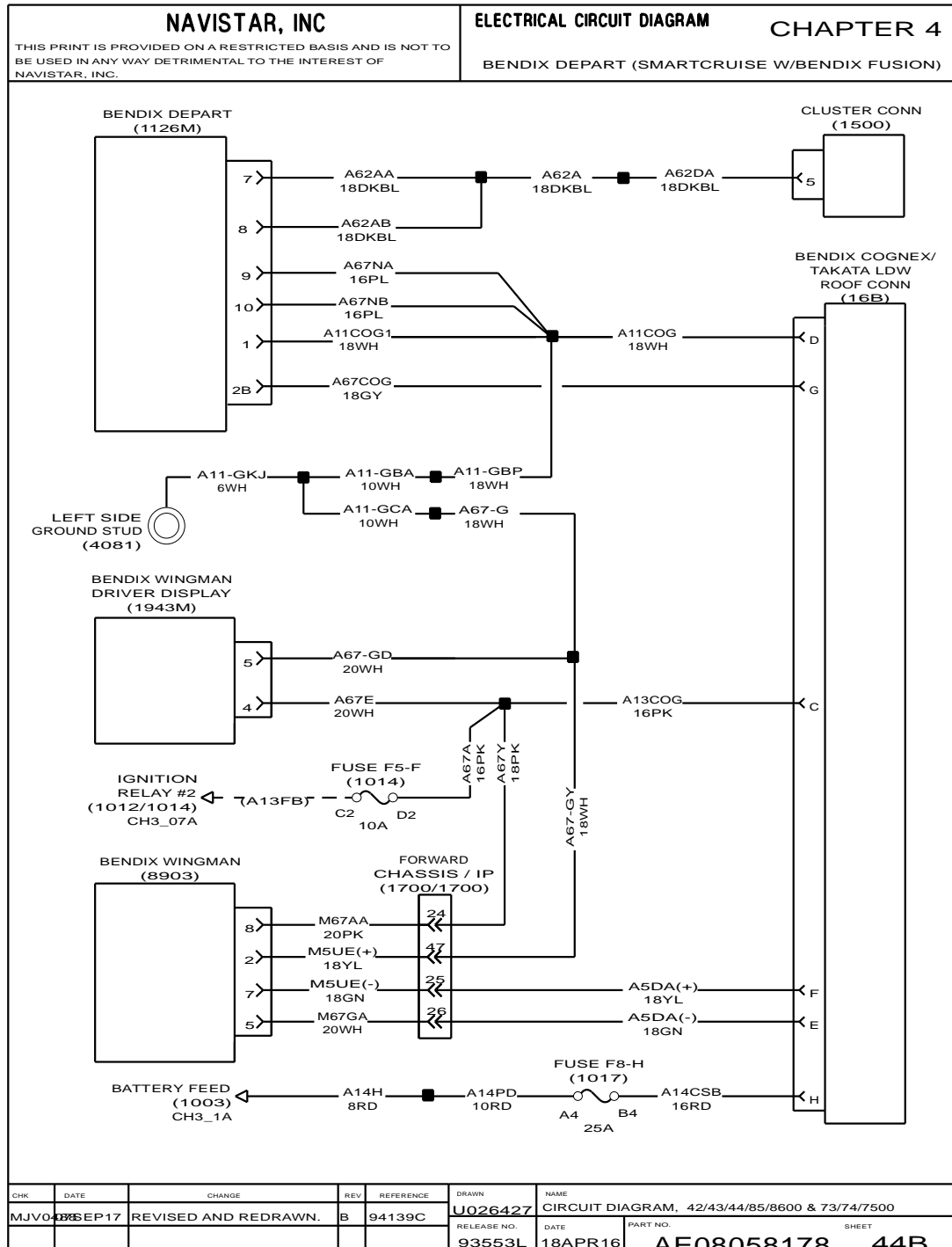


Figure 181 Bendix Depart (SmartCruise with Bendix Fusion)

4.59. EV DISCONNECT SWITCH WITH HIGH & LOW VISIBILITY, WITH MID & LOW CAB, WITH ISB & I6 ENGINE, P. 45

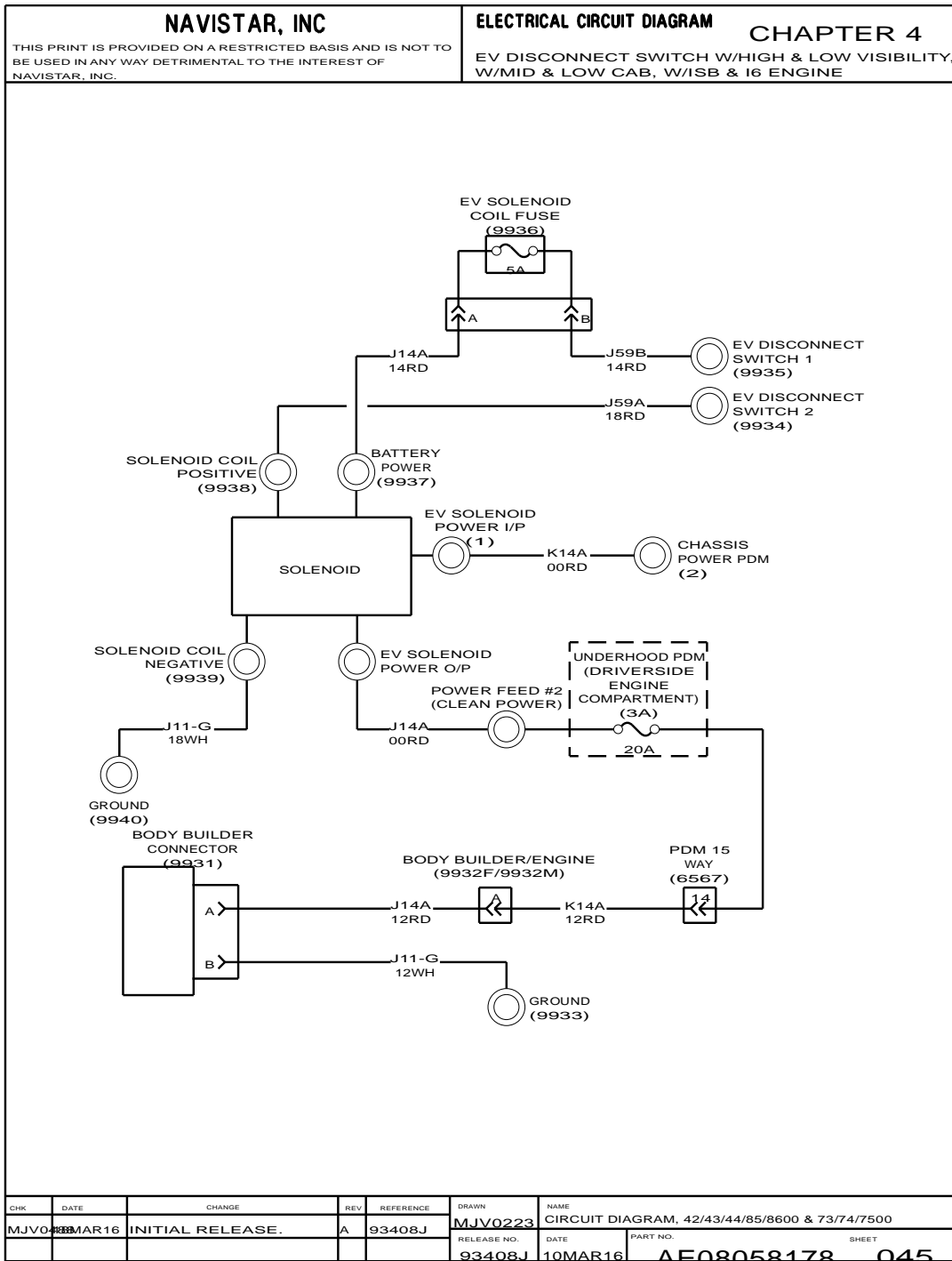


Figure 182 EV Disconnect Switch with High & Low Visibility, with Mid & Low Cab, with ISB & I6 Engine

4.60. COMPUTER PREWIRED – XATANET WITH J1939 SYSTEM, P. 46

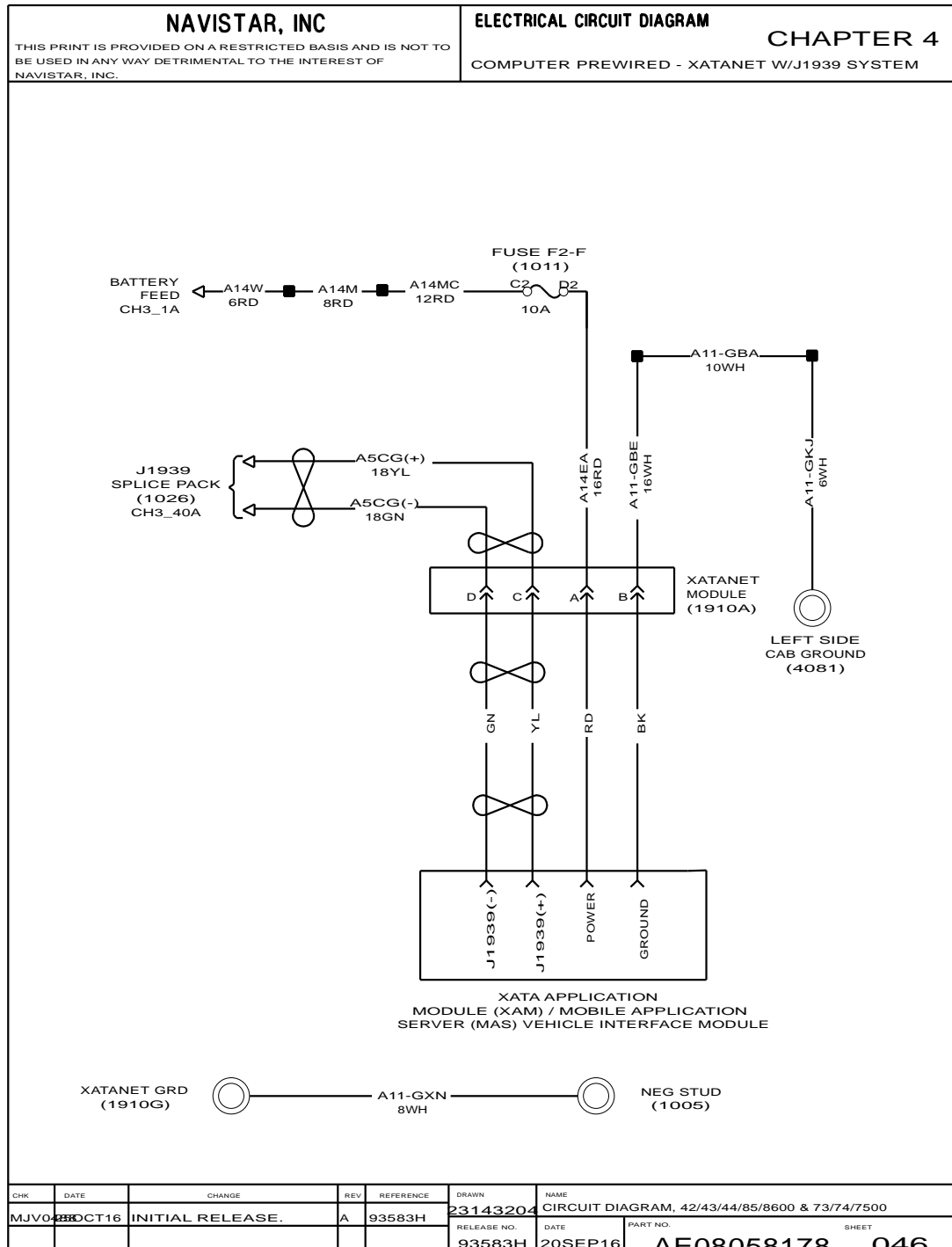


Figure 183 Computer Prewired – Xatanet with J1939 System

4.61. PMG SYSTEM WITH XATANET, P. 47

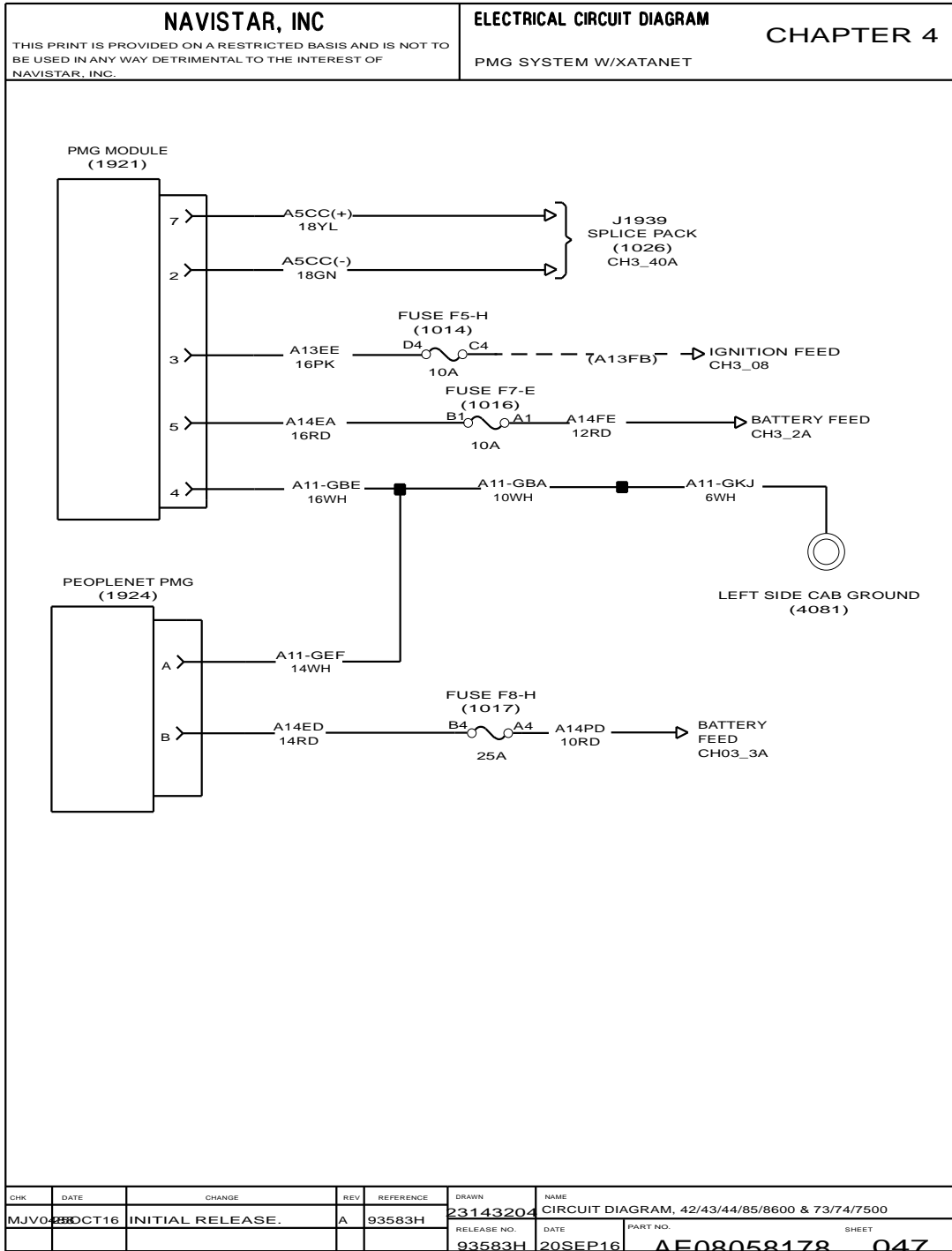


Figure 184 PMG System with Xatanet

12V CHARGING AND CRANKING SYSTEM (CHAPTER 5)

5.1. STARTING AND CRANKING I6 / V8 ENGINES WITH MANUAL TRANSMISSION, P. 1

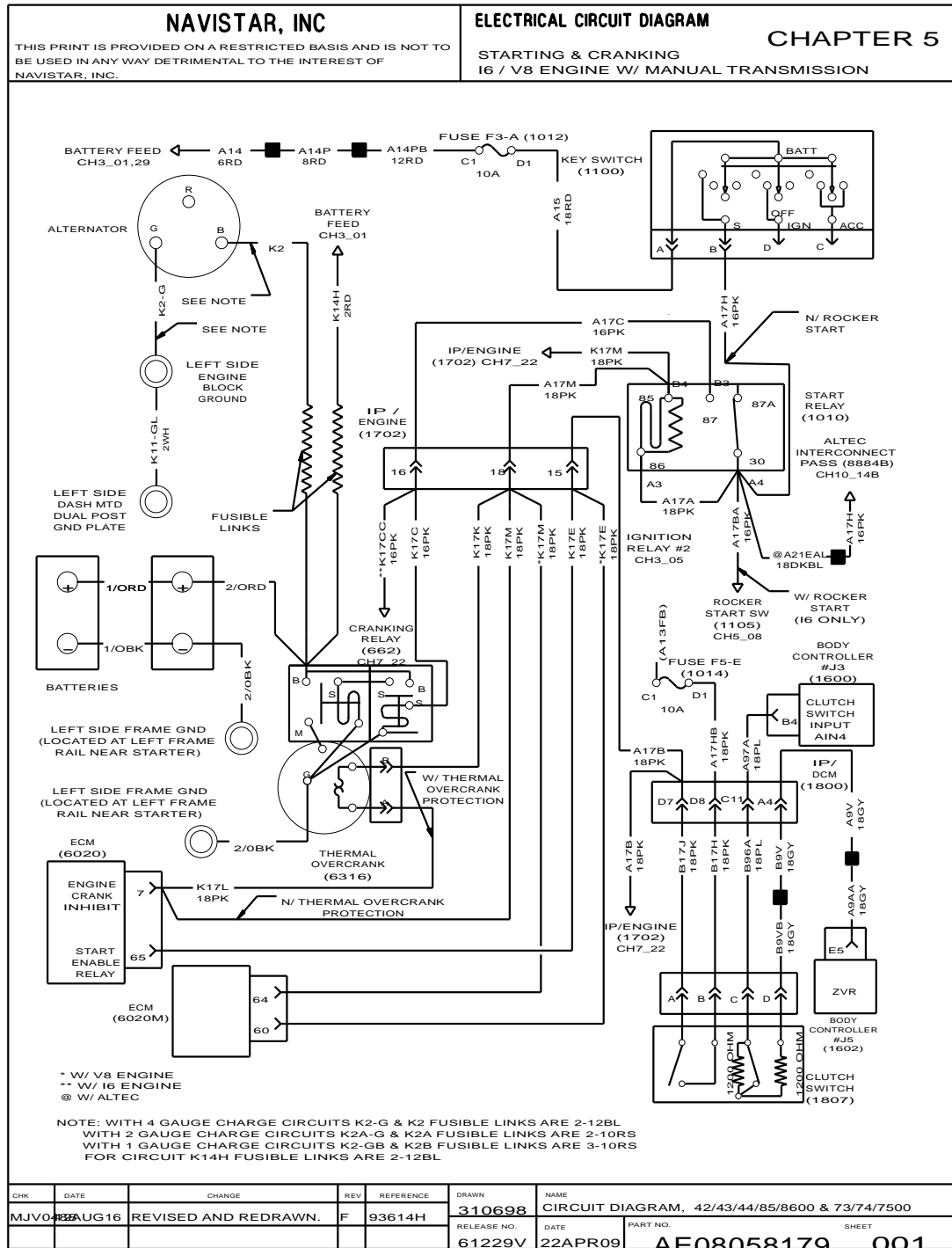
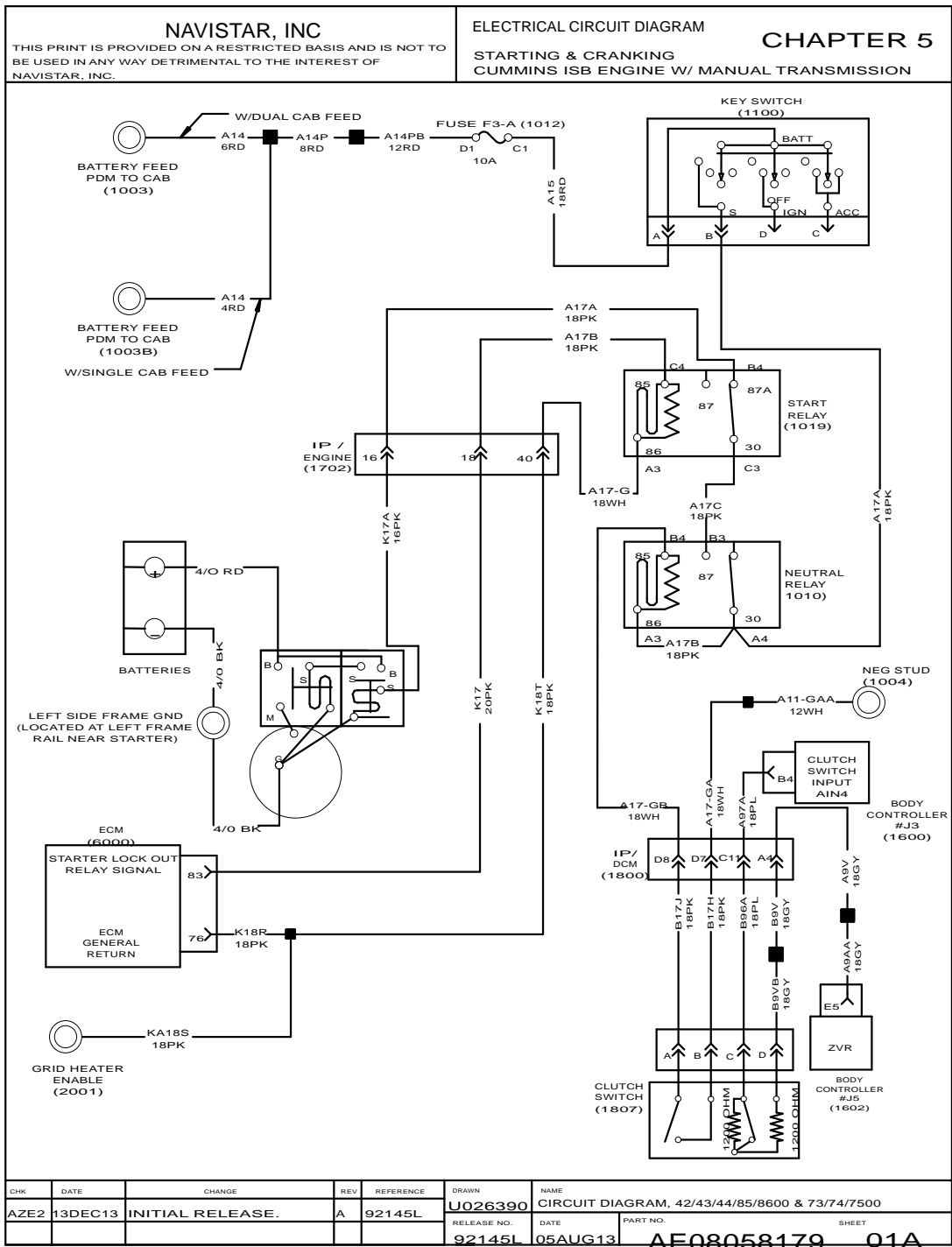


Figure 185 Starting and Cranking I6 / V8 Engines with Manual Transmission

5.2. STARTING AND CRANKING CUMMINS ISB ENGINE WITH MANUAL TRANSMISSION, P. 1A



5.3. STARTING AND CRANKING IBB ENGINE WITH MANUAL TRANSMISSION, P. 2

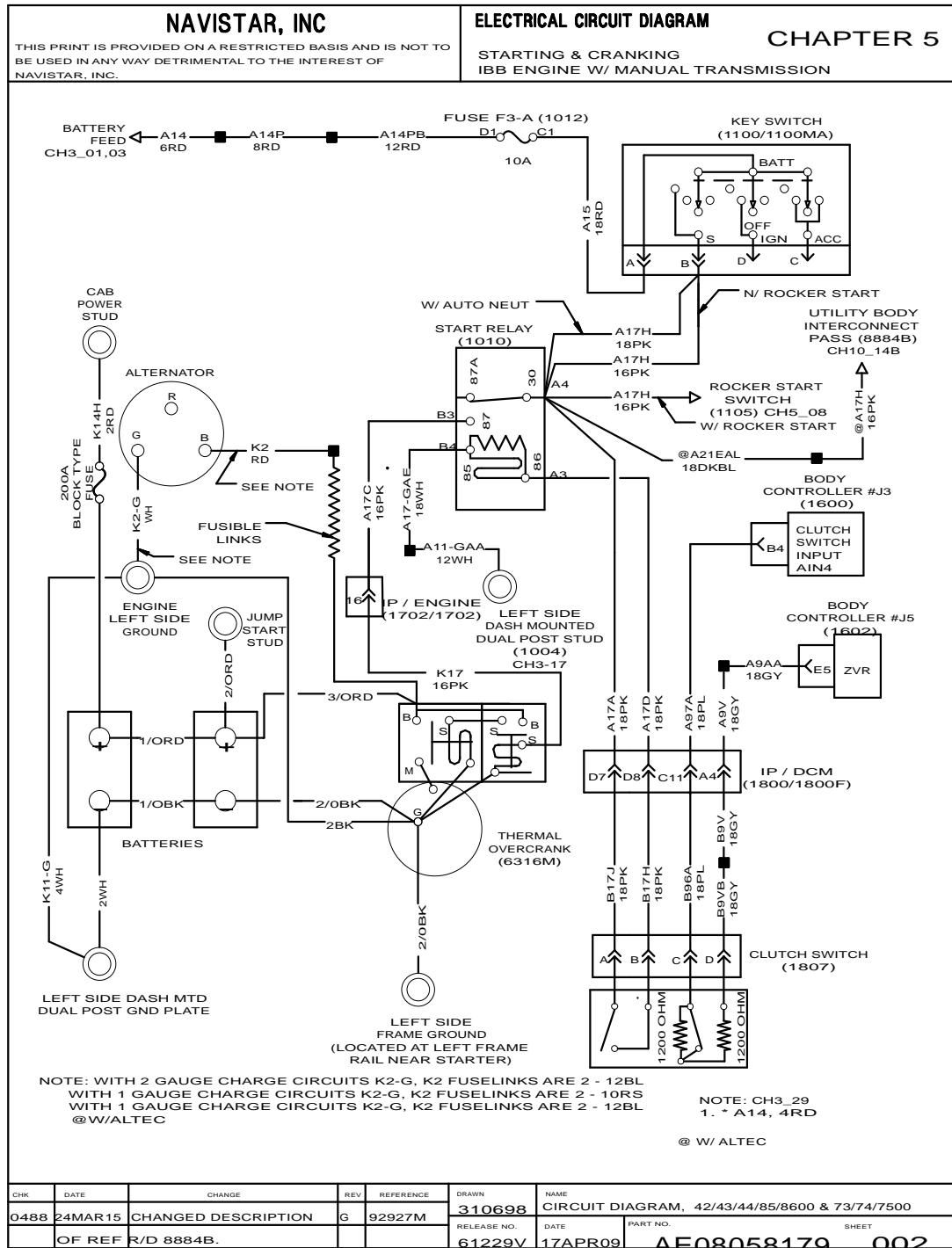


Figure 187 Starting and Cranking IBB Engine with Manual Transmission

5.4. STARTING AND CRANKING I6 AND V8 ENGINE WITH ALLISON TRANSMISSION, P. 3

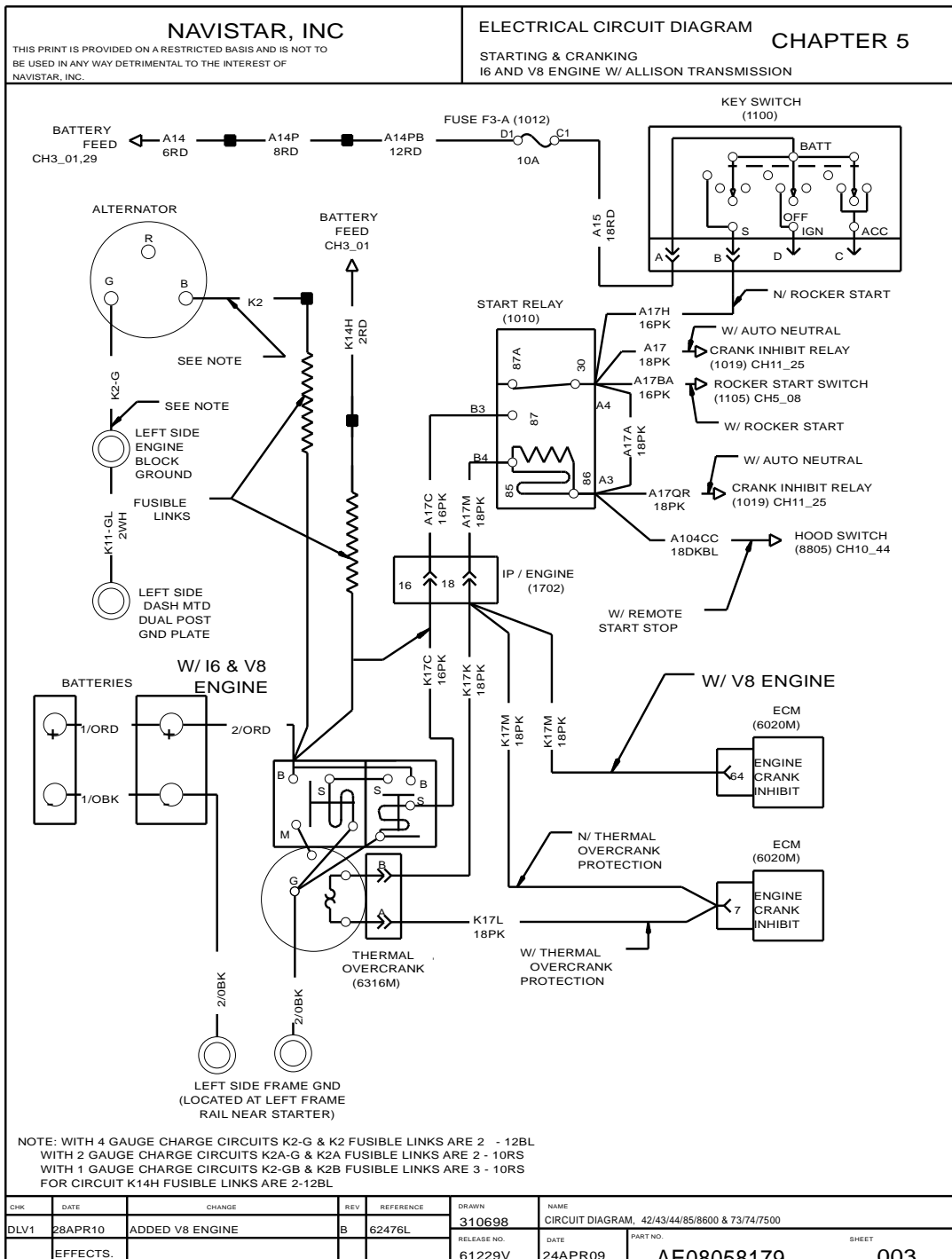


Figure 188 Starting and Cranking I6 and V8 Engine with Allison Transmission

5.5. STARTING AND CRANKING CUMMINS ISB ENGINE WITH ALLISON TRANSMISSION, P. 3A

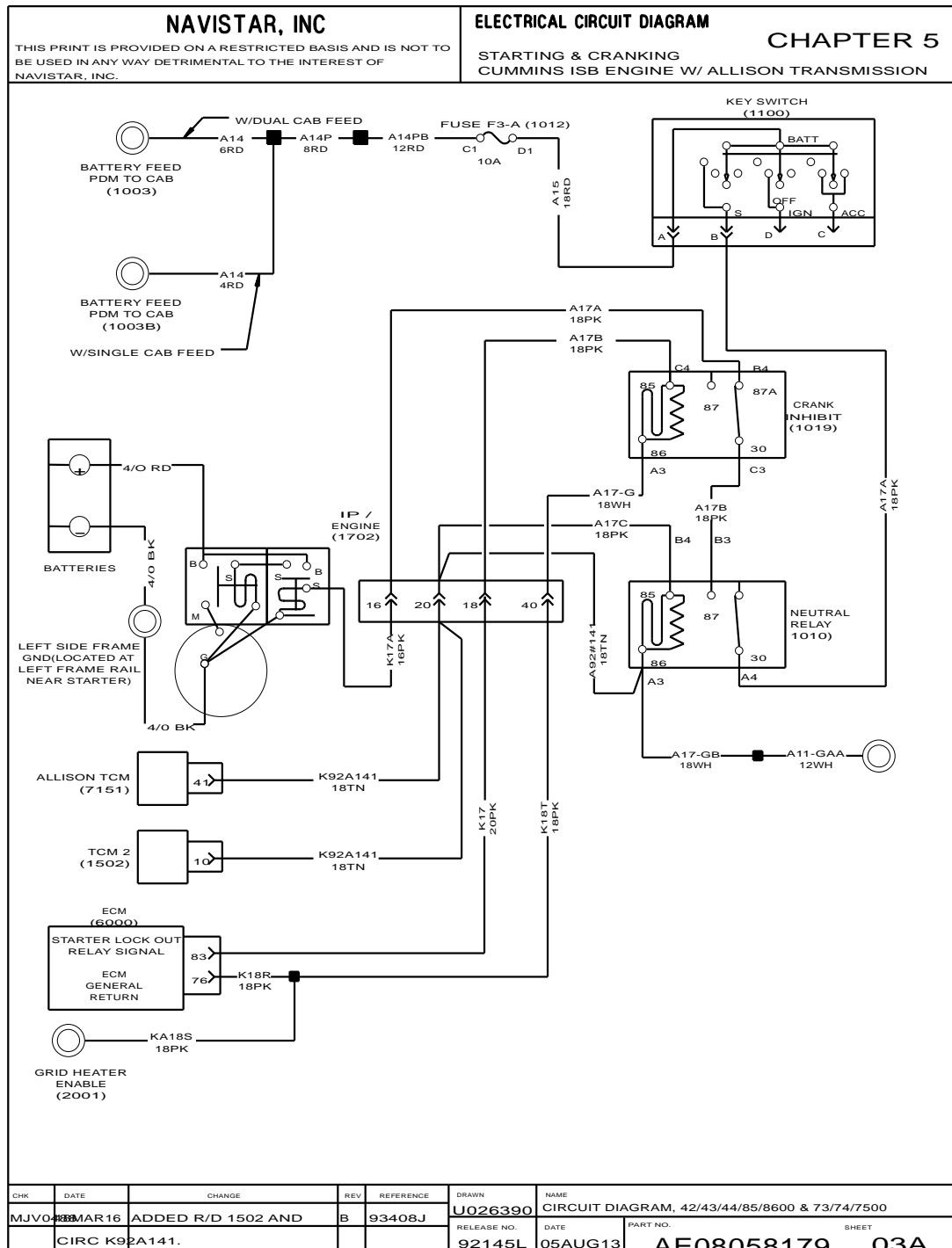


Figure 189 Starting and Cranking Cummins ISB Engine with Allison Transmission

5.6. STARTING AND CRANKING CUMMINS ISB ENGINE WITH ALLISON TRANSMISSION (CONT.), P. 3B

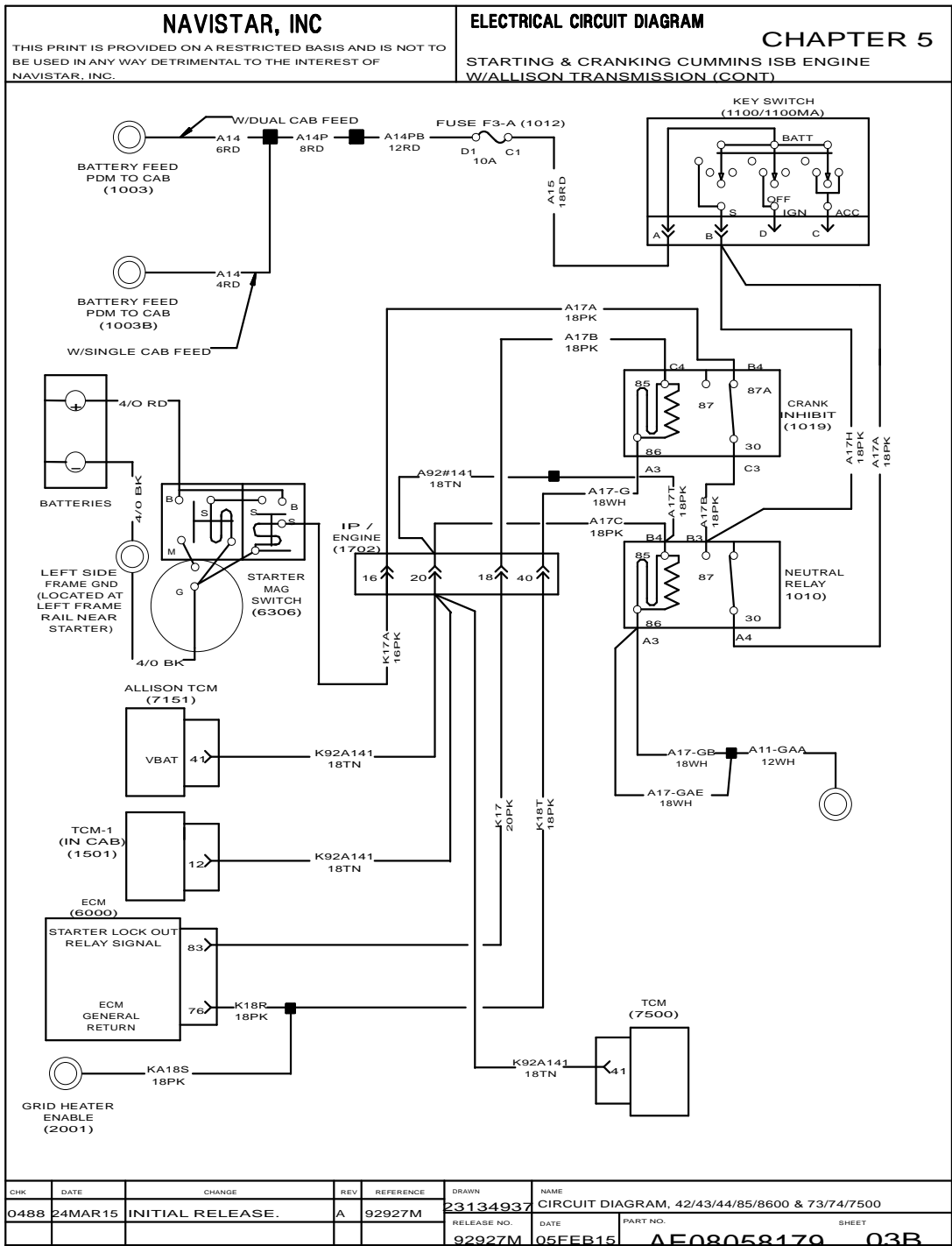


Figure 190 Starting and Cranking Cummins ISB Engine with Allison Transmission (Cont.)

5.7. STARTING AND CRANKING IBB ENGINE WITH ALLISON TRANSMISSION, P. 4

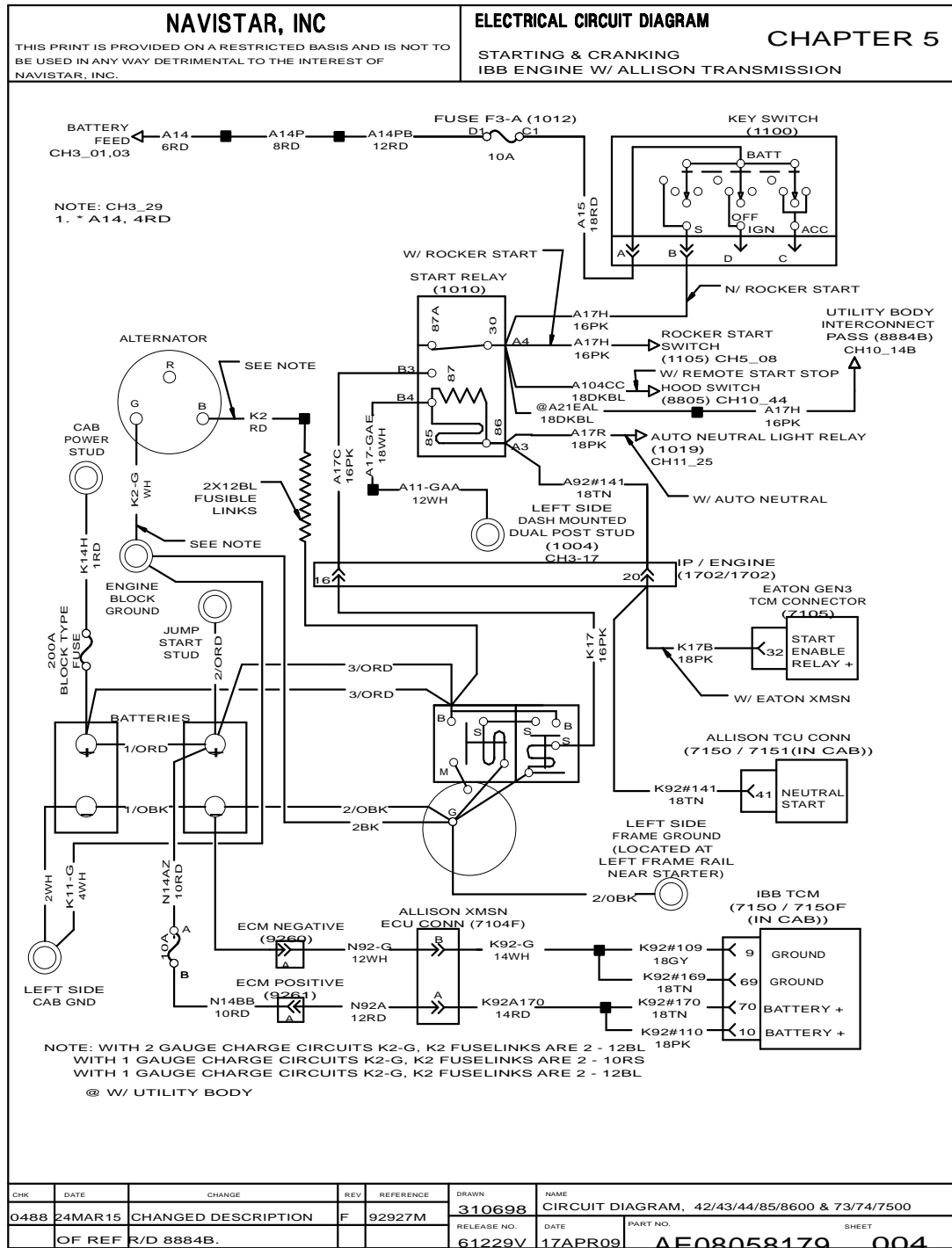


Figure 191 Starting and Cranking IBB Engine with Allison Transmission

5.8. STARTING AND CRANKING I6 ENGINE WITH AUTOSHIFT, ULTRASHIFT TRANSMISSION AND EATON HYBRID , P. 5

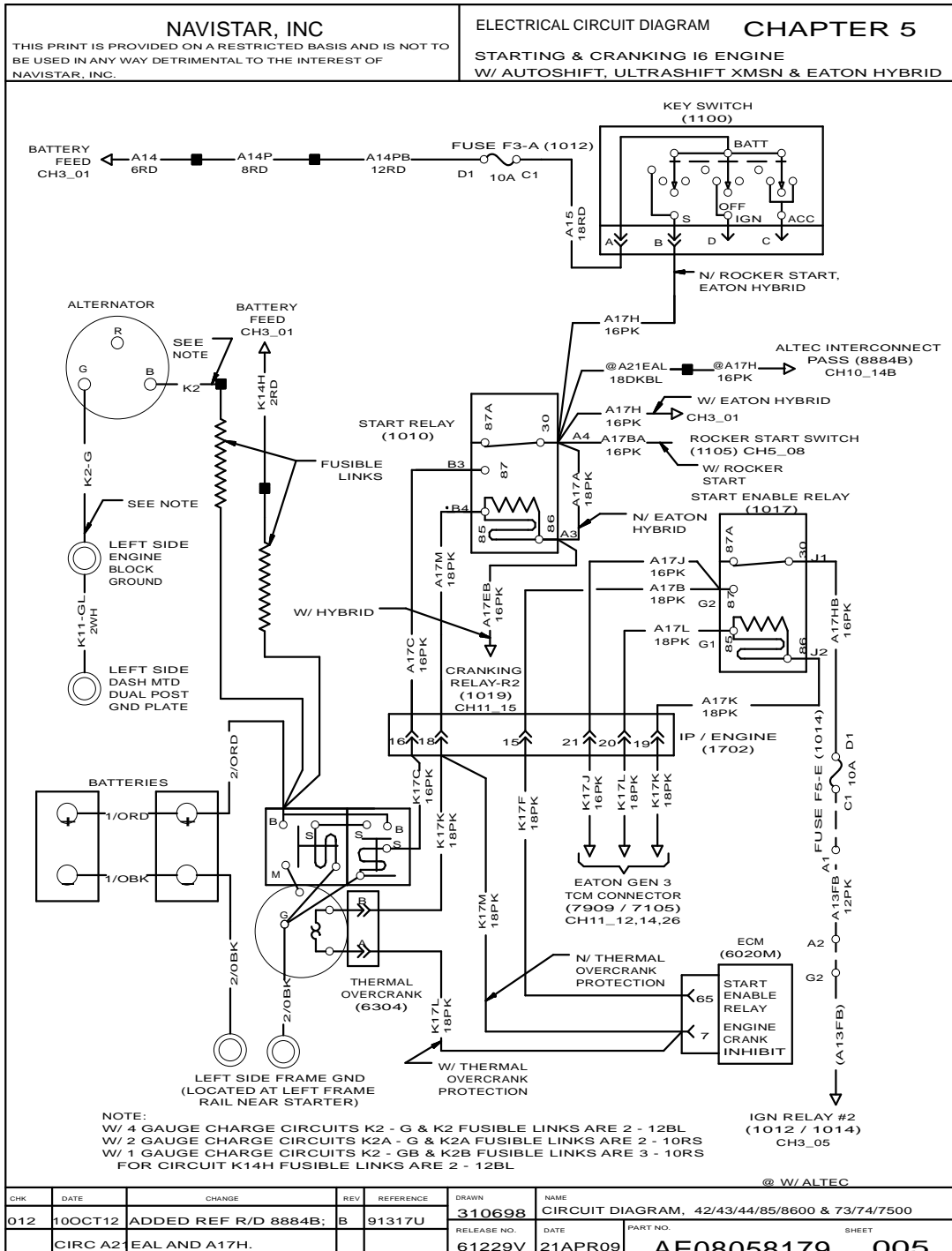


Figure 192 Starting and Cranking I6 Engine with Autoshift, Ultrashift Transmission and Eaton Hybrid

5.9. STARTING AND CRANKING IBB ENGINES WITH AUTOSHIFT ULTRASHIFT , P. 6

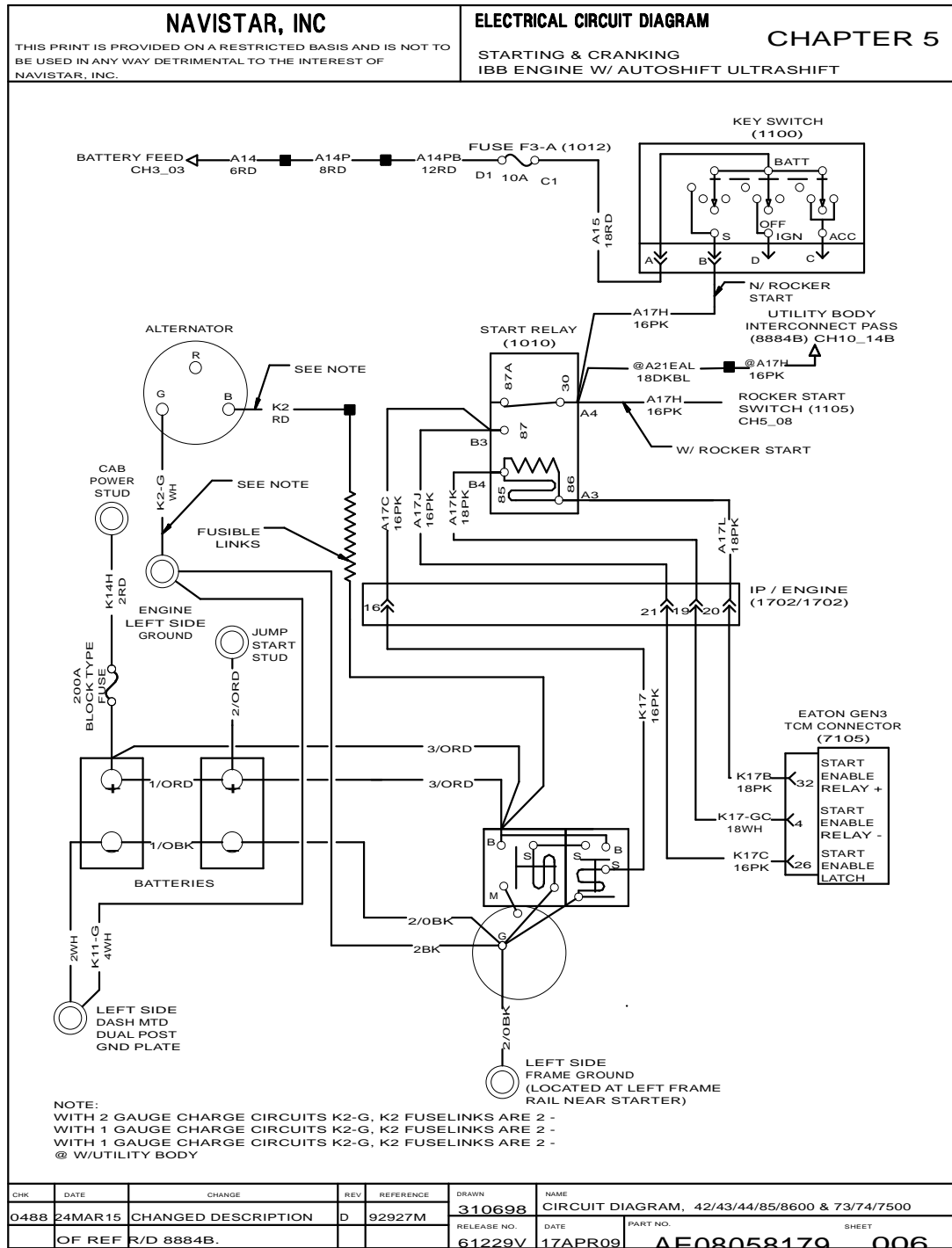


Figure 193 Starting and Cranking IBB Engines with Autoshift Ultrashift

5.10. I6 POWER PACK, P. 7

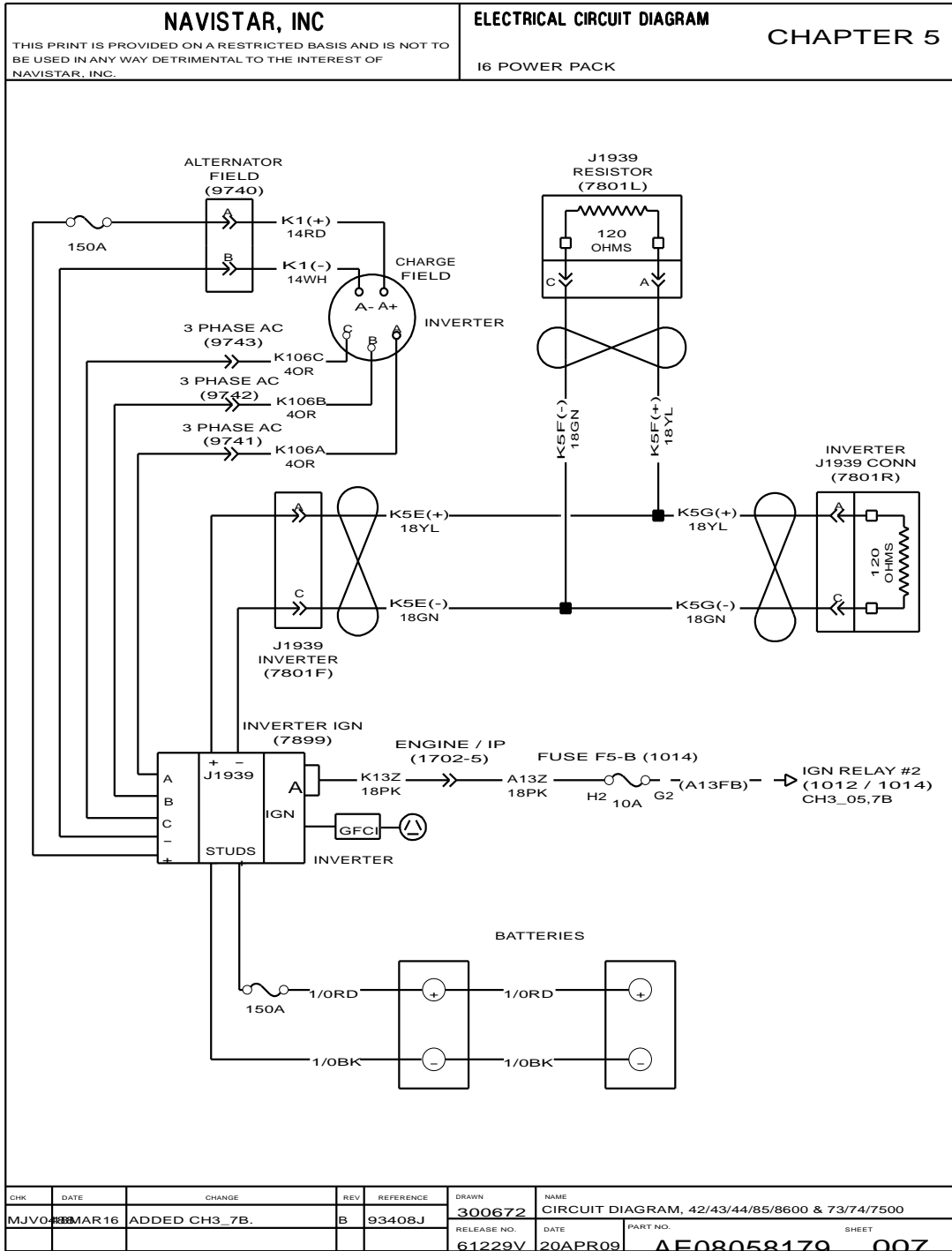


Figure 194 I6 Power Pack

5.11. ROCKER START, P. 8

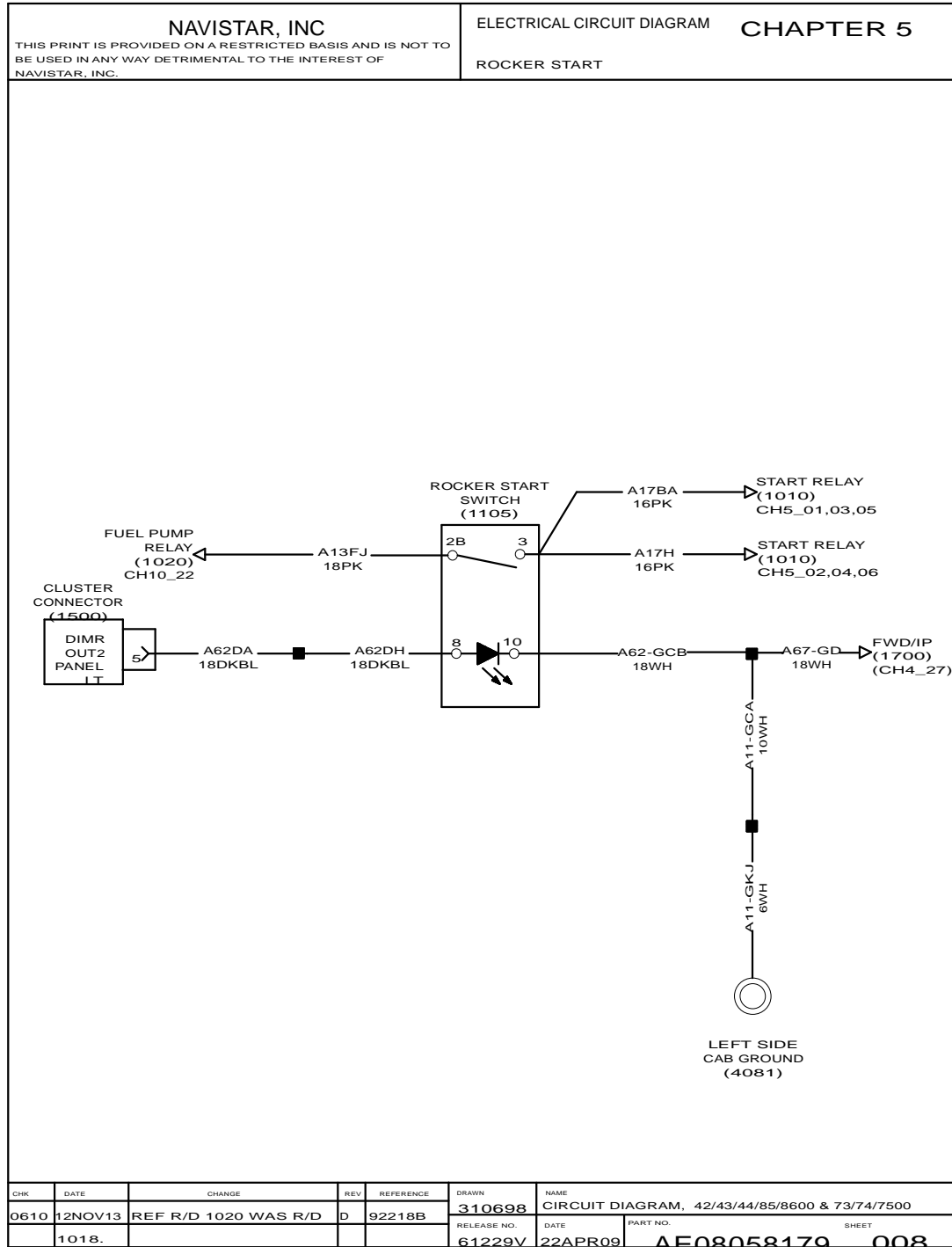


Figure 195 Rocker Start

5.12. STARTING AND CRANKING ISL-G ENGINE WITH ALLISON TRANSMISSION, P. 9

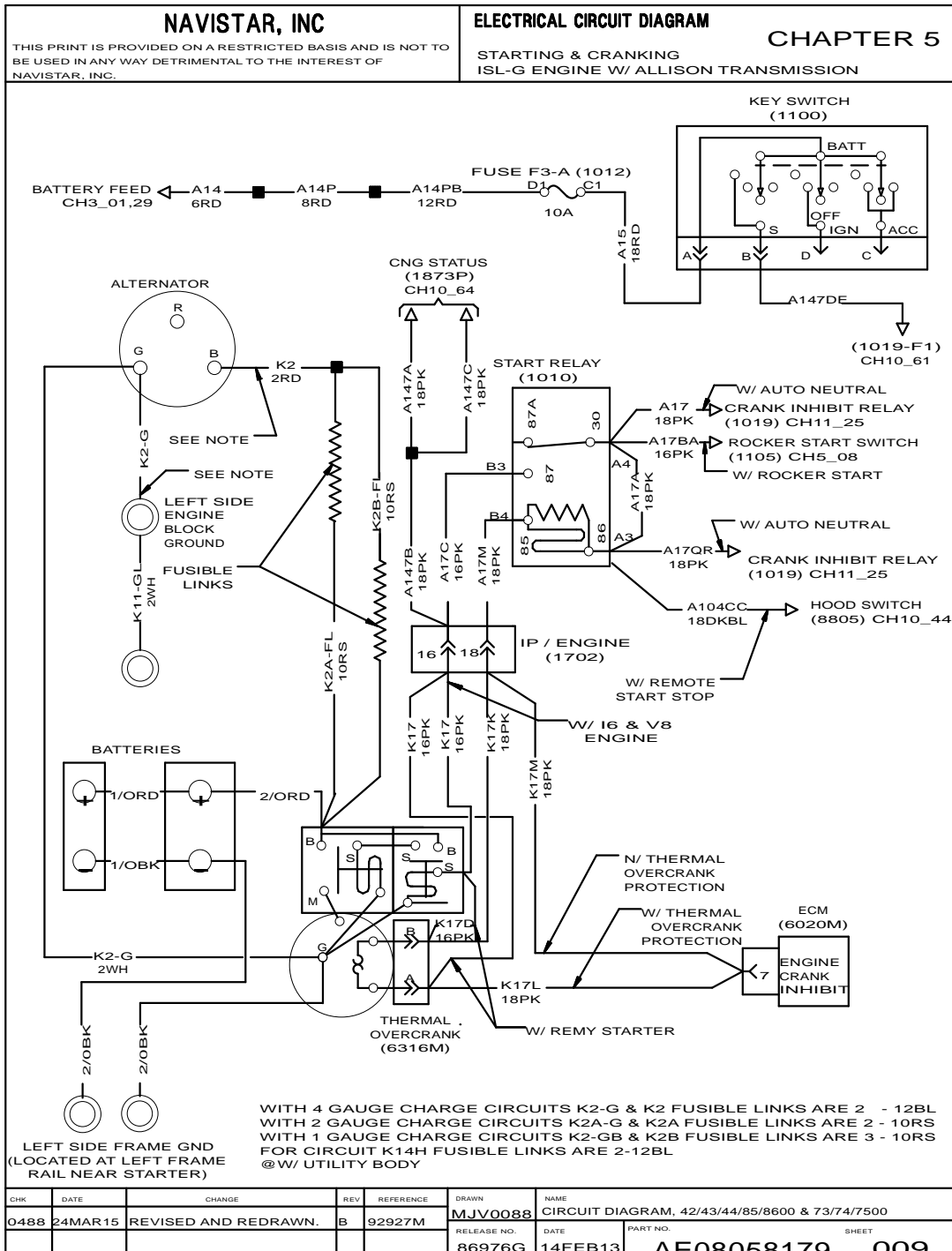


Figure 196 Starting and Cranking ISL-G Engine with Allison Transmission

5.13. STARTER – ALTERNATOR CONNECTIONS, P. 10

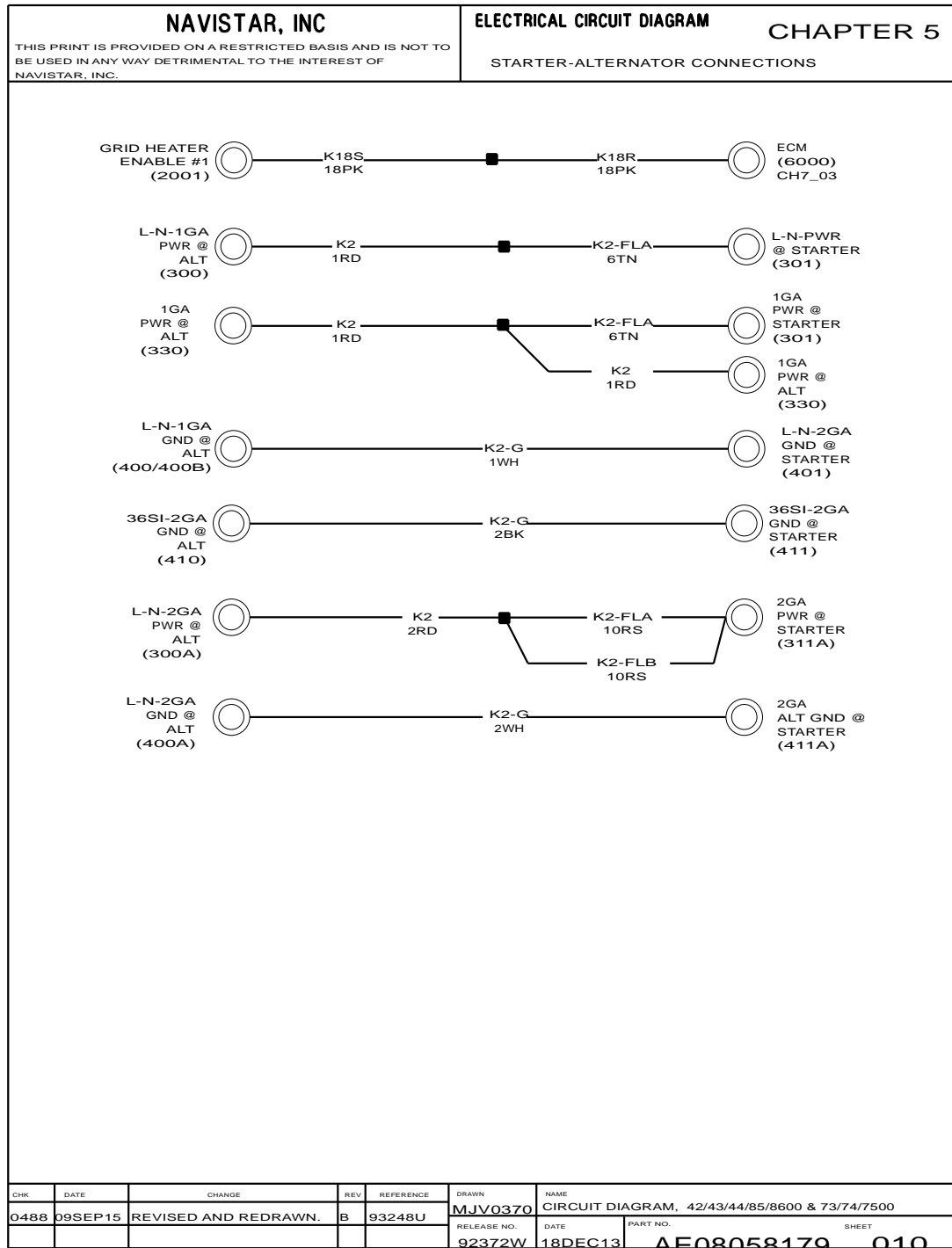


Figure 197 Starter – Alternator Connections

5.14. ENGINE STARTING AND CRANKING WITH CUMMINS ISB, P. 11

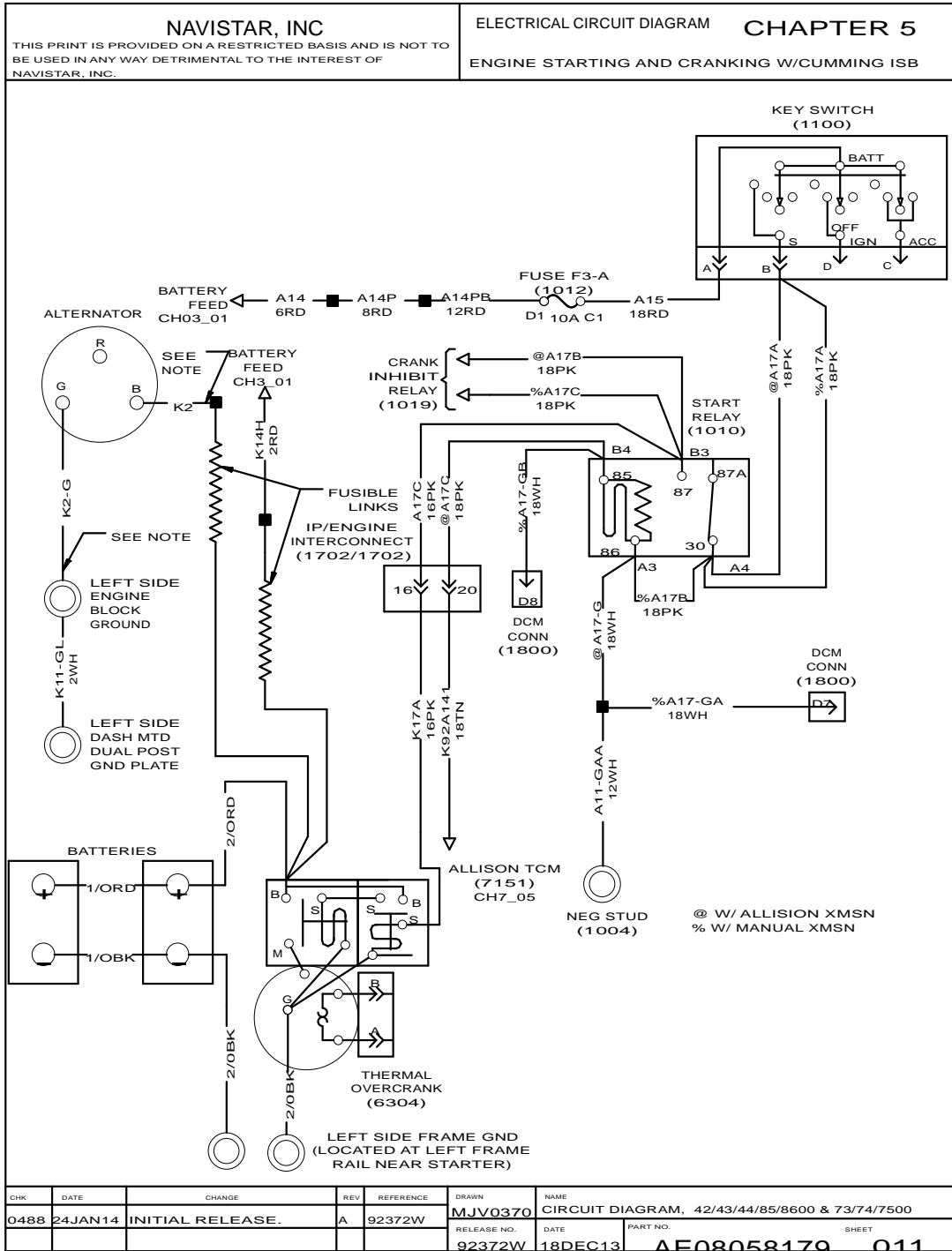


Figure 198 Engine Starting and Cranking with Cummins ISB

5.15. STARTING & CRANKING WITH I6, I-367 ENGINE, P. 12

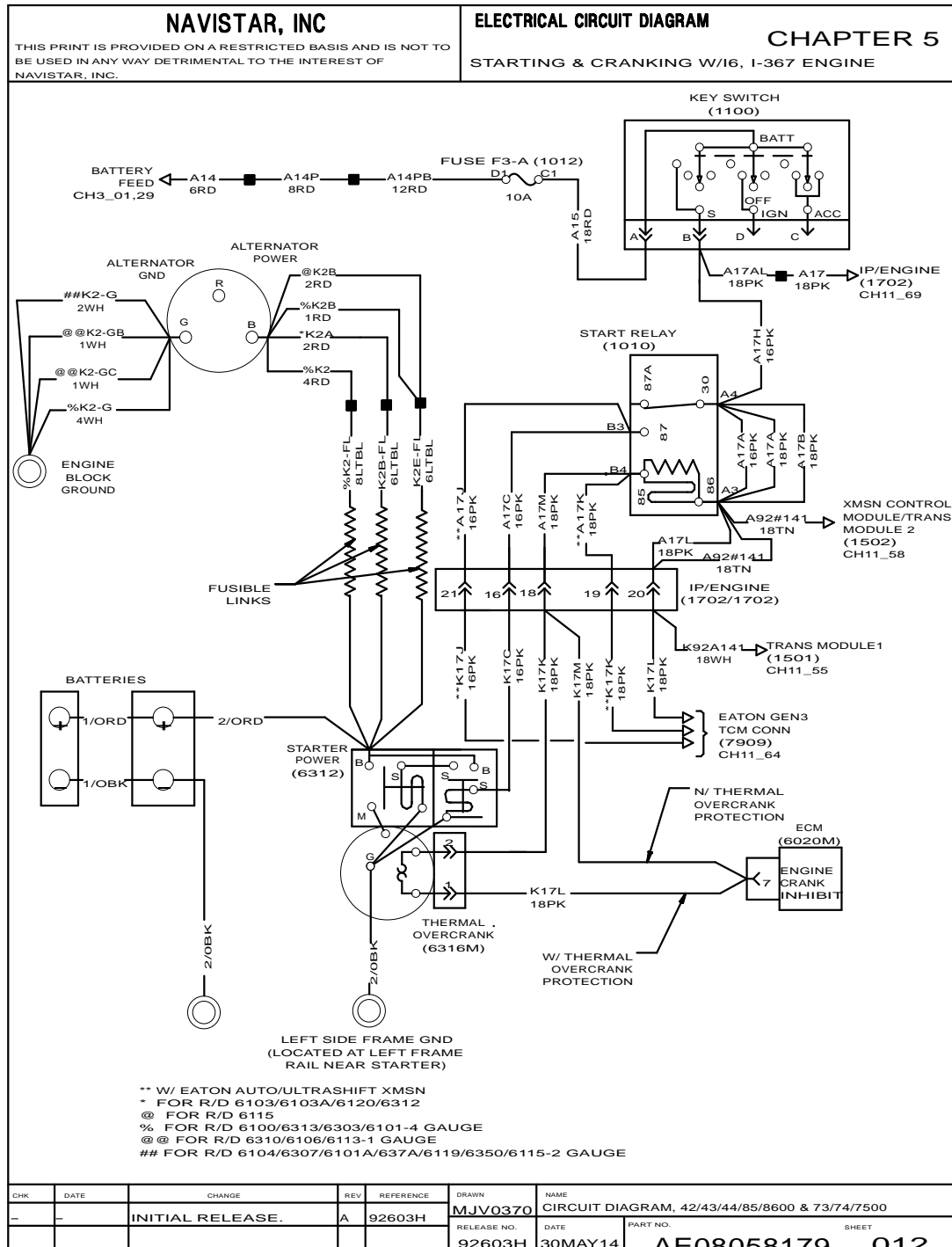


Figure 199 Starting & Cranking with I6, I-367 Engine

5.16. REMOTE SENSE AND GRID HEATER CONNECTIONS WITH I6, I-367 ENGINE, P. 12A

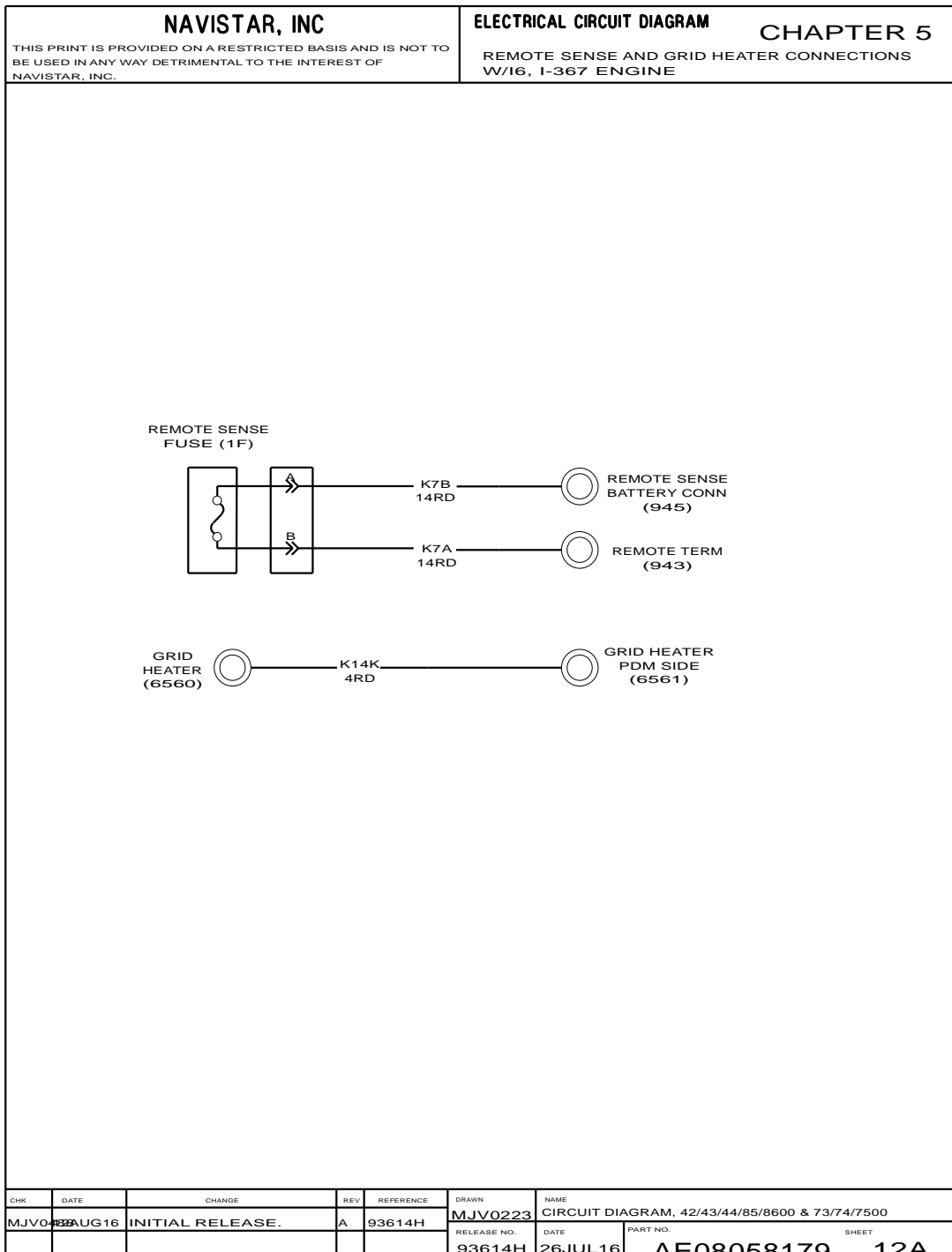


Figure 200 Remote Sense and Grid Heater Connections with I6, I-367 Engine

5.17. STARTER CONTROL WITH CUMMINS ISB ENGINE WITH ULTRASHIFT TRANSMISSION, P. 13

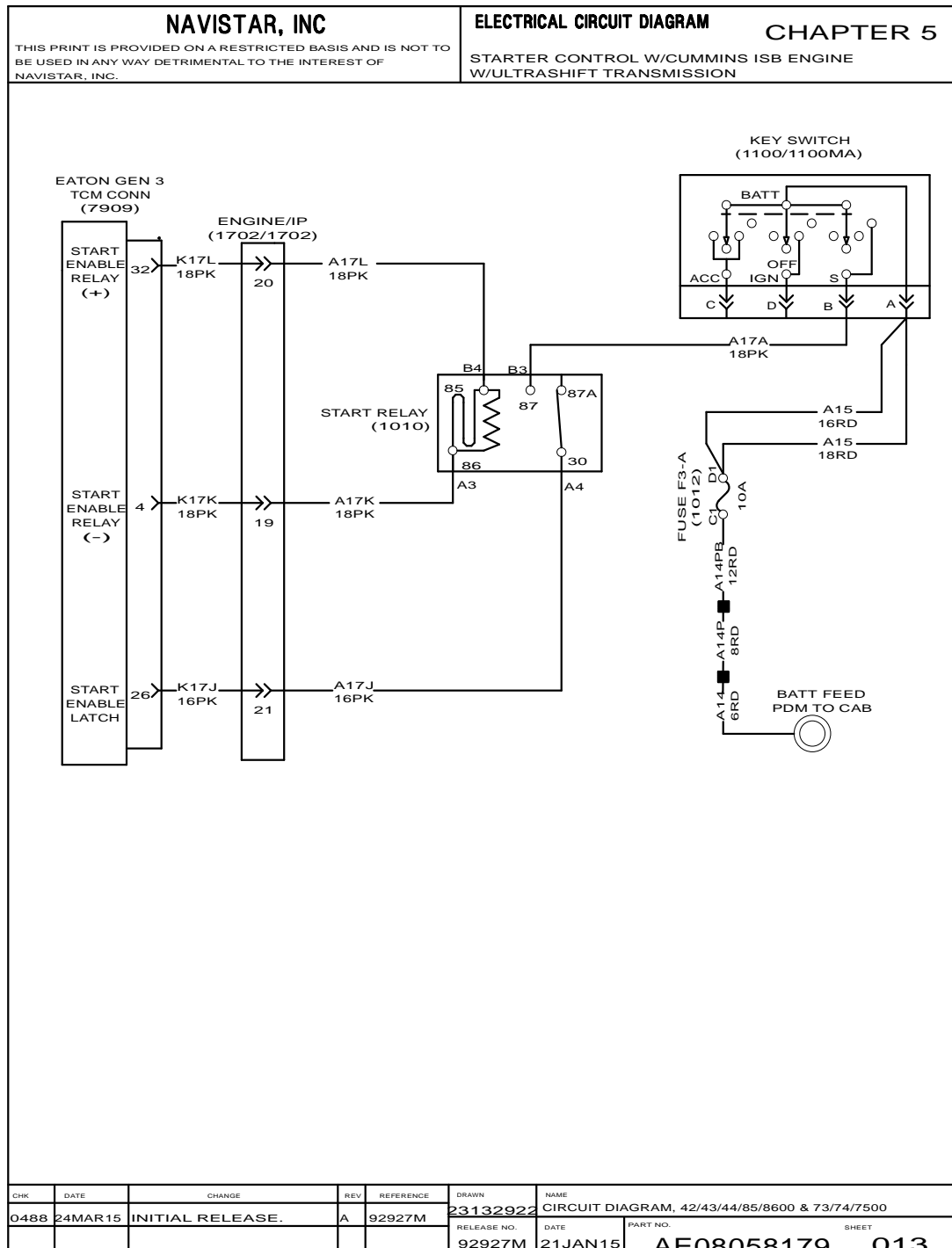


Figure 201 Starter Control with Cummins ISB Engine with Ultrashift Transmission

5.18. STARTER CONTROL WITH ISB ENGINE WITH ALLISON TRANSMISSION WITH UTILITY BODY, P. 14

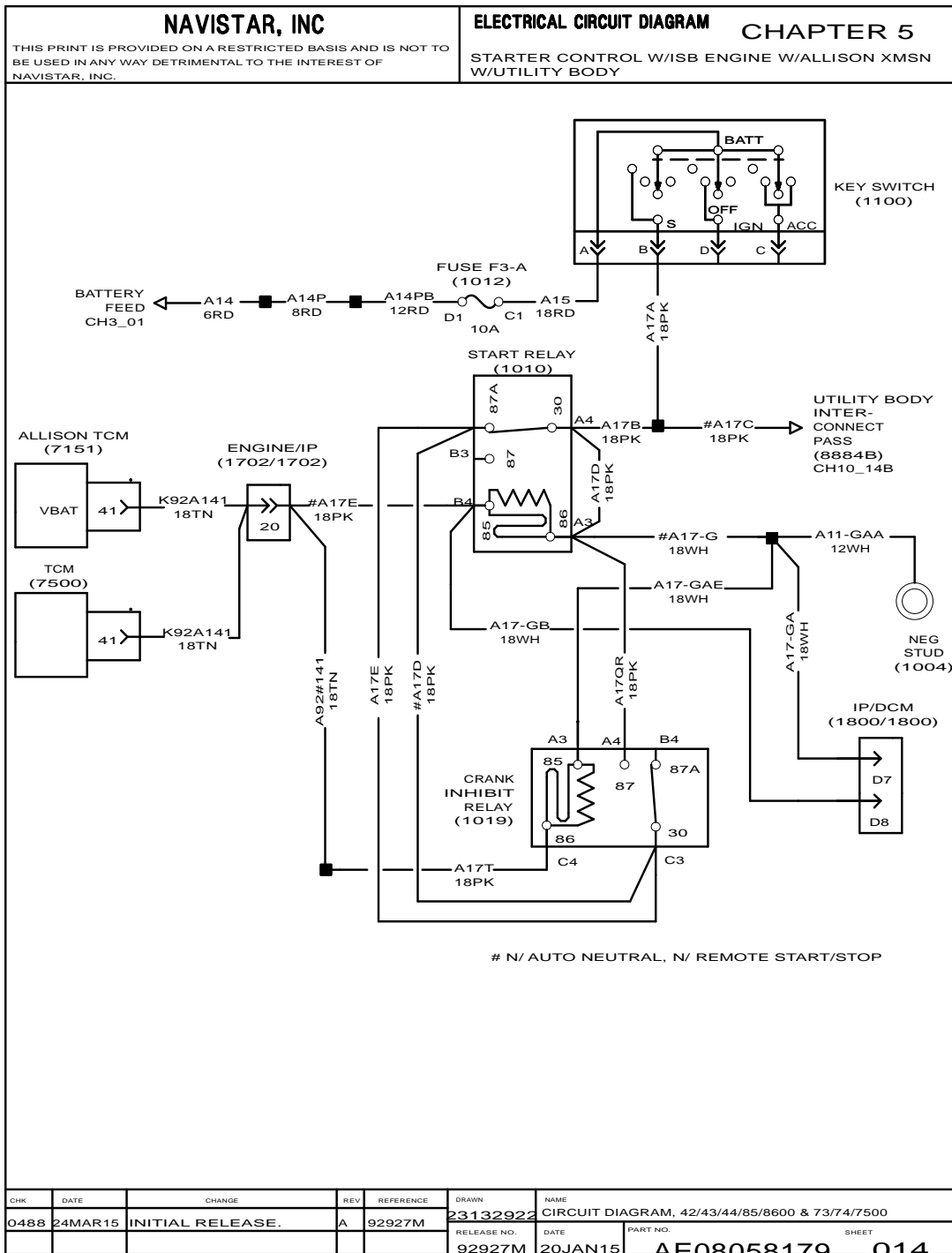


Figure 202 Starter Control with ISB Engine with Allison Transmission with Utility Body

5.19. STARTER CONTROL WITH ISB ENGINE WITH ALLISON TRANSMISSION WITH UTILITY BODY (CONT.), P. 15

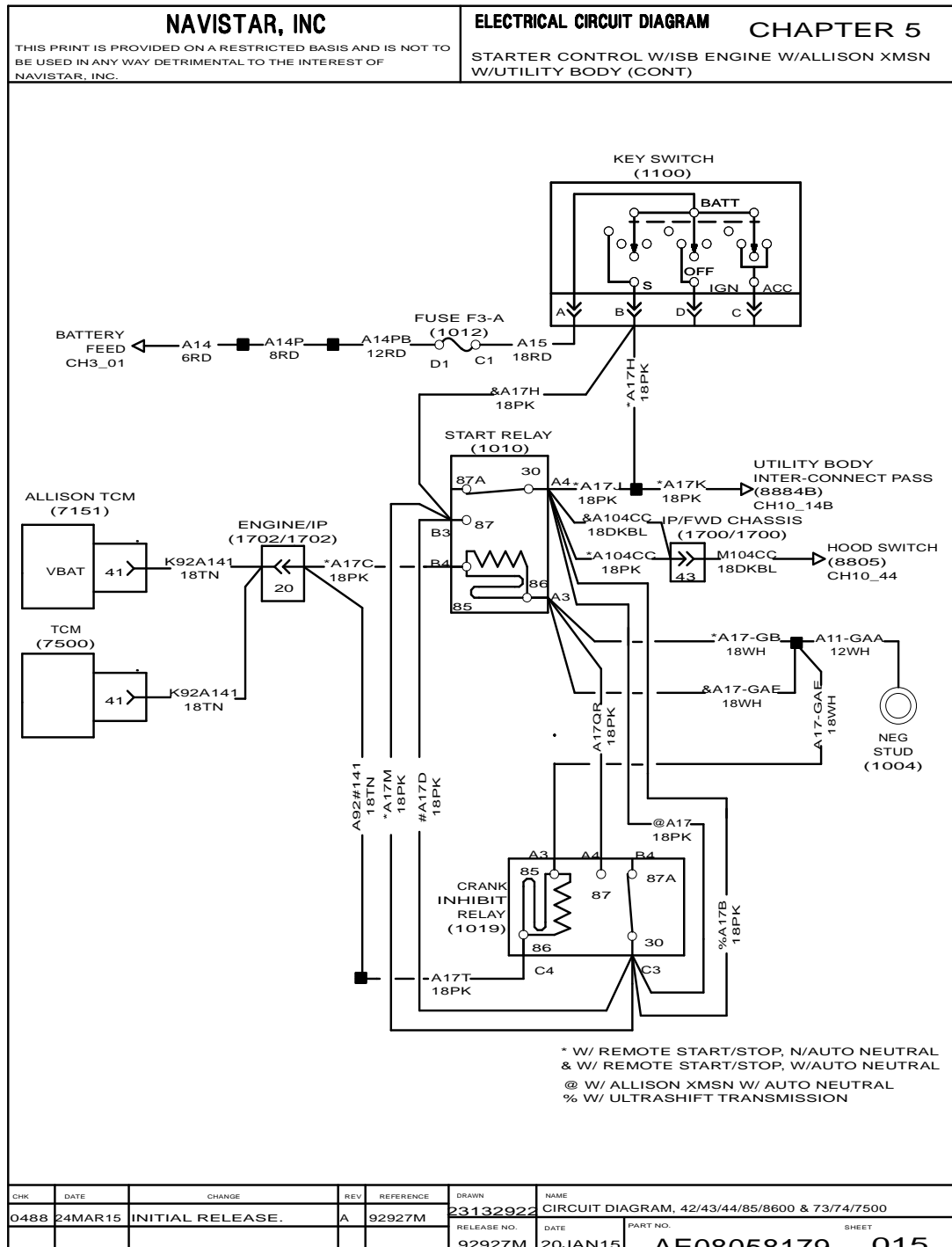


Figure 203 Starter Control with ISB Engine with Allison Transmission with Utility Body (Cont.)

5.20. STARTING AND CRANKING WITH MANUAL TRANSMISSION WITH UTILITY BODY WITH 500K BAUD RATE, P. 16

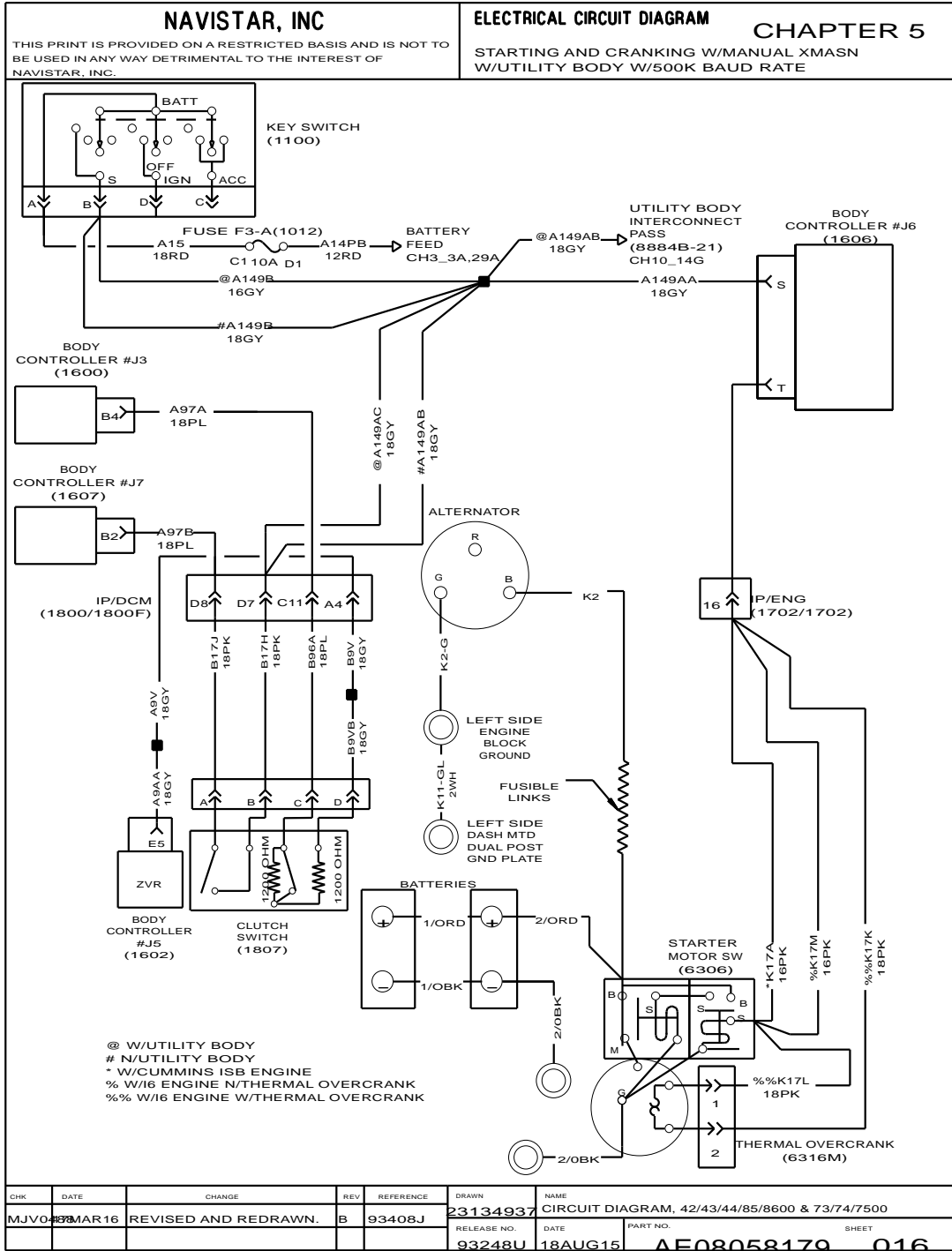


Figure 204 Starting and Cranking with Manual Transmission with Utility Body with 500K Baud Rate

5.21. STARTING AND CRANKING WITH ALLISON TRANSMISSION WITH UTILITY BODY WITH 500K BAUD RATE, P. 17

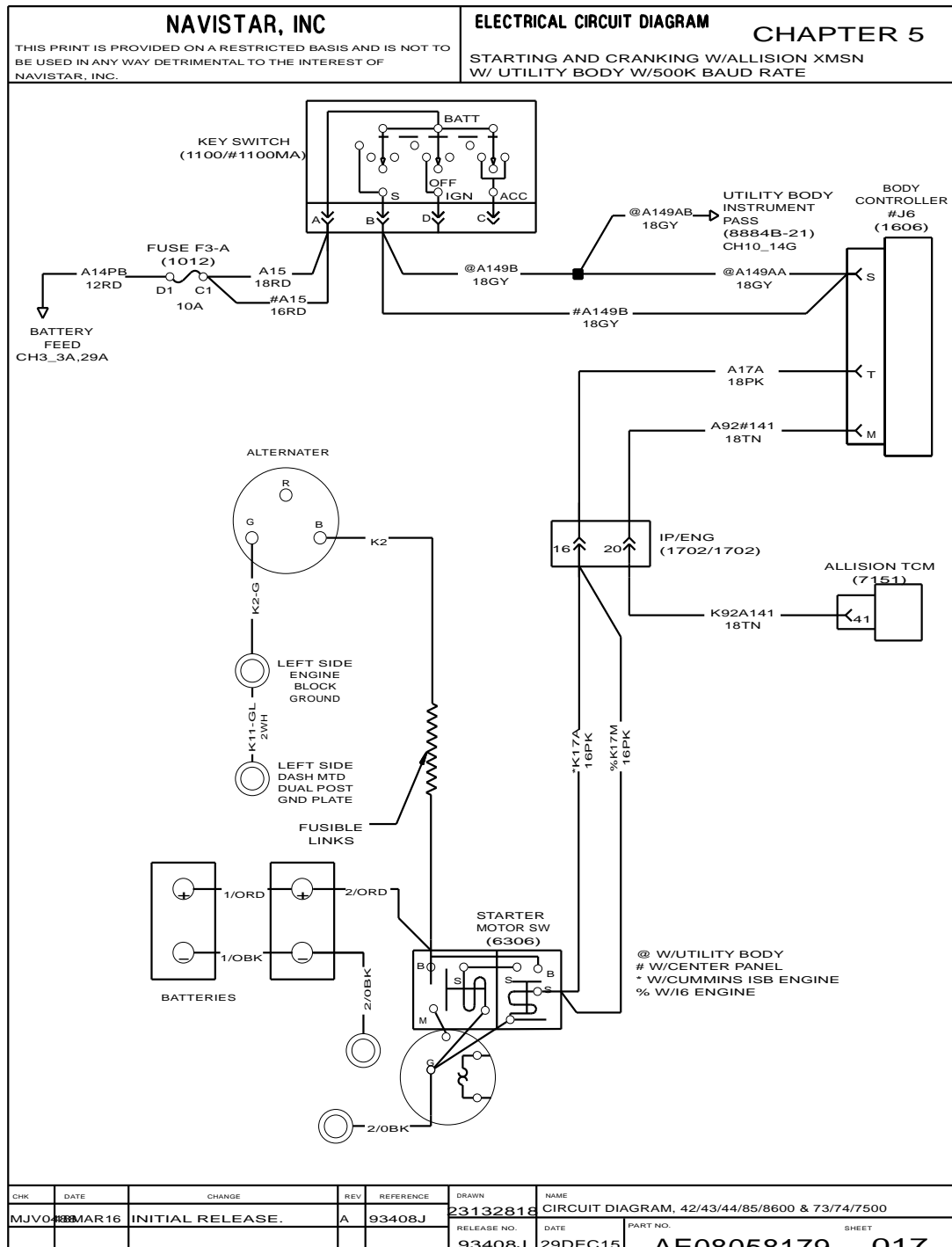


Figure 205 Starting and Cranking with Allison Transmission with Utility Body with 500K Baud Rate

5.22. STARTING AND CRANKING WITH EATON PROCISSION TRANSMISSION WITH 500K BAUD RATE, P. 18

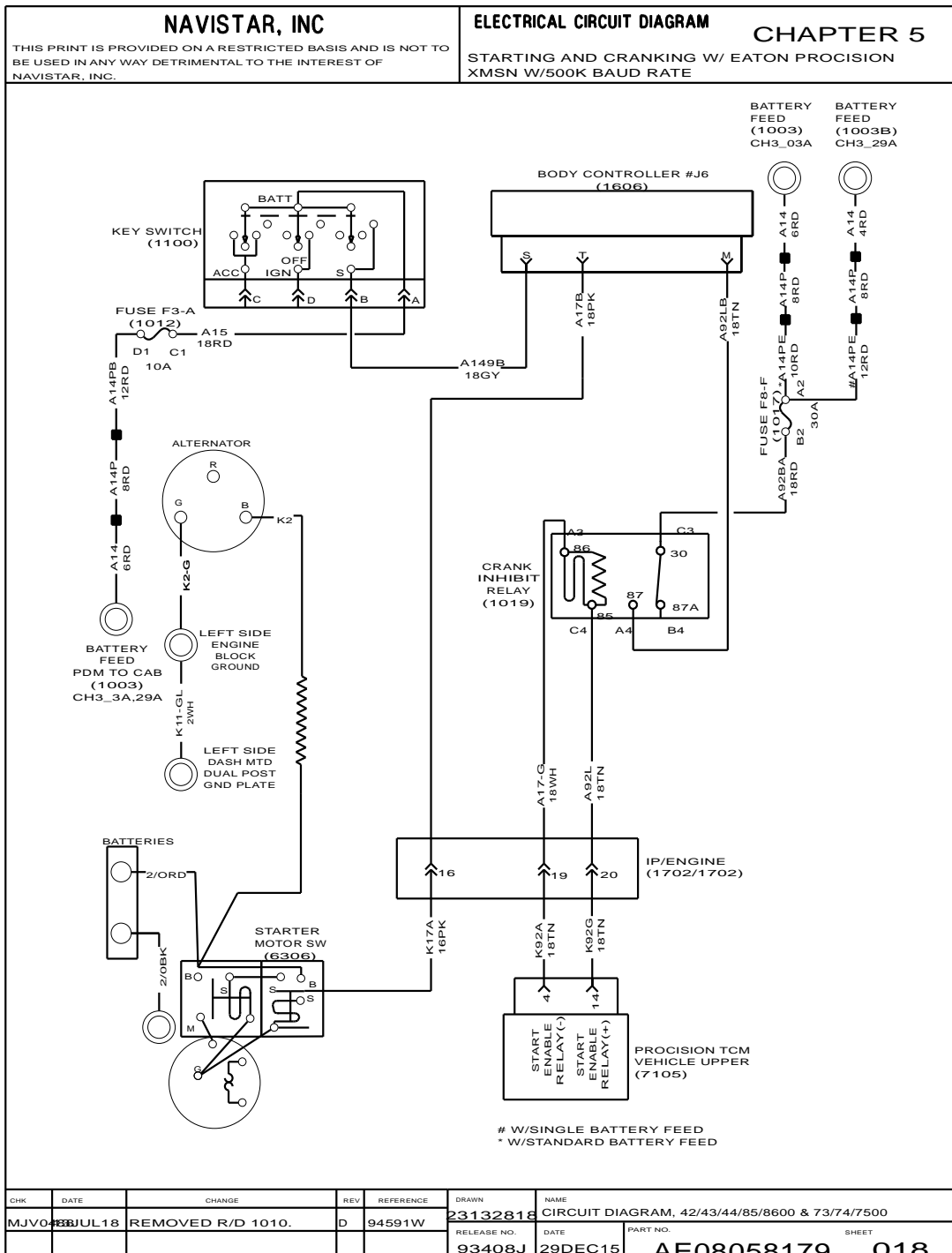


Figure 206 Starting and Cranking with Eaton Procision Transmission with 500K Baud Rate

5.23. STARTING AND CRANKING WITH MANUAL TRANSMISSION WITH F-2013 – ISL ENGINE, P. 19

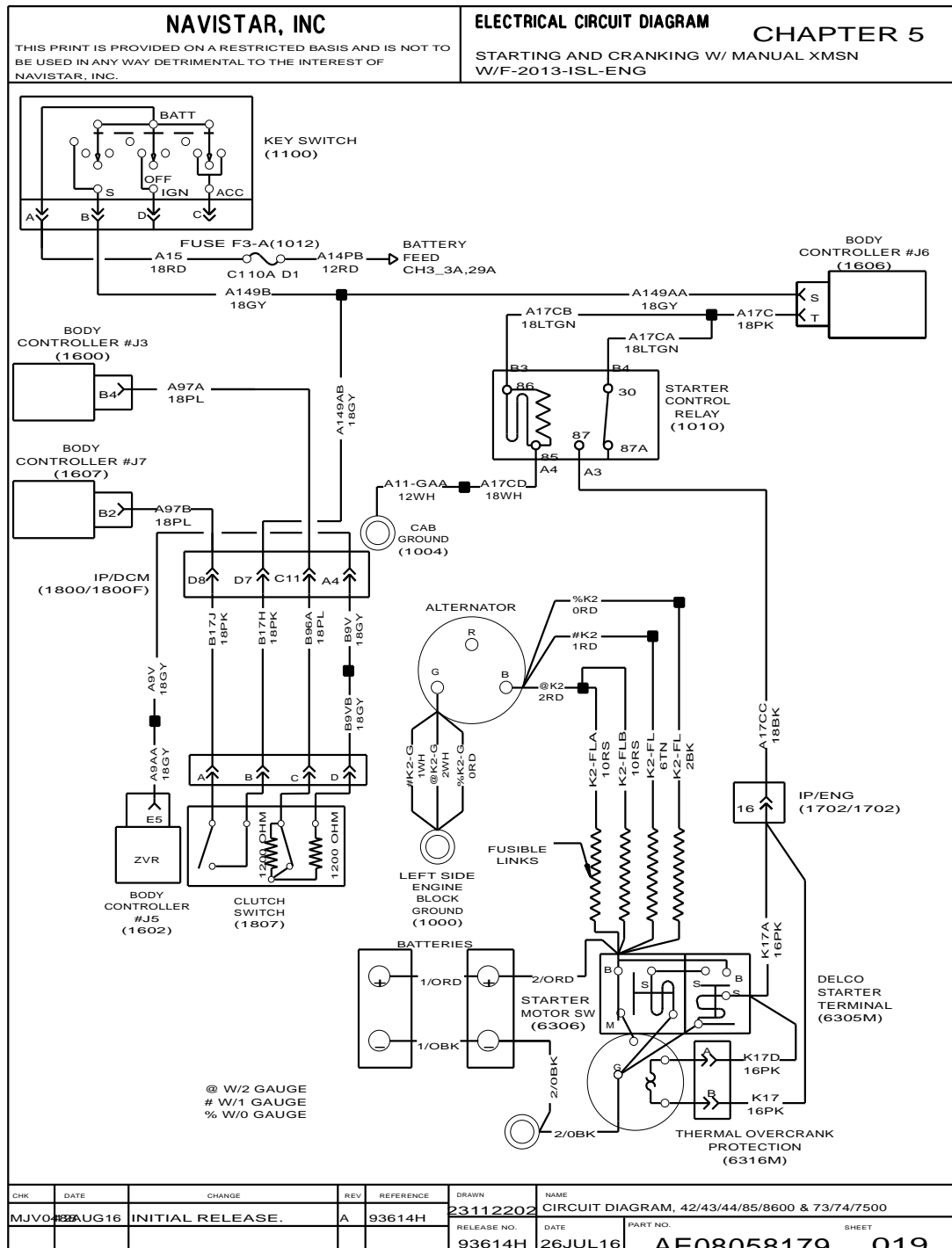


Figure 207 Starting and Cranking with Manual Transmission with F-2013 – ISL Engine

5.24. STARTING AND CRANKING WITH ALLISON TRANSMISSION WITH F-2013 – ISL ENGINE, P. 20

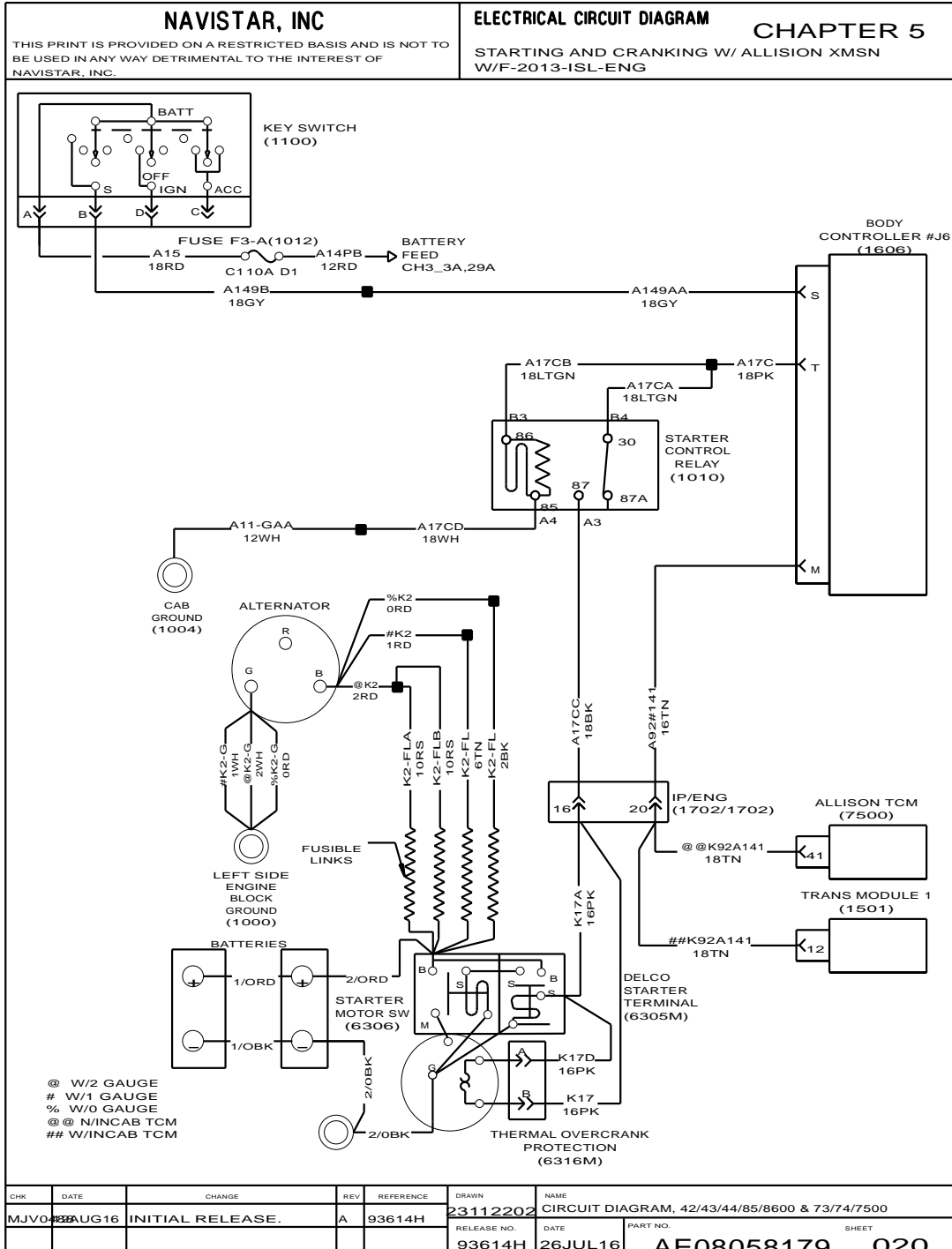


Figure 208 Starting and Cranking with Allison Transmission with F-2013 – ISL Engine

5.25. REMOTE VOLTAGE SENSE AND GRID HEATER WIRING WITH F-2013 – ISL ENGINE, P. 21

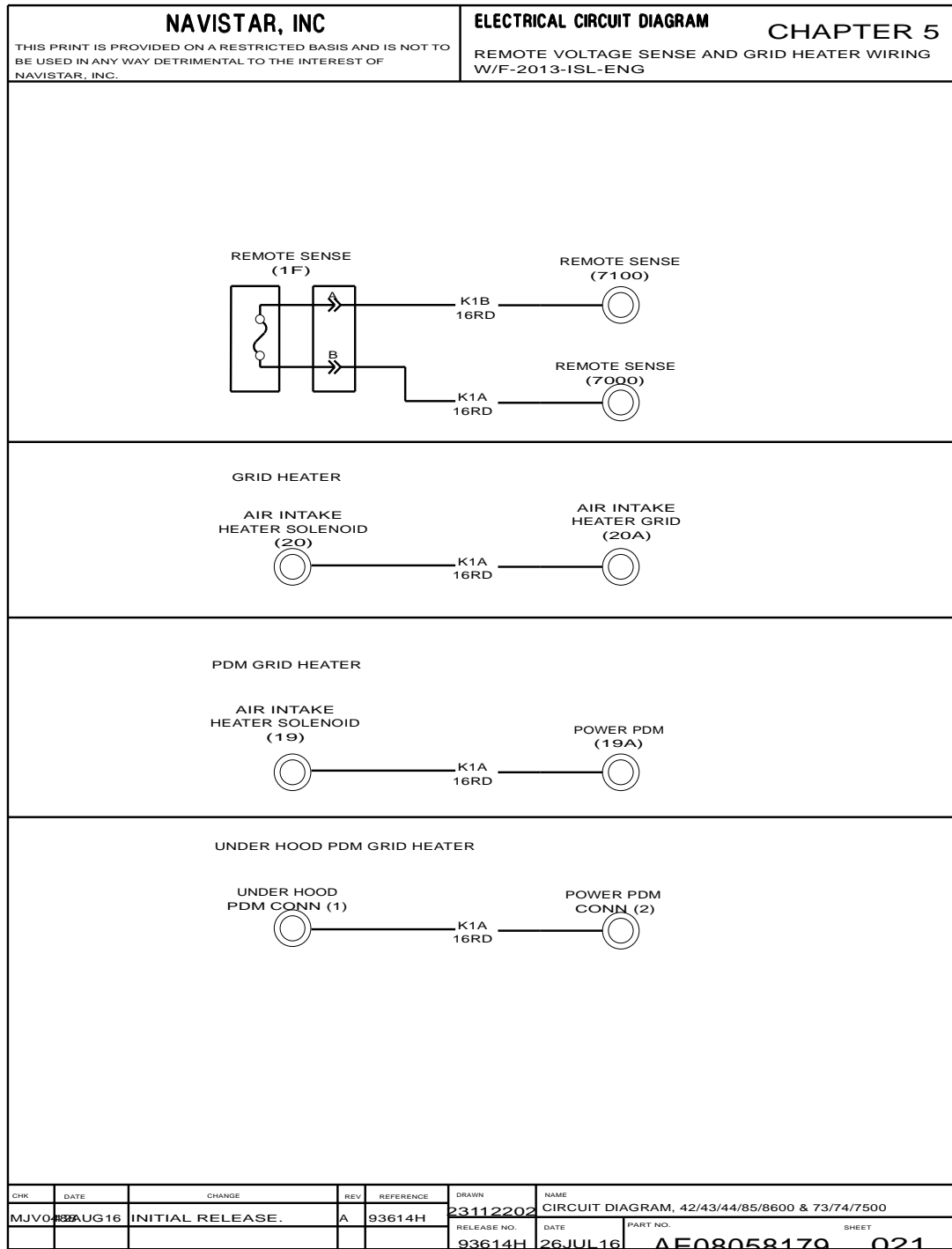


Figure 209 Remote Voltage Sense and Grid Heater Wiring with F-2013 – ISL Engine

5.26. STARTING AND CRANKING WITH ALLISON TRANSMISSION WITH M-NGV-MD WITH F-2017-ISB ENGINE, P. 22

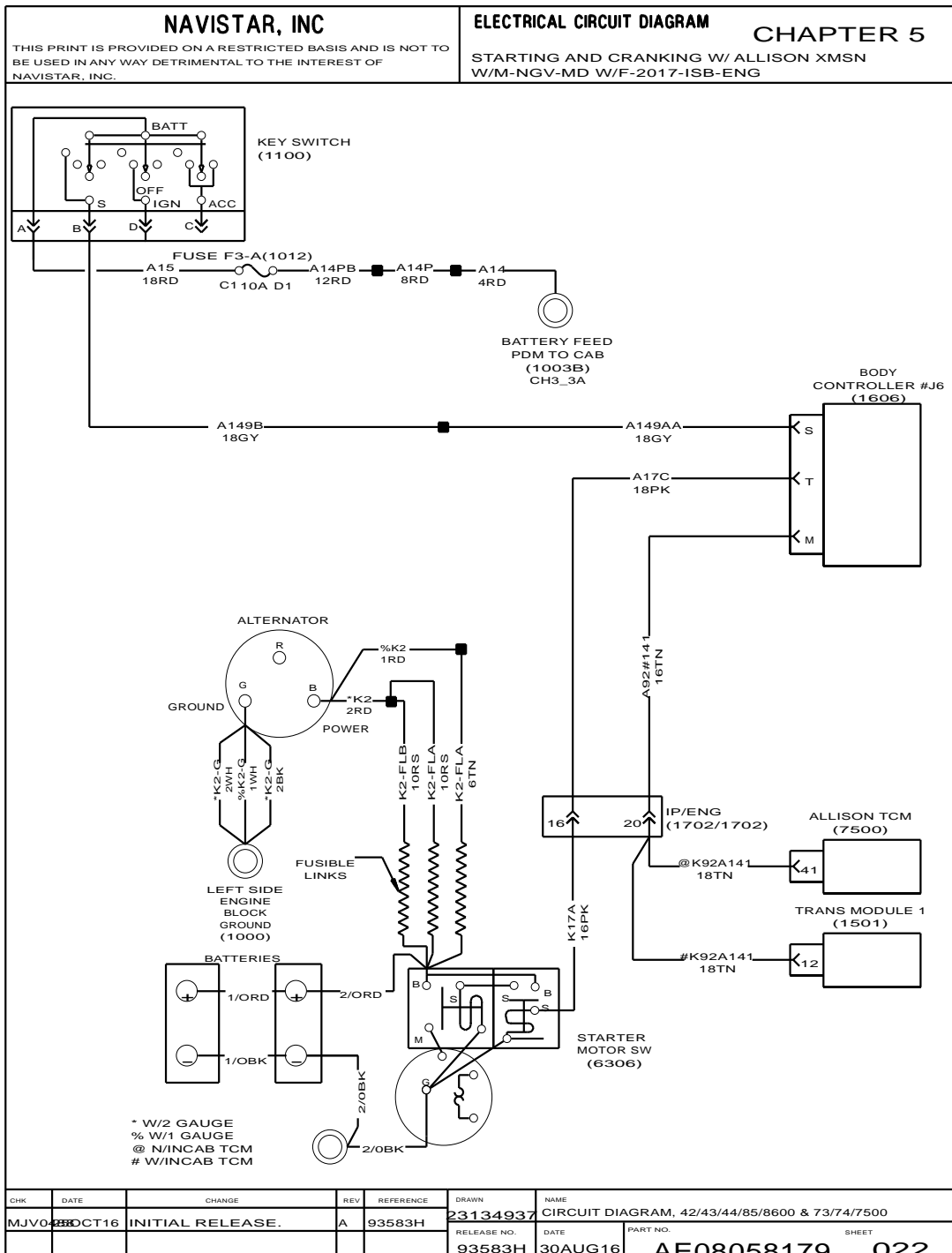


Figure 210 Starting and Cranking with Allison Transmission with M-NGV-MD with F-2017-ISB Engine

5.27. STARTING AND CRANKING WITH ALLISON TRANSMISSION WITH M-NGV-SS WITH F-2017-ISB ENGINE, P. 23

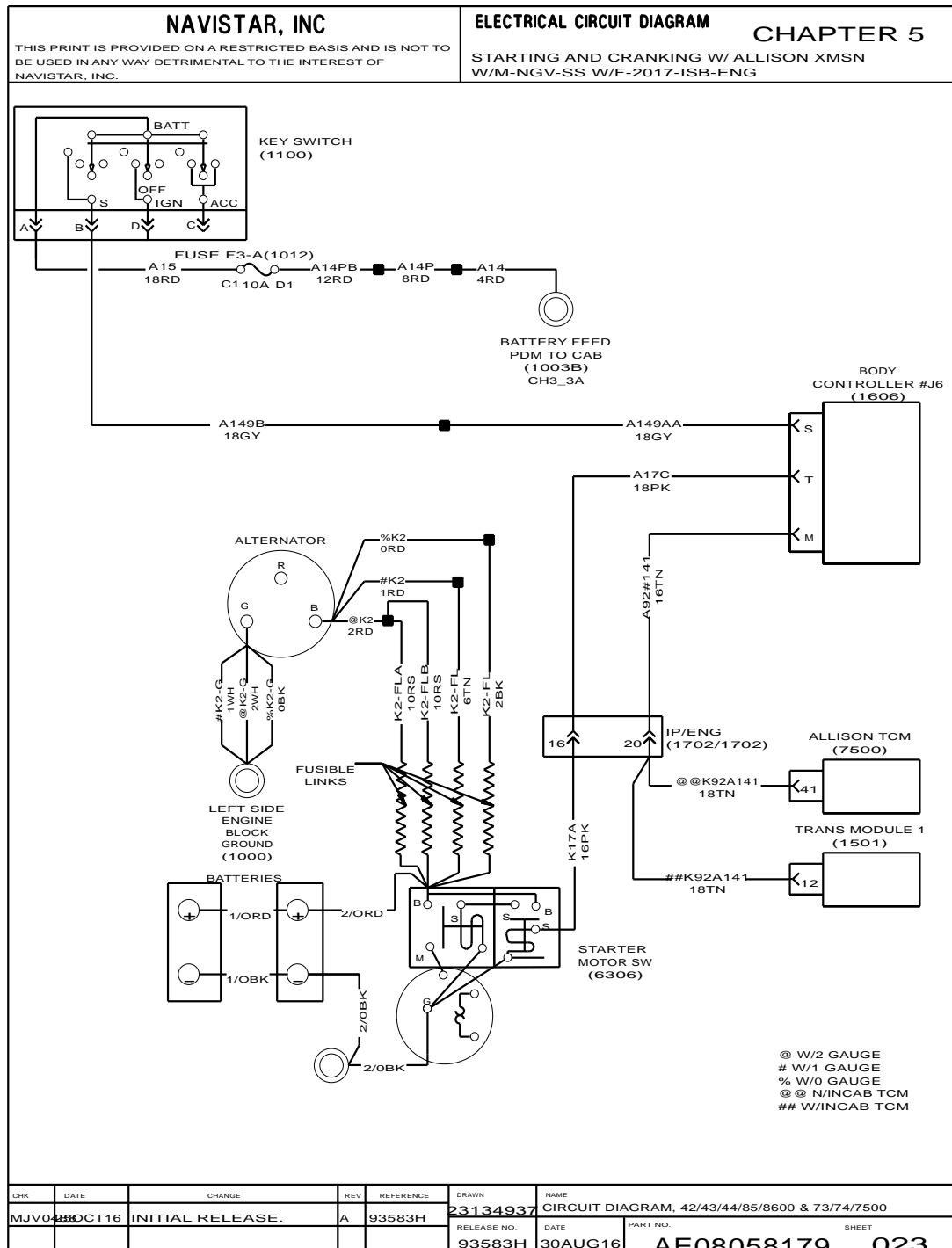


Figure 211 Starting and Cranking with Allison Transmission with M-NGV-SS with F-2017-ISB Engine

5.28. STARTING AND CRANKING WITH MANUAL TRANSMISSION WITH M-NGV-MD WITH F-2017-ISB ENGINE, P. 24

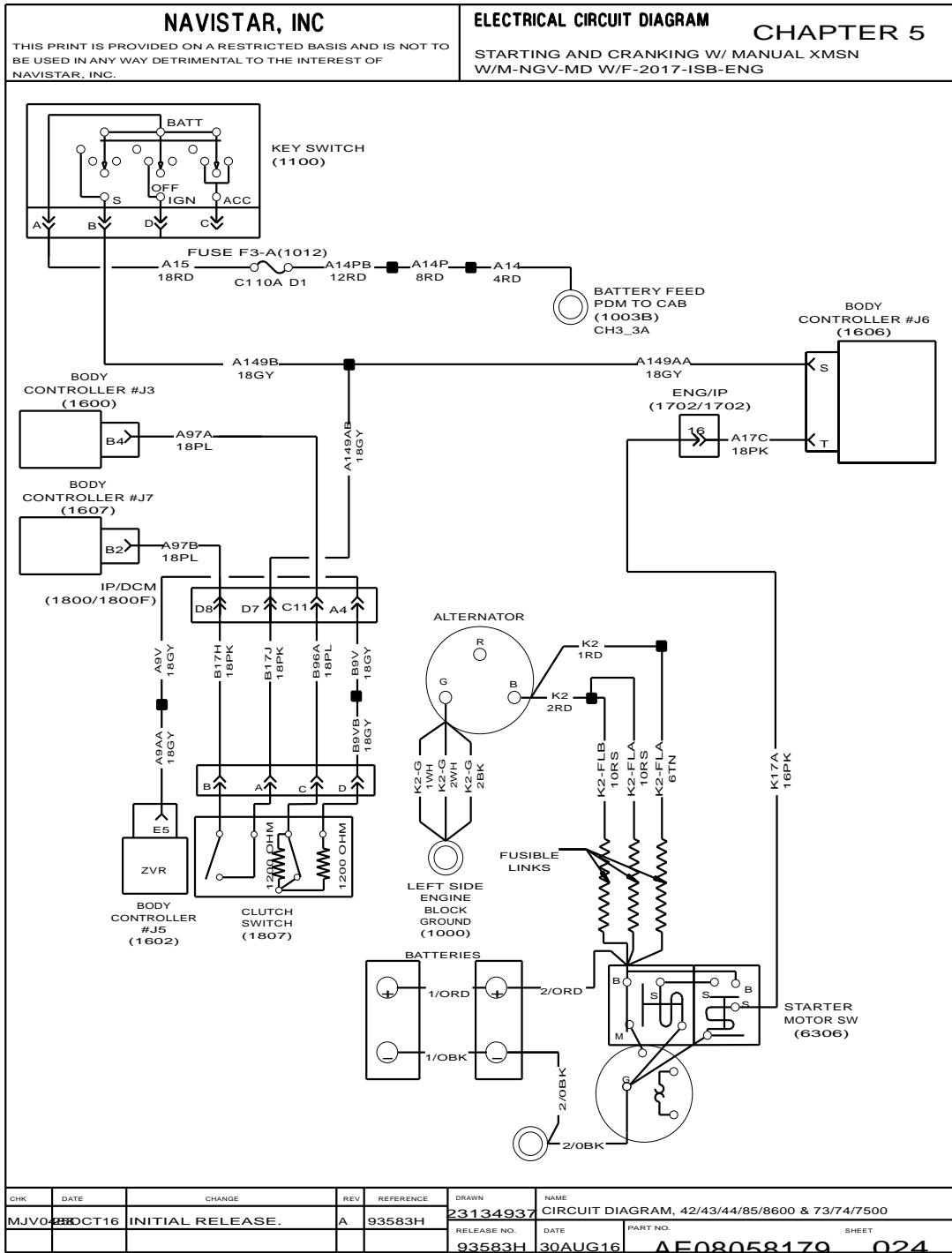


Figure 212 Starting and Cranking with Manual Transmission with M-NGV-MD with F-2017-ISB Engine

5.29. STARTING AND CRANKING WITH MANUAL TRANSMISSION WITH M-NGV-SS WITH F-2017-ISB ENGINE, P. 25

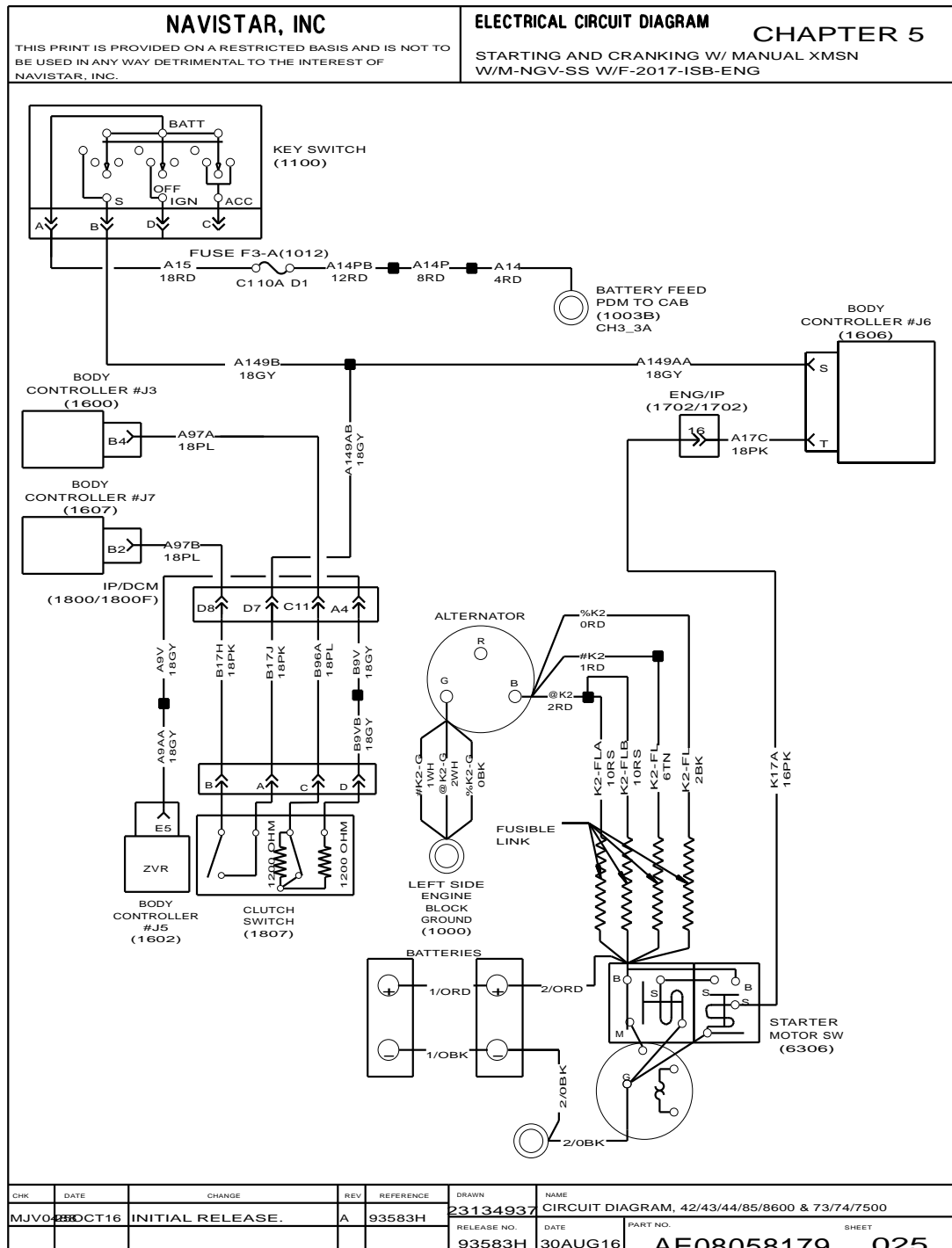


Figure 213 Starting and Cranking with Manual Transmission with M-NGV-SS with F-2017-ISB Engine

5.30. STARTING AND CRANKING WITH EATON PROCISION TRANSMISSION WITH M-NGV-MD WITH F-2017-ISB ENGINE, P. 26

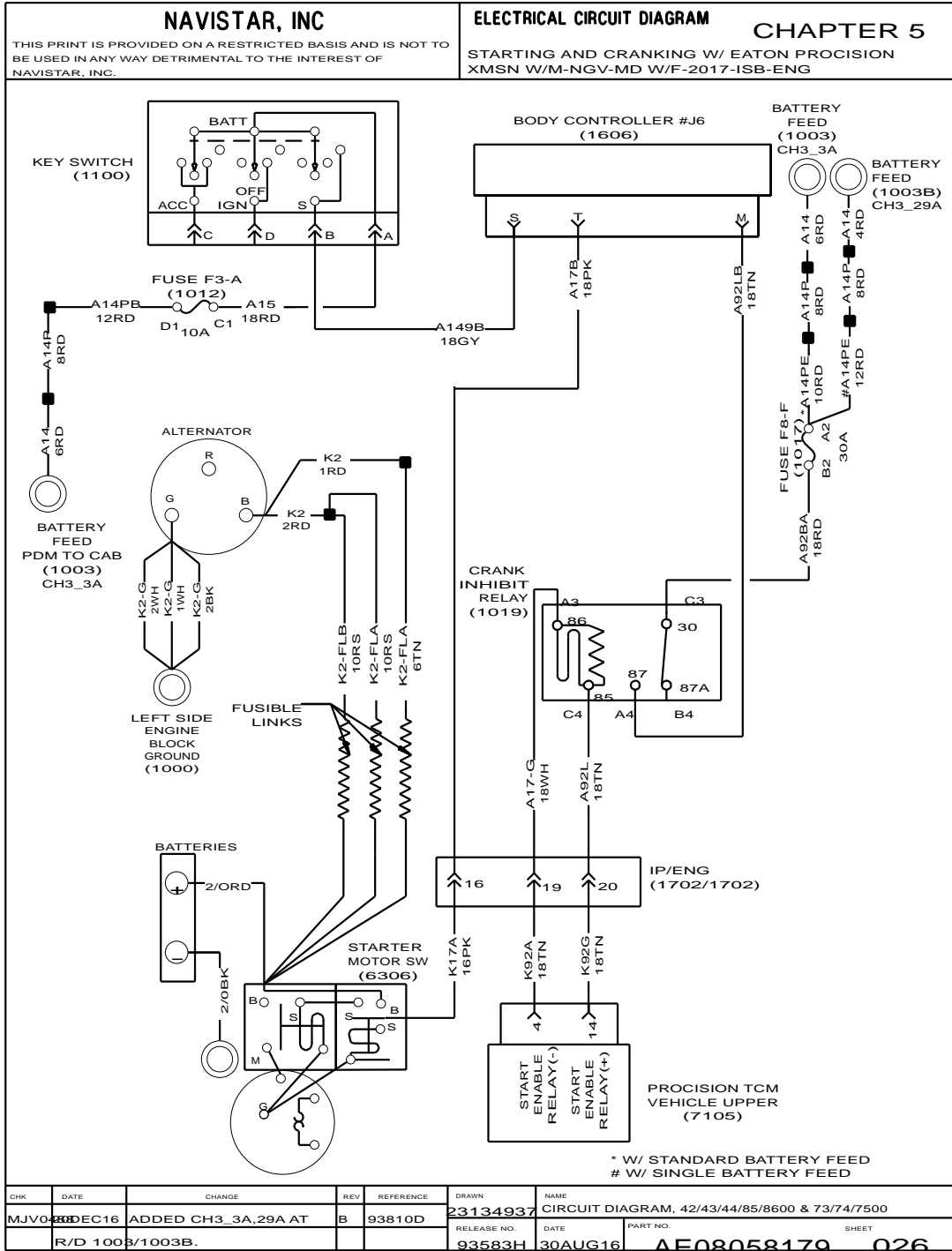


Figure 214 Starting and Cranking with Eaton Procision Transmission with M-NGV-MD with F-2017-ISB Engine

5.31. STARTING AND CRANKING WITH EATON ULTRASHIFT TRANSMISSION WITH M-NGV-MD WITH F-2017-ISB ENGINE, P. 27

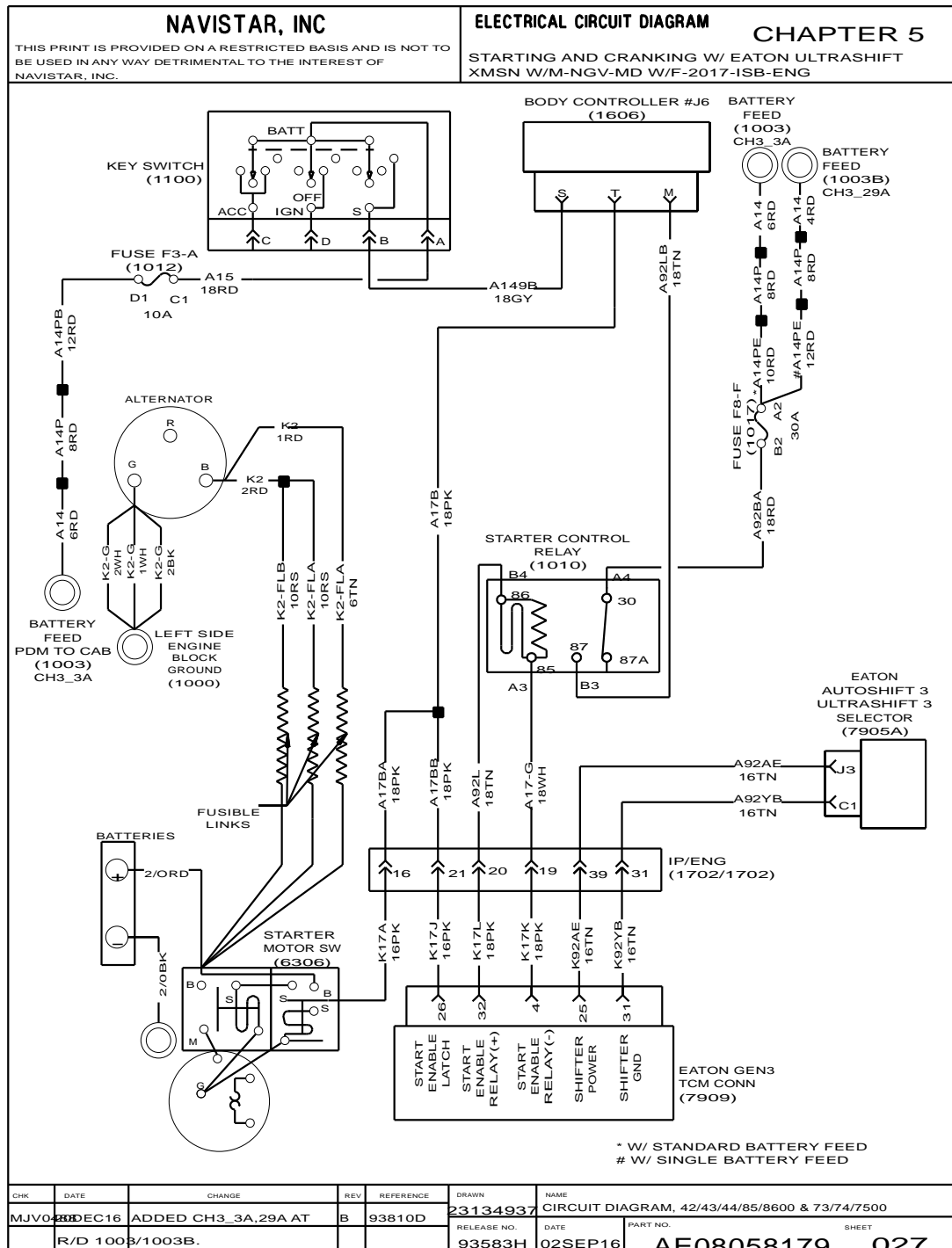


Figure 215 Starting and Cranking with Eaton Ultrashift Transmission with M-NGV-MD with F-2017-ISB Engine

5.32. STARTING AND CRANKING WITH MANUAL TRANSMISSION WITH F-2017-ISL ENGINE, P. 28

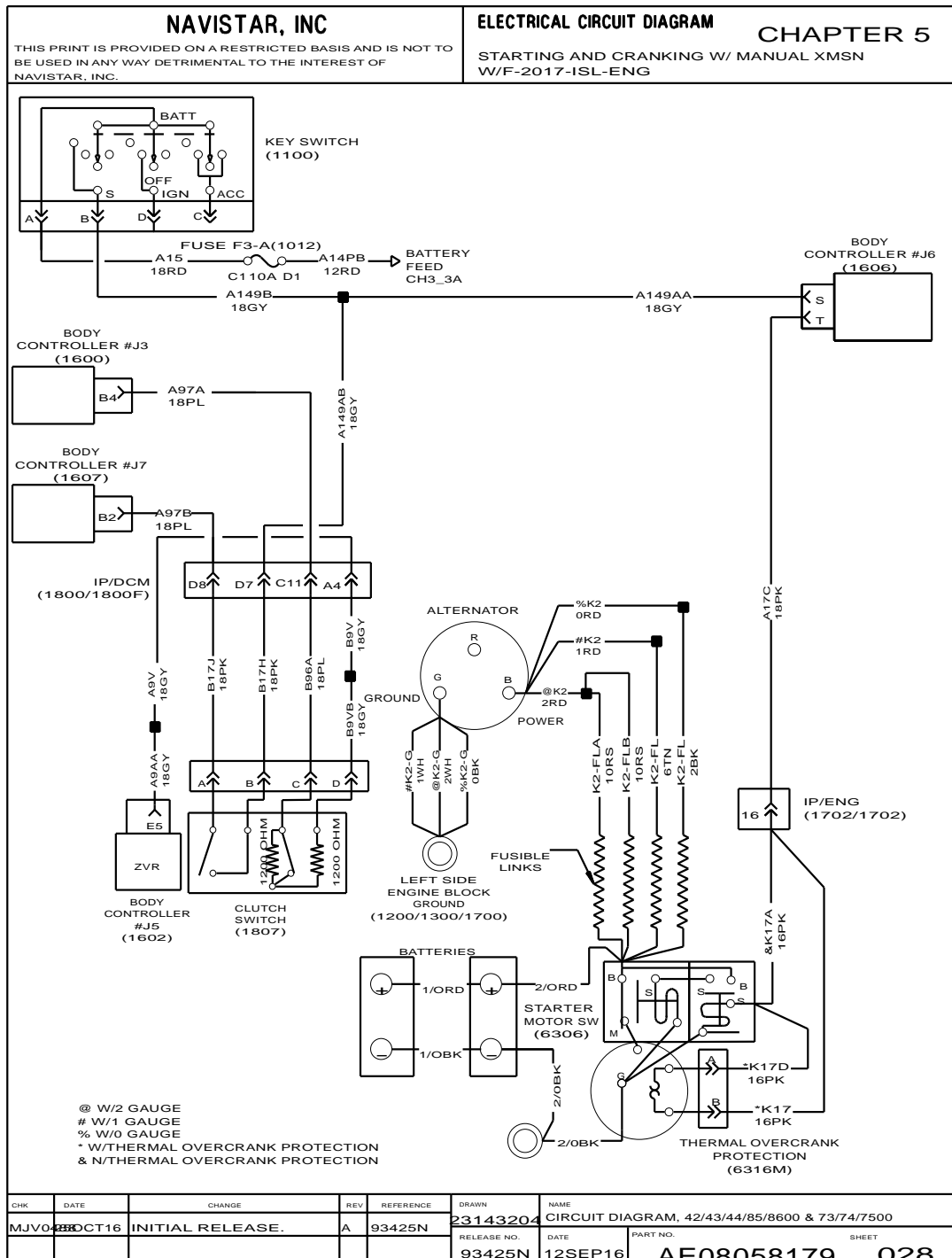


Figure 216 Starting and Cranking with Manual Transmission with F-2017-ISL Engine

5.33. STARTING AND CRANKING WITH ALLISON TRANSMISSION WITH F-2017-ISL ENGINE, P. 29

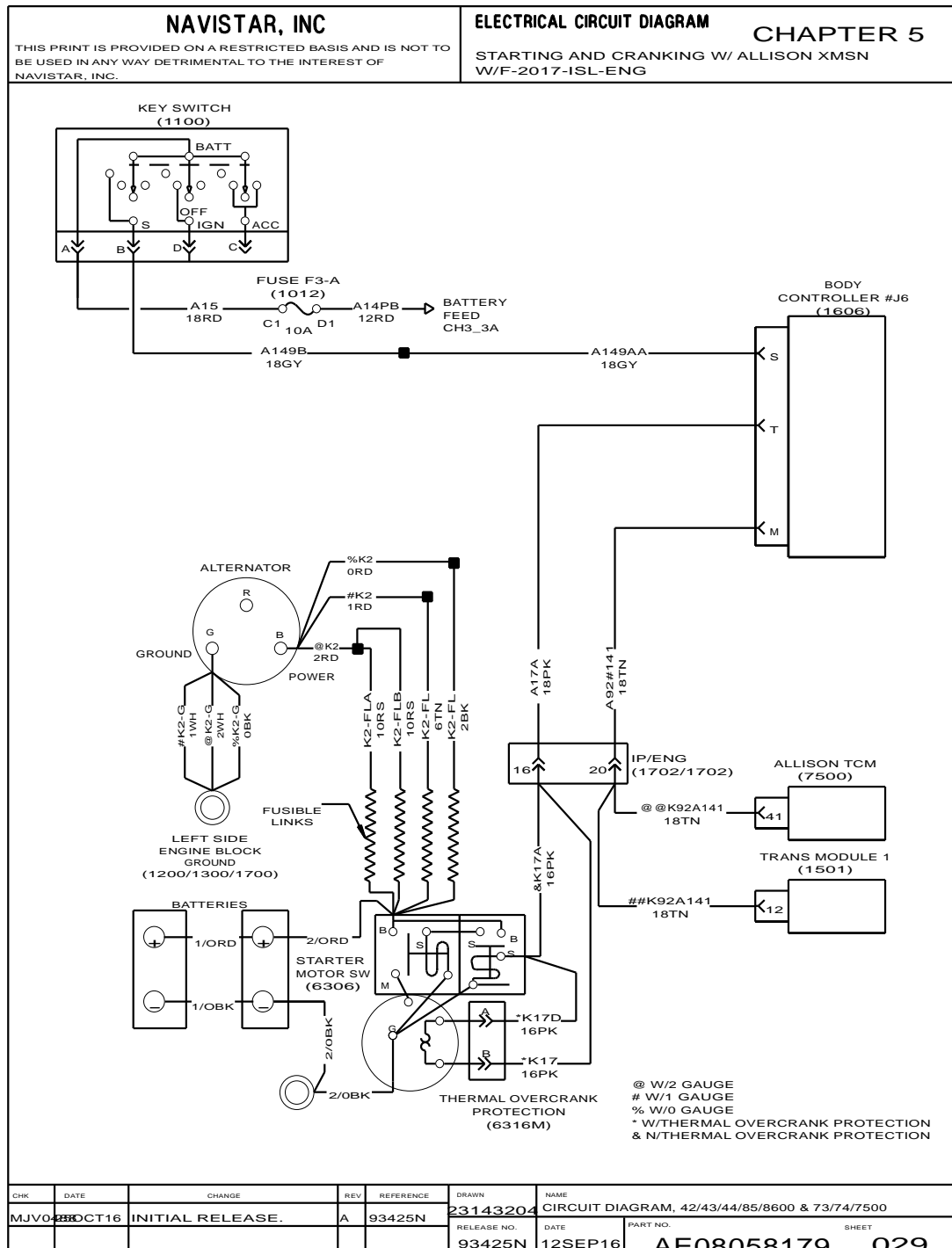


Figure 217 Starting and Cranking with Allison Transmission with F-2017-ISL Engine

5.34. REMOTE VOLTAGE SENSE AND GRID HEATER WIRING WITH F-2017-ISL ENGINE, P. 30

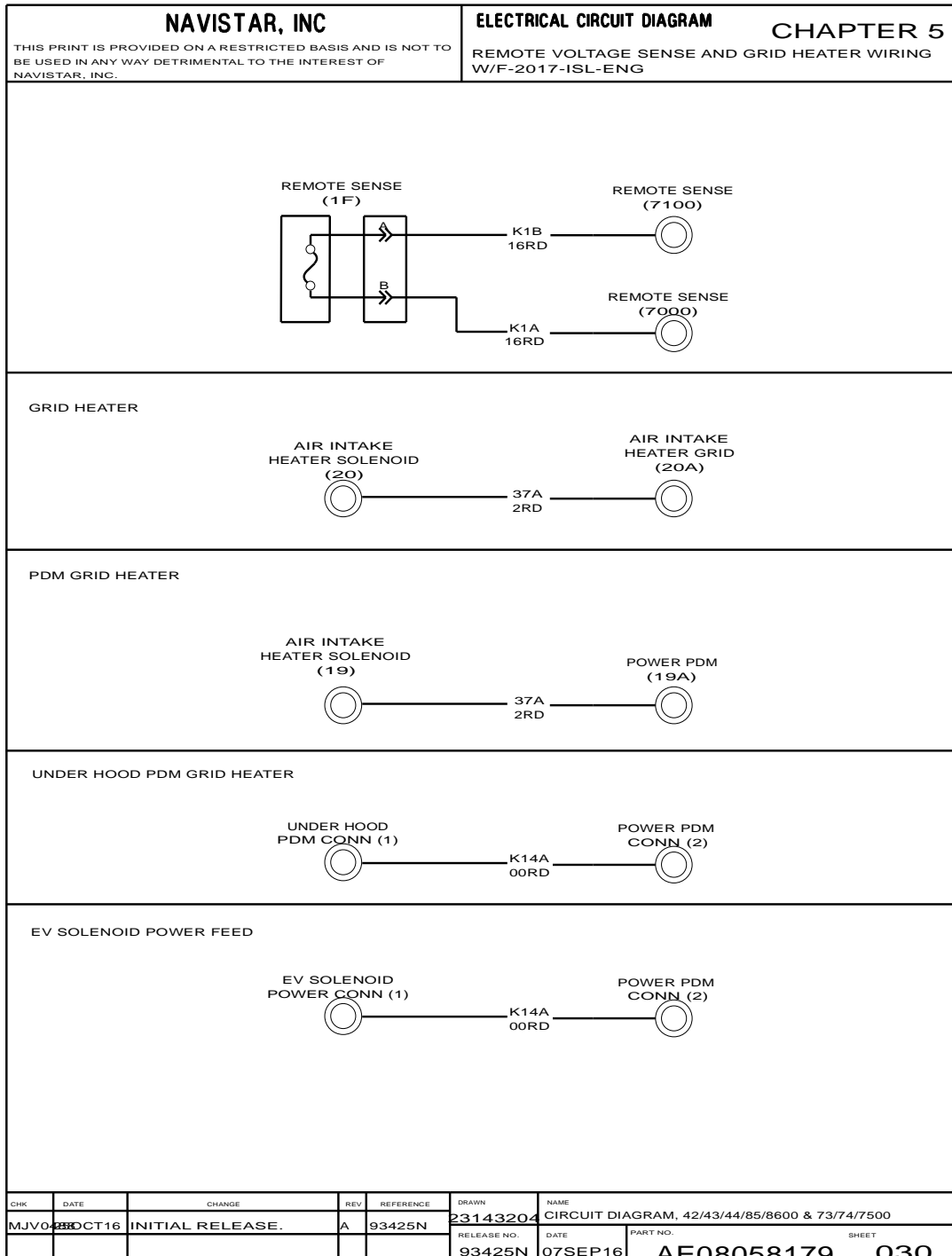


Figure 218 Remote Voltage Sense and Grid Heater Wiring with F-2017-ISL Engine

FANS AND ENGINE ACCESSORIES (CHAPTER 6)

6.1. FAN WIRING, I6 / V8 ENGINES, P. 1

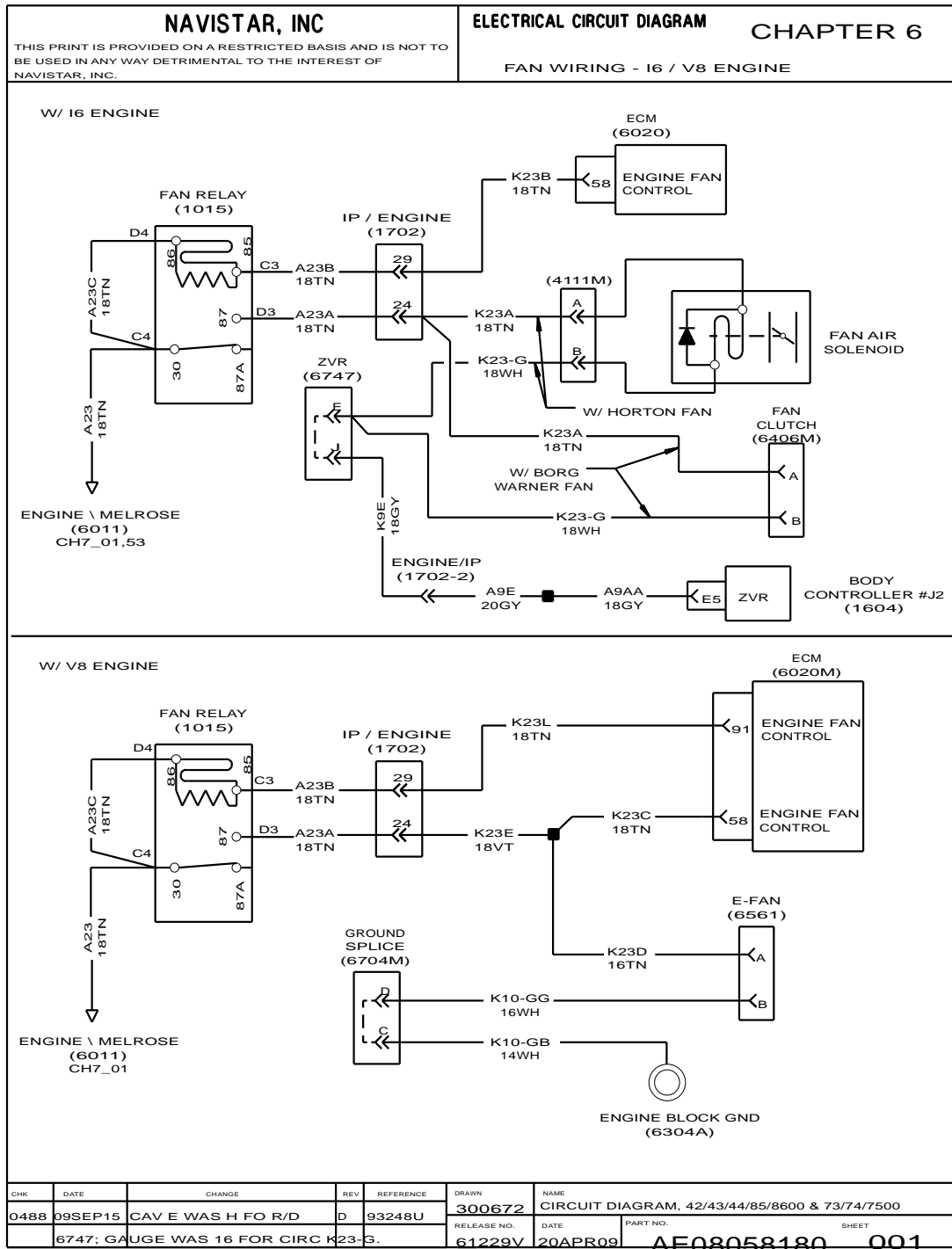


Figure 219 Fan Wiring, I6 / V8 Engines

6.2. SNOW VALVE, P. 2

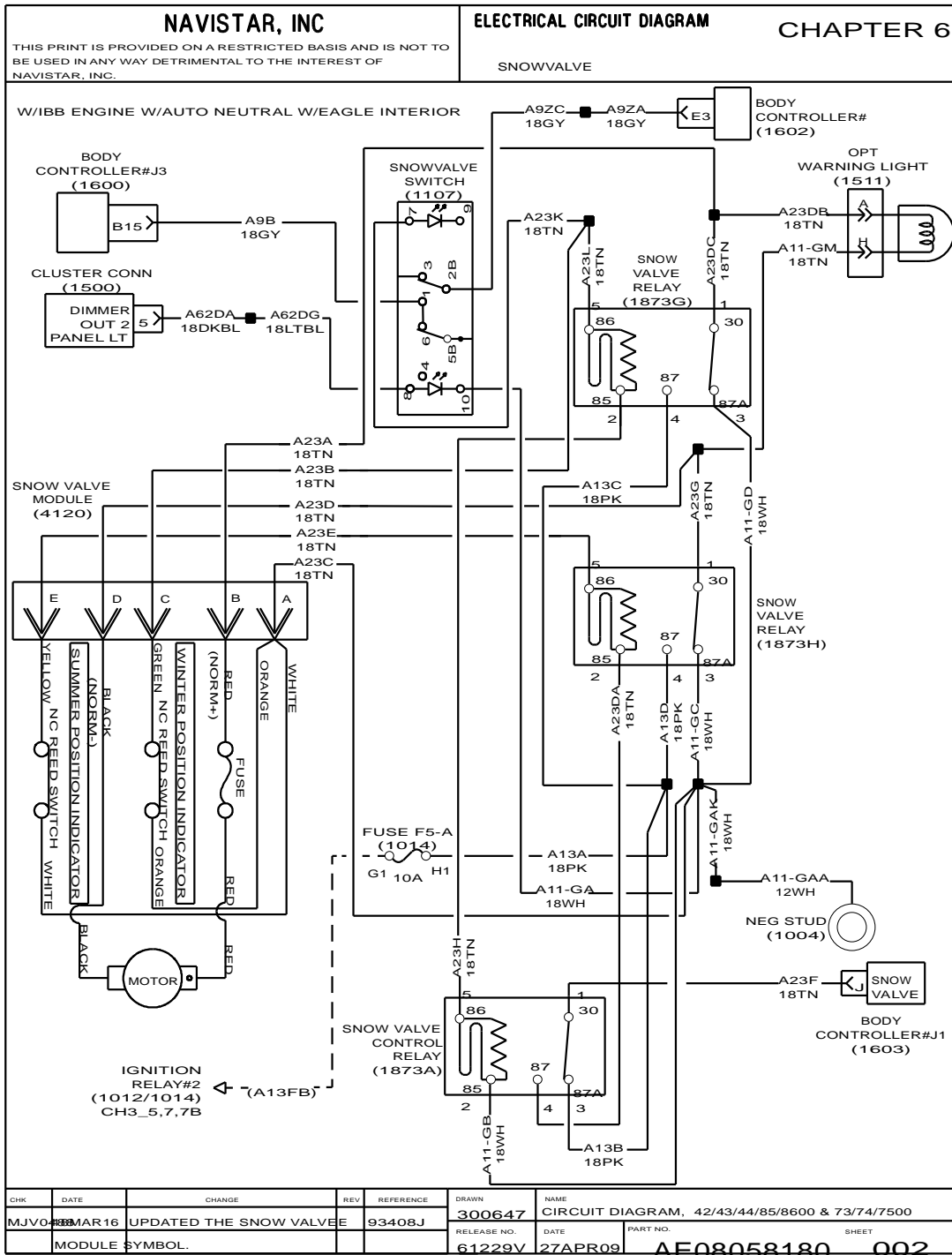


Figure 220 Snow Valve

6.3. SNOW VALVE (CONT.), P. 2A

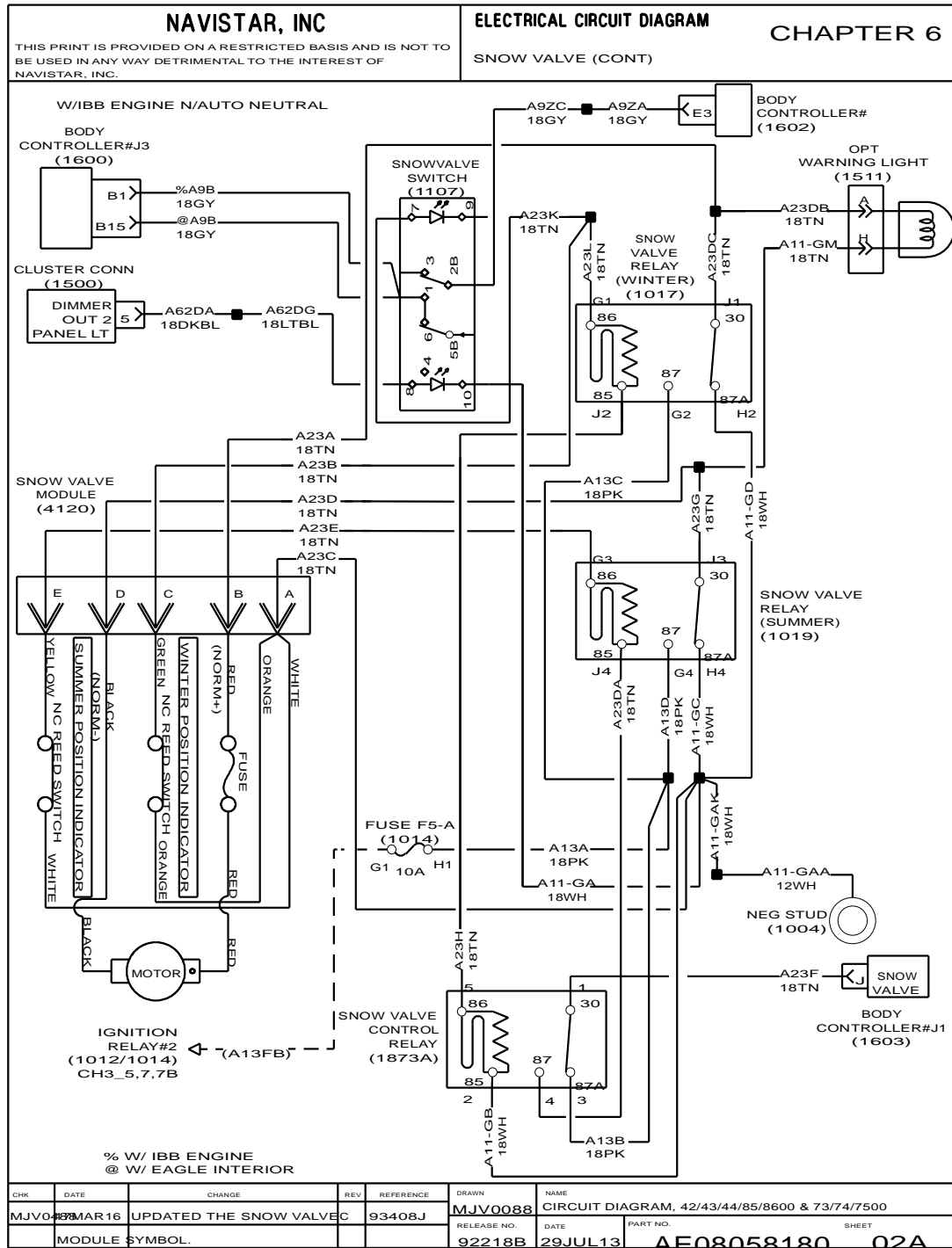


Figure 221 Snow Valve (Cont.)

6.4. SNOW VALVE (CONT.), P. 2B

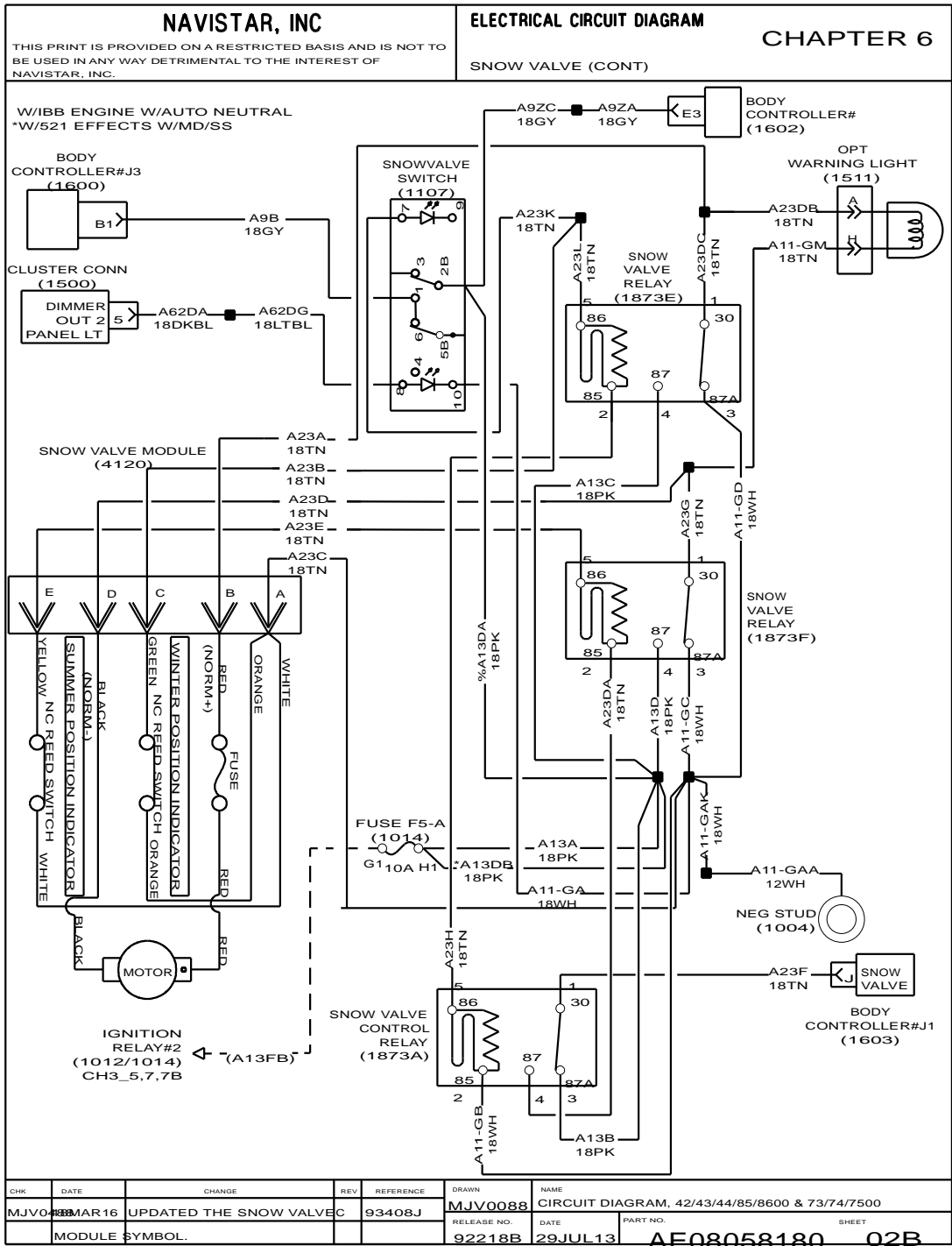


Figure 222 Snow Valve (Cont.)

6.5. SNOW VALVE (CONT.), P. 2C

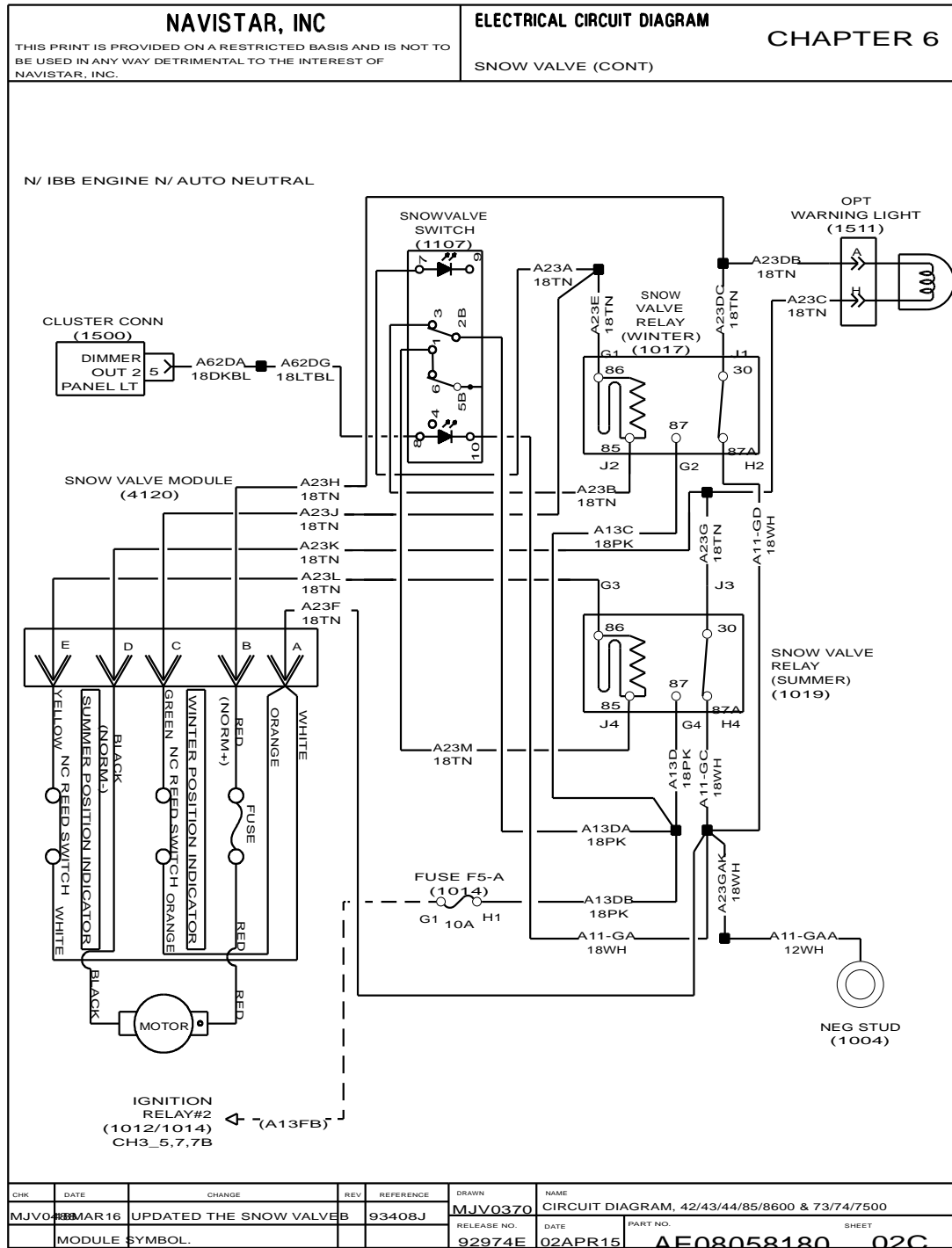


Figure 223 Snow Valve (Cont.)

6.6. SNOW VALVE (CONT.), P. 2D

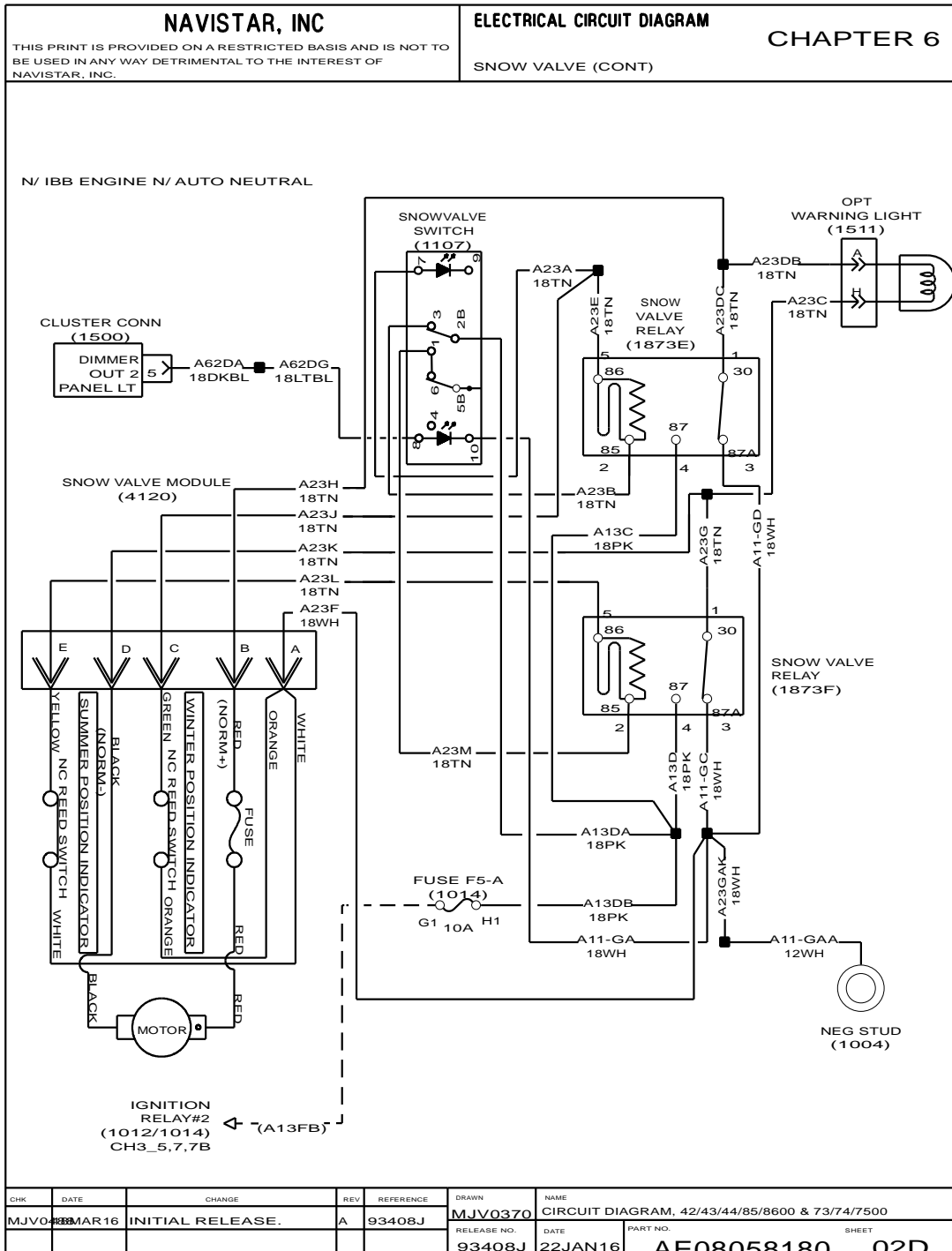


Figure 224 Snow Valve (Cont.)

6.7. STARTING AID – COLD START ASSIST (IBB ENGINE), P. 3

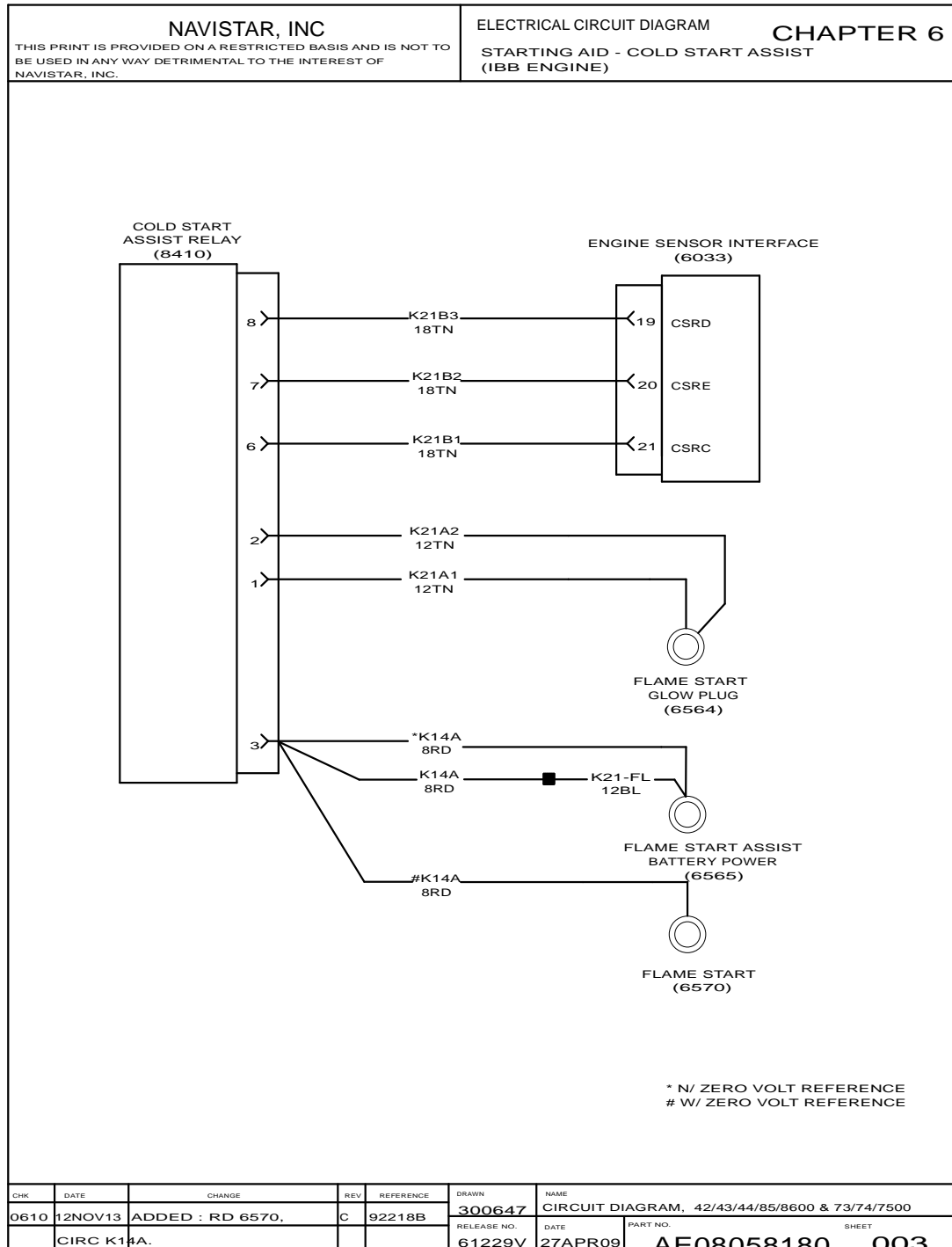


Figure 225 Starting Aid – Cold Start Assist (IBB Engine)

6.8. FAN WIRING – IBB ENGINE, P. 4

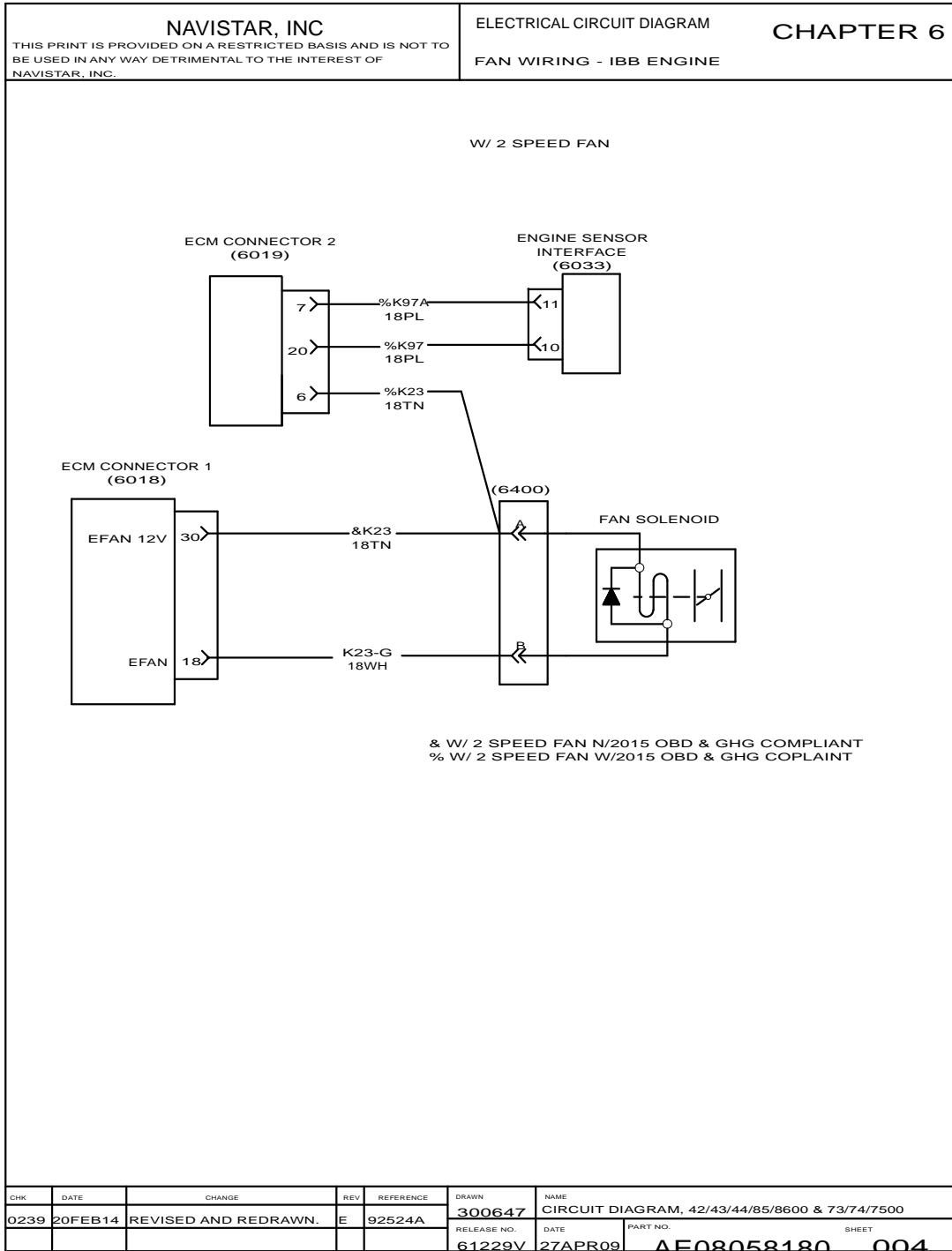


Figure 226 Fan Wiring – IBB Engine

6.9. FAN WIRING – IBB ENGINE (CONT.), P. 4A

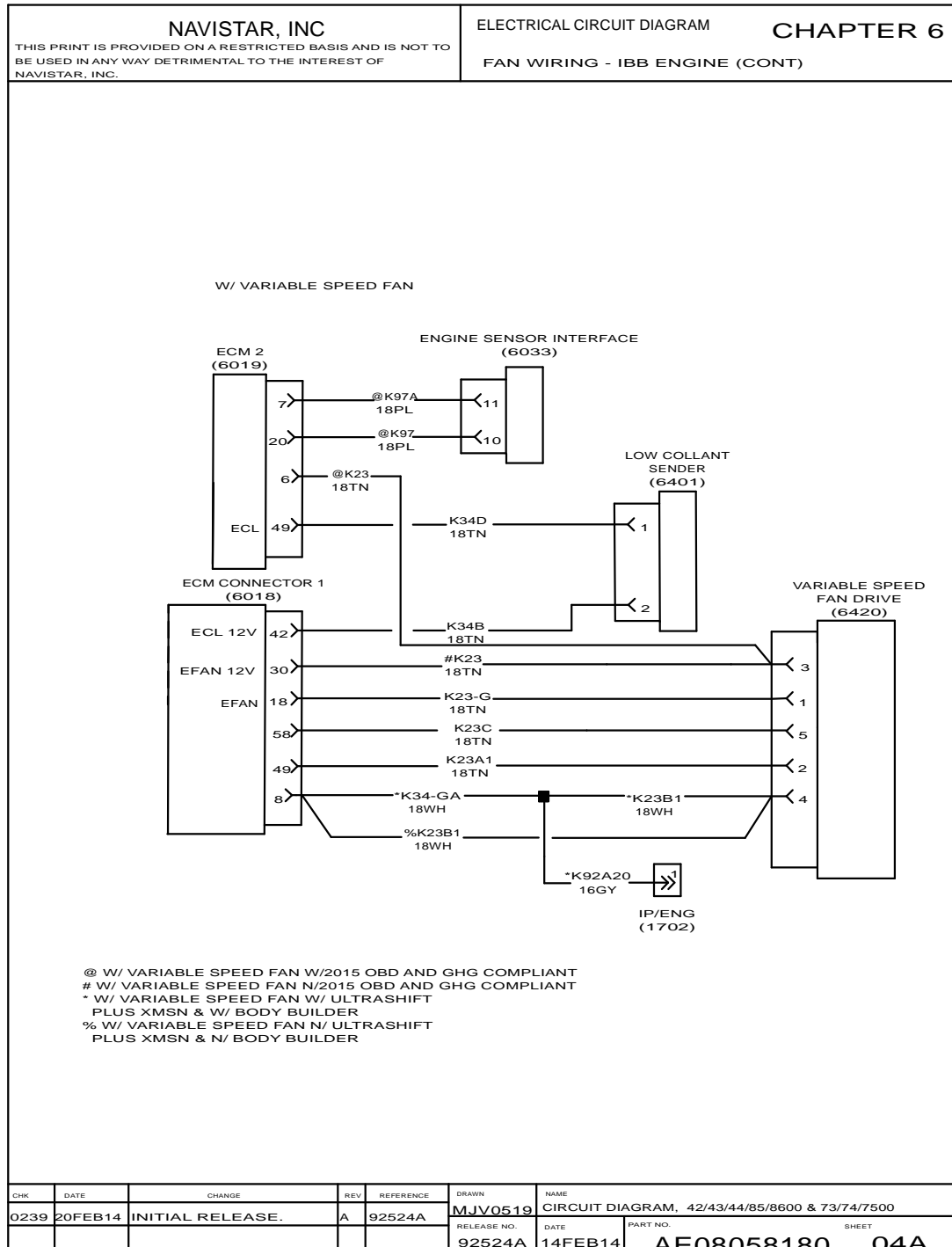


Figure 227 Fan Wiring – IBB Engine (Cont.)

6.10. ELECTRIC AIR COMPRESSOR WITH MD, P. 5

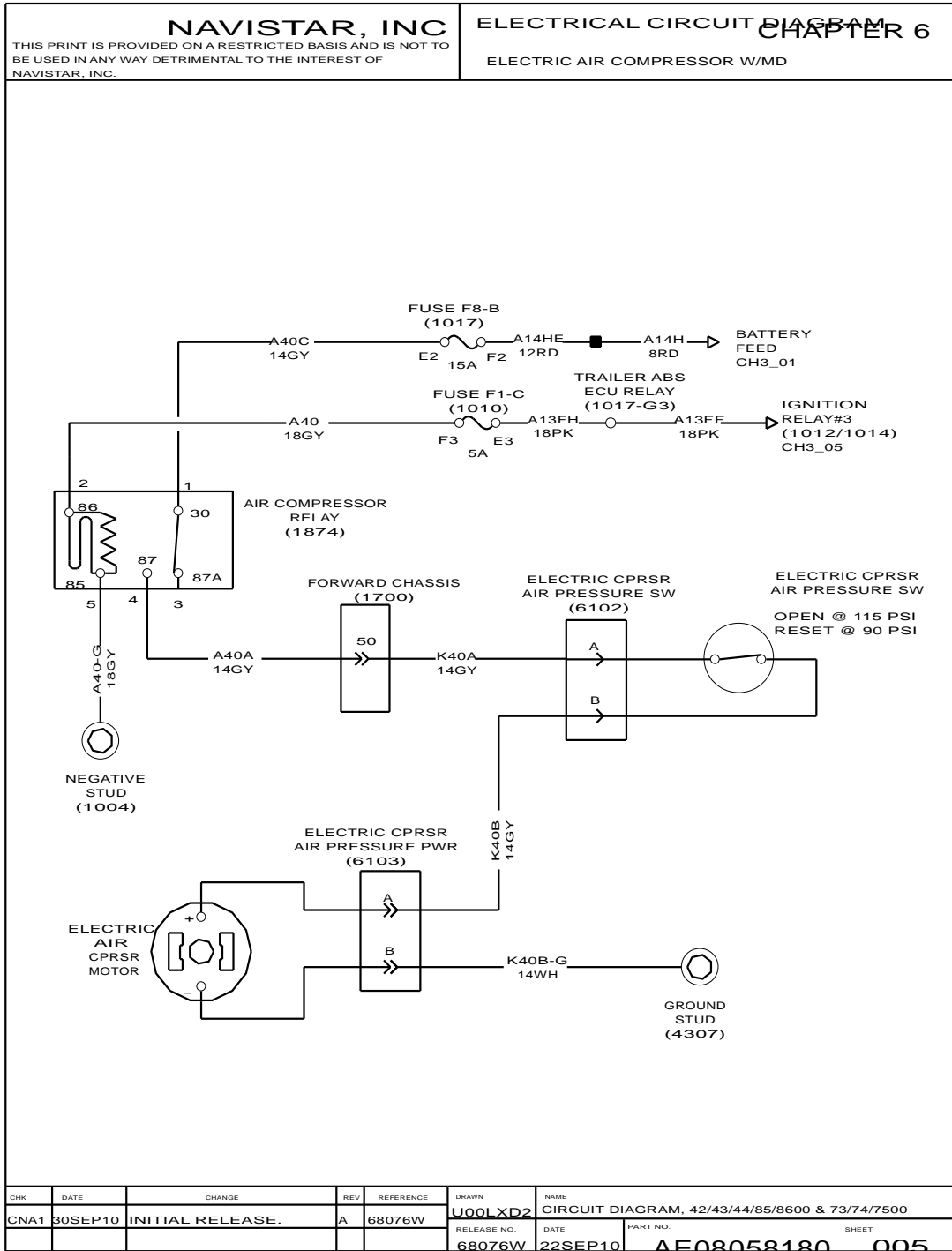


Figure 228 Electric Air Compressor with MD

6.11. FAN WIRING – ISL–G ENGINE, P. 6

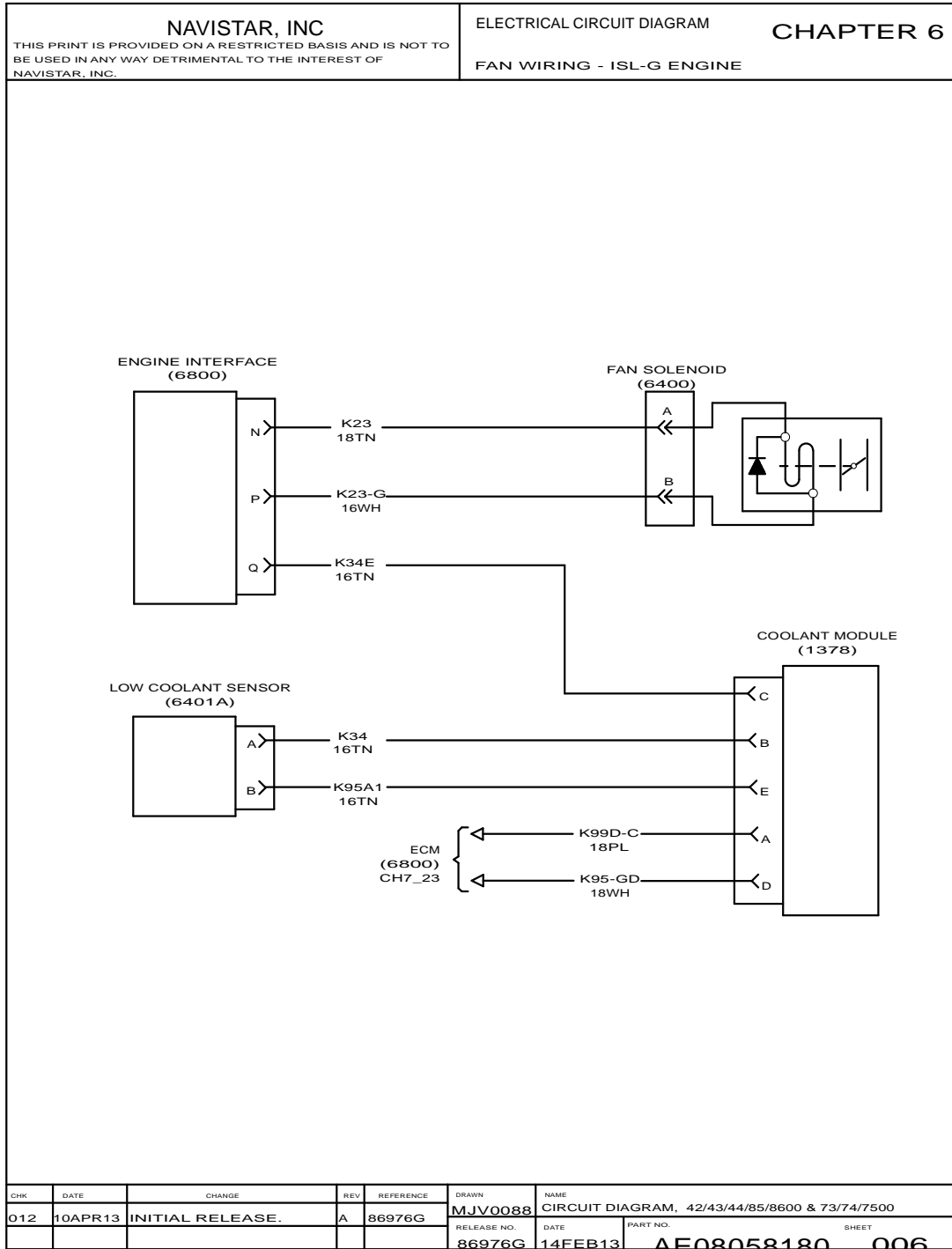


Figure 229 Fan Wiring – ISL–G Engine

6.12. FAN WIRING WITH F-2017-ISB ENGINE, P. 7

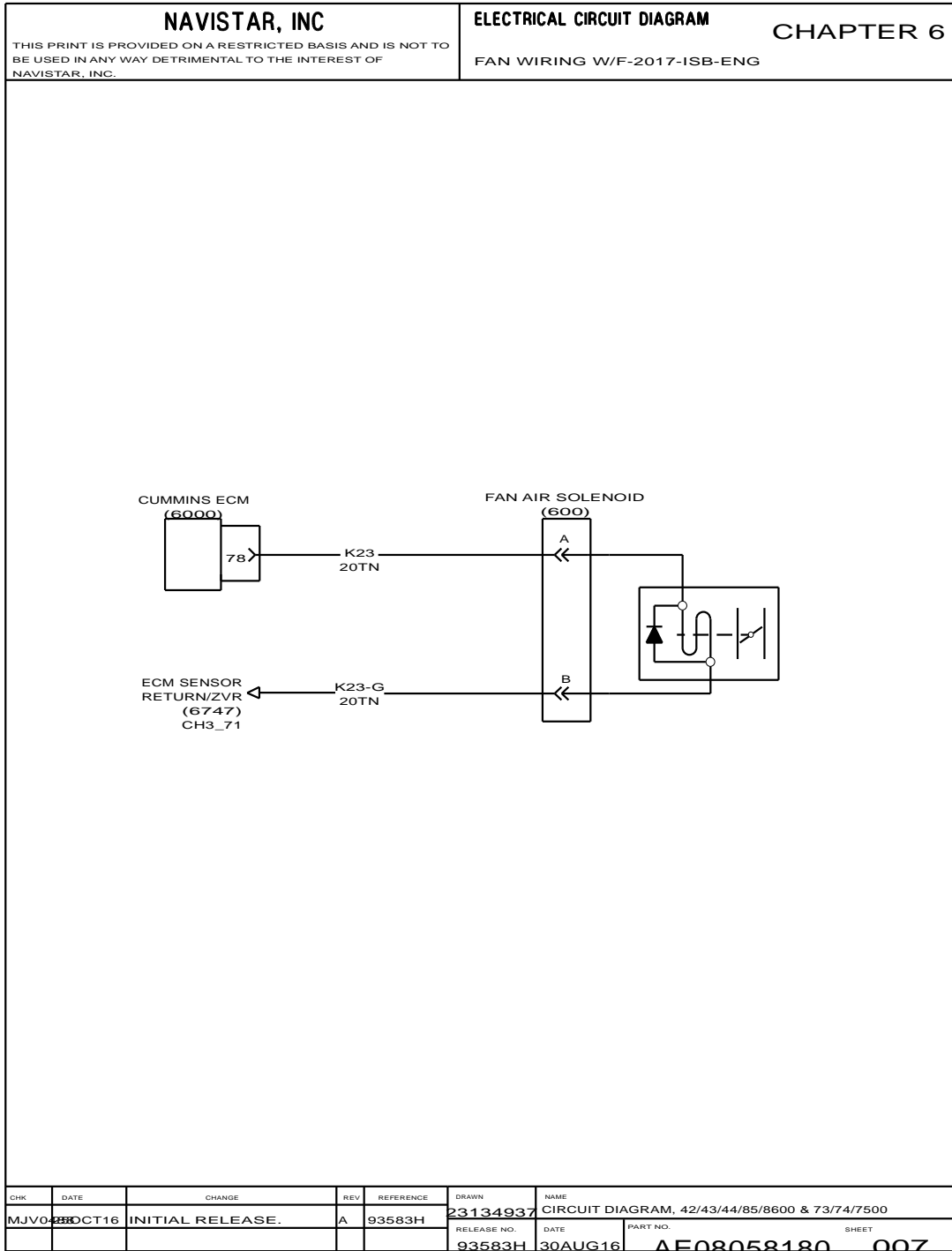


Figure 230 Fan Wiring with F-2017-ISB Engine

ELECTRONIC ENGINES (CHAPTER 7)

7.1. ELECTRONIC ENGINE CONTROLS, I6 ENGINES, P. 1

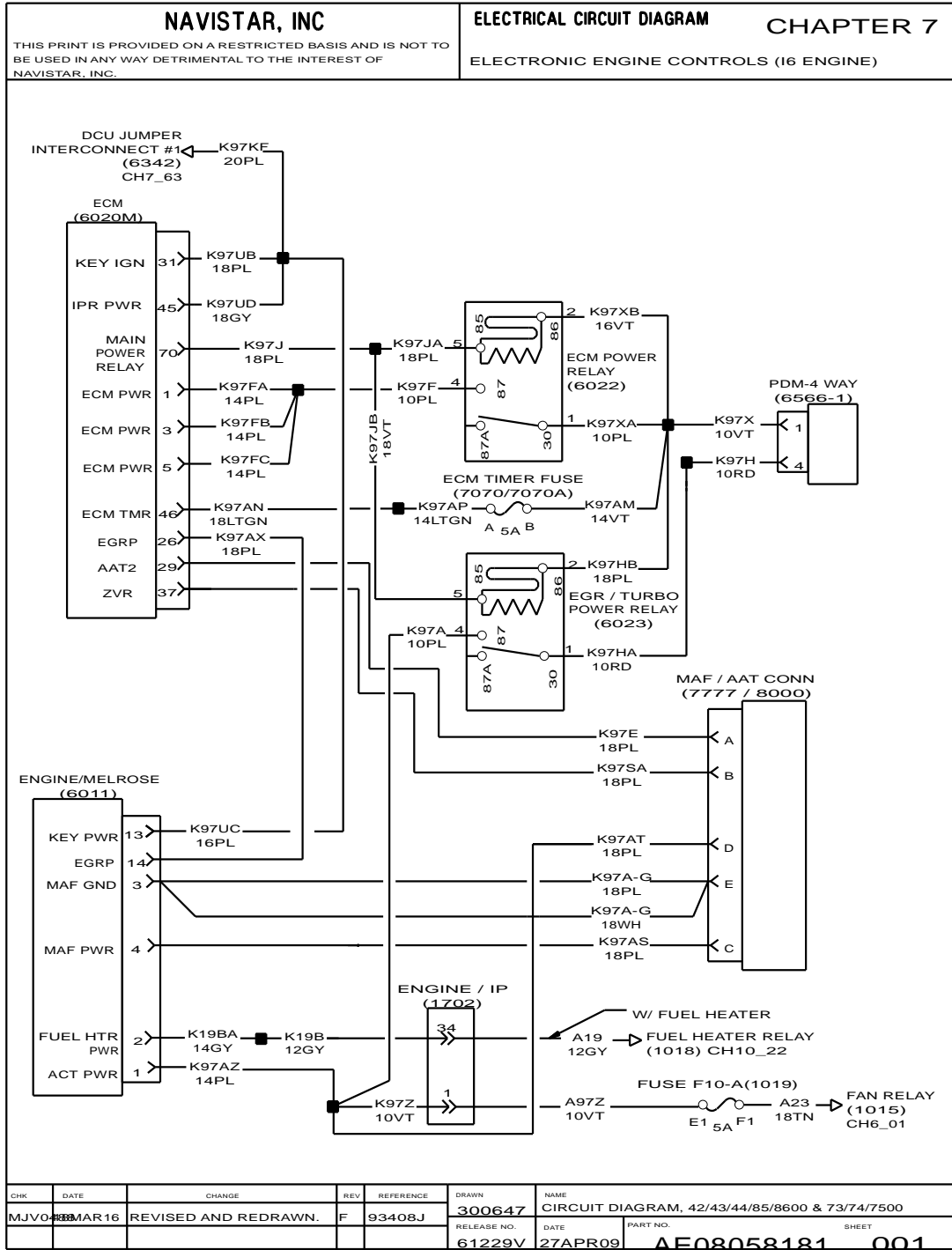


Figure 231 Electronic Engine Controls, I6 Engines

7.2. ELECTRONIC ENGINE CONTROLS, I6 ENGINES (CONT.), P. 1A

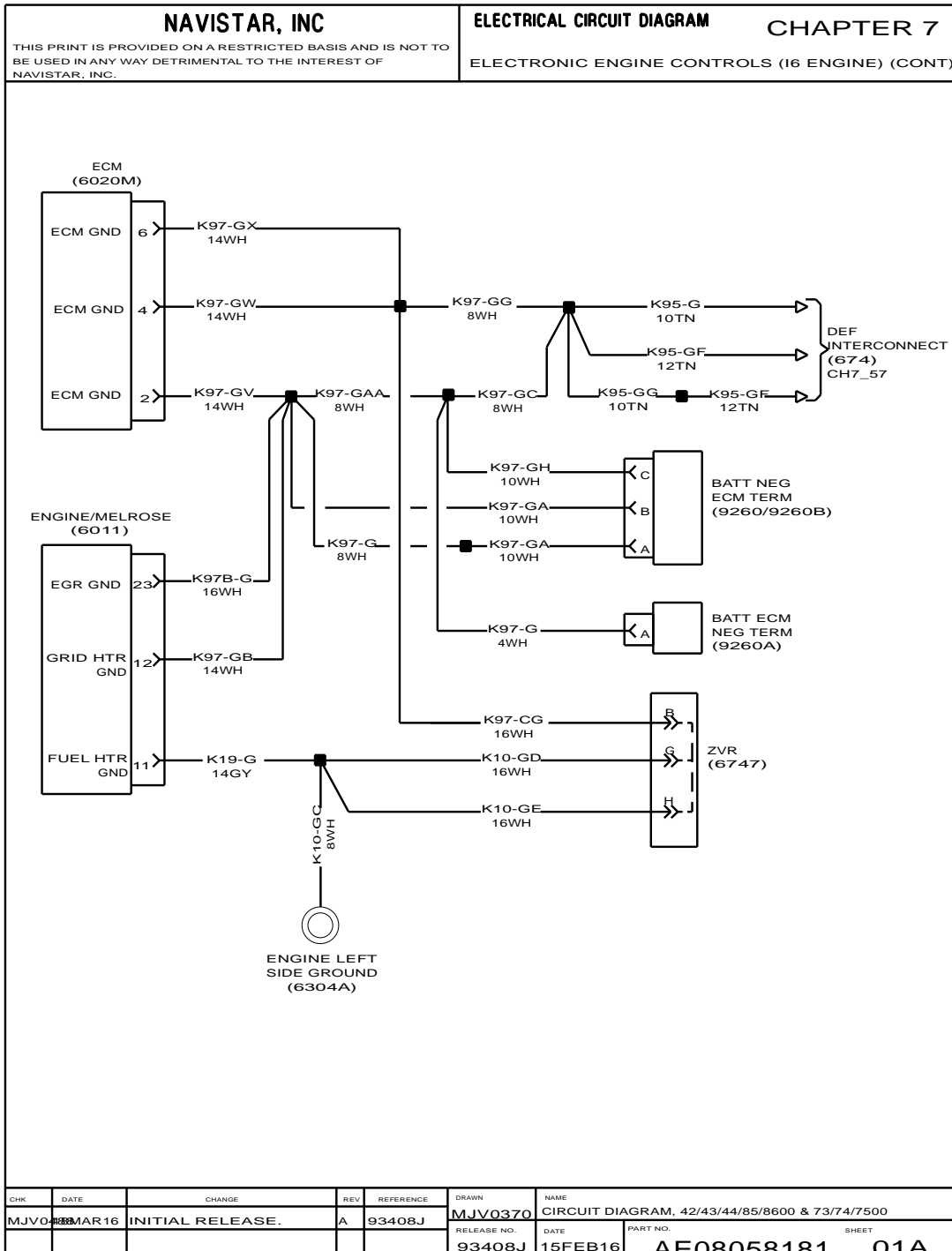


Figure 232 Electronic Engine Controls, I6 Engines (Cont.)

7.3. ELECTRONIC ENGINE CONTROLS, I6 ENGINES (CONT.), P. 2

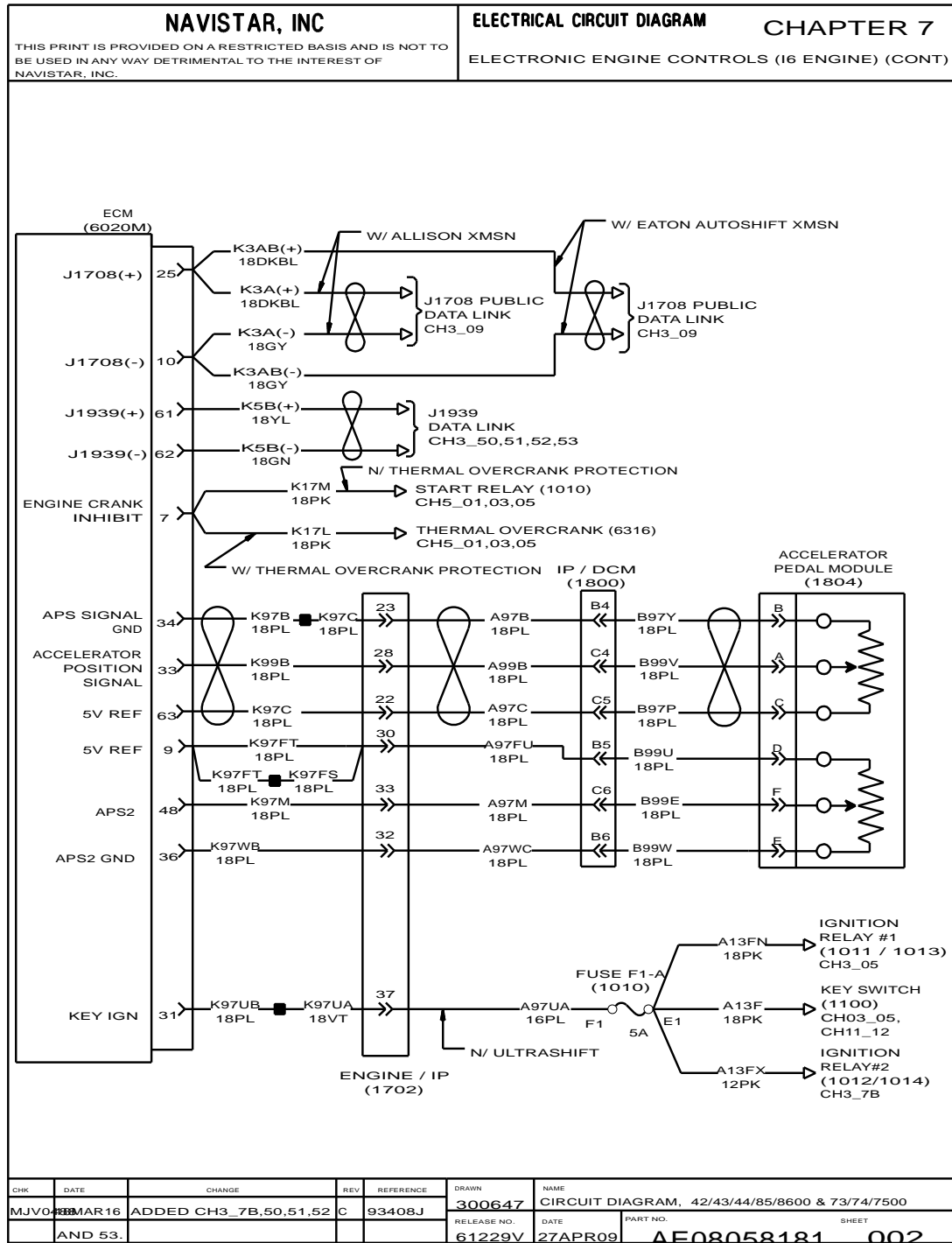


Figure 233 Electronic Engine Controls, I6 Engines (Cont.)

7.4. ELECTRONIC ENGINE CONTROLS, I6 ENGINES (CONT.), P. 3

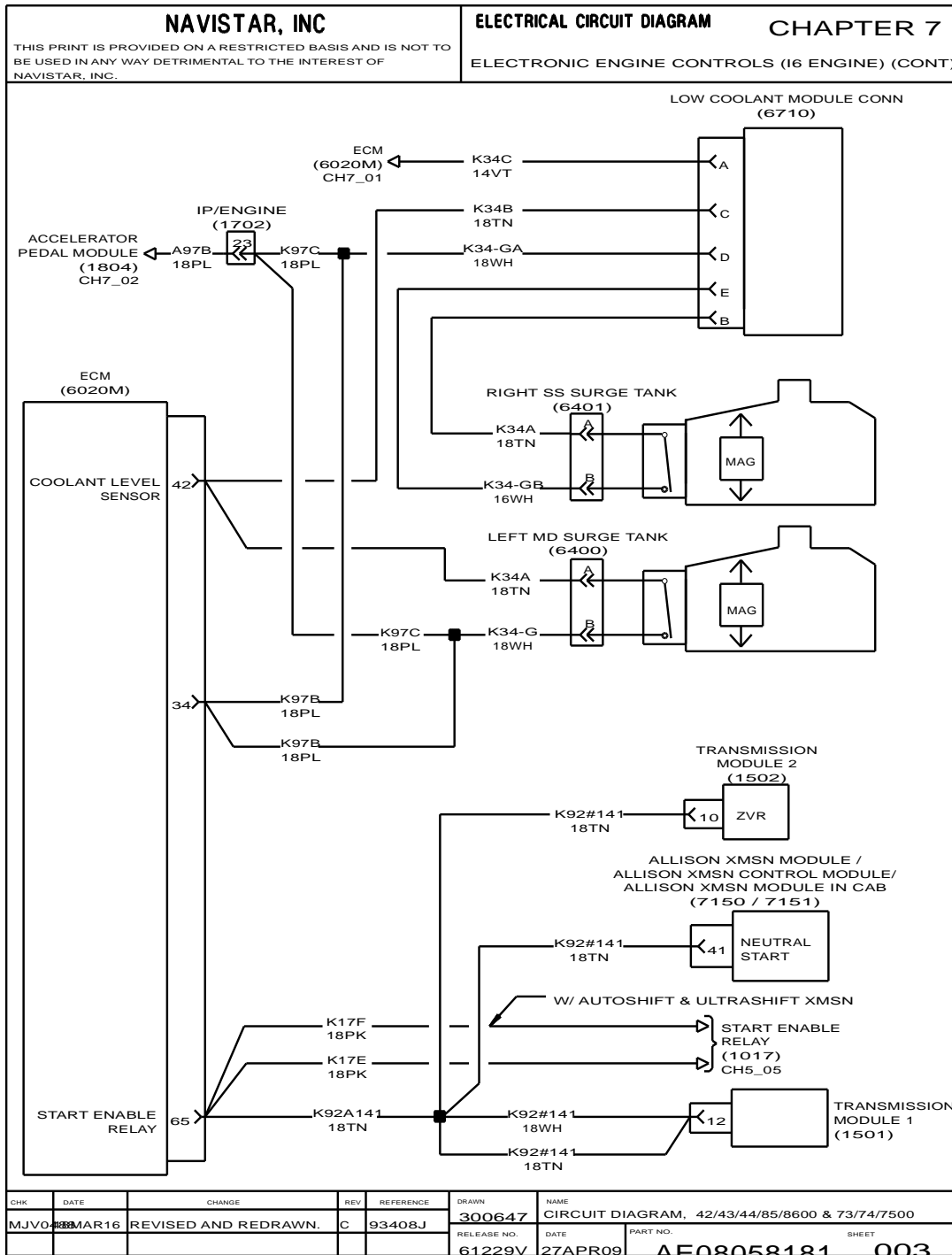


Figure 234 Electronic Engine Controls, I6 Engines (Cont.)

7.5. ELECTRONIC ENGINE CONTROLS, I6 ENGINES (CONT.), P. 4

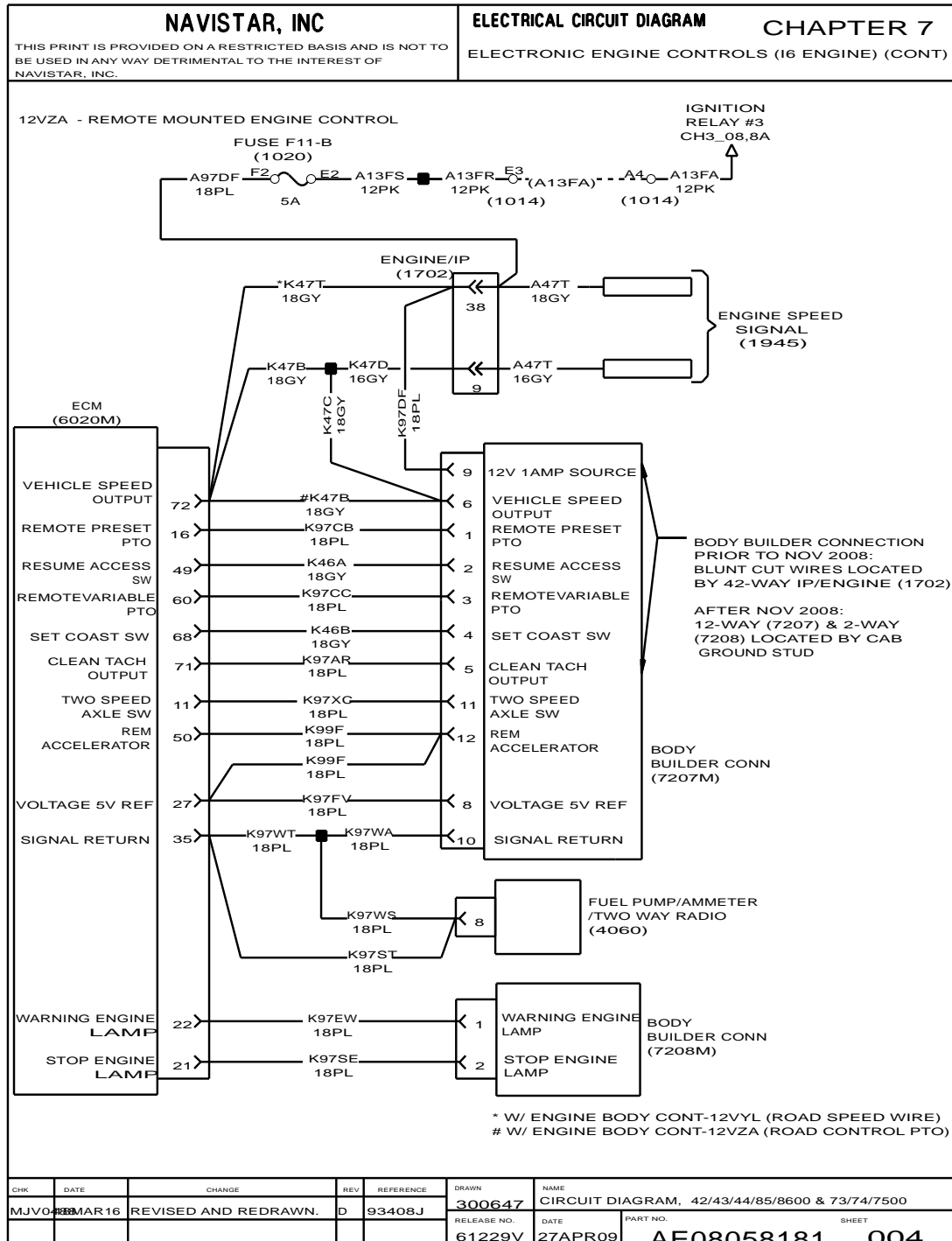


Figure 235 Electronic Engine Controls, I6 Engines (Cont.)

7.6. ELECTRONIC ENGINE CONTROLS, I6 ENGINES (CONT.), P. 5

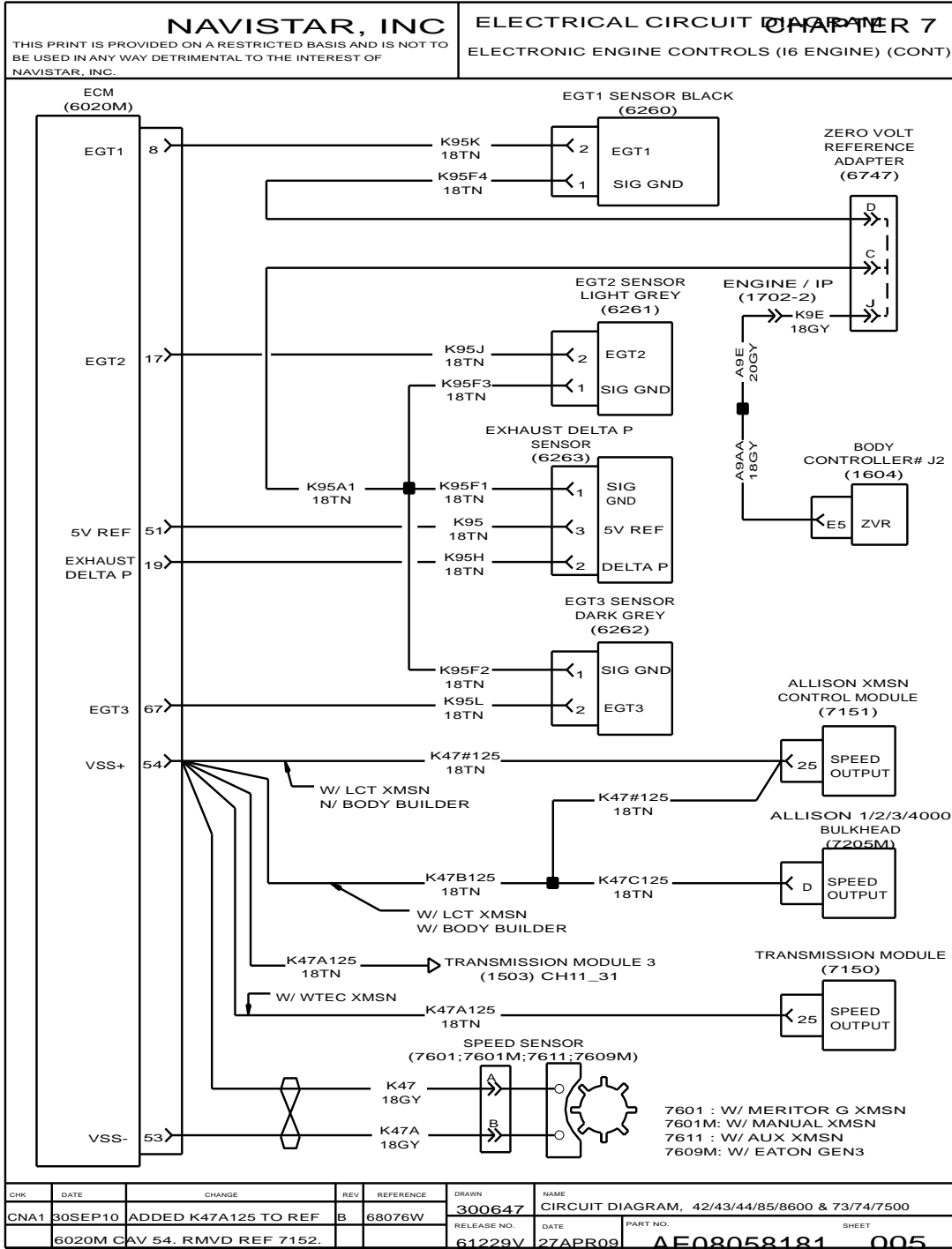


Figure 236 Electronic Engine Controls, I6 Engines (Cont.)

7.7. CRUISE CONTROL, P. 6

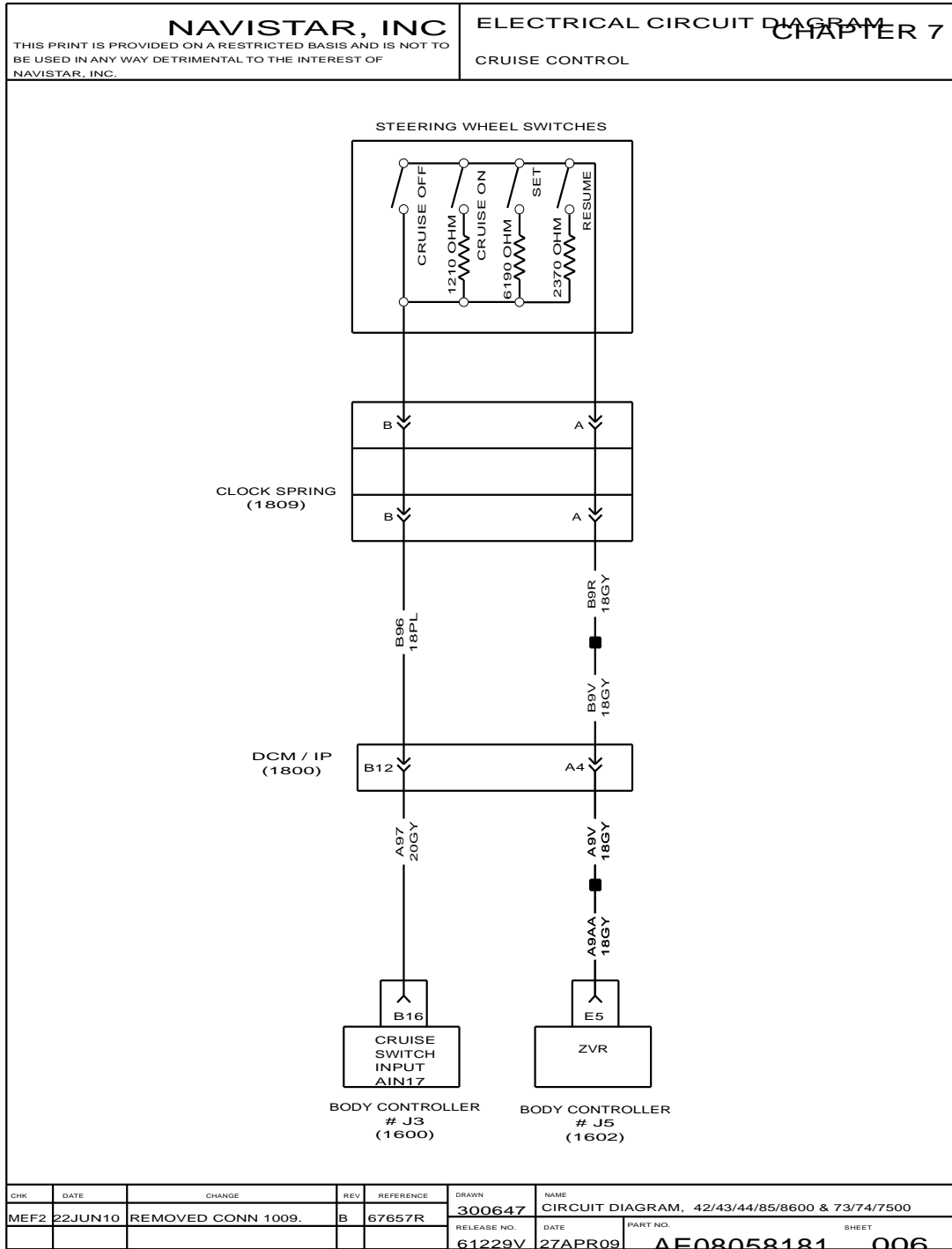


Figure 237 Cruise Control

7.8. ELECTRONIC ENGINE CONTROLS, IBB ENGINES, P. 7

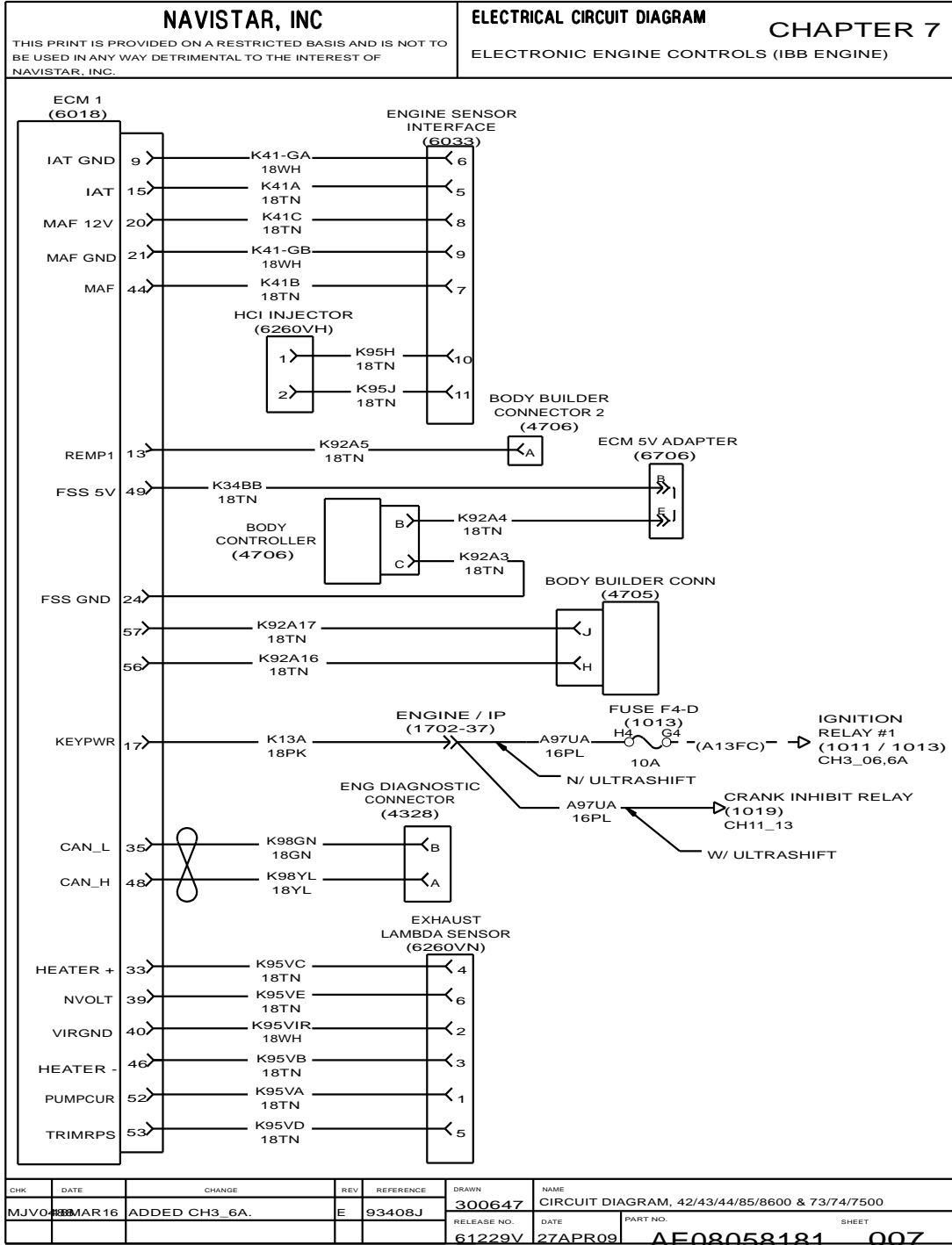


Figure 238 Electronic Engine Controls, IBB Engines

7.9. ELECTRONIC ENGINE CONTROLS, IBB ENGINES (CONT.), P. 8

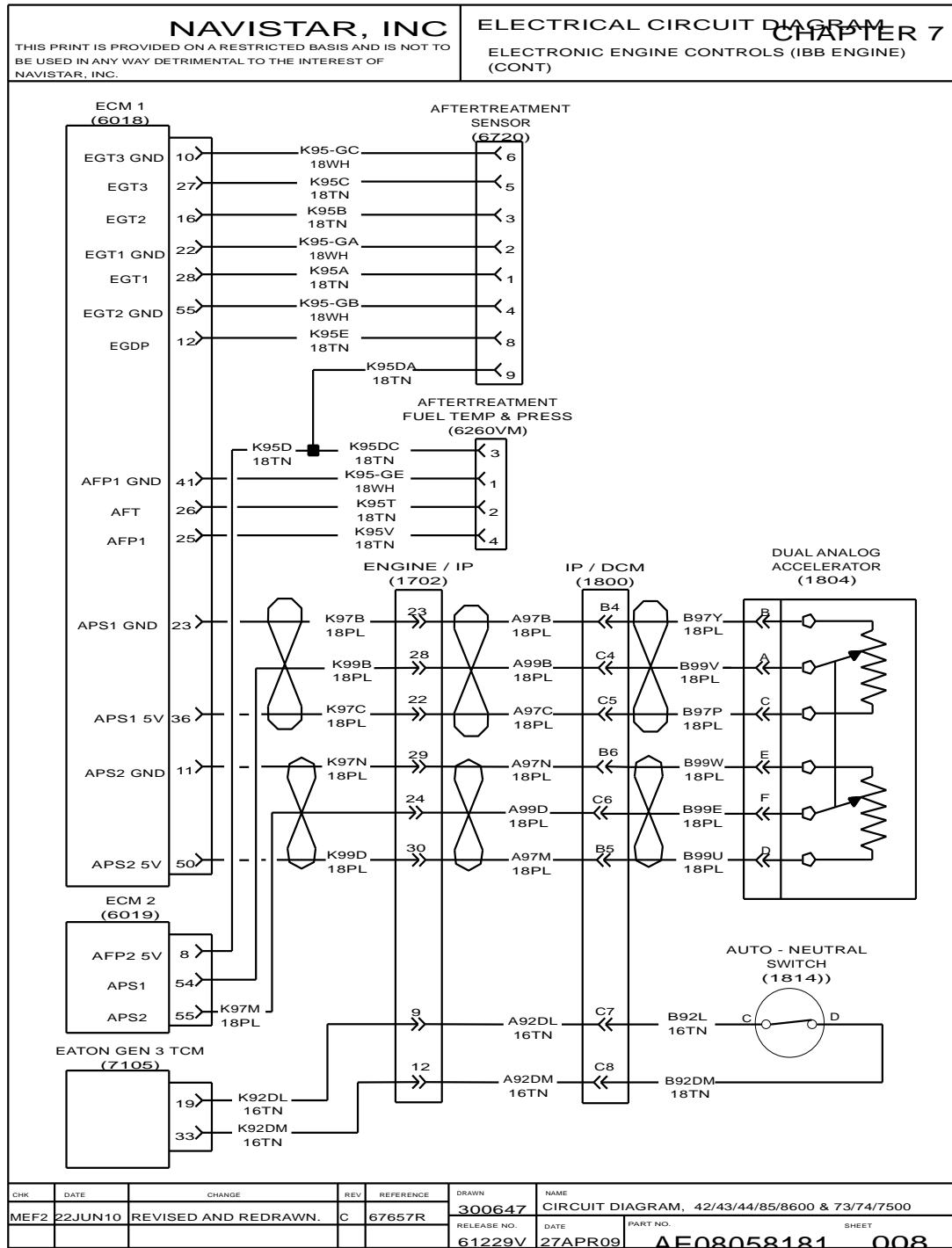
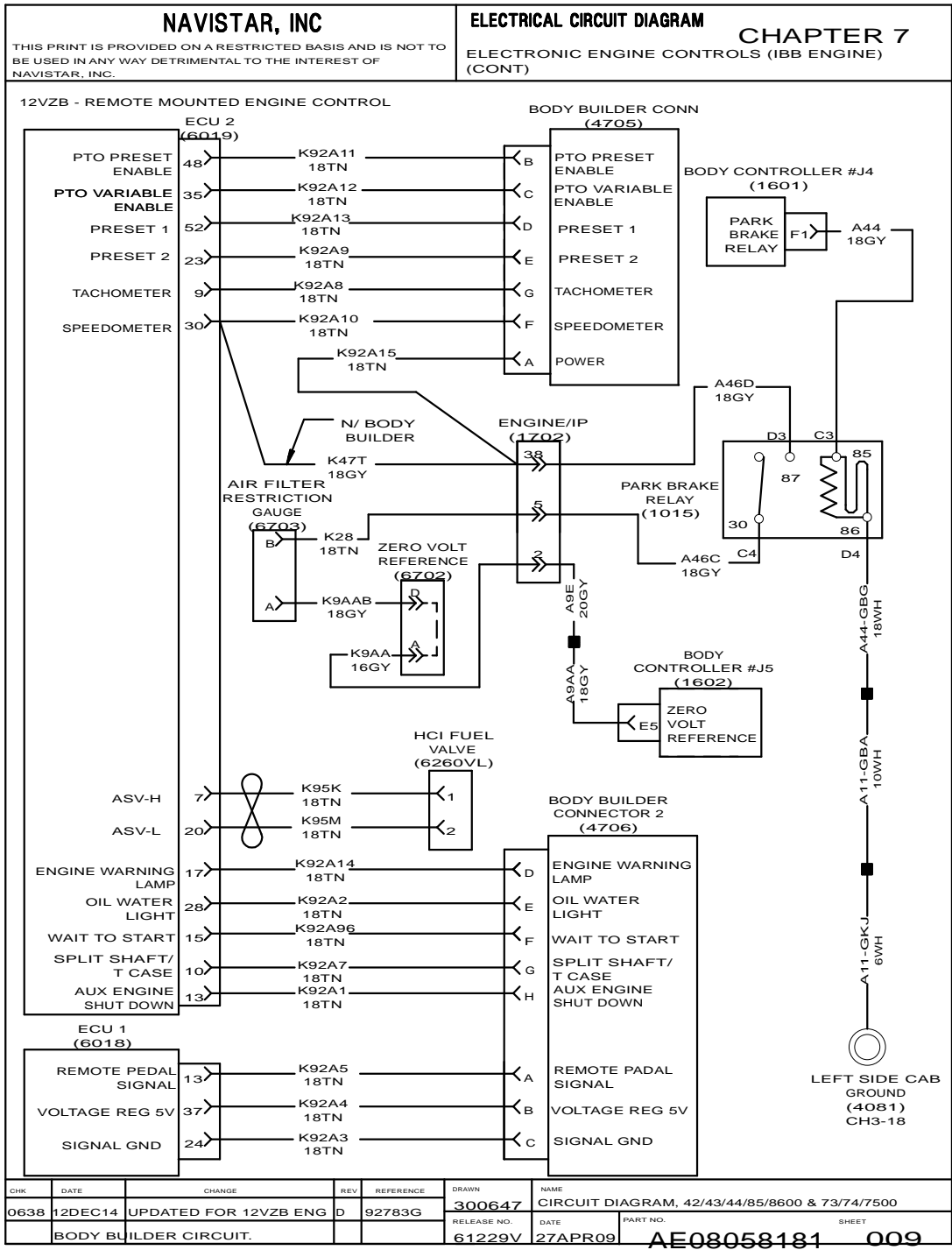


Figure 239 Electronic Engine Controls, IBB Engines (Cont.)

7.10. ELECTRONIC ENGINE CONTROLS, IBB ENGINES (CONT.), P. 9



CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
0638	12DEC14	UPDATED FOR 12VZB ENG	D	92783G	300647	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
		BODY BUILDER CIRCUIT.			RELEASE NO. 61229V	DATE 27APR09	
						PART NO. AE08058181	SHEET 009

Figure 240 Electronic Engine Controls, IBB Engines (Cont.)

7.11. ELECTRONIC ENGINE CONTROLS, IBB ENGINES (CONT.), P. 10

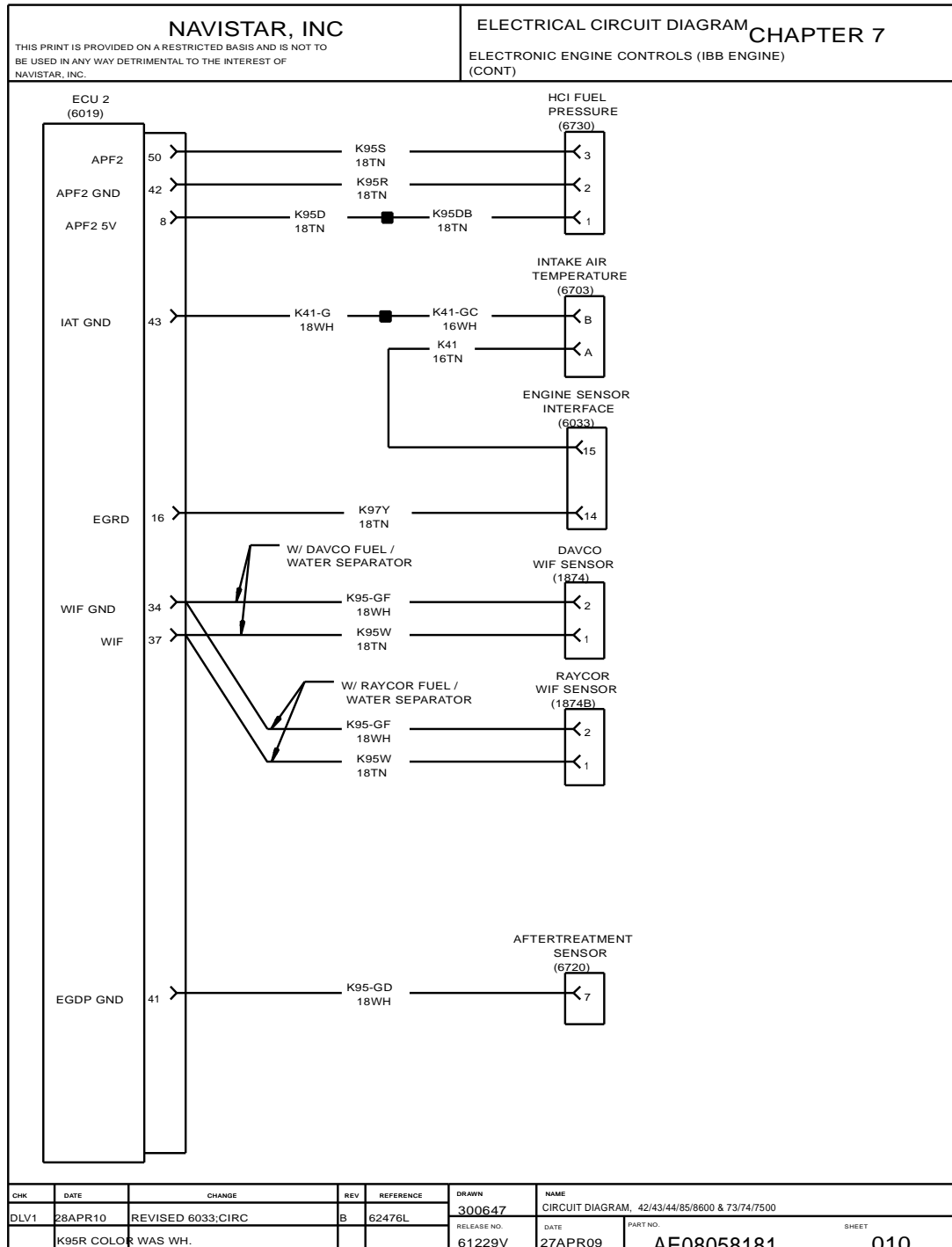


Figure 241 Electronic Engine Controls, IBB Engines (Cont.)

7.12. ELECTRONIC ENGINE CONTROLS, IBB ENGINES (CONT.), P. 11

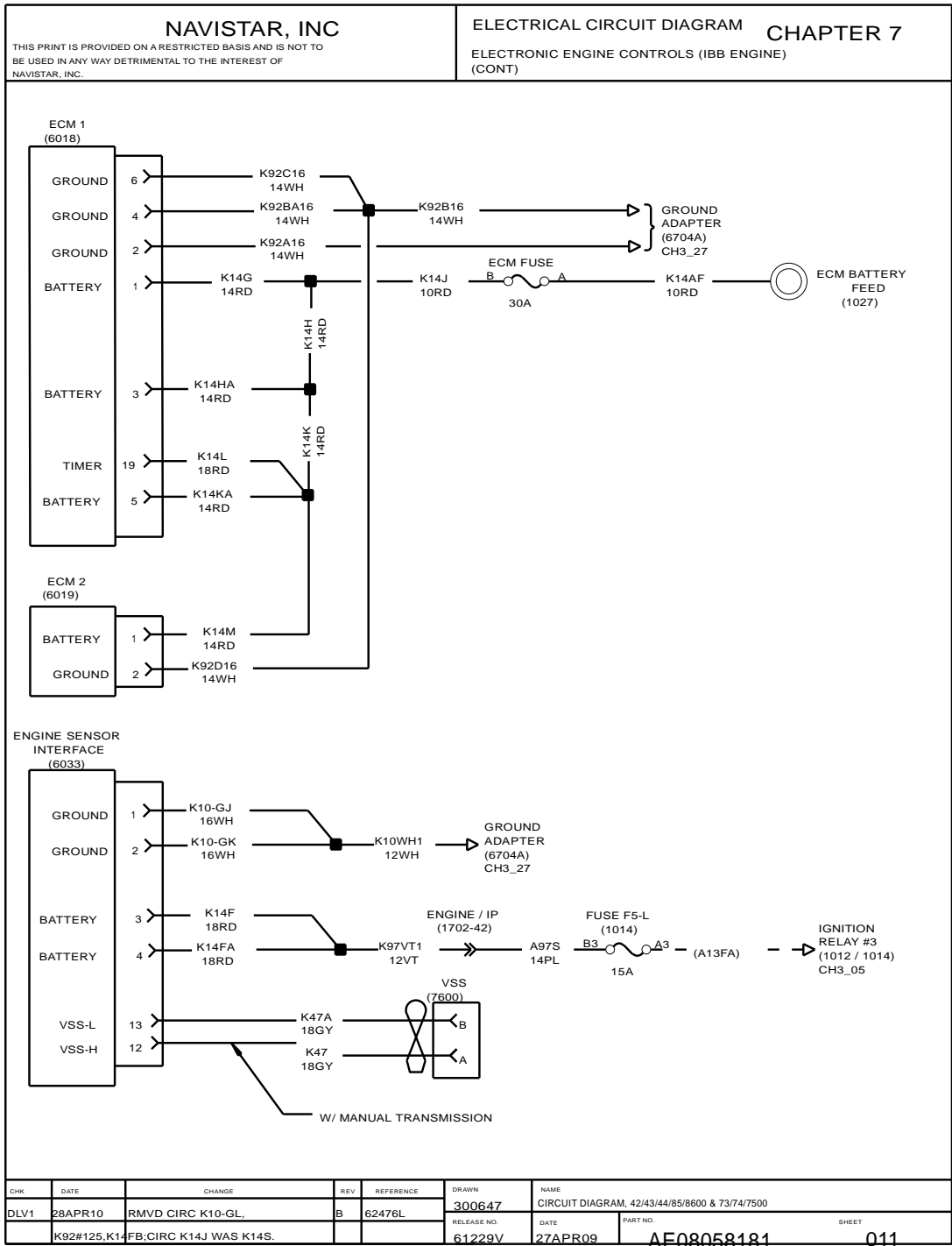


Figure 242 Electronic Engine Controls, IBB Engines (Cont.)

7.13. ELECTRONIC ENGINE CONTROLS, V8 ENGINES, P. 12

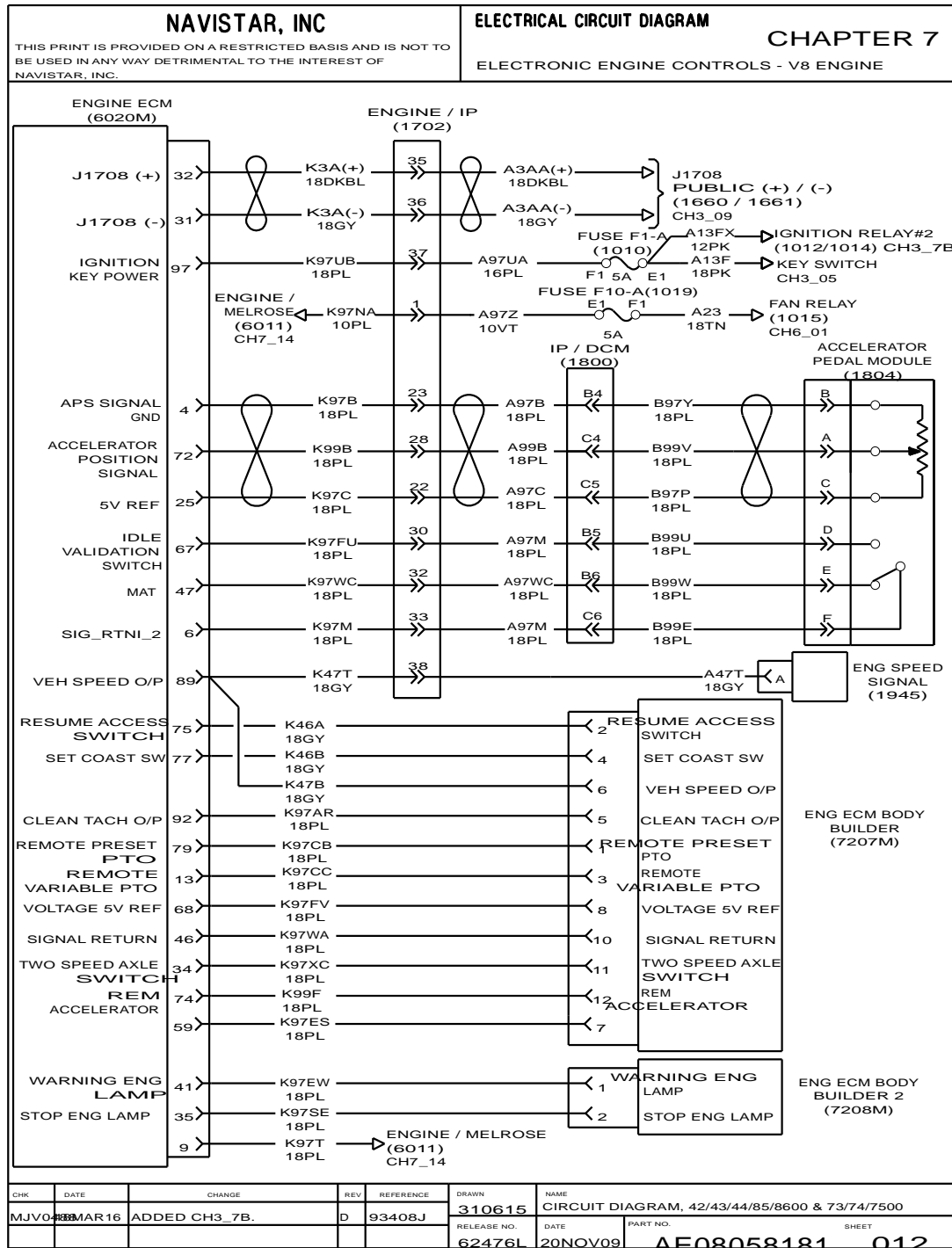


Figure 243 Electronic Engine Controls, V8 Engines

7.14. ELECTRONIC ENGINE CONTROLS, V8 ENGINES (CONT.), P. 13

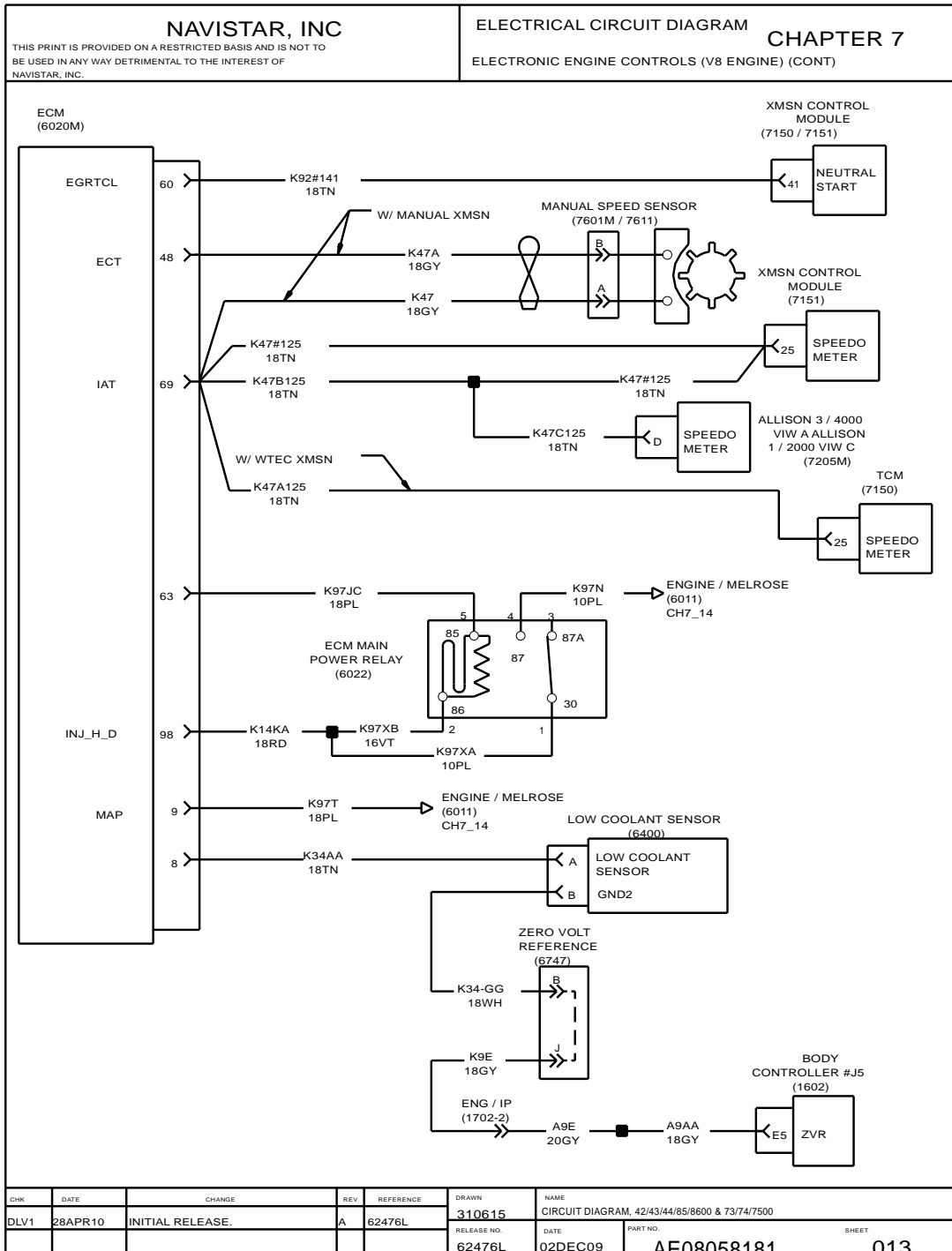


Figure 244 Electronic Engine Controls, V8 Engines (Cont.)

7.15. ELECTRONIC ENGINE CONTROLS, V8 ENGINES (CONT.), P. 14

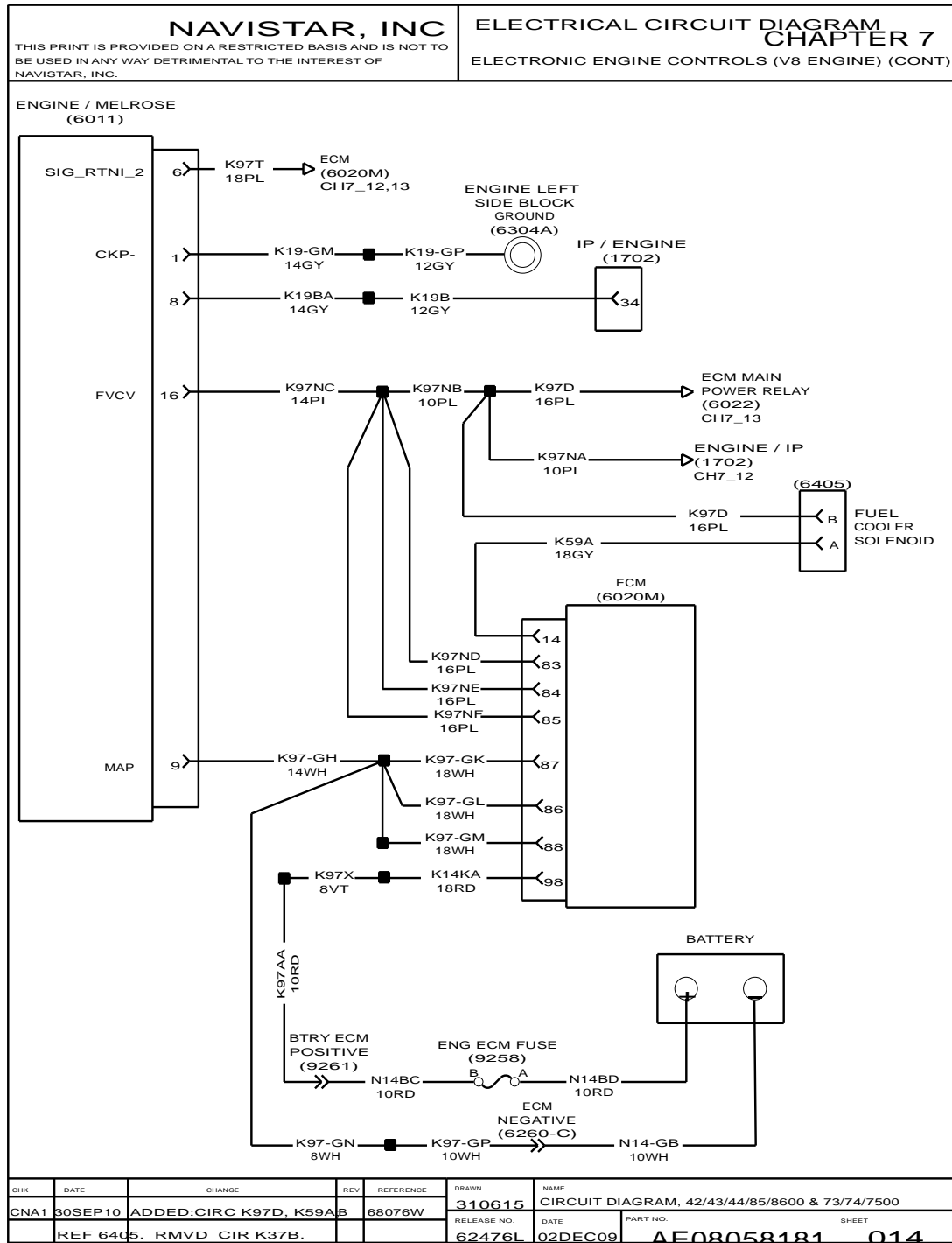


Figure 245 Electronic Engine Controls, V8 Engines (Cont.)

7.16. ELECTRONIC ENGINE CONTROLS, V8 ENGINES (CONT.), P. 15

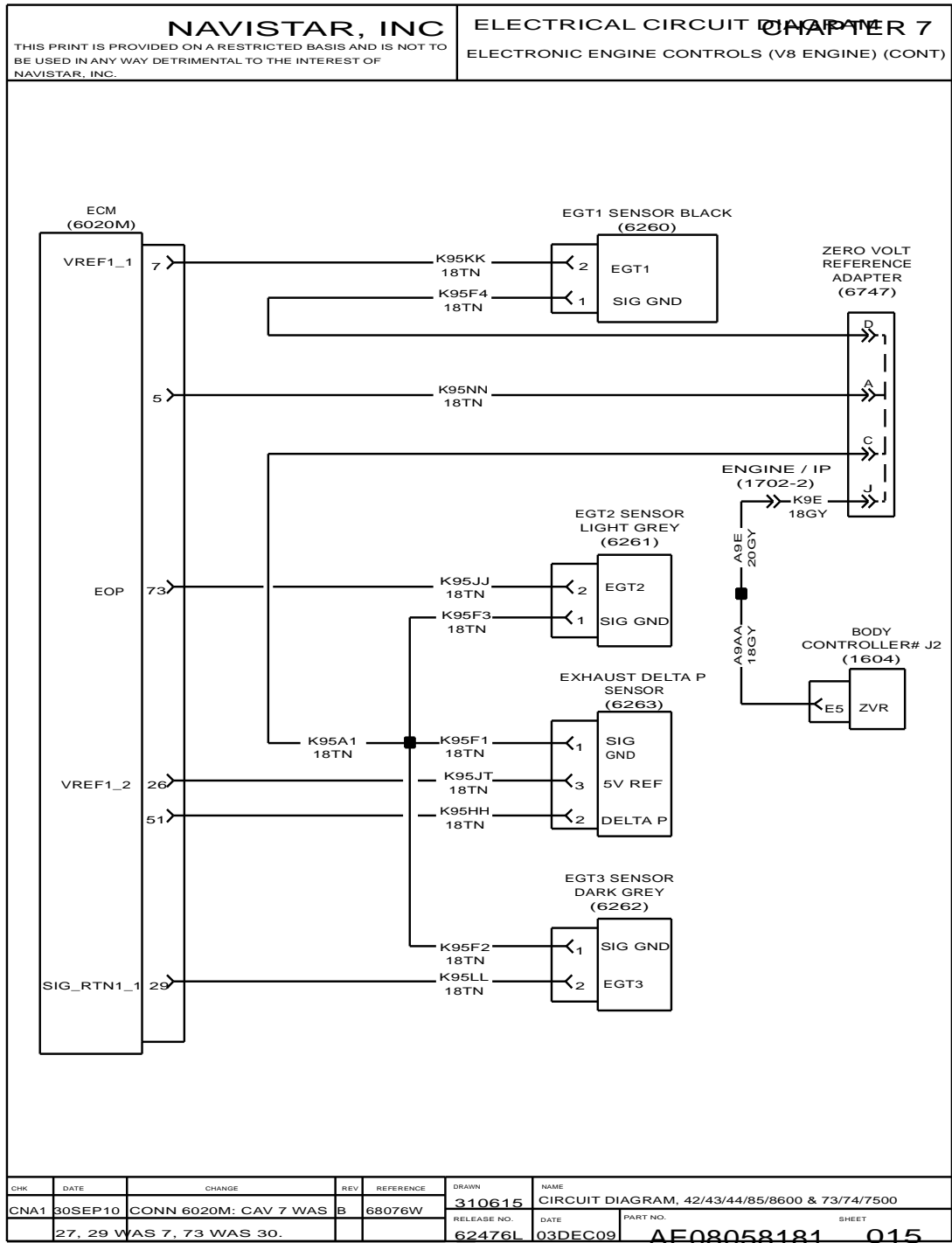


Figure 246 Electronic Engine Controls, V8 Engines (Cont.)

7.17. ENGINE ECM POWER – V8 ENGINE, P. 16

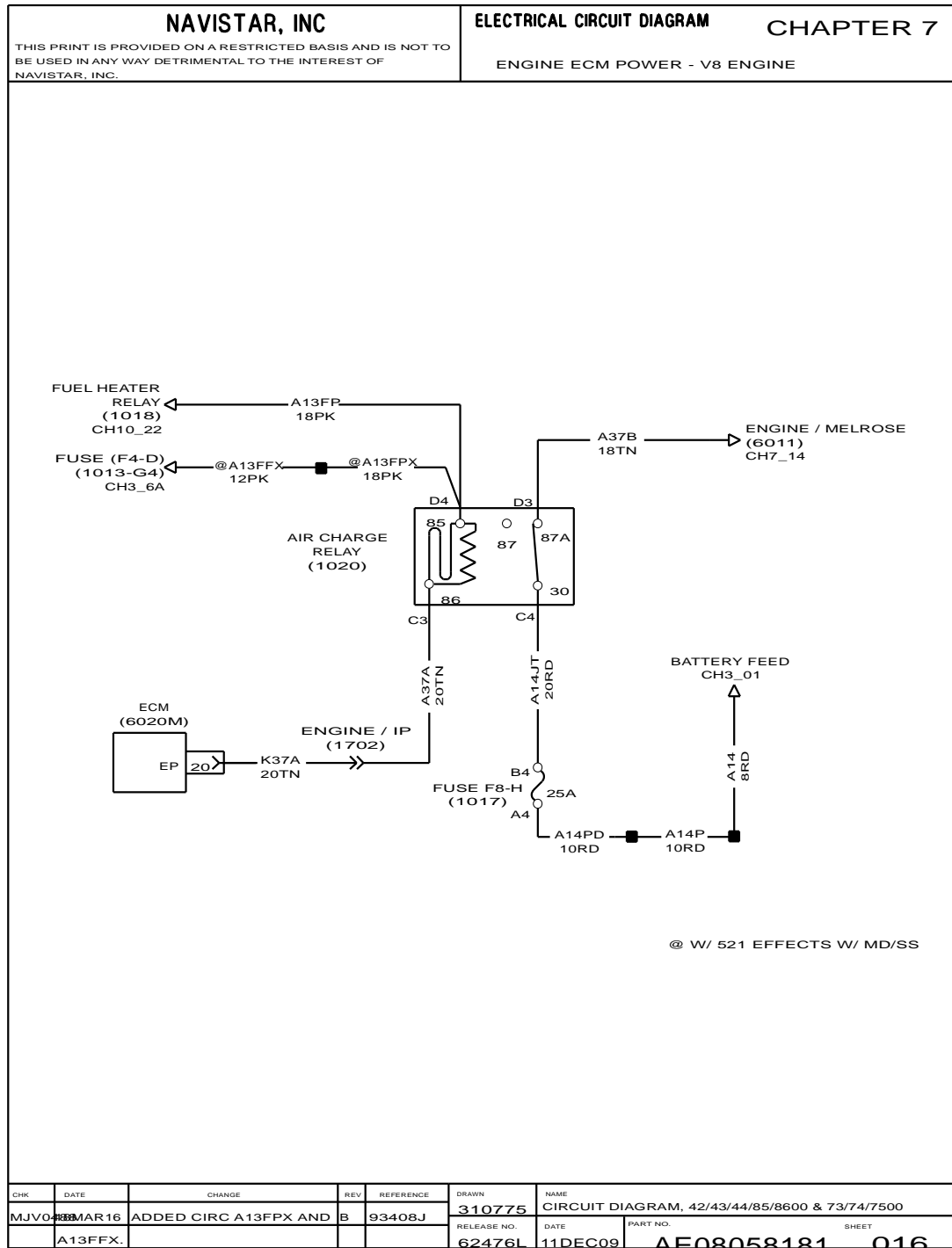


Figure 247 Engine ECM Power – V8 Engine

7.18. ELECTRONIC ENGINE CONTROLS I6 ENGINE, P. 17

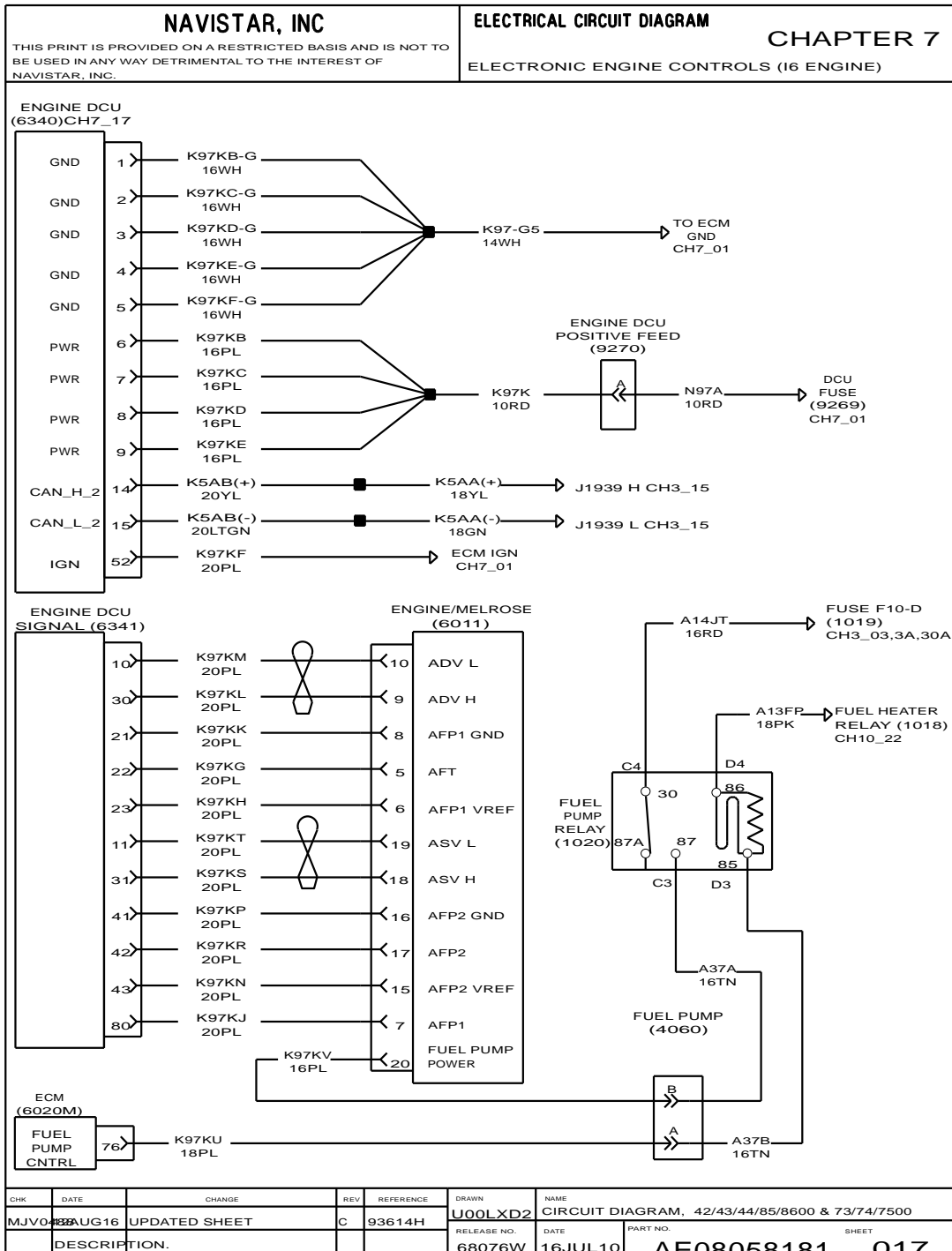


Figure 248 Electronic Engine Controls I6 Engine

7.19. ELECTRONIC ENGINE CONTROLS I6 ENGINE WITH EXHAUST BRAKE, P. 18

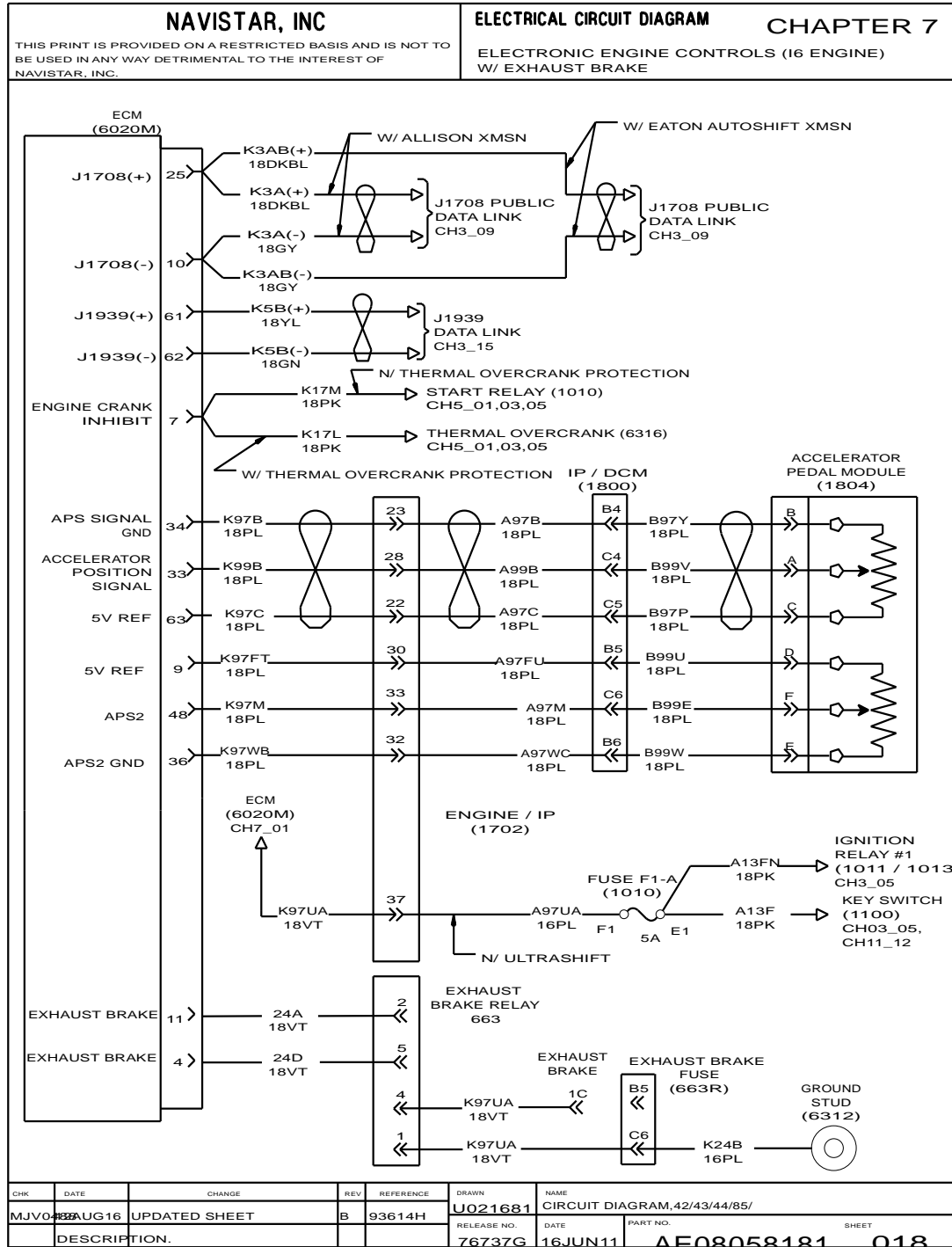


Figure 249 Electronic Engine Controls I6 Engine with Exhaust Brake

7.20. ELECTRONIC ENGINE CONTROLS I6 ENGINE WITH WATER IN FUEL (WIF), P. 19

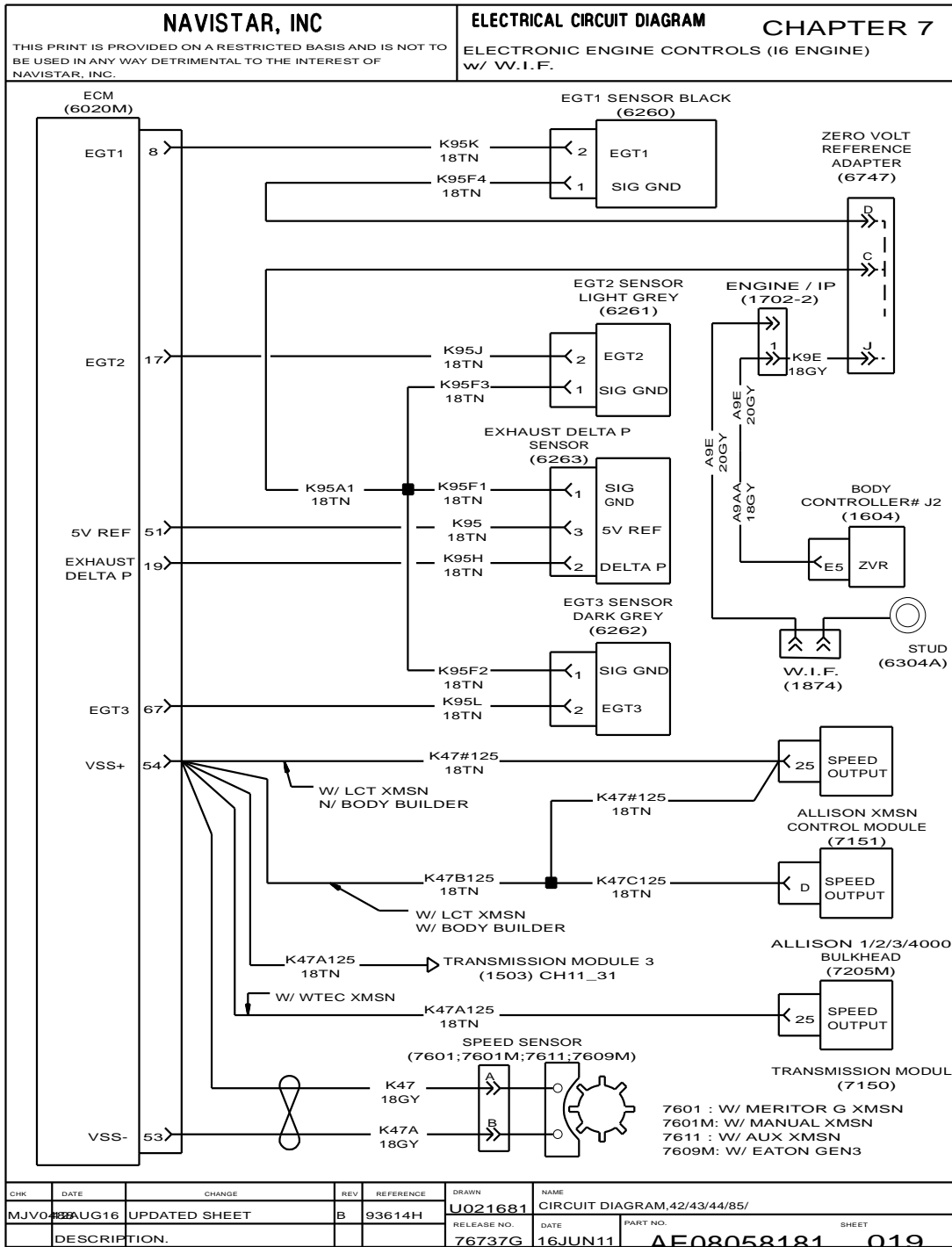


Figure 250 Electronic Engine Controls I6 Engine with Water in Fuel (WIF)

7.21. ELECTRONIC ENGINE CONTROLS – I6 ENGINE WITH SCR SYSTEM, P. 20

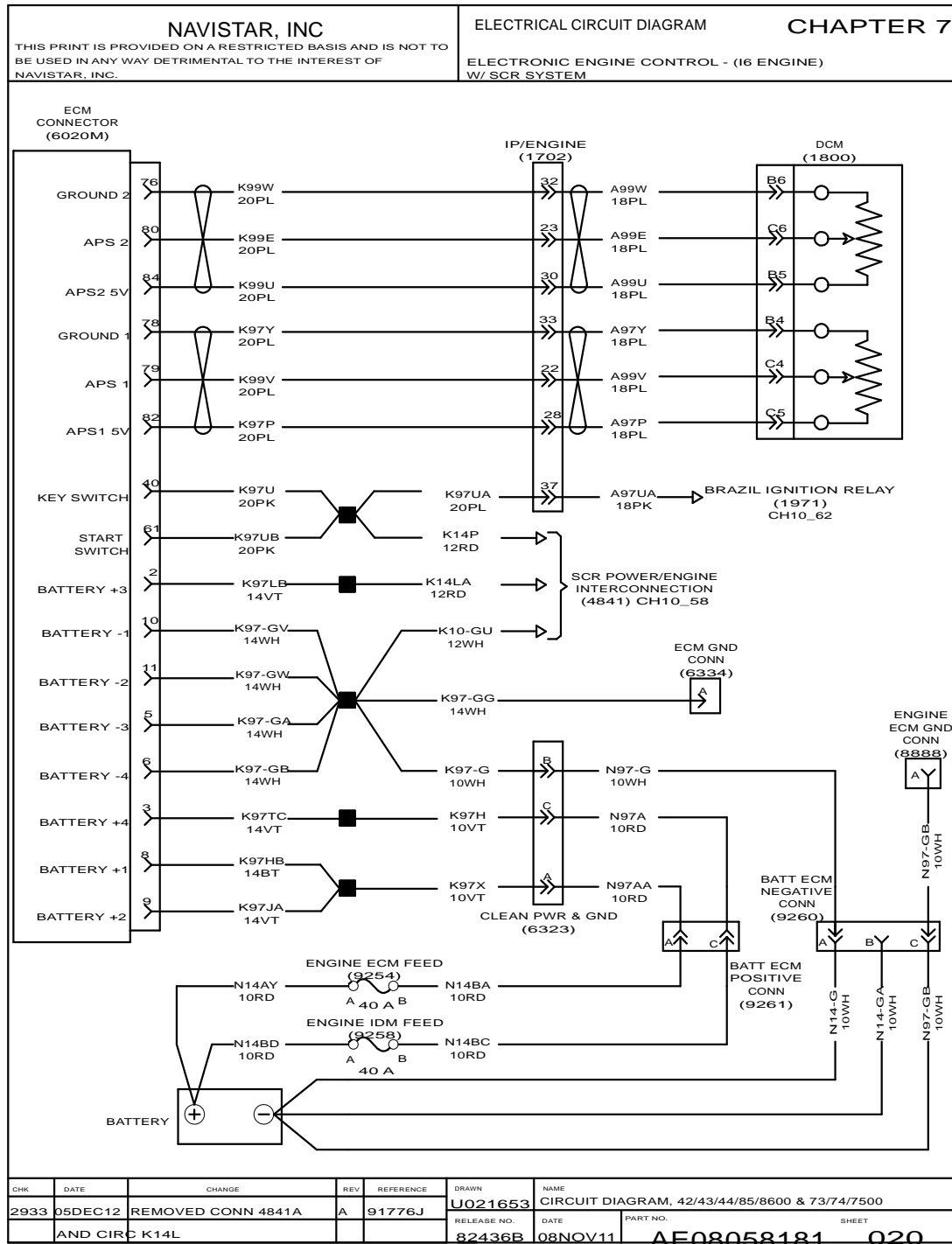


Figure 251 Electronic Engine Controls – I6 Engine with SCR System

7.22. ELECTRONIC ENGINE CONTROLS – I6 ENGINE WITH SCR SYSTEM (CONT.), P. 21

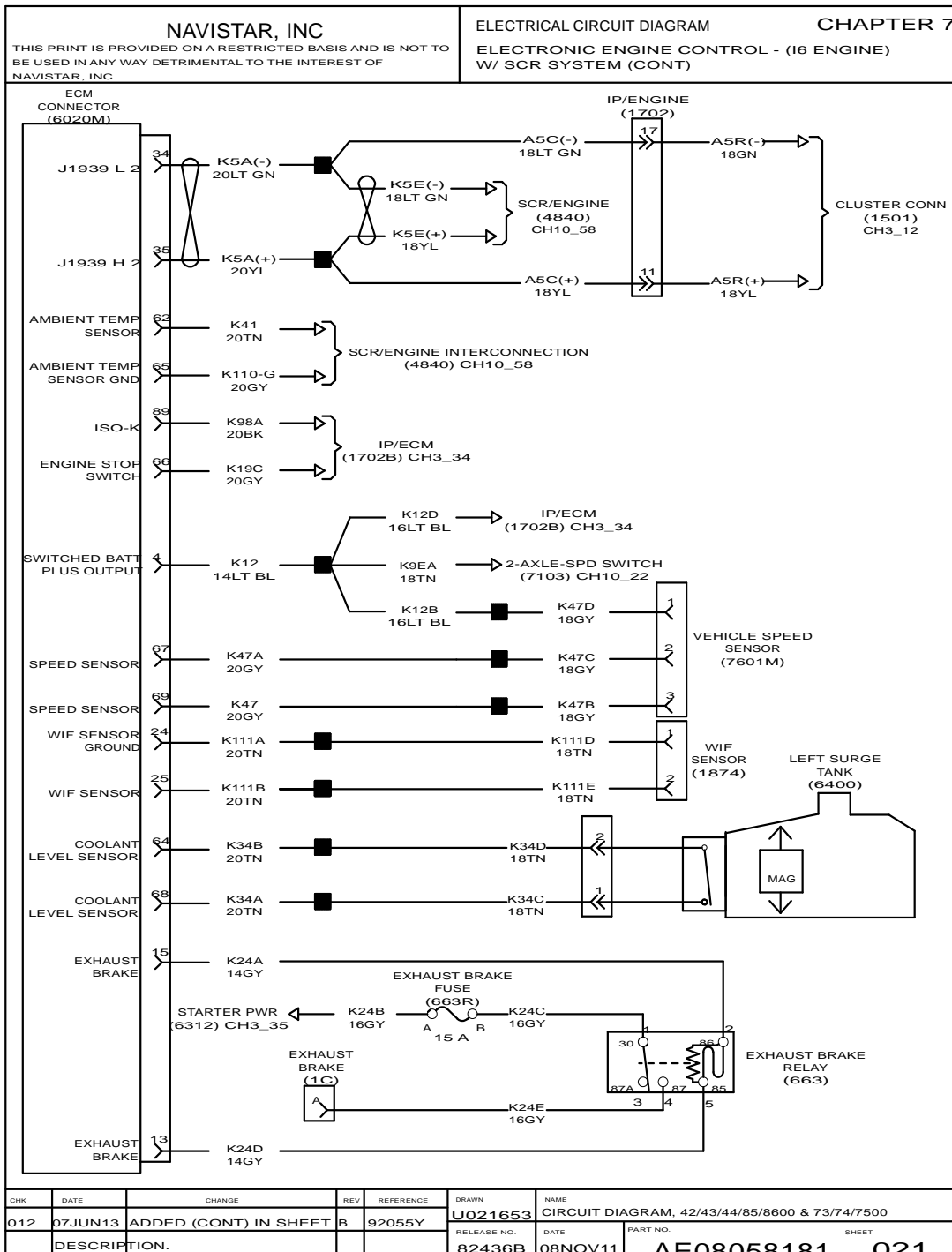


Figure 252 Electronic Engine Controls – I6 Engine with SCR System (Cont.)

7.23. ELECTRONIC ENGINE CONTROLS – I6 ENGINE WITH SCR SYSTEM (CONT.), P. 22

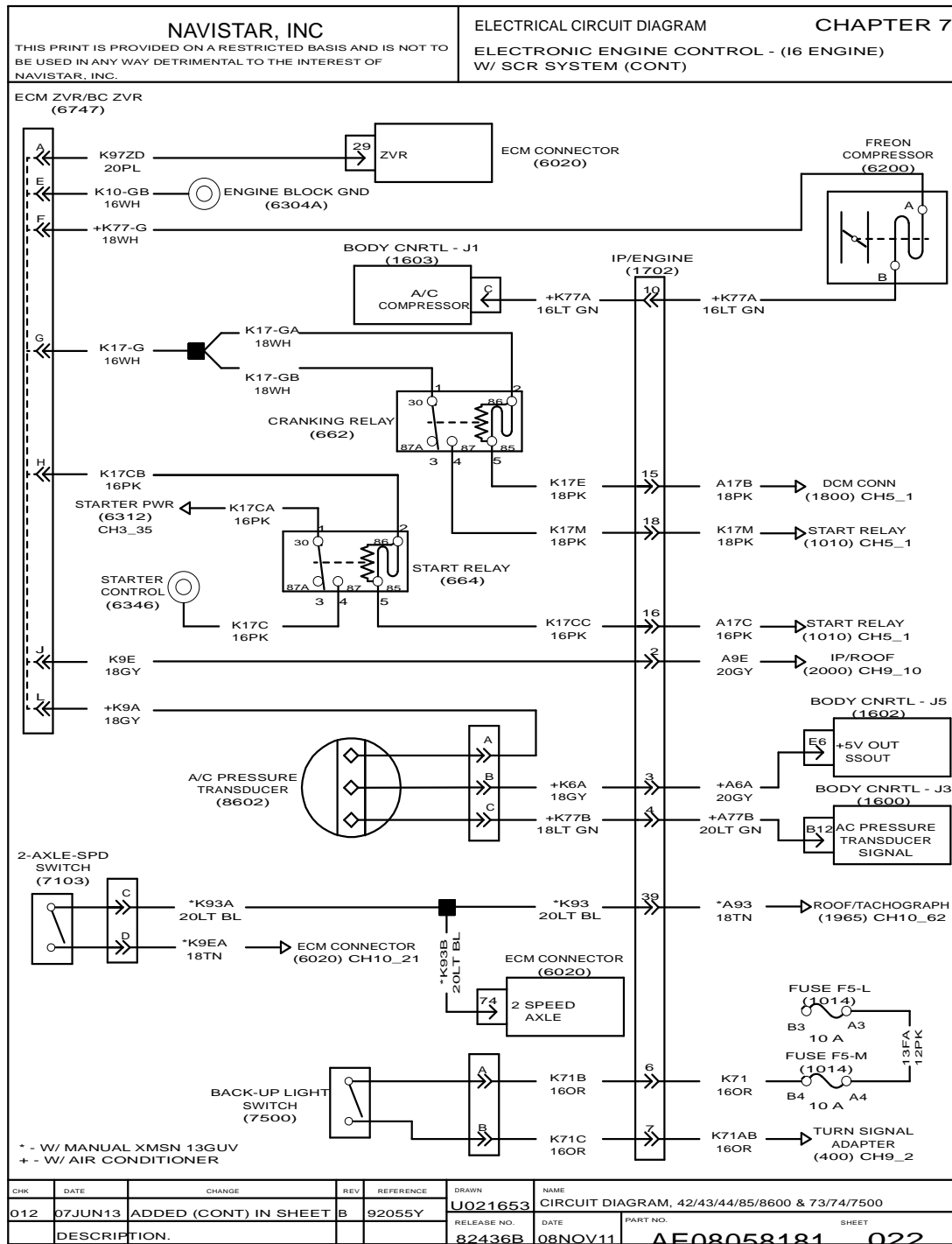


Figure 253 Electronic Engine Controls – I6 Engine with SCR System (Cont.)

7.24. ELECTRONIC ENGINE CONTROLS (ISL- G ENGINE), P. 23

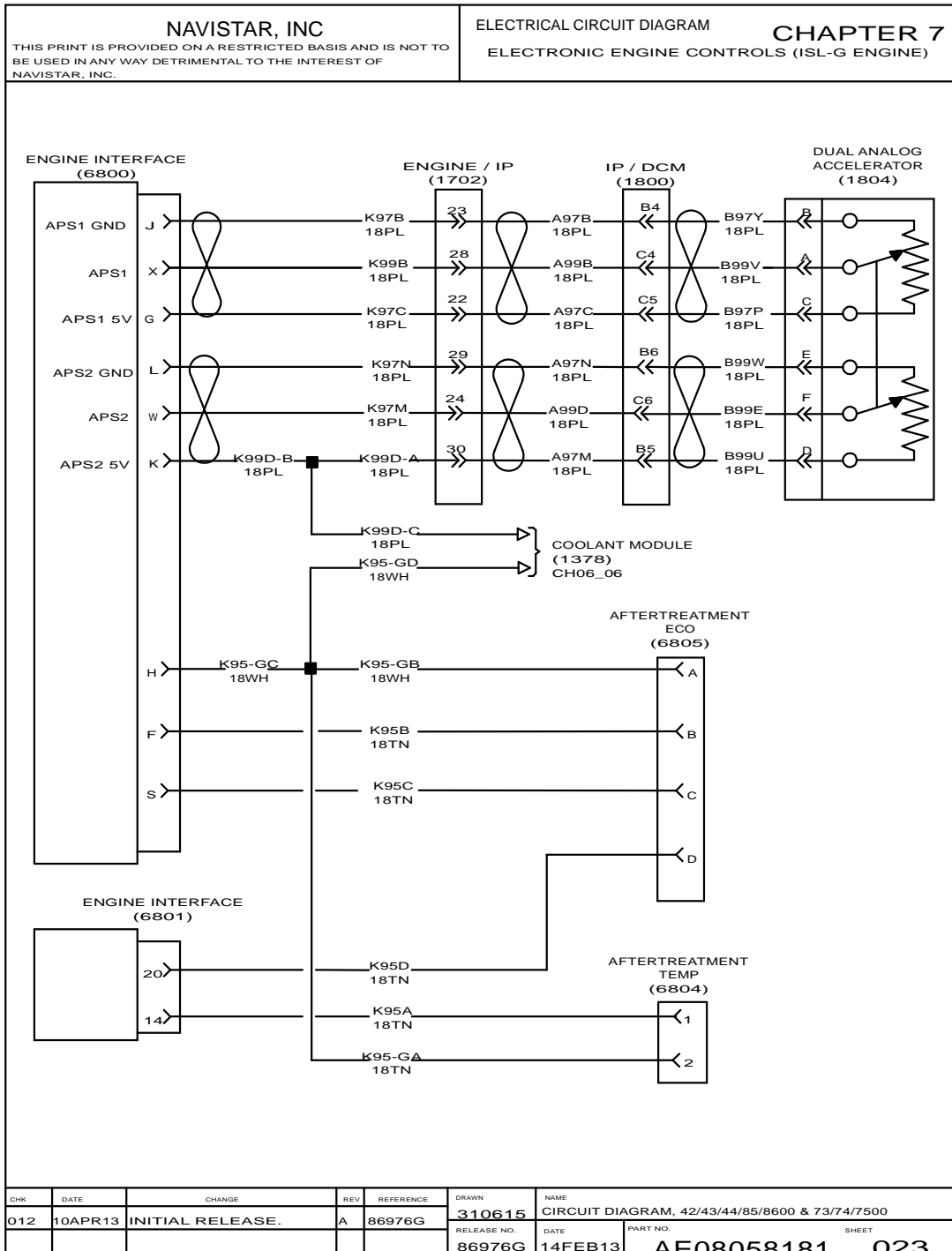


Figure 254 Electronic Engine Controls (ISL- G Engine)

7.25. ELECTRONIC ENGINE CONTROLS (ISL – G ENGINE) (CONT.), P. 24

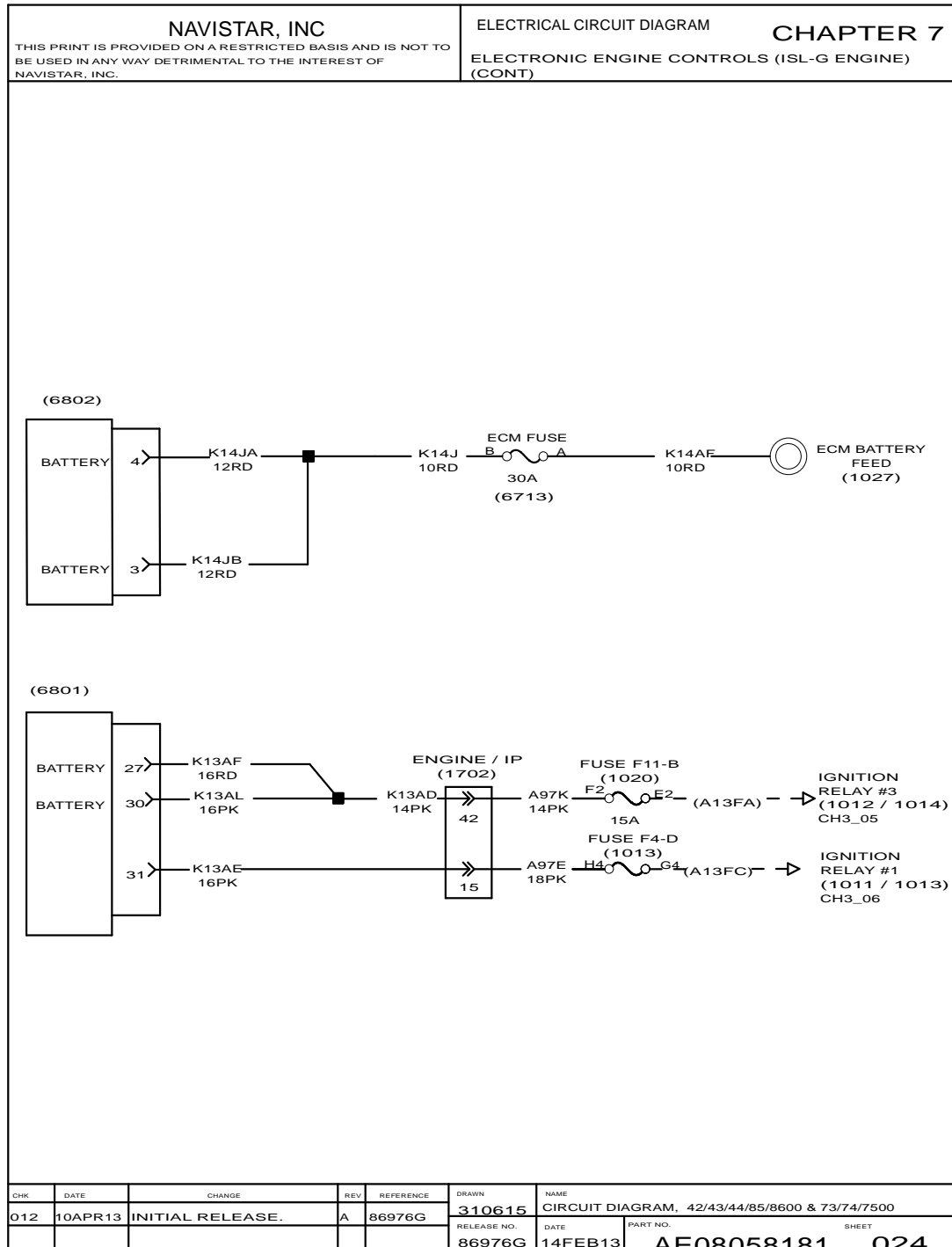


Figure 255 Electronic Engine Controls (ISL – G Engine) (Cont.)

7.26. ELECTRONIC ENGINE CONTROL (2010 SCR 13L ENGINE), P. 25

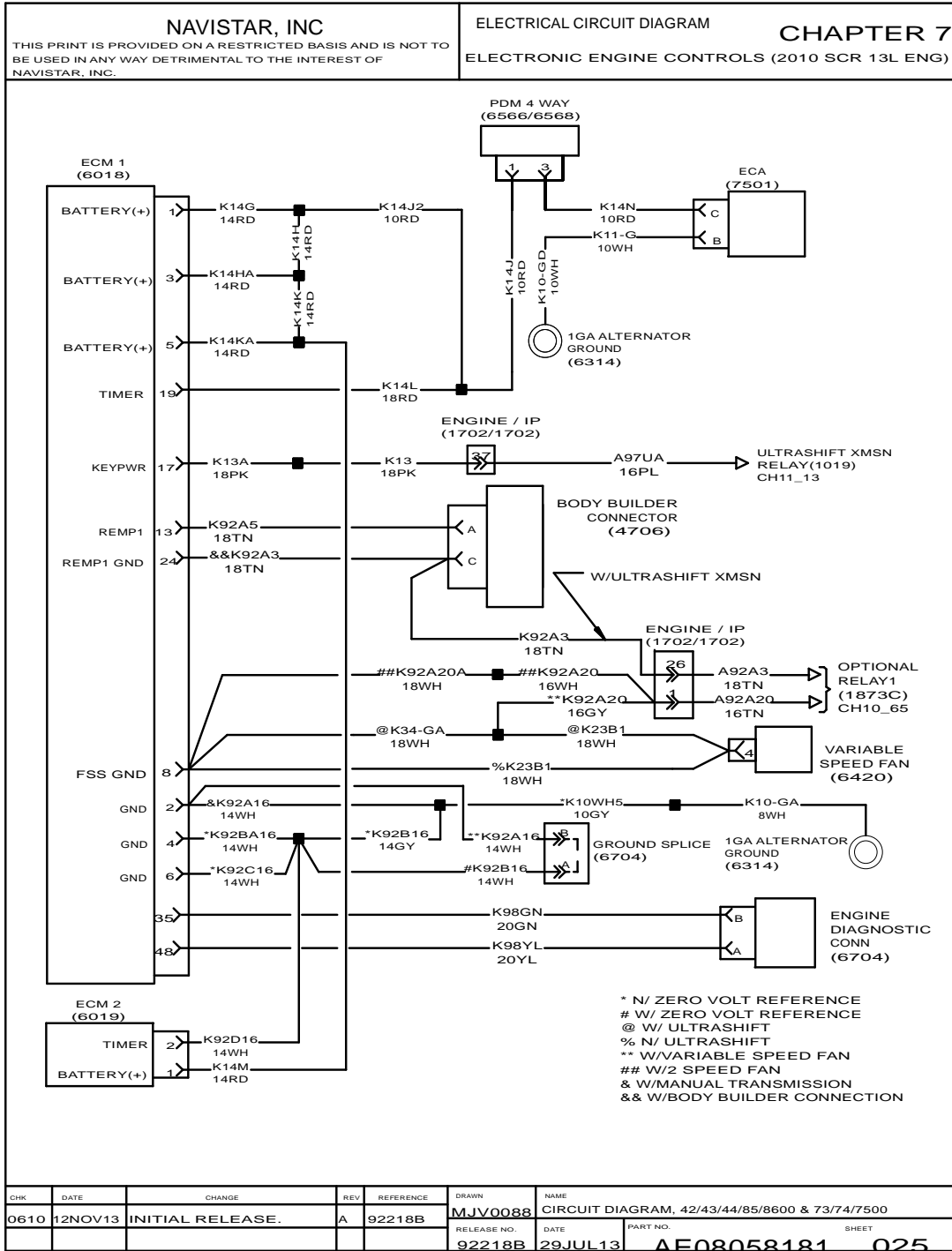


Figure 256 Electronic Engine Control (2010 SCR 13L Engine)

7.27. ELECTRONIC ENGINE CONTROL (2010 SCR 13L ENGINE) (CONT.), P. 26

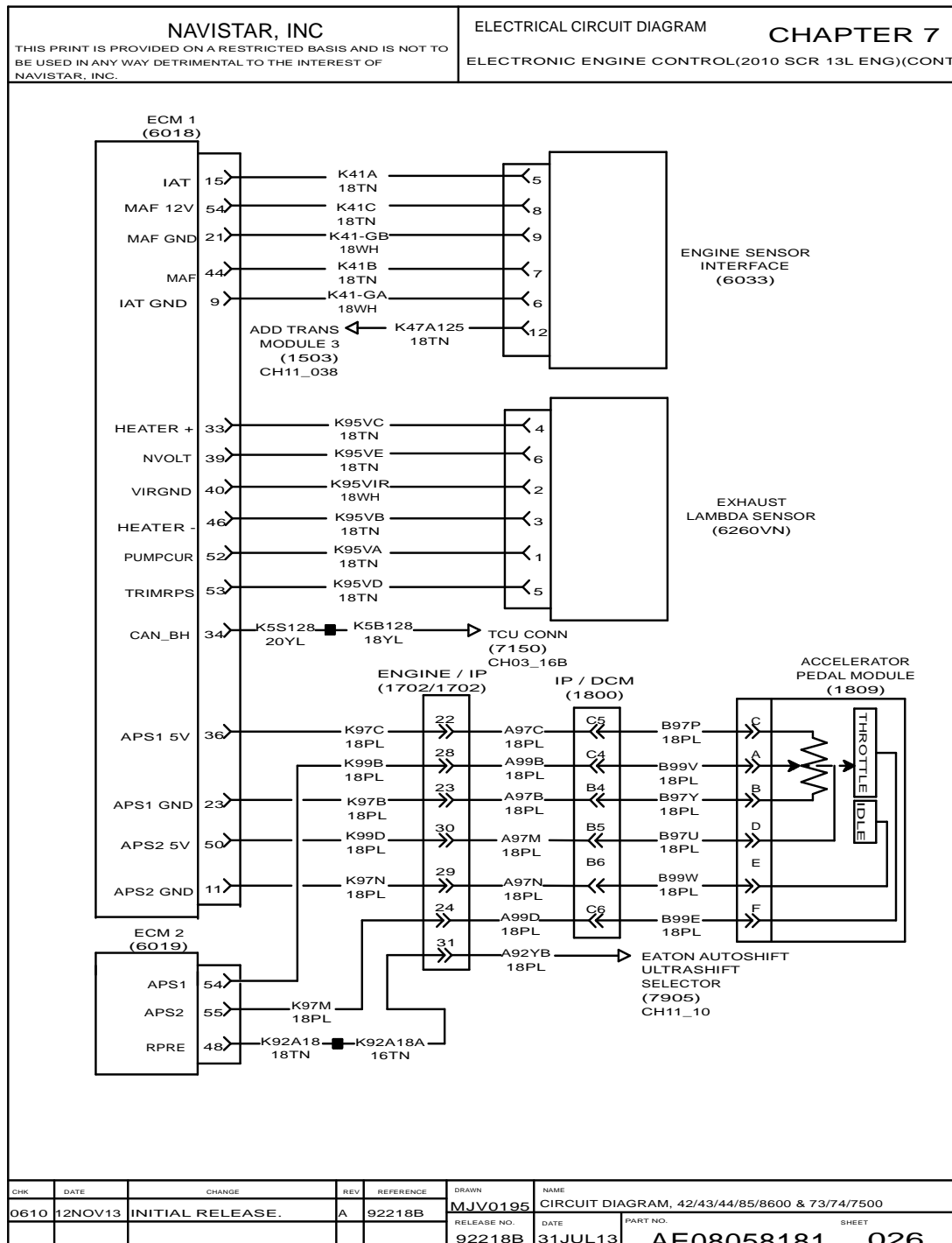


Figure 257 Electronic Engine Control (2010 SCR 13L Engine) (Cont.)

7.28. ELECTRONIC ENGINE CONTROL (2010 SCR 13L ENGINE) (CONT.), P. 27

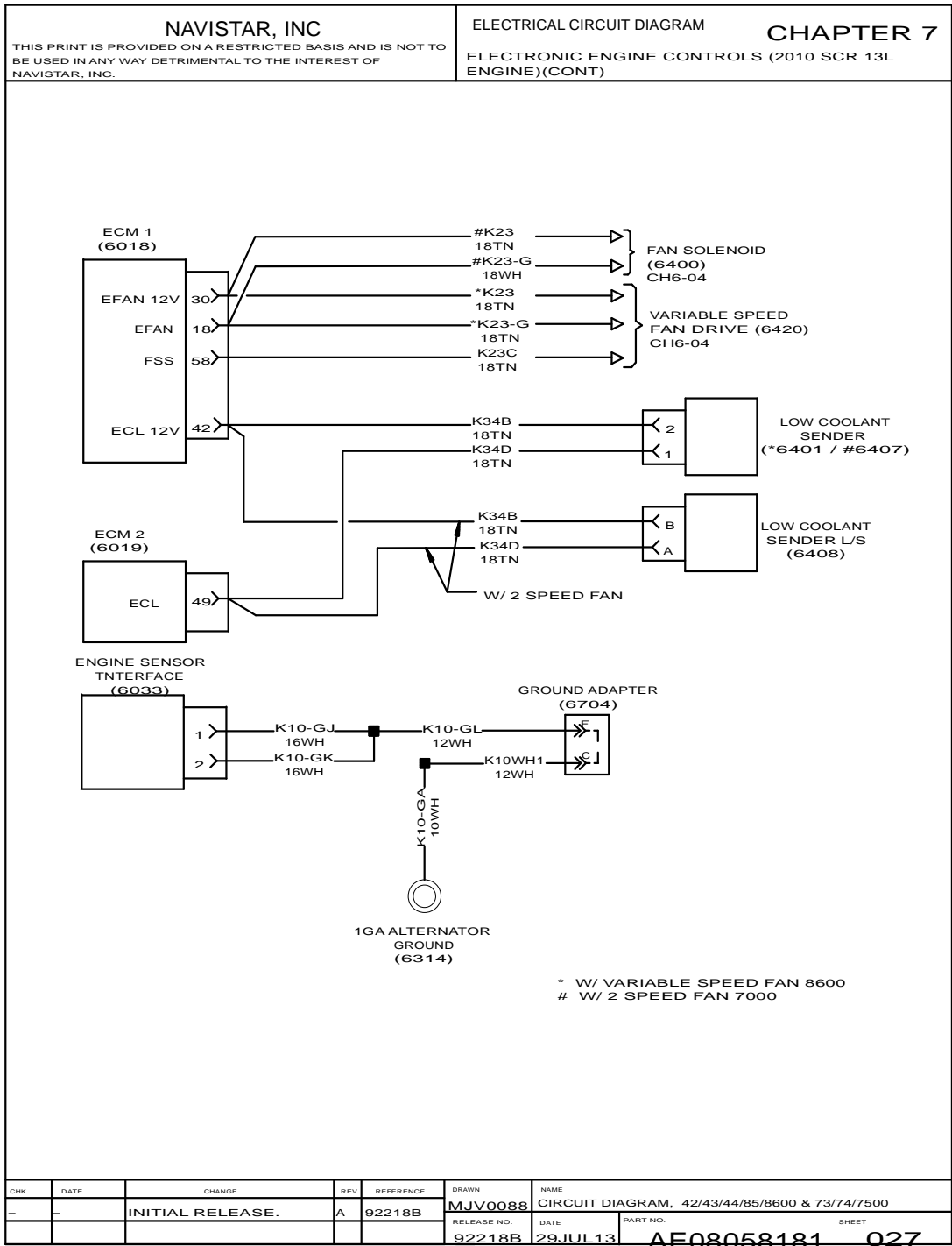


Figure 258 Electronic Engine Control (2010 SCR 13L Engine) (Cont.)

7.29. ELECTRONIC ENGINE CONTROL (2010 SCR 13L ENGINE) (CONT.), P. 28

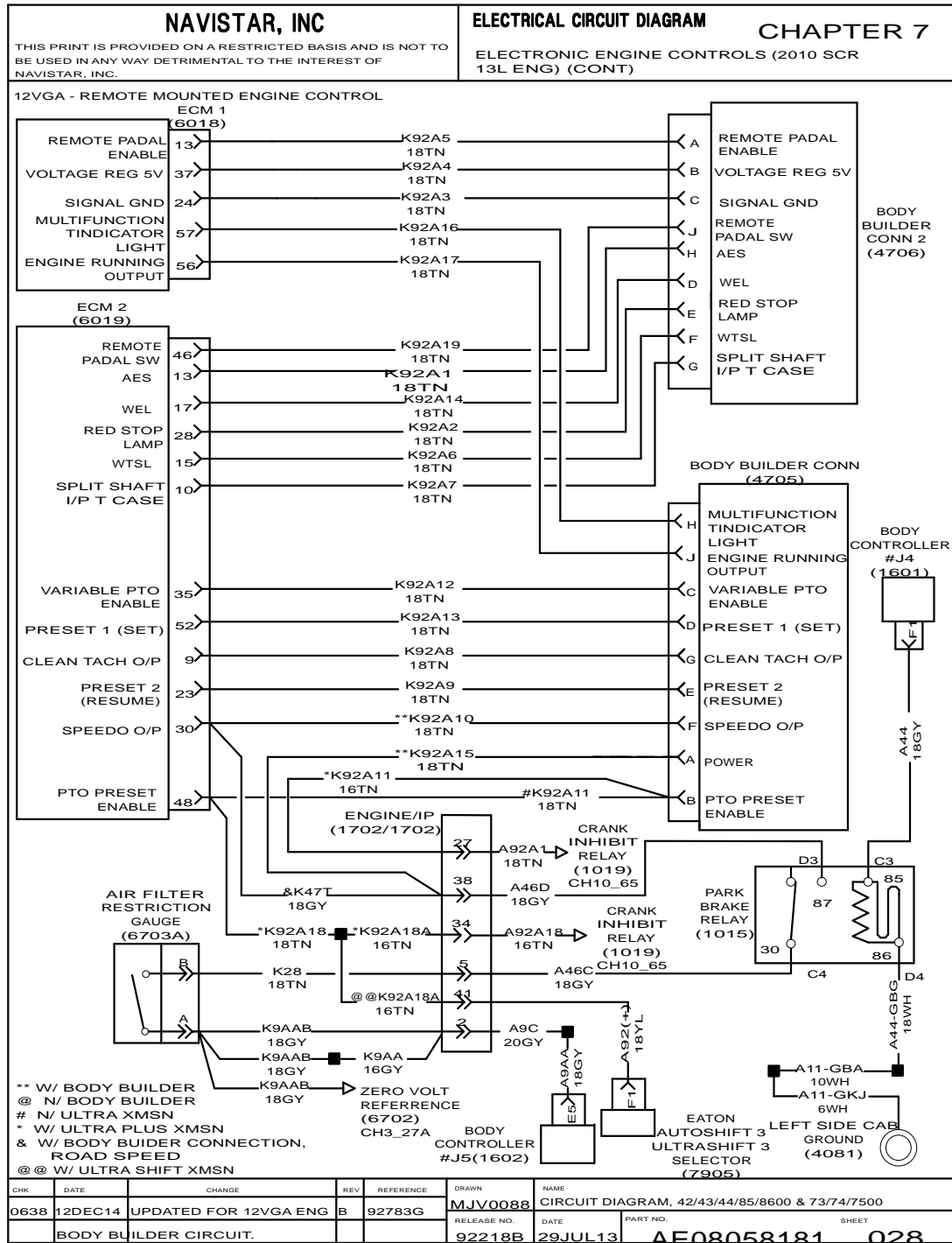


Figure 259 Electronic Engine Control (2010 SCR 13L Engine) (Cont.)

7.30. ELECTRONIC ENGINE CONTROL (2010 SCR 13L ENGINE) (CONT.), P. 29

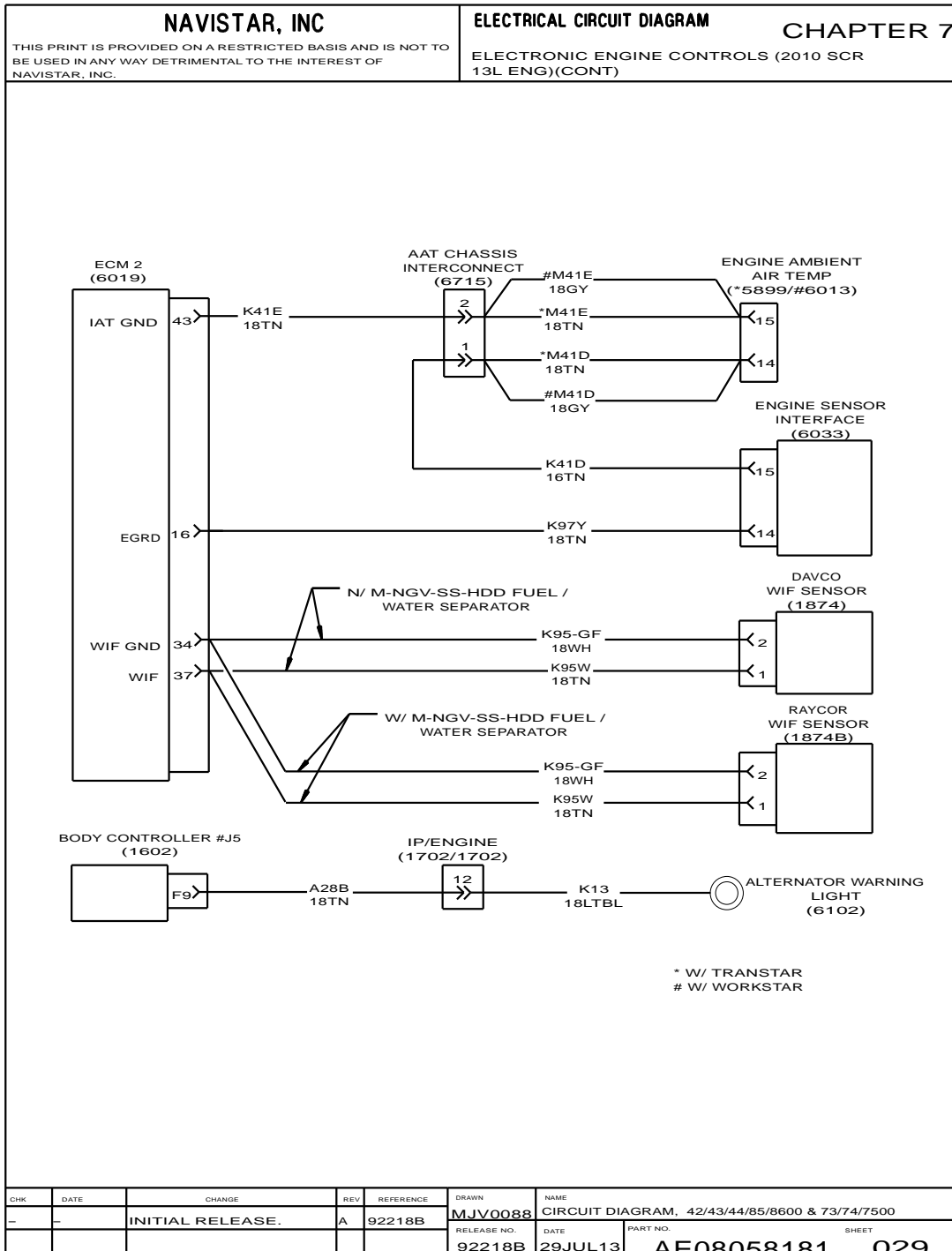


Figure 260 Electronic Engine Control (2010 SCR 13L Engine) (Cont.)

7.31. ELECTRONIC ENGINE CONTROL (2010 SCR 13L ENGINE) (CONT.), P. 30

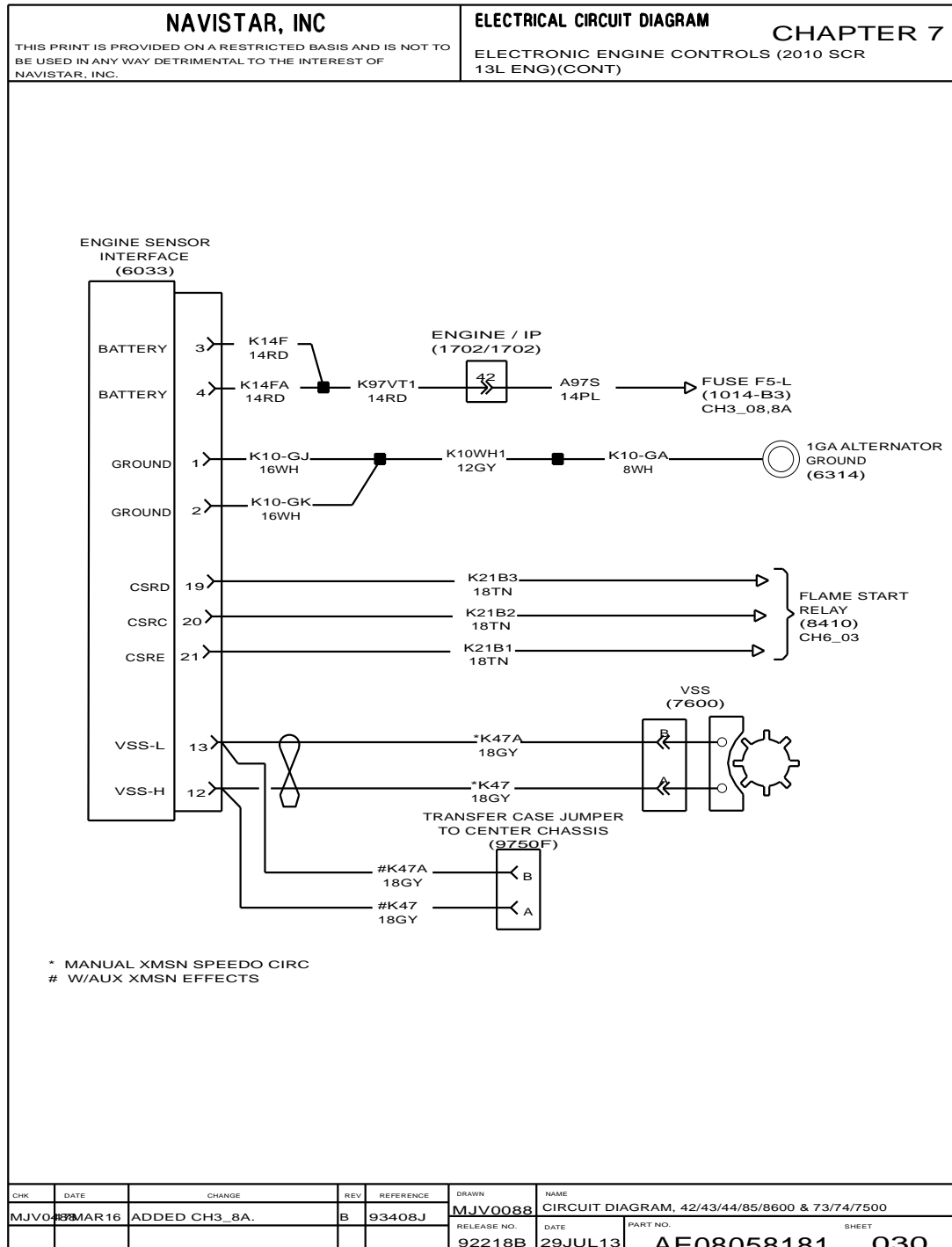


Figure 261 Electronic Engine Control (2010 SCR 13L Engine) (Cont.)

7.32. ENGINE ECM POWER (2010 SCR 13L ENGINE), P. 31

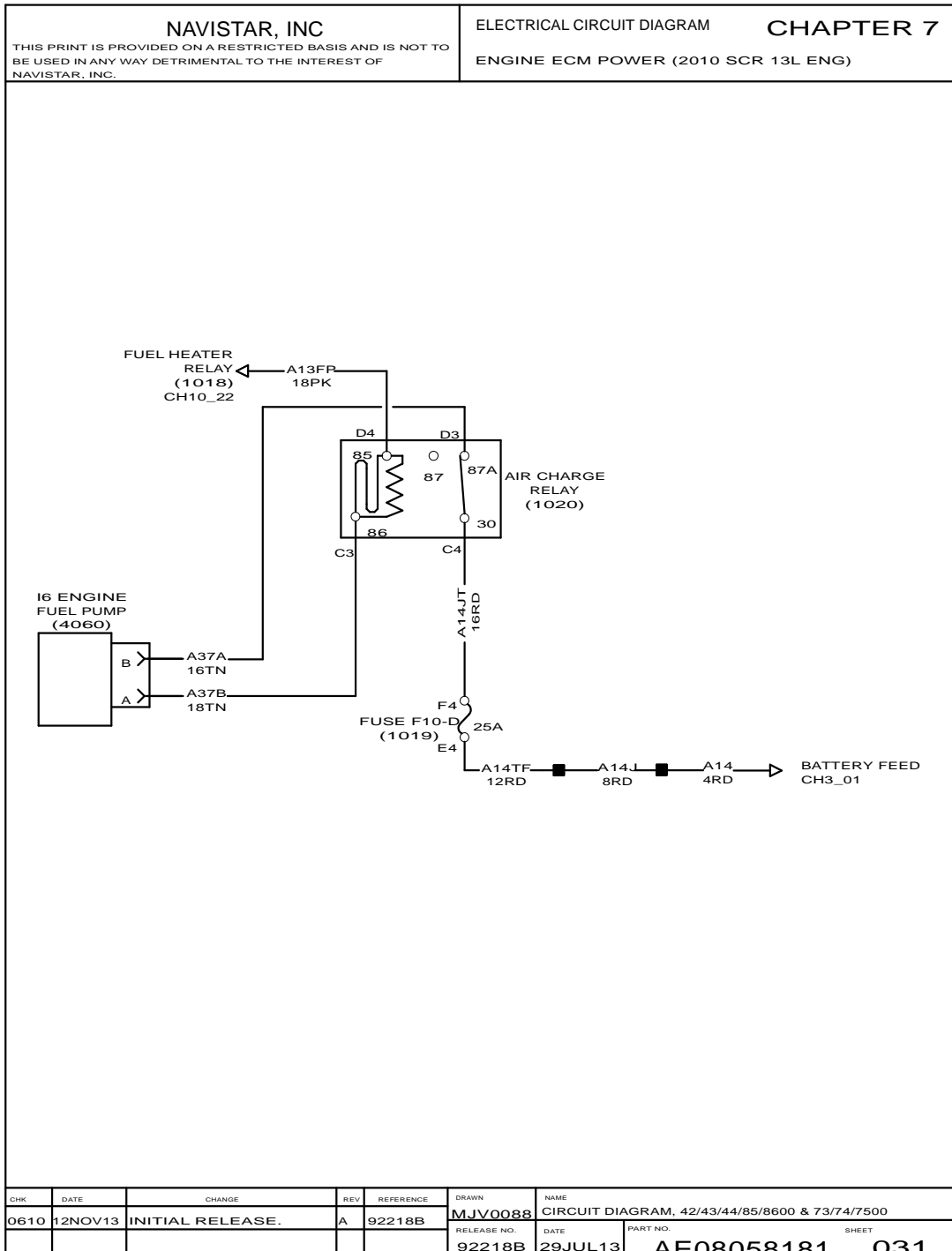


Figure 262 Engine ECM Power (2010 SCR 13L Engine)

7.33. DEF & AFTERTREATMENT (2010 SCR 13L ENGINE), P. 32

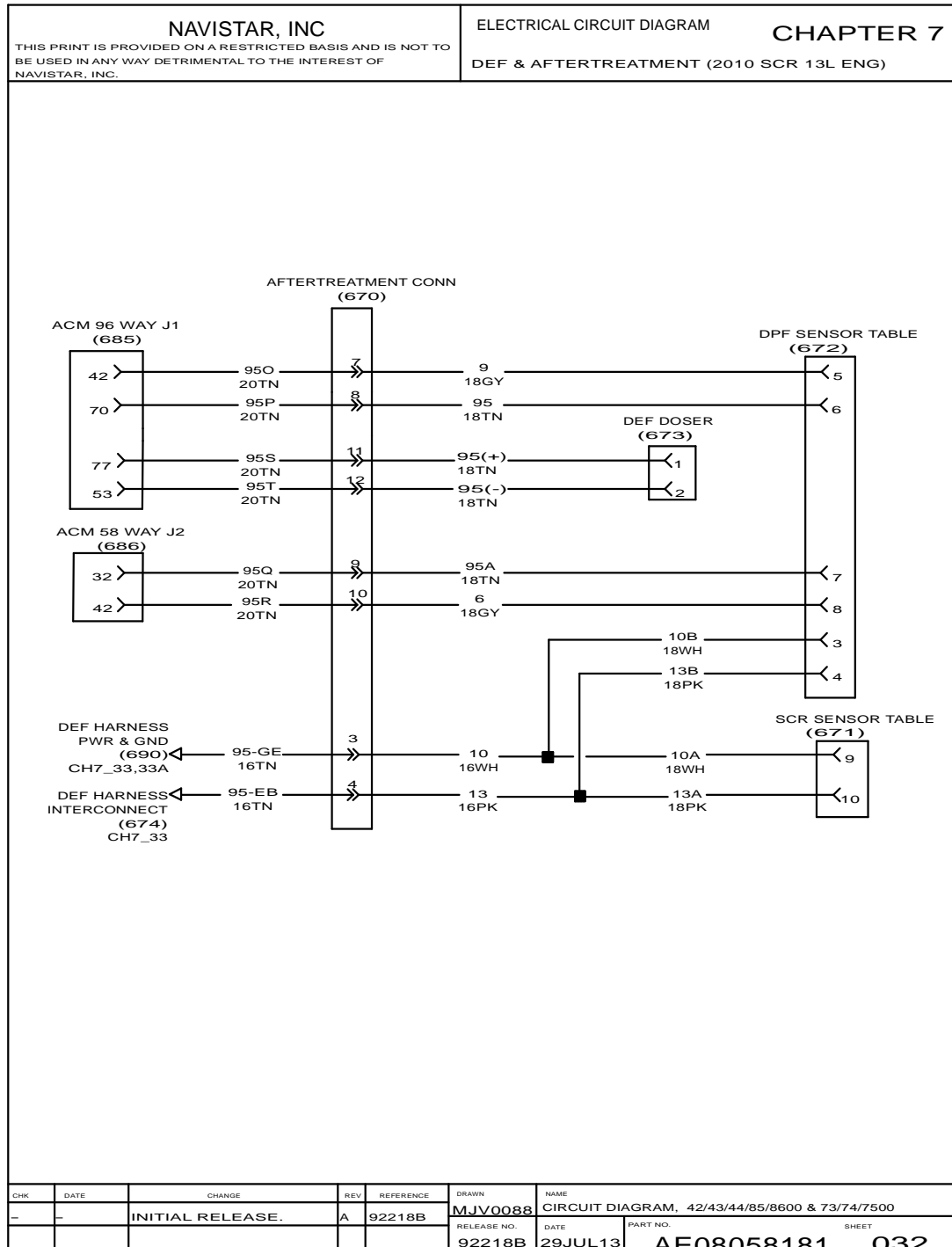


Figure 263 DEF & Aftertreatment (2010 SCR 13L Engine)

7.34. DEF & AFTERTREATMENT (2010 SCR 13L ENGINE) (CONT.), P. 33

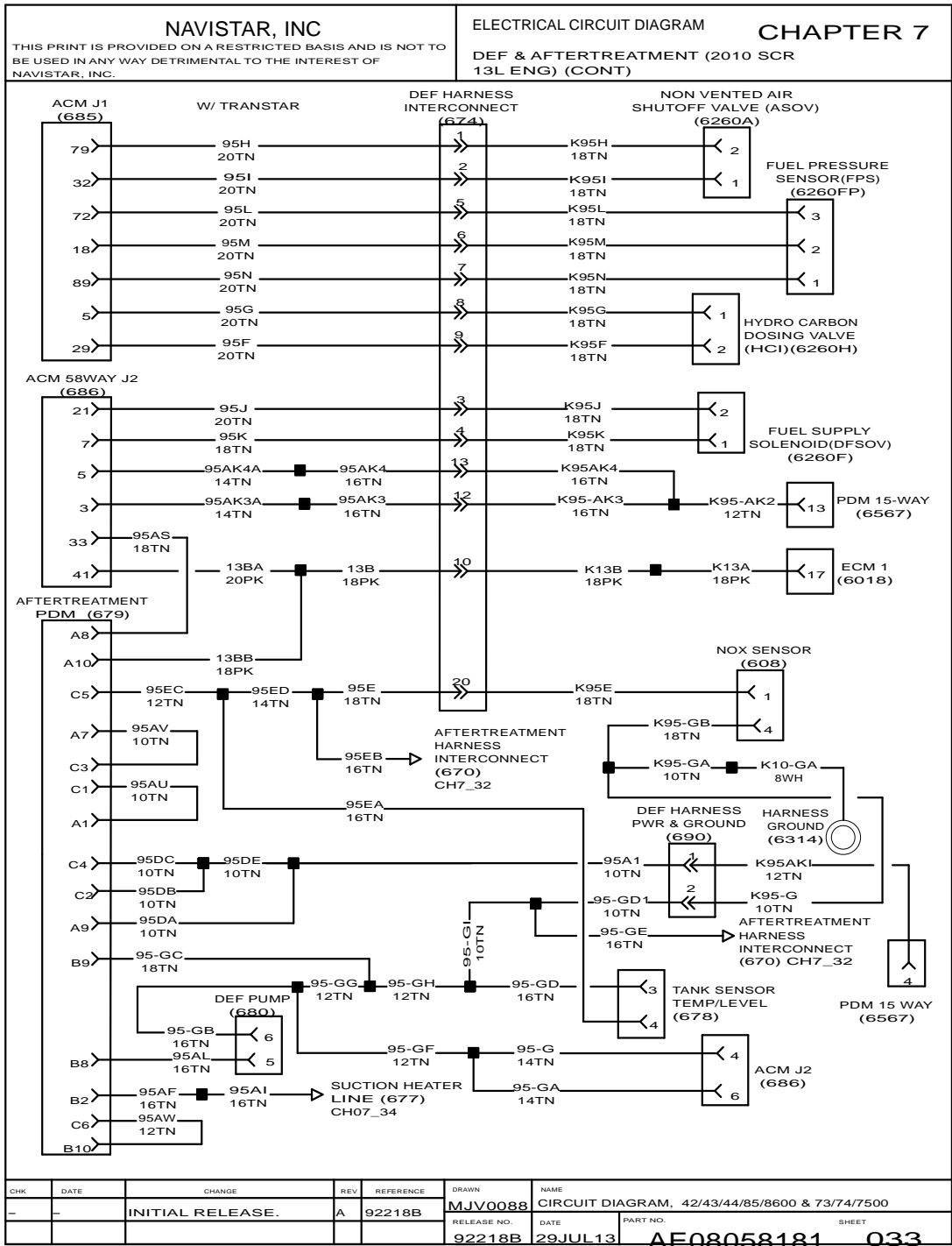


Figure 264 DEF & Aftertreatment (2010 SCR 13L Engine) (Cont.)

7.35. DEF & AFTERTREATMENT (2010 SCR 13L ENGINE) (CONT.), P. 33A

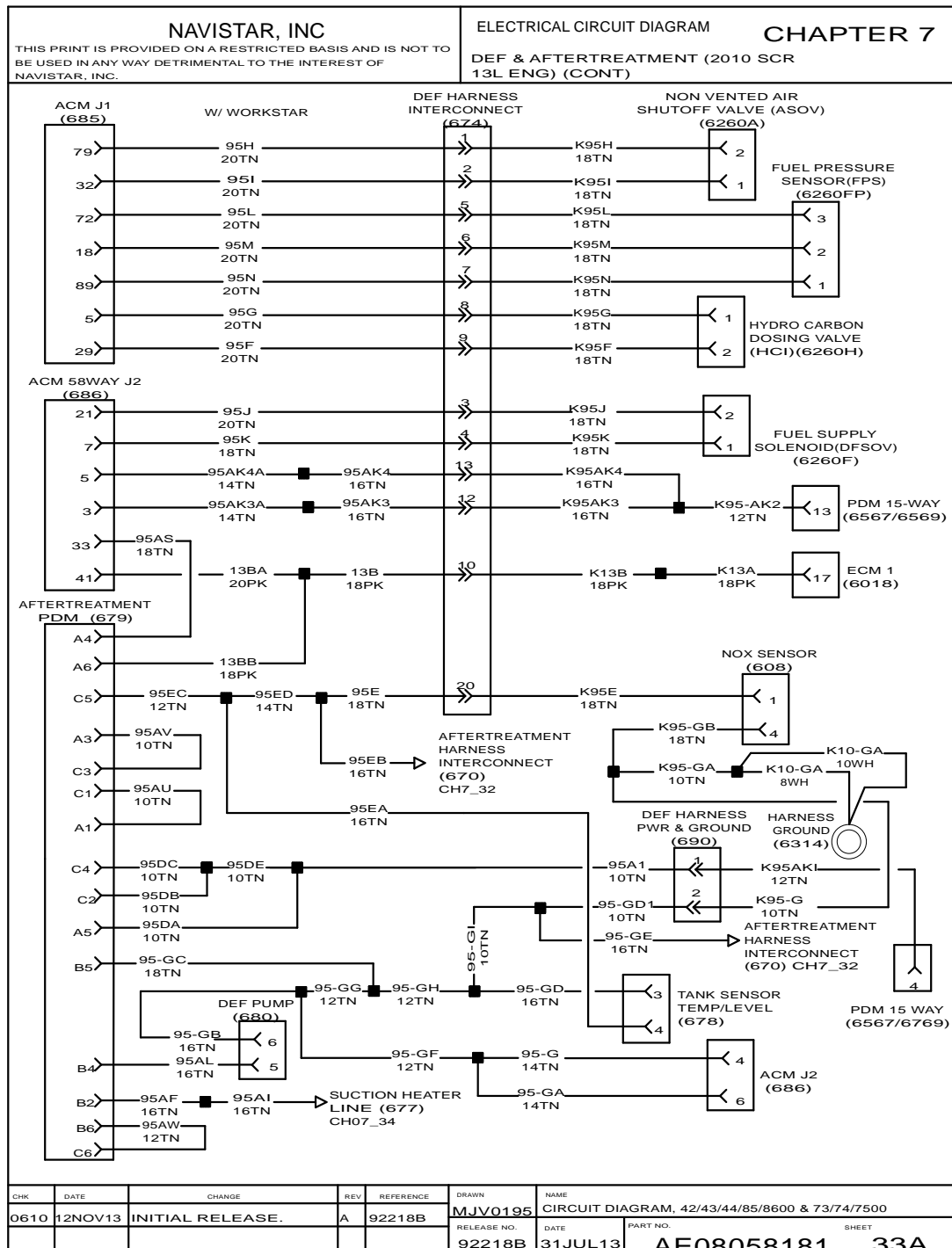


Figure 265 DEF & Aftertreatment (2010 SCR 13L Engine) (Cont.)

7.36. DEF & AFTERTREATMENT (2010 SCR 13L ENGINE) (CONT.), P. 34

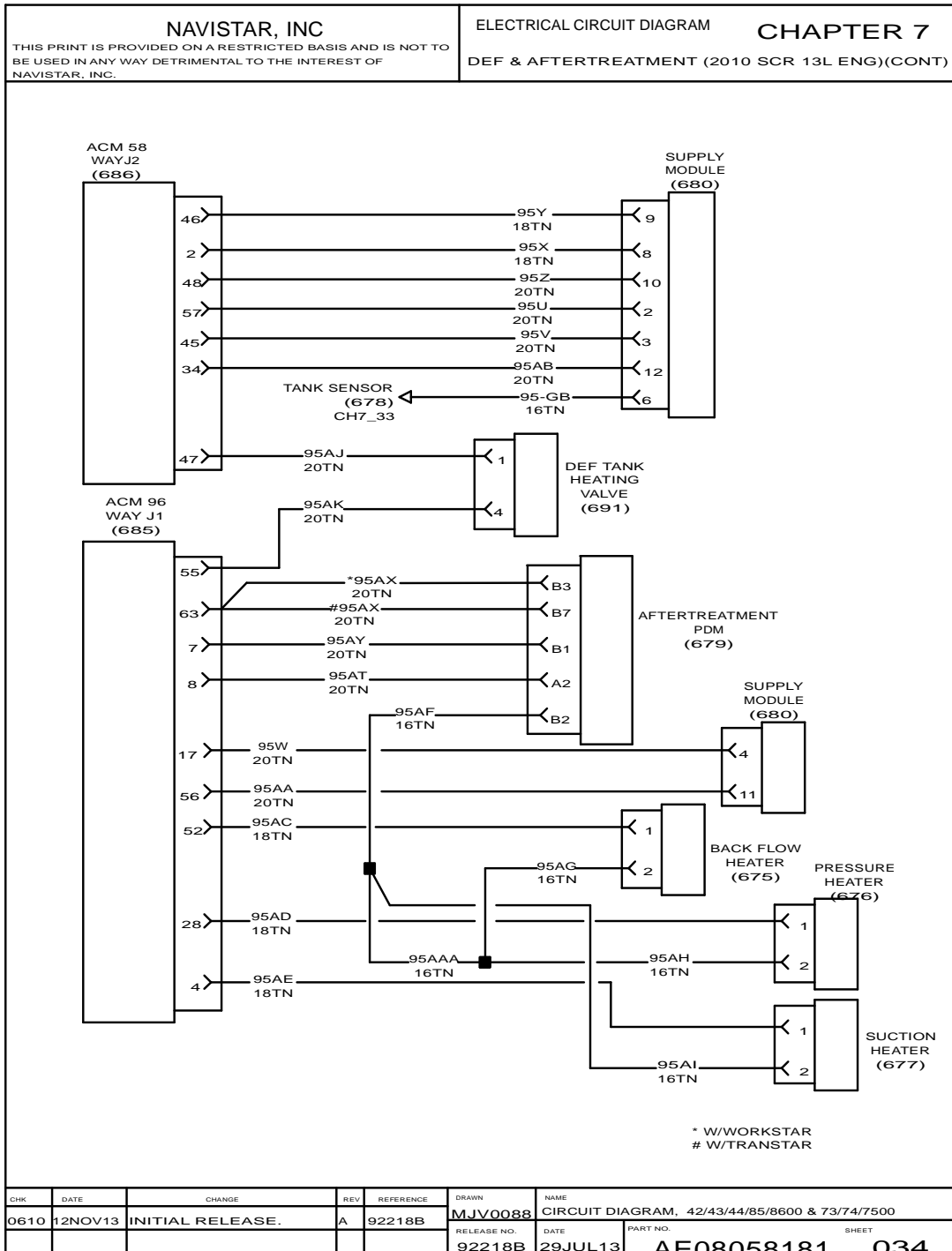


Figure 266 DEF & Aftertreatment (2010 SCR 13L Engine) (Cont.)

7.37. CAB J1939 DATA LINK (2010 SCR 13L ENGINE), P. 35

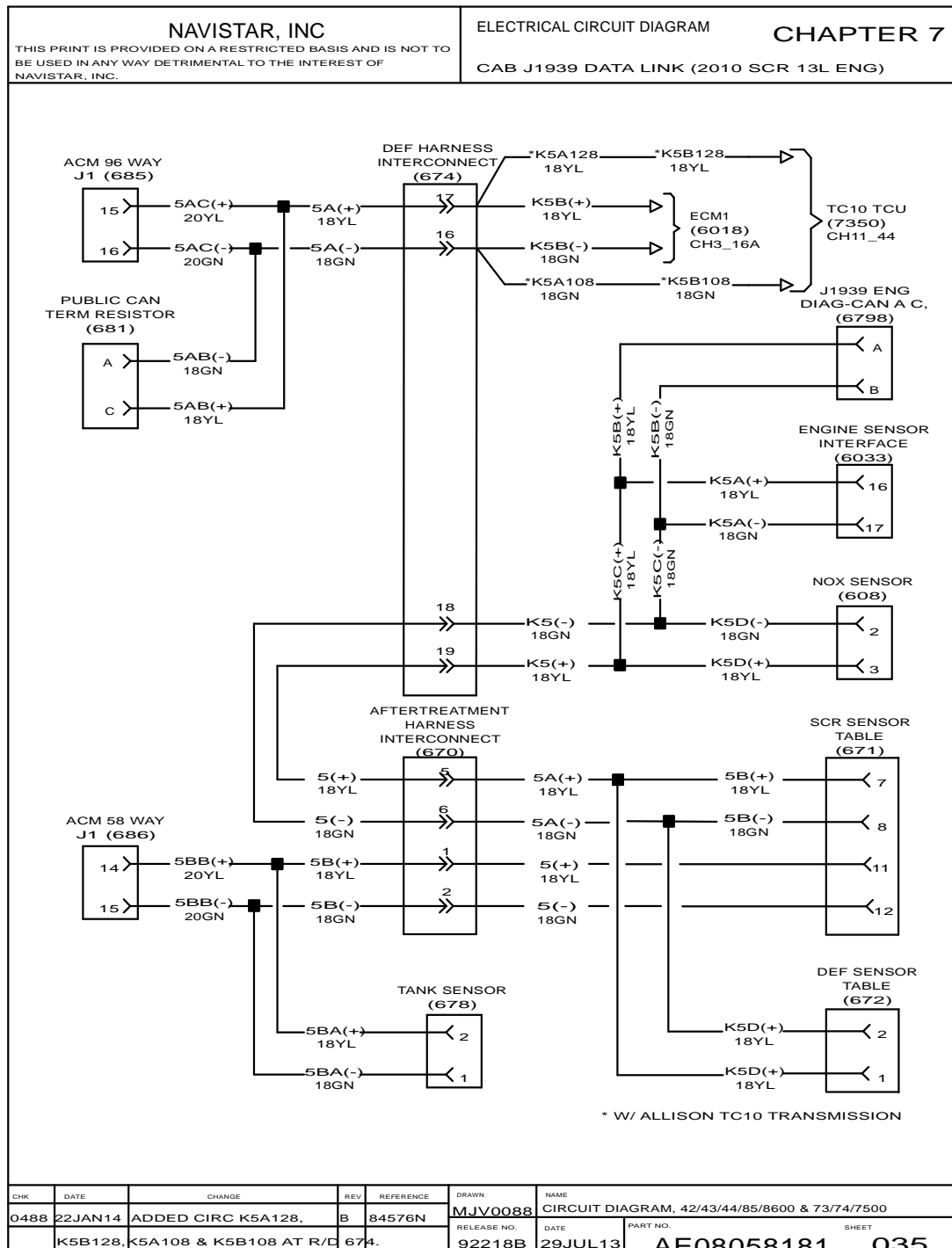


Figure 267 Cab J1939 Data Link (2010 SCR 13L Engine)

7.38. INTERNATIONAL BIG BORE ENGINE (IBBE) (2010 SCR 13L ENGINE), P. 36

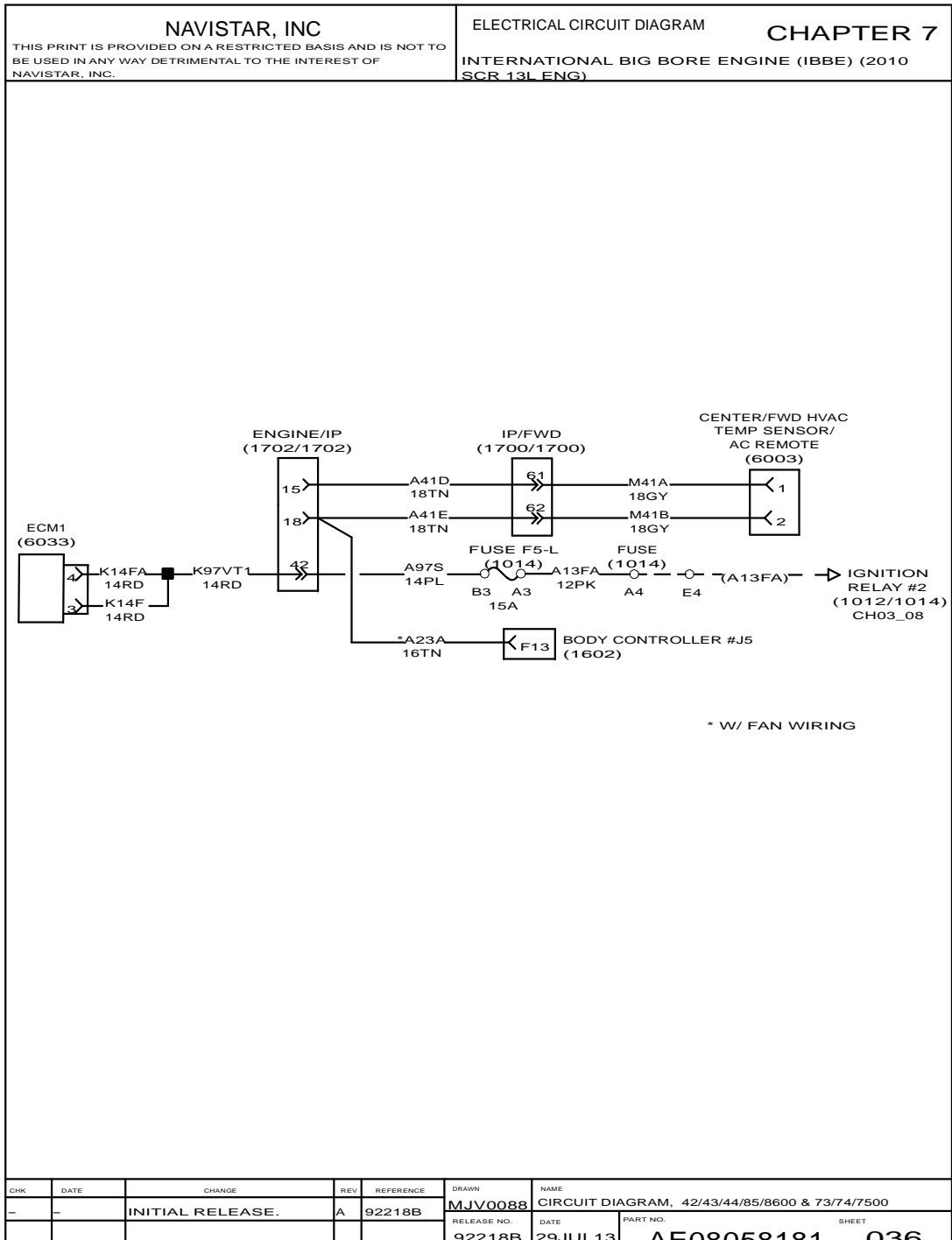


Figure 268 International Big Bore Engine (IBBE) (2010 SCR 13L Engine)

7.39. ACCELERATOR – MWM E6 (2010 SCR 13L ENGINE), P. 37

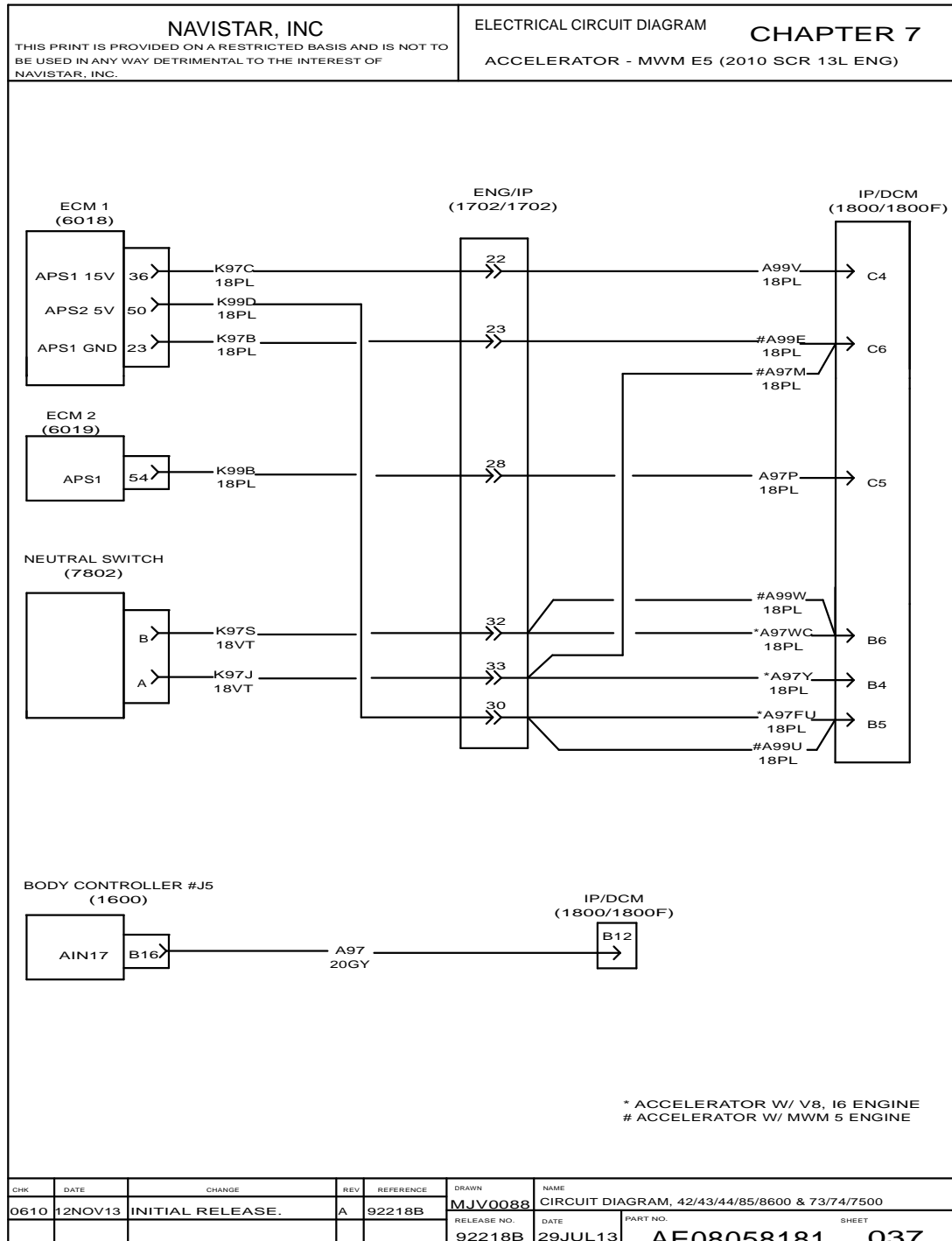


Figure 269 Accelerator – MWM E6 (2010 SCR 13L Engine)

7.40. EATON VORAD – VS400 (2010 SCR 13L ENGINE), P. 38

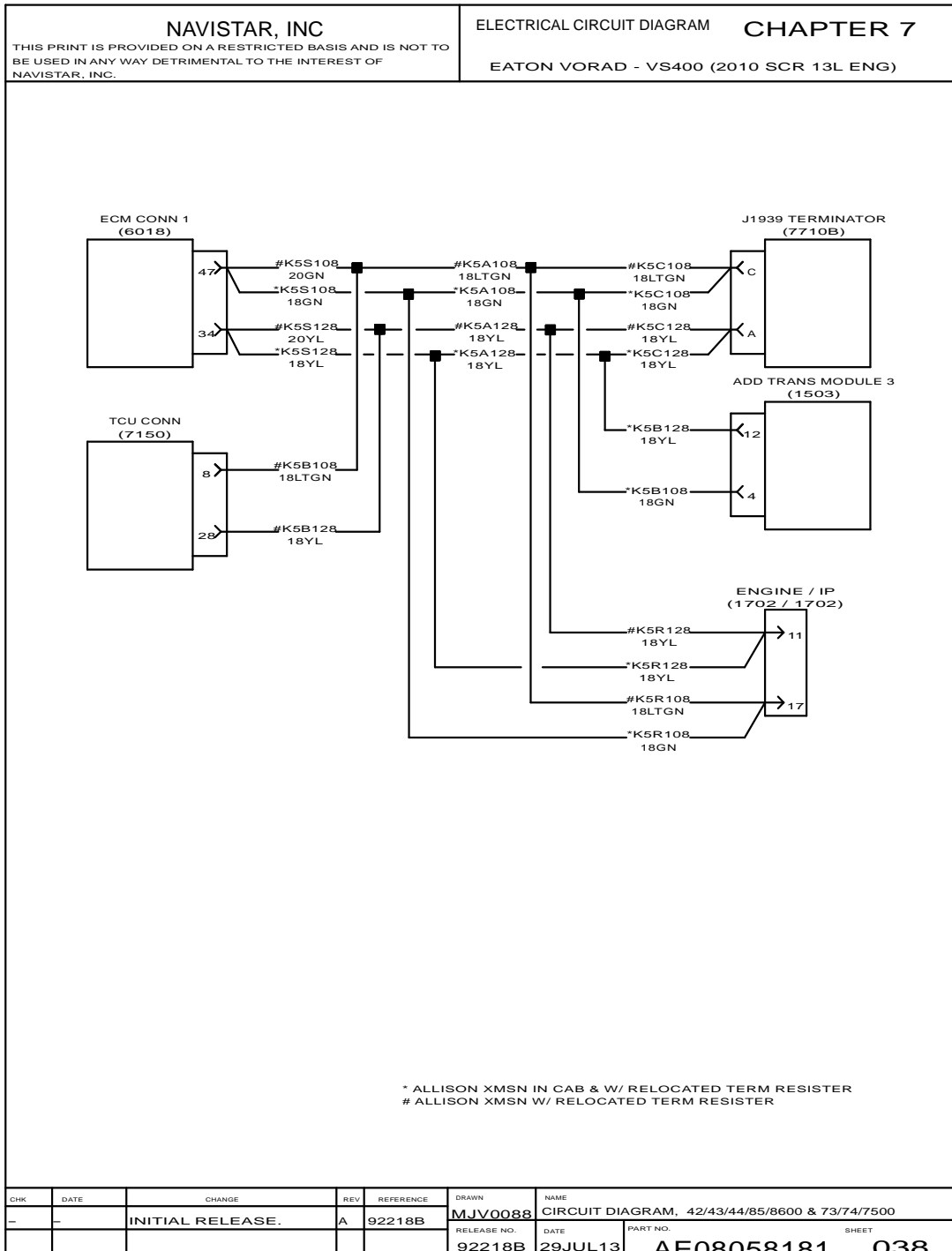


Figure 270 Eaton Vorad – VS400 (2010 SCR 13L Engine)

7.41. EATON VORAD – VS400 (2010 SCR 13L ENGINE) (CONT.), P. 39

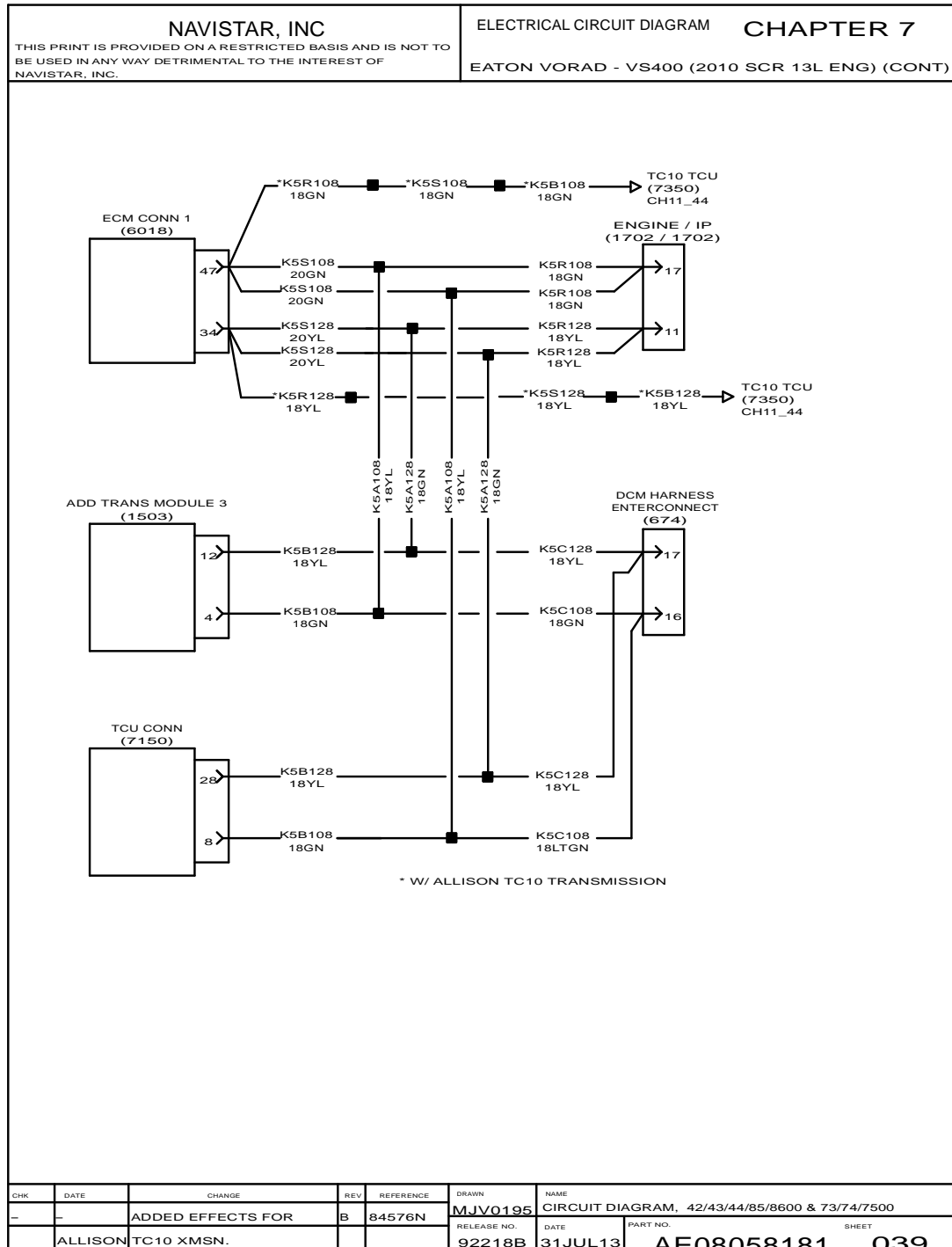


Figure 271 Eaton Vorad – VS400 (2010 SCR 13L Engine) (Cont.)

7.42. ELECTRONICS ENGINE CONTROL (2013 CUMMINS ISB MD), P. 40

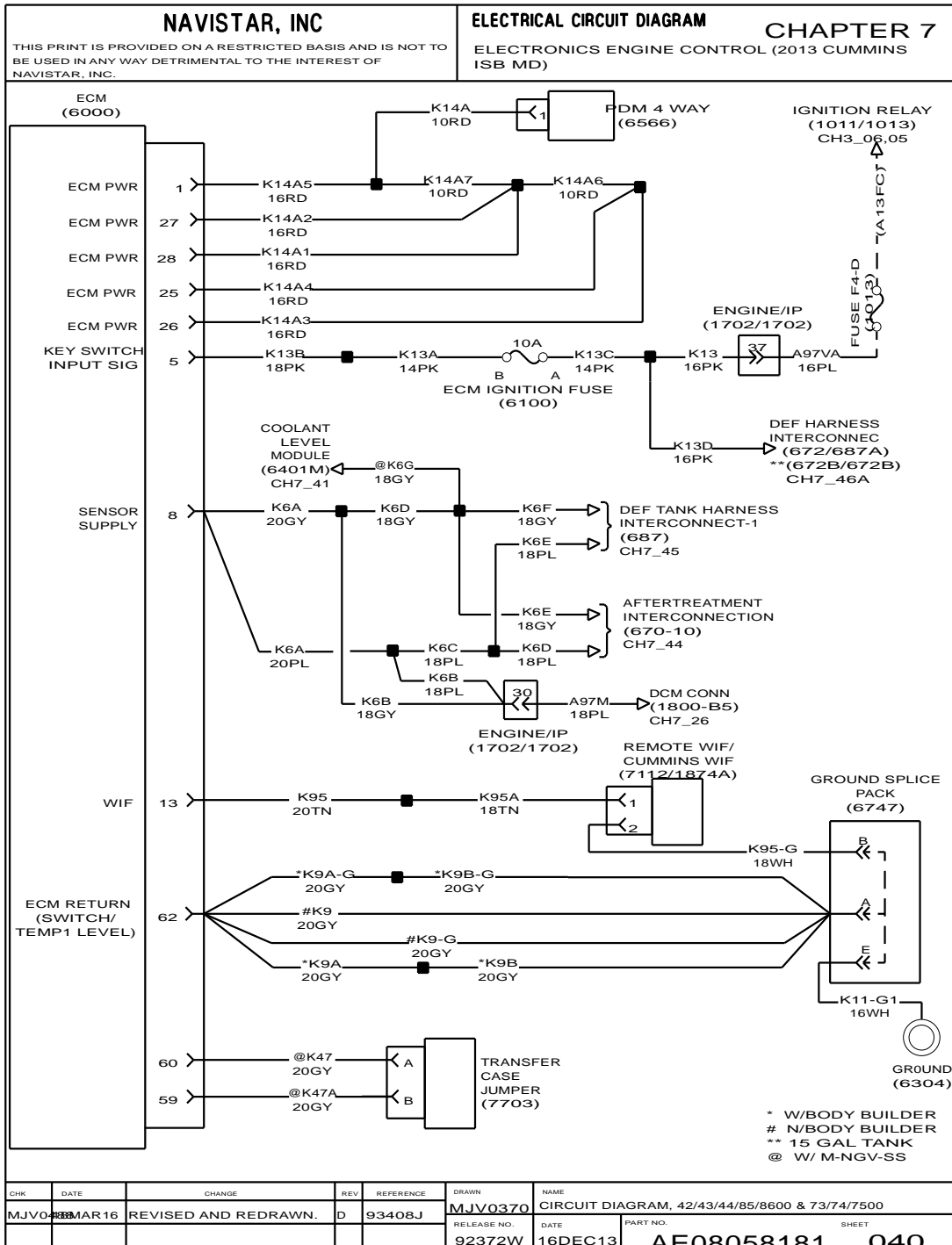


Figure 272 Electronics Engine Control (2013 Cummins ISB MD)

7.43. ELECTRONICS ENGINE CONTROL (2013 CUMMINS ISB MD) (CONT.), P. 41

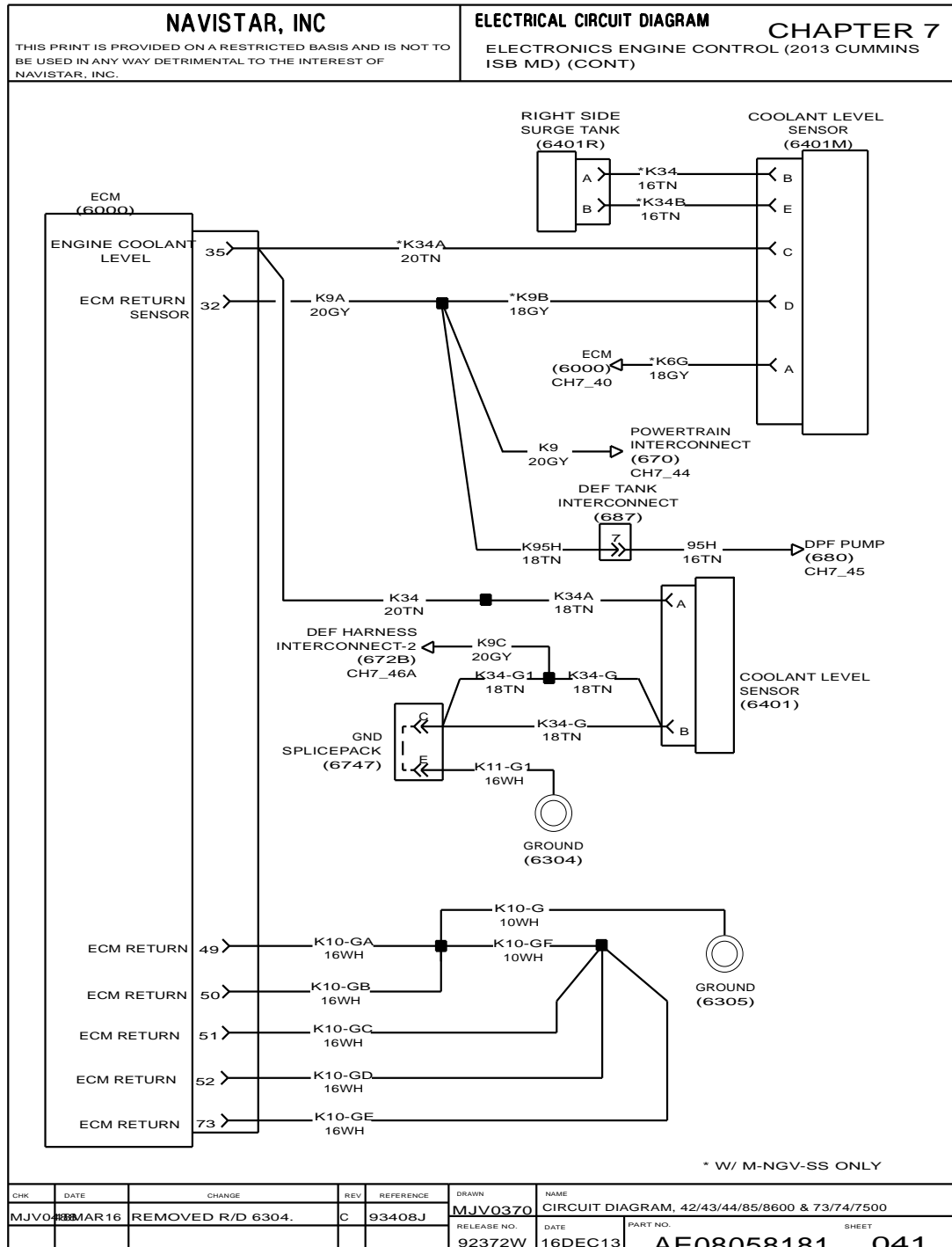


Figure 273 Electronics Engine Control (2013 Cummins ISB MD) (Cont.)

7.44. ELECTRONICS ENGINE CONTROL (2013 CUMMINS ISB MD) (CONT.), P. 42

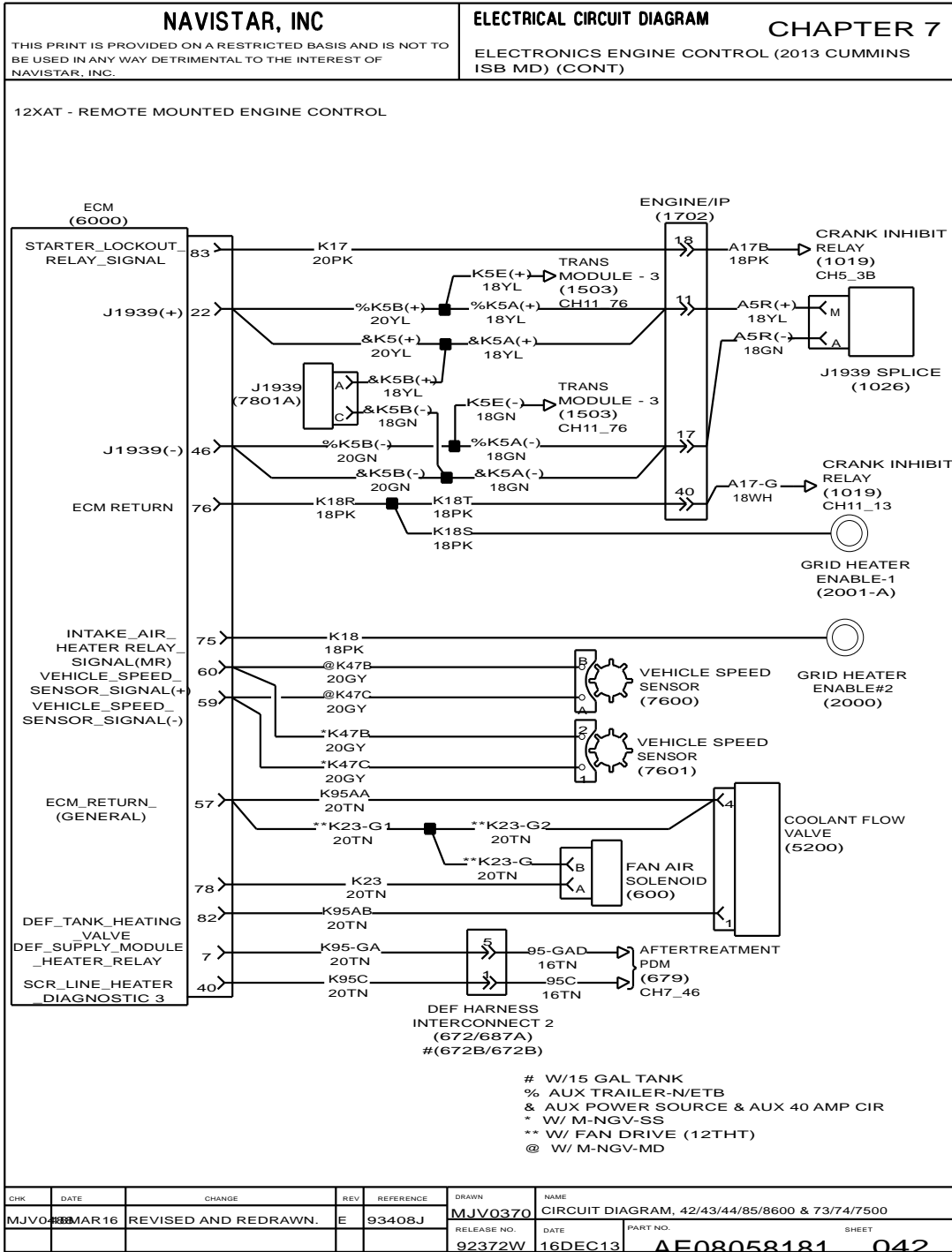


Figure 274 Electronics Engine Control (2013 Cummins ISB MD) (Cont.)

7.45. ELECTRONICS ENGINE CONTROL (2013 CUMMINS ISB MD) (CONT.), P. 42A

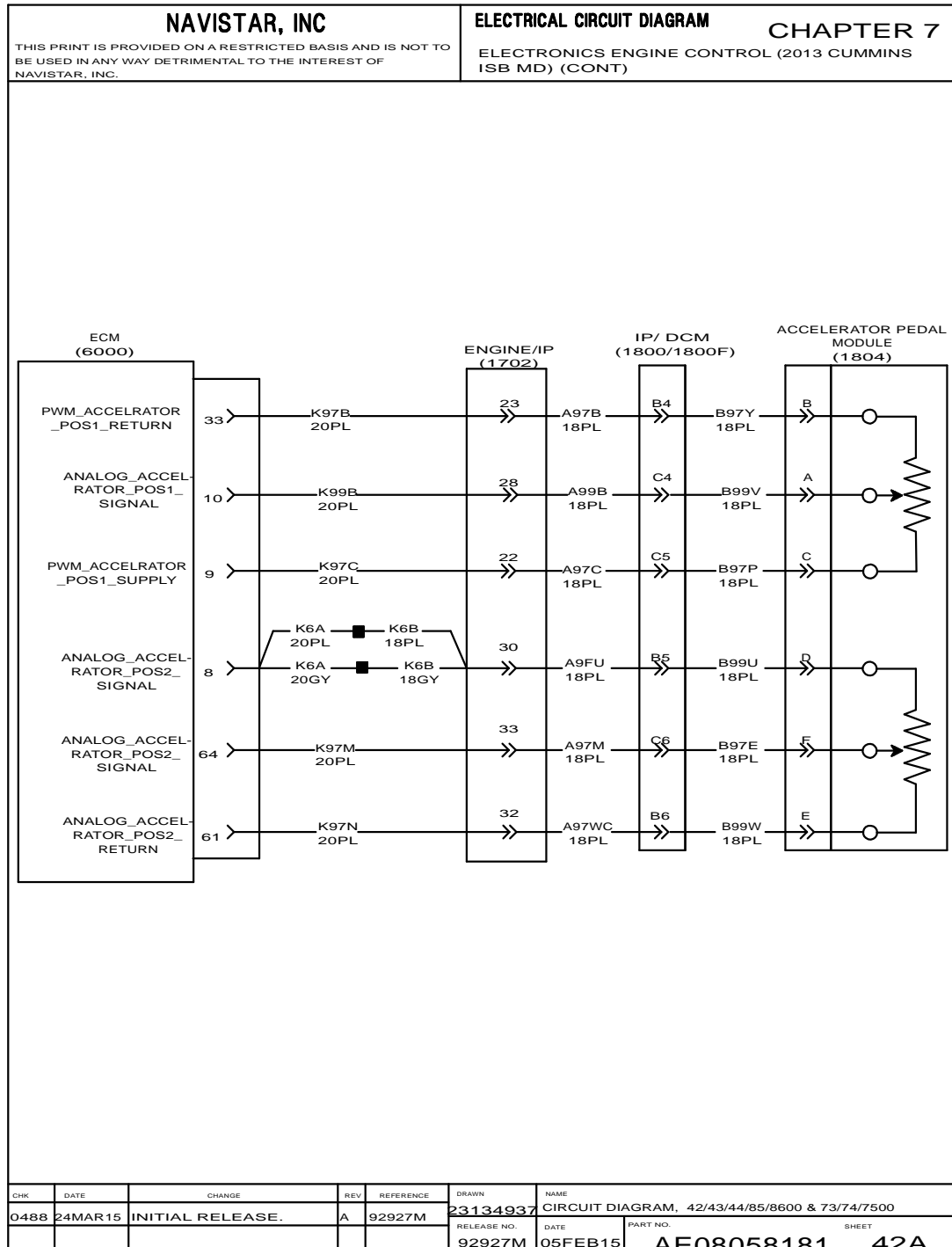


Figure 275 Electronics Engine Control (2013 Cummins ISB MD) (Cont.)

7.46. ENGINE BODY BUILDER WITH CUMMINS ISB ENGINE WITH M-NGV-MD, P. 42B

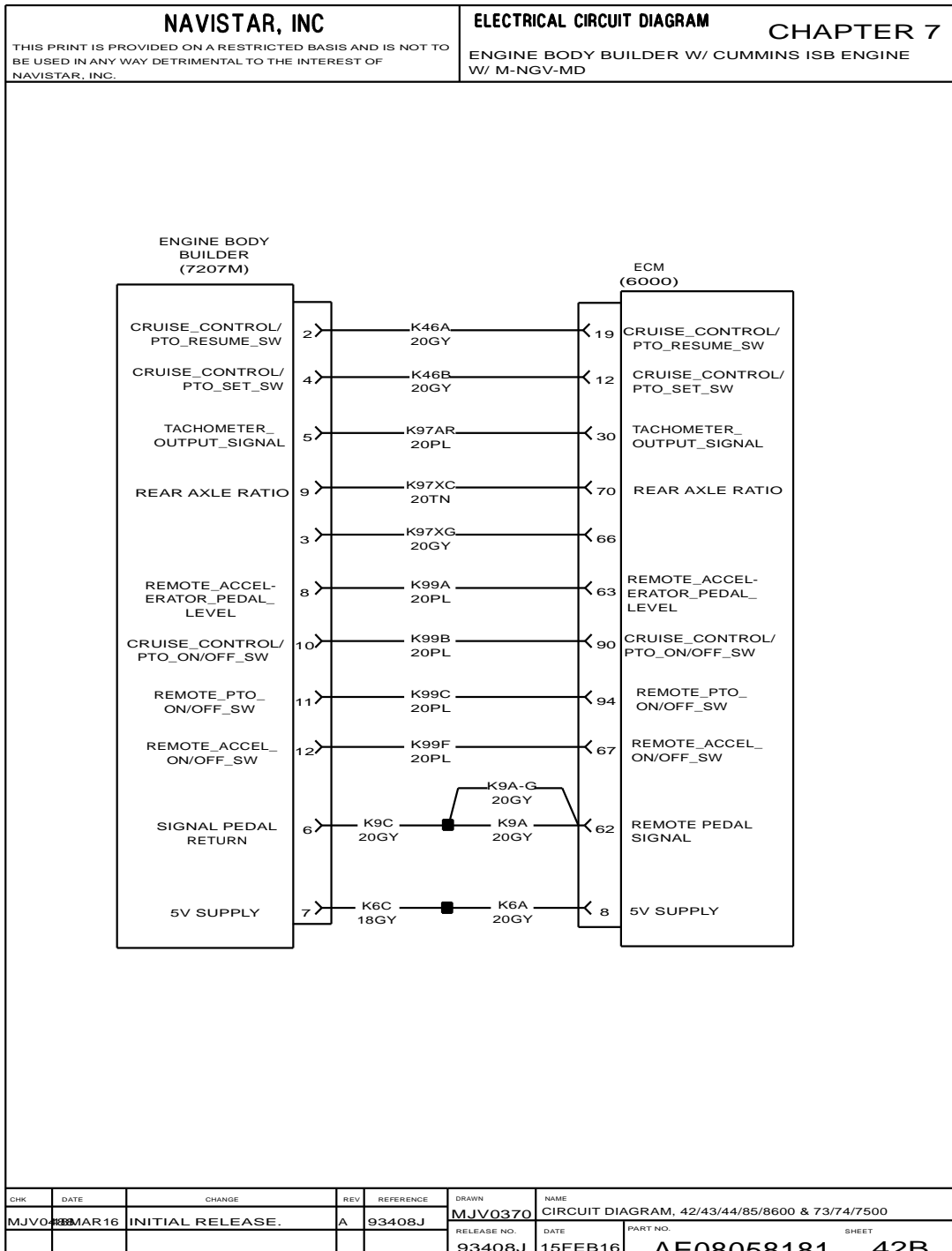


Figure 276 Engine Body Builder with Cummins ISB Engine with M-NGV-MD

7.47. ENGINE BODY BUILDER WITH CUMMINS ISB ENGINE WITH M-NGV-SS, P. 42C

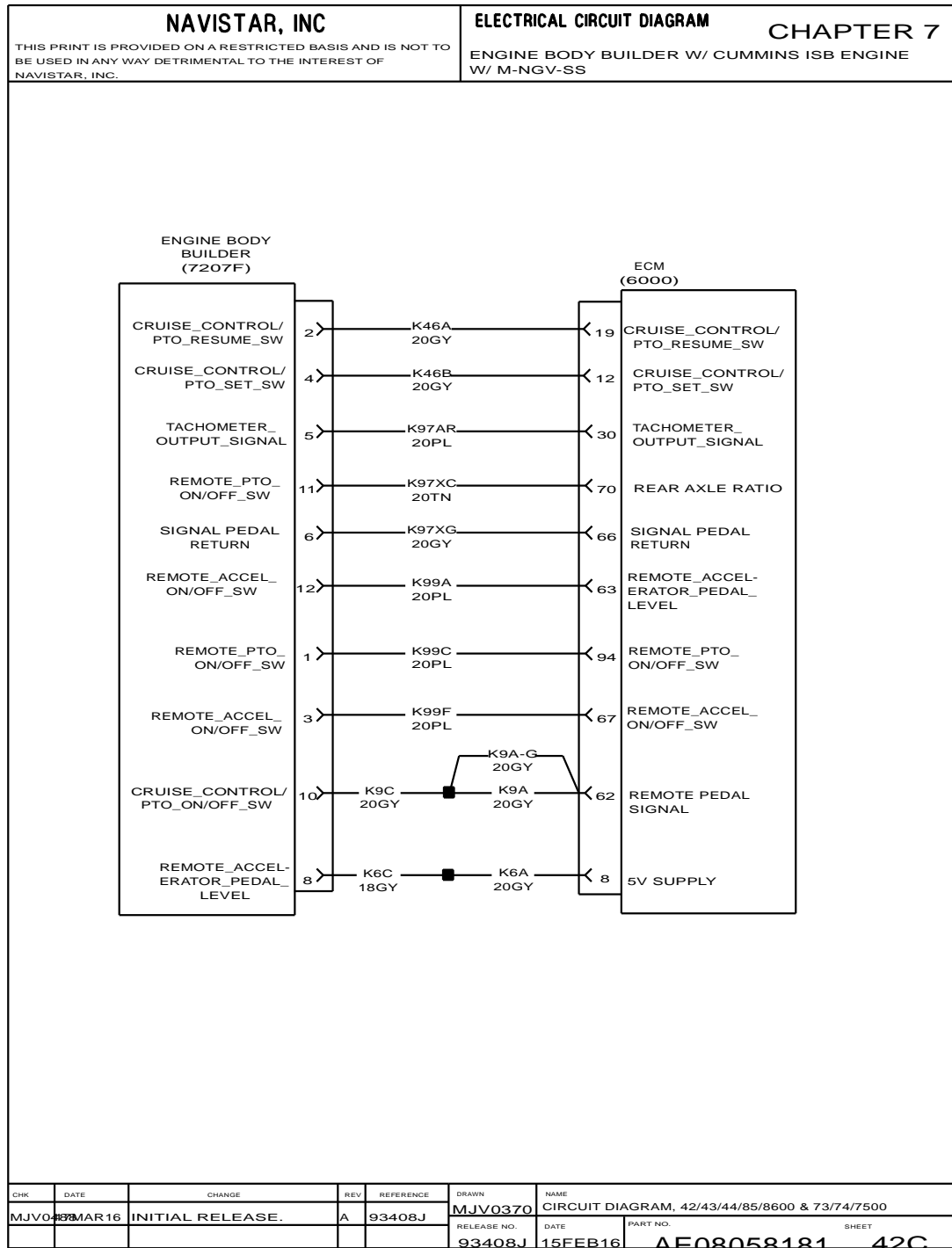


Figure 277 Engine Body Builder with Cummins ISB Engine with M-NGV-SS

7.48. AMMETER CONNECTIONS, P. 43

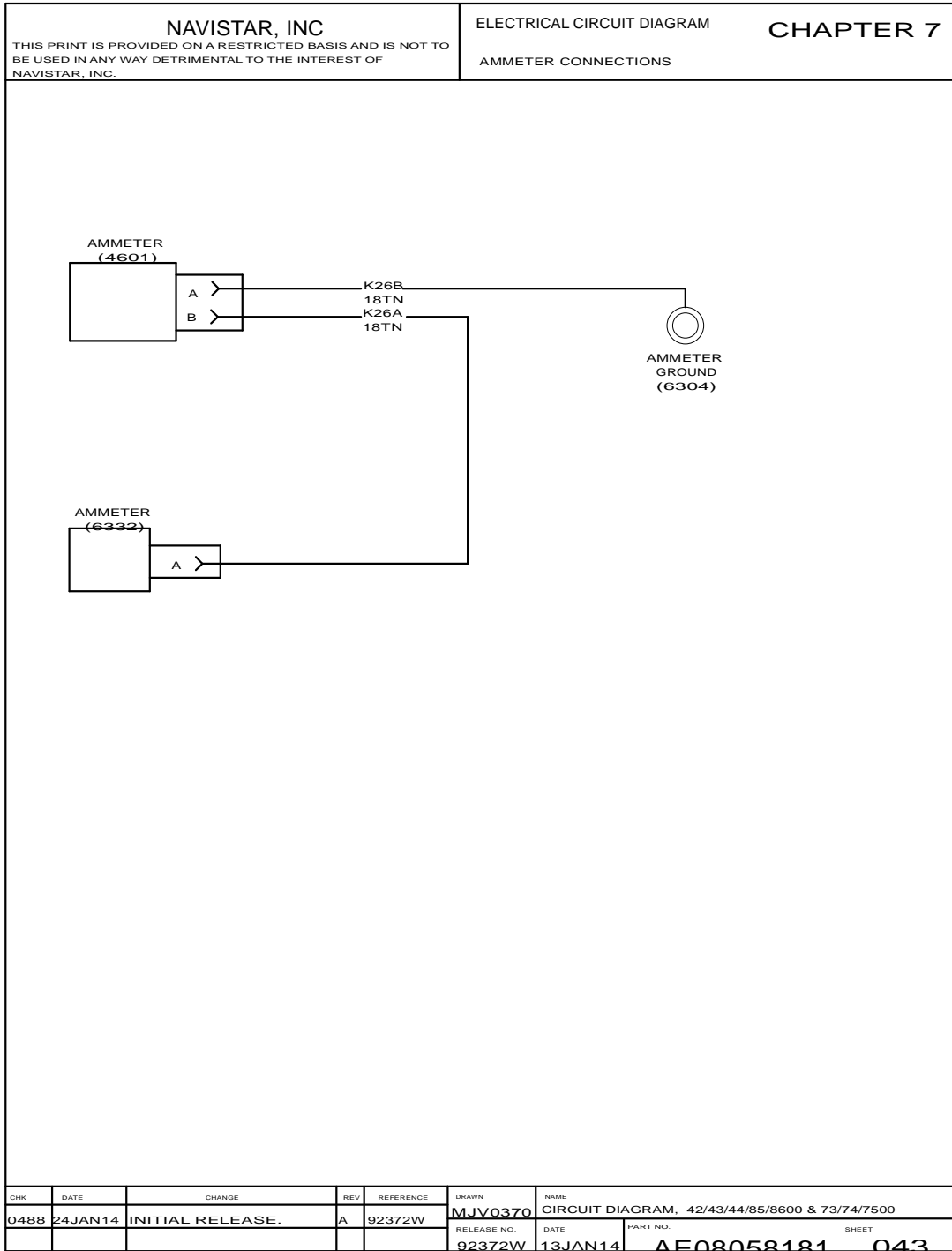


Figure 278 Ammeter Connections

7.49. DEF AND AFTERTREATMENT CONTROL (2013 - CUMMINS ISB MD), P. 44

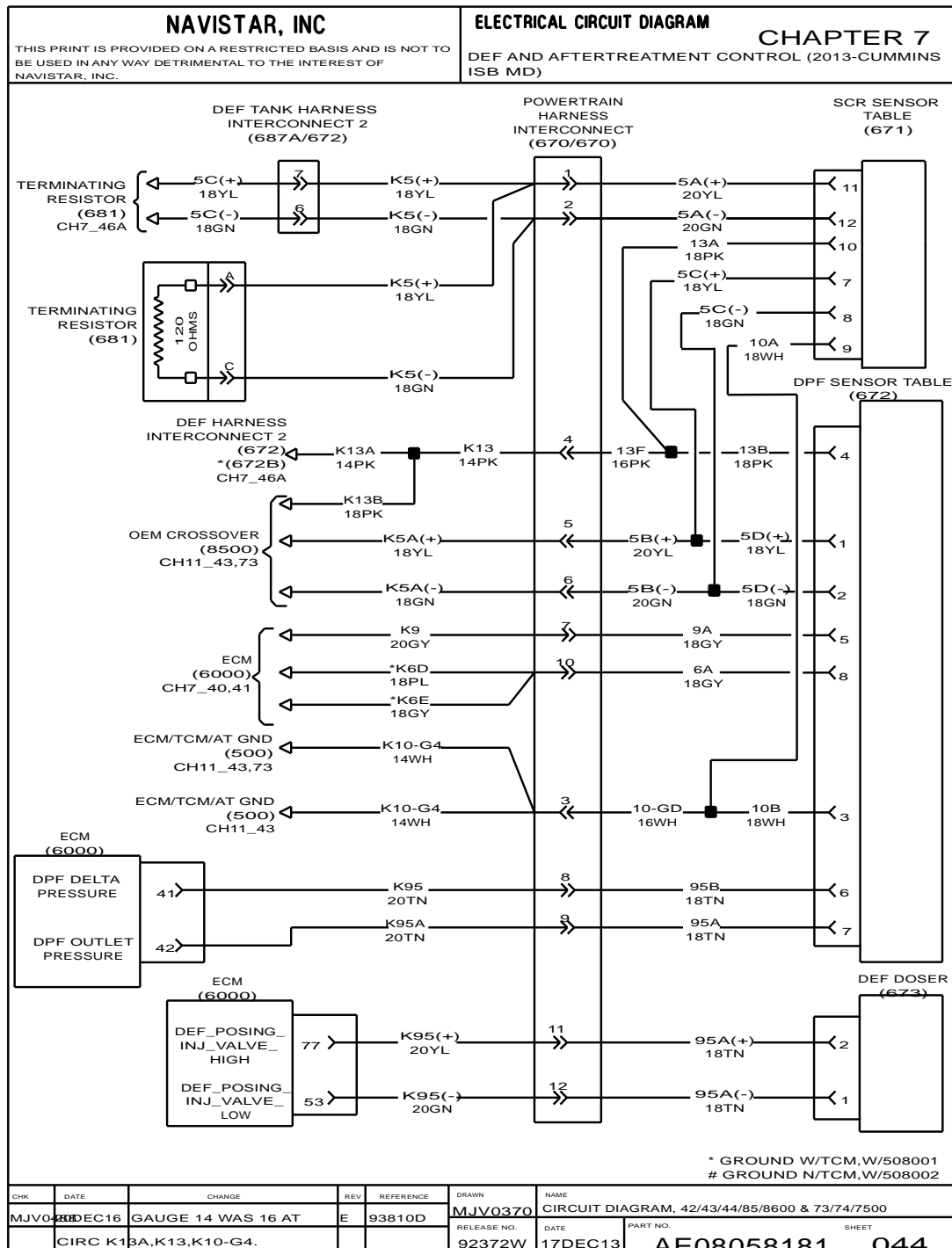


Figure 279 DEF and Aftertreatment Control (2013 - Cummins ISB MD)

7.50. DEF AND AFTERTREATMENT CONTROL (2013 - CUMMINS ISB MD) (CONT.), P. 45

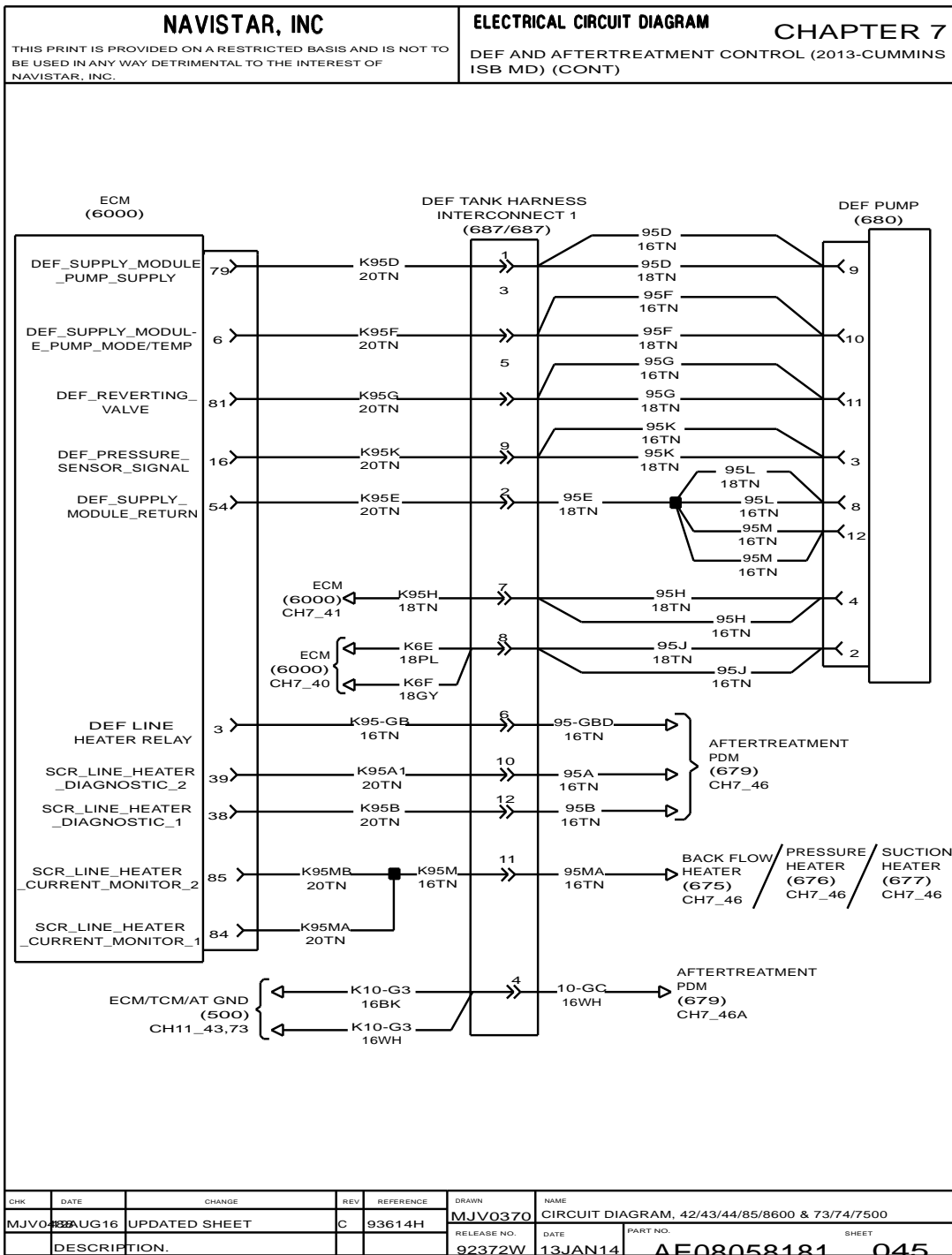


Figure 280 DEF and Aftertreatment Control (2013 - Cummins ISB MD) (Cont.)

7.51. DEF AND AFTERTREATMENT CONTROL (2013 - CUMMINS ISB MD) (CONT.), P. 46

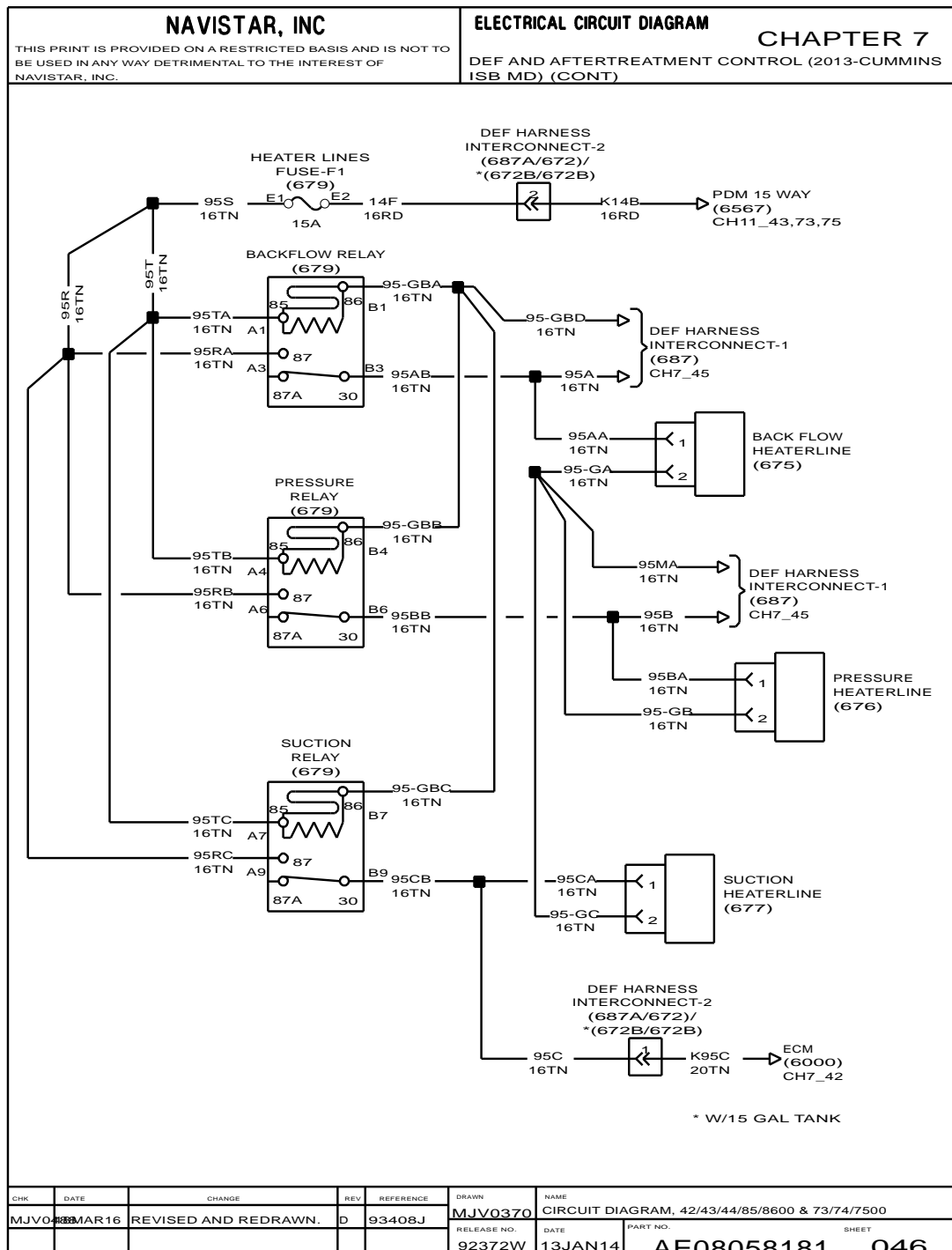


Figure 281 DEF and Aftertreatment Control (2013 - Cummins ISB MD) (Cont.)

7.52. DEF AND AFTERTREATMENT CONTROL (2013 - CUMMINS ISB MD) (CONT.), P. 46A

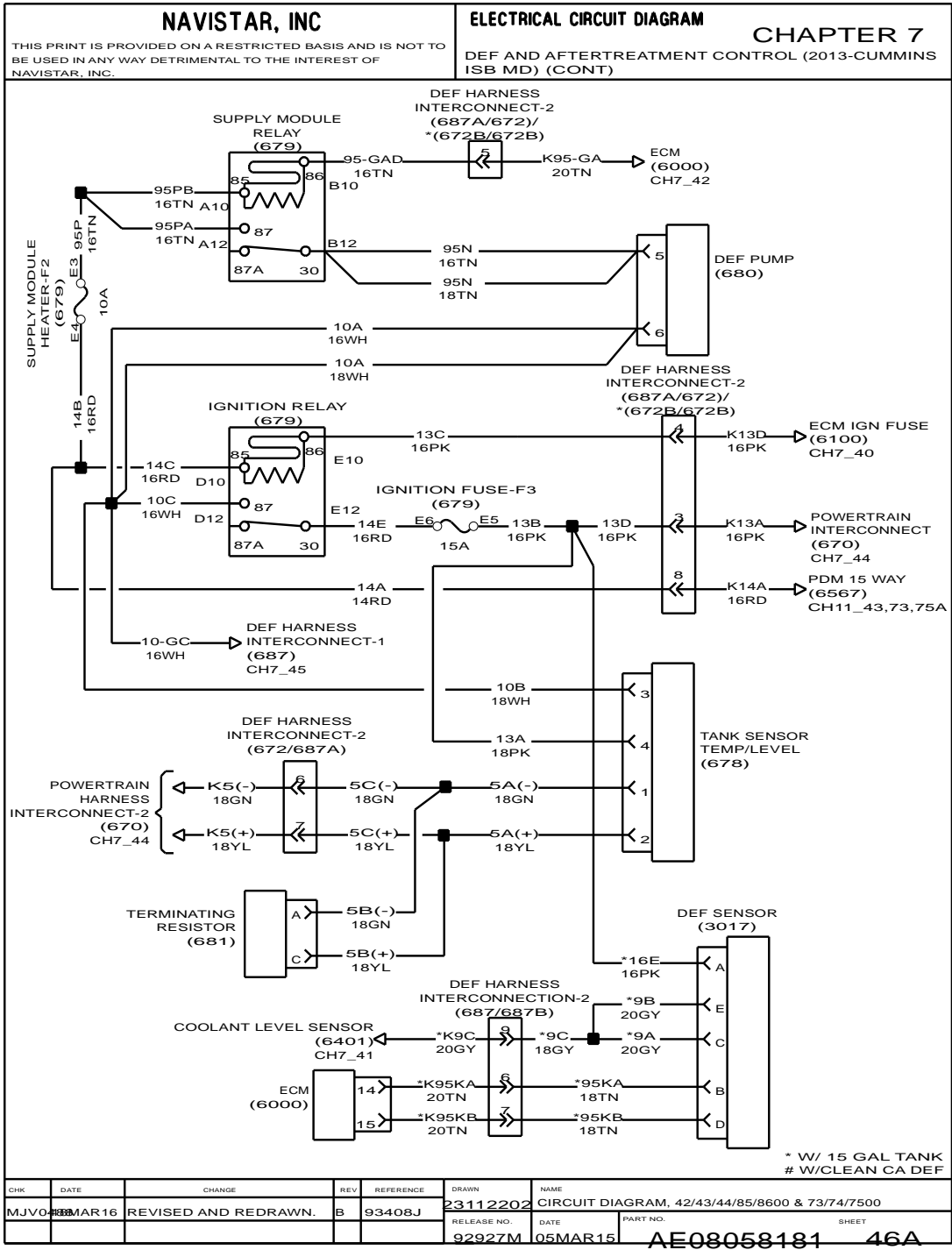


Figure 282 DEF and Aftertreatment Control (2013 - Cummins ISB MD) (Cont.)

7.53. PDM PRODUCT GRAPHICS WITH CUMMINS ISB ENGINE, P. 46B

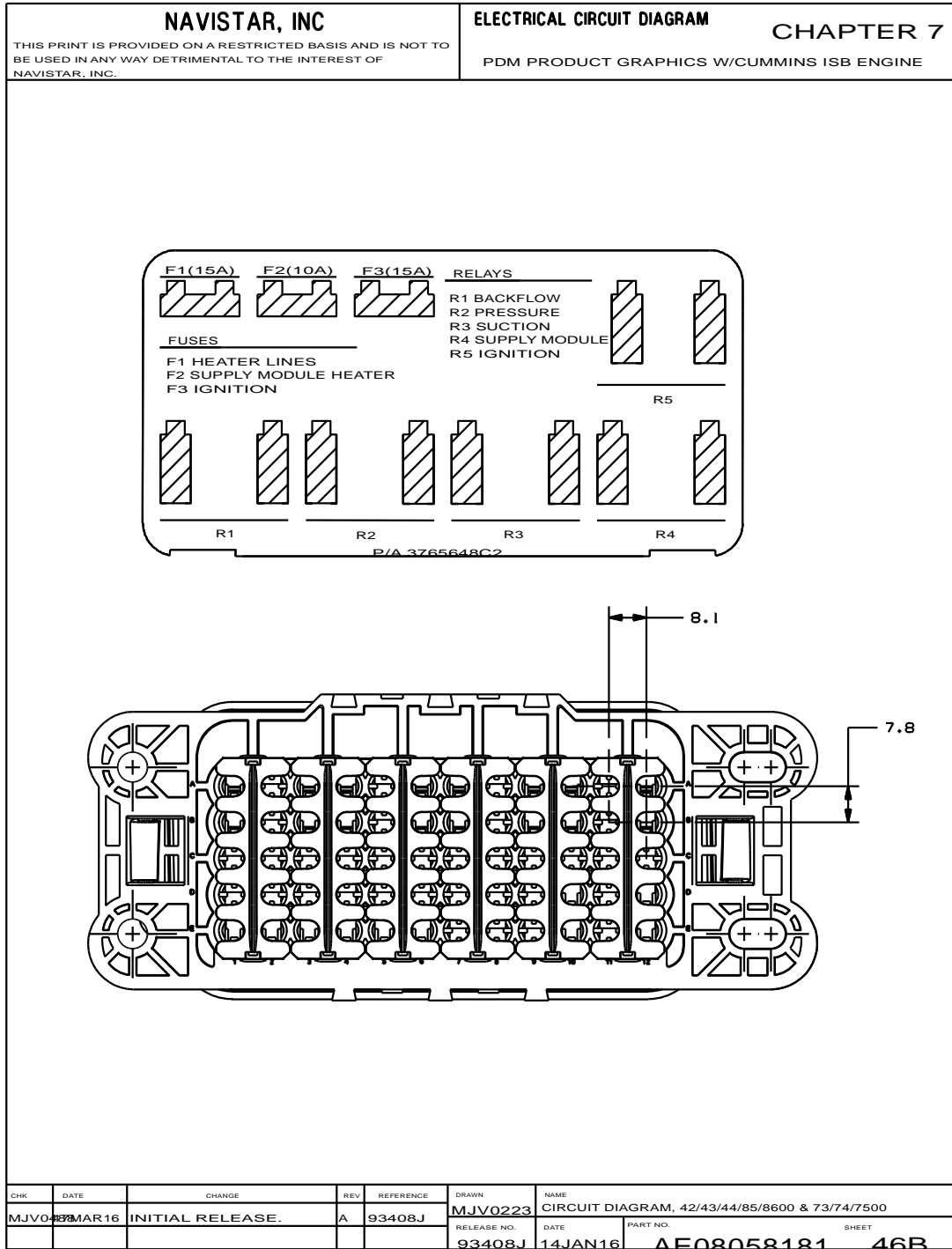


Figure 283 PDM Product Graphics with Cummins ISB Engine

7.54. DEF AND AFTERTREATMENT CONTROL (2013 – CUMMINS ISB MD) (CONT.), P. 47

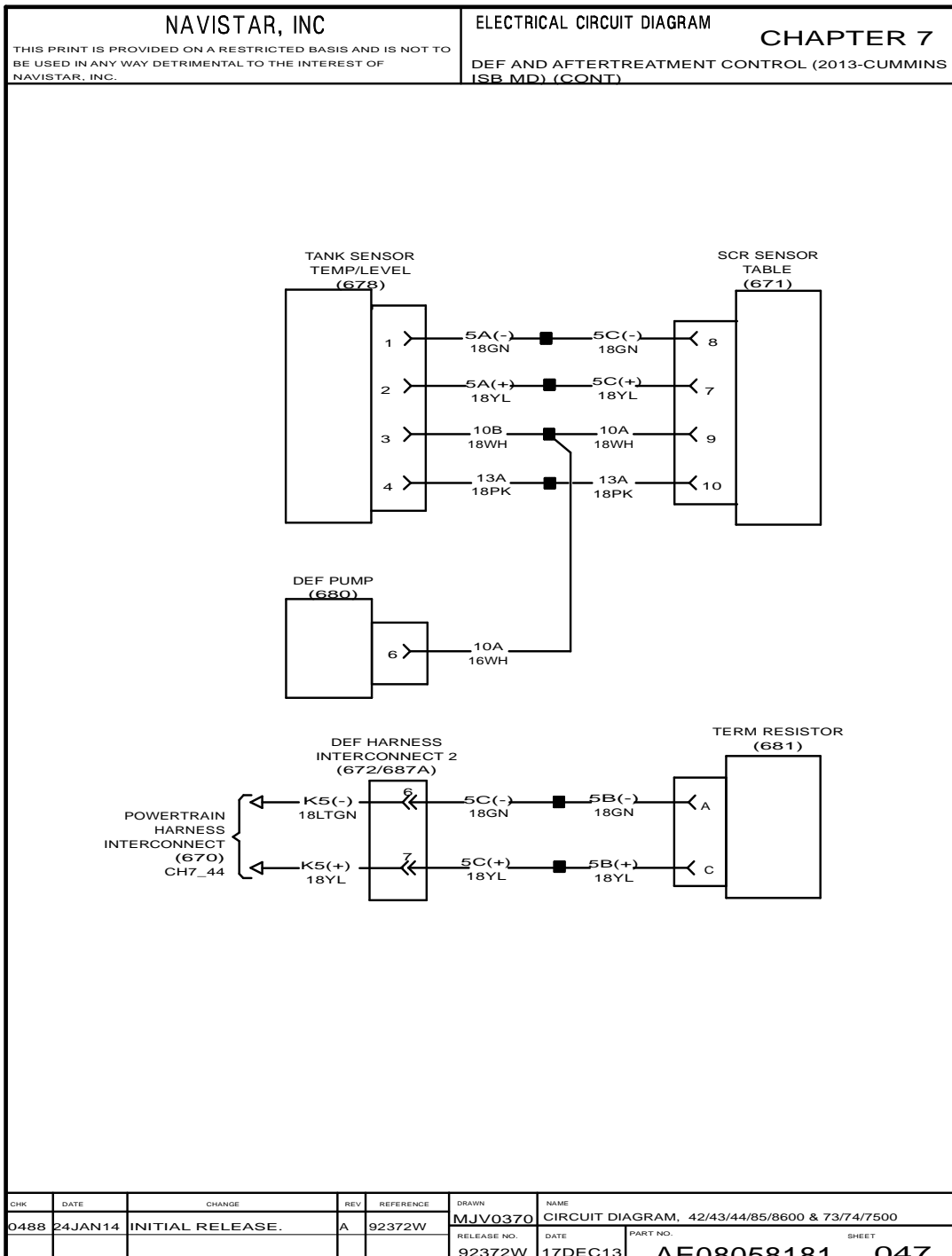


Figure 284 DEF and Aftertreatment Control (2013 – Cummins ISB MD) (Cont.)

7.55. AIR CLEANER LEFT AND RIGHT SIDE WITH I6, I-746 ENGINE, P. 48

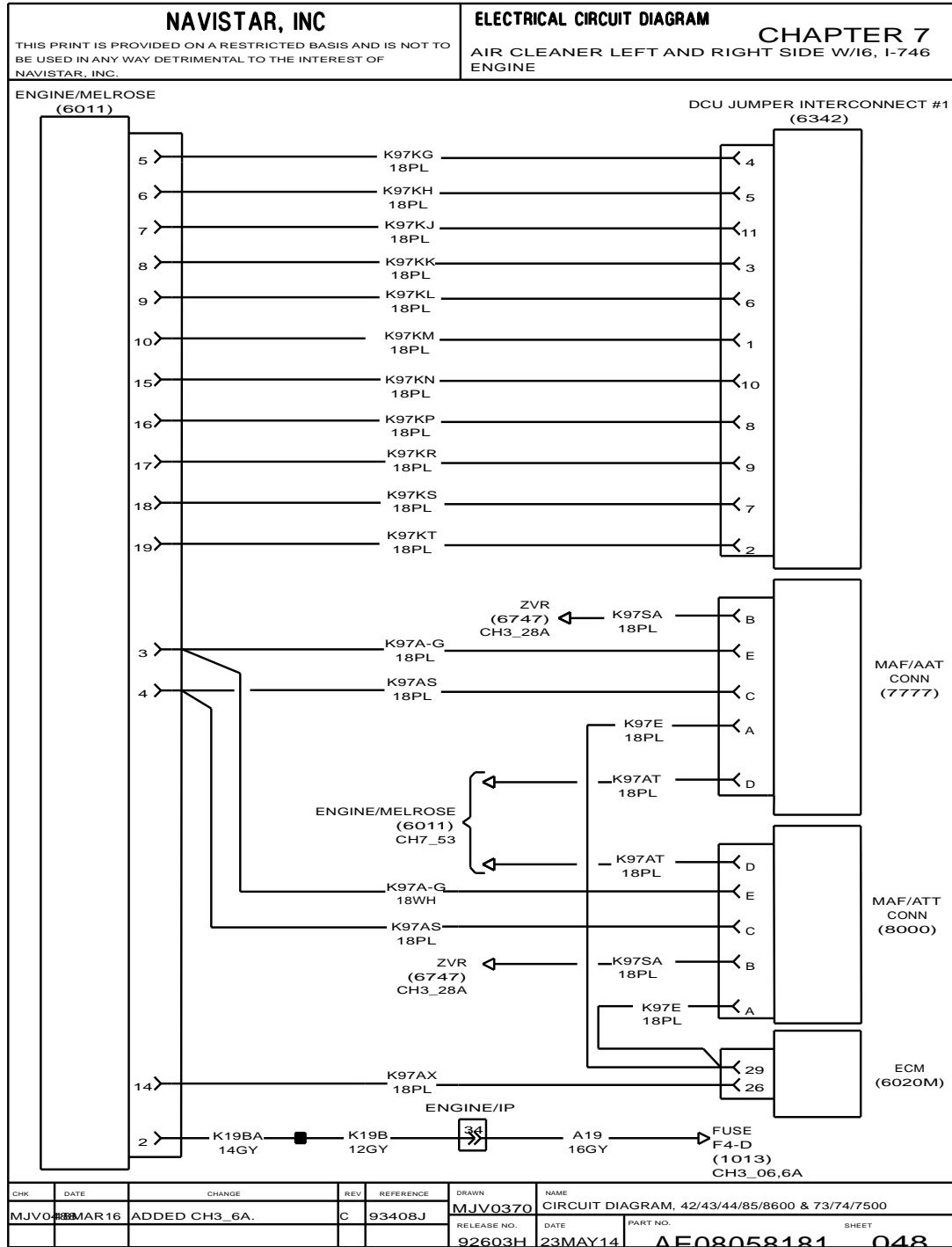


Figure 285 Air Cleaner Left and Right Side with I6, I-746 Engine

7.56. COMMON CLEAN POWER FEED WITH I6, I-746 ENGINE, P. 49

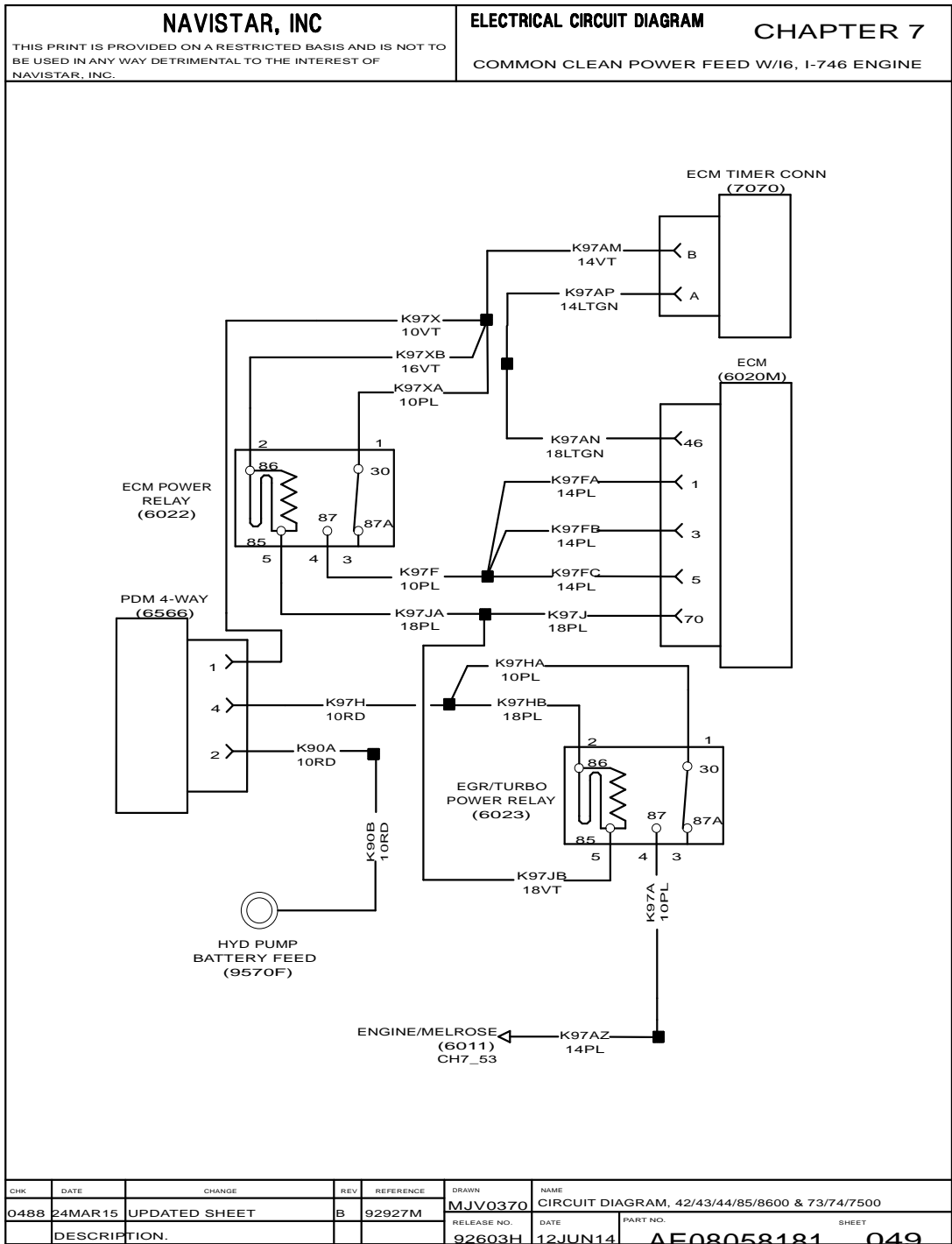


Figure 286 Common Clean Power Feed with I6, I-746 Engine

7.57. COMMON CLEAN POWER FEED WITH I6, I-746 ENGINE (CONT.), P. 50

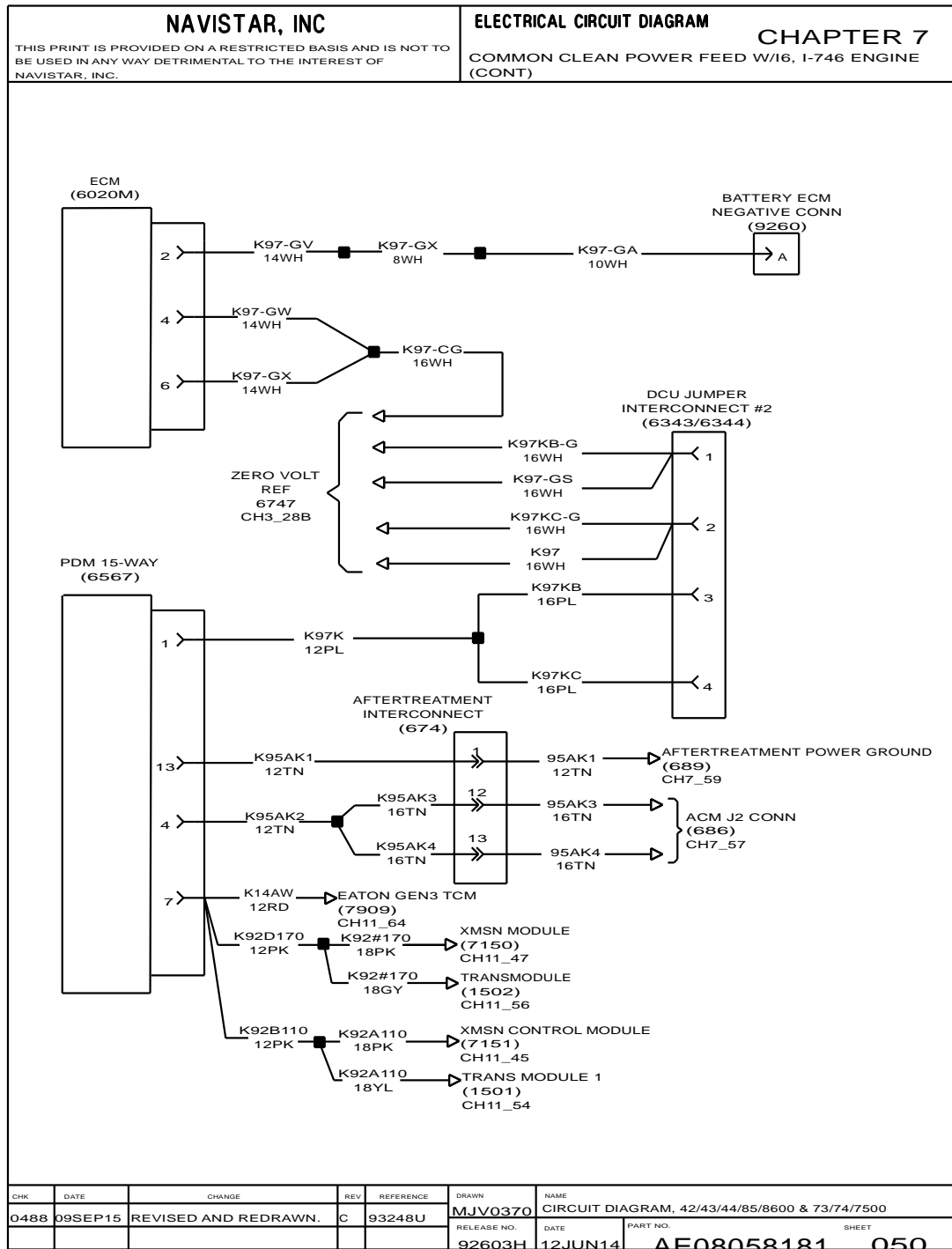


Figure 287 Common Clean Power Feed with I6, I-746 Engine (Cont.)

7.58. RIGHT SIDE SURGE TANK WITH I6, I-746 ENGINE, P. 51

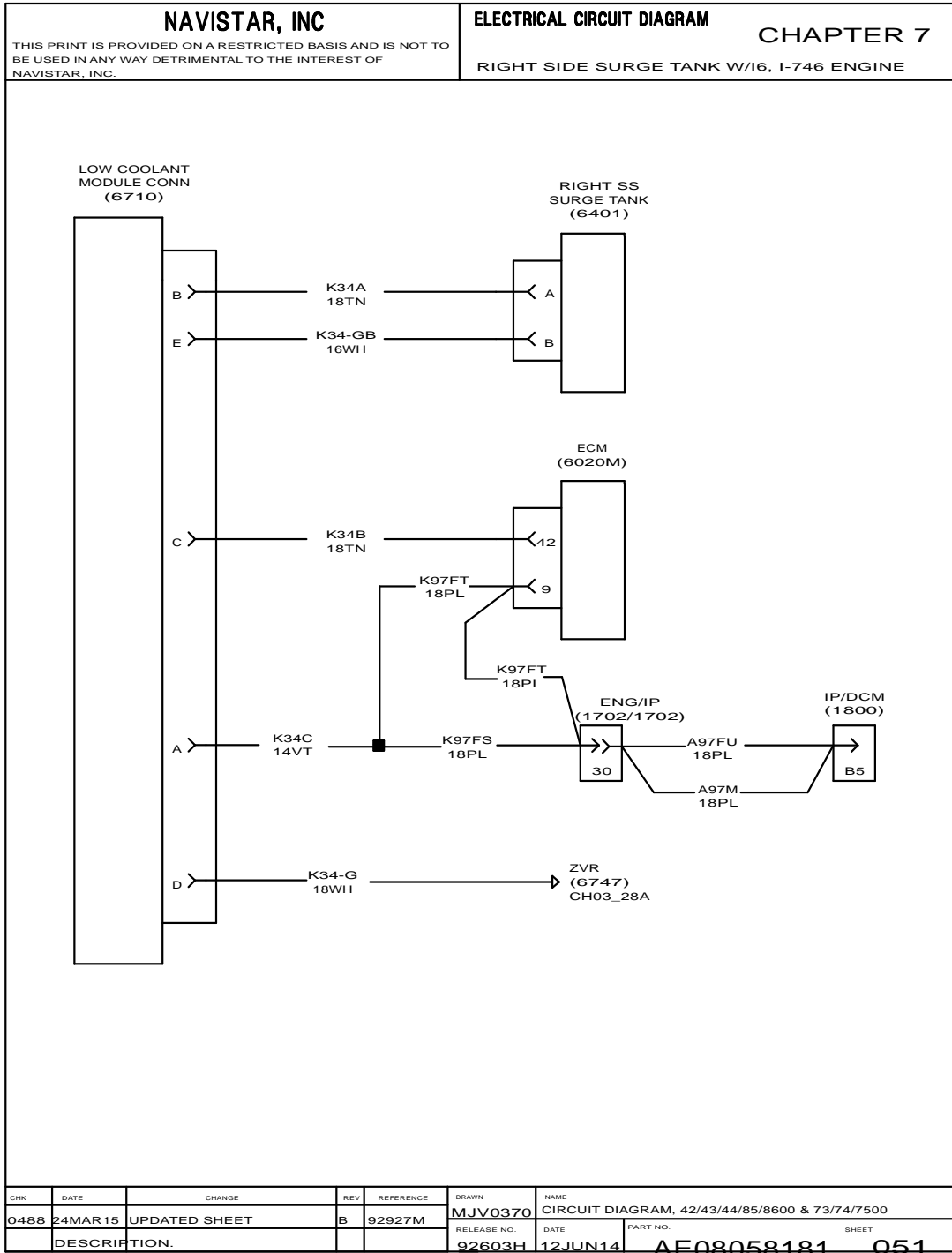


Figure 288 Right Side Surge Tank with I6, I-746 Engine

7.59. ENGINE BODY BUILDER – 12 VZA WITH I6, I-746 ENGINE, P. 52

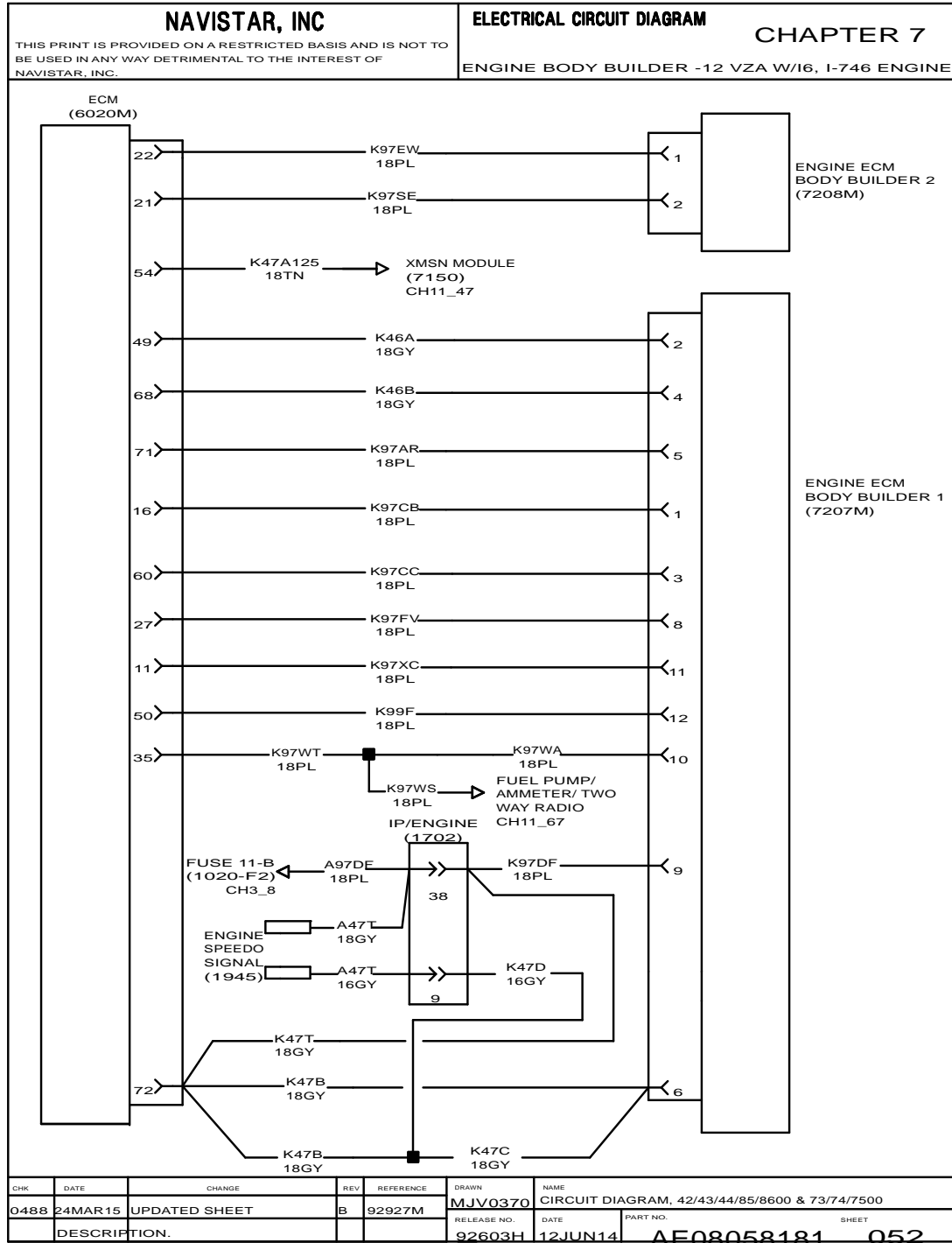


Figure 289 Engine Body Builder – 12 VZA with I6, I-746 Engine

7.60. I6, I-746 ENGINE DEF AND AFTERTREATMENT WITH SCR, P. 53

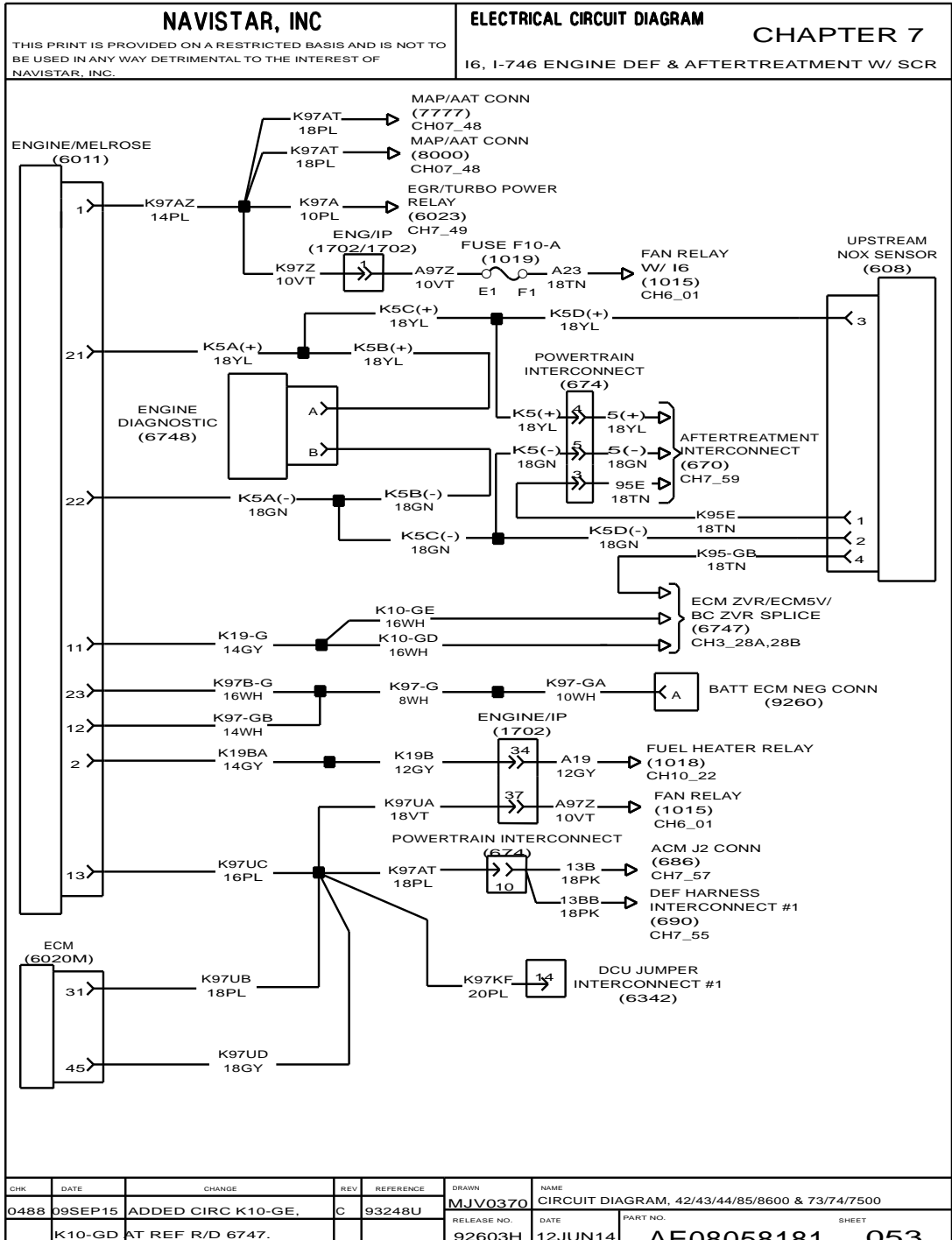


Figure 290 I6, I-746 Engine DEF and Aftertreatment with SCR

7.61. I6, I-746 ENGINE DEF AND AFTERTREATMENT, P. 54

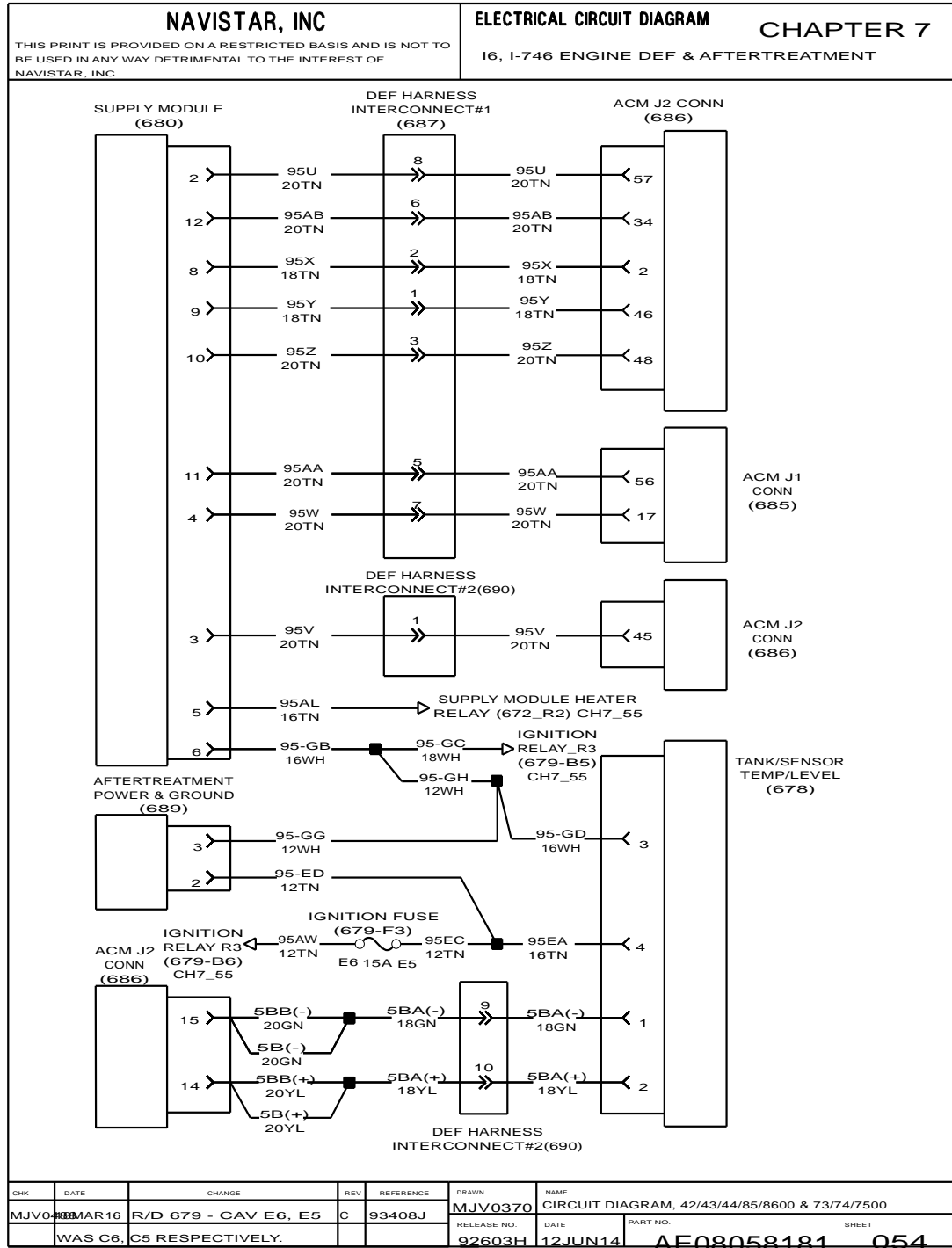


Figure 291 I6, I-746 Engine DEF and Aftertreatment

7.62. I6, I-746 ENGINE DEF AND AFTERTREATMENT (CONT.), P. 55

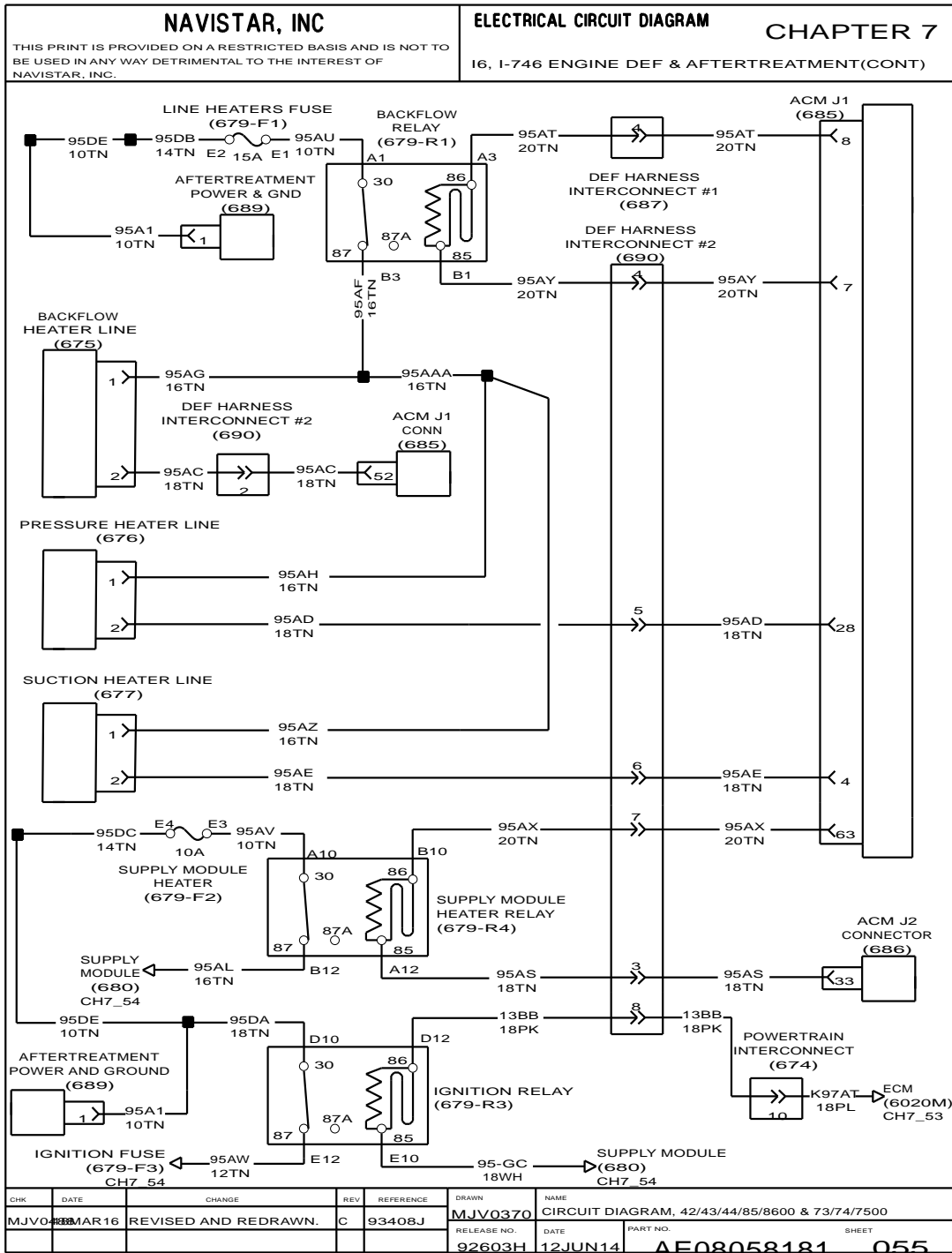


Figure 292 I6, I-746 Engine DEF and Aftertreatment (Cont.)

7.63. PDM PRODUCT GRAPHICS WITH 2010 SCR I6 ENGINE, P. 55A

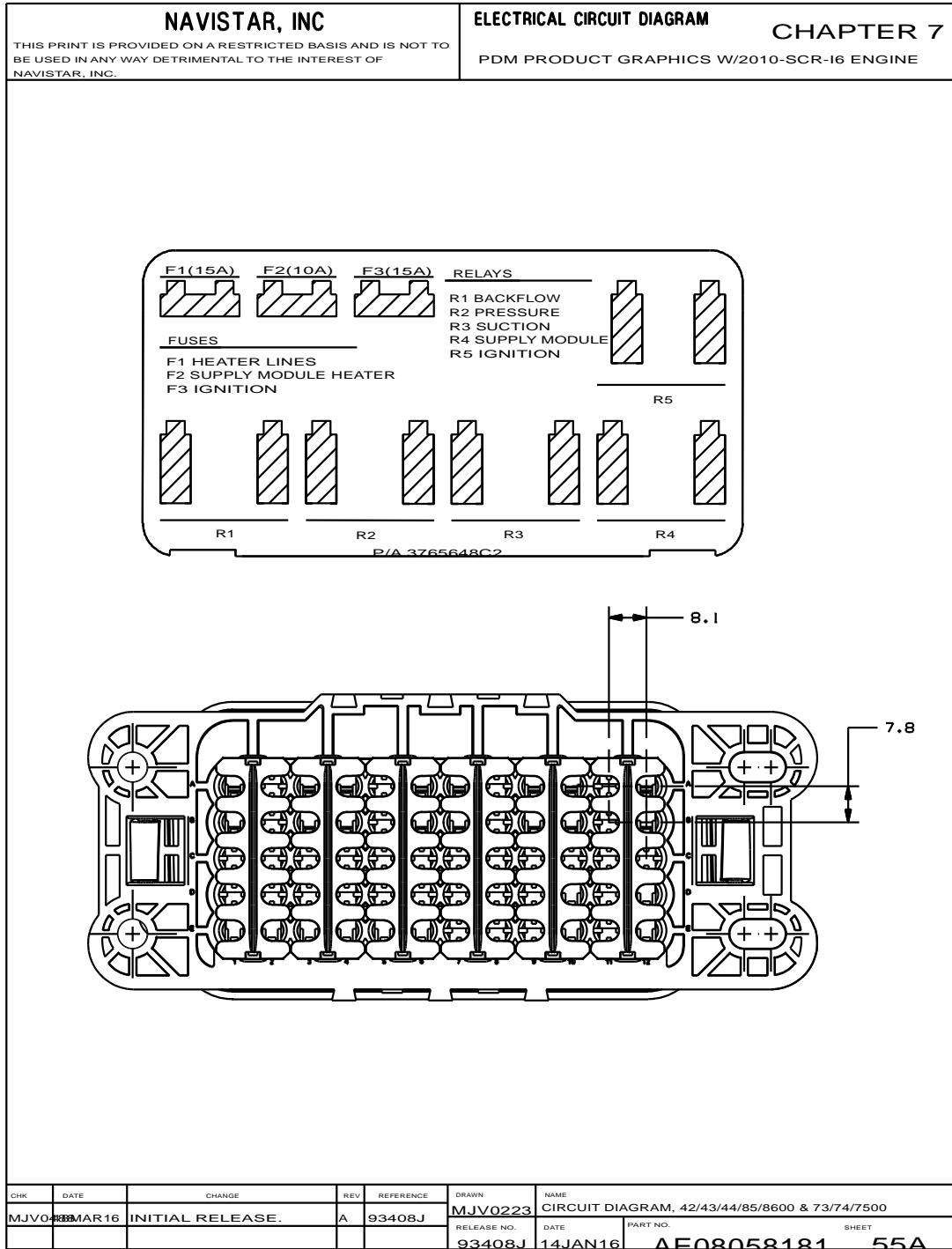


Figure 293 PDM Product Graphics with 2010 SCR I6 Engine

7.64. I6, I-746 ENGINE DEF AND AFTERTREATMENT (CONT.), P. 56

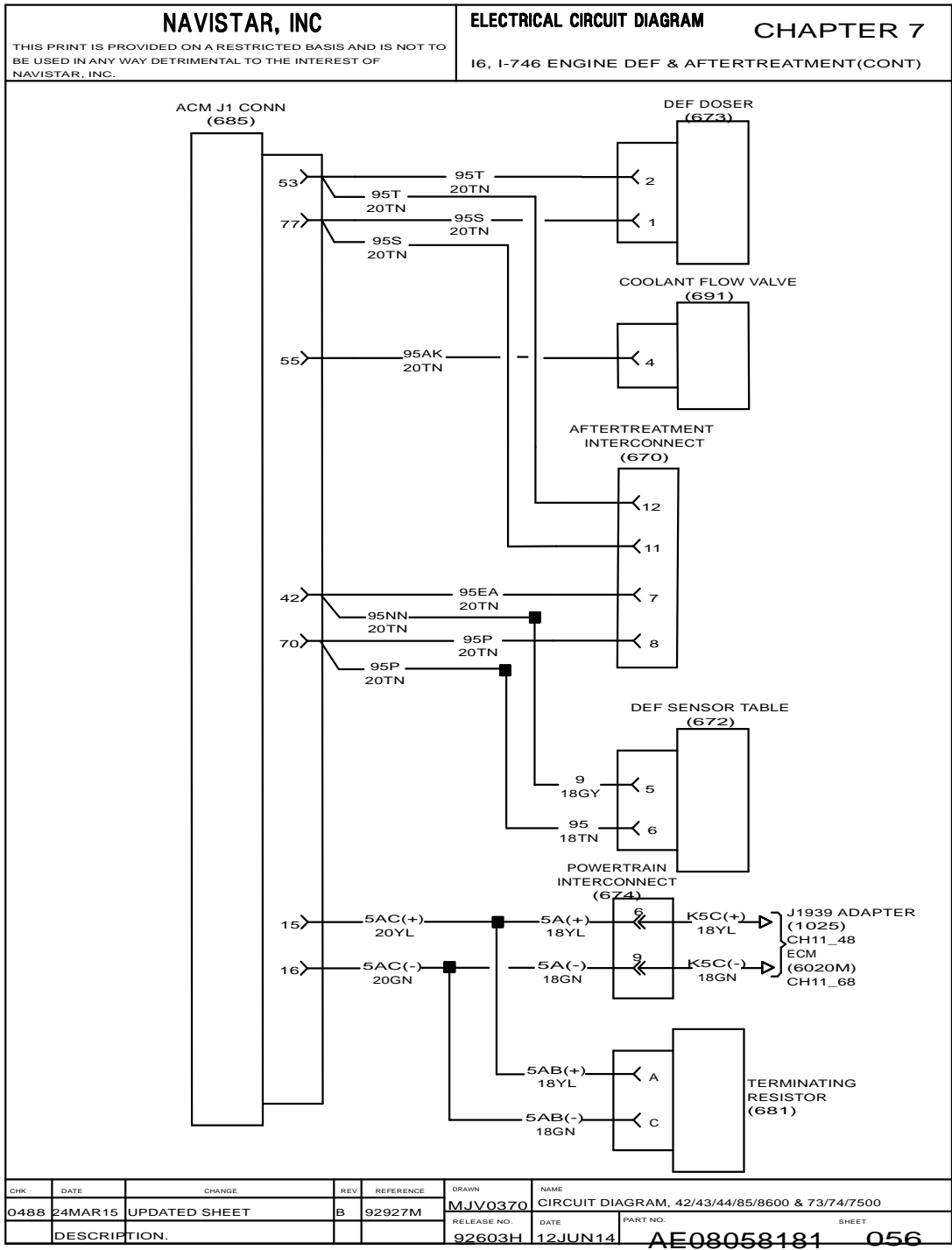


Figure 294 I6, I-746 Engine DEF and Aftertreatment (Cont.)

7.65. I6, I-746 ENGINE DEF AND AFTERTREATMENT (CONT.), P. 57

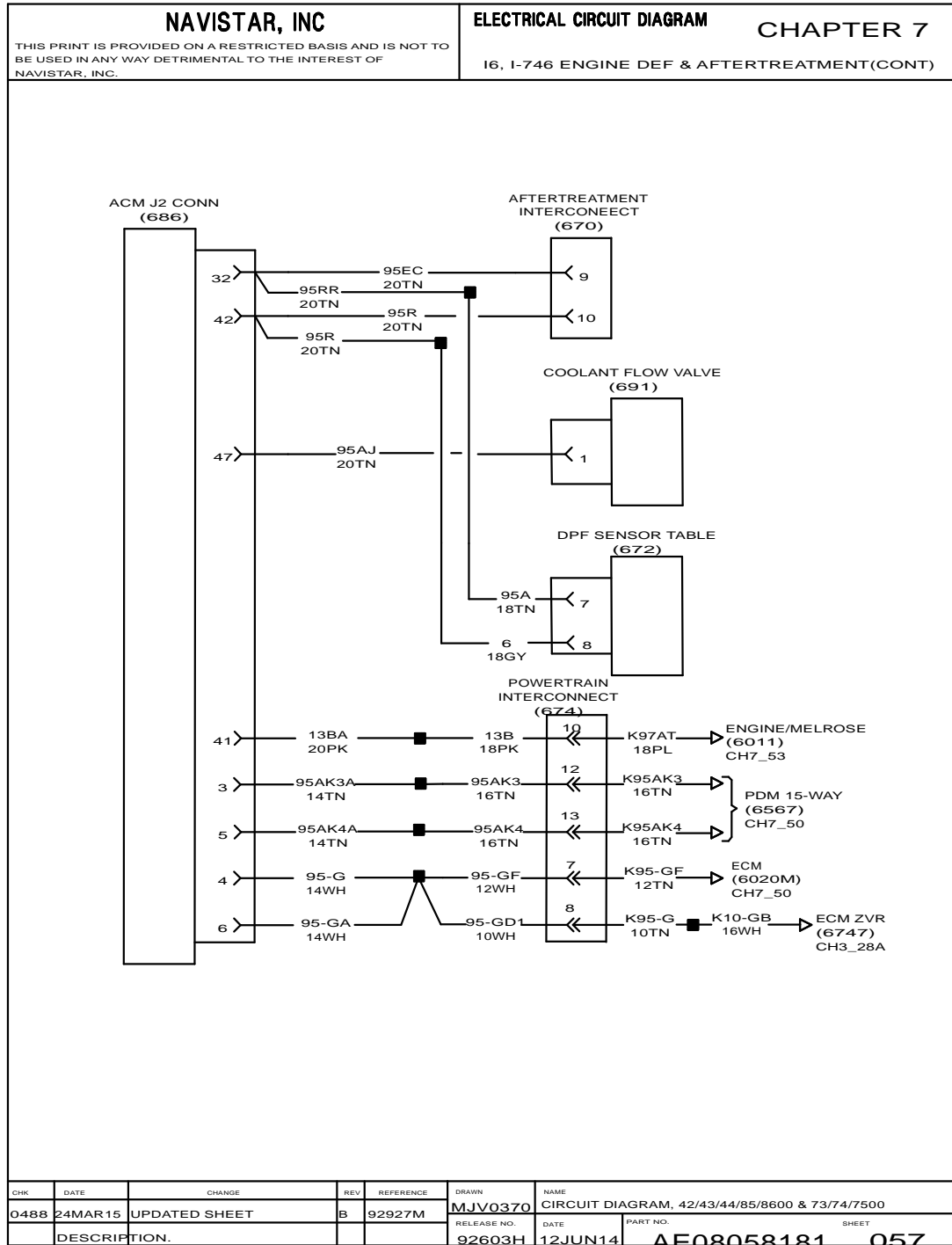


Figure 295 I6, I-746 Engine DEF and Aftertreatment (Cont.)

7.66. I6, I-746 ENGINE DEF AND AFTERTREATMENT (CONT.), P. 58

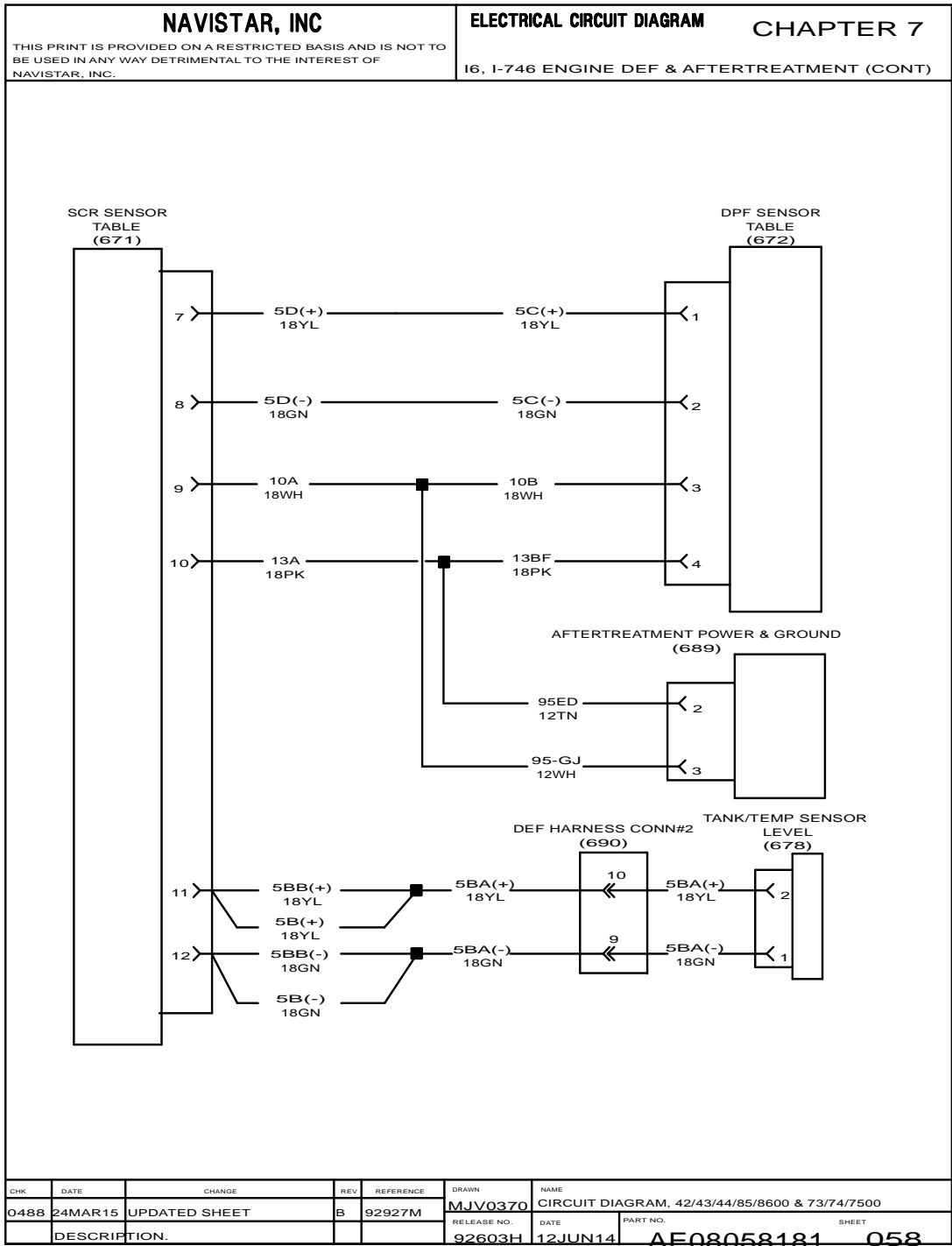


Figure 296 I6, I-746 Engine DEF and Aftertreatment (Cont.)

7.67. I6, I-746 ENGINE DEF AND AFTERTREATMENT (CONT.), P. 59

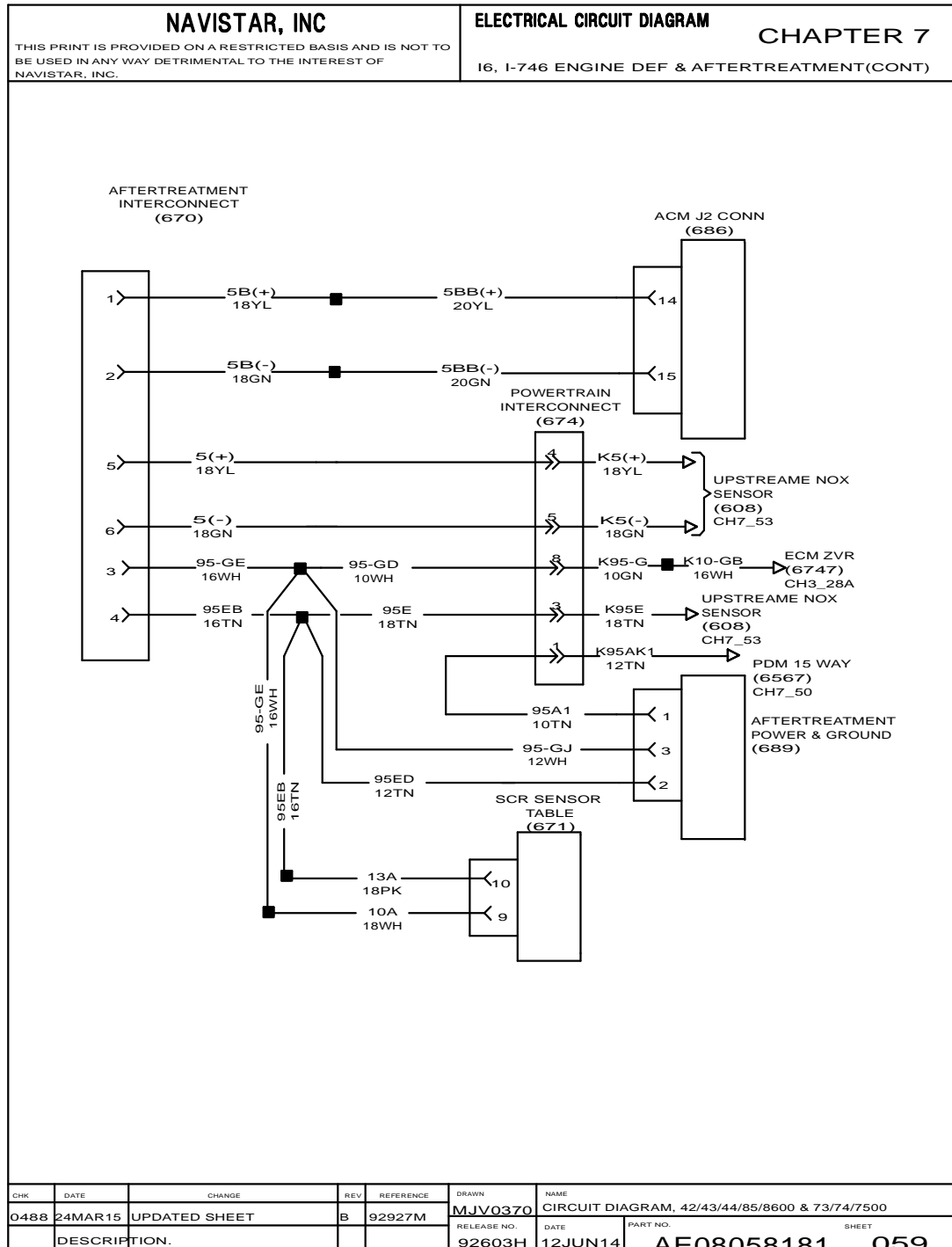


Figure 297 I6, I-746 Engine DEF and Aftertreatment (Cont.)

7.68. I6, I-746 ENGINE DEF AND AFTERTREATMENT (CONT.) P. 60

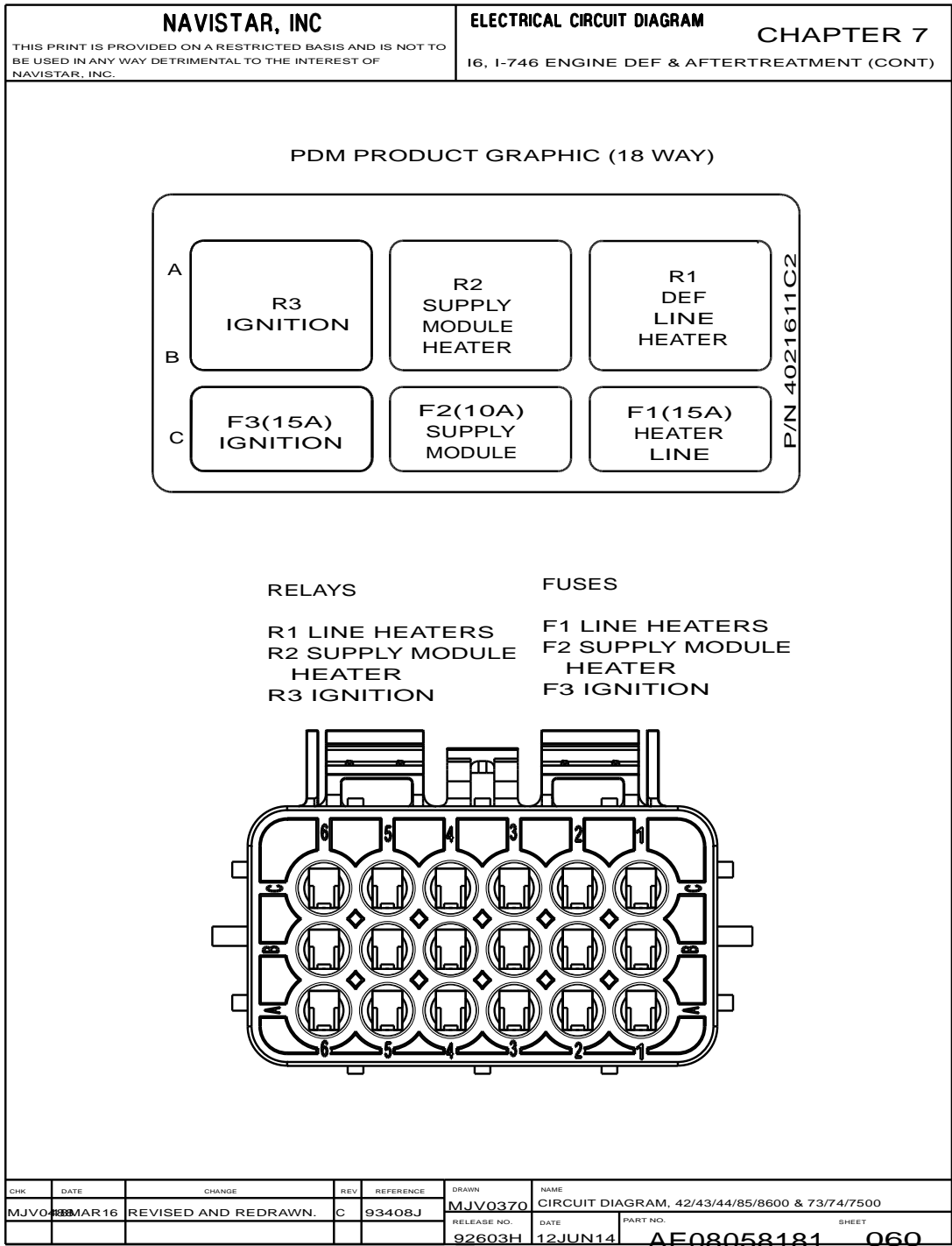


Figure 298 I6, I-746 Engine DEF and Aftertreatment (Cont.)

7.69. AAT / AMMETER / TWO-WAY RADIO WITH I6 ENGINE WITH SCR, P. 61

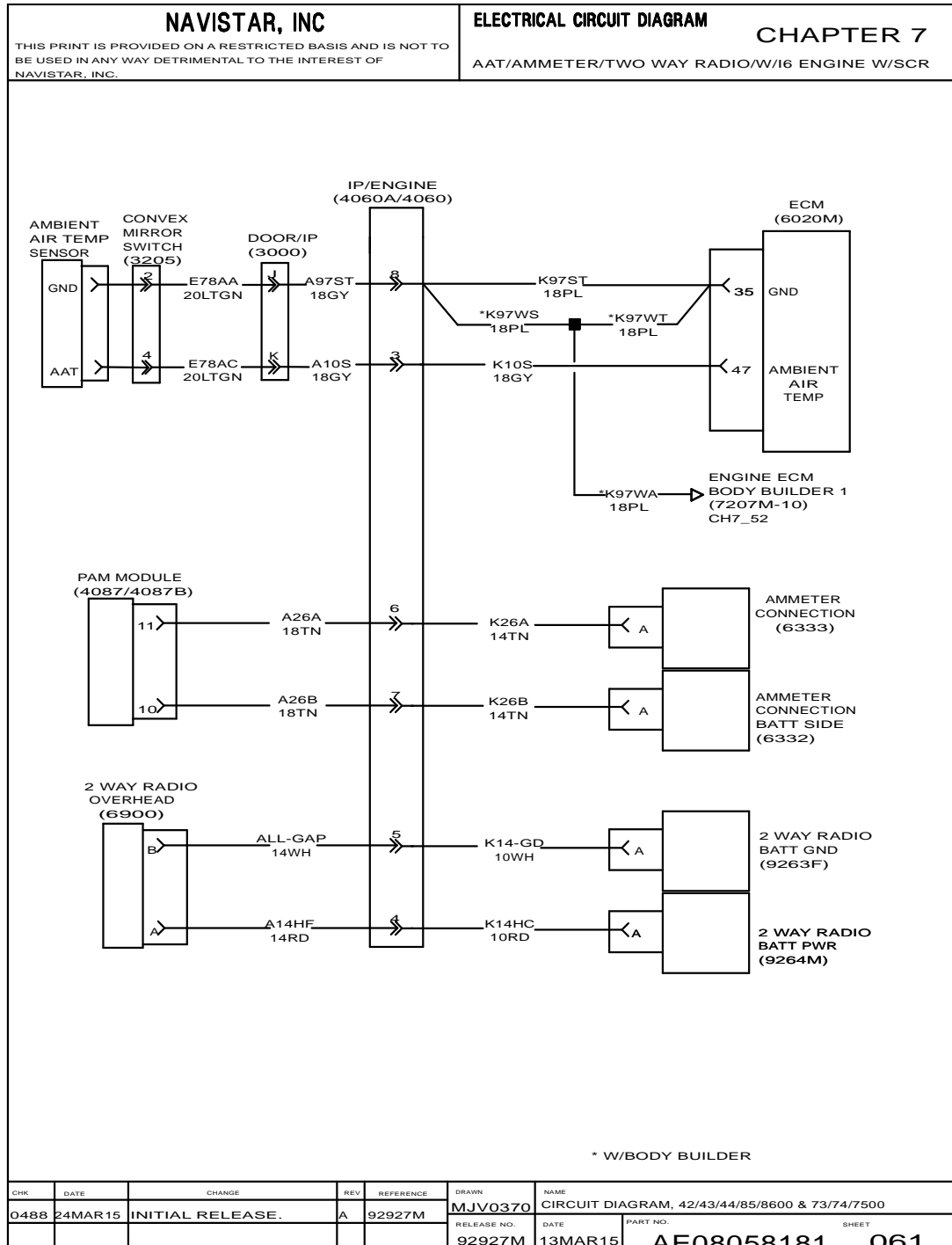


Figure 299 AAT / Ammeter / Two-Way Radio with I6 Engine with SCR

7.70. AAT / AMMETER / TWO-WAY RADIO WITH ISB ENGINE, P. 62

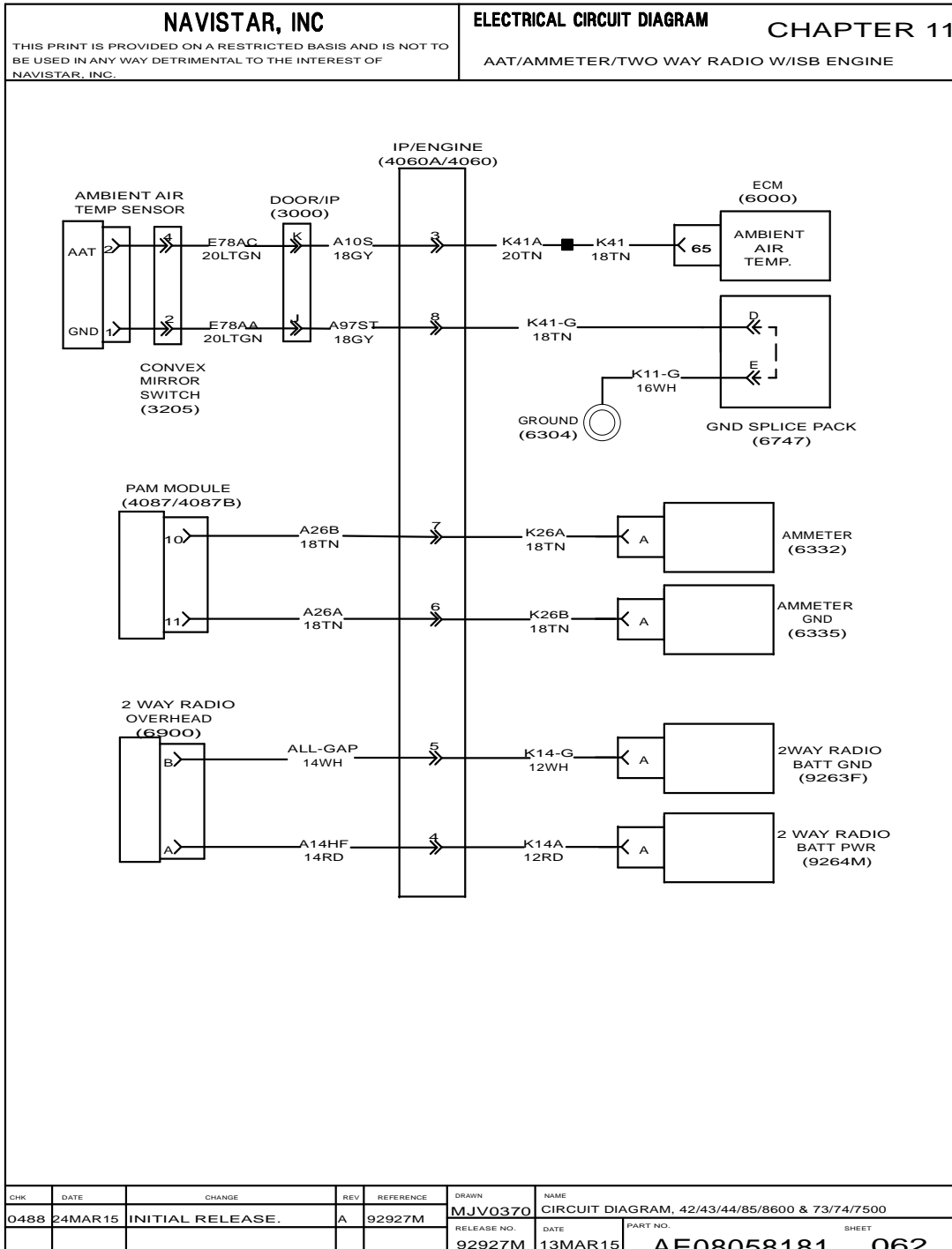


Figure 300 AAT / Ammeter / Two-Way Radio with ISB Engine

7.71. DRIVER CONTROL UNIT, P. 63

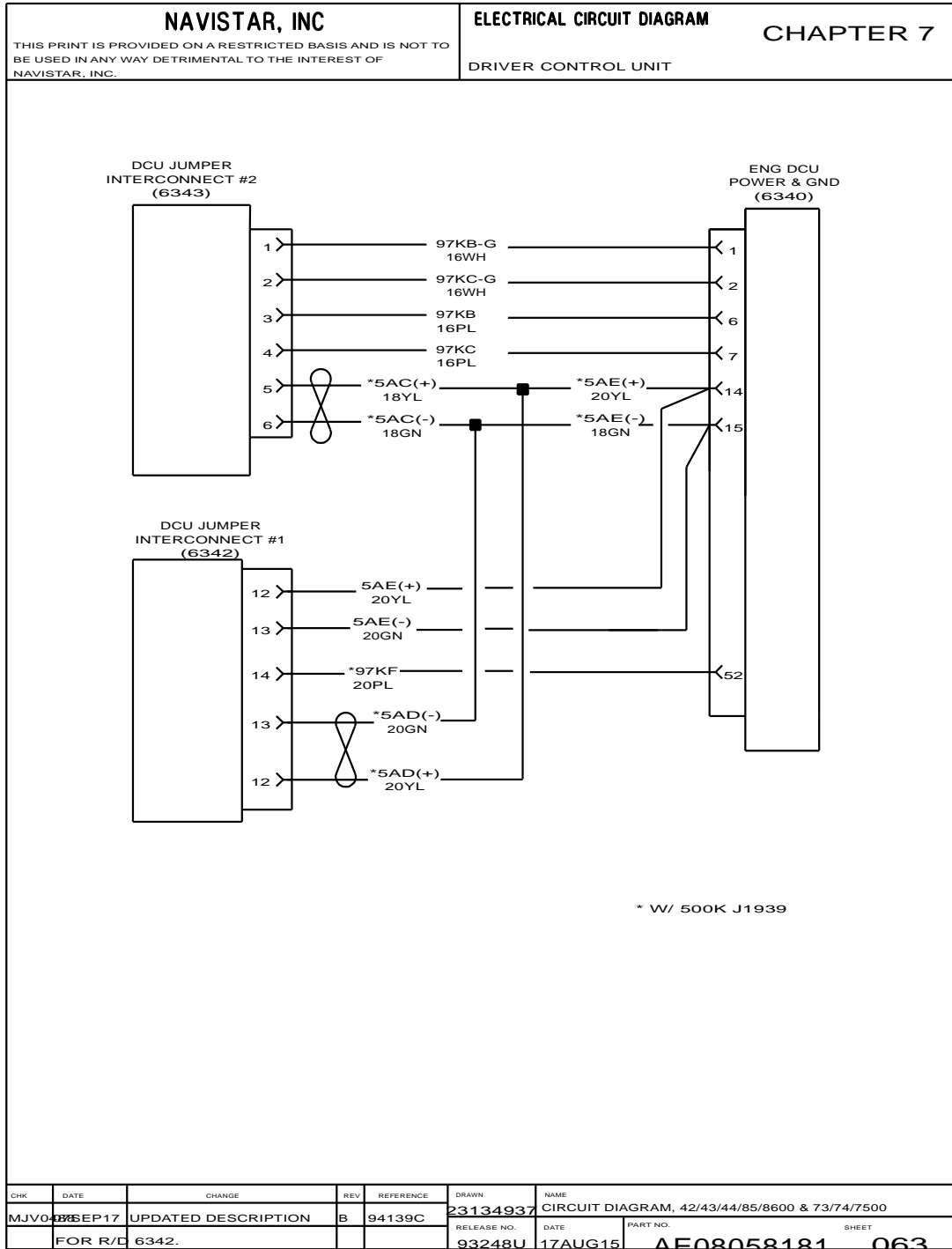


Figure 301 Driver Control Unit

7.72. DRIVER CONTROL UNIT (CONT), P. 64

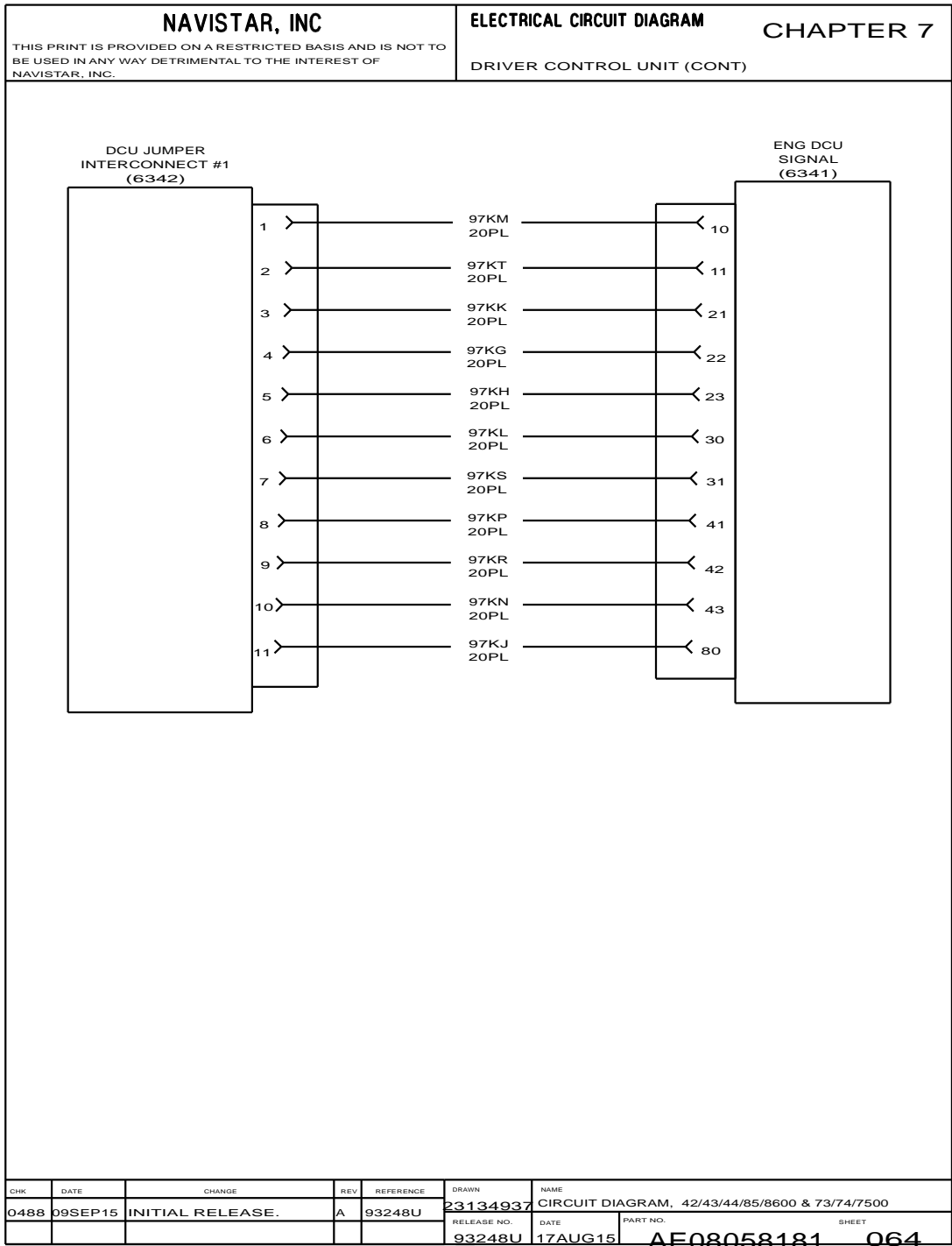


Figure 302 Driver Control Unit (Cont.)

7.73. EATON PROCISION TRANSMISSION, P. 65

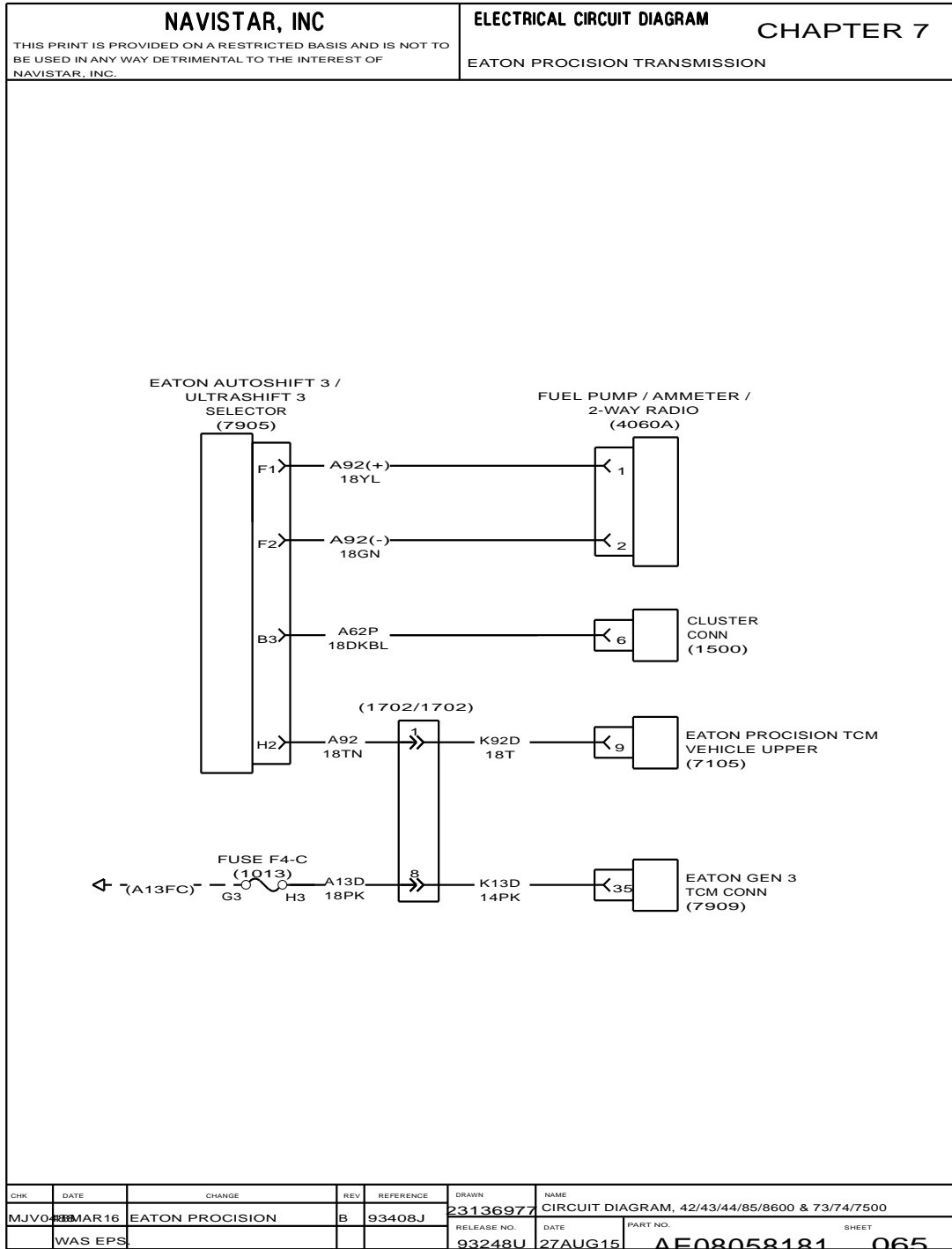


Figure 303 Eaton Procision Transmission

7.74. ELECTRONICS ENGINE CONTROL WITH F-2013 ISL ENGINE, P. 66

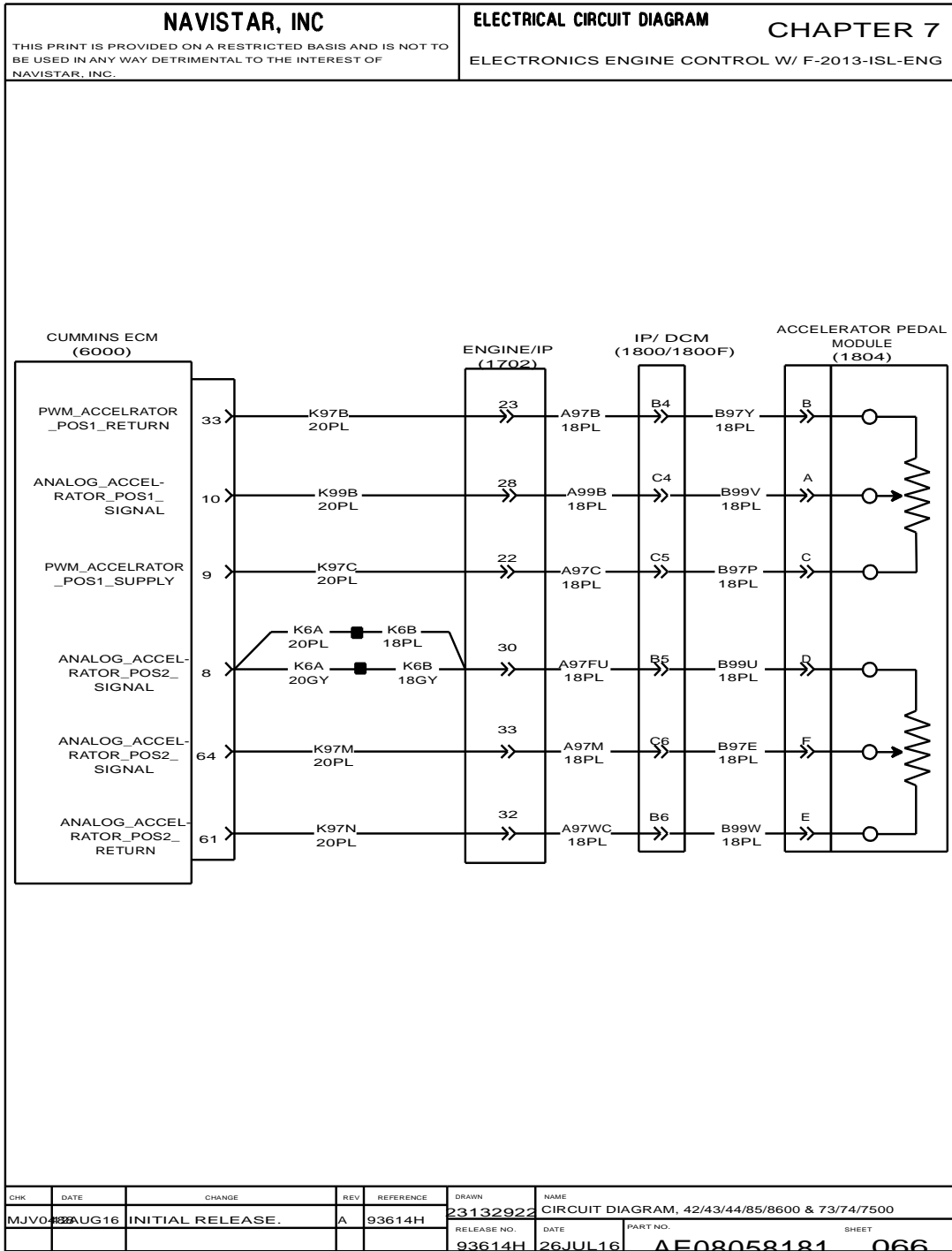


Figure 304 Electronics Engine Control with F-2013 ISL Engine

7.75. ELECTRONICS ENGINE CONTROL WITH F-2013 ISL ENGINE (CONT.), P. 67

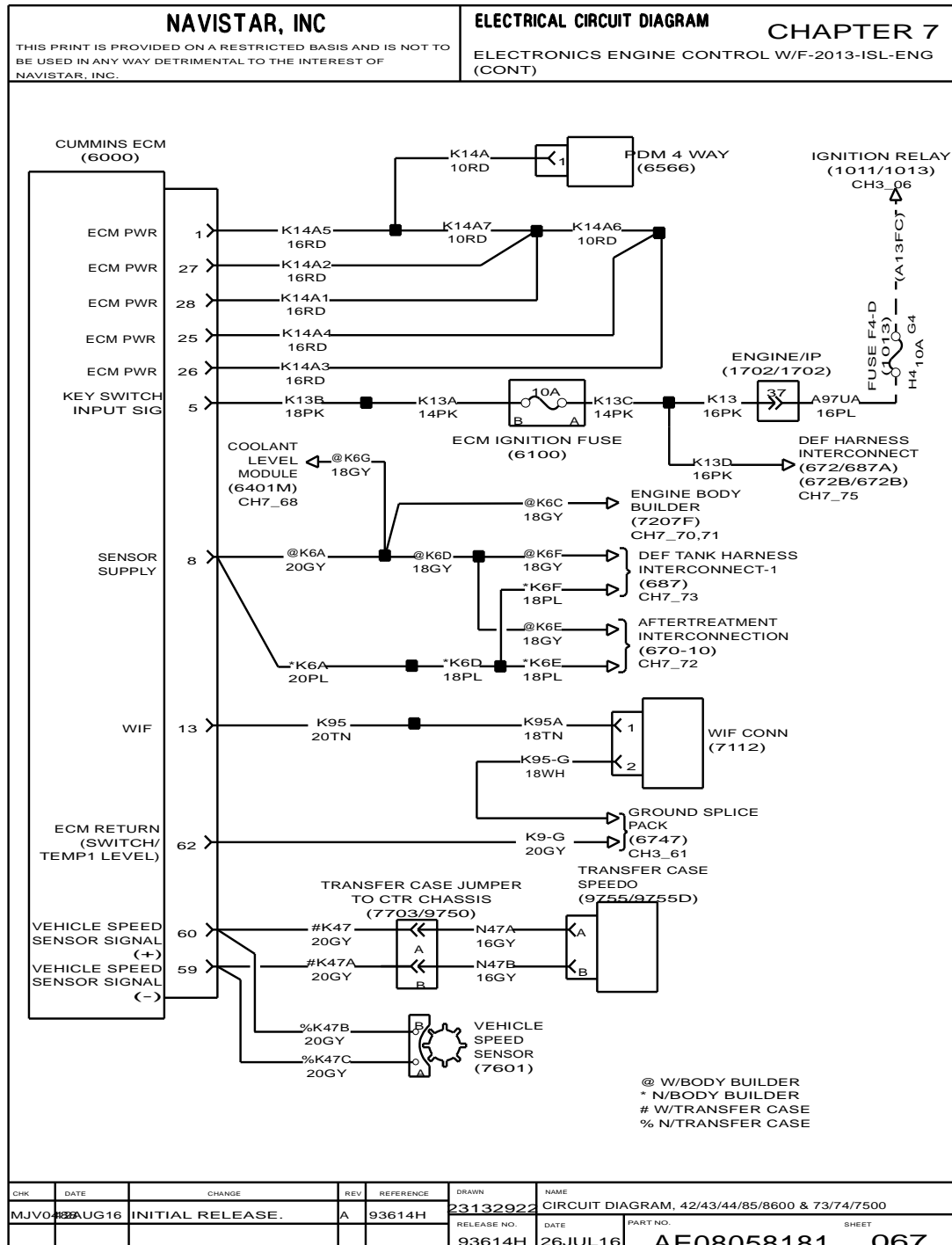


Figure 305 Electronics Engine Control with F-2013 ISL Engine (Cont.)

7.76. ELECTRONICS ENGINE CONTROL WITH F-2013 ISL ENGINE (CONT.), P. 68

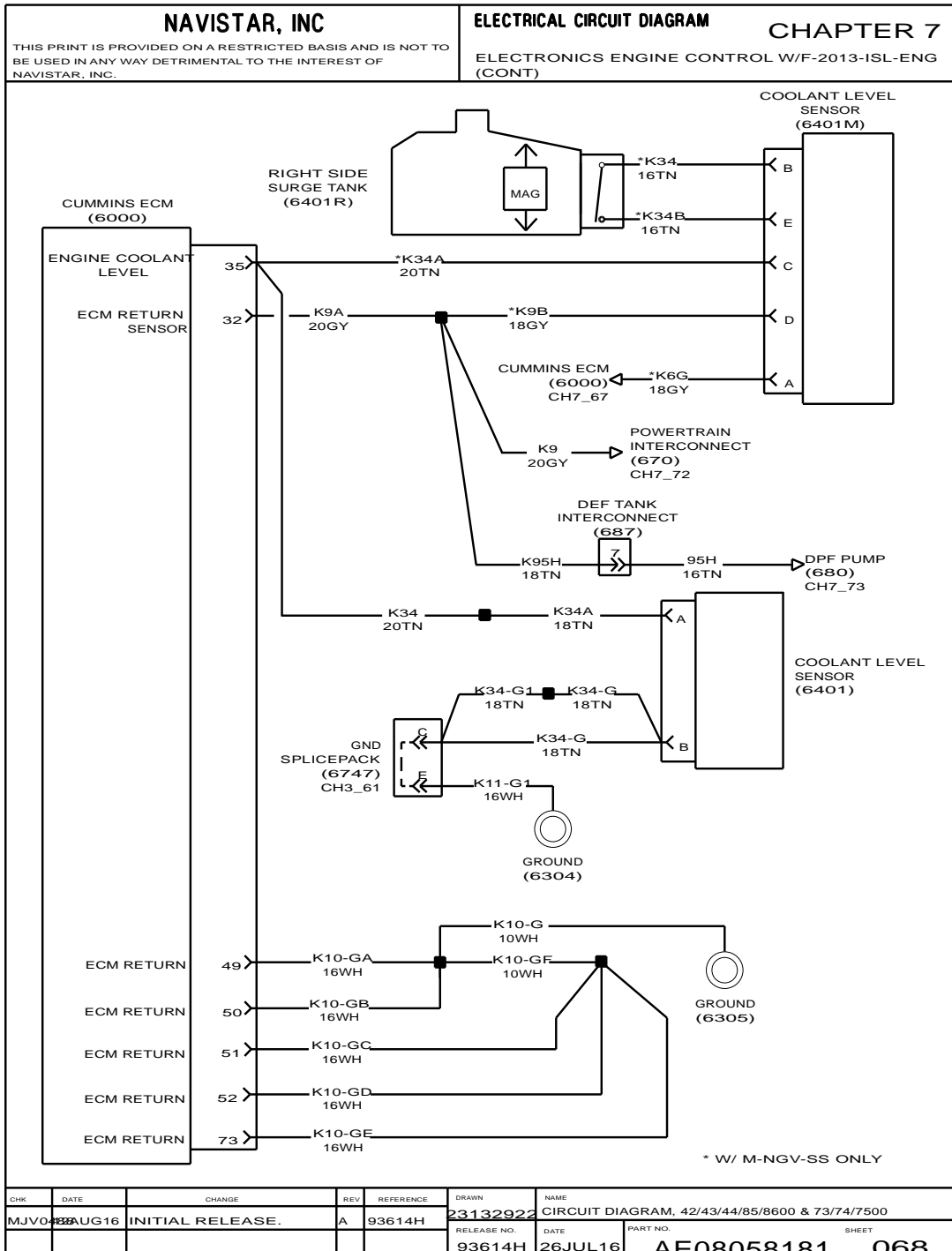


Figure 306 Electronics Engine Control with F-2013 ISL Engine (Cont.)

7.77. ELECTRONICS ENGINE CONTROL WITH F-2013 ISL ENGINE (CONT.), P. 69

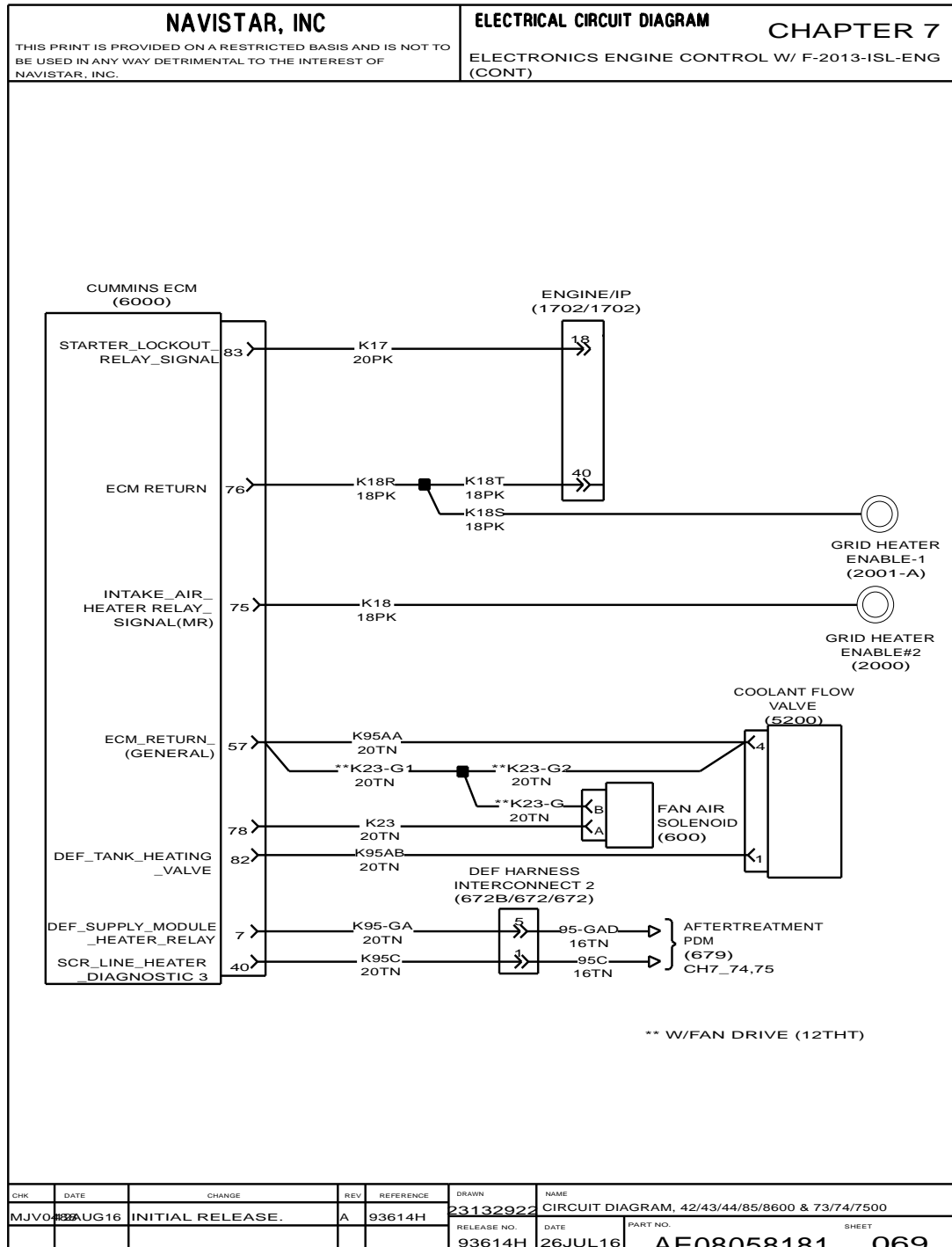


Figure 307 Electronics Engine Control with F-2013 ISL Engine (Cont.)

7.78. ENGINE BODY BUILDER WITH F-2013 ISL ENGINE WITH M-NGV-MD, P. 70

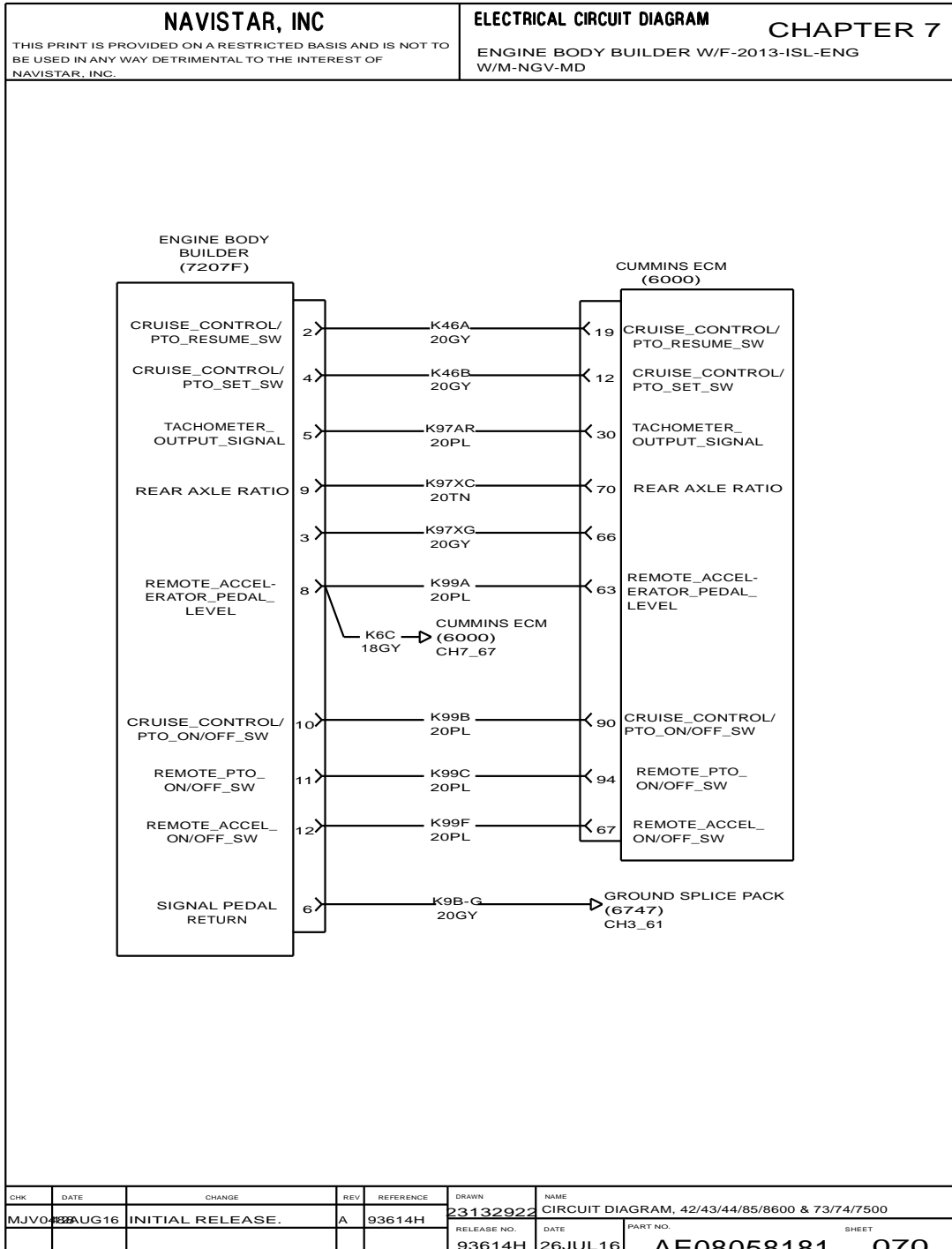


Figure 308 Engine Body Builder with F-2013 ISL Engine with M-NGV-MD

7.79. ENGINE BODY BUILDER WITH F-2013 ISL ENGINE WITH M-NGV-SS, P. 71

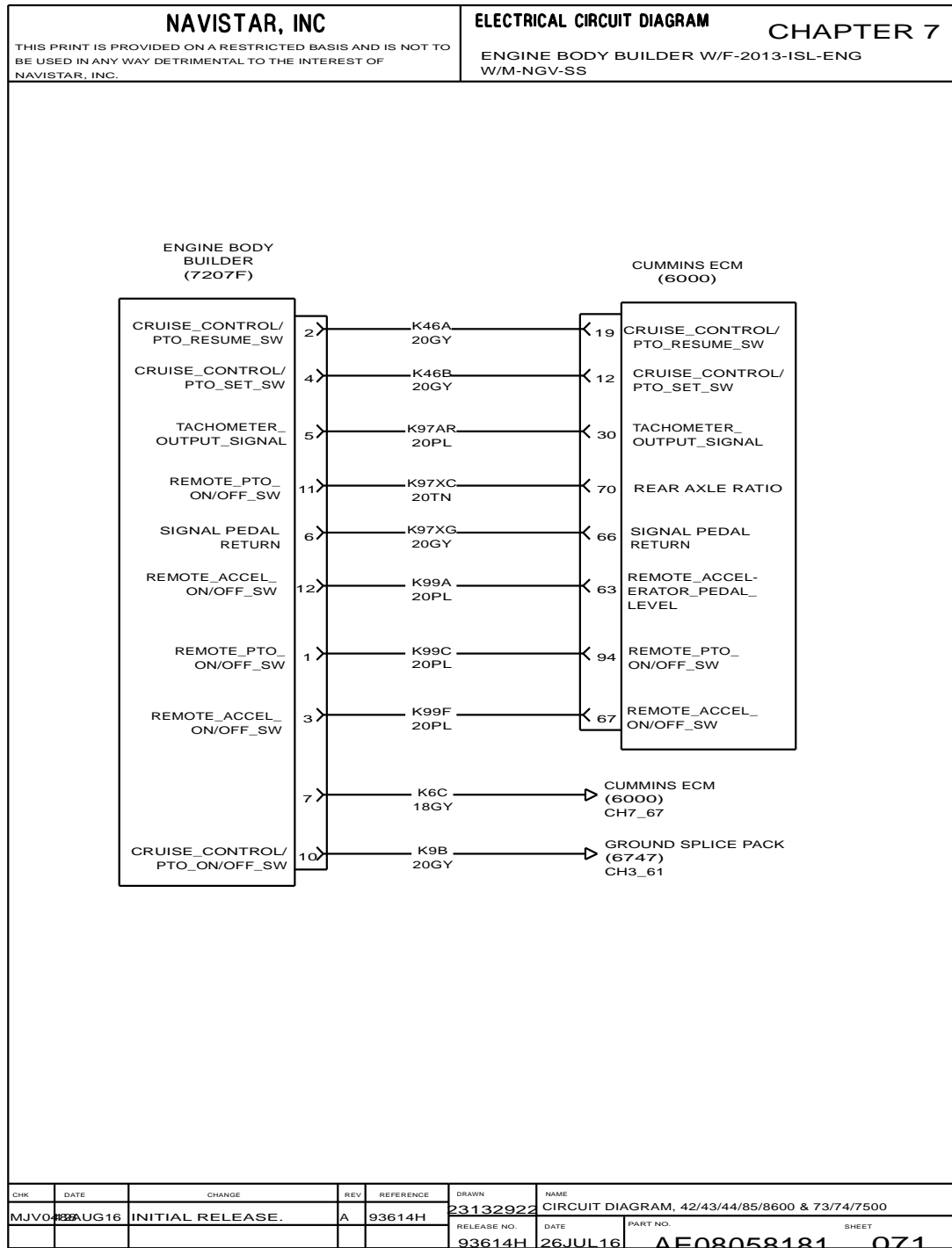


Figure 309 Engine Body Builder with F-2013 ISL Engine with M-NGV-SS

7.80. DEF AND AFTERTREATMENT CONTROL WITH F-2013 ISL ENGINE, P. 72

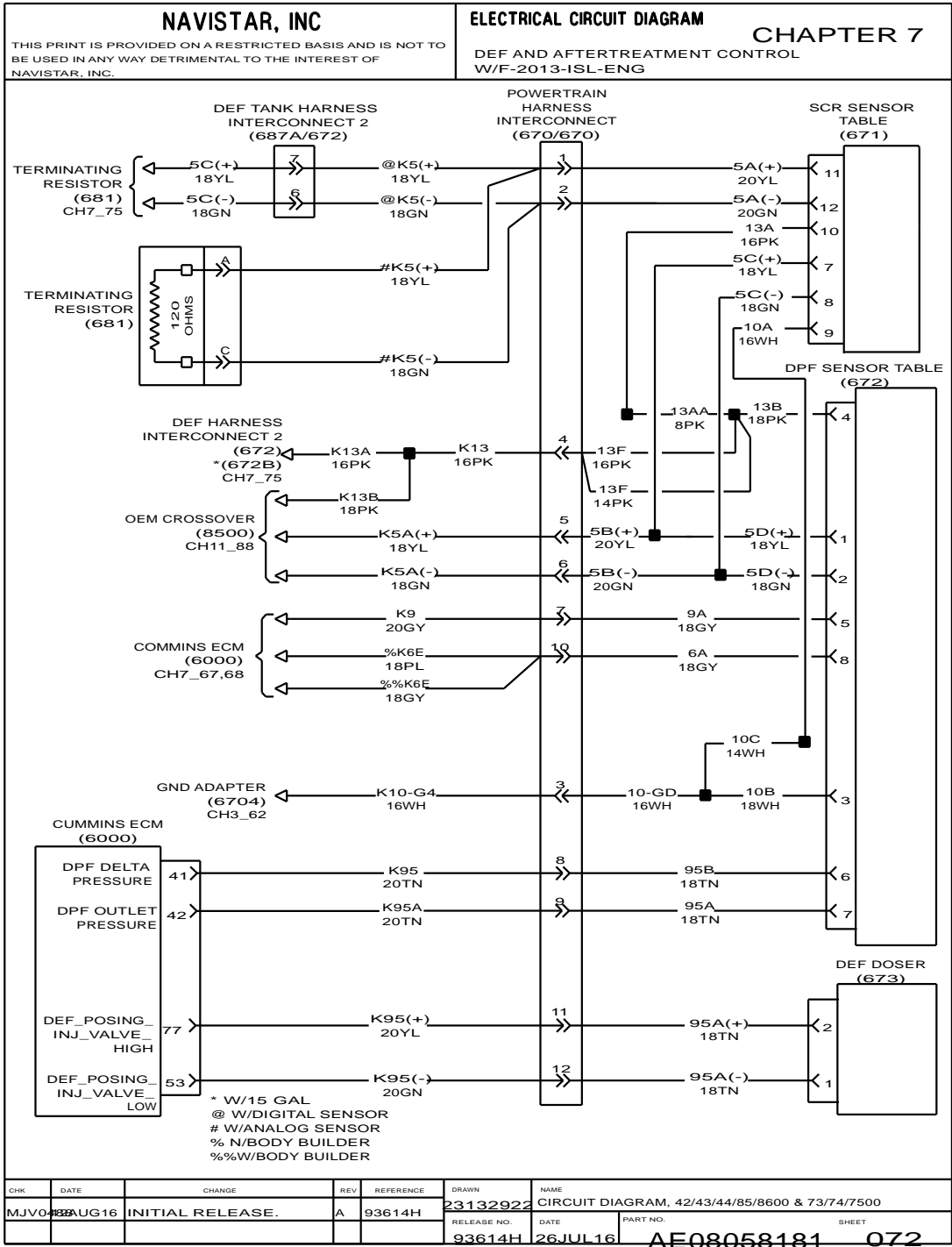


Figure 310 DEF and Aftertreatment Control with F-2013 ISL Engine

7.81. DEF AND AFTERTREATMENT CONTROL WITH F-2013 ISL ENGINE (CONT.), P. 73

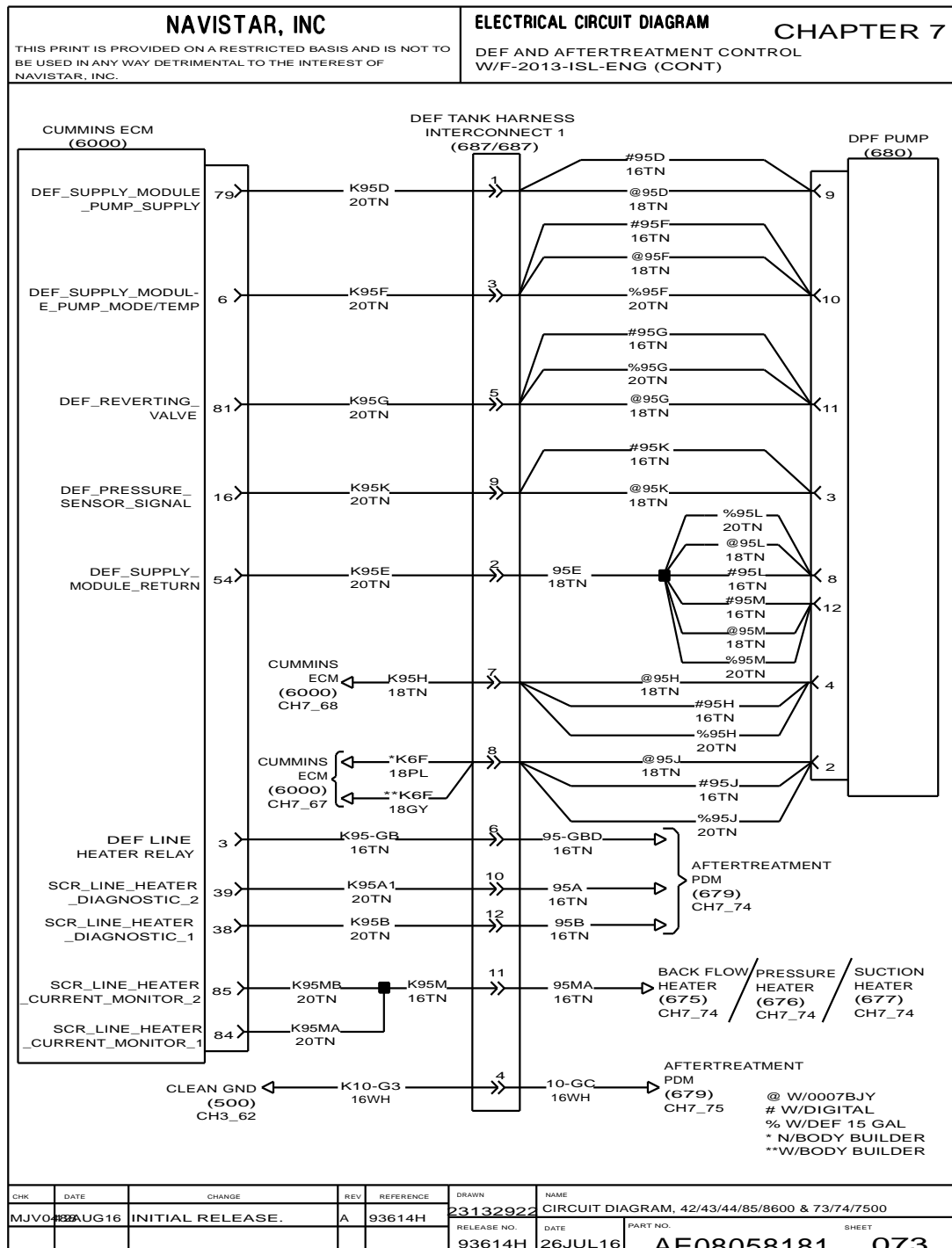


Figure 311 DEF and Aftertreatment Control with F-2013 ISL Engine (Cont.)

7.82. DEF AND AFTERTREATMENT CONTROL WITH F-2013 ISL ENGINE (CONT.), P. 74

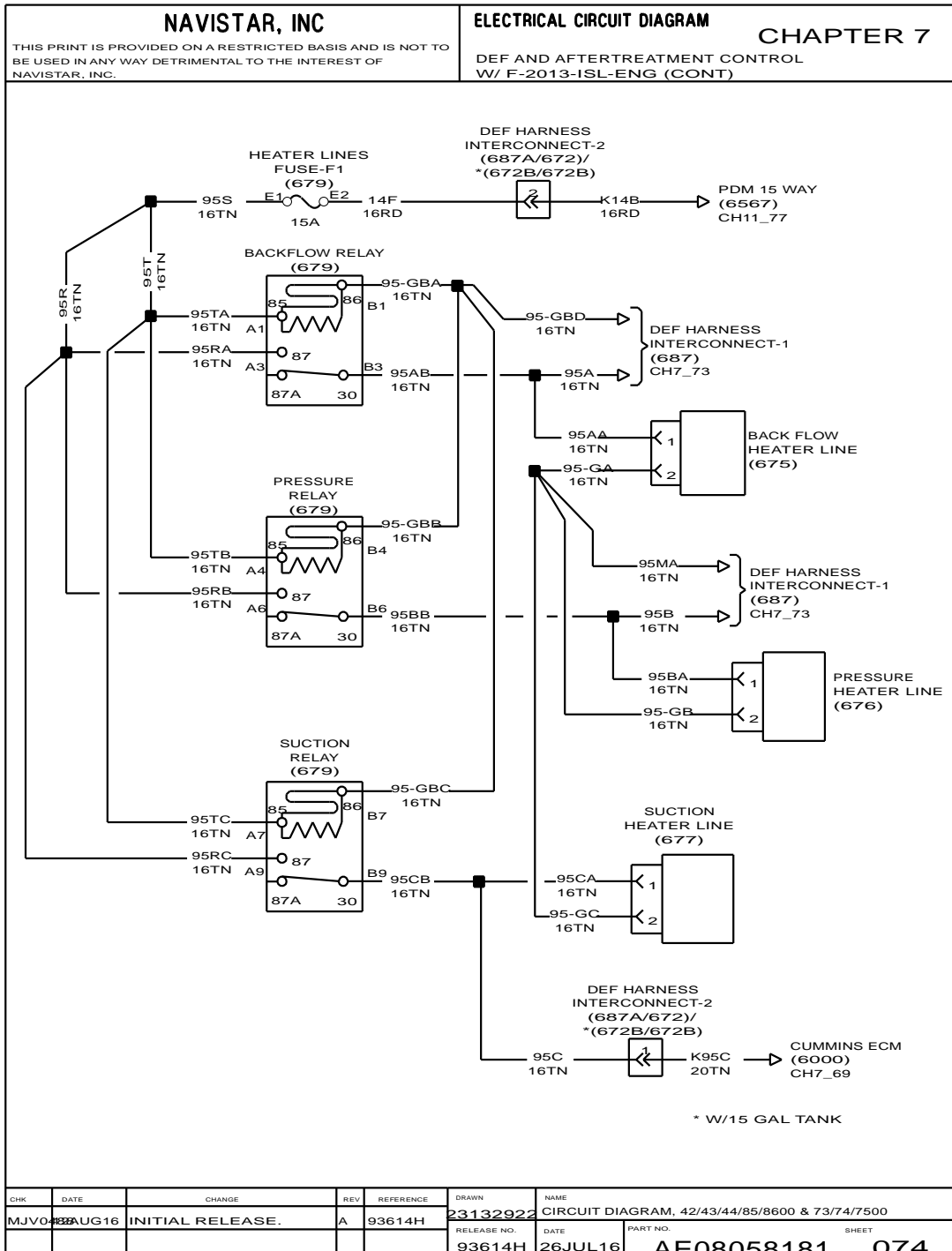


Figure 312 DEF and Aftertreatment Control with F-2013 ISL Engine (Cont.)

7.83. DEF AND AFTERTREATMENT CONTROL WITH F-2013 ISL ENGINE (CONT.), P. 75

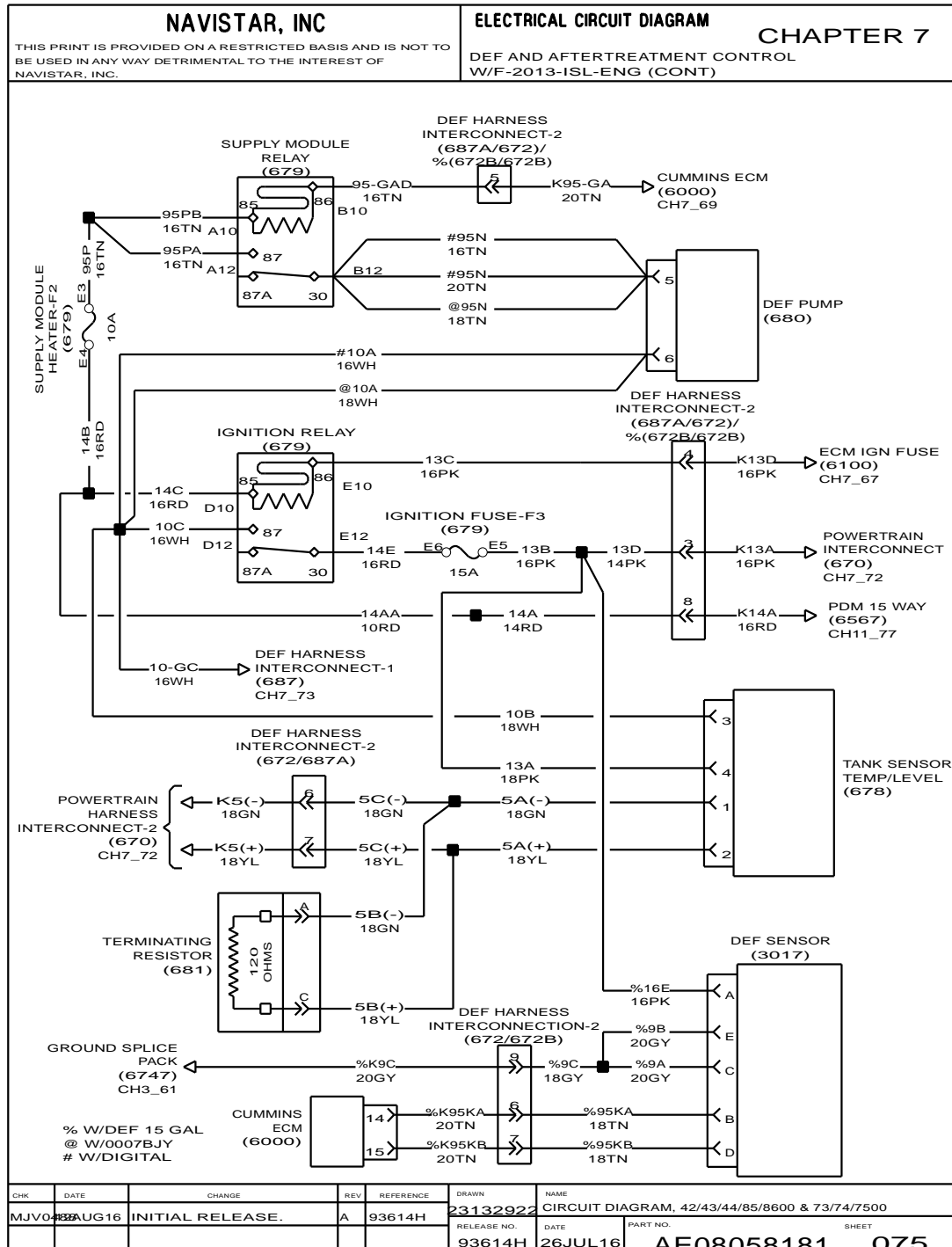


Figure 313 DEF and Aftertreatment Control with F-2013 ISL Engine (Cont.)

7.84. PDM PRODUCT GRAPHICS WITH F-2013 ISL ENGINE, P. 76

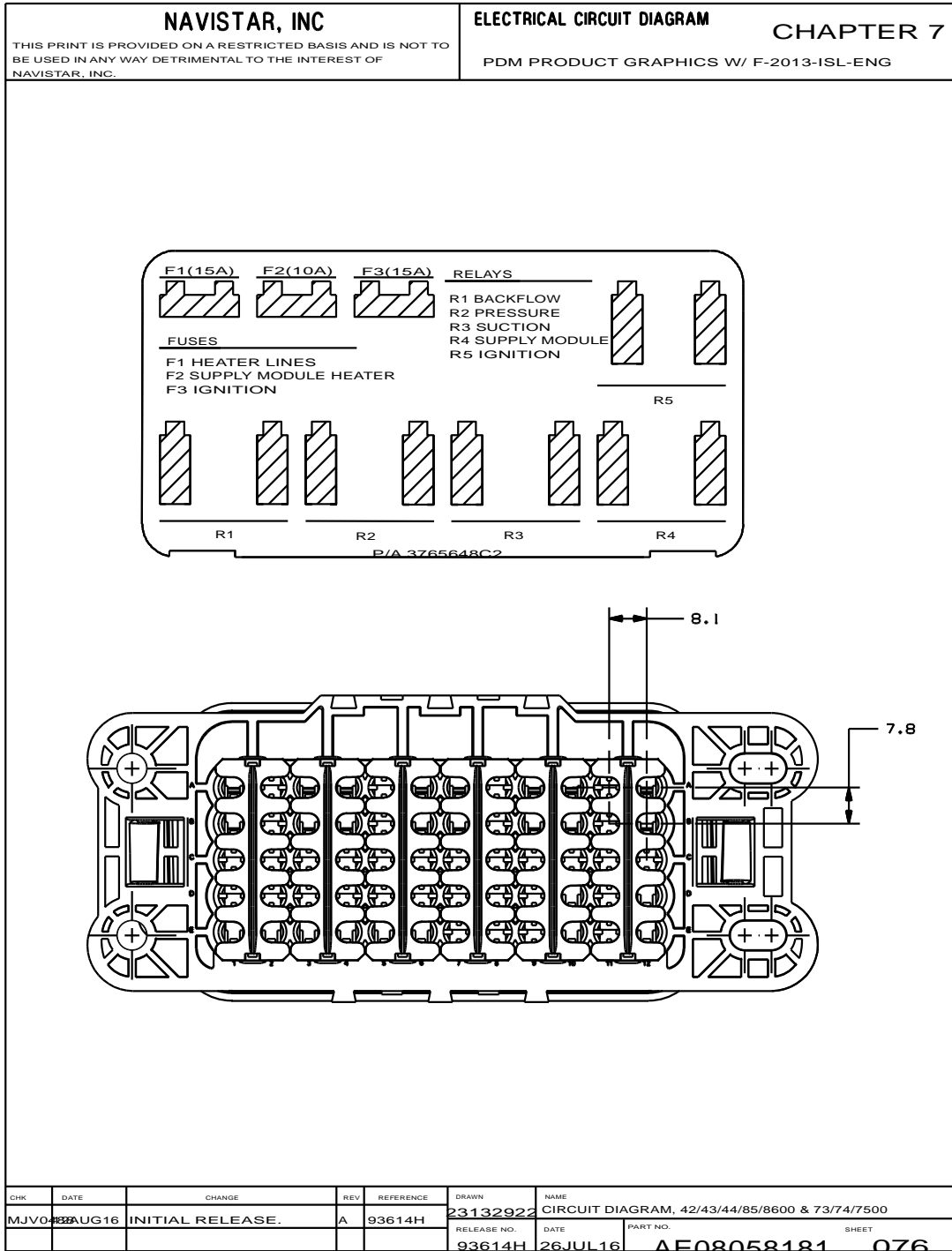


Figure 314 PDM Product Graphics with F-2013 ISL Engine

7.85. POWER DISTRIBUTION MODULE WITH F-2013 ISL ENGINE, P. 77

Figure 315 Power Distribution Module with F-2013 ISL Engine

7.86. SURGE TANK WITH F-2013 ISL ENGINE, P. 78

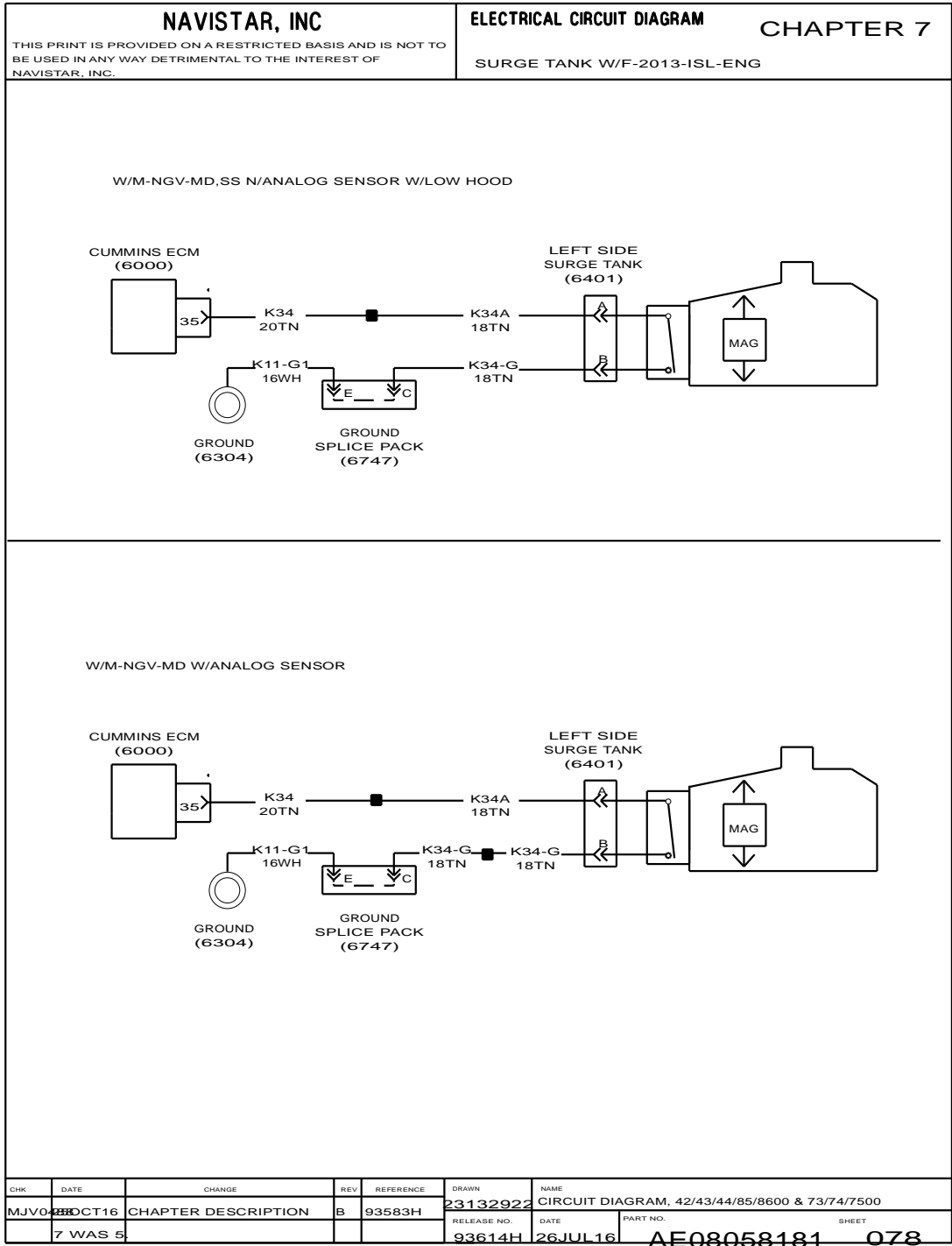


Figure 316 Surge Tank with F-2013 ISL Engine

7.87. AAT / AMMETER / TWO-WAY RADIO WITH F-2013 ISL ENGINE, P. 79

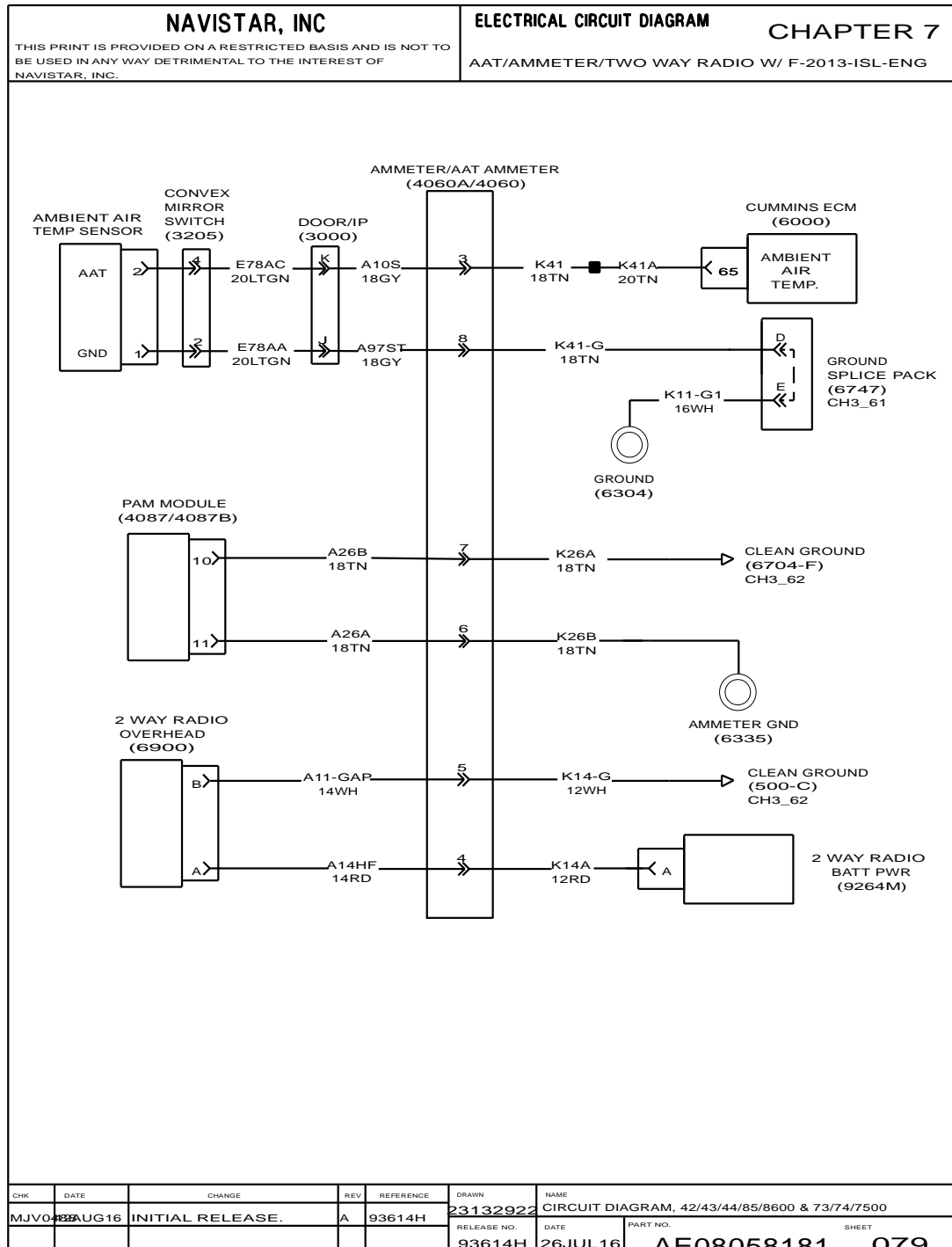


Figure 317 AAT / Ammeter / Two-Way Radio with F-2013 ISL Engine

7.88. ELECTRONICS ENGINE CONTROL WITH F-2017-ISB ENGINE, P. 80

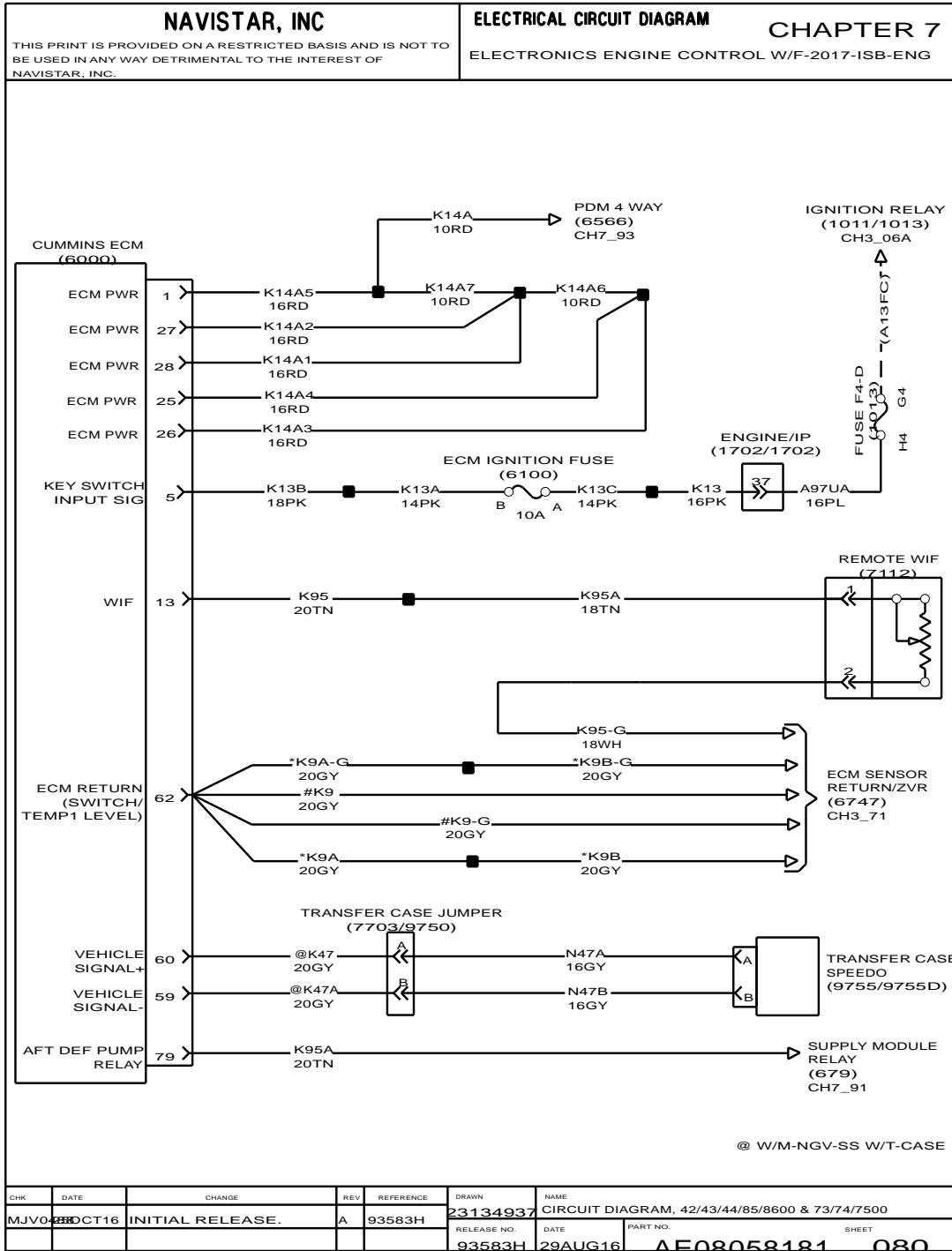


Figure 318 Electronics Engine Control with F-2017-ISB Engine

7.89. ELECTRONICS ENGINE CONTROL WITH F-2017-ISB ENGINE (CONT.), P. 81

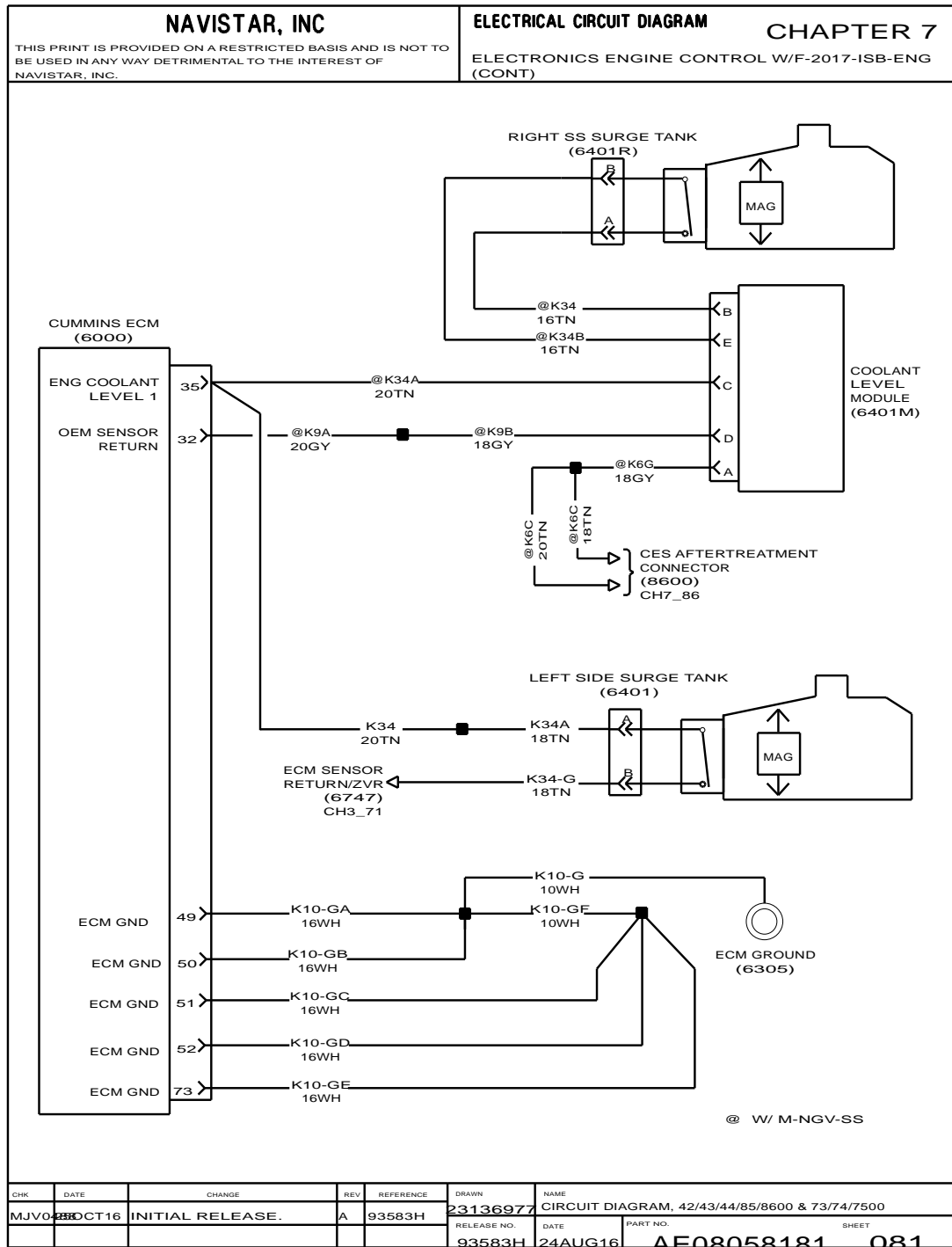


Figure 319 Electronics Engine Control with F-2017-ISB Engine (Cont.)

7.90. ELECTRONICS ENGINE CONTROL WITH F-2017-ISB ENGINE (CONT.), P. 82

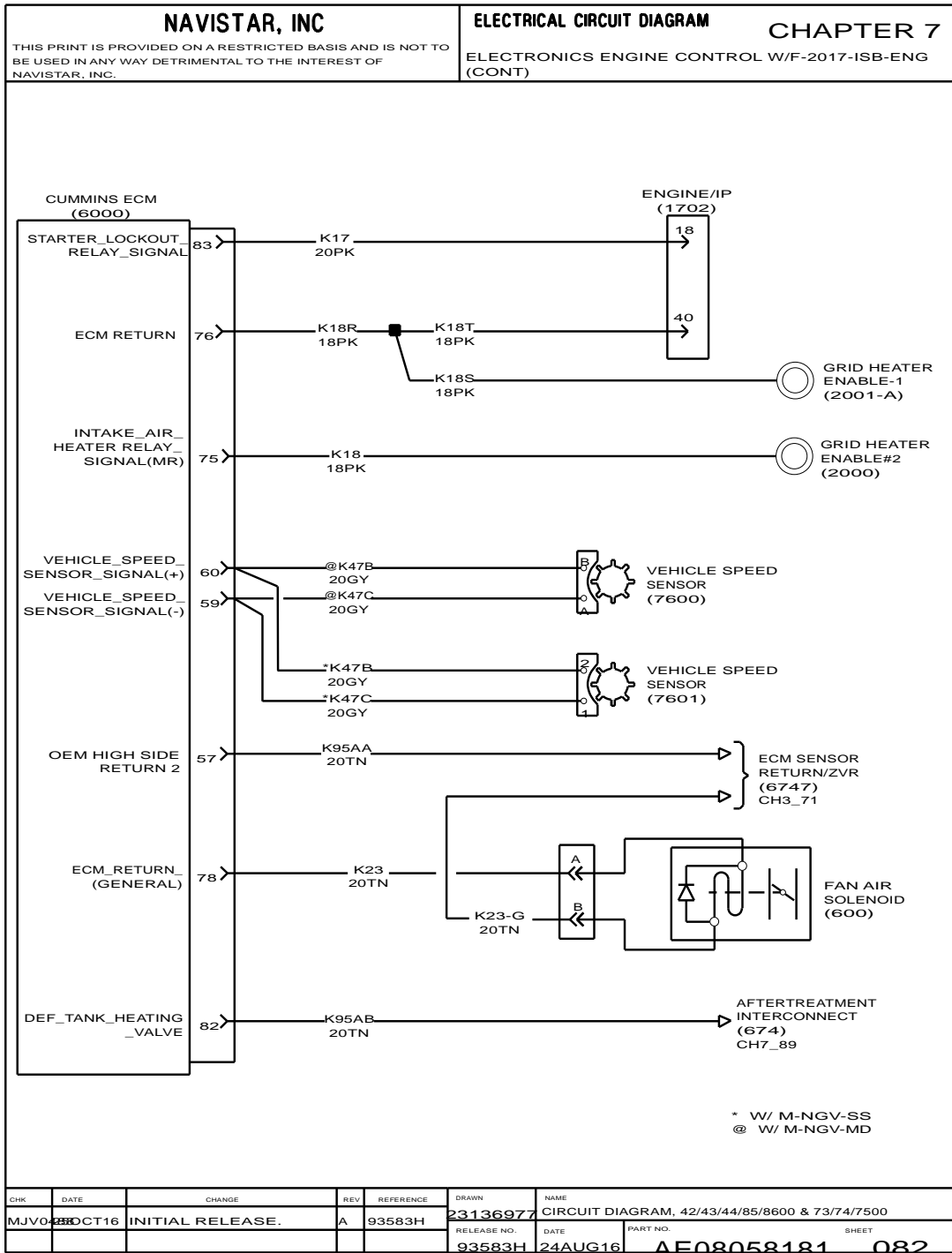


Figure 320 Electronics Engine Control with F-2017-ISB Engine (Cont.)

7.91. ELECTRONICS ENGINE CONTROL WITH F-2017-ISB ENGINE (CONT.), P. 83

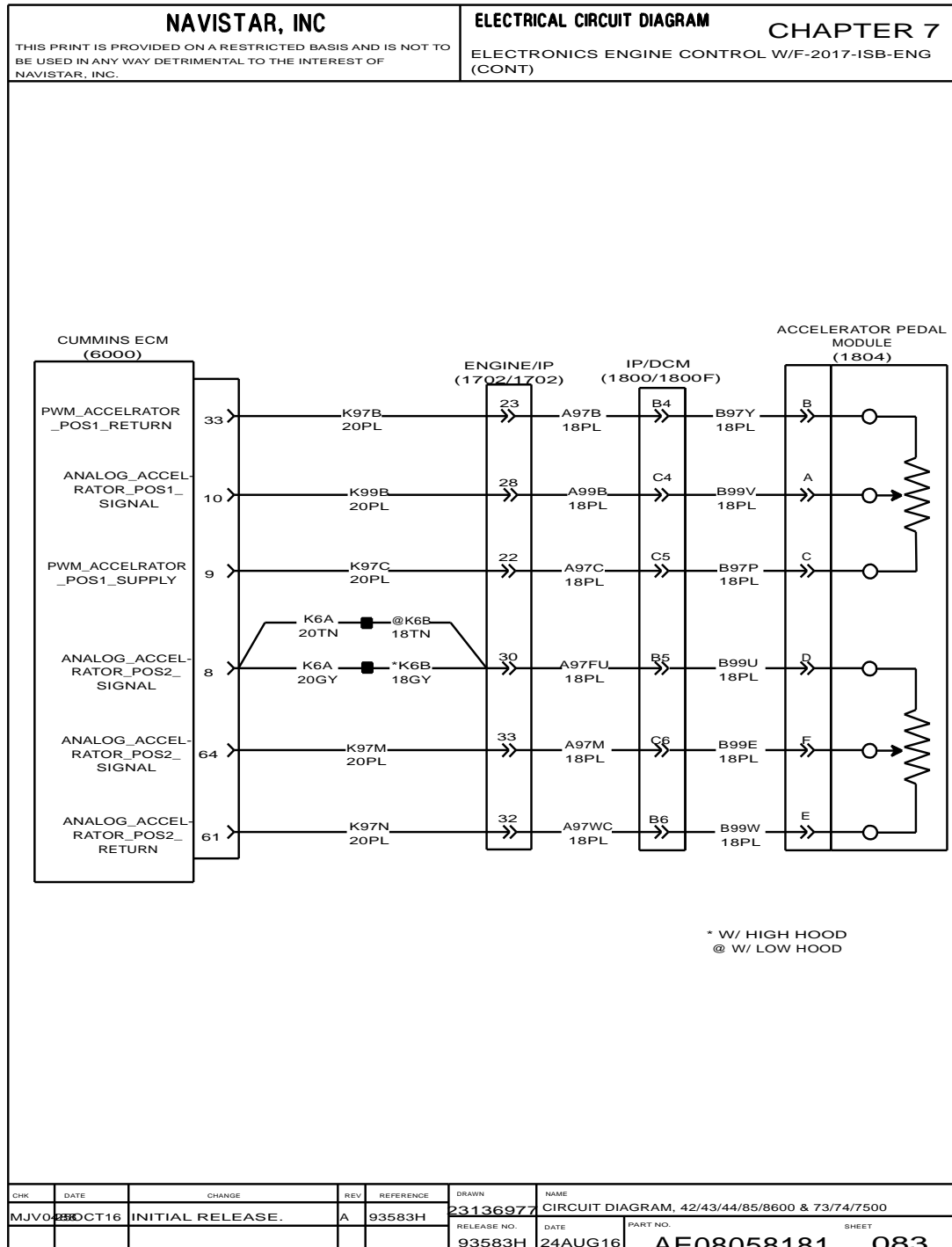


Figure 321 Electronics Engine Control with F-2017-ISB Engine (Cont.)

7.92. ENGINE BODY BUILDER WITH M-NGV-MD WITH F-2017-ISB ENGINE, P. 84

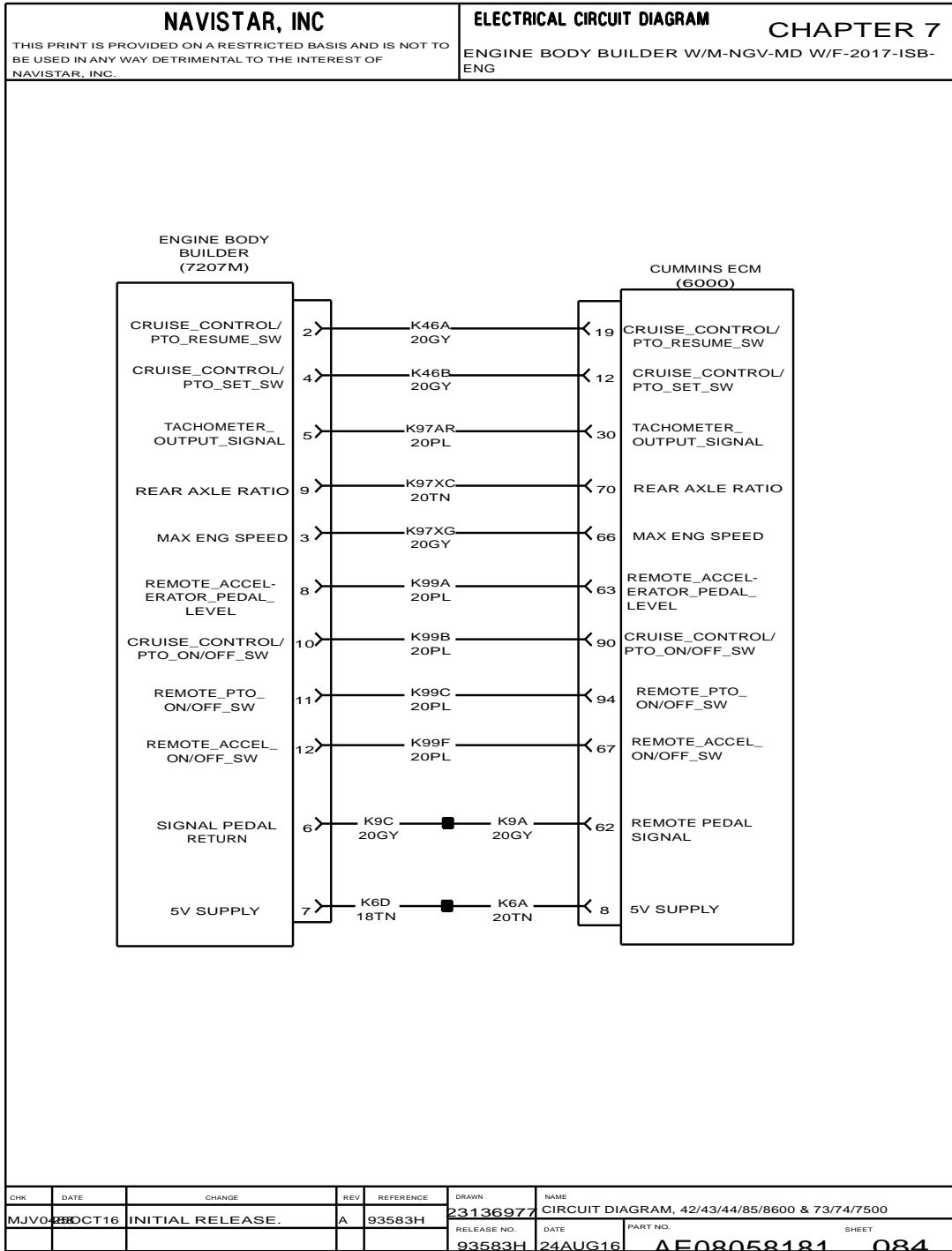


Figure 322 Engine Body Builder with M-NGV-MD with F-2017-ISB Engine

7.93. ENGINE BODY BUILDER WITH M-NGV-SS WITH F-2017-ISB ENGINE, P. 85

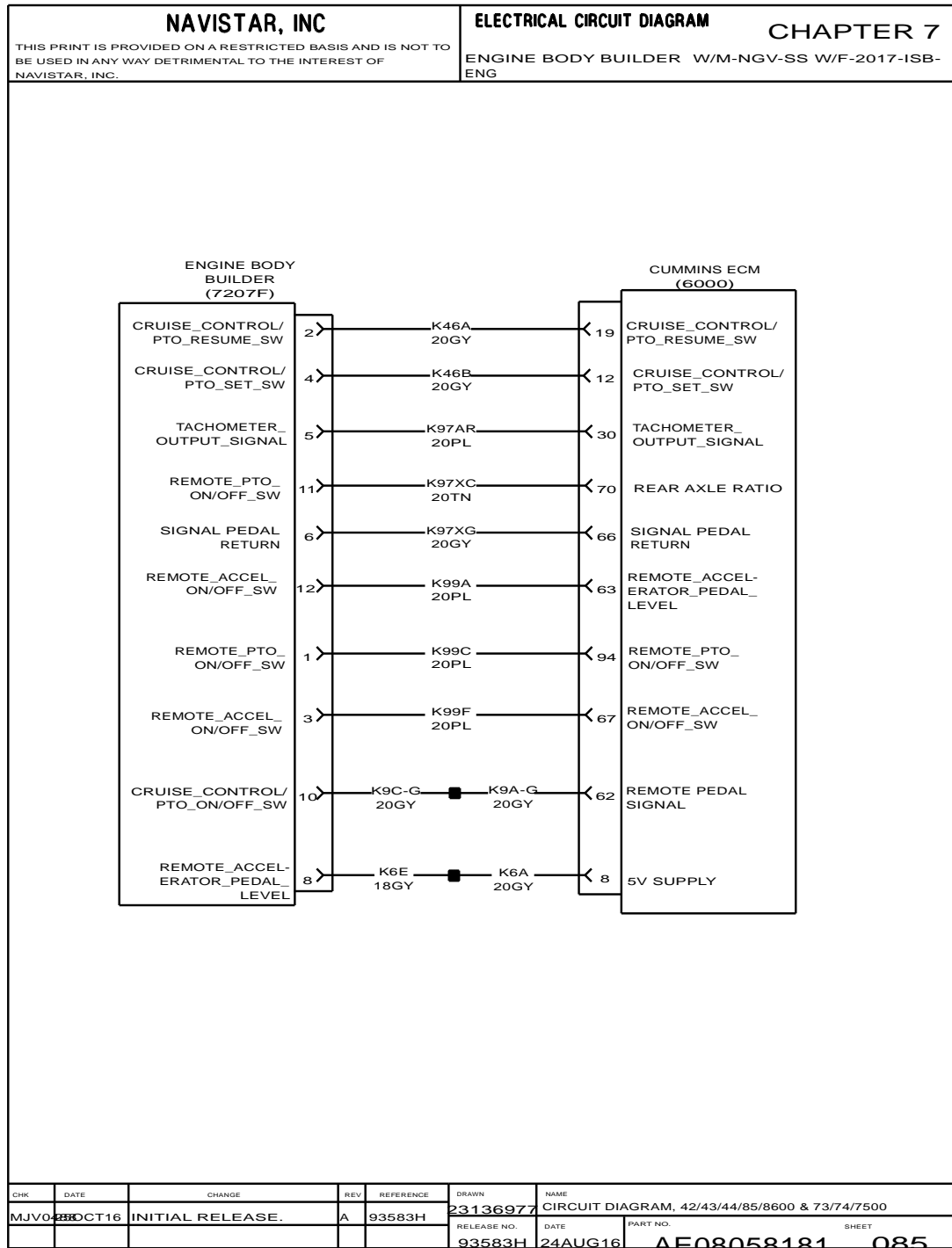


Figure 323 Engine Body Builder with M-NGV-SS with F-2017-ISB Engine

7.94. DEF AND AFTERTREATMENT CONTROL WITH F-2017-ISB ENGINE, P. 86

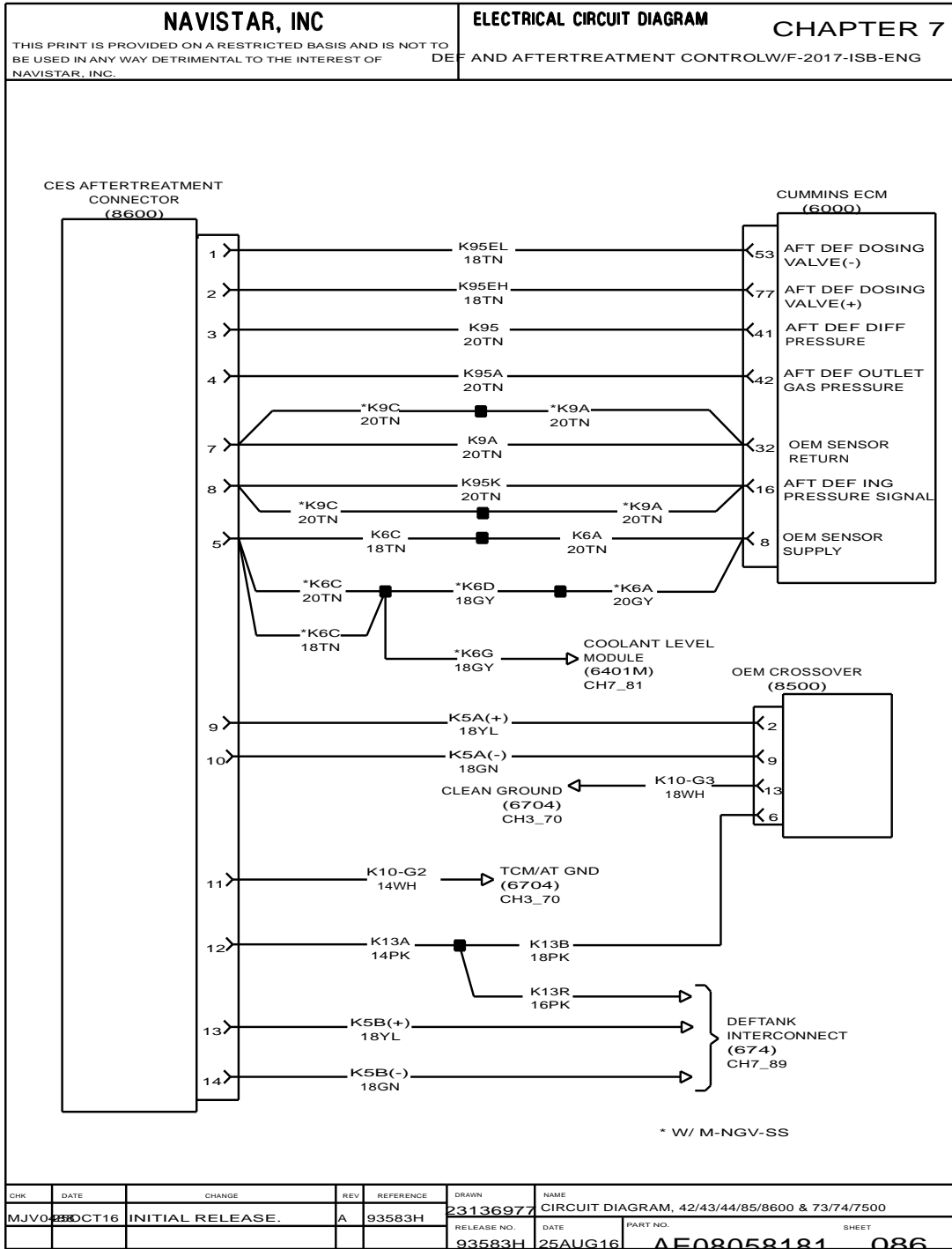


Figure 324 DEF and Aftertreatment Control with F-2017-ISB Engine

7.95. DEF AND AFTERTREATMENT CONTROL WITH F-2017-ISB ENGINE (CONT.), P. 87

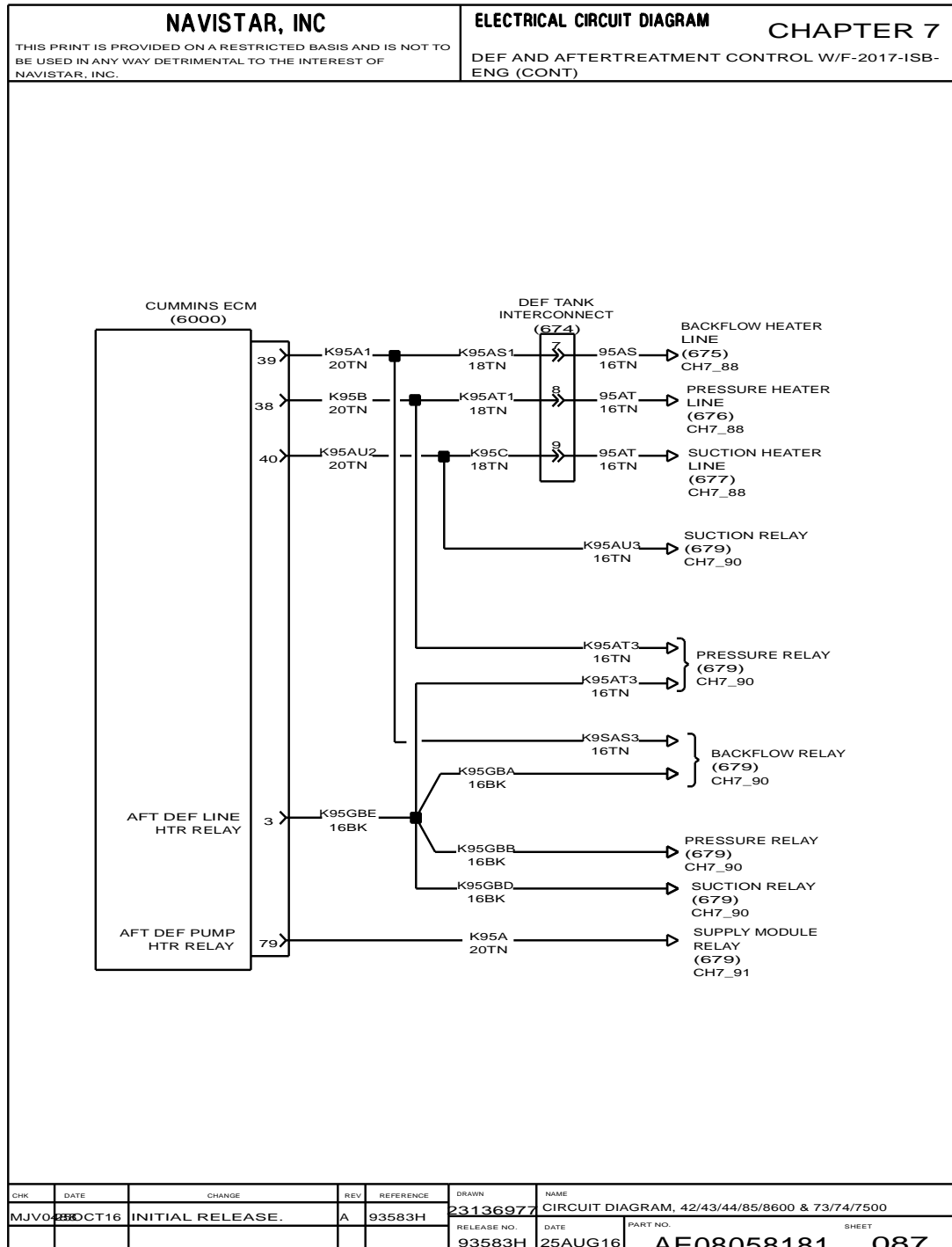


Figure 325 DEF and Aftertreatment Control with F-2017-ISB Engine (Cont.)

7.96. DEF AND AFTERTREATMENT CONTROL WITH F-2017-ISB ENGINE (CONT.), P. 88

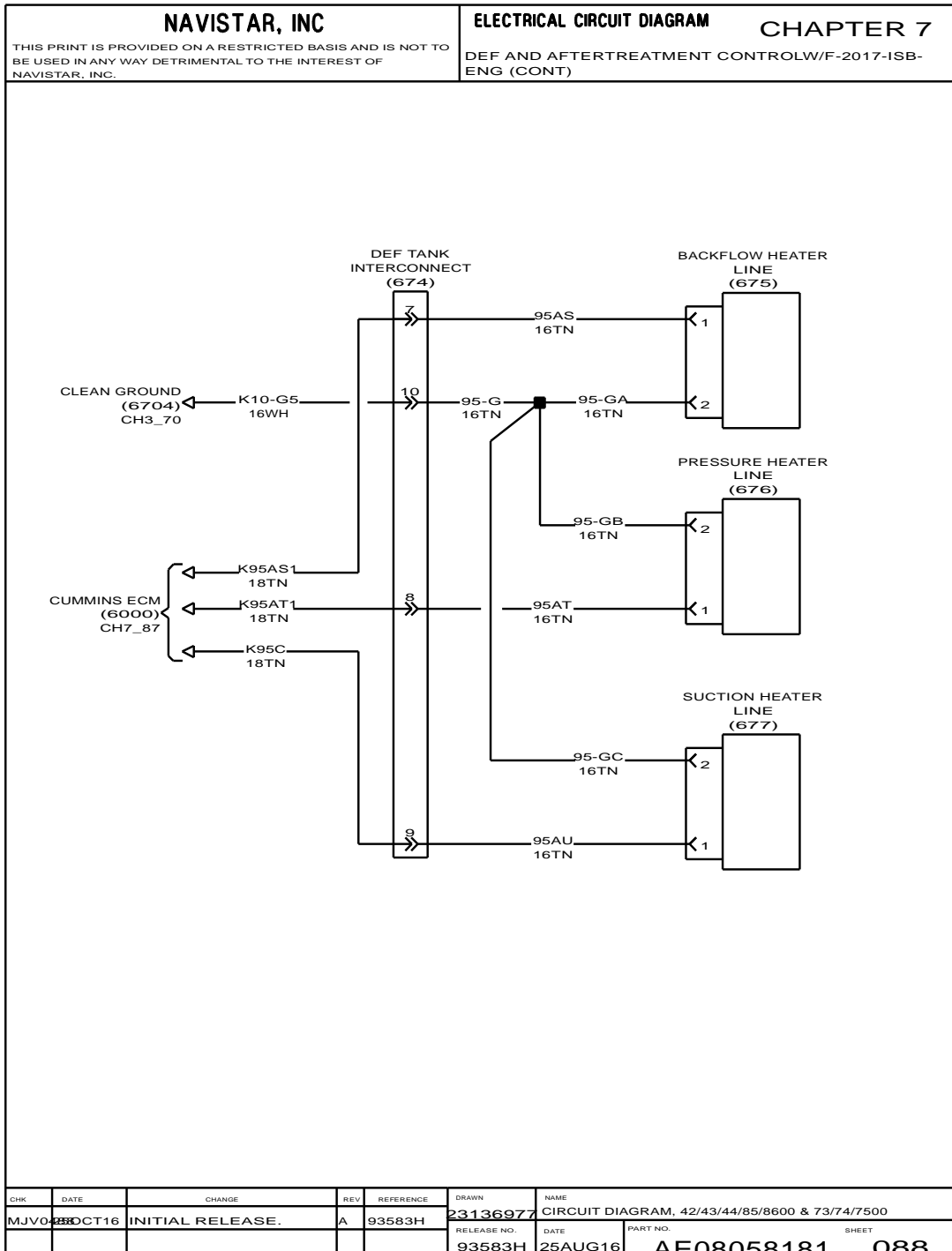


Figure 326 DEF and Aftertreatment Control with F-2017-ISB Engine (Cont.)

7.97. DEF AND AFTERTREATMENT CONTROL WITH F-2017-ISB ENGINE (CONT.), P. 89

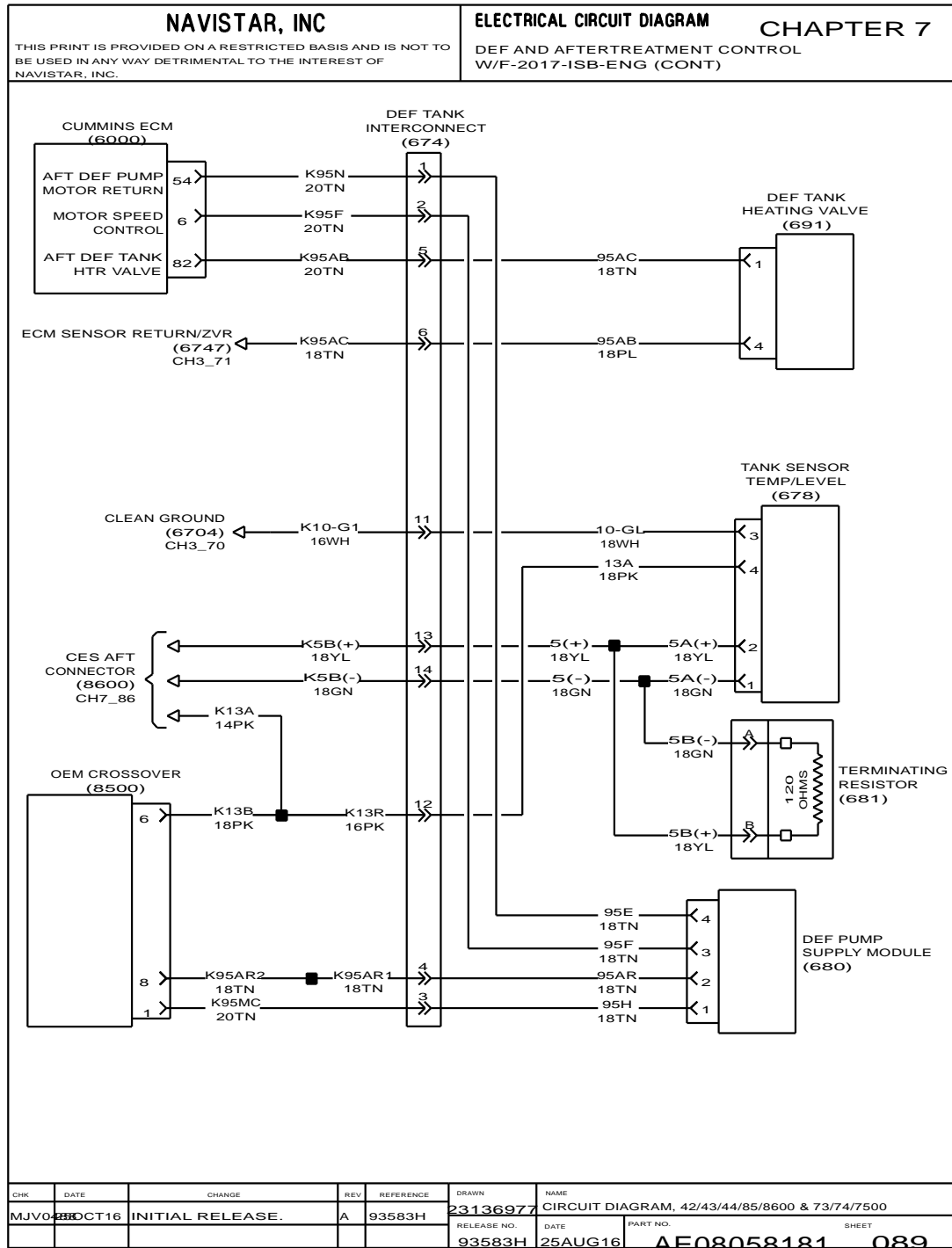


Figure 327 DEF and Aftertreatment Control with F-2017-ISB Engine (Cont.)

7.98. DEF AND AFTERTREATMENT CONTROL WITH F-2017-ISB ENGINE (CONT.), P. 90

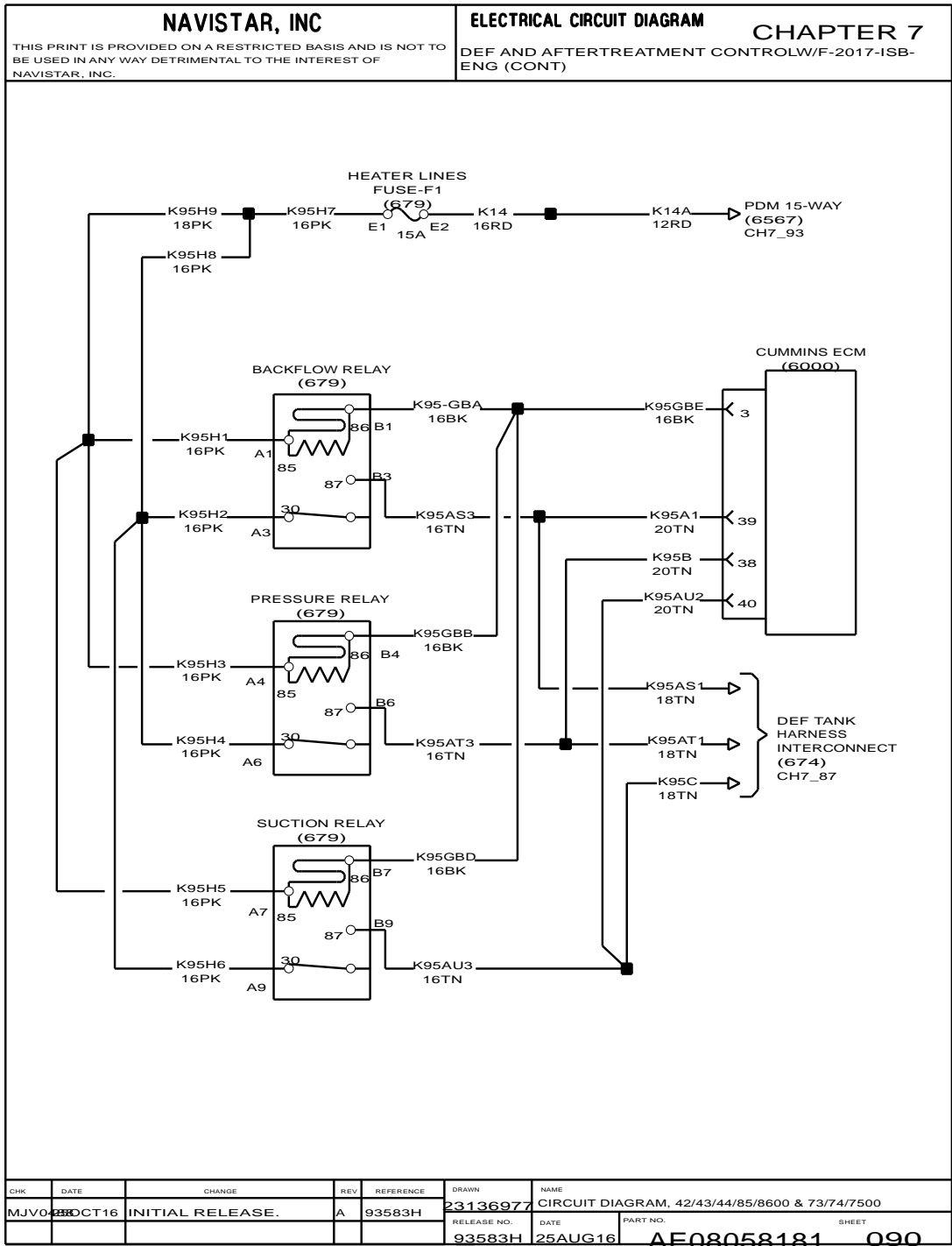


Figure 328 DEF and Aftertreatment Control with F-2017-ISB Engine (Cont.)

7.99. DEF AND AFTERTREATMENT CONTROL WITH F-2017-ISB ENGINE (CONT.), P. 91

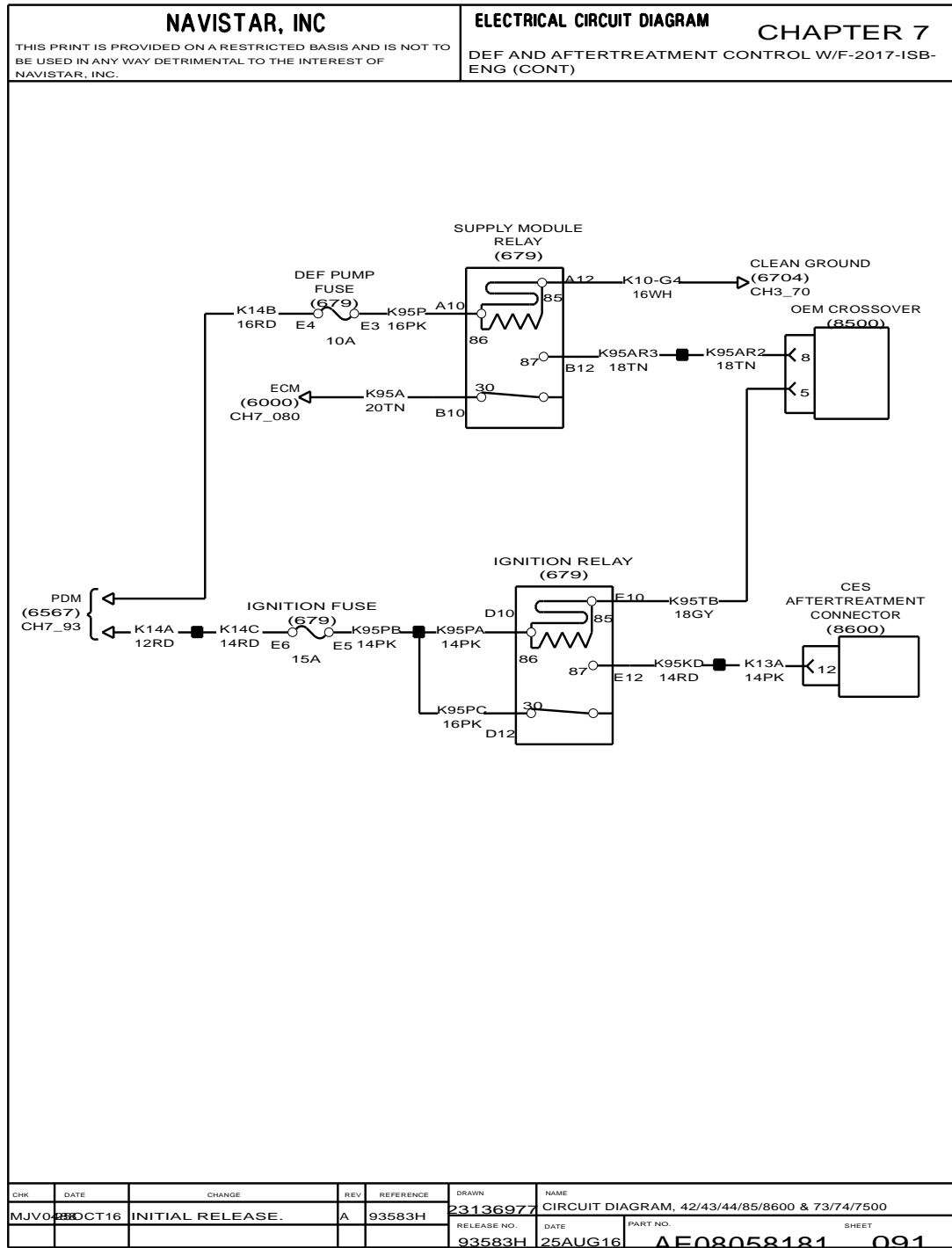


Figure 329 DEF and Aftertreatment Control with F-2017-ISB Engine (Cont.)

7.100. PDM PRODUCT GRAPHICS WITH F-2017-ISB ENGINE, P. 92

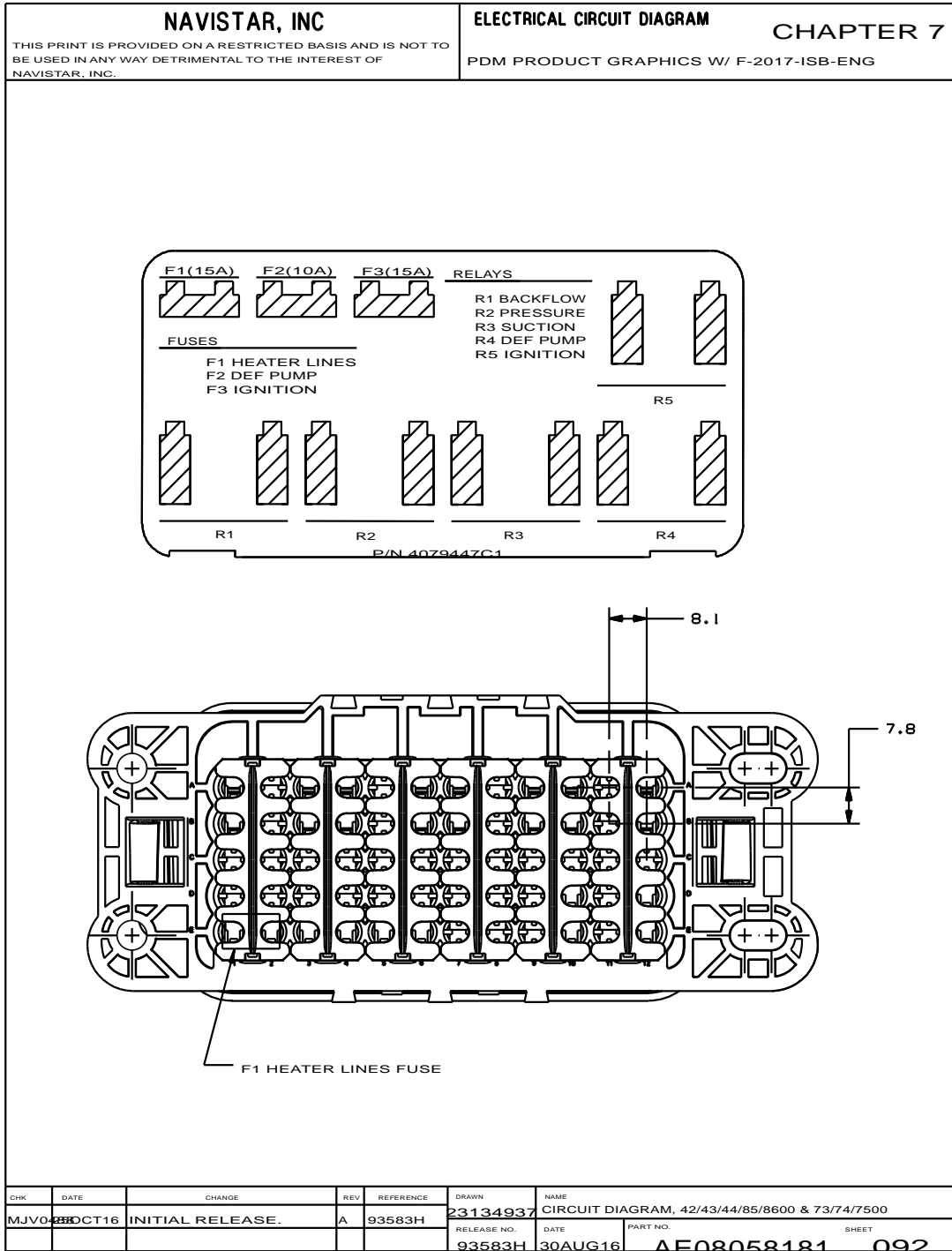


Figure 330 PDM Product Graphics with F-2017-ISB Engine

7.101. UNDERHOOD PDM WITH F-2017-ISB ENGINE, P. 93

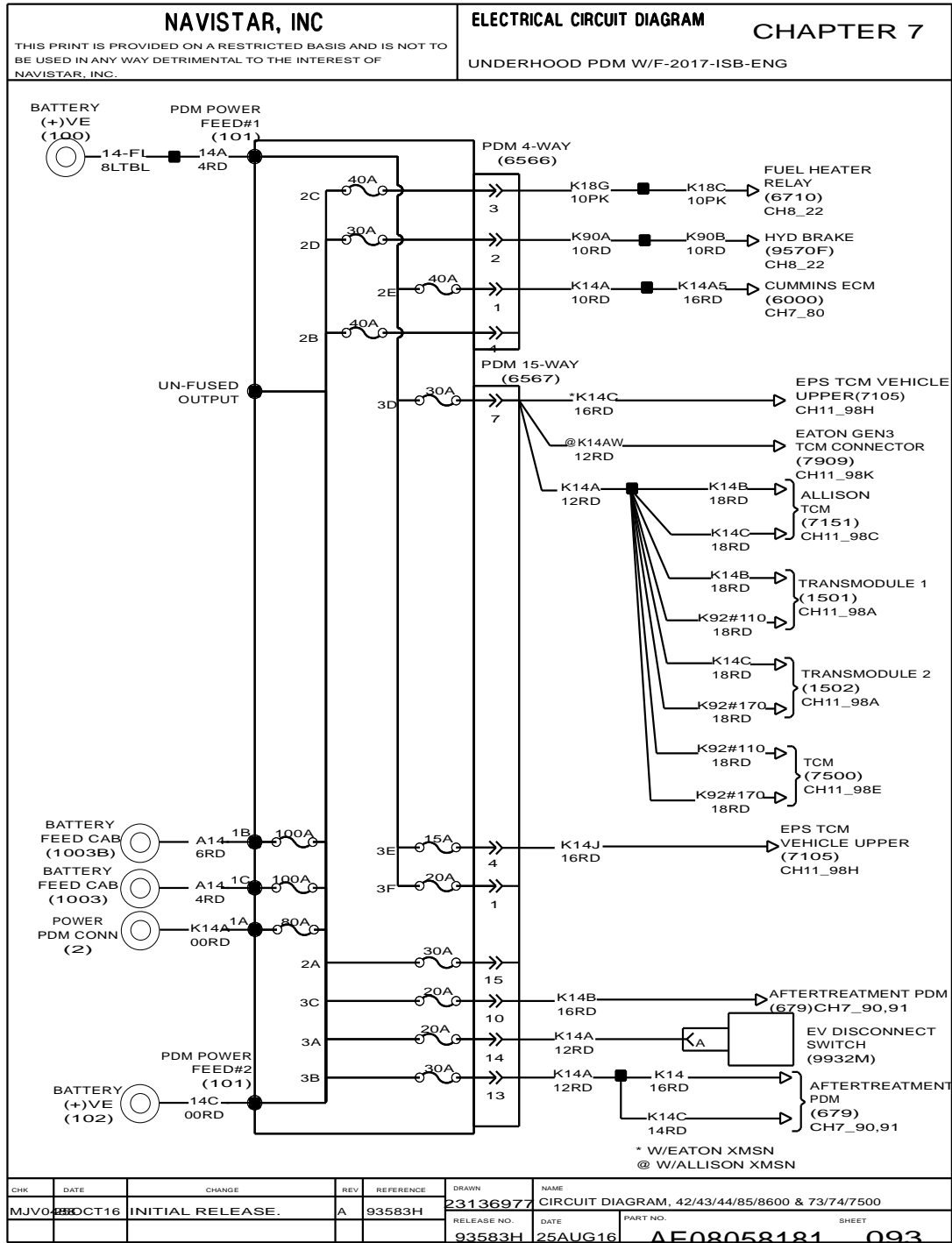


Figure 331 Underhood PDM with F-2017-ISB Engine

7.102. UNDERHOOD PDM WITH F-2017-ISB ENGINE (CONT.), P. 93A

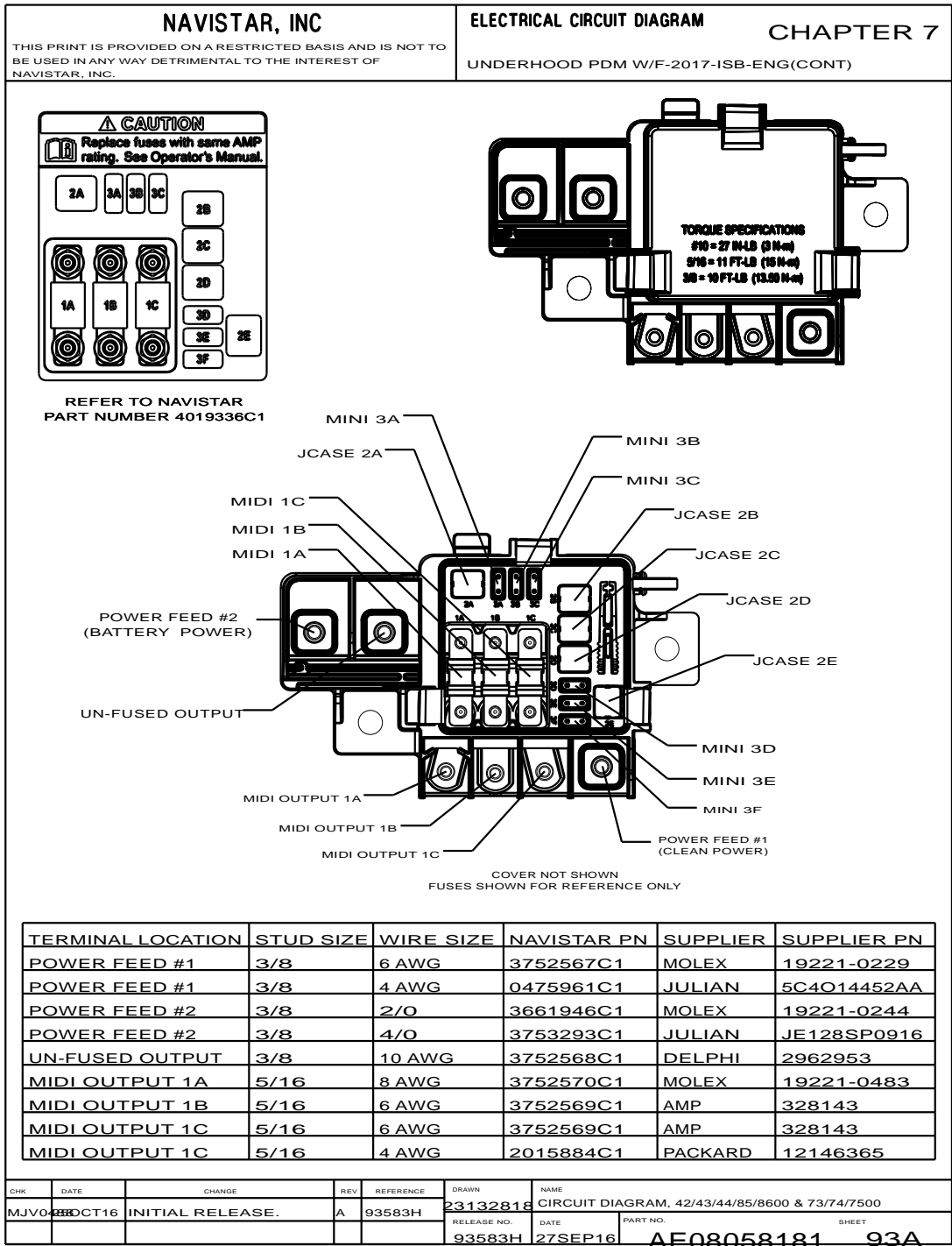


Figure 332 Underhood PDM with F-2017-ISB Engine (Cont.)

7.103. AAT / AMMETER / TWO-WAY RADIO WITH F-2017-ISB ENGINE, P. 94

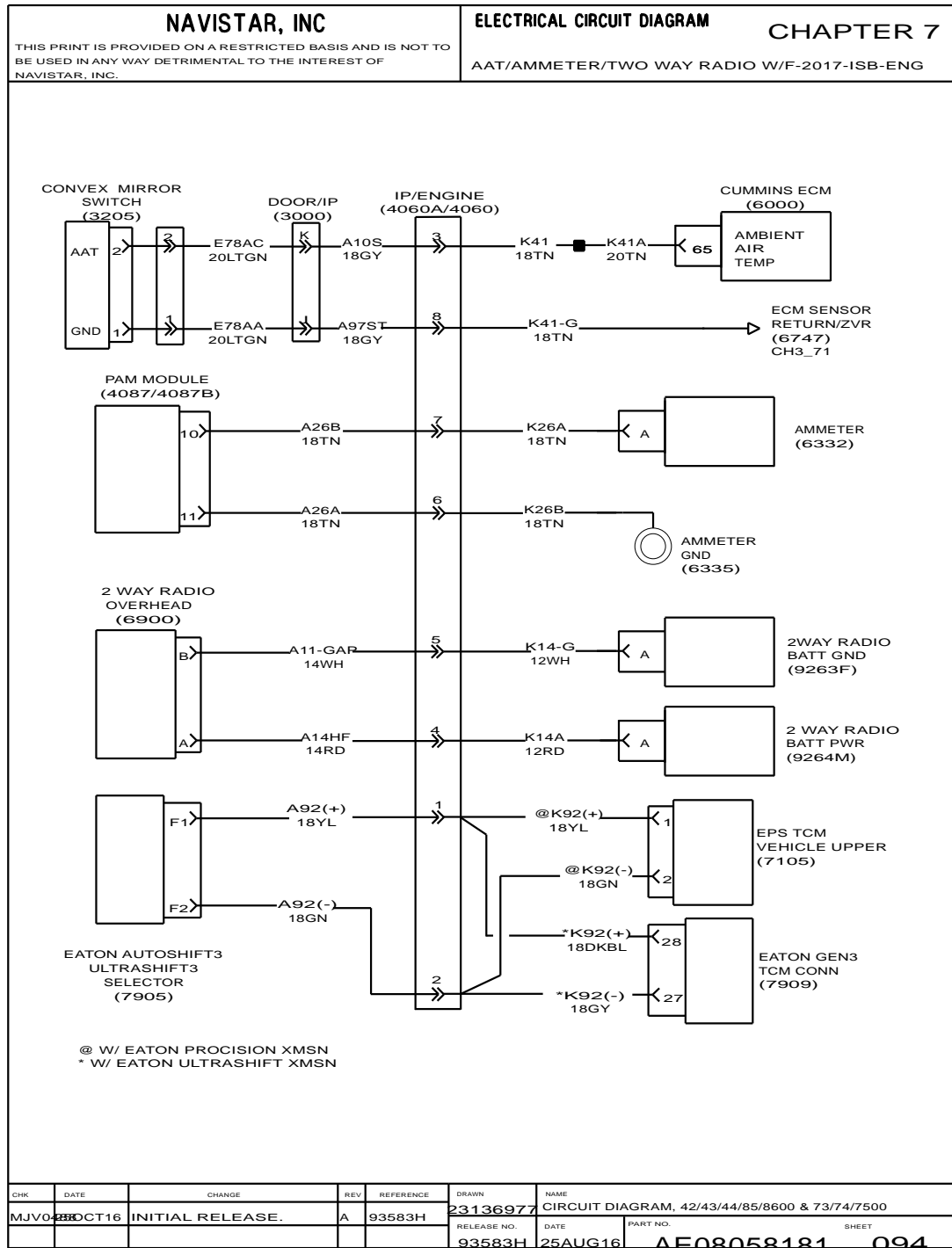


Figure 333 AAT / Ammeter / Two-Way Radio with F-2017-ISB Engine

7.104. ELECTRONICS ENGINE CONTROL WITH F-2017-ISL ENGINE, P. 95

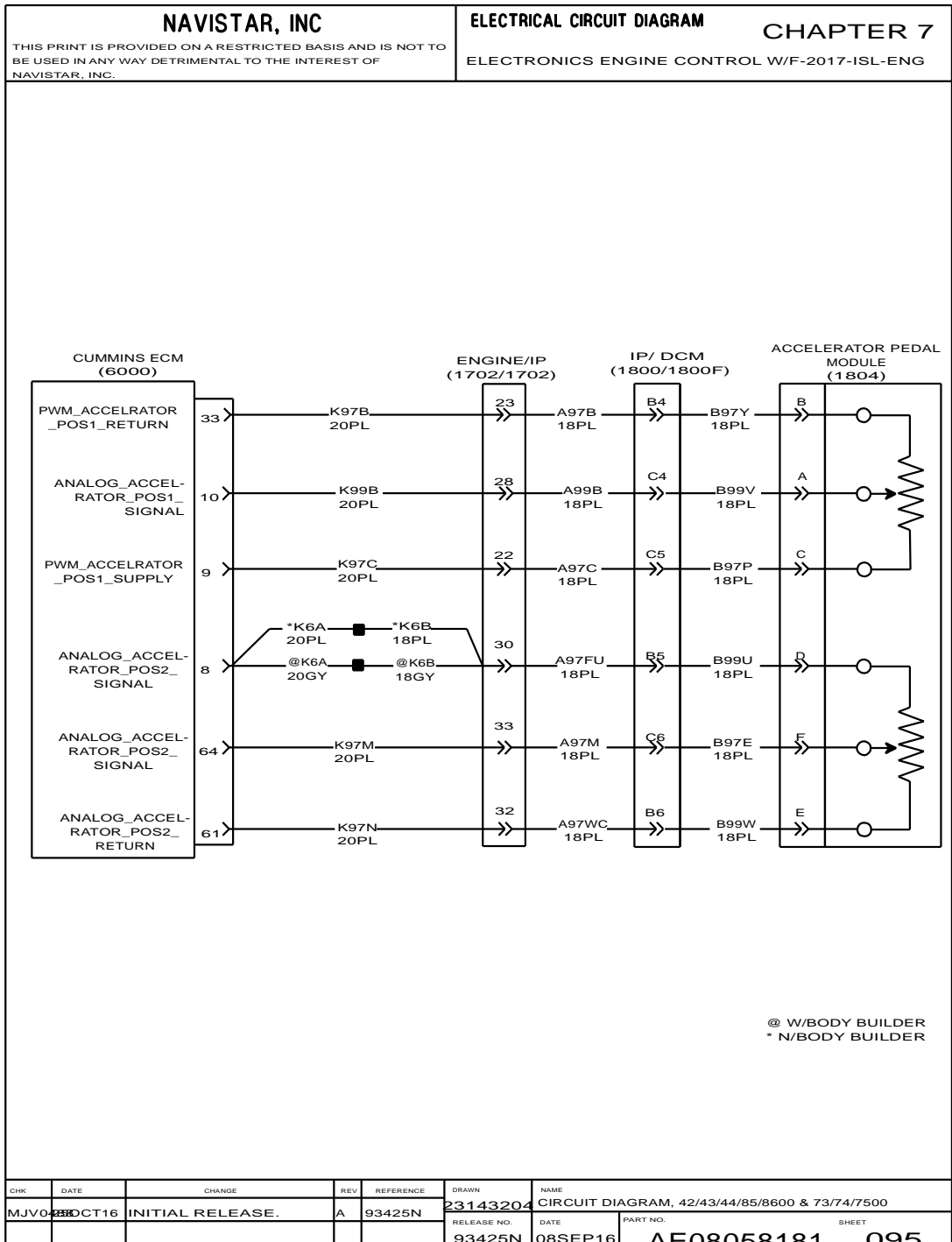


Figure 334 Electronics Engine Control with F-2017-ISL Engine

7.105. ELECTRONICS ENGINE CONTROL WITH F-2017-ISL ENGINE (CONT.), P. 95A

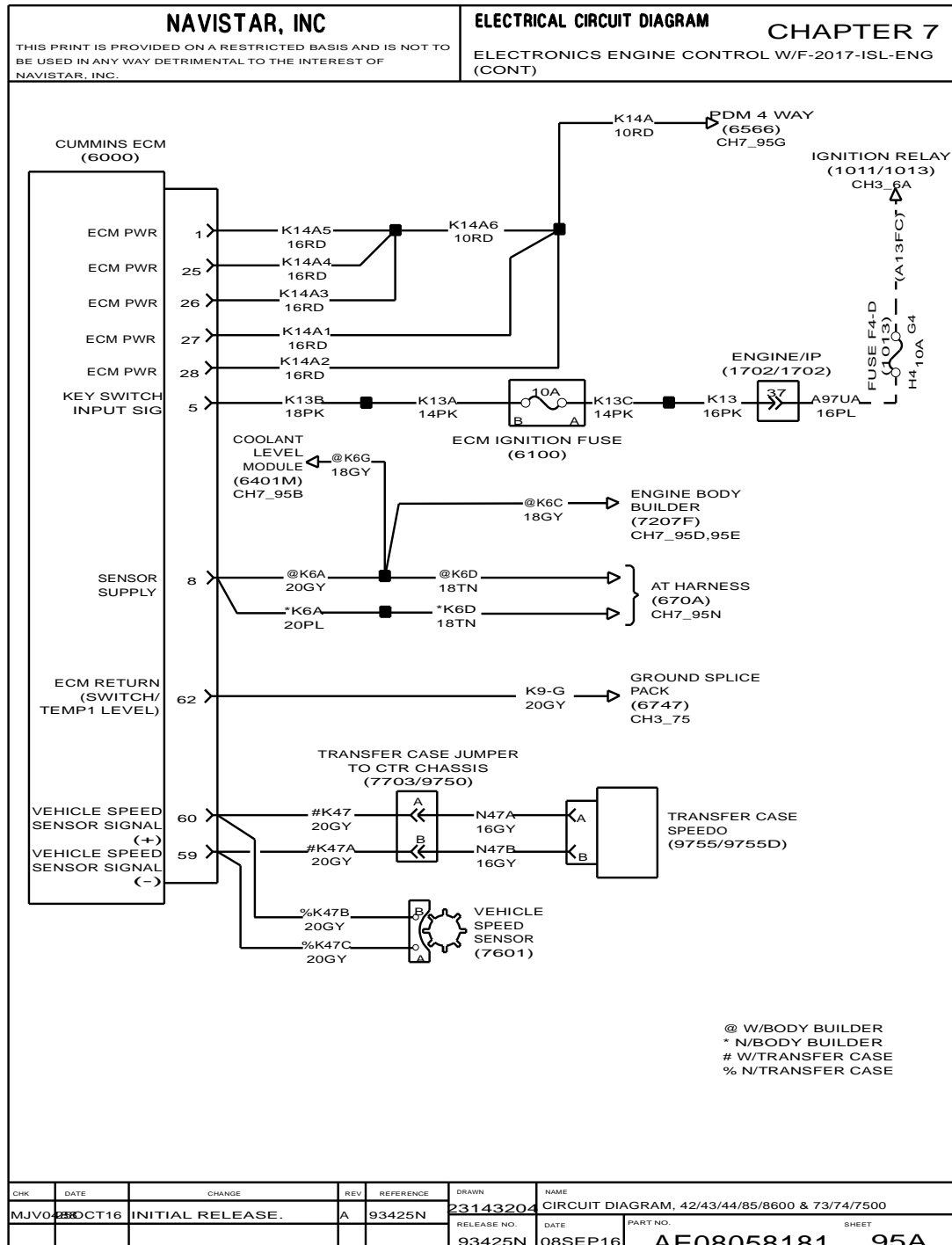


Figure 335 Electronics Engine Control with F-2017-ISL Engine (Cont.)

7.106. ELECTRONICS ENGINE CONTROL WITH F-2017-ISL ENGINE (CONT.), P. 95B

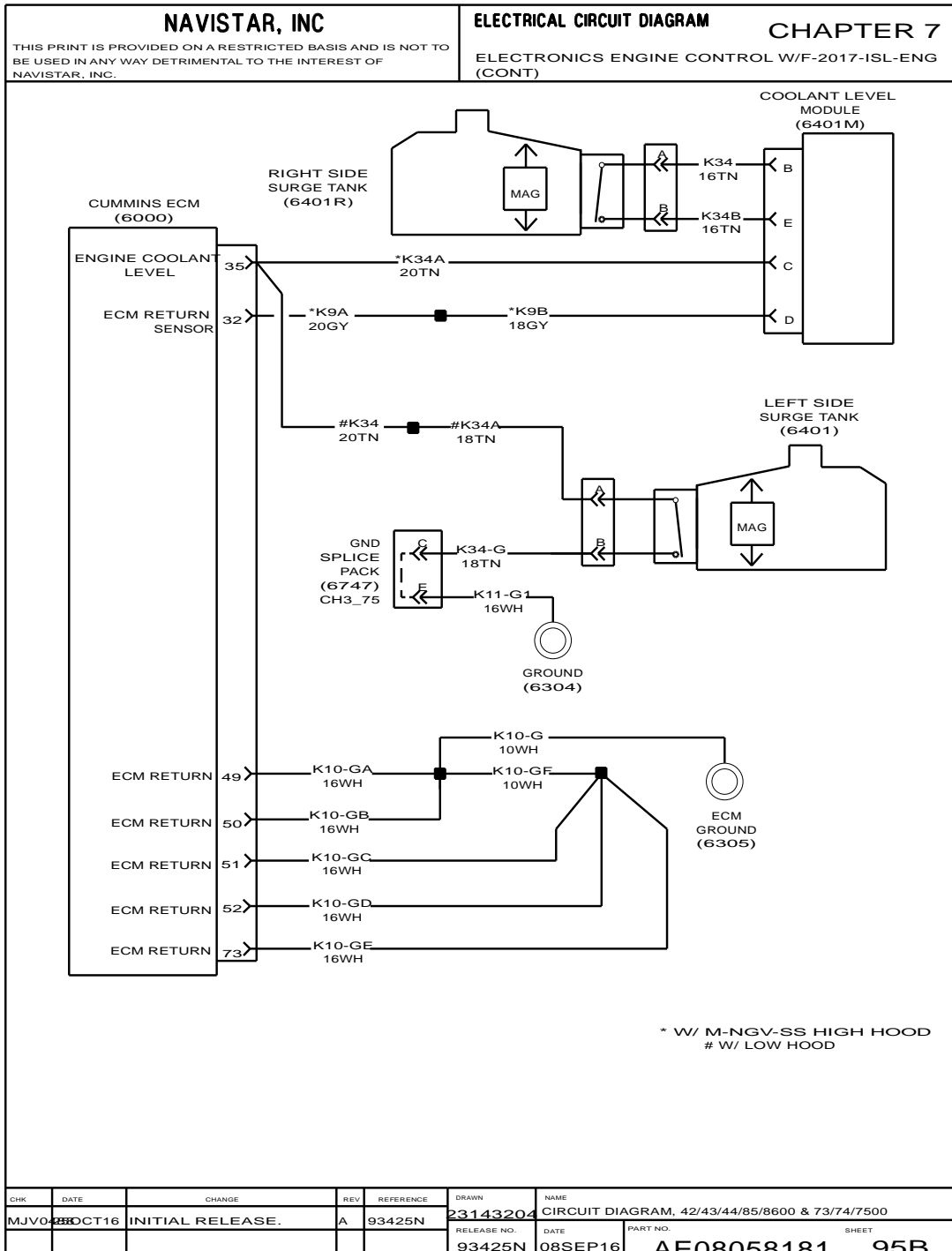


Figure 336 Electronics Engine Control with F-2017-ISL Engine (Cont.)

7.107. ELECTRONICS ENGINE CONTROL WITH F-2017-ISL ENGINE (CONT.), P. 95C

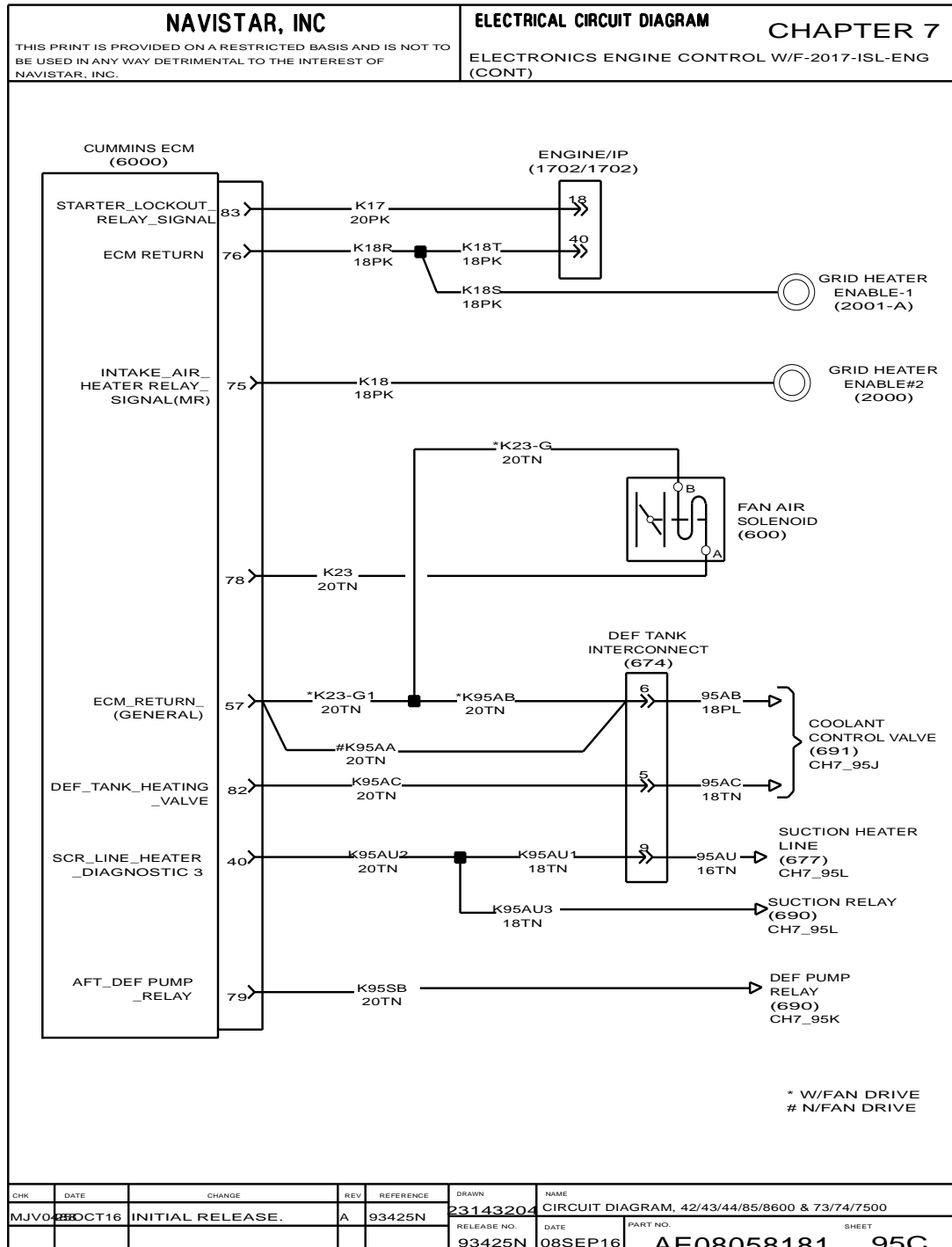


Figure 337 Electronics Engine Control with F-2017-ISL Engine (Cont.)

7.108. ENGINE BODY BUILDER WITH M-NGV-MD WITH F-2017-ISL ENGINE, P. 95D

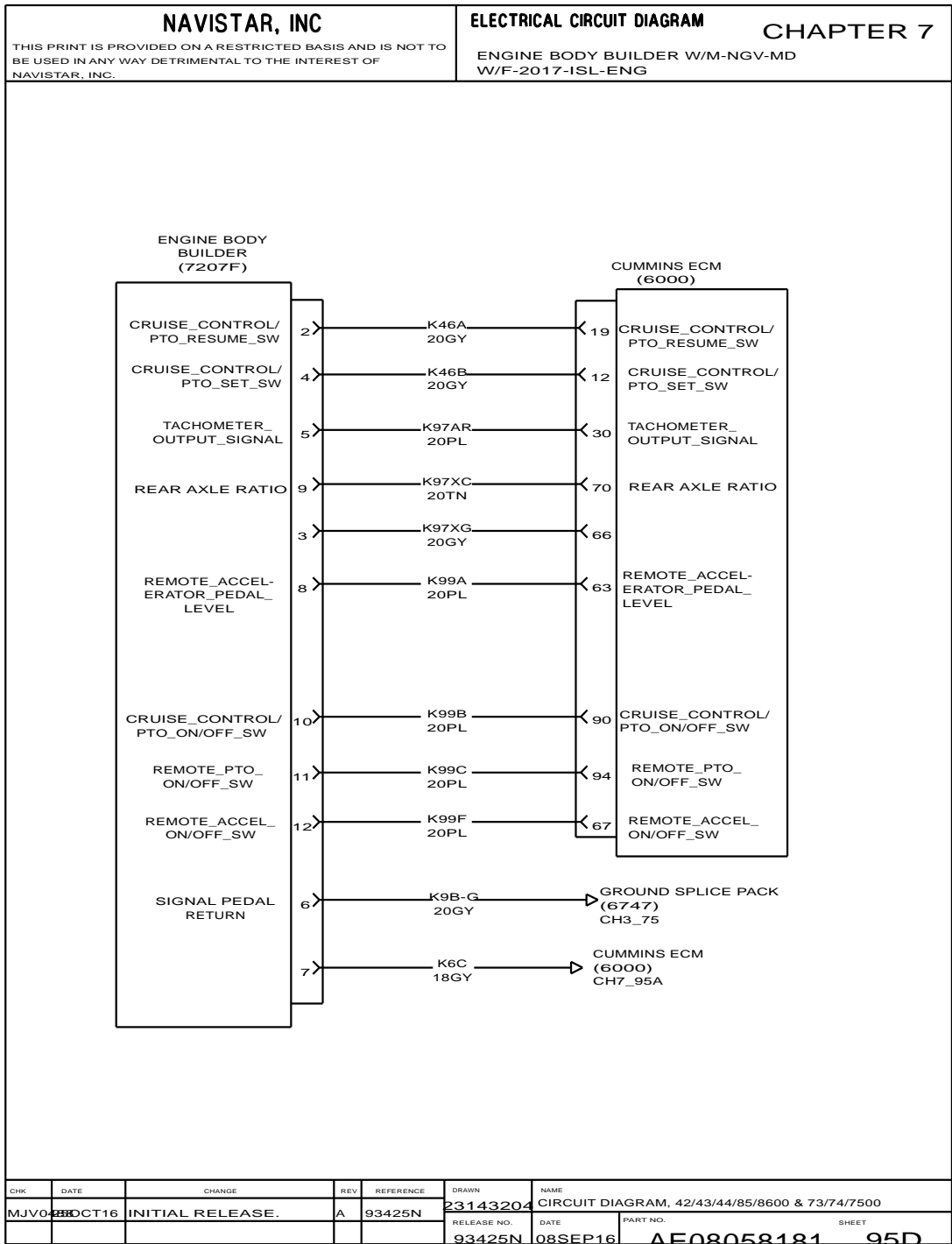


Figure 338 Engine Body Builder with M-NGV-MD with F-2017-ISL Engine

7.109. ENGINE BODY BUILDER WITH M-NGV-SS WITH F-2017-ISL ENGINE, P. 95E

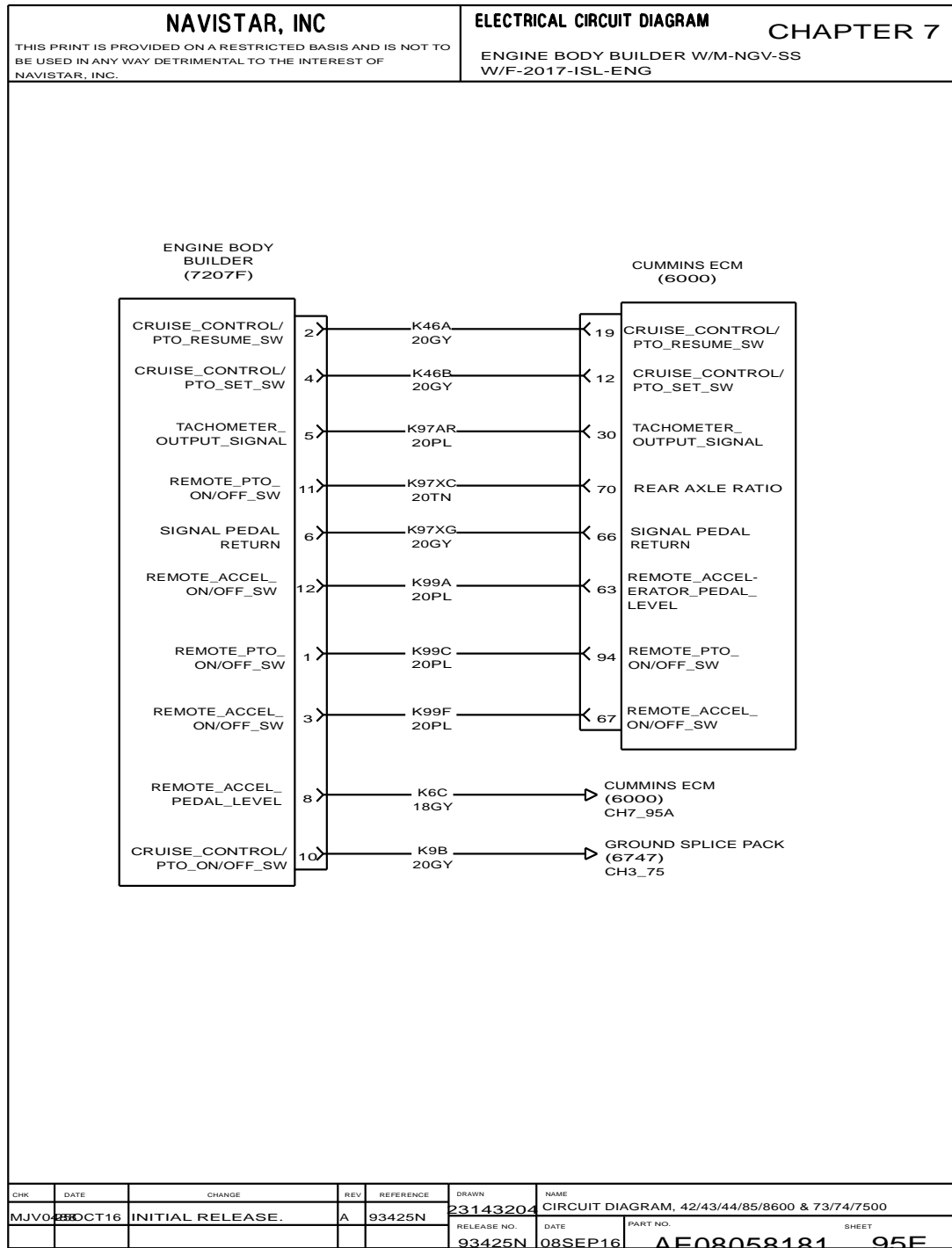


Figure 339 Engine Body Builder with M-NGV-SS with F-2017-ISL Engine

7.110. PDM PRODUCT GRAPHICS WITH F-2017-ISL ENGINE, P. 95F

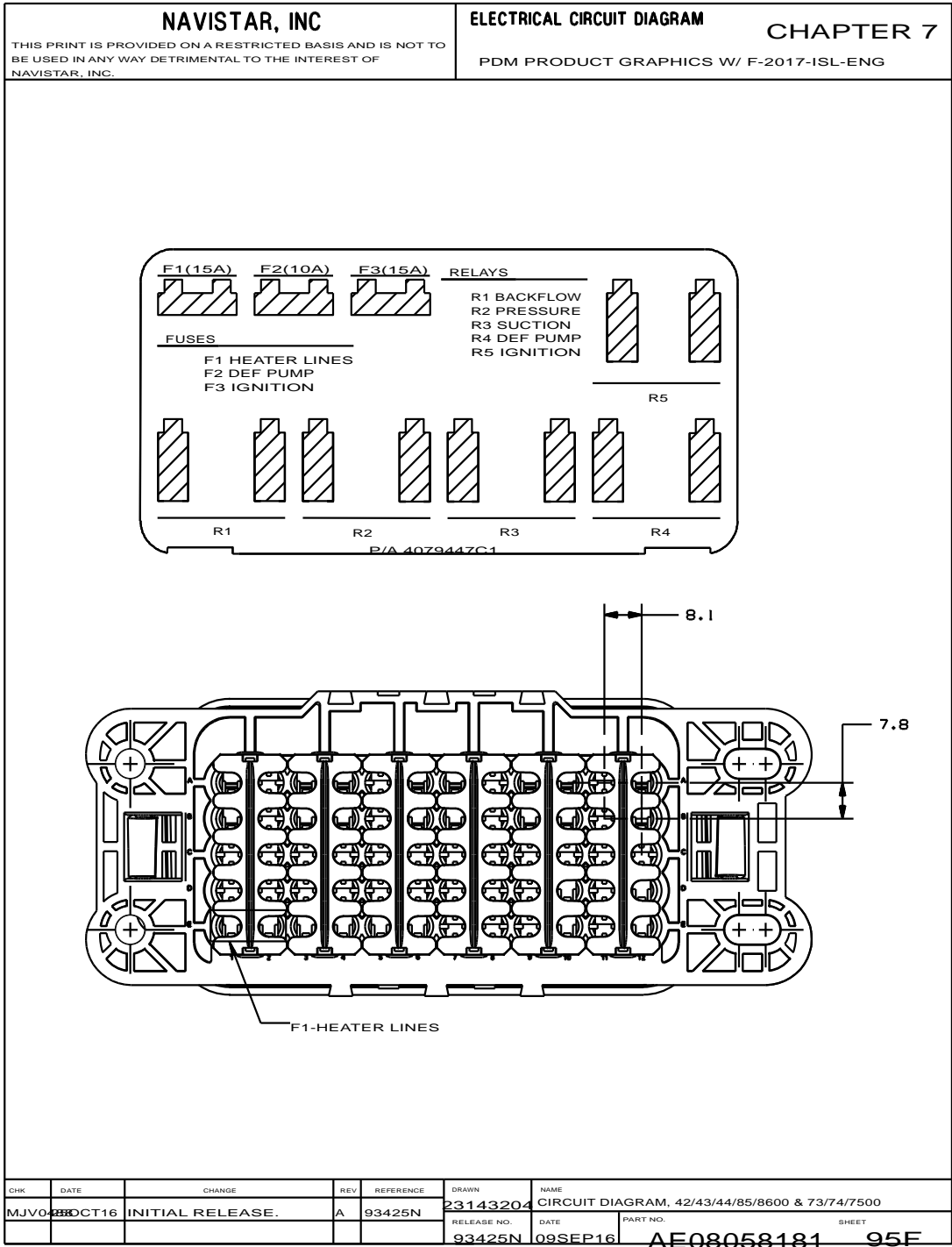


Figure 340 PDM Product Graphics with F-2017-ISL Engine

7.111. POWER DISTRIBUTION MODULE (PDM) WITH F-2017-ISL ENGINE, P. 95G

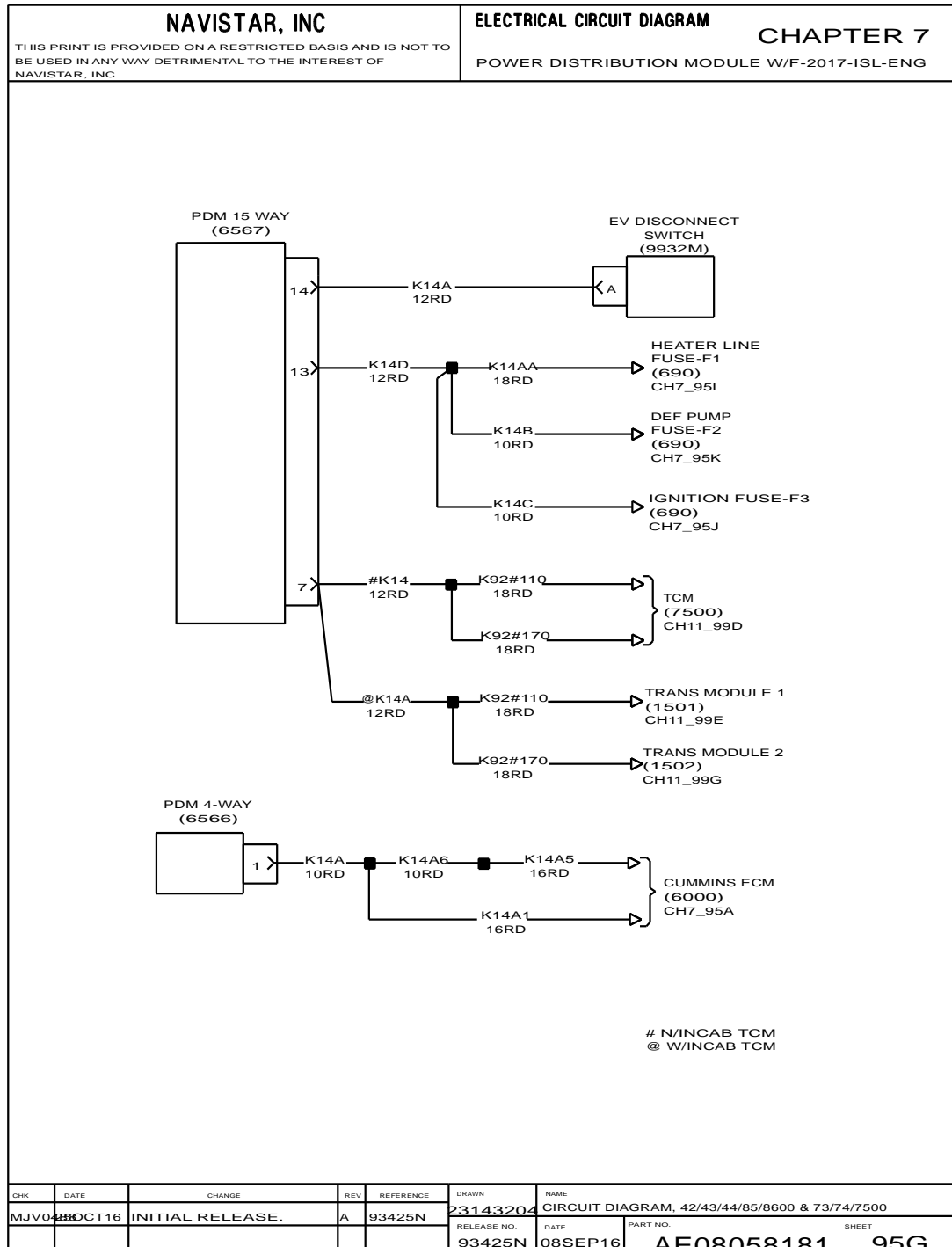


Figure 341 Power Distribution Module (PDM) with F-2017-ISL Engine

7.112. AAT / AMMETER / TWO-WAY RADIO WITH F-2017-ISL ENGINE, P. 95H

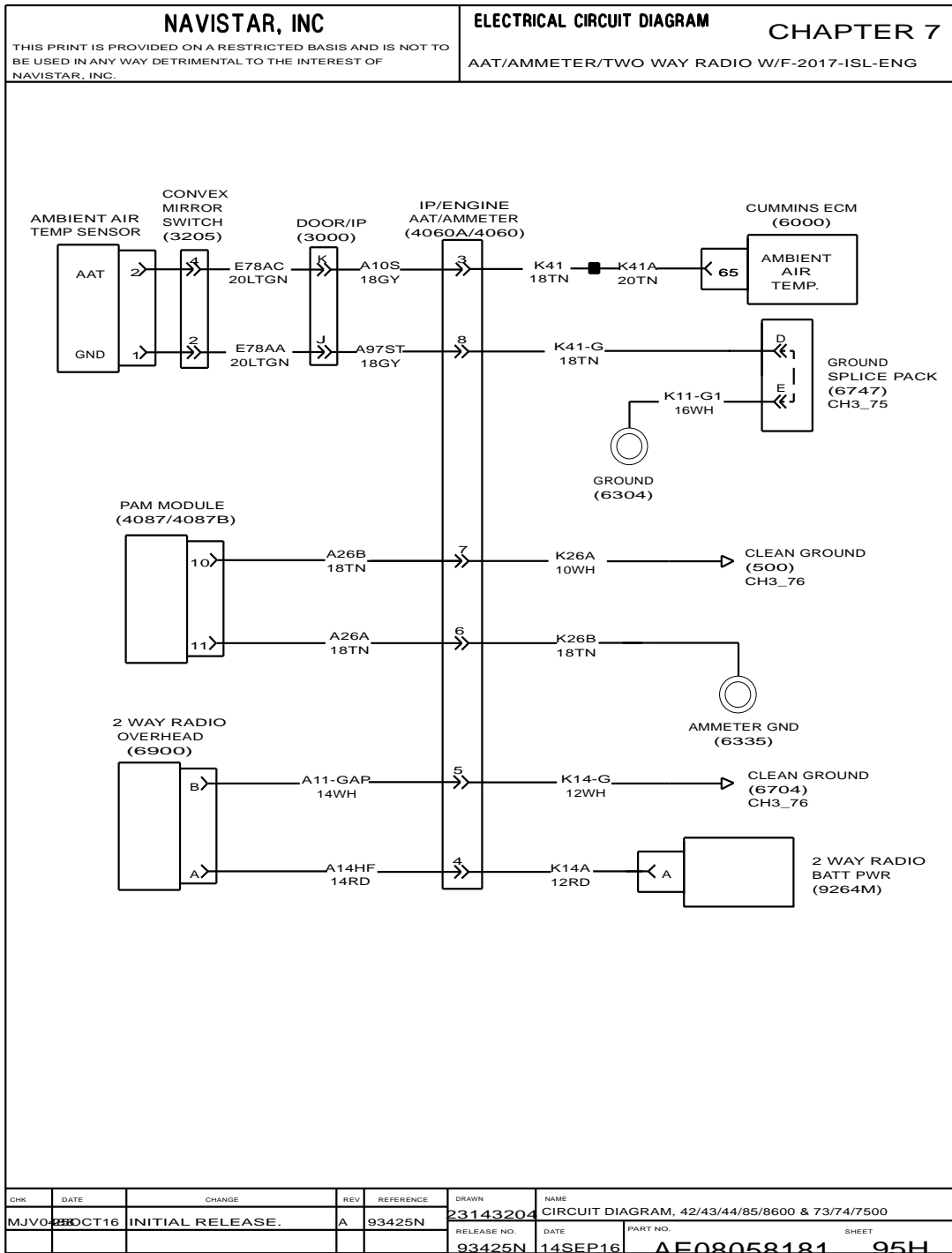


Figure 342 AAT / Ammeter / Two-Way Radio with F-2017-ISL Engine

7.113. DIESEL EXHAUST FLUID (DEF) AND AFTERTREATMENT WITH F-2017-ISL ENGINE, P. 95I

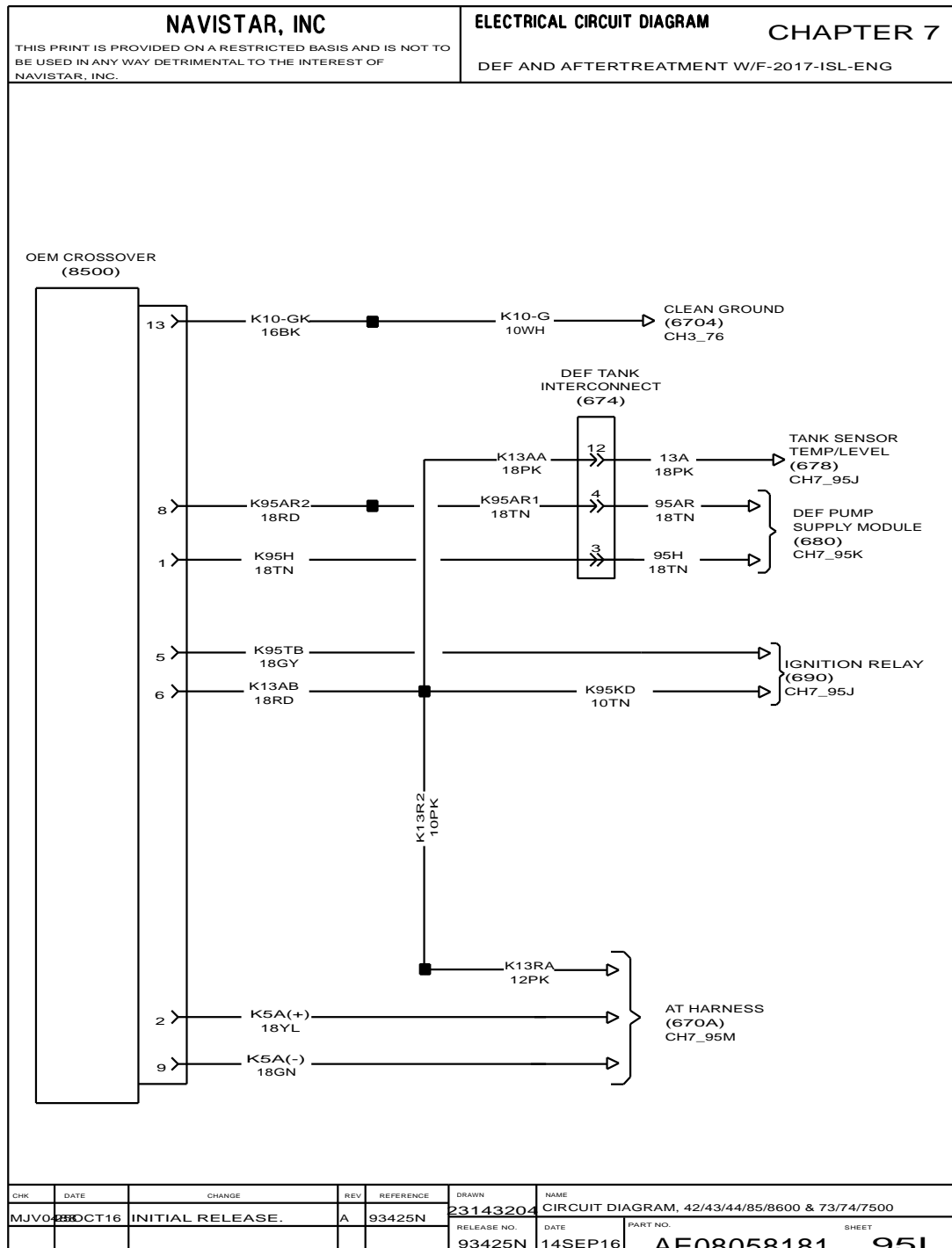


Figure 343 Diesel Exhaust Fluid (DEF) and Aftertreatment with F-2017-ISL Engine

7.114. DEF AND AFTERTREATMENT WITH F-2017-ISL ENGINE (CONT.), P. 95J

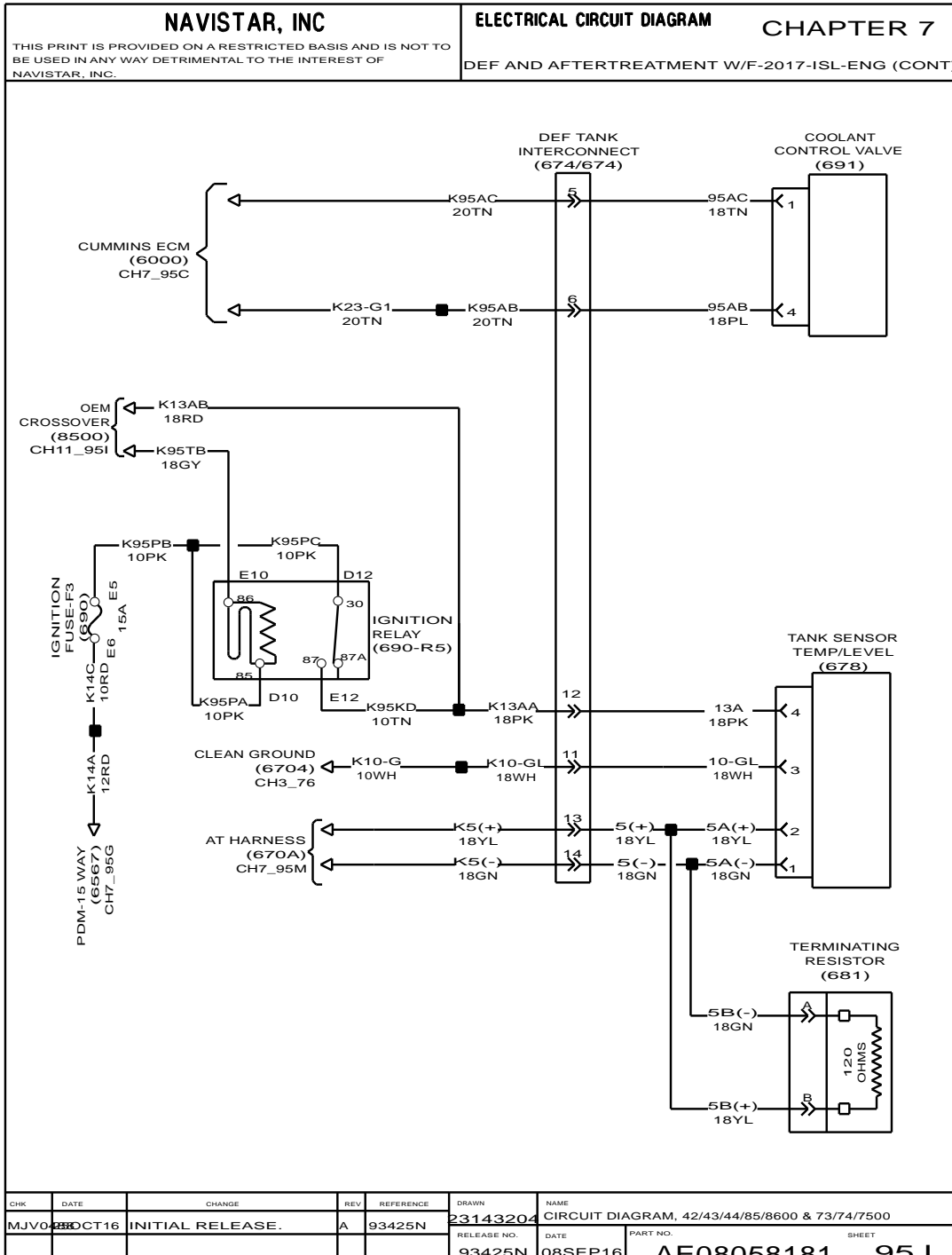


Figure 344 DEF and Aftertreatment with F-2017-ISL Engine (Cont.)

7.115. DEF AND AFTERTREATMENT WITH F-2017-ISL ENGINE (CONT.), P. 95K

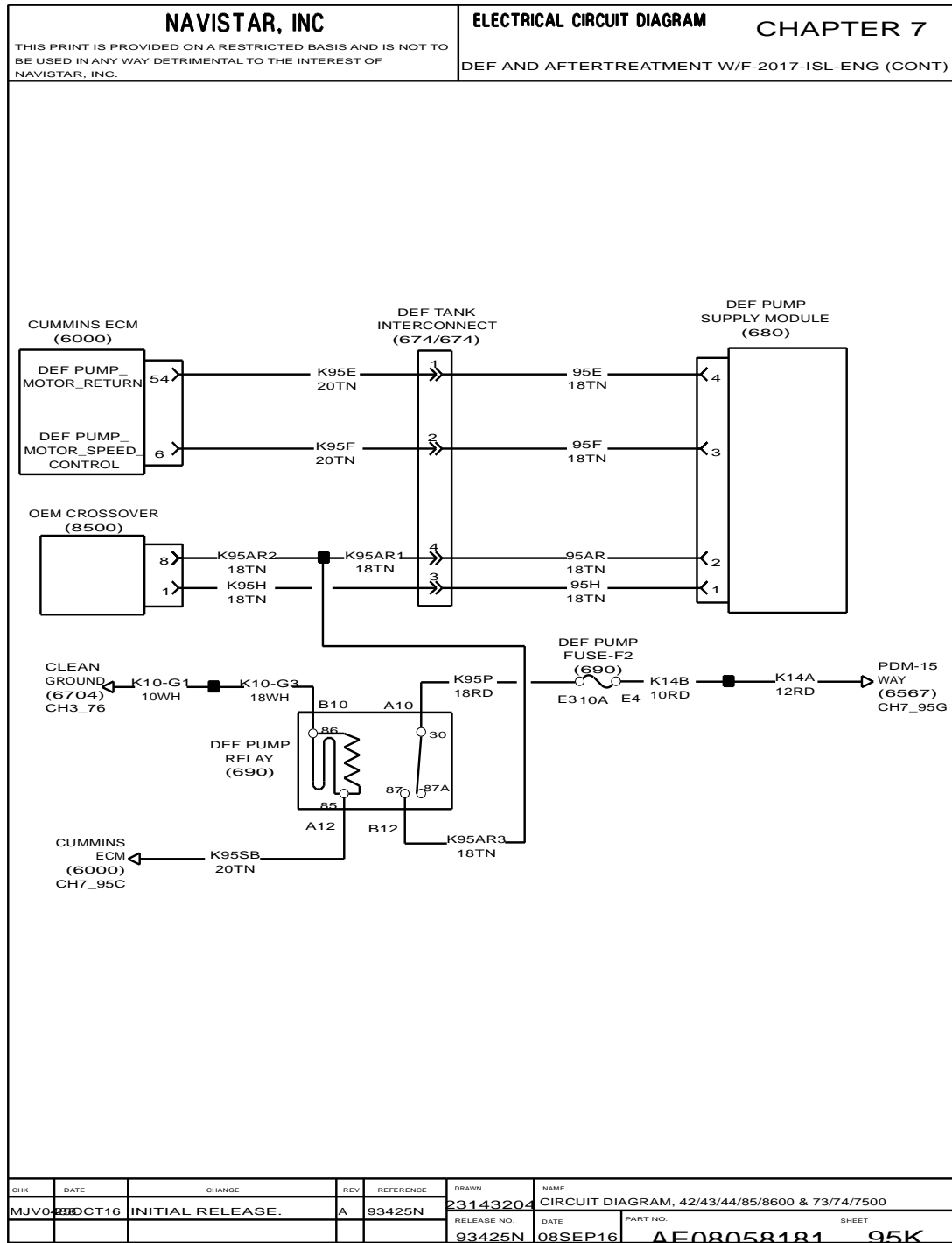


Figure 345 DEF and Aftertreatment with F-2017-ISL Engine (Cont.)

7.116. DEF AND AFTERTREATMENT WITH F-2017-ISL ENGINE (CONT.), P. 95L

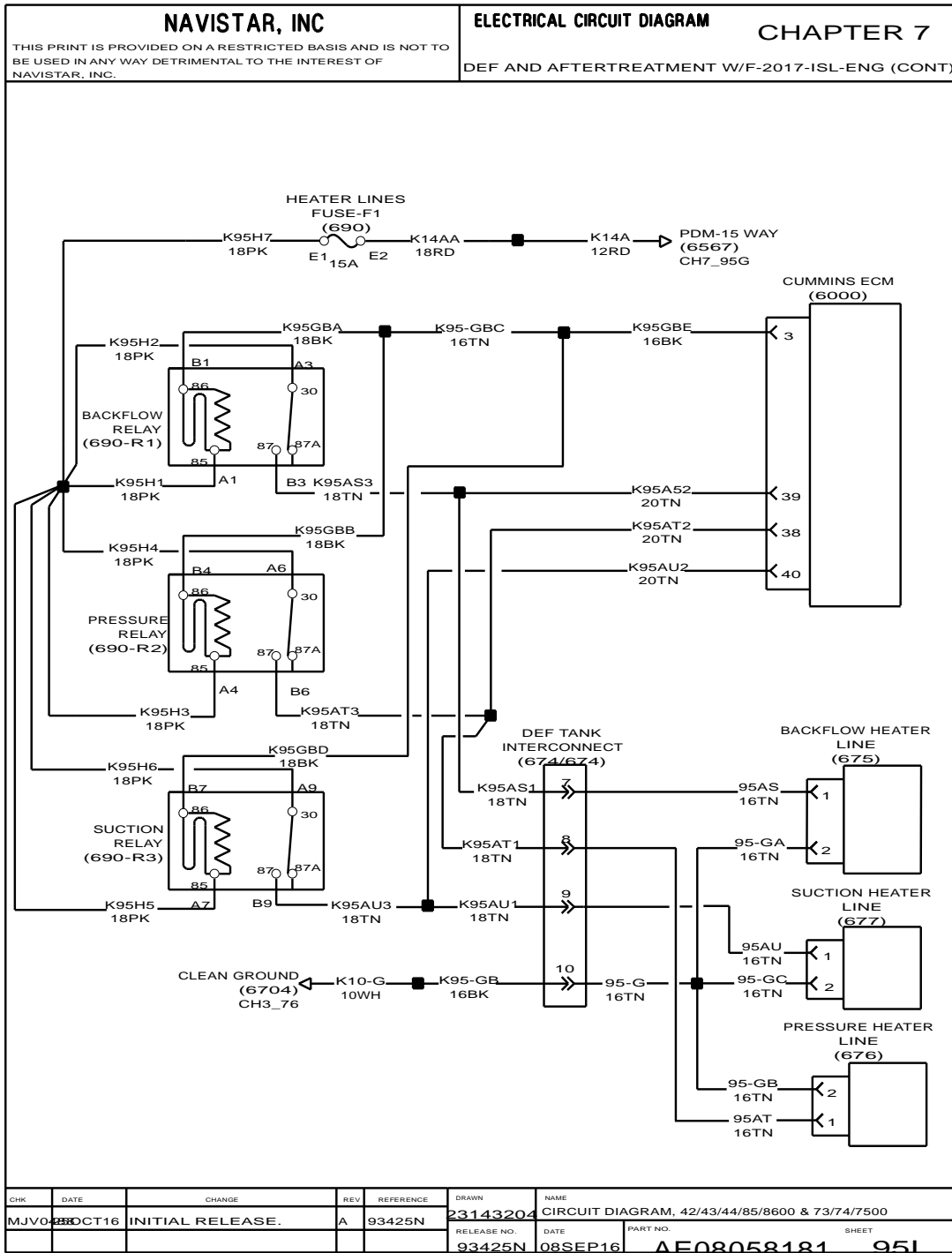


Figure 346 DEF and Aftertreatment with F-2017-ISL Engine (Cont.)

7.117. DEF AND AFTERTREATMENT WITH F-2017-ISL ENGINE (CONT.), P. 95M

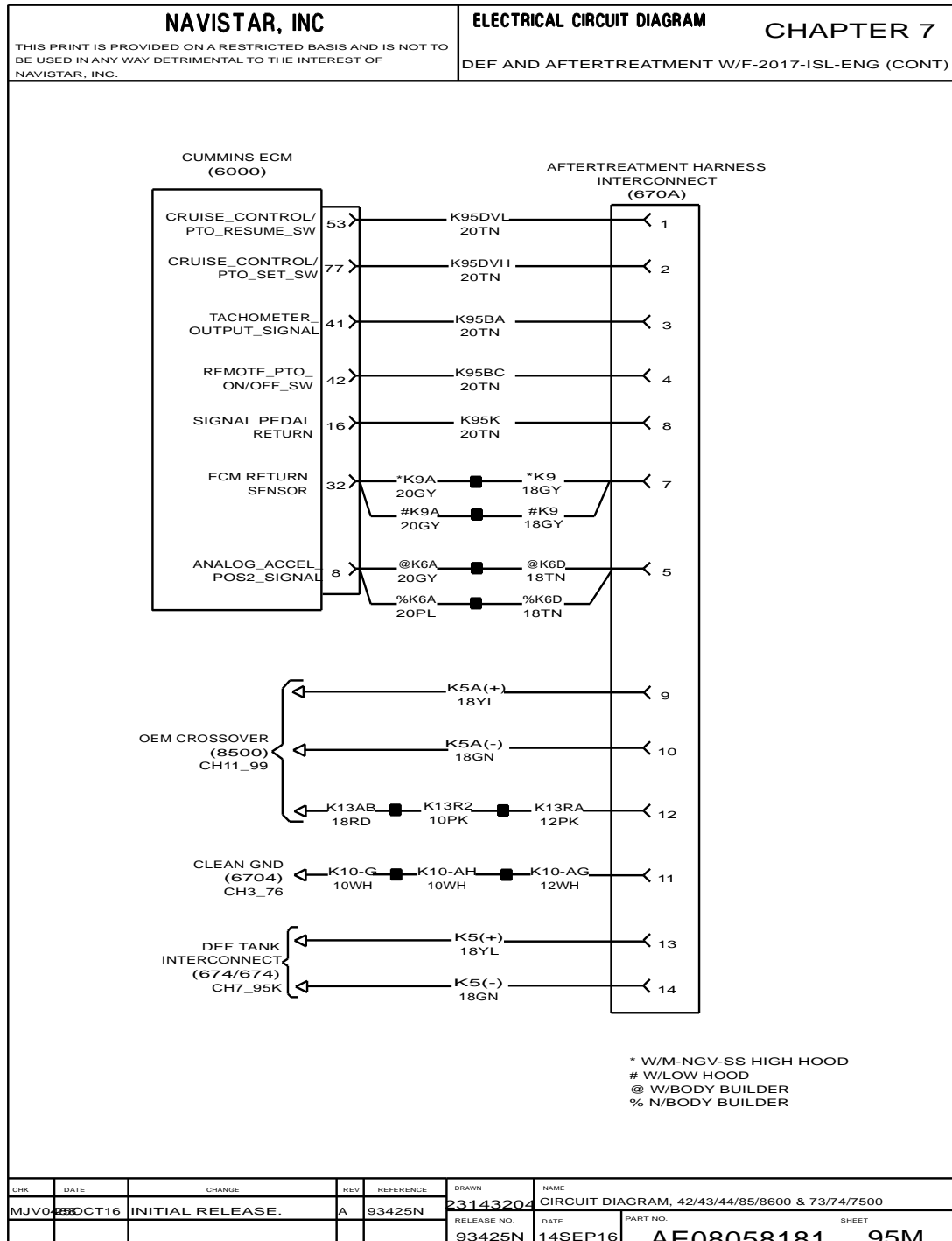


Figure 347 DEF and Aftertreatment with F-2017-ISL Engine (Cont.)

GAUGES WITH AND WITHOUT INTERNAL WARNING LIGHT (CHAPTER 8)

8.1. IP / GAUGES, P. 1

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 8																																																							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.								IP / GAUGES																																																							
INSTRUMENT PANEL GAUGES																																																															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">GAUGE</th> <th style="width: 10%;">WARN LIGHT</th> <th style="width: 50%;">SIGNAL PATH</th> <th style="width: 20%;">SENSOR LOCATION</th> </tr> </thead> <tbody> <tr> <td>RPM (TACH)</td> <td>NO</td> <td>ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>ENGINE</td> </tr> <tr> <td>MPH/KPH (SPD)</td> <td>NO</td> <td>ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>TRANSMISSION</td> </tr> <tr> <td>FUEL</td> <td>YES</td> <td>SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>FUEL TANK</td> </tr> <tr> <td>VOLT</td> <td>YES</td> <td>SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>-</td> </tr> <tr> <td>AIR 1 (PRES)</td> <td>YES</td> <td>SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>INSIDE CAB-DASH PNL</td> </tr> <tr> <td>AIR 2 (PRES)</td> <td>YES</td> <td>SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>STEERING COL AREA</td> </tr> <tr> <td>WATER (TEMP)</td> <td>YES</td> <td>ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>ENGINE</td> </tr> <tr> <td>ENG OIL (TEMP)</td> <td>YES</td> <td>ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>ENGINE</td> </tr> <tr> <td>OIL (PRES)</td> <td>YES</td> <td>ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>ENGINE</td> </tr> <tr> <td>TRANS (TEMP)</td> <td>YES</td> <td>SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>TRANSMISSION</td> </tr> <tr> <td>AIR APPLICATION</td> <td>NO</td> <td>SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>FWD CHASSIS</td> </tr> <tr> <td>REAR AXLE TEMP</td> <td>YES</td> <td>SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER</td> <td>AXLE</td> </tr> </tbody> </table>												GAUGE	WARN LIGHT	SIGNAL PATH	SENSOR LOCATION	RPM (TACH)	NO	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	ENGINE	MPH/KPH (SPD)	NO	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	TRANSMISSION	FUEL	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	FUEL TANK	VOLT	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	-	AIR 1 (PRES)	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	INSIDE CAB-DASH PNL	AIR 2 (PRES)	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	STEERING COL AREA	WATER (TEMP)	YES	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	ENGINE	ENG OIL (TEMP)	YES	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	ENGINE	OIL (PRES)	YES	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	ENGINE	TRANS (TEMP)	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	TRANSMISSION	AIR APPLICATION	NO	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	FWD CHASSIS	REAR AXLE TEMP	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	AXLE
GAUGE	WARN LIGHT	SIGNAL PATH	SENSOR LOCATION																																																												
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MPH/KPH (SPD)	NO	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	TRANSMISSION																																																												
FUEL	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	FUEL TANK																																																												
VOLT	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	-																																																												
AIR 1 (PRES)	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	INSIDE CAB-DASH PNL																																																												
AIR 2 (PRES)	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	STEERING COL AREA																																																												
WATER (TEMP)	YES	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	ENGINE																																																												
ENG OIL (TEMP)	YES	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	ENGINE																																																												
OIL (PRES)	YES	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	ENGINE																																																												
TRANS (TEMP)	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	TRANSMISSION																																																												
AIR APPLICATION	NO	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	FWD CHASSIS																																																												
REAR AXLE TEMP	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	AXLE																																																												
<p>NOTES:</p> <p>1. WARNING LIGHTS ARE PART OF THE GAUGES AND ARE LOCATED IN THE GAUGE</p>																																																															
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																									
DLV1	18SEP09	INITIAL RELEASE.	A	61229V	300647	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																									
					RELEASE NO.	DATE	PART NO.	SHEET																																																							
					61229V	28APR09	AE08058182	001																																																							

Figure 348 IP / Gauges

8.2. WARNING LIGHT LIST, P. 2

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 8	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				WARNING LIGHTS LIST					
IP WARNING LIGHTS									
WARNING LIGHT TITLE		SIGNAL PATH				SENSOR LOCATION			
RANGE INHIBITED		TRANS CTRLR / DRIVE TRAIN J1939 / CLUSTER							
FUEL FILTER		SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER				FUEL FILTER			
ENGINE (YELLOW LED)		ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER							
ENGINE (RED LED)		ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER							
BRAKE PRESSURE (O)		SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER				SWITCH			
BRAKE FLUID		SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER				BRK RESERVOIR			
TRAC CTRL		TRUCK ABS CTRLR / DRIVE TRAIN J1939 / CLUSTER							
CHECK TRANS		TRANS CTRLR / DRIVE TRAIN J1939 / CLUSTER							
TRAILER ABS		TRLR ABS CTRLR / DRIVE TRAIN J1939 / CLUSTER							
WASHER FLUID		SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER				WASHER BOTTLE			
(LEFT TURN)		SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER				TURN SIG SW			
AIR BAG		DISCRETE NOT ON DATA BUS							
WATER IN FUEL		SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER				FUEL FILTER			
COOLANT LEVEL		ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER				SURGE TANK			
CHECK ELECT SYS		SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER							
PARK (P)		SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER				SWITCH			
CRUISE		SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER							
ABS		TRUCK CTRLR / DRIVE TRAIN J1939 / CLUSTER							
(RIGHT TURN)		SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER							
WAIT TO START		ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER							
FASTEN BELTS		SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER							
(HIGH BEAM IND)		SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER							
COLD AMB PROT		SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER							
RETARD OVERHEAT		TRANS CTRLR / DRIVE TRAIN J1939 / CLUSTER				TRANSMISSION			
CHECK AC		SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER							
AUTO NEUTRAL		DISCRETE NOT ON DATA BUS				SWITCH			
ALTERNATOR		DISCRETE NOT ON DATA BUS							
PTO/THROTTLE		SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER							
OPTIMIZED IDLE		DISCRETE NOT ON DATA BUS							
SNOW VALVE		DISCRETE NOT ON DATA BUS				SNOW VALVE			
FR AXLE DIFF LOCK		DISCRETE NOT ON DATA BUS				FWD RR AXLE			
RR AXLE DIFF LOCK		DISCRETE NOT ON DATA BUS				RR RR AXLE			
MESSAGE WAIT		DISCRETE NOT ON DATA BUS							
PTO		DISCRETE NOT ON DATA BUS							
CONVERTER TEMP		DISCRETE NOT ON DATA BUS							
TOUCH LOC RELEASE		DISCRETE NOT ON DATA BUS							
PARK FLUID		SYSTEM CTRLR/DRIVE TRAIN							
FR AXLE ENGAGED		DISCRETE NOT ON DATA BUS				TRANSFER CASE			
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME			
DLV1	18SEP09	INITIAL RELEASE.	A	61229V	300647	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500			
					RELEASE NO.	DATE	PART NO.	SHEET	
					61229V	28APR09	AE08058182	002	

Figure 349 Warning Light List

8.3. WARNING LIGHTS CONTROLLED BY ENGINE, TRANSMISSION, ABS CONTROLLER, P. 3

INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>	ELECTRICAL CIRCUIT DIAGRAM CHAPTER 8 WARNING LIGHTS CONTROLLED BY ENGINE, TRANSMISSION, ABS CONTROLLER						
<p>THE FOLLOWING WARNING LIGHTS ARE CONTROLLED BY THE ENGINE, TRANSMISSION, OR ABS CONTROLLER OVER THE DATA BUS AND DO NOT HAVE INDEPENDENT CIRCUITS THAT CAN BE OR NEEDS TO BE SHOWN:</p> <ul style="list-style-type: none"> DO NOT SHIFT ENGINE (YELLOW LENS) ENGINE (RED LENS) TRAC CTRL CHECK TRANS TRAILER ABS CHECK ELECTR SYS ABS WAIT TO START RETARD OVERHEAT AUTO NEUTRAL OPTIMIZED IDLE 							
<small>CHK</small>	<small>DATE</small>	<small>CHANGE</small>	<small>REV</small>	<small>REFERENCE</small>	<small>DRAWN</small>	<small>NAME</small>	
DLV1	18SEP09	INITIAL RELEASE.	A	61229V	300647	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
					<small>RELEASE NO.</small>	<small>DATE</small>	<small>PART NO.</small>
					61229V	28APR09	AE08058182
							<small>SHEET</small> 003

Figure 350 Warning Lights Controlled by Engine, Transmission, ABS Controller

8.4. ENGINE OIL PRESSURE AND TEMP, SPEEDOMETER, TACHOMETER, VOLTMETER AND WATER TEMP GAUGE CIRCUITS, P. 4

INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>	ELECTRICAL CIRCUIT DIAGRAM CHAPTER 8 ENG OIL PRESS & TEMP, SPEEDOMETER, TACH, VOLTMETER & WATER TEMP GAUGE CIRCUITS					
<p>REFER TO CONSOLIDATED ENGINE / VEHICLE CONTROLLER DIAGNOSTICS MANUAL EGES-175 (DT466E), EGES-190 (T444E), FOR CIRCUIT DIAGRAMS SHOWING INPUT CIRCUIT FOR THE FOLLOWING DATALINK DRIVEN SYSTEM:</p> <p>ENGINE OIL PRESSURE GAUGE</p> <p>ENGINE OIL TEMPERATURE GAUGE</p> <p>SPEEDOMETER GAUGE</p> <p>TACHOMETER GAUGE</p> <p>WATER TEMPERATURE GAUGE</p>						
<small>CHK</small>	<small>DATE</small>	<small>CHANGE</small>	<small>REV</small>	<small>REFERENCE</small>	<small>DRAWN</small>	<small>NAME</small>
DLV1	18SEP09	INITIAL RELEASE.	A	61229V	300647	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					<small>RELEASE NO.</small>	<small>DATE</small>
					61229V	28APR09
						<small>PART NO.</small>
						AE08058182
						<small>SHEET</small>
						004

Figure 351 Engine Oil Pressure and Temp, Speedometer, Tachometer, Voltmeter and Water Temp Gauge Circuits

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

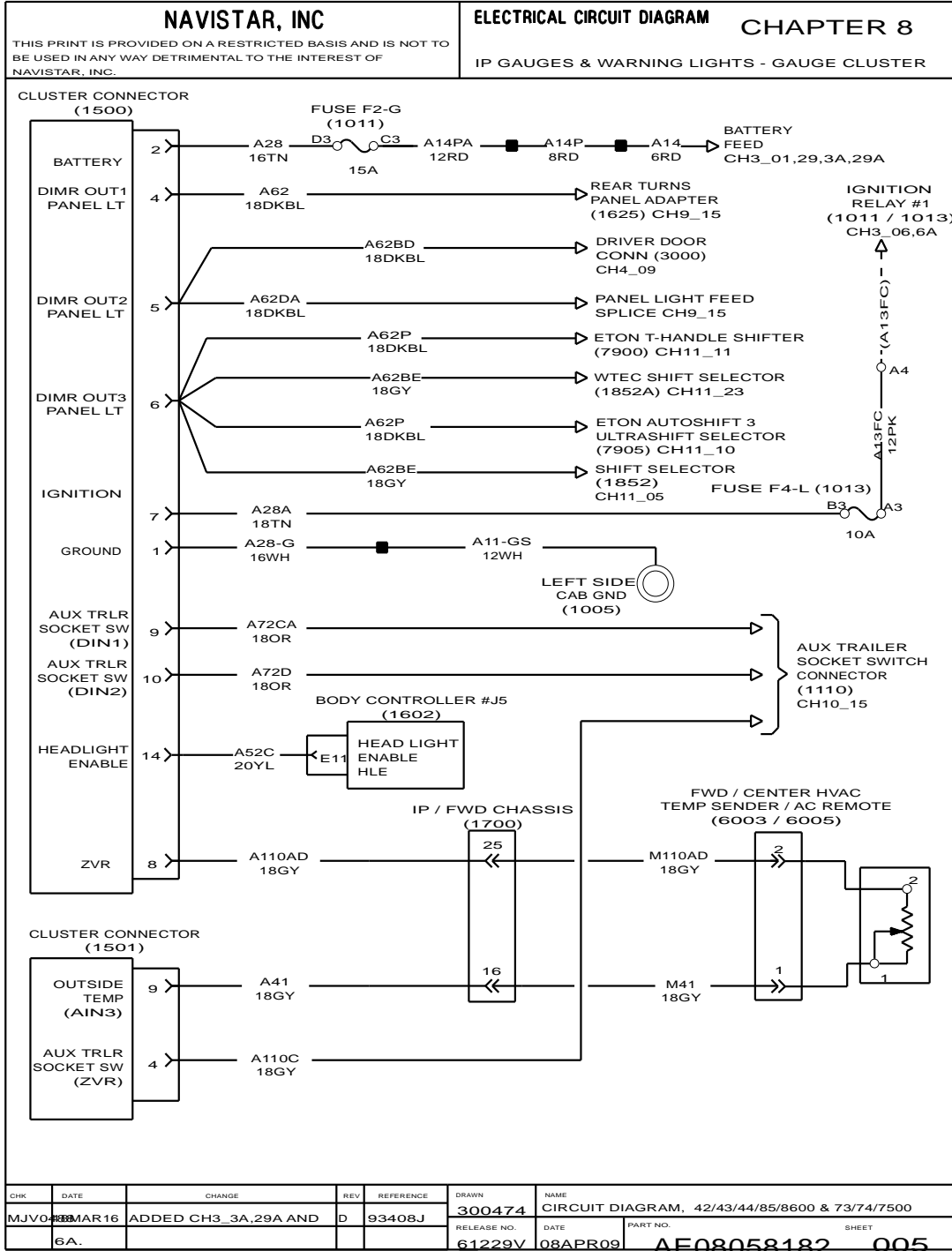


Figure 352 IP Gauges and Warning Lights — Gauge Cluster

8.6. AIR PRESSURE INPUT CIRCUIT, P. 6

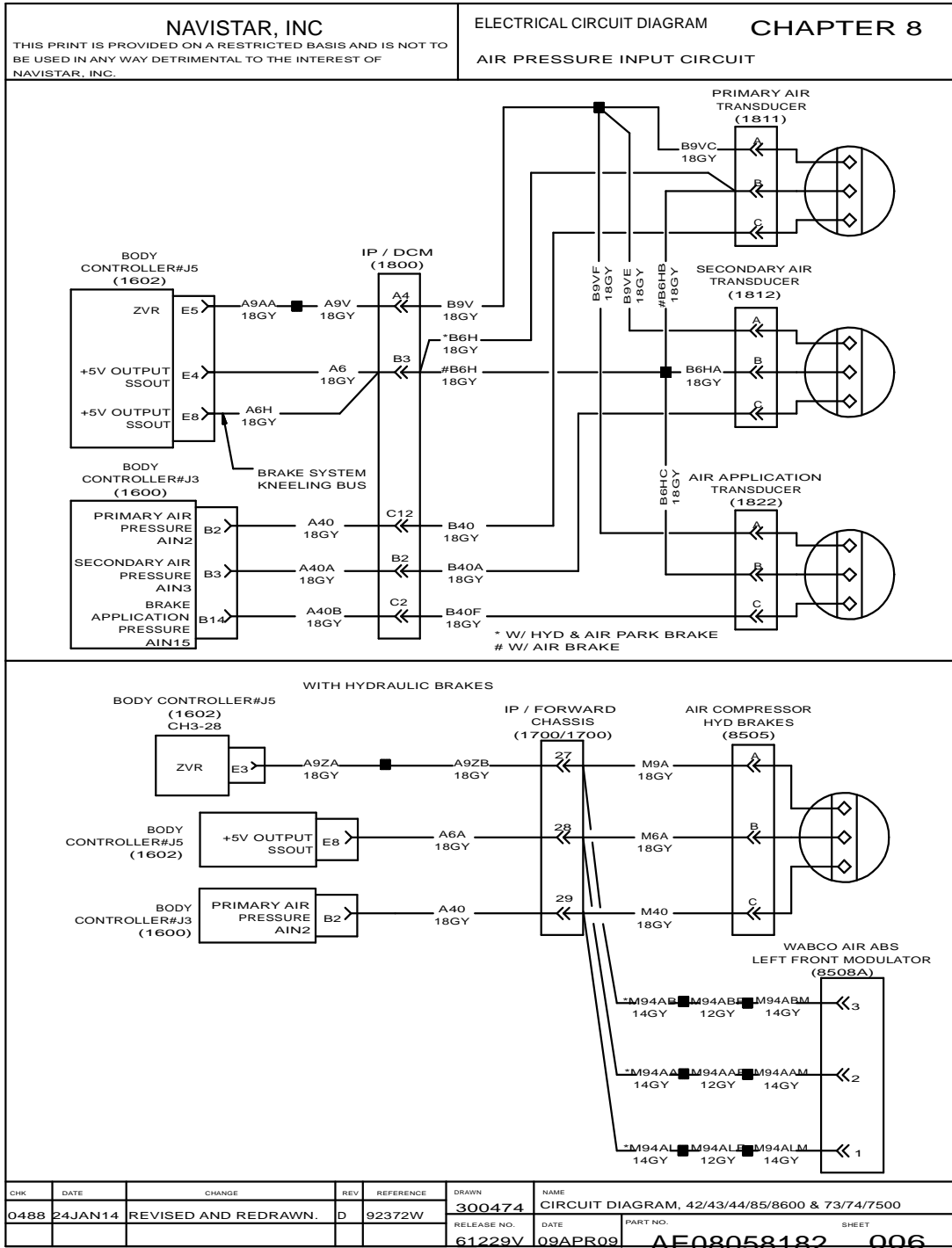


Figure 353 Air Pressure Input Circuit

8.7. AXLE TEMPERATURE, GAUGE INPUT CIRCUIT, P. 7

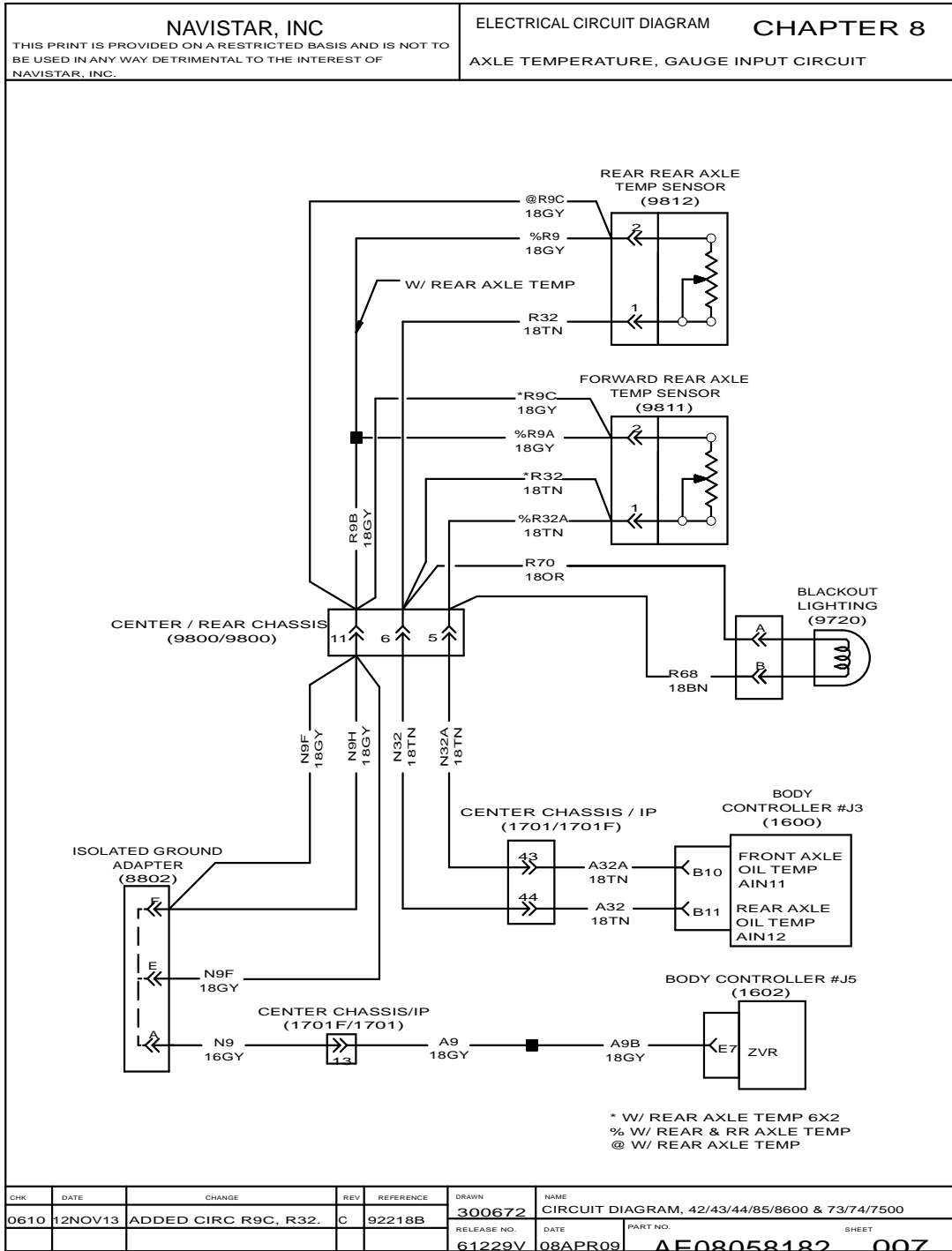


Figure 354 Axle Temperature, Gauge Input Circuit

8.8. FUEL GAUGE CIRCUITRY (SINGLE TANK AND DUAL TANK), P. 8

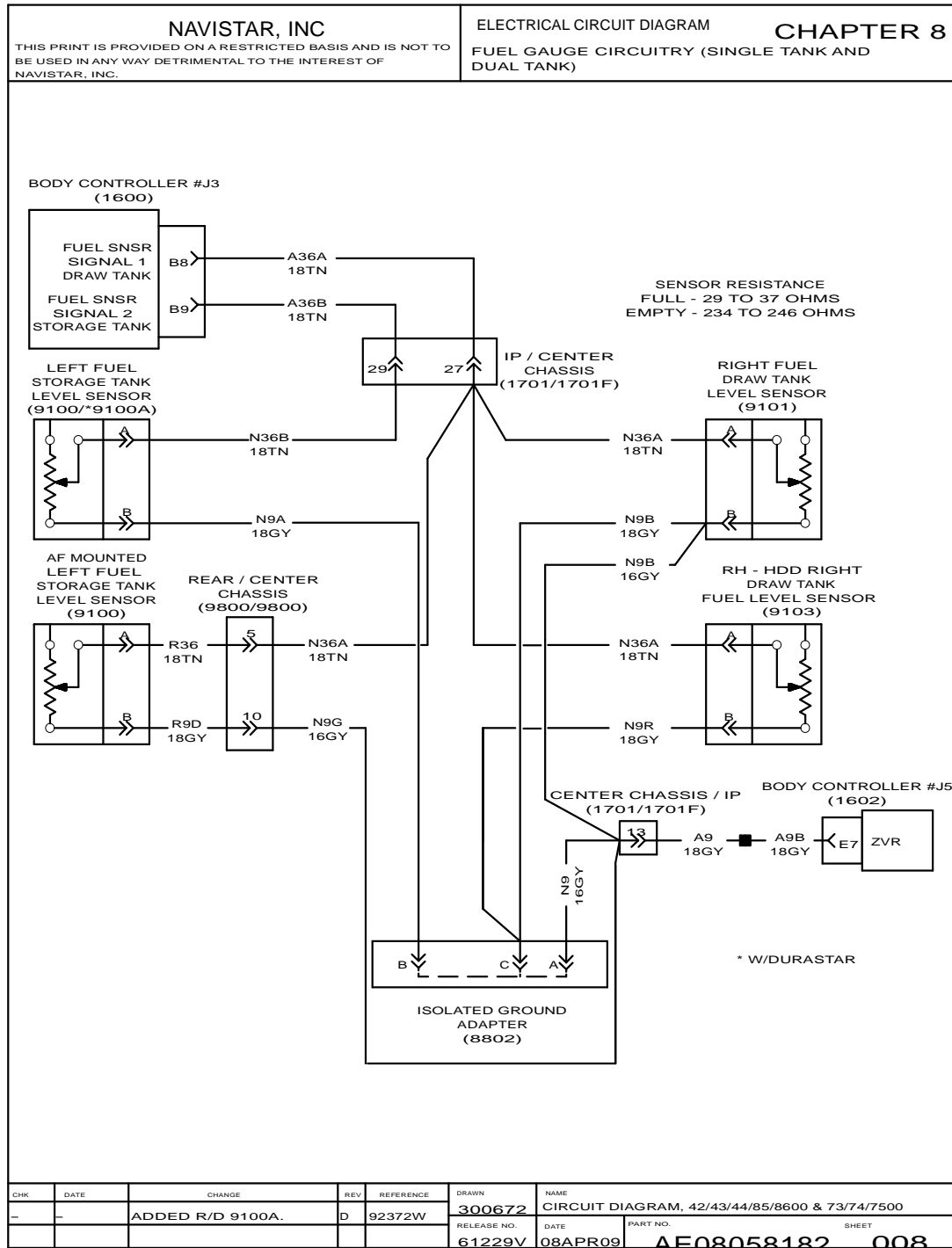


Figure 355 Fuel Gauge Circuitry (Single Tank and Dual Tank)

8.9. FUEL GAUGE CIRCUITRY, P. 8A

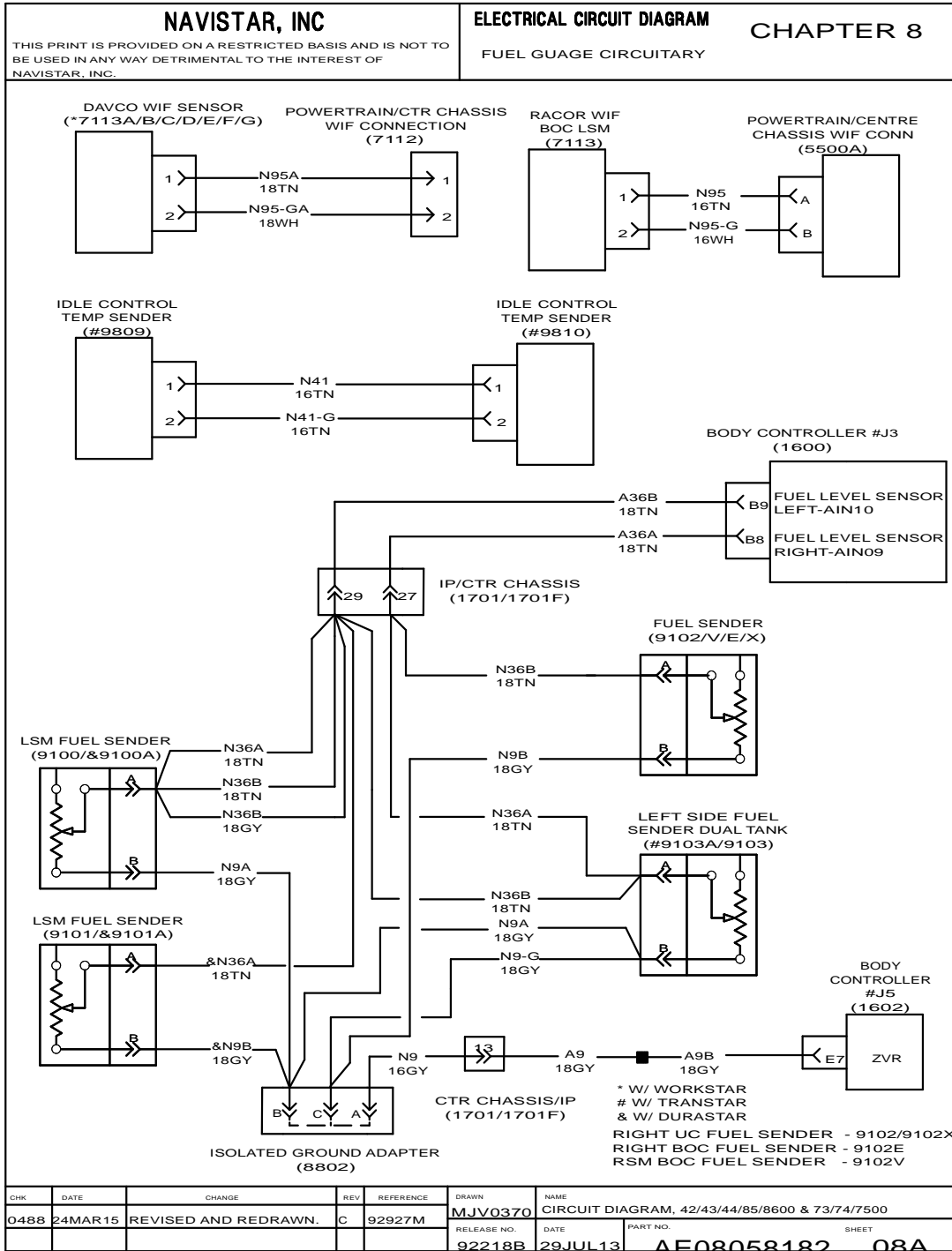


Figure 356 Fuel Gauge Circuitry

8.10. DIFFERENTIAL LOCK WARNING LAMPS, P. 9

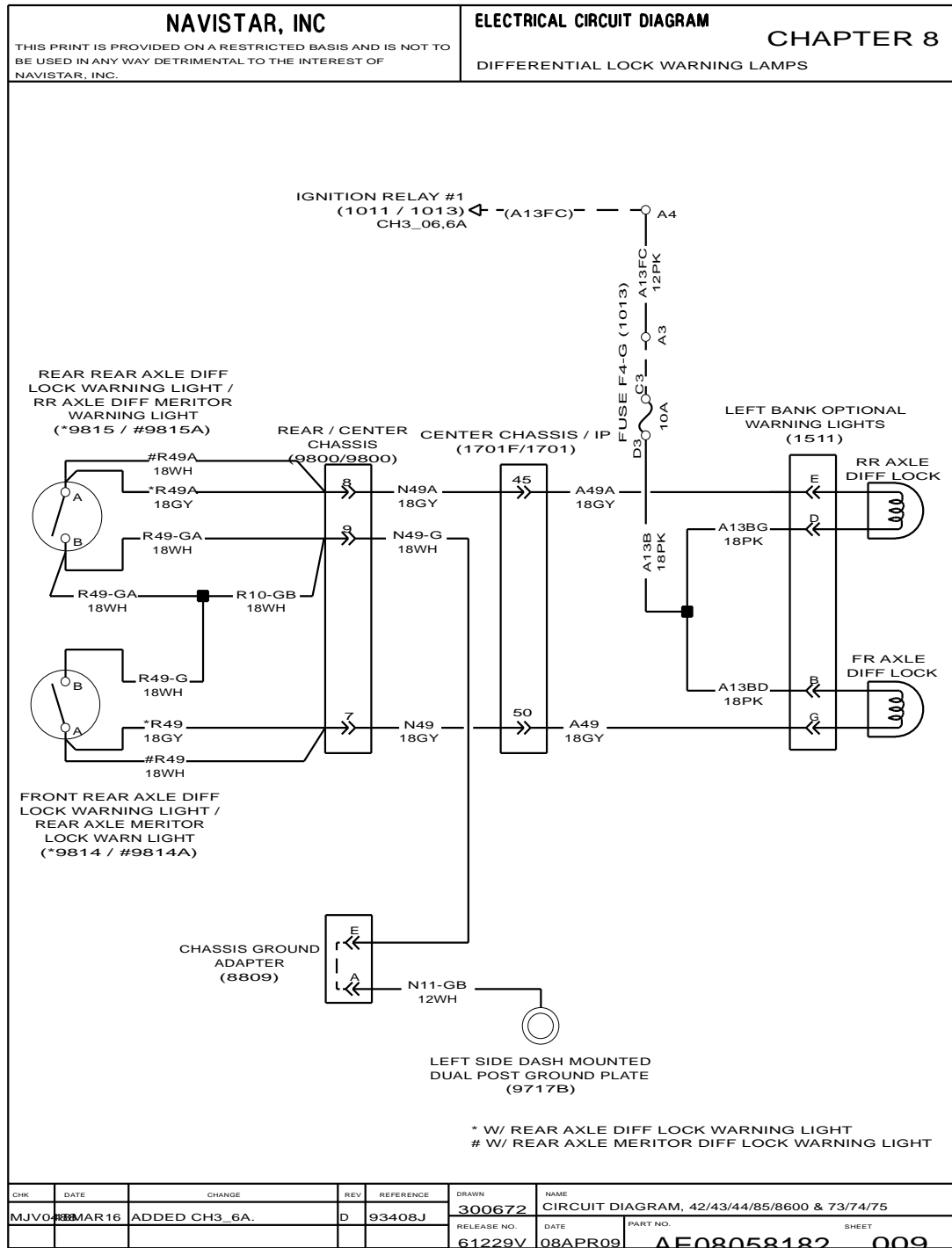
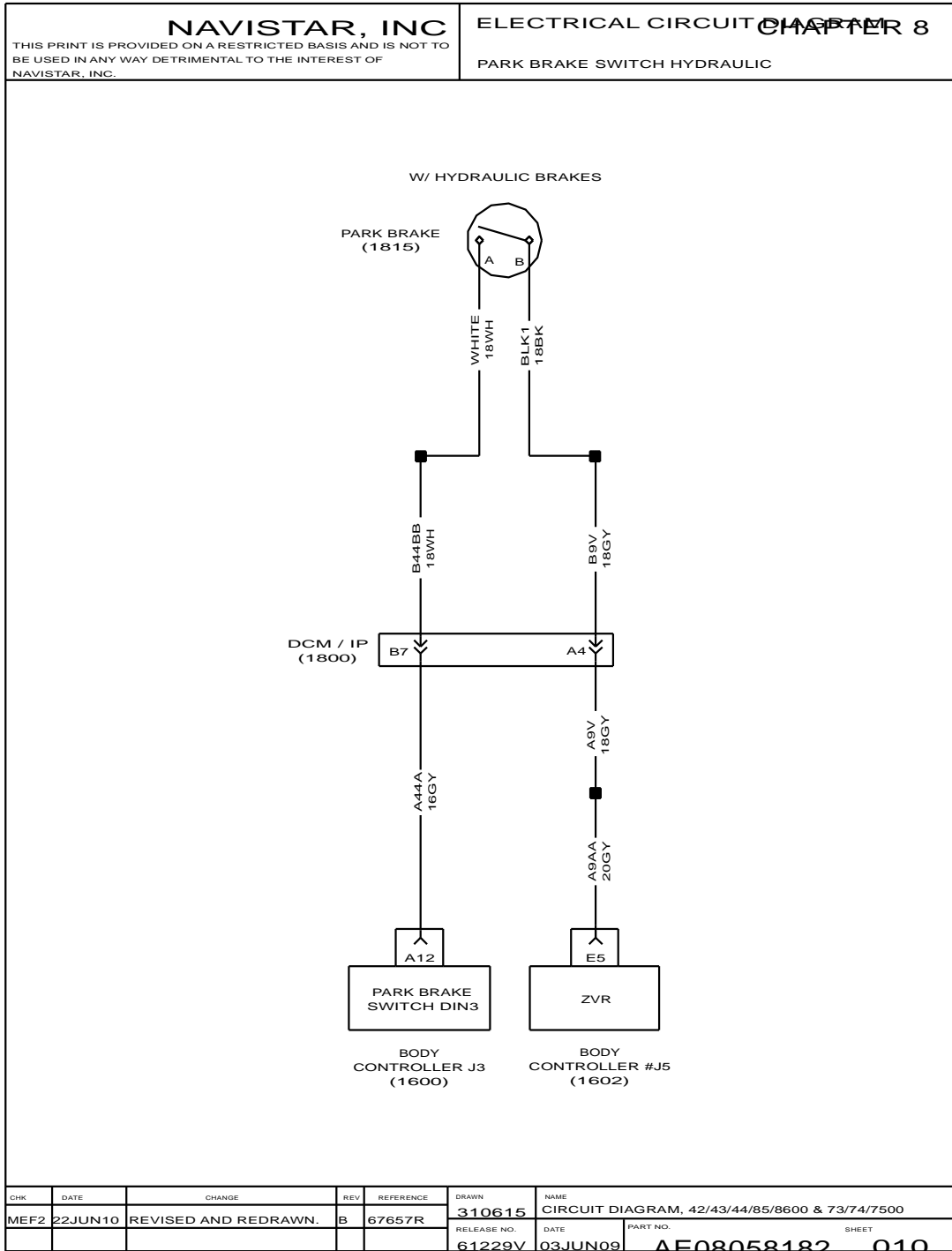


Figure 357 Differential Lock Warning Lamps

8.11. PARK BRAKE SWITCH HYDRAULIC, P. 10



8.12. GAUGES AND WARNING LIGHTS – AMMETER, P. 11

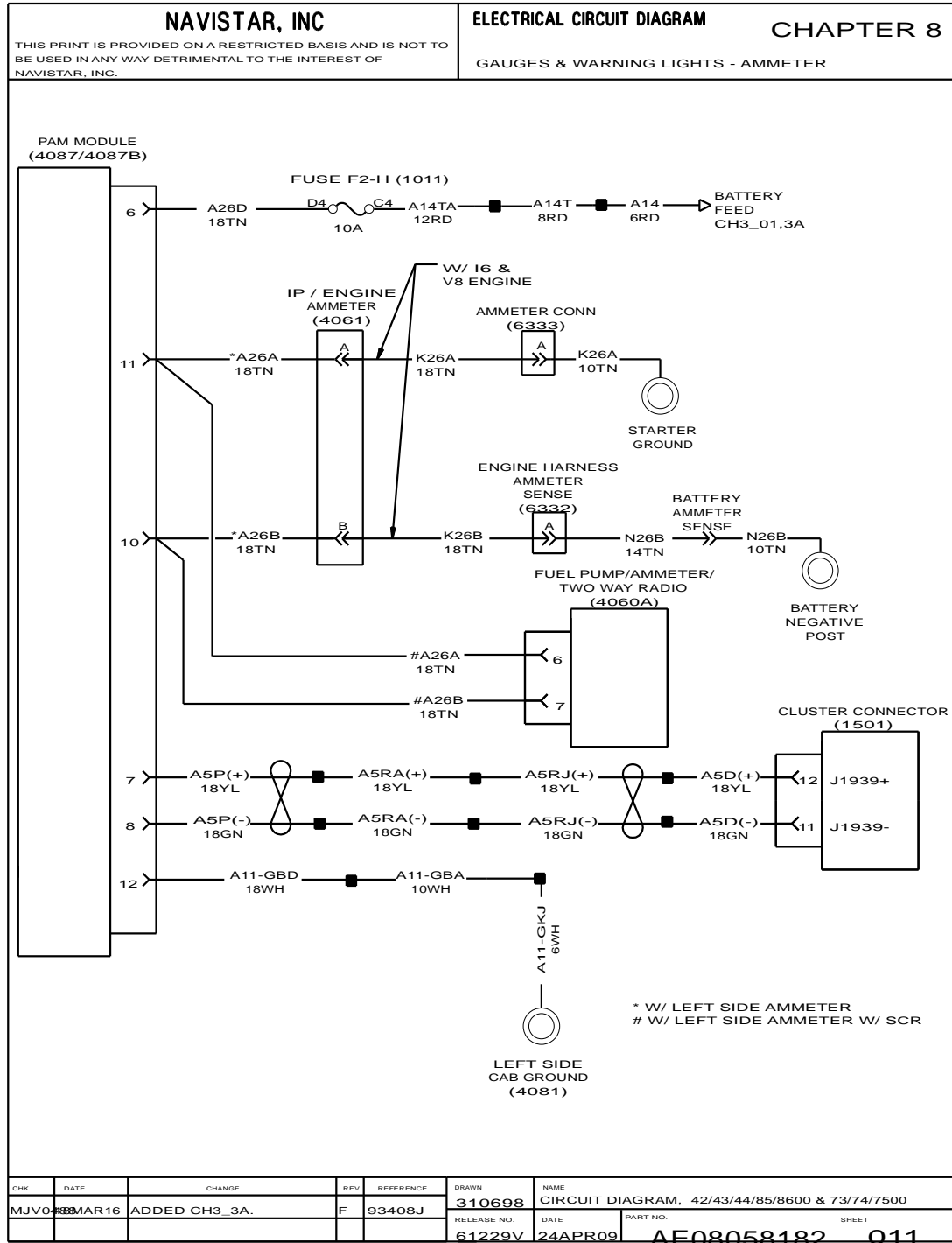


Figure 359 Gauges and Warning Lights – Ammeter

8.13. FRONT AXLE ENGAGEMENT WARNING LAMP, P. 12

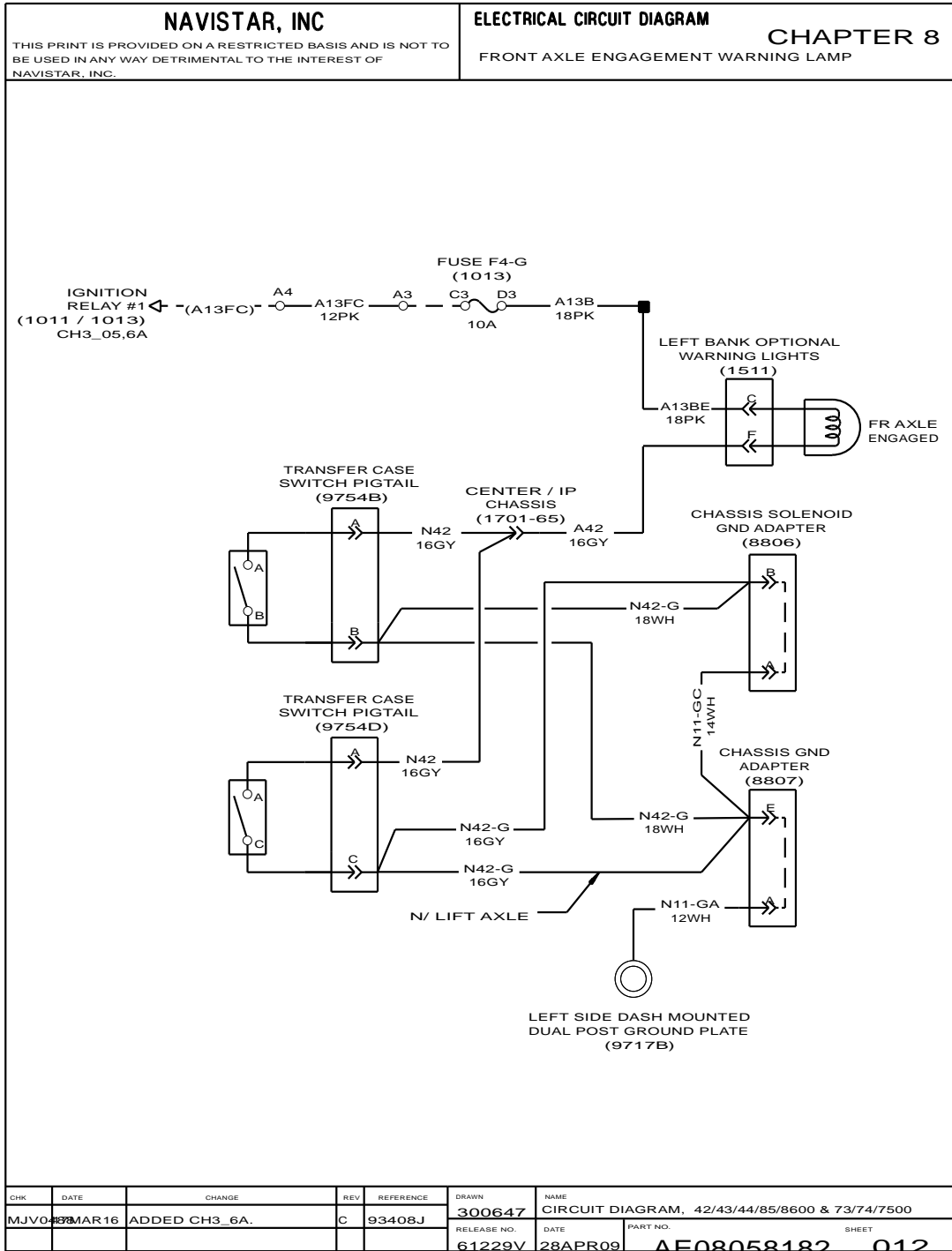


Figure 360 Front Axle Engagement Warning Lamp

8.14. WARNING LIGHTS – RIGHT BANK – OPTIONAL, P. 13

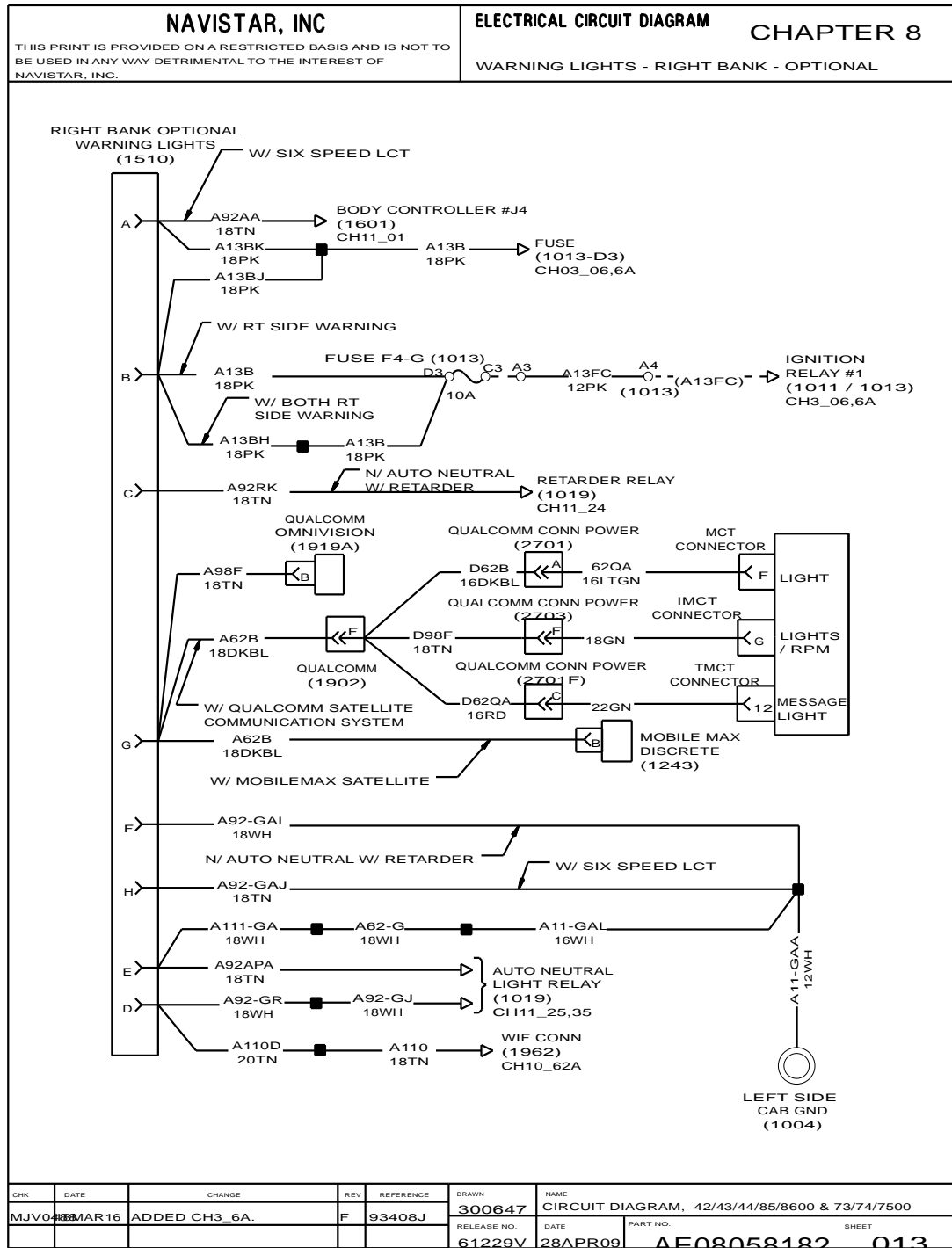


Figure 361 Warning Lights – Right Bank – Optional

8.15. WARNING LIGHTS – LEFT BANK – OPTIONAL, P. 14

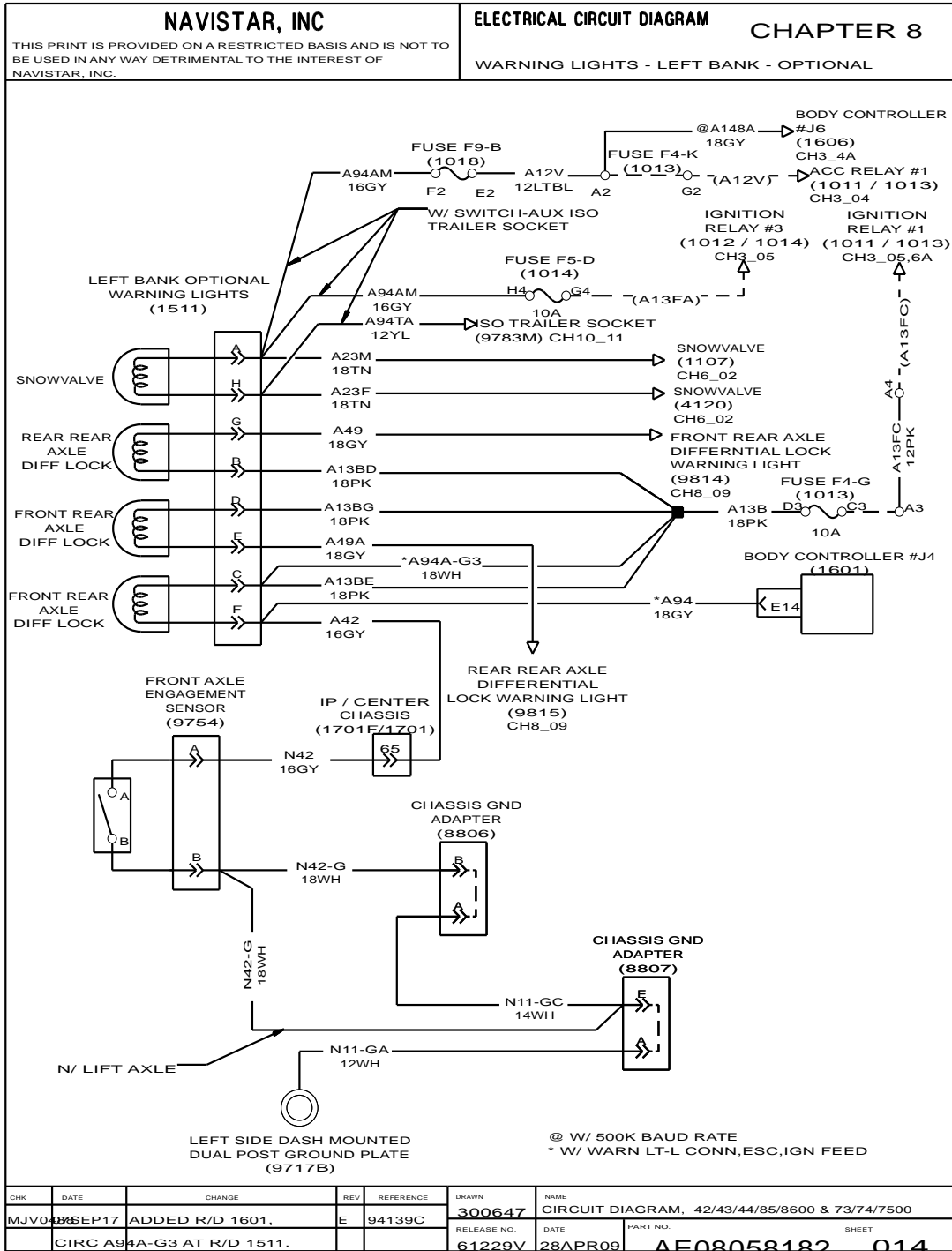


Figure 362 Warning Lights – Left Bank – Optional

8.16. LOAD MONITORING, P. 15

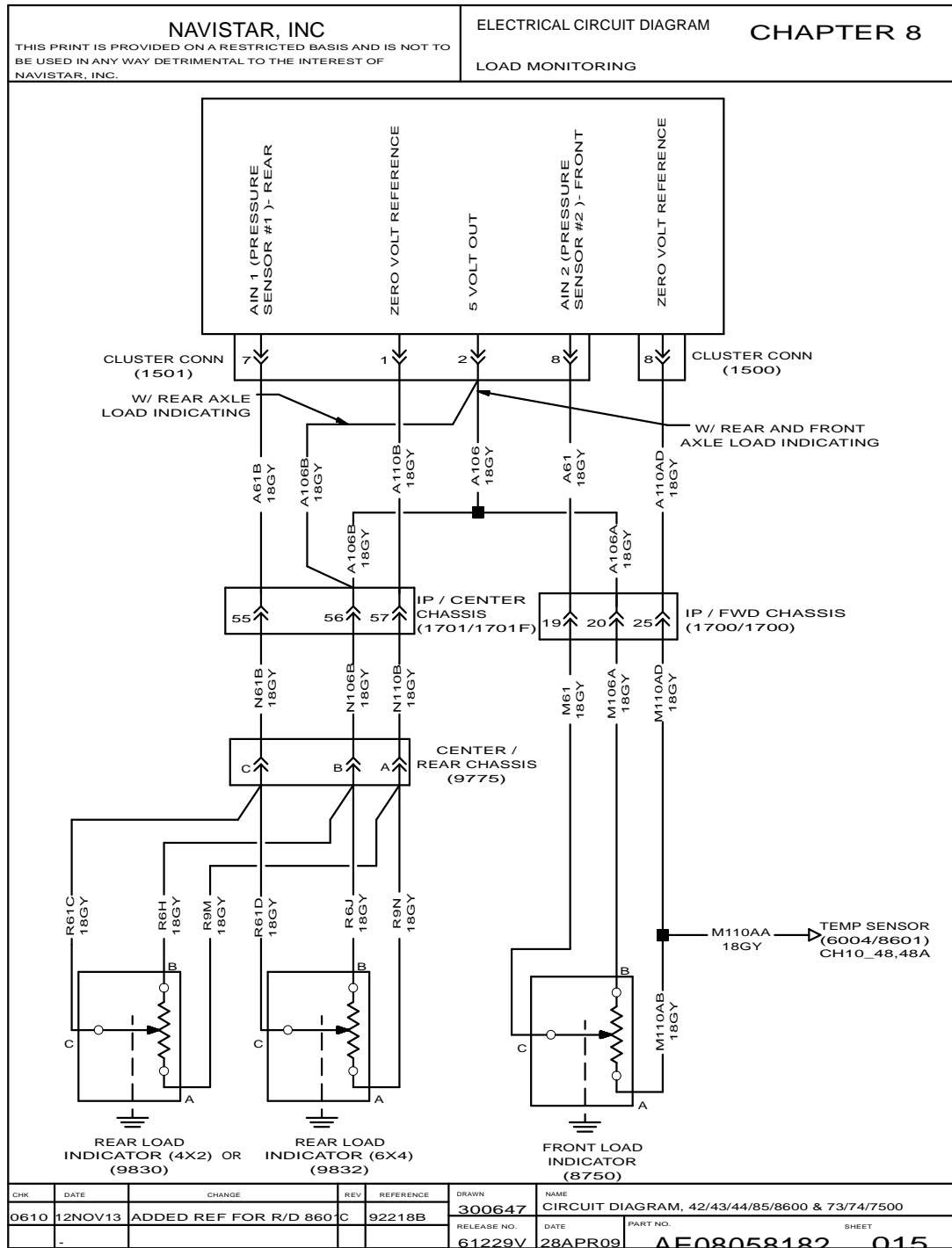


Figure 363 Load Monitoring

8.17. LOAD MONITORING (CONT.), P. 15A

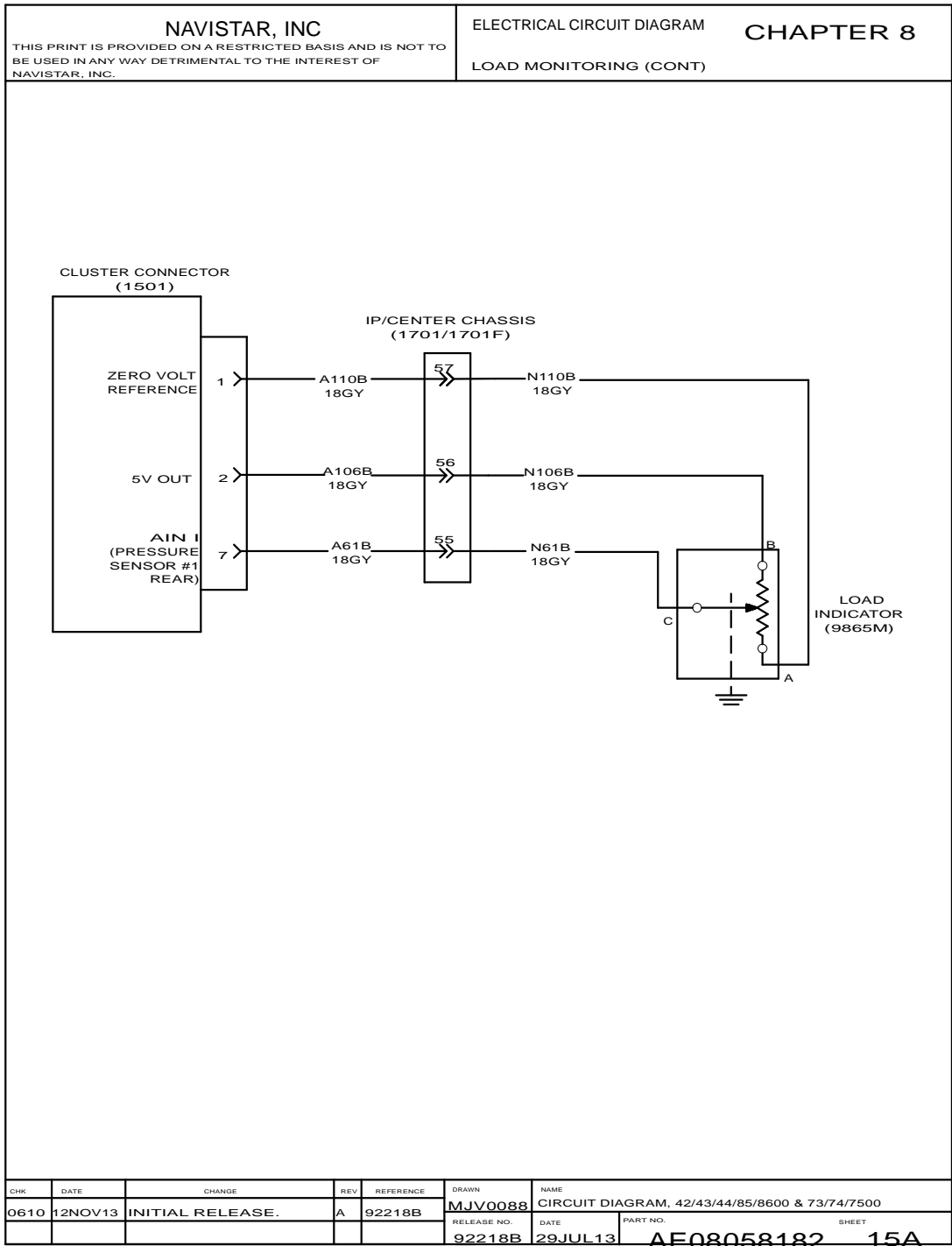


Figure 364 Load Monitoring (Cont.)

8.18. AIR PARK BRAKE AND MANUAL TRANSMISSION OIL TEMPERATURE GAUGE, P. 16

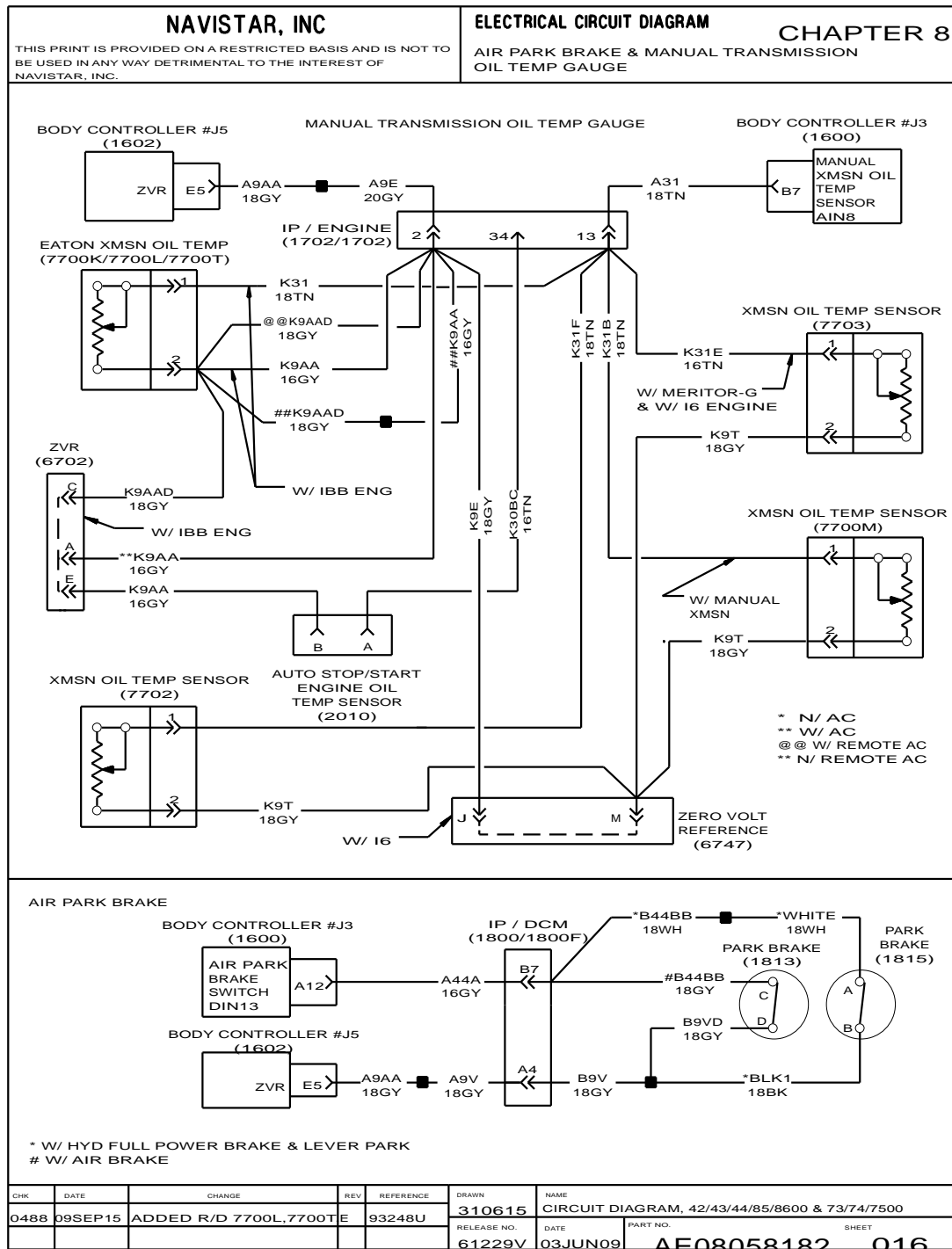


Figure 365 Air Park Brake and Manual Transmission Oil Temperature Gauge

8.19. OIL TEMP GAUGE WITH MANUAL TRANSMISSION F-2013 ISL ENGINE, P. 16A

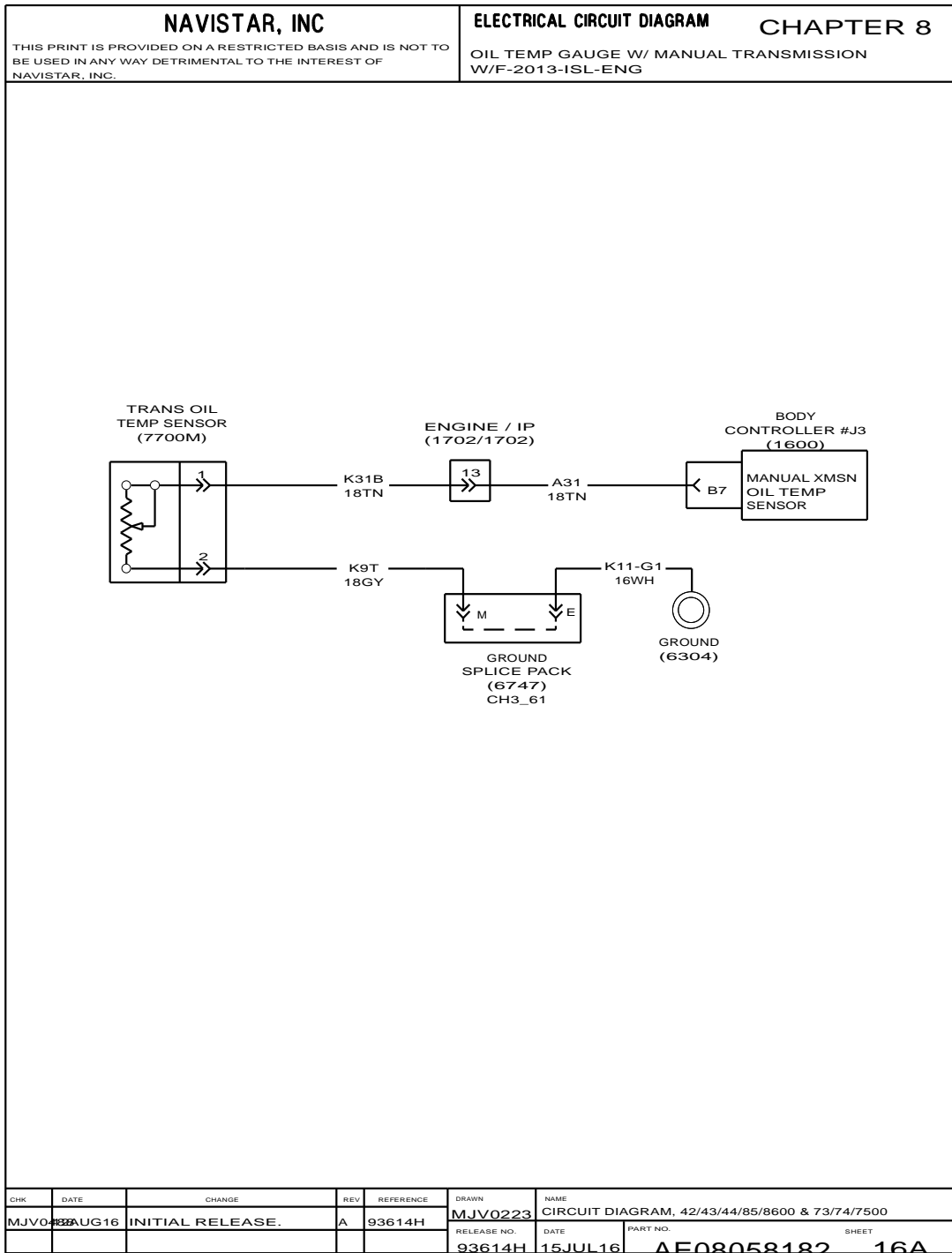


Figure 366 Oil Temp Gauge with Manual Transmission F-2013 ISL Engine

8.20. OIL TEMP GAUGE WITH F-2017 ISB ENGINE, P. 16B

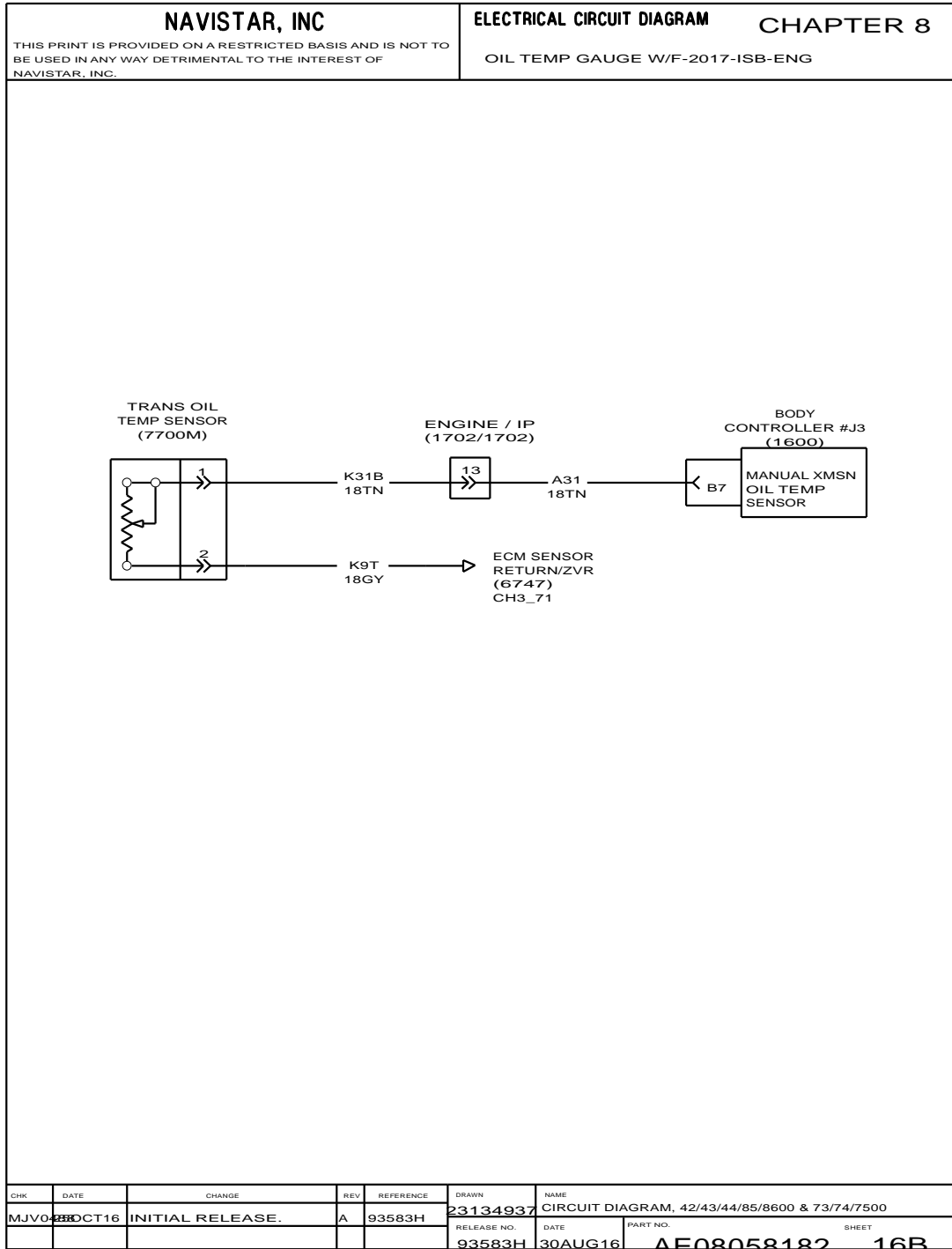


Figure 367 Oil Temp Gauge with F-2017 ISB Engine

8.21. OIL TEMP GAUGE WITH MANUAL TRANSMISSION WITH F-2017 ISL ENGINE, P. 16C

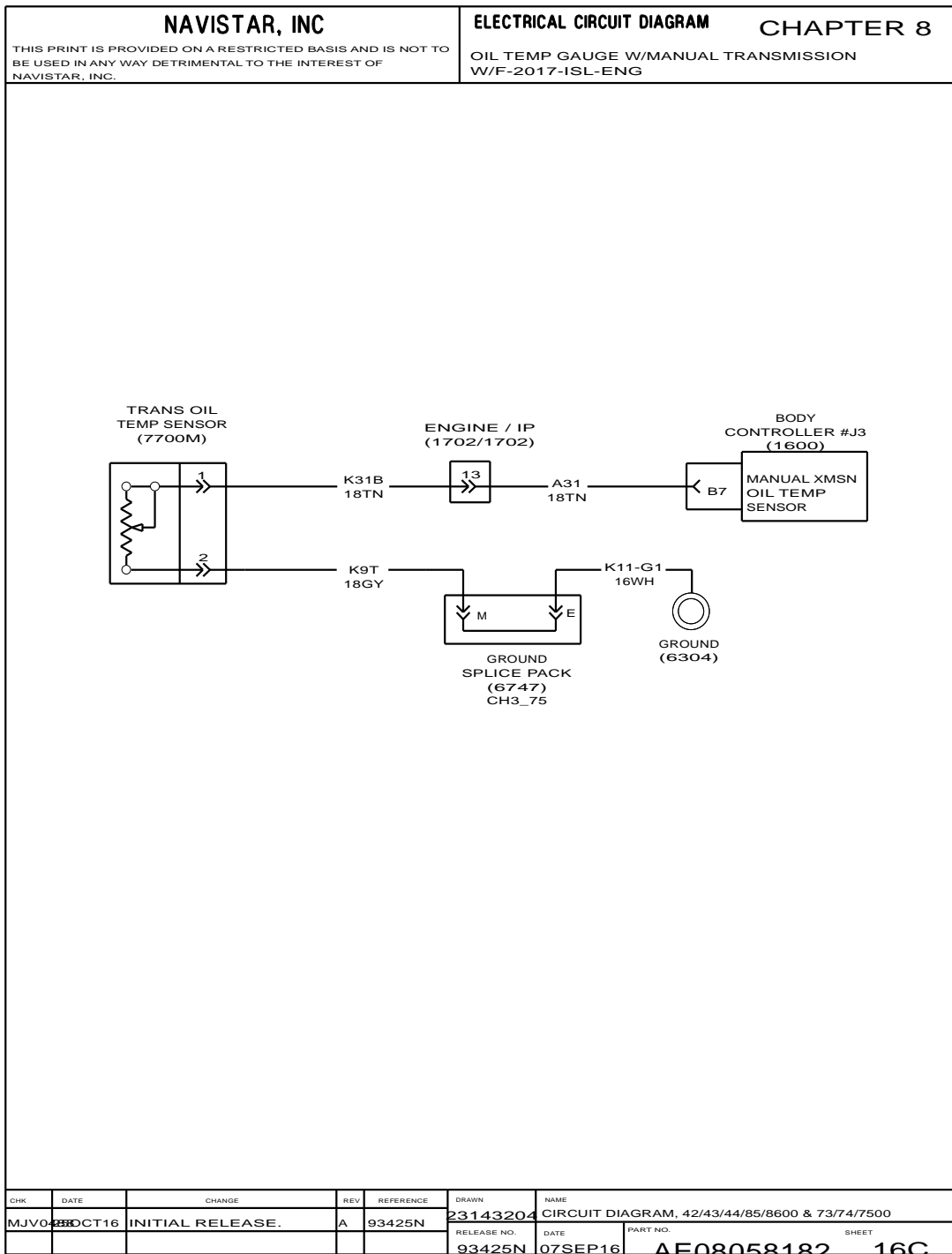


Figure 368 Oil Temp Gauge with Manual Transmission with F-2017 ISL Engine

8.22. FUEL HEATER CONNECTIONS, P. 17

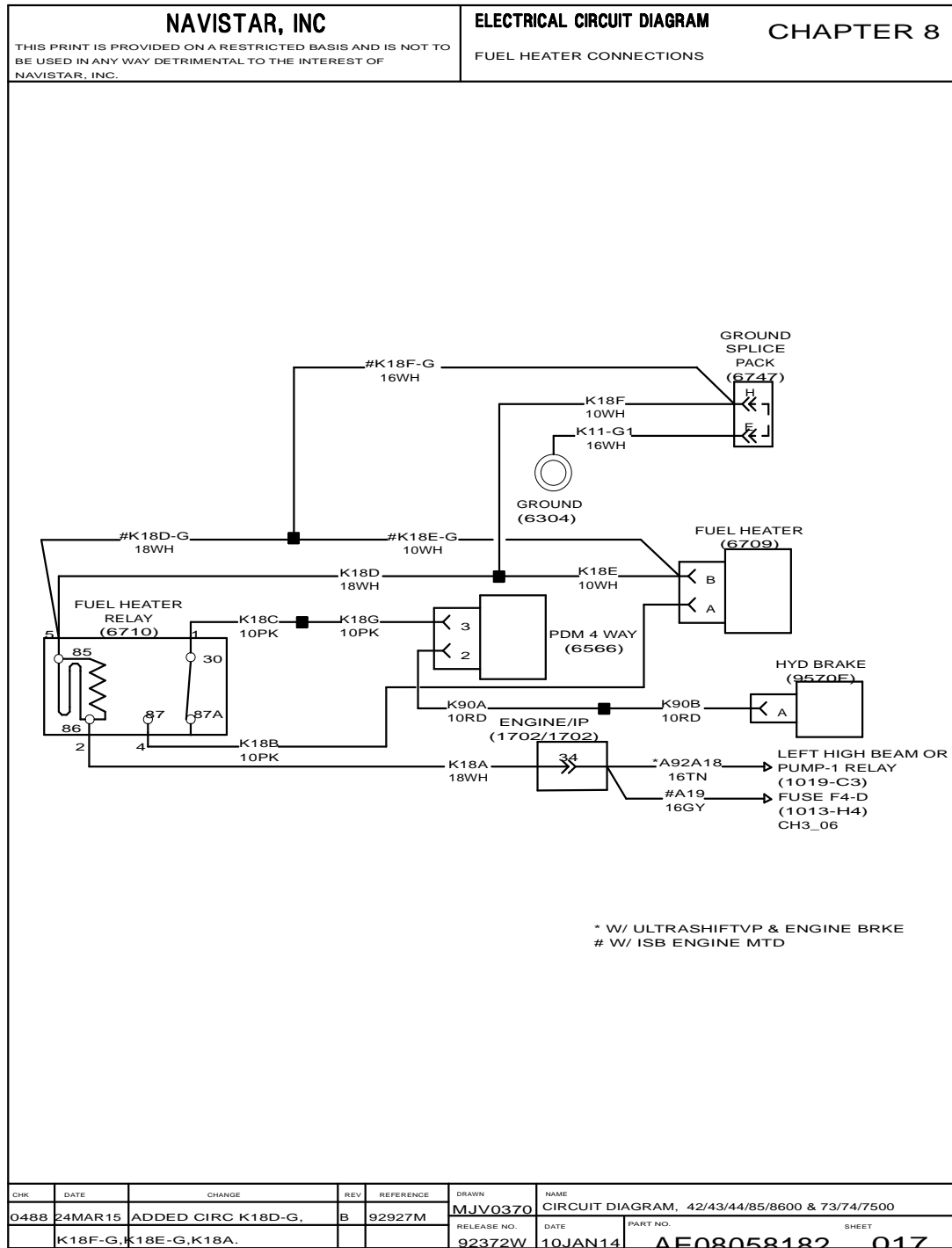


Figure 369 Fuel Heater Connections

8.23. FUEL HEATER CONNECTIONS (CONT.), P. 18

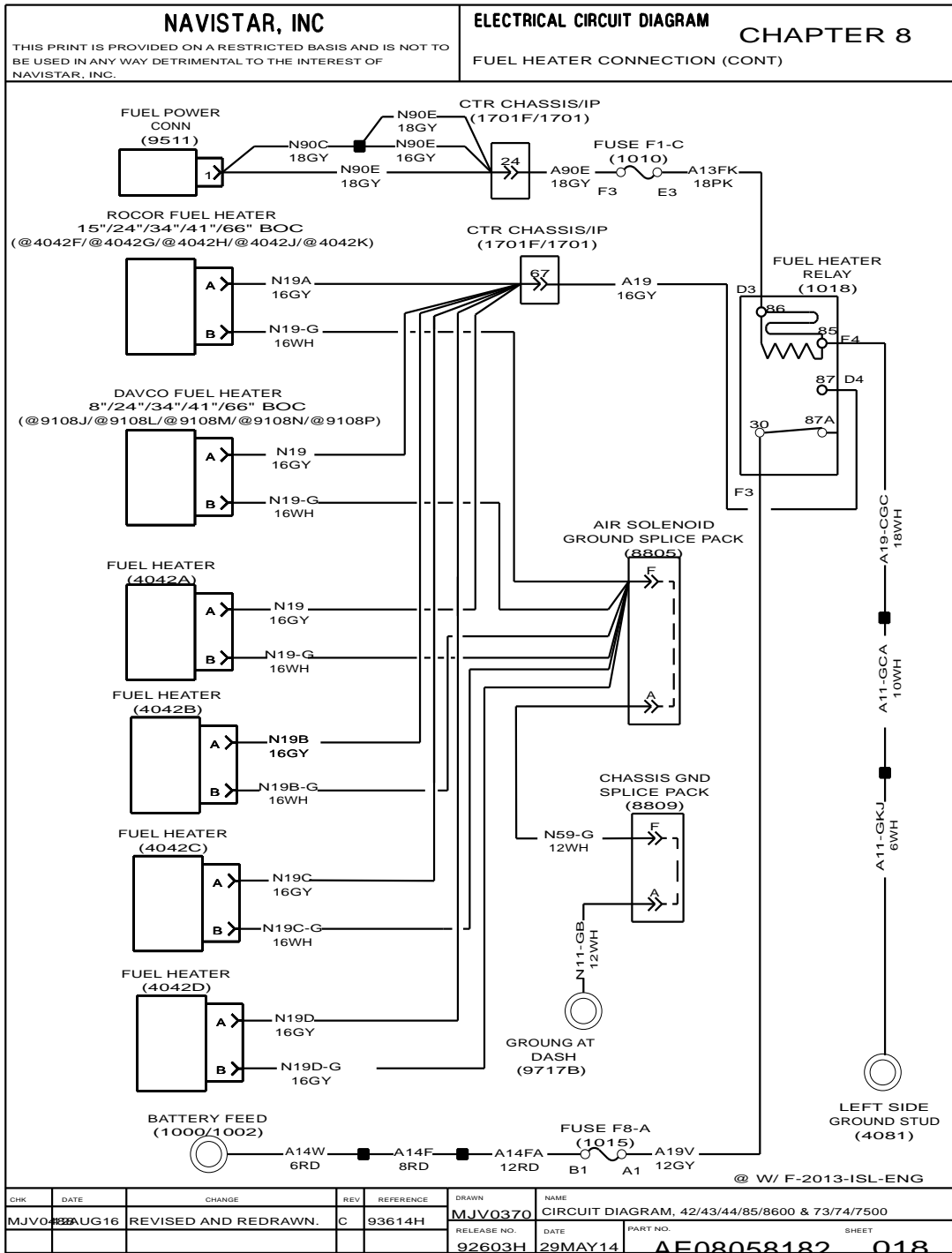


Figure 370 Fuel Heater Connections (Cont.)

8.24. BATTERY WARNING INDICATOR, P. 19

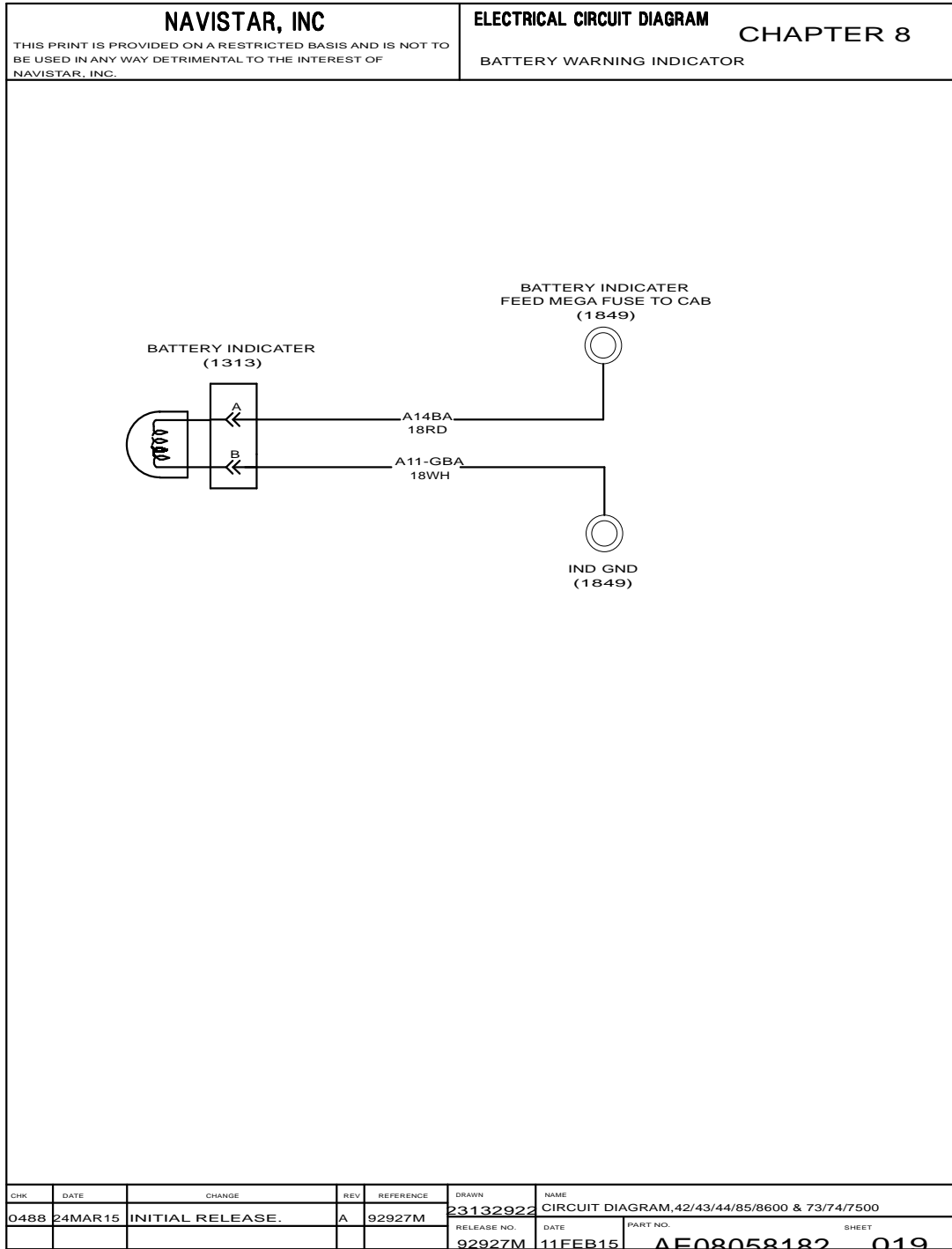


Figure 371 Battery Warning Indicator

8.25. RACOR / DAVCO WATER IN FUEL (WIF) SENSOR WIRING, P. 20

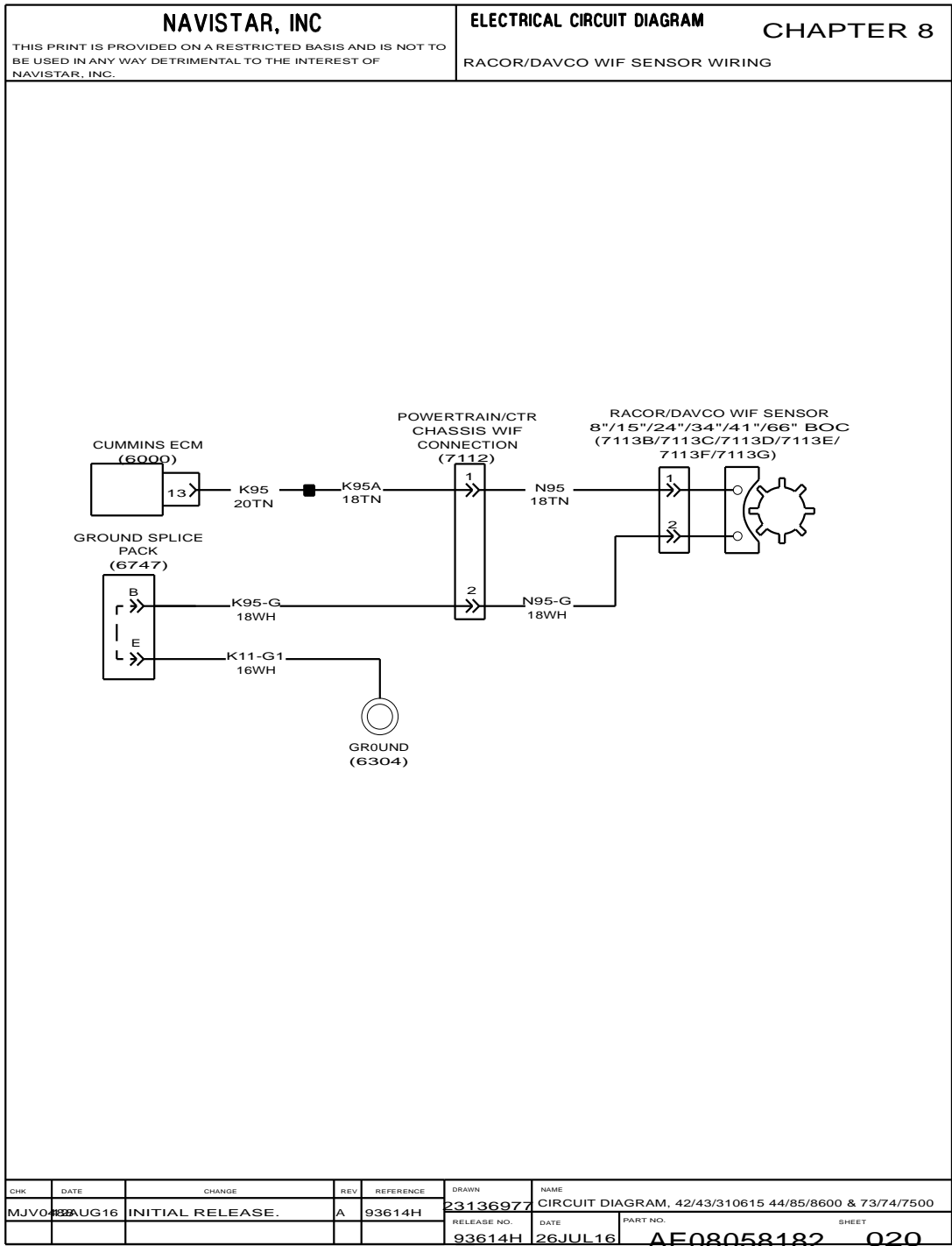


Figure 372 Racor / Davco Water in Fuel (WIF) Sensor Wiring

8.26. AMBIENT AIR TEMPERATURE WITH F-2017-ISB ENGINE, P. 21

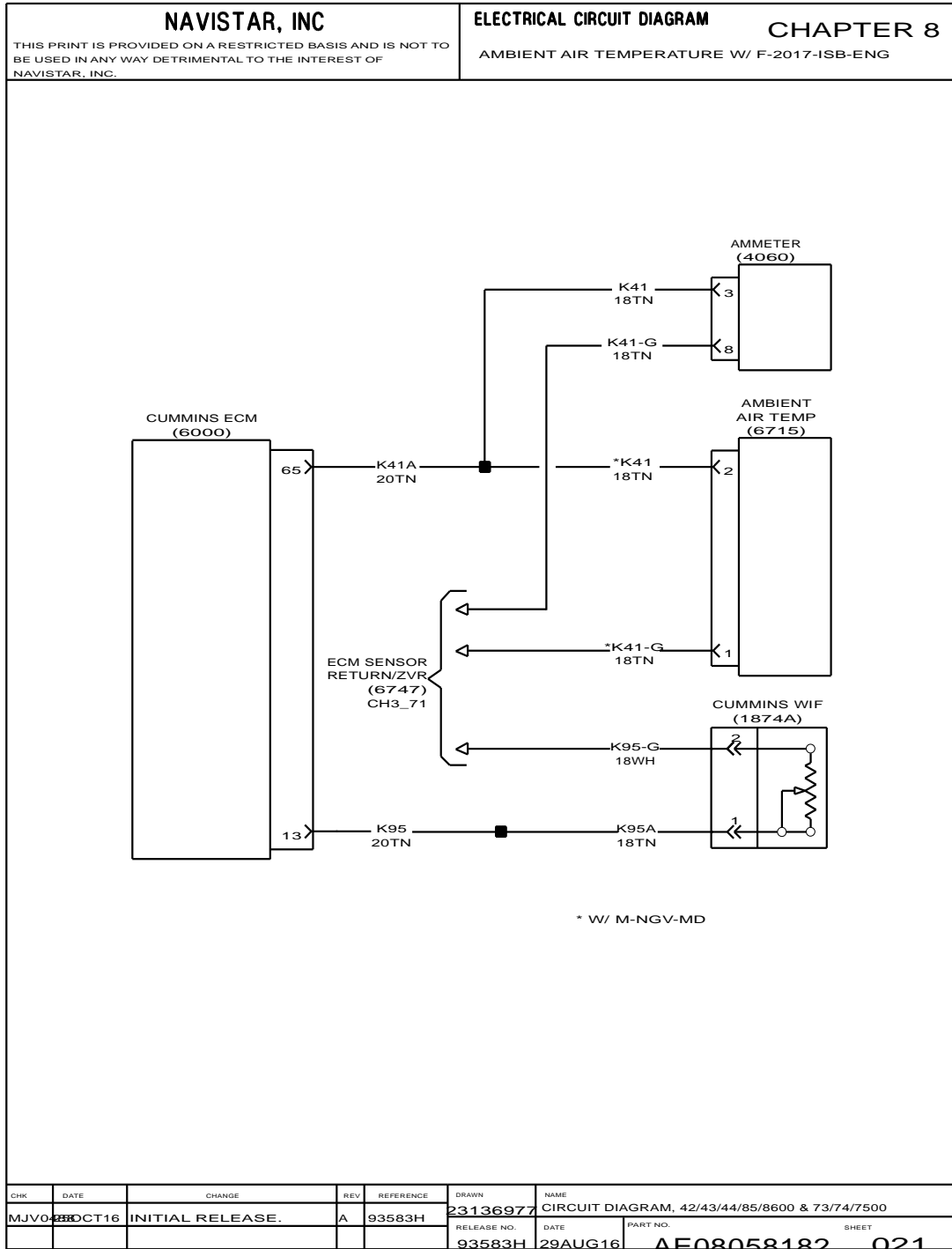
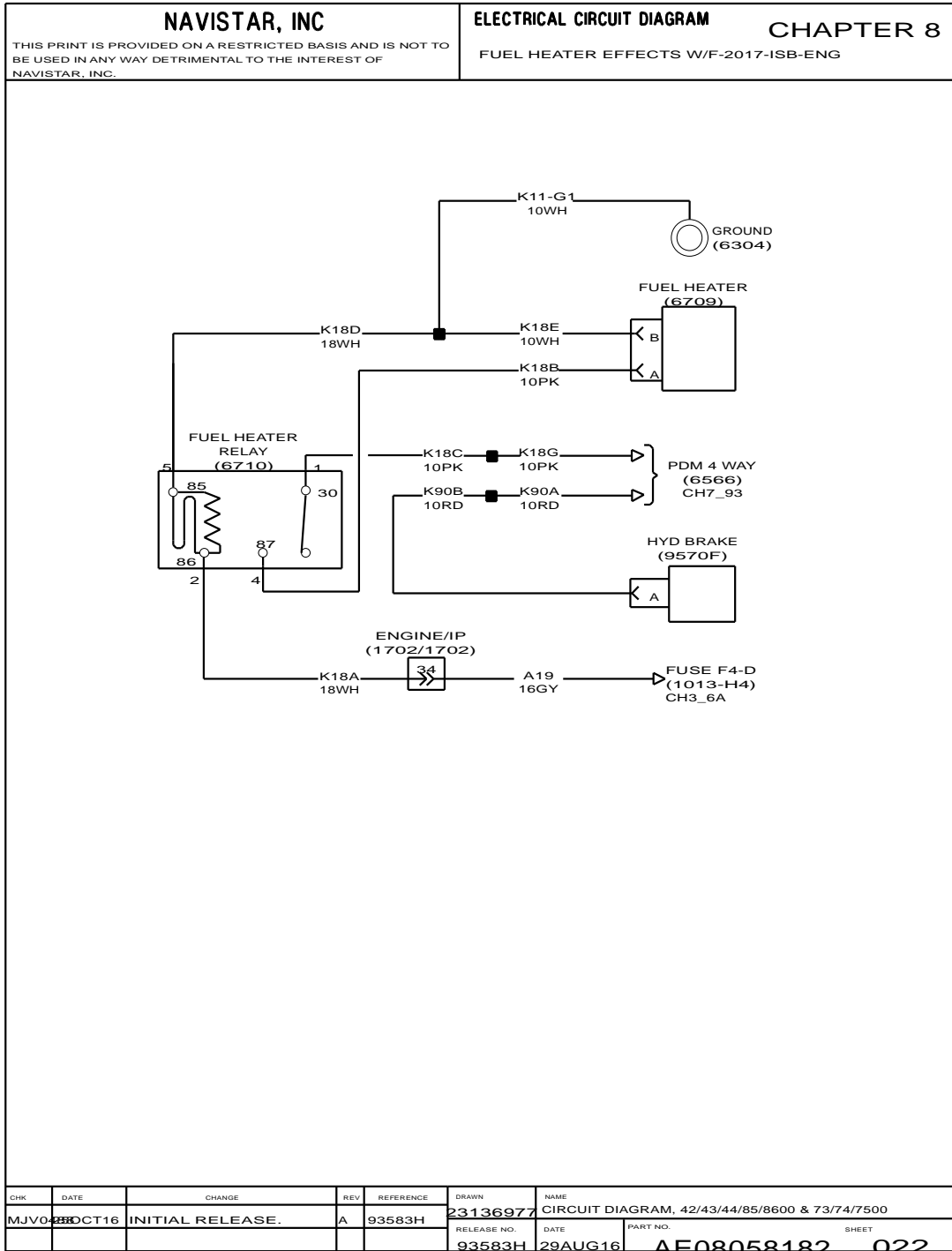


Figure 373 Ambient Air Temperature with F-2017-ISB Engine

8.27. FUEL HEATER EFFECTS WITH F-2017-ISB ENGINE, P. 22



8.28. RACOR / DAVCO WIF SENSOR WIRING WITH F-2017-ISL ENGINE, P. 23

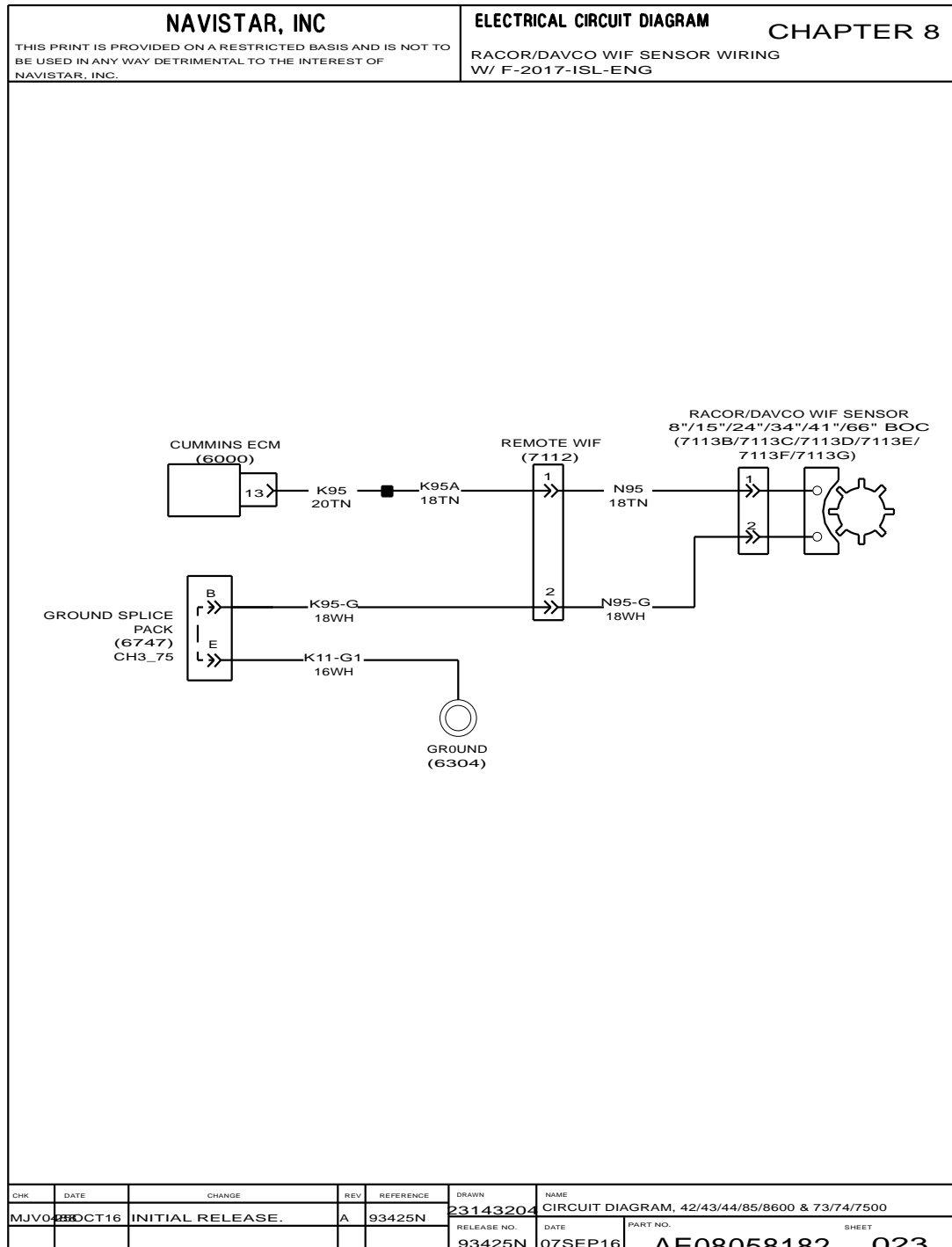


Figure 375 Racor / Davco WIF Sensor Wiring with F-2017-ISL Engine

LIGHTS (CHAPTER 9)

9.1. BACK-UP LIGHTS WITHOUT ALLISON TRANSMISSION, P. 1

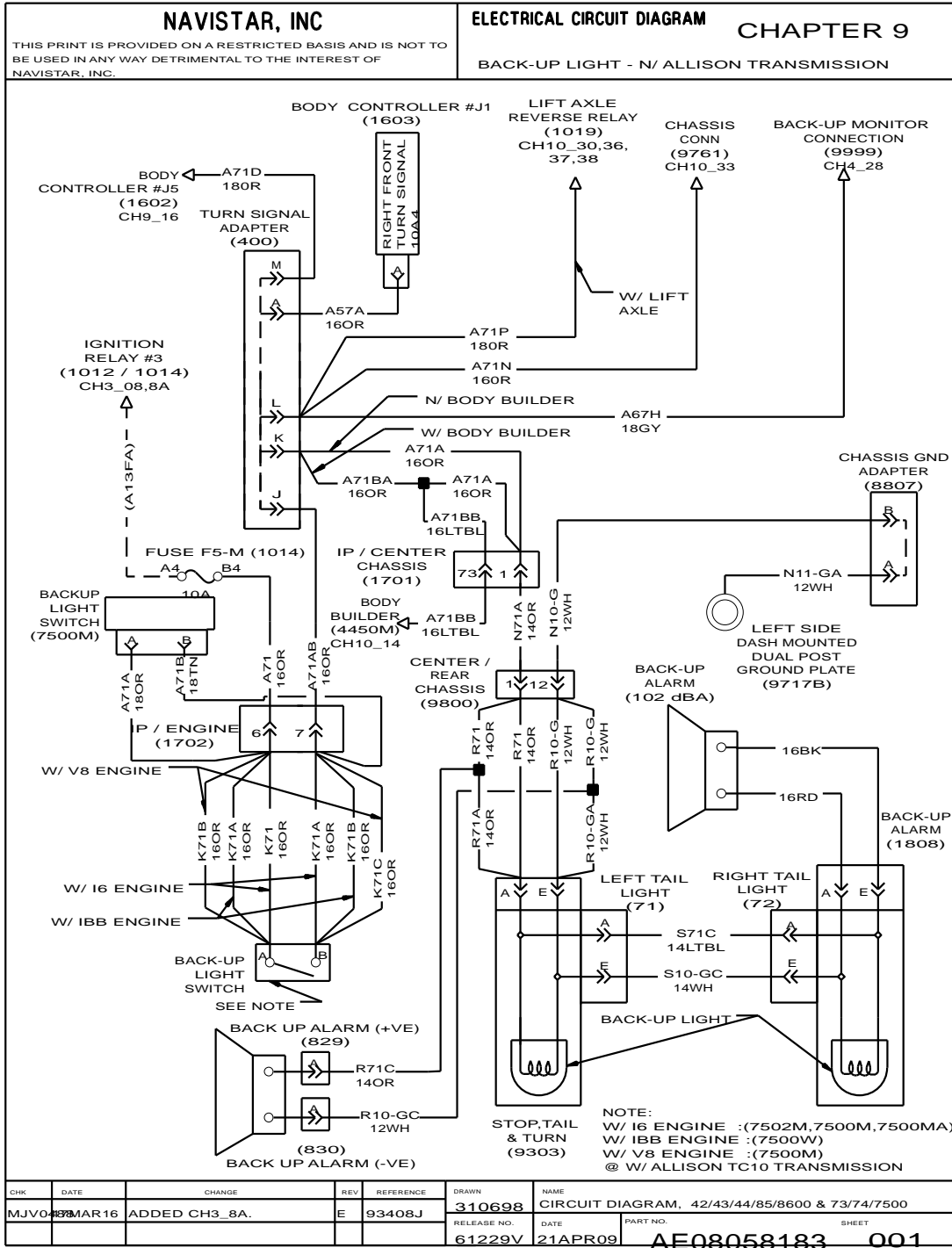


Figure 376 Back-Up Lights without Allison Transmission

9.2. BACK-UP LIGHTS WITH ALLISON TRANSMISSION, P. 2

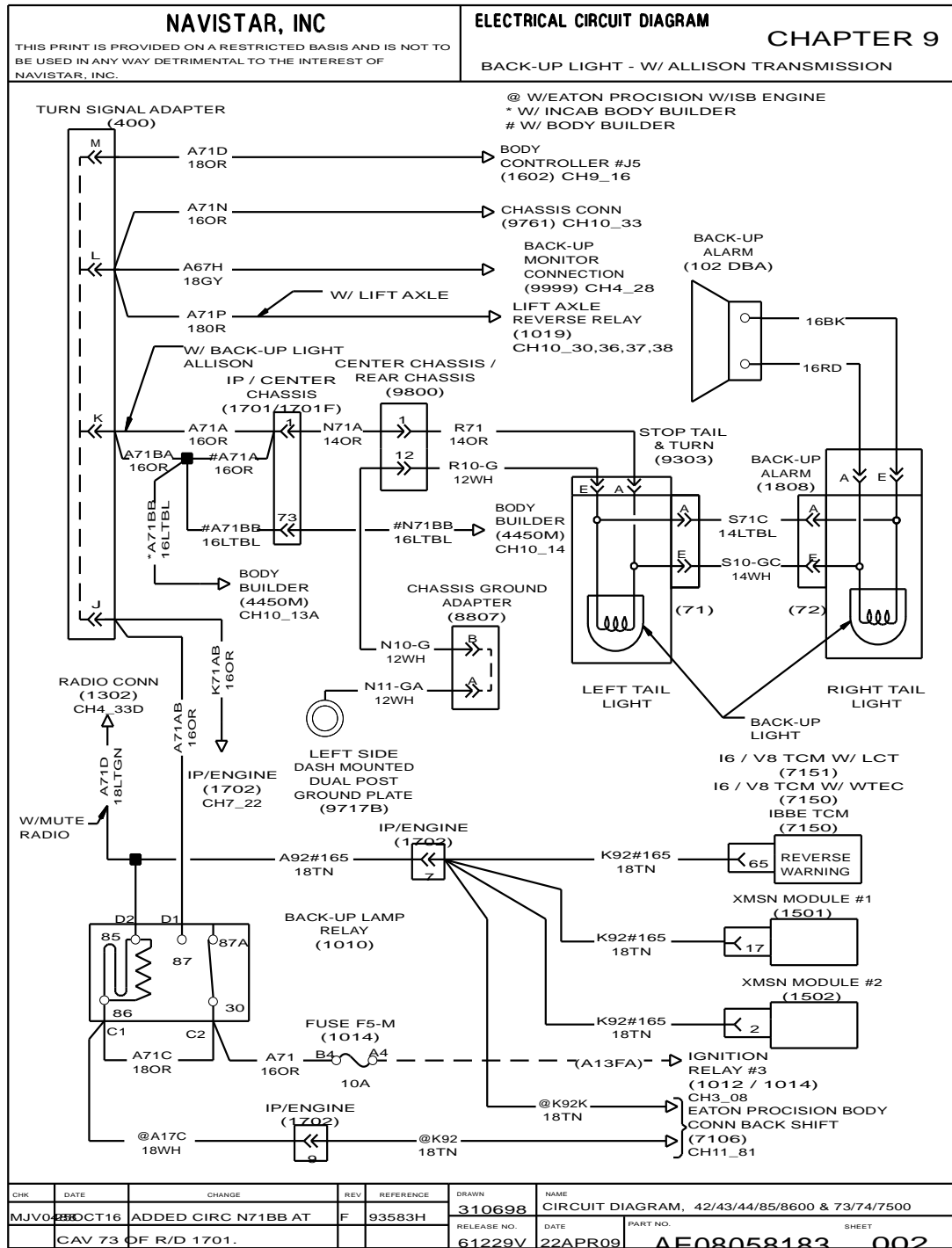


Figure 377 Back-Up Lights with Allison Transmission

9.3. BACK-UP LIGHTS WITH EATON PROCISION TRANSMISSION, P. 2A

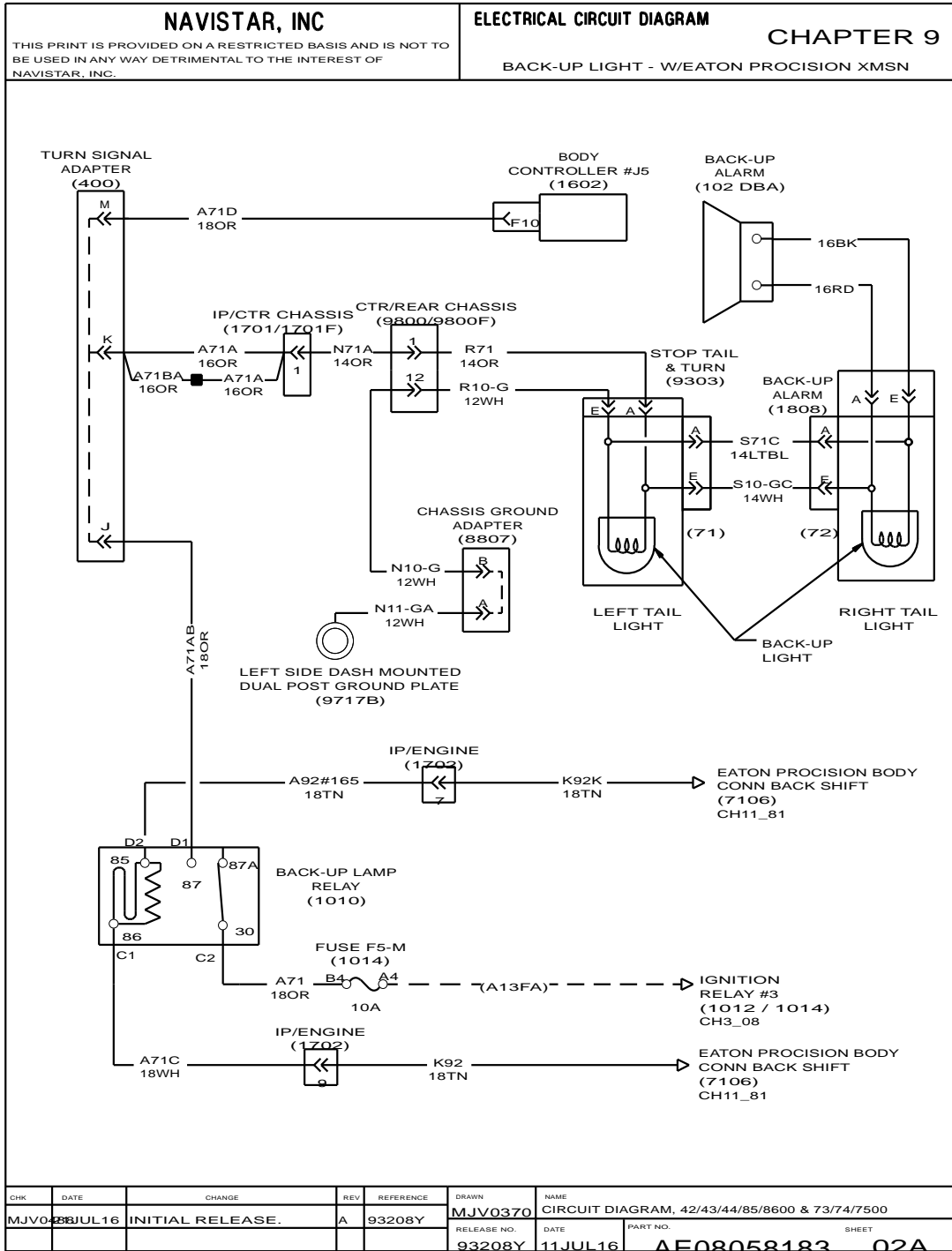


Figure 378 Back-Up Lights with Eaton Procision Transmission

9.4. BACK-UP LIGHTS WITH ALLISON TRANSMISSION WITH F-2013 ISL ENGINE, P. 2B

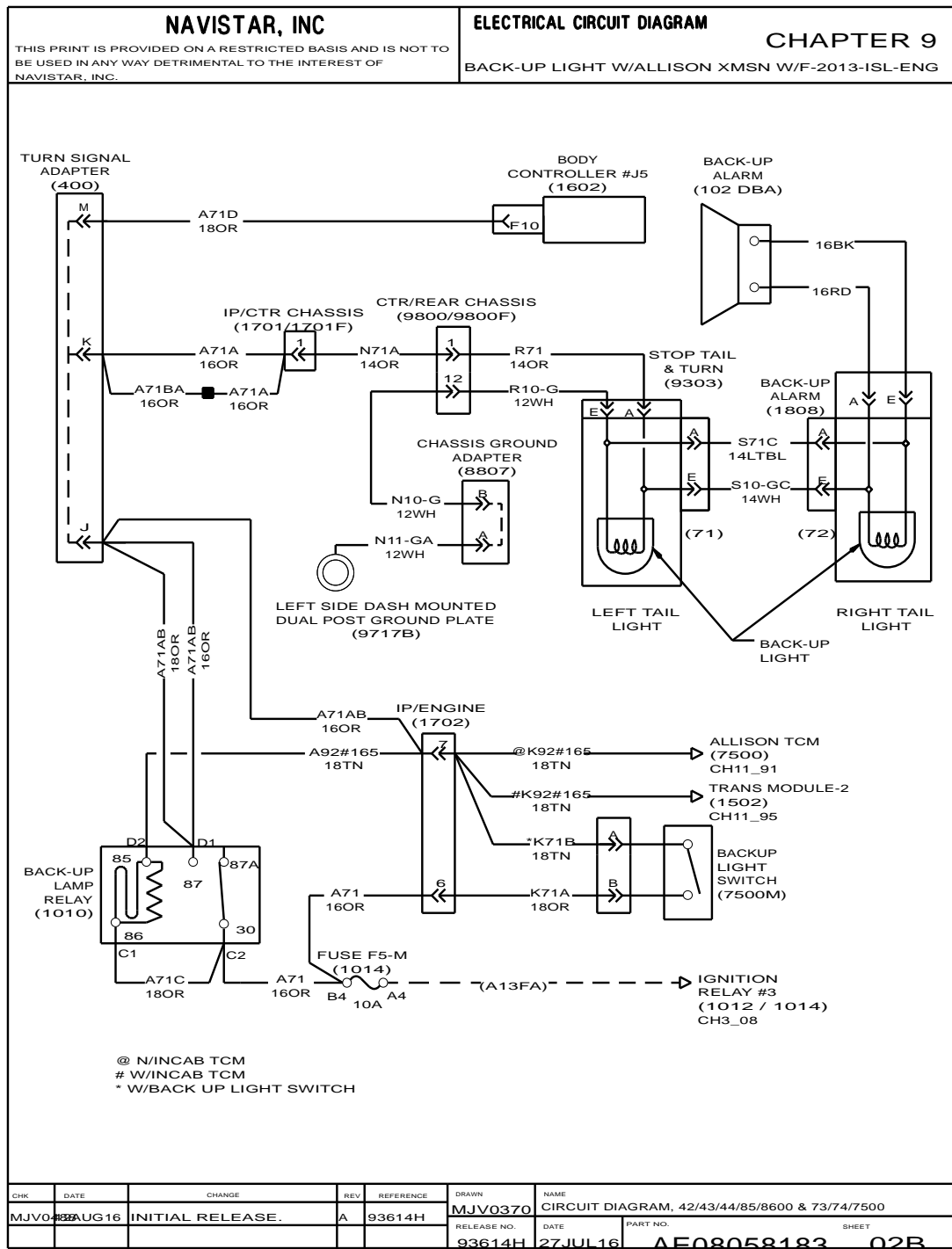


Figure 379 Back-Up Lights with Allison Transmission with F-2013 ISL Engine

9.5. BACK-UP LIGHTS WITH ALLISON AND EATON PROCISION TRANSMISSION WITH F-2017 ISB ENGINE, P. 2C

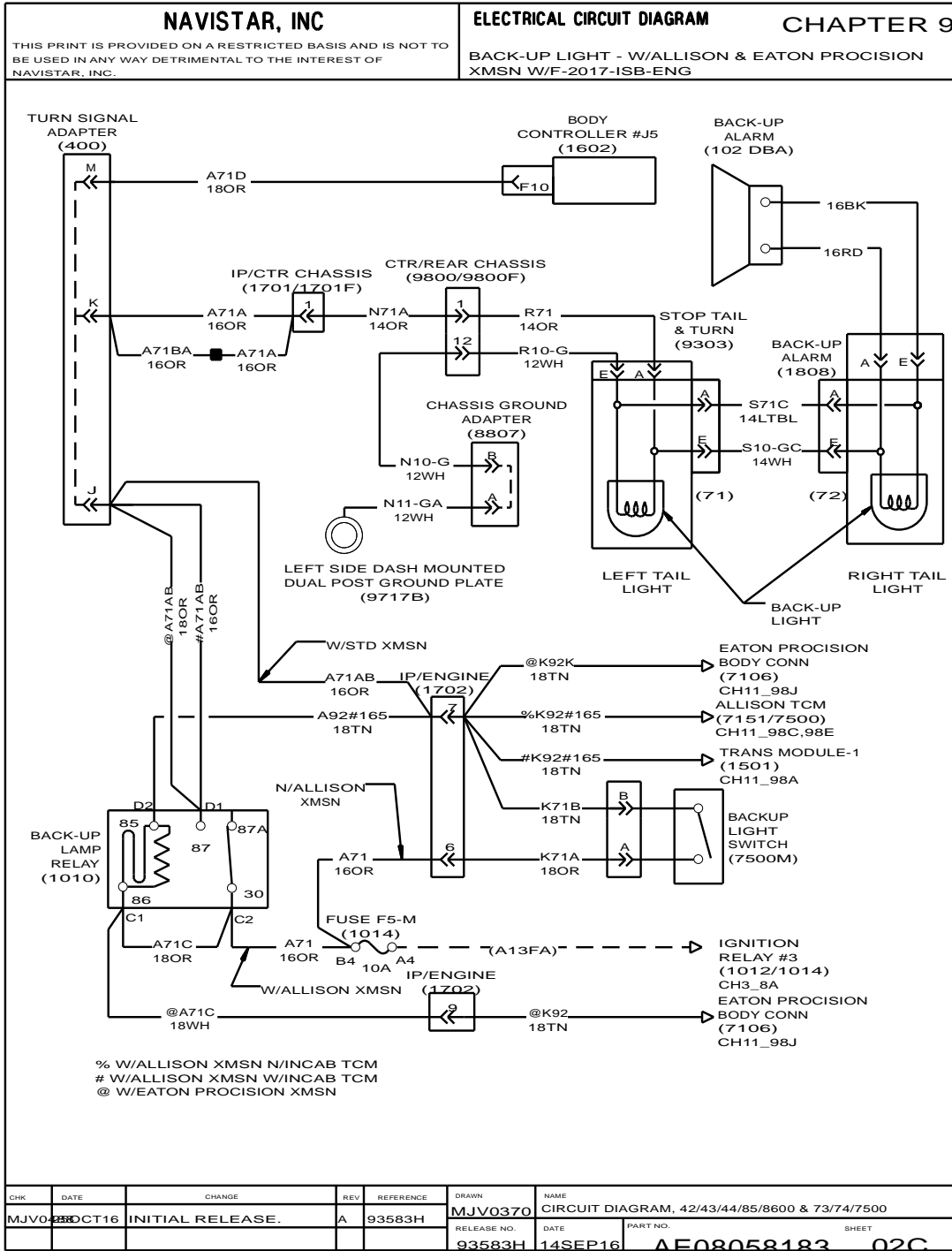


Figure 380 Back-Up Lights with Allison and Eaton Procision Transmission with F-2017 ISB Engine

9.6. BACK-UP LIGHTS WITH ALLISON TRANSMISSION WITH F-2017 ISL ENGINE, P. 2D

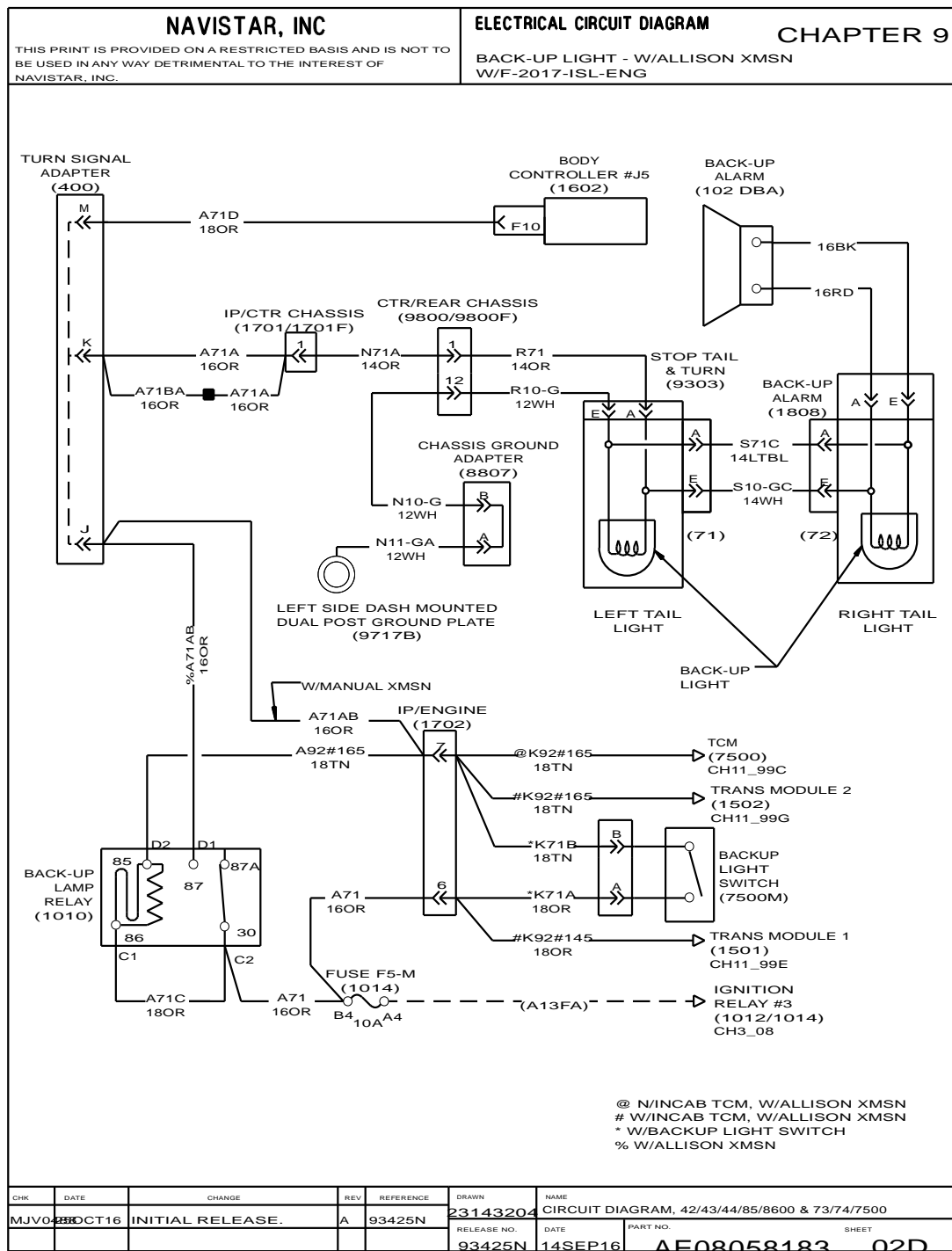


Figure 381 Back-Up Lights with Allison Transmission with F-2017 ISL Engine, p. 2D

9.7. LIGHT SYSTEM CLEARANCE, MARKER, PARK, TAIL, TURN AND STOP LIGHTS, P. 3

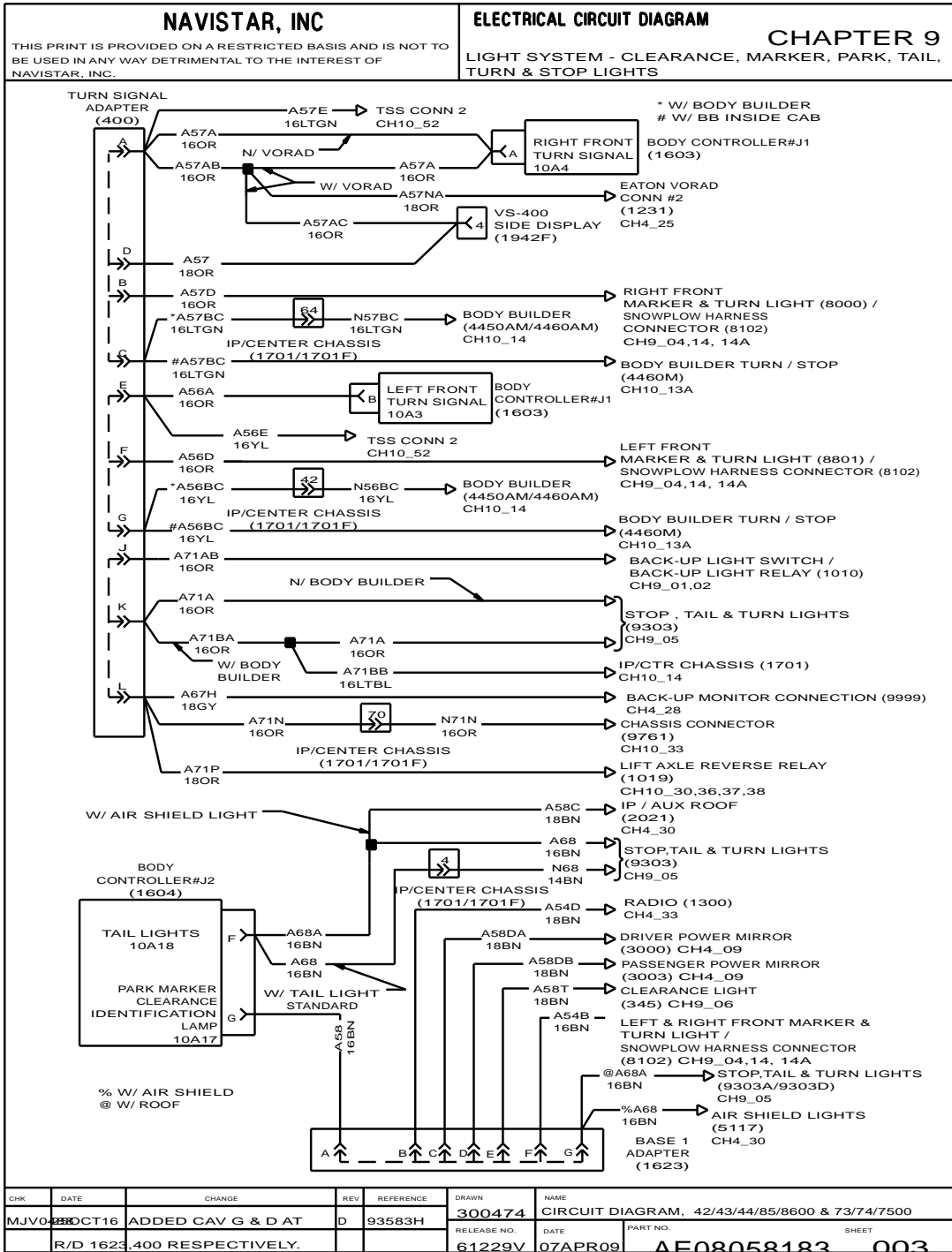


Figure 382 Light System Clearance, Marker, Park, Tail, Turn and Stop Lights

9.8. LIGHT SYSTEMS – CLEARANCE, MARKER, PARK, TAIL, TURN AND STOP LIGHTS (CONT.), P. 3A

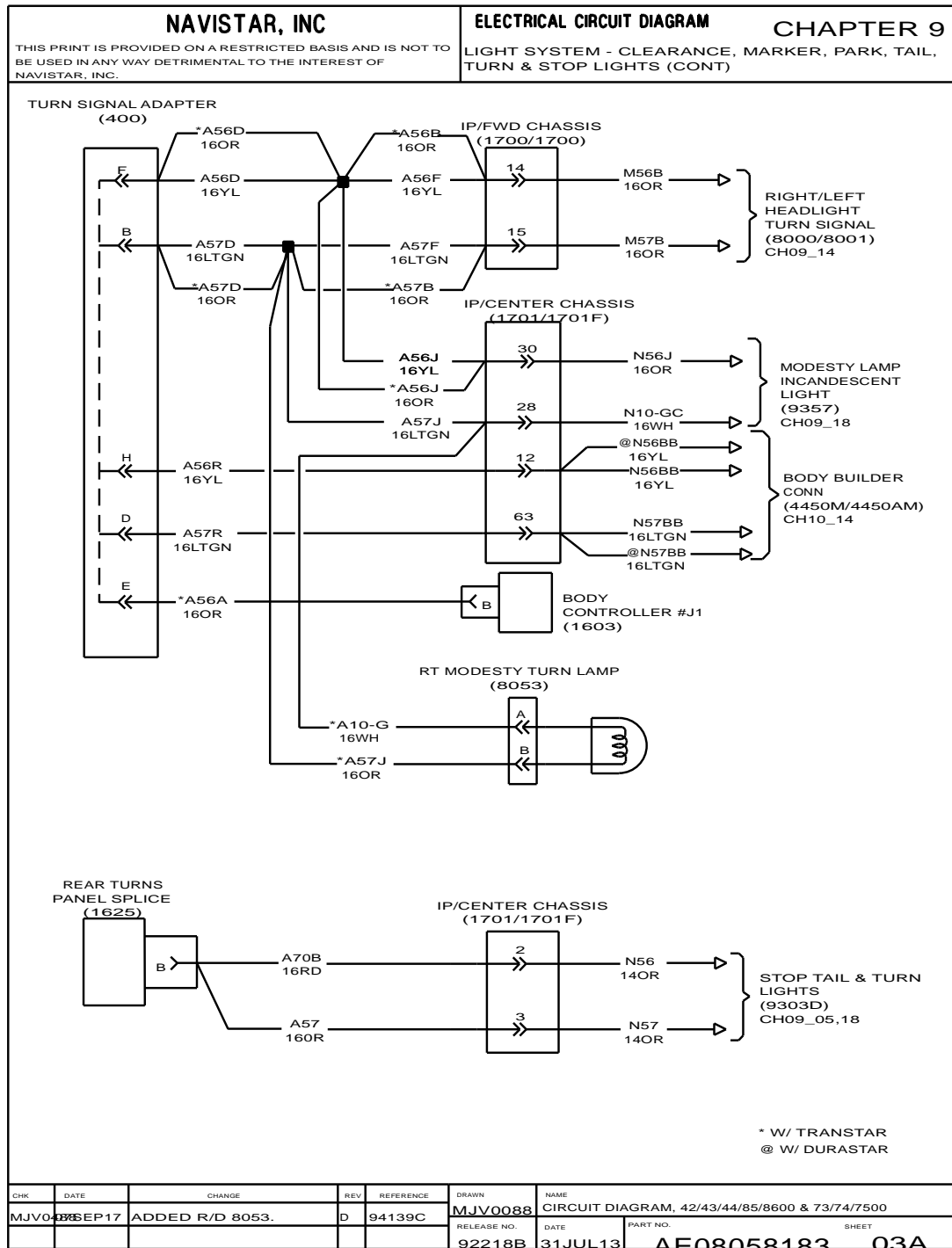


Figure 383 Light Systems – Clearance, Marker, Park, Tail, Turn and Stop Lights (Cont.)

9.9. LIGHT SYSTEMS – CLEARANCE, MARKER, PARK, TAIL, TURN AND STOP LIGHTS (CONT.), P. 4

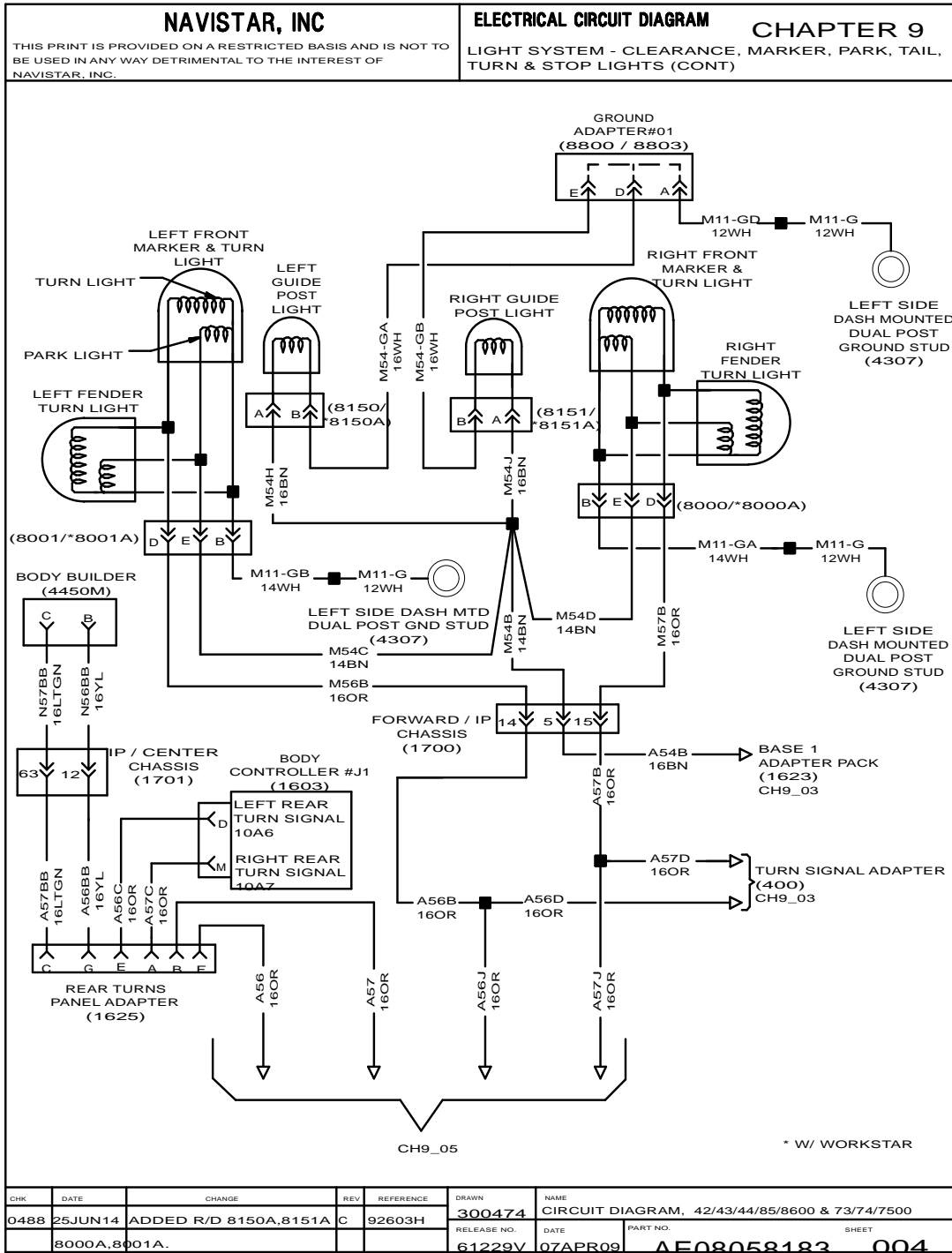


Figure 384 Light Systems – Clearance, Marker, Park, Tail, Turn and Stop Lights (Cont.)

9.10. LIGHT SYSTEMS – CLEARANCE, MARKER, PARK, TAIL, TURN AND STOP LIGHTS (CONT.), P. 5

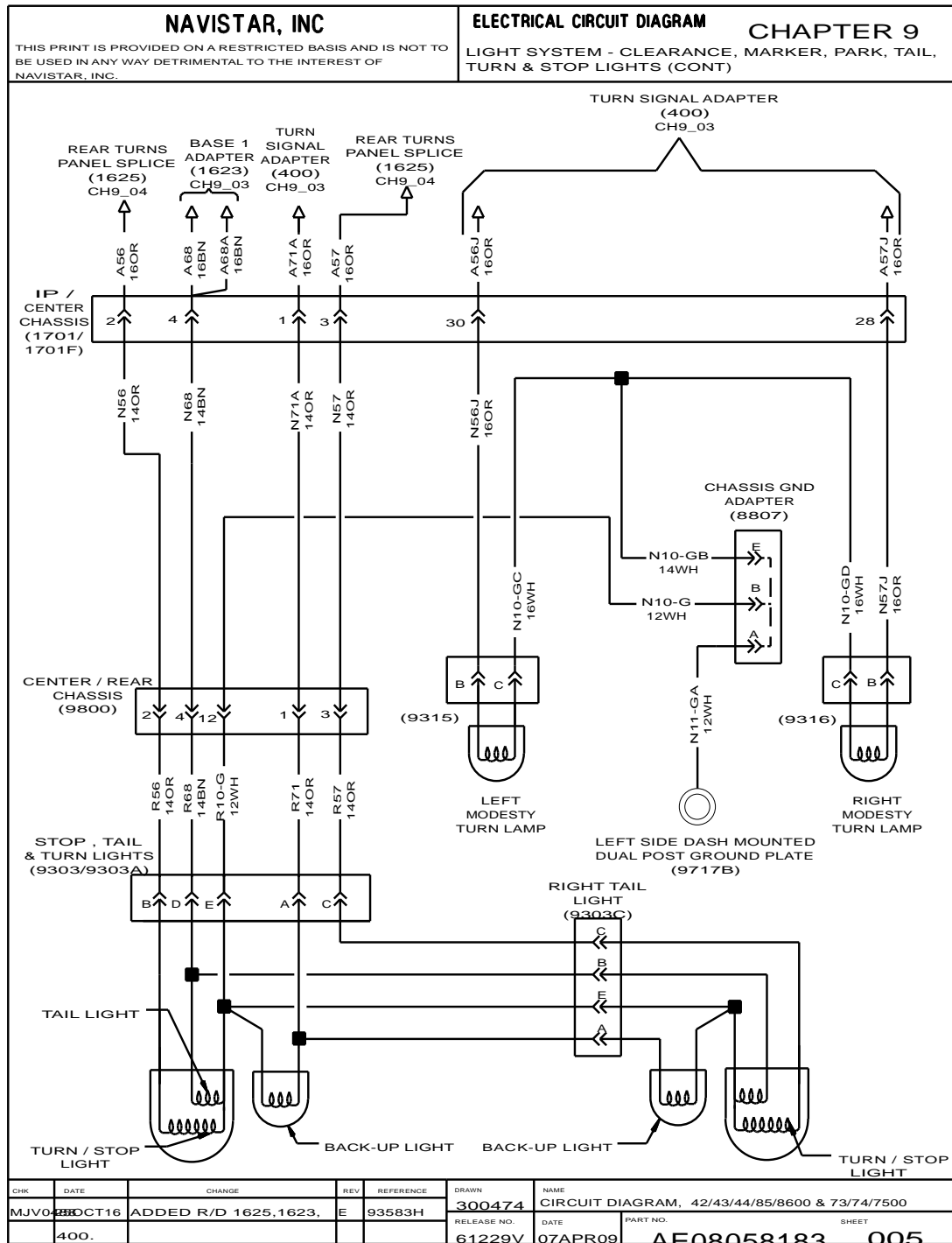


Figure 385 Light Systems – Clearance, Marker, Park, Tail, Turn and Stop Lights (Cont.)

9.11. LIGHT SYSTEMS – CLEARANCE, MARKER, PARK, TAIL, TURN AND STOP LIGHTS (CONT.), P. 6

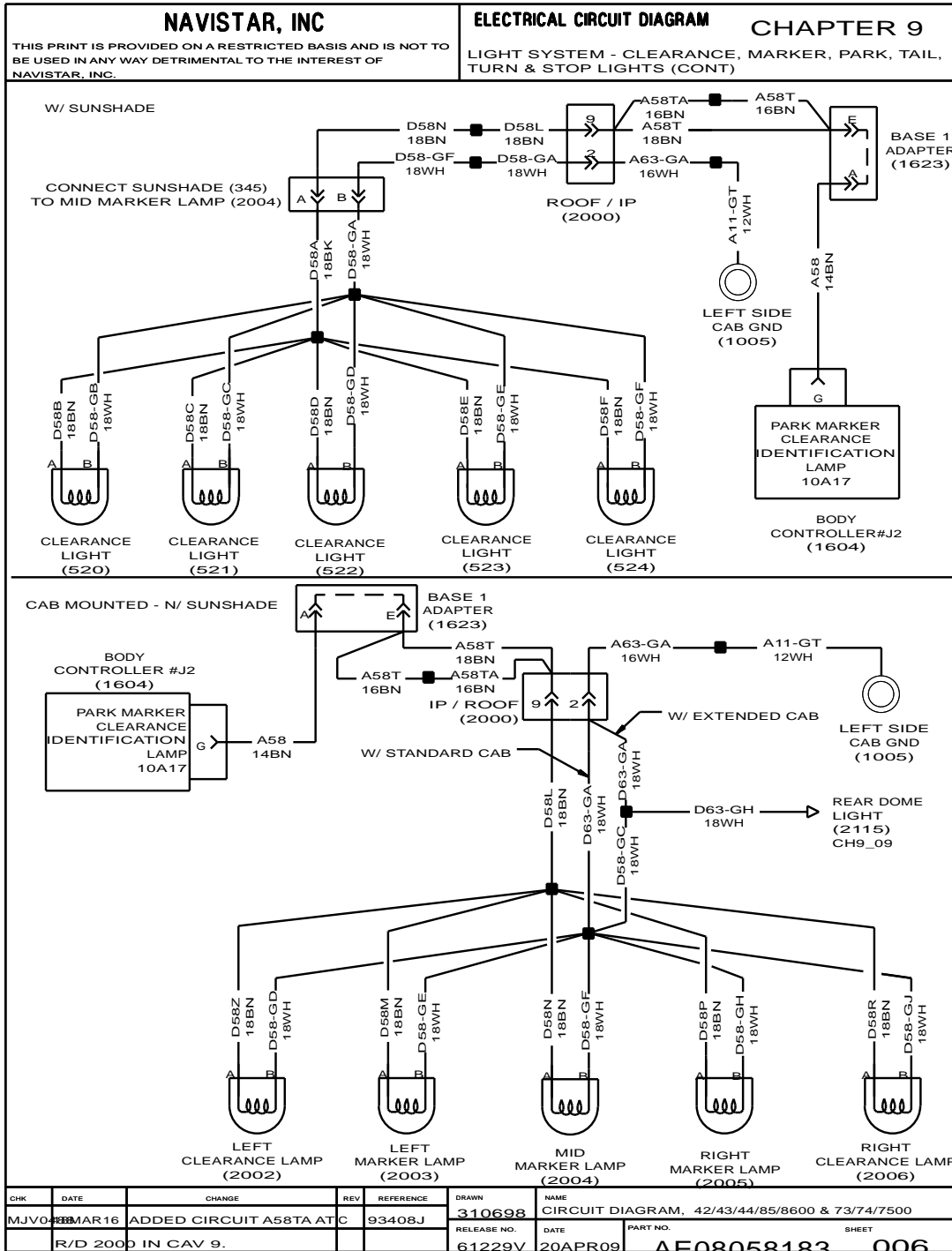


Figure 386 Light Systems – Clearance, Marker, Park, Tail, Turn and Stop Lights (Cont.)

9.12. LIGHT SYSTEMS – TURN SIGNAL AND STOP SWITCHES, P. 7

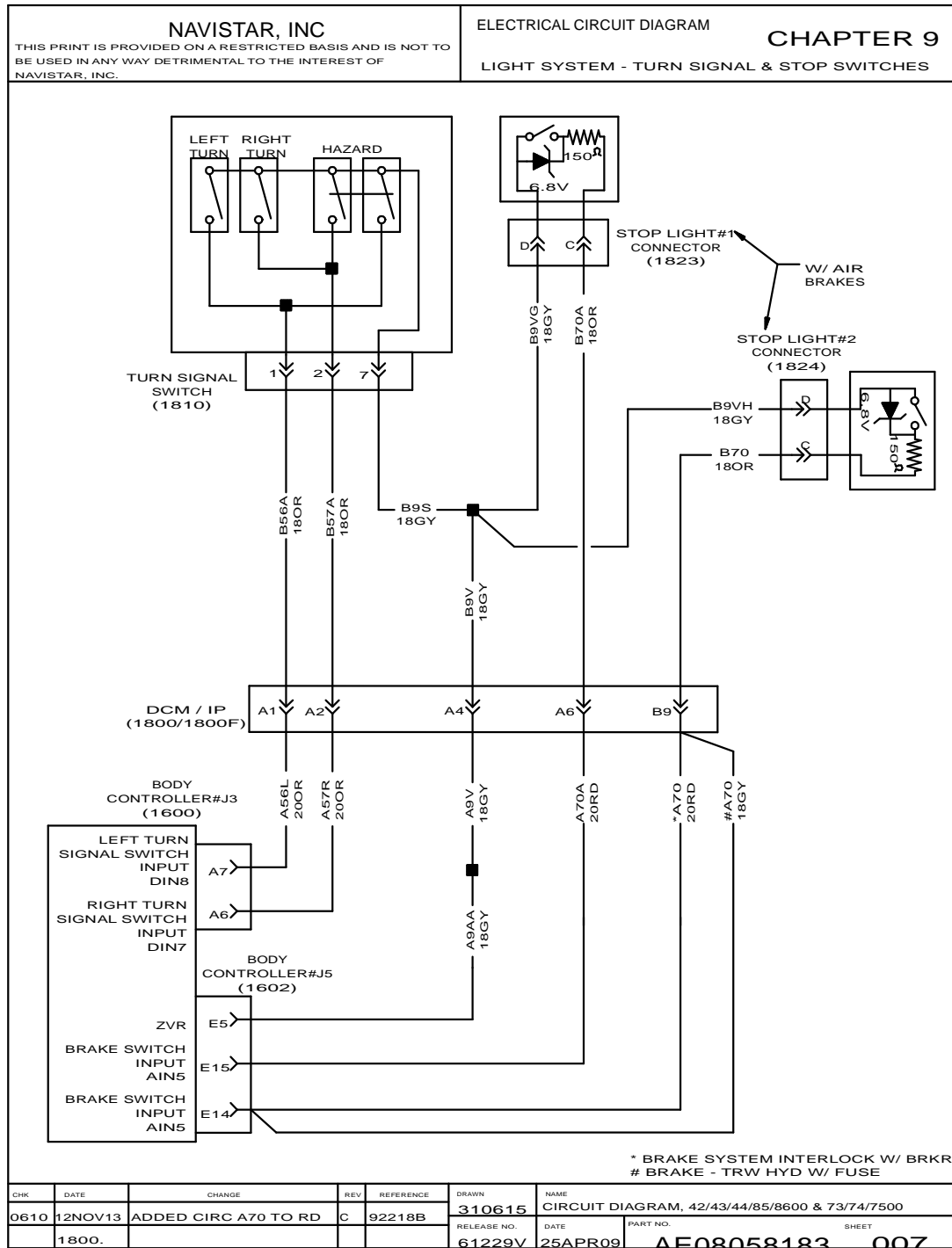


Figure 387 Light Systems – Turn Signal and Stop Switches

9.13. DOME LIGHT, MAP LIGHT, P. 8

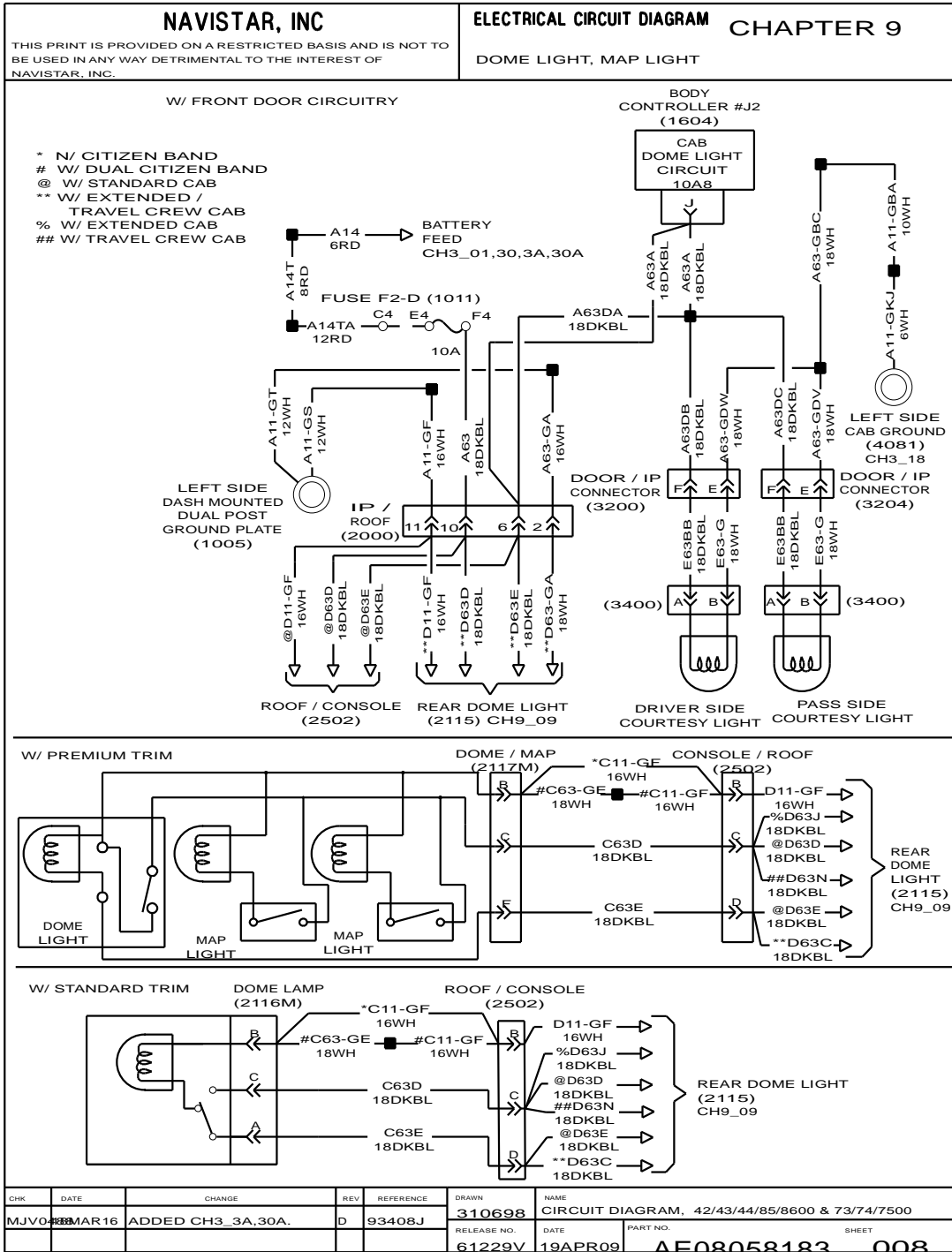


Figure 388 Dome Light, Map Light

9.14. DOME LIGHT, MAP LIGHT, P. 8

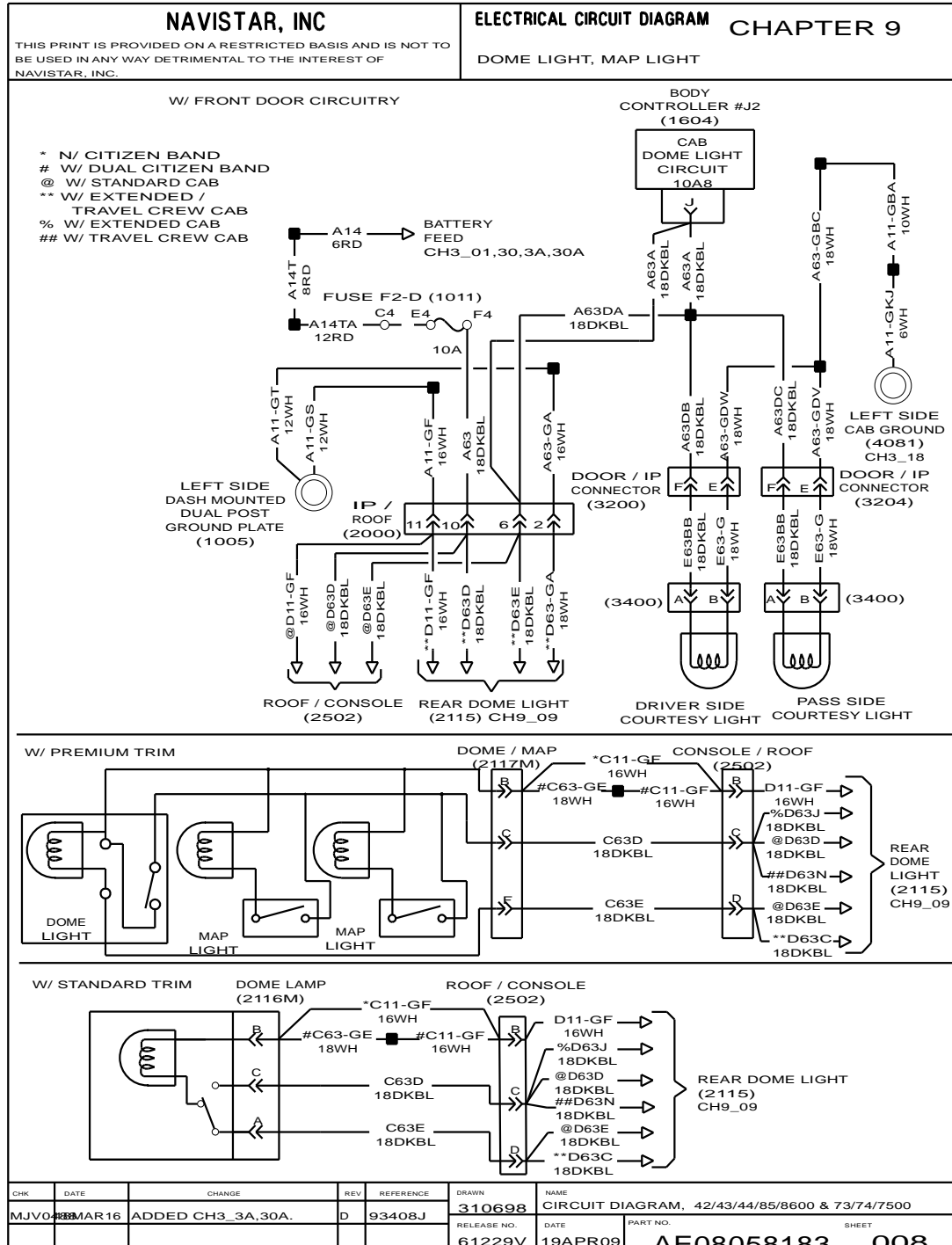


Figure 389 Dome Light, Map Light

9.15. DOME LIGHT, MAP LIGHT (CONT.), P. 10

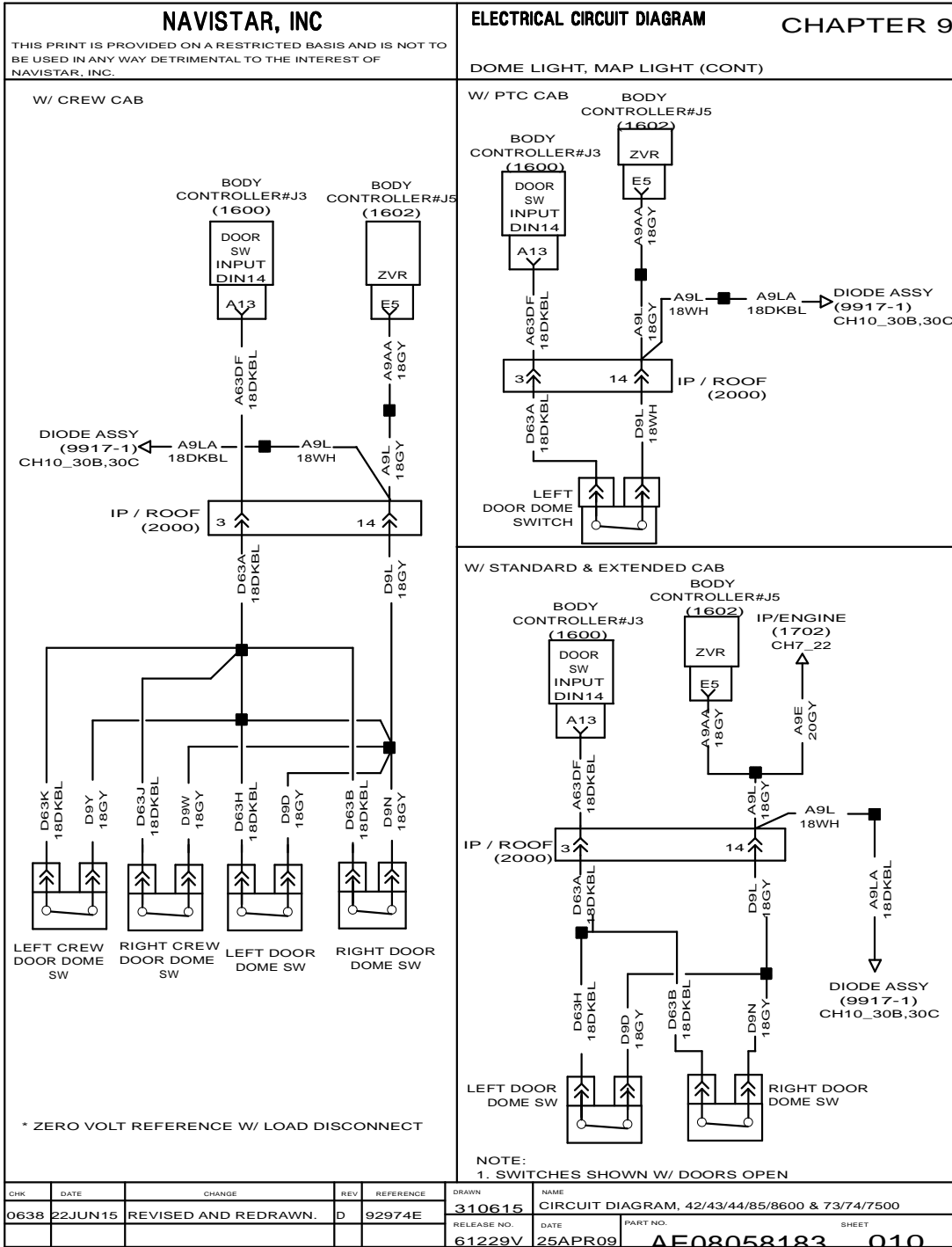


Figure 390 Dome Light, Map Light (Cont.)

9.16. LIGHT SYSTEM – CLEARANCE, MARKER, PARK, TAIL, TURN AND STOP LIGHTS (CONT.), P. 10A

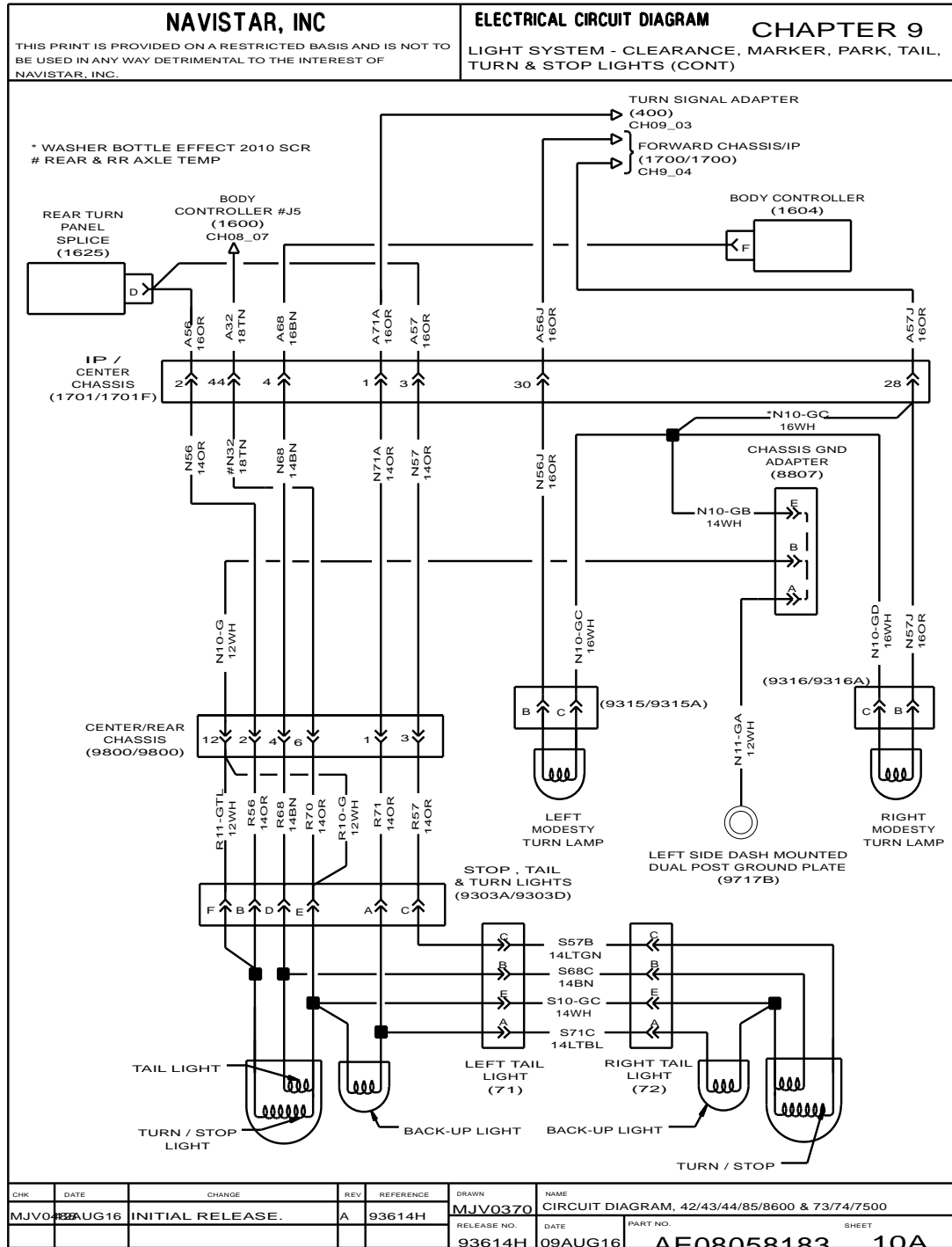


Figure 391 Light System – Clearance, Marker, Park, Tail, Turn and Stop Lights (Cont.)

9.17. LIGHT SYSTEM – CLEARANCE, MARKER, PARK, TAIL, TURN AND STOP LIGHTS (CONT.), P. 10B

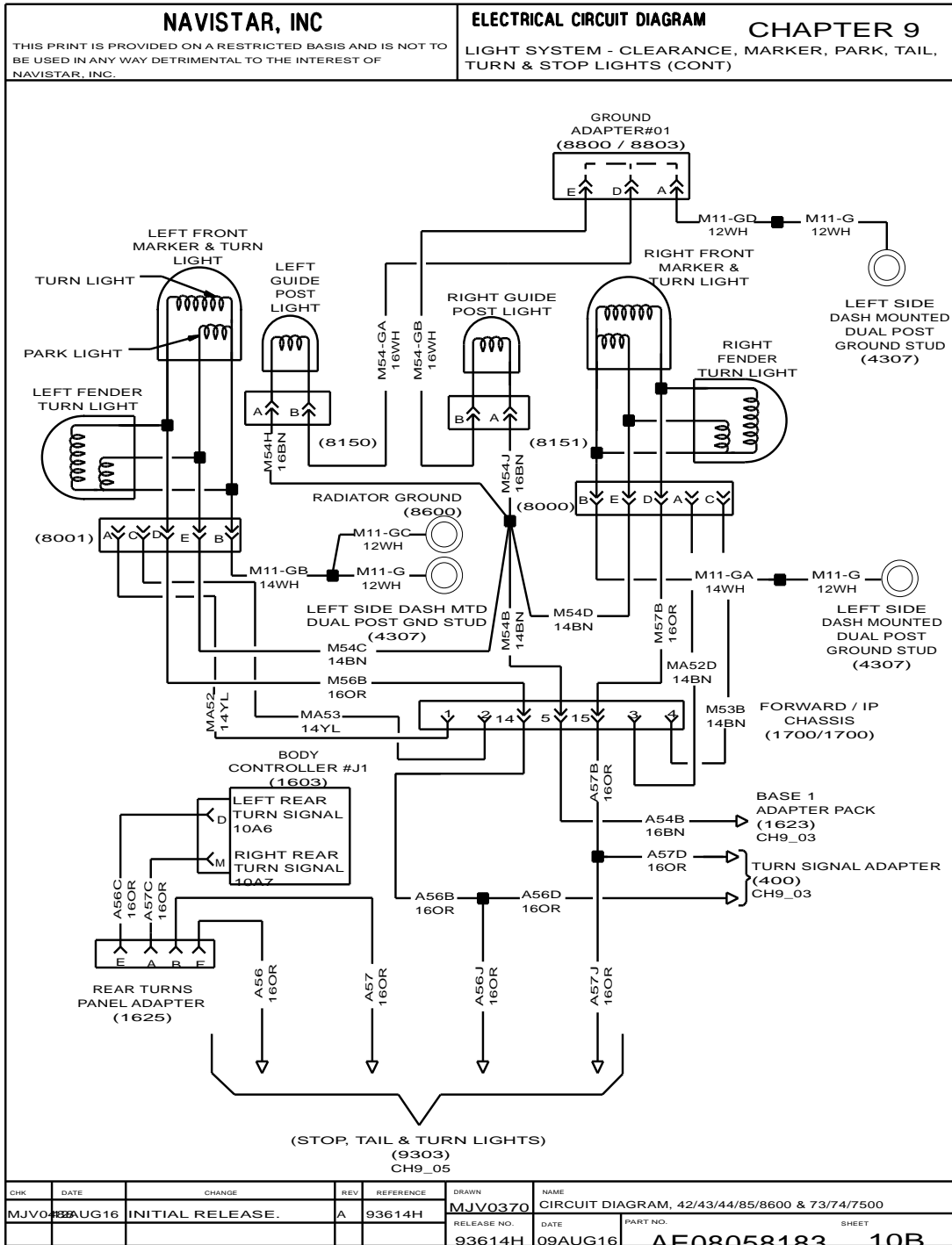


Figure 392 Light System – Clearance, Marker, Park, Tail, Turn and Stop Lights (Cont.)

9.18. LIGHT SYSTEM, FOG LIGHT, P. 11

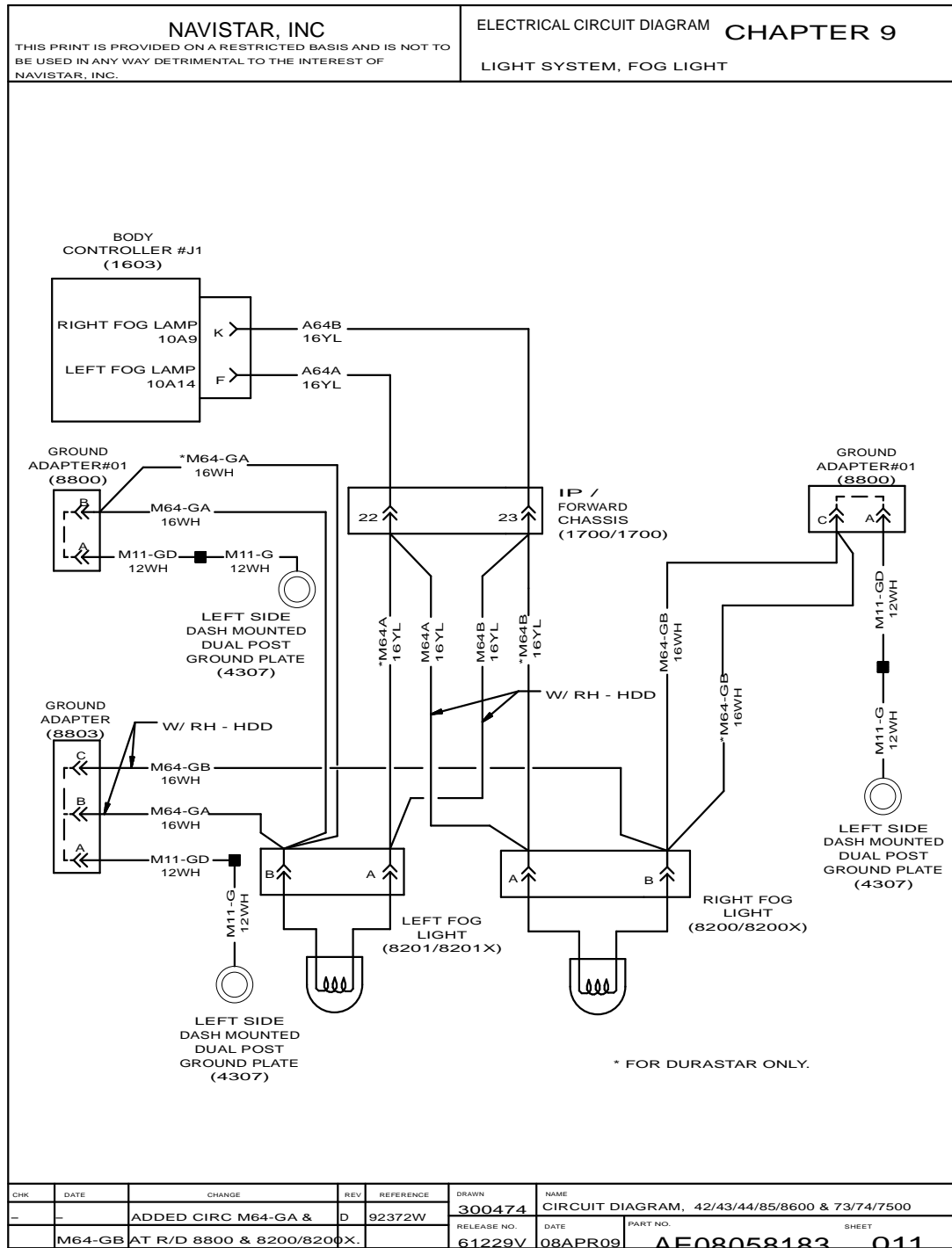


Figure 393 Light System, Fog Light

9.19. HEADLIGHTS, P. 12

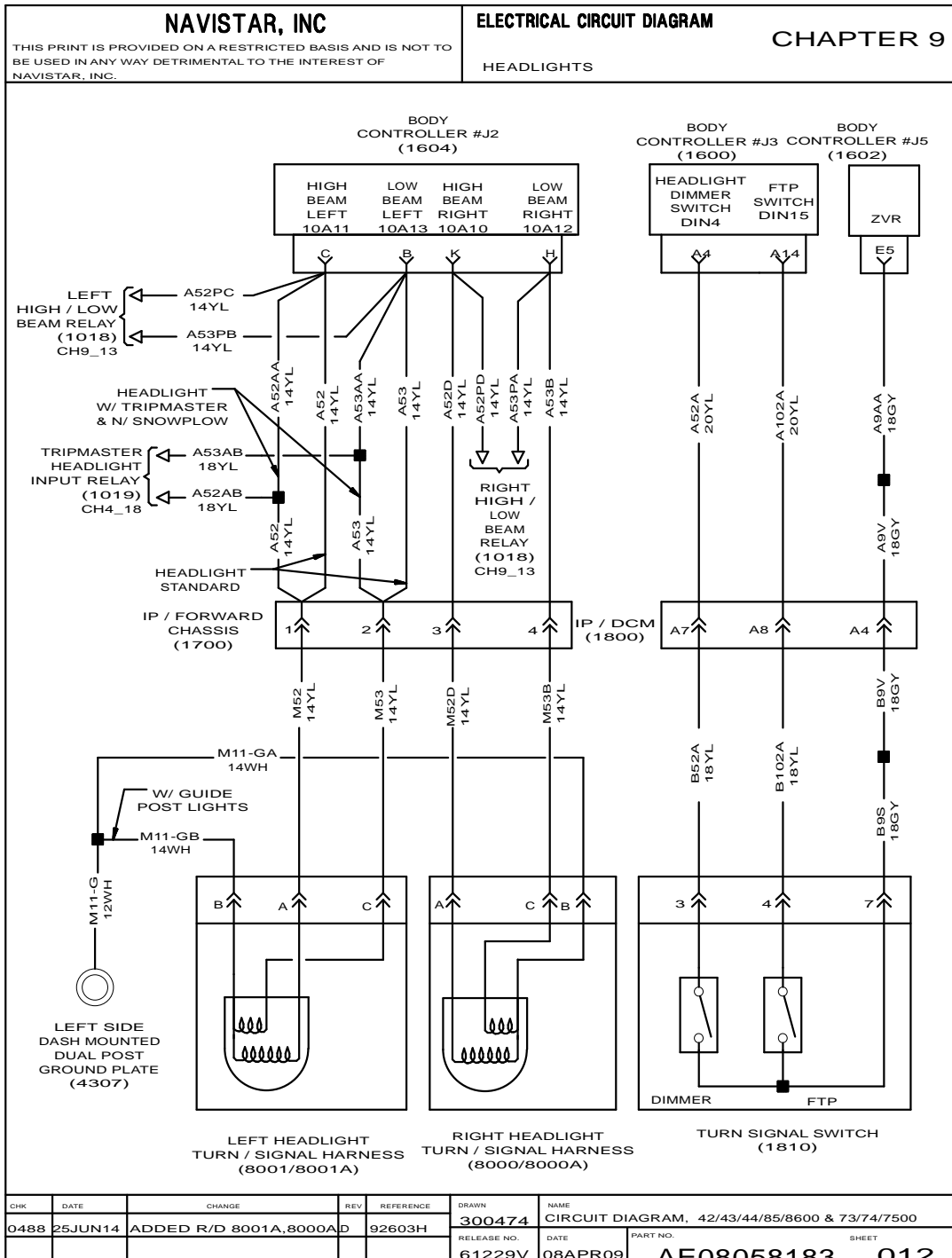


Figure 394 Headlights

9.20. AUXILIARY HEADLIGHTS, SNOW PLOW LIGHTS, P. 13

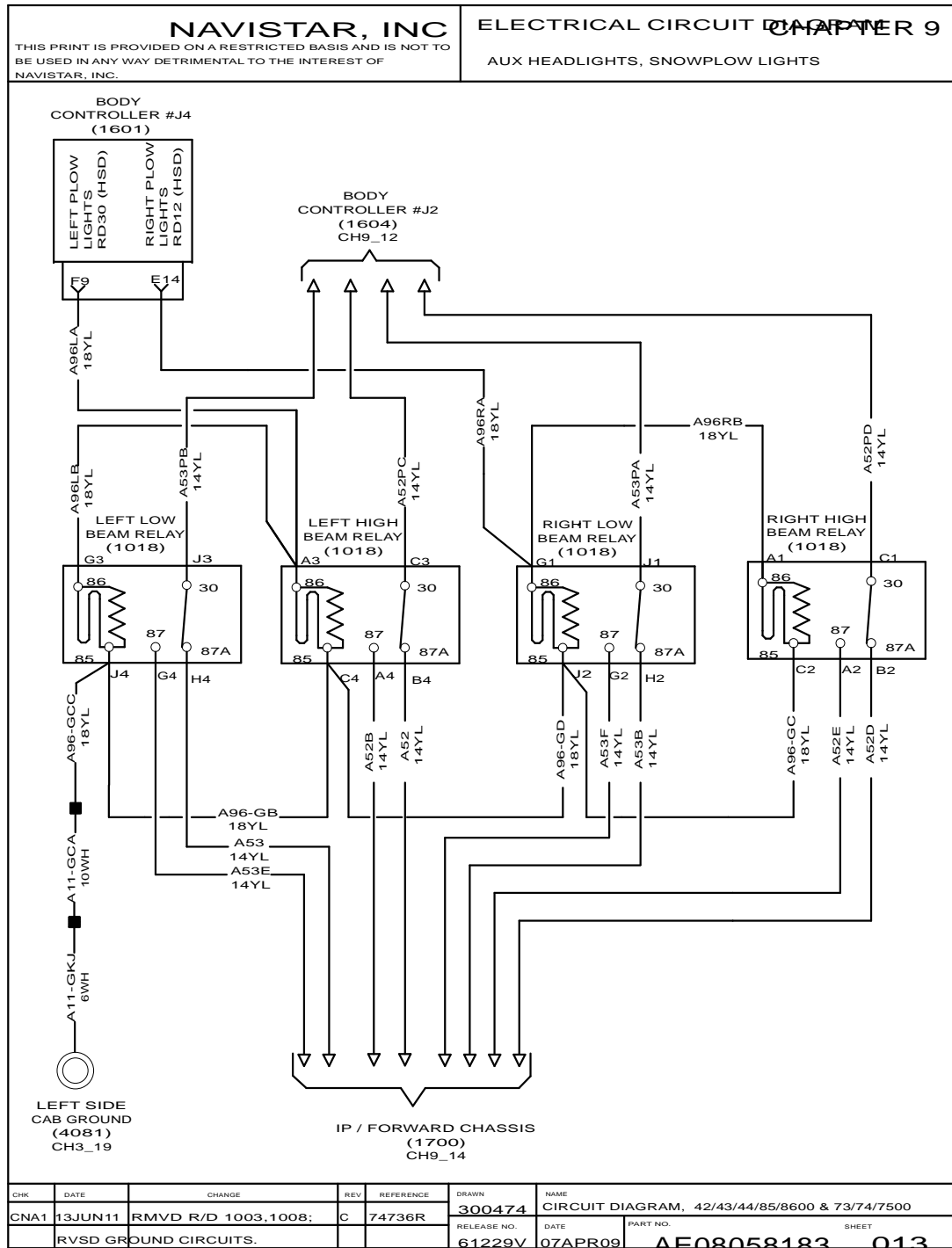


Figure 395 Auxiliary Headlights, Snow Plow Lights

9.21. AUXILIARY HEADLIGHTS, SNOW PLOW LIGHTS (CONT.), P. 14

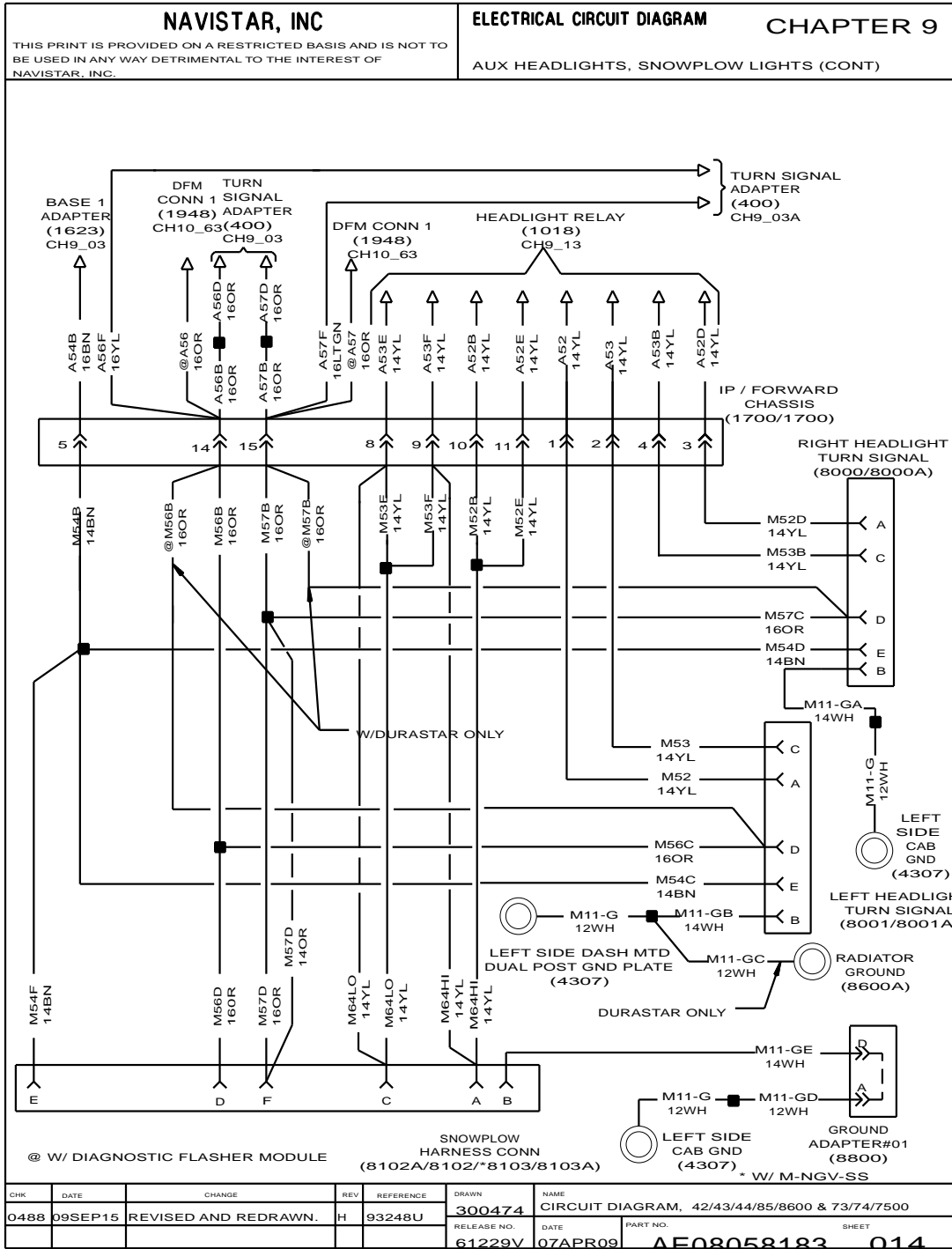


Figure 396 Auxiliary Headlights, Snow Plow Lights (Cont.)

9.22. AUXILIARY HEADLIGHTS, SNOW PLOW LIGHTS (CONT.), P. 14A

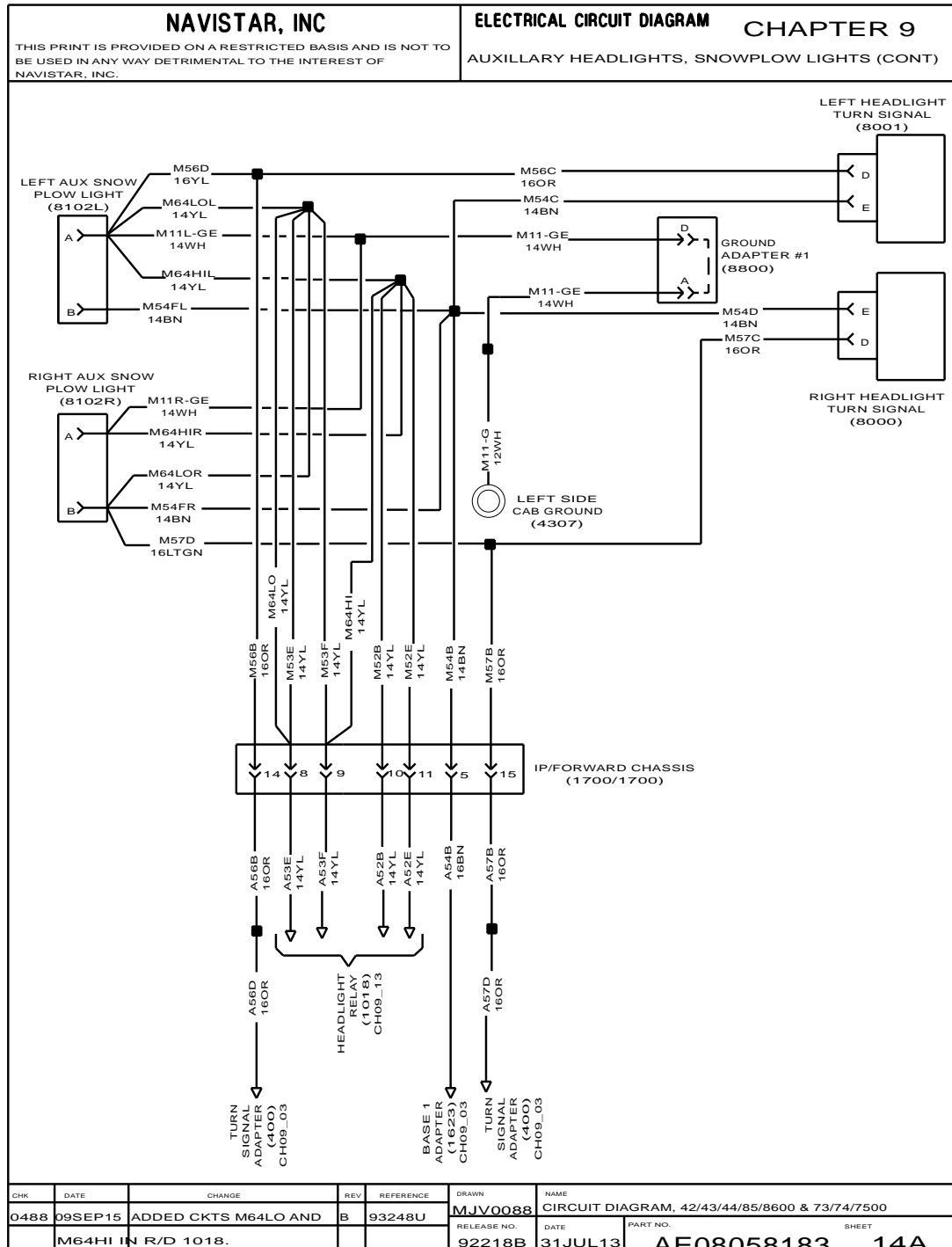


Figure 397 Auxiliary Headlights, Snow Plow Lights (Cont.)

9.23. HEADLIGHTS WITH SNOW PLOW LIGHTS WITHOUT TRIPMASTER (CONT.), P. 14B

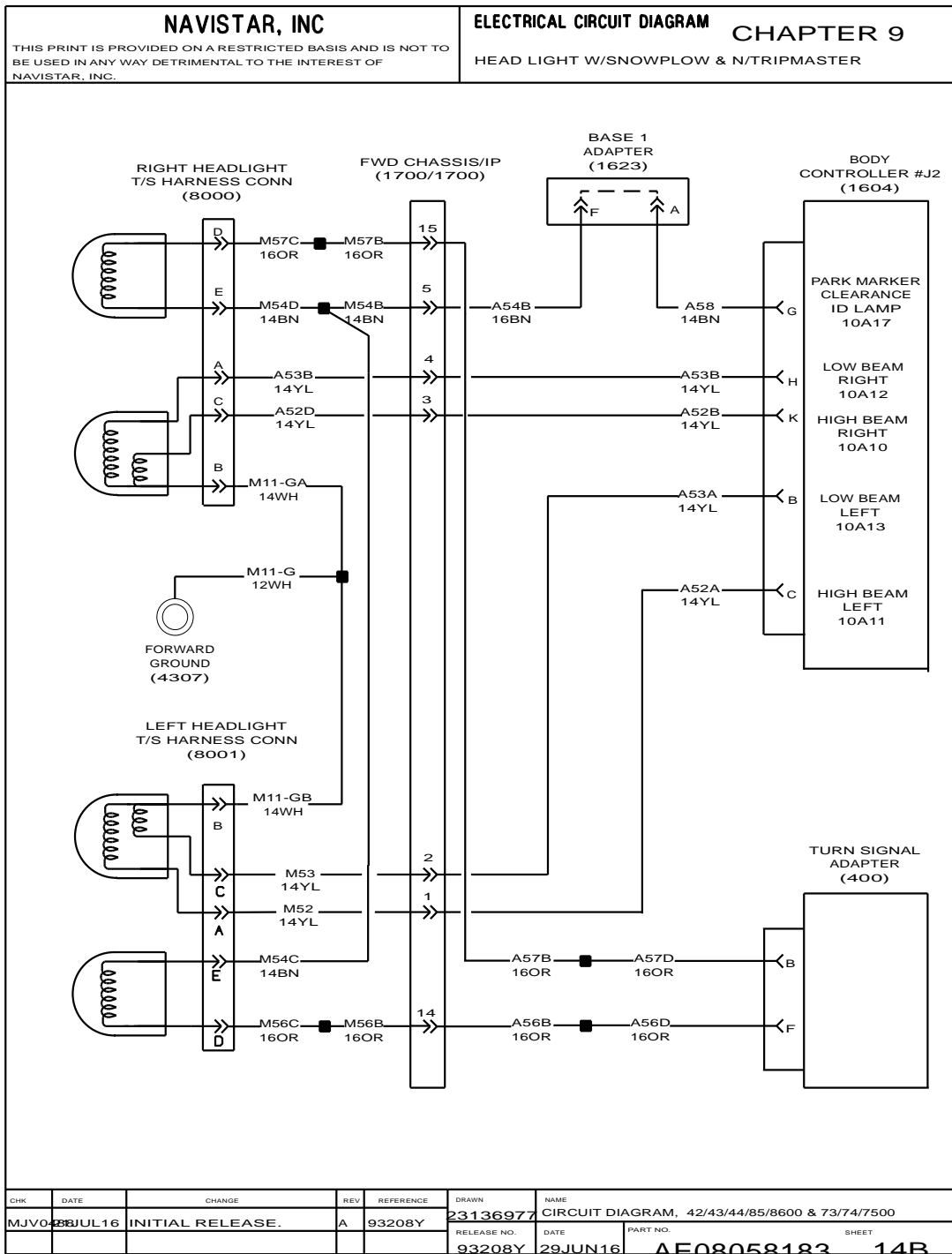


Figure 398 Headlights with Snow Plow Lights Without Tripmaster (Cont.)

9.24. HEADLIGHTS WITH SNOW PLOW LIGHTS WITHOUT TRIPMASTER (CONT.), P. 14C

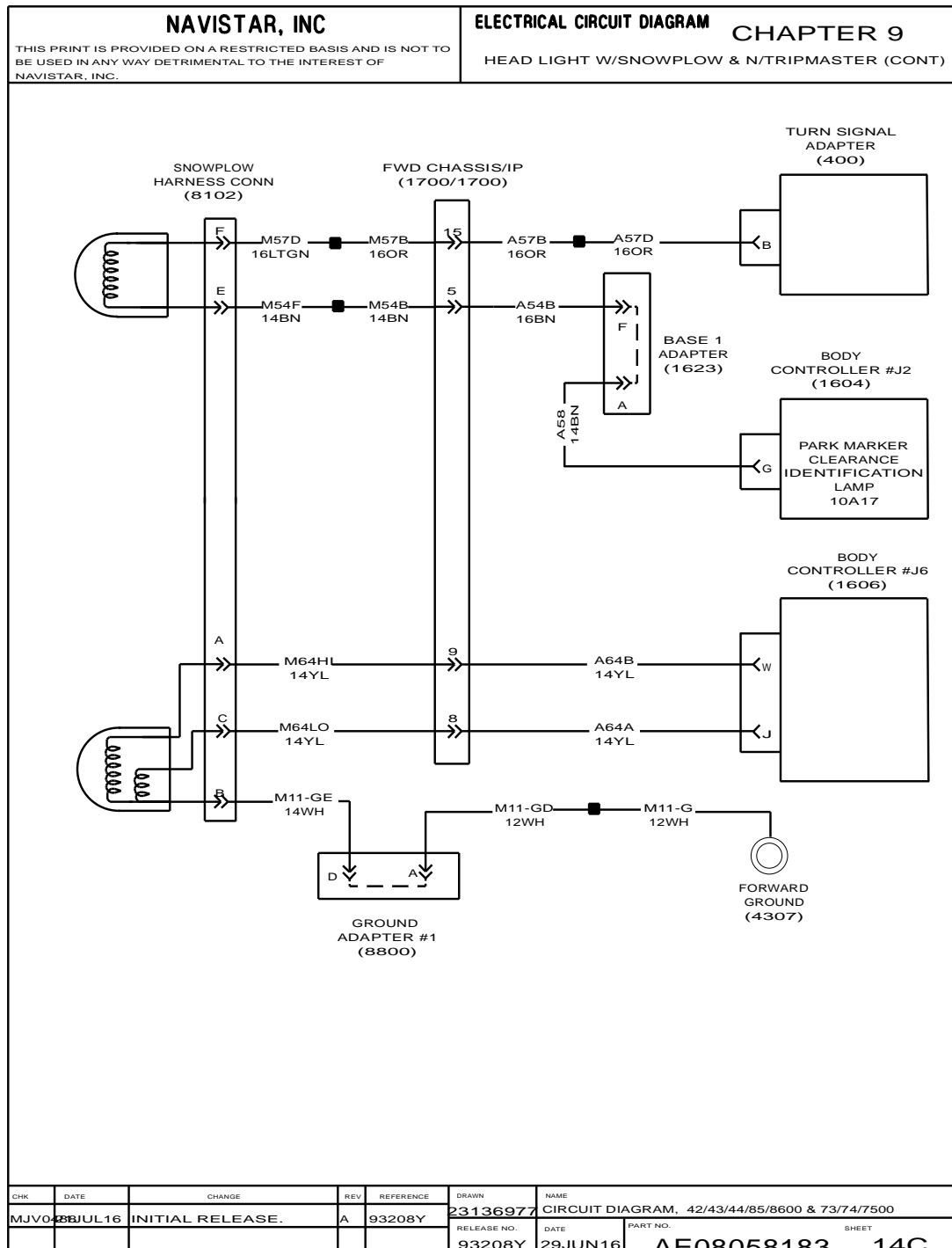


Figure 399 Headlights with Snow Plow Lights Without Tripmaster (Cont.)

9.25. PANEL LIGHTS, P. 15

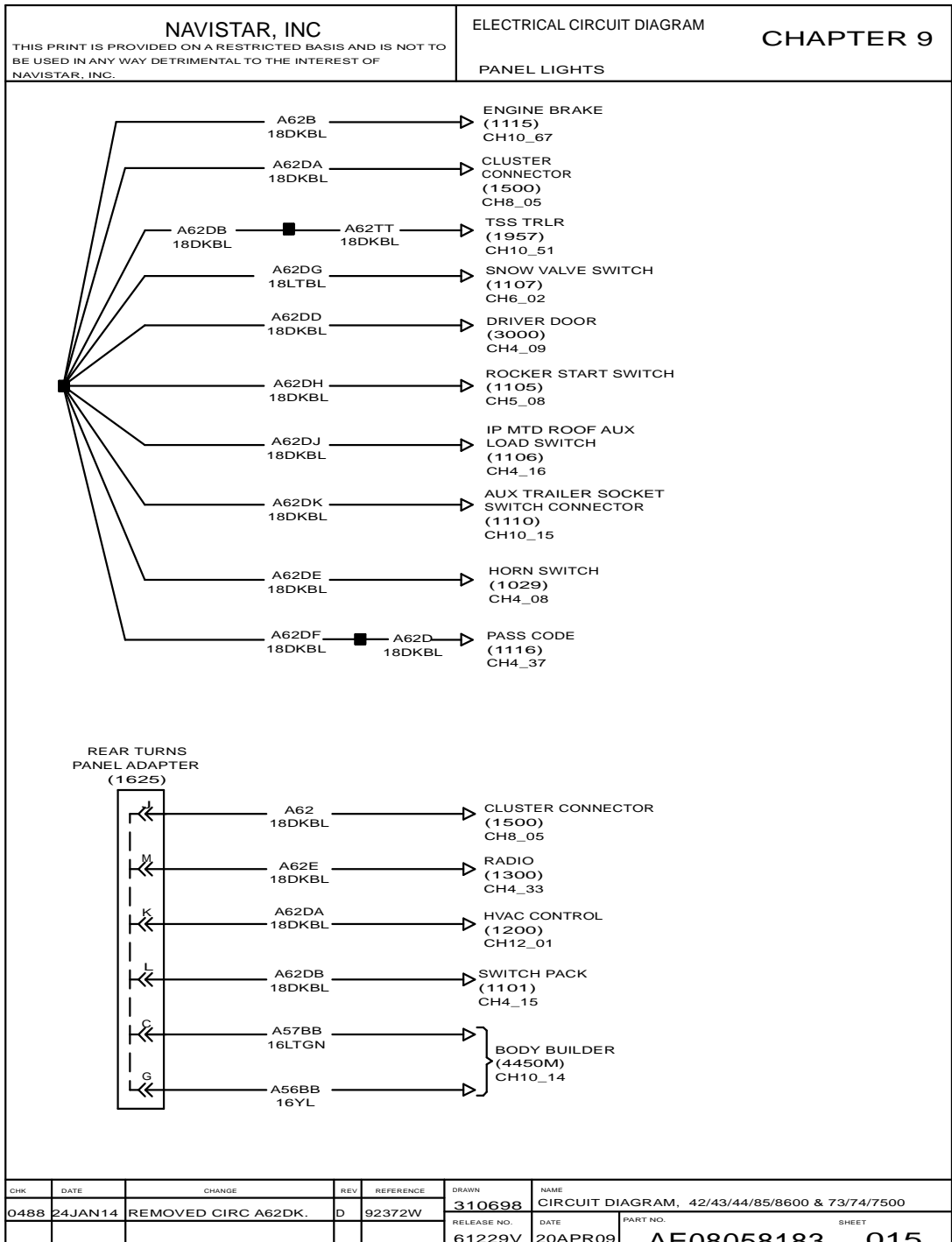


Figure 400 Panel Lights

9.26. PANEL LIGHTS (CONT.), P. 15A

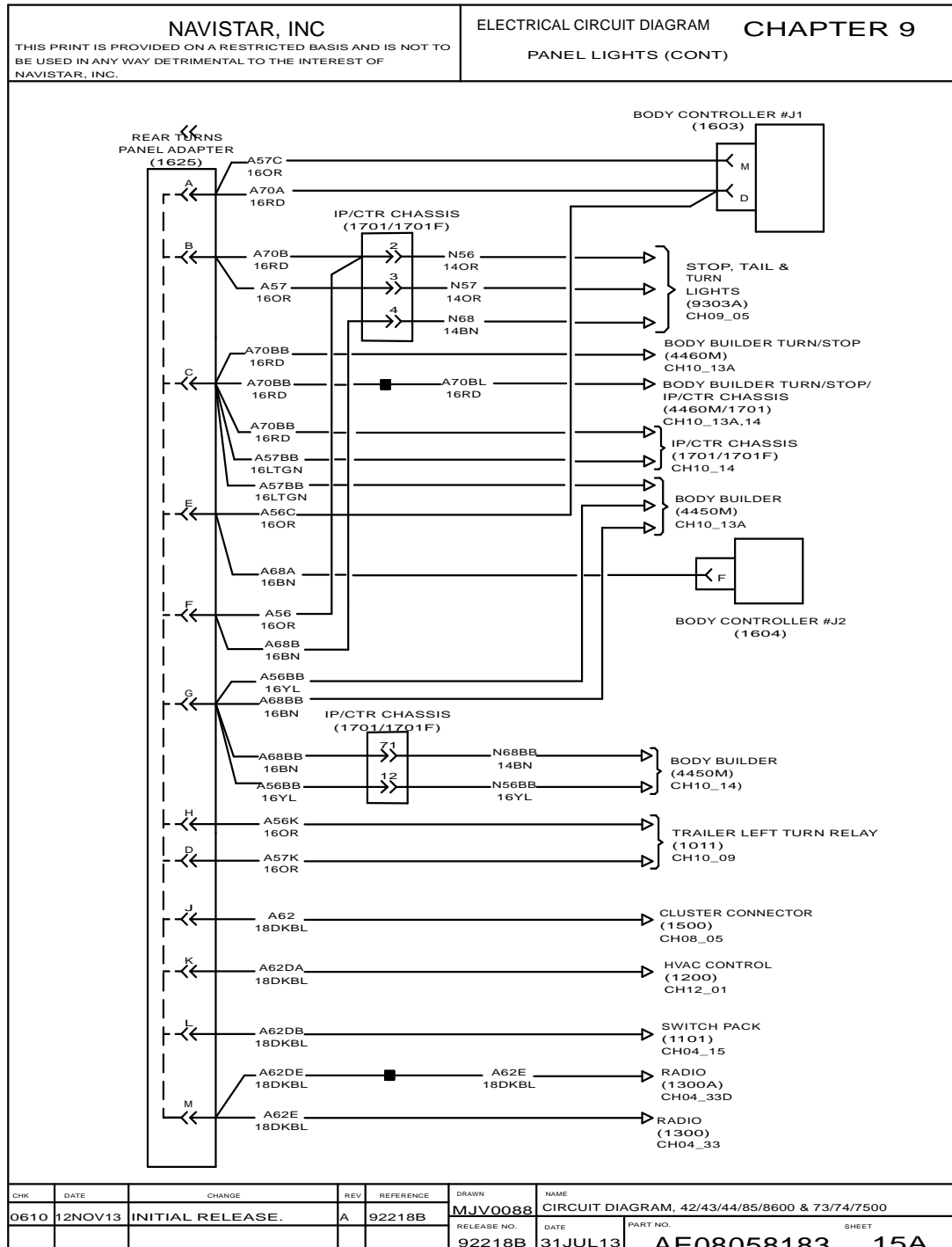


Figure 401 Panel Lights (Cont.)

9.27. LIGHT SYSTEM, WORK LIGHT, P. 16

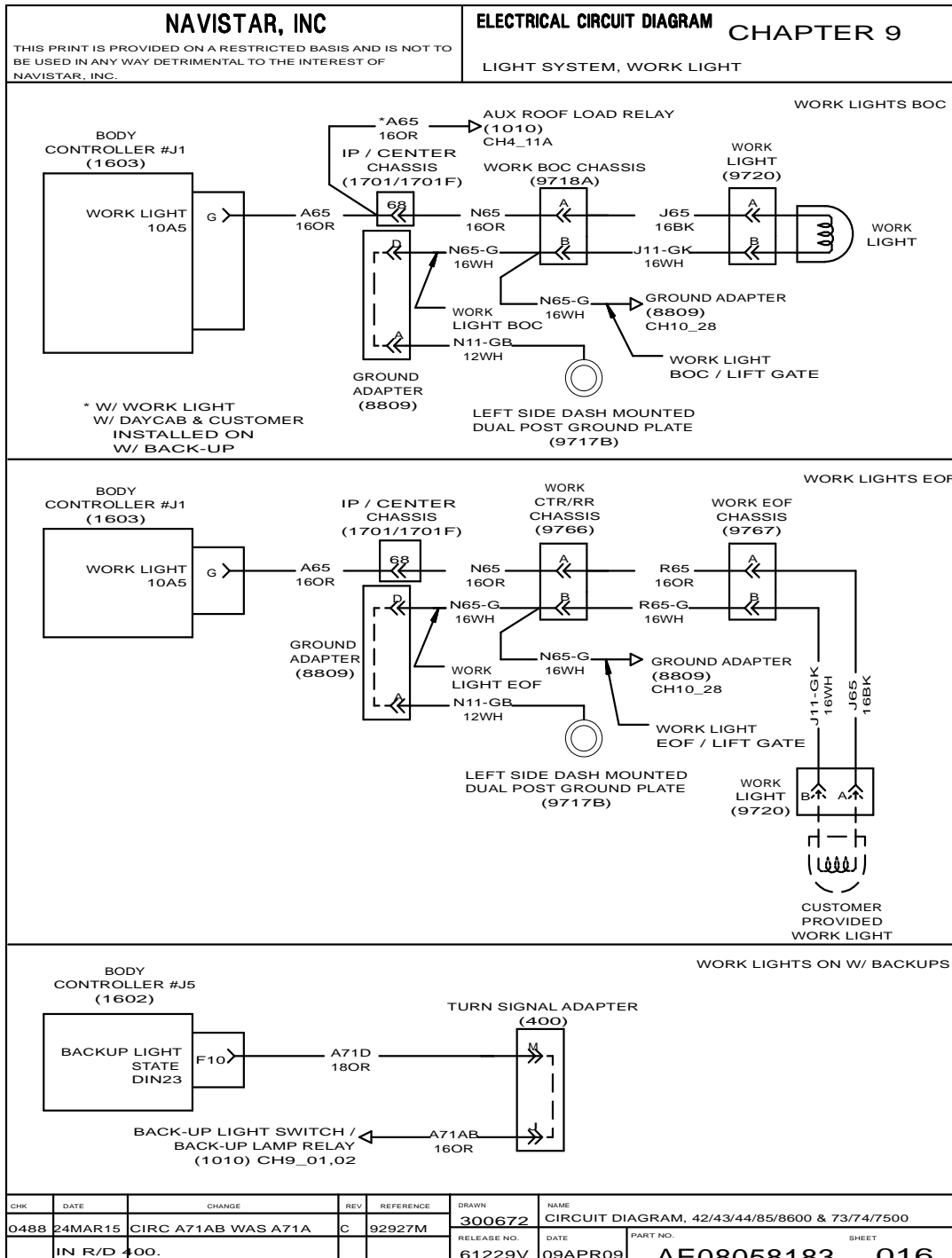


Figure 402 Light System, Work Light

9.28. LIGHT SYSTEM, WORK LIGHT (CONT.), P. 16A

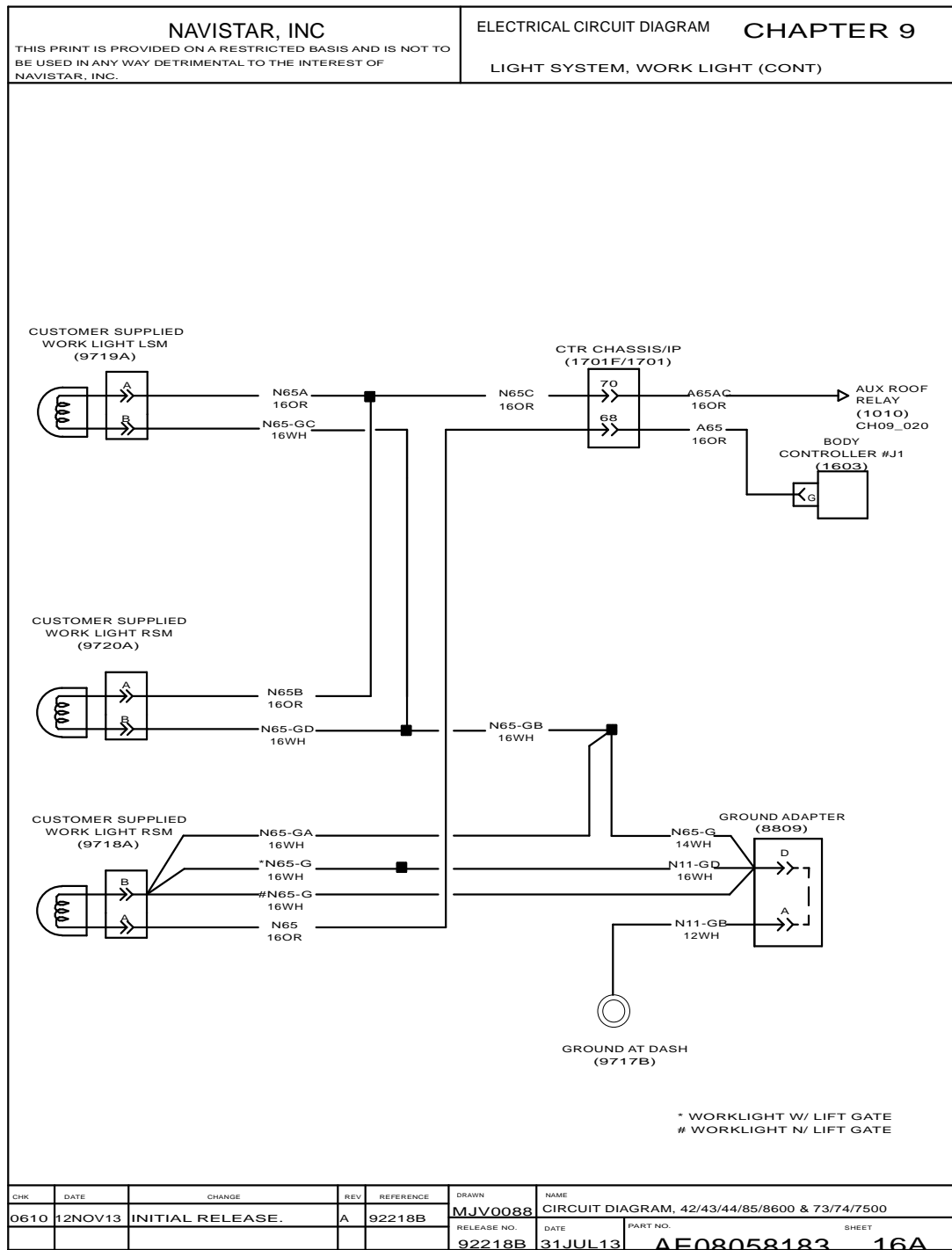


Figure 403 Light System, Work Light (Cont.)

9.29. CUSTOMER SUPPLIED WORK LIGHT WIRING, P. 17

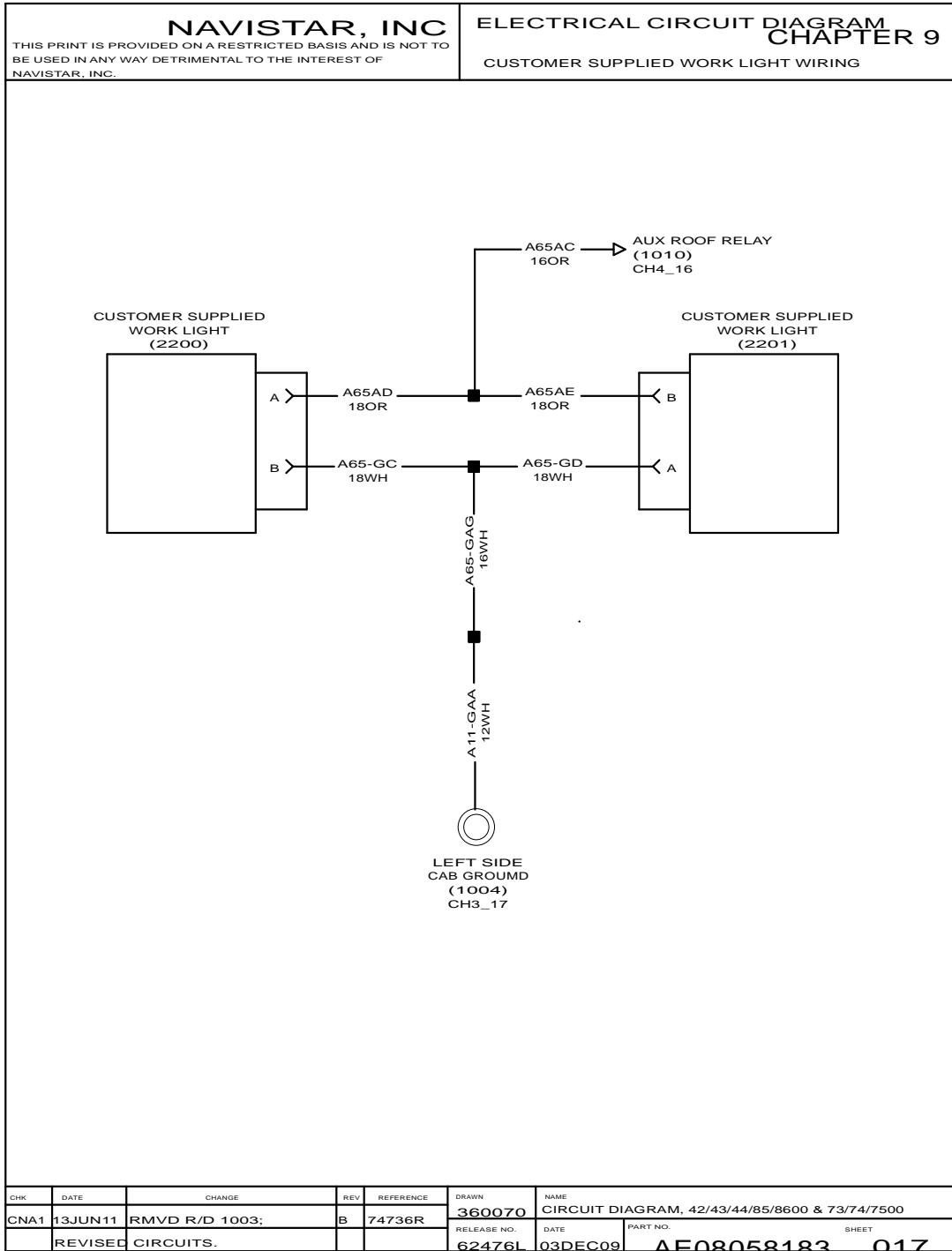


Figure 404 Customer Supplied Work Light Wiring

9.30. INTENTIONALLY LEFT BLANK, P. 18

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.								INTENTIONALLY LEFT BLANK							
INTENTIONALLY LEFT BLANK															
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME									
M.JVO	16AUG16	REMOVED GEOMETRY.	C	93614H	U021681	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500									
					RELEASE NO.	DATE	PART NO.	SHEET							
					76737G	16JUN11	AE08058183	018							

Figure 405 Intentionally Left Blank

9.31. INTENTIONALLY LEFT BLANK, P. 19

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.				INTENTIONALLY LEFT BLANK			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
M.JVO	16AUG16	REMOVED GEOMETRY.	B	93614H	U021681	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
					RELEASE NO.	DATE	PART NO.
					76737G	16JUN11	AE08058183 019

Figure 406 Intentionally Left Blank

9.32. CUSTOMER SUPPLIED LIGHTS, P. 20

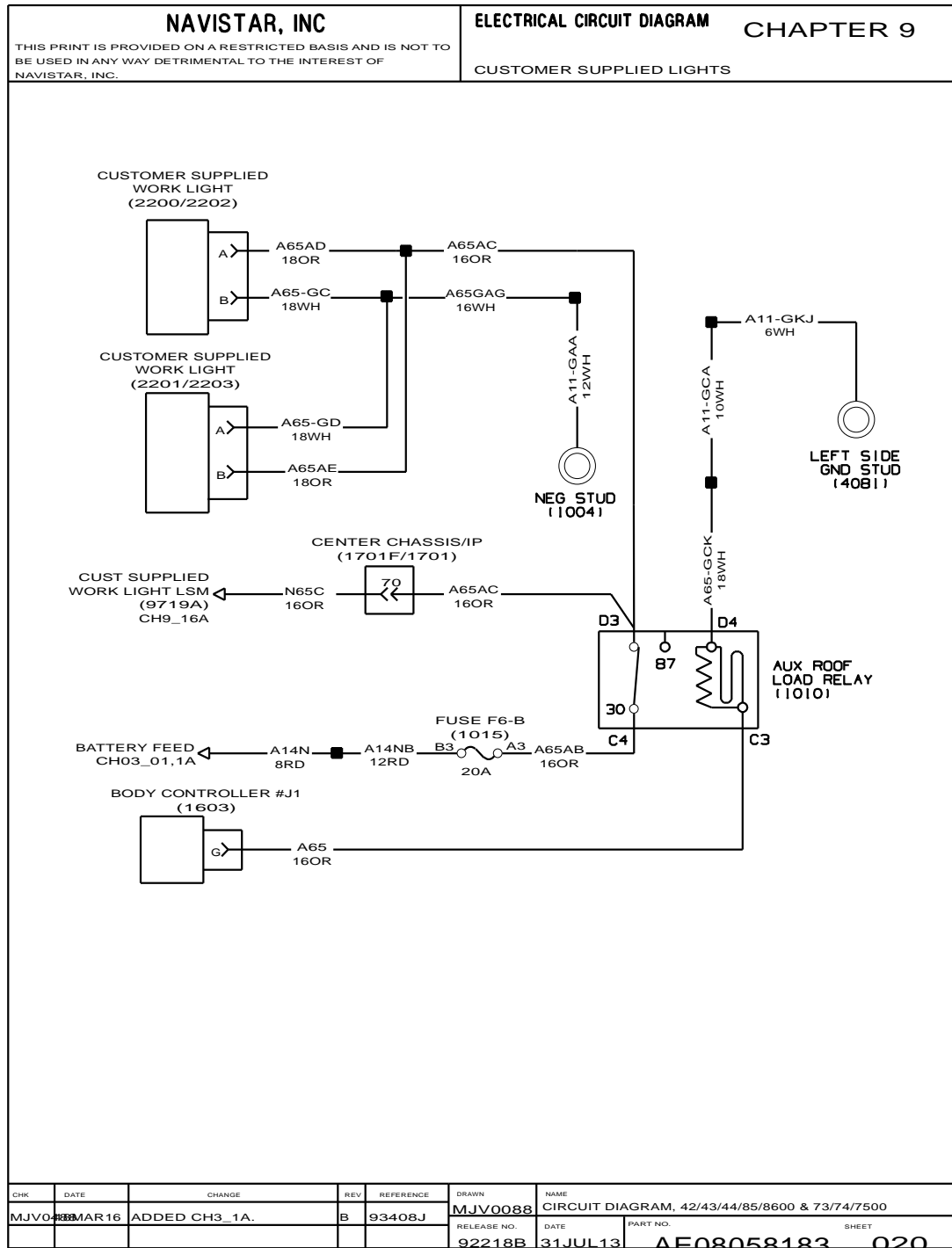


Figure 407 Customer Supplied Lights

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJVO	16MAR16	ADDED CH3_1A.	B	93408J	MJV0088	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					92218B	31JUL13
					PART NO.	SHEET
					AE08058183	020

9.33. BACK UP LIGHT SWITCH WITH I6, I-367 ENGINE, P. 21

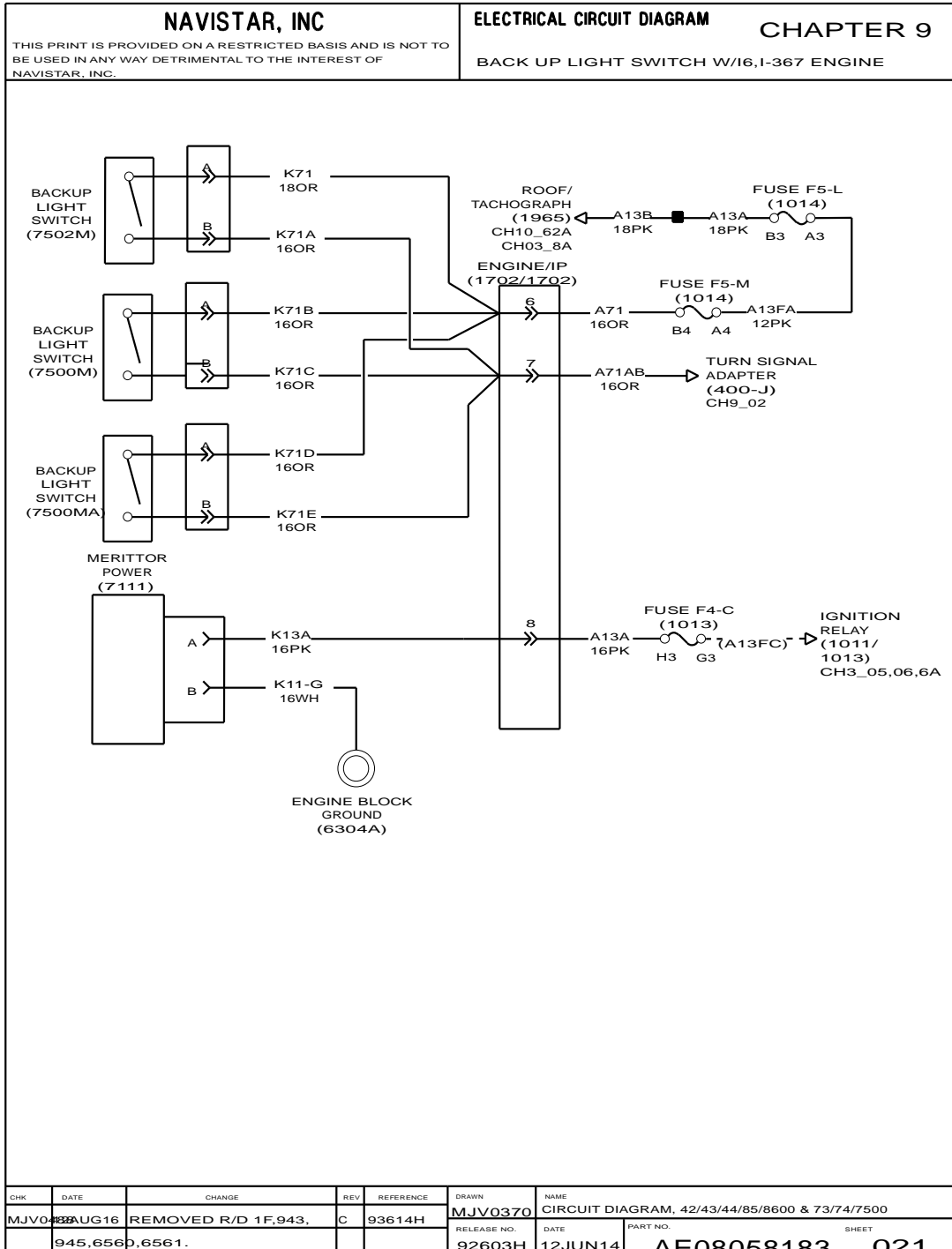


Figure 408 Back Up Light Switch with I6, I-367 Engine

CHASSIS ACCESSORIES (CHAPTER 10)

10.1. ABS – BENDIX AIR, P. 1

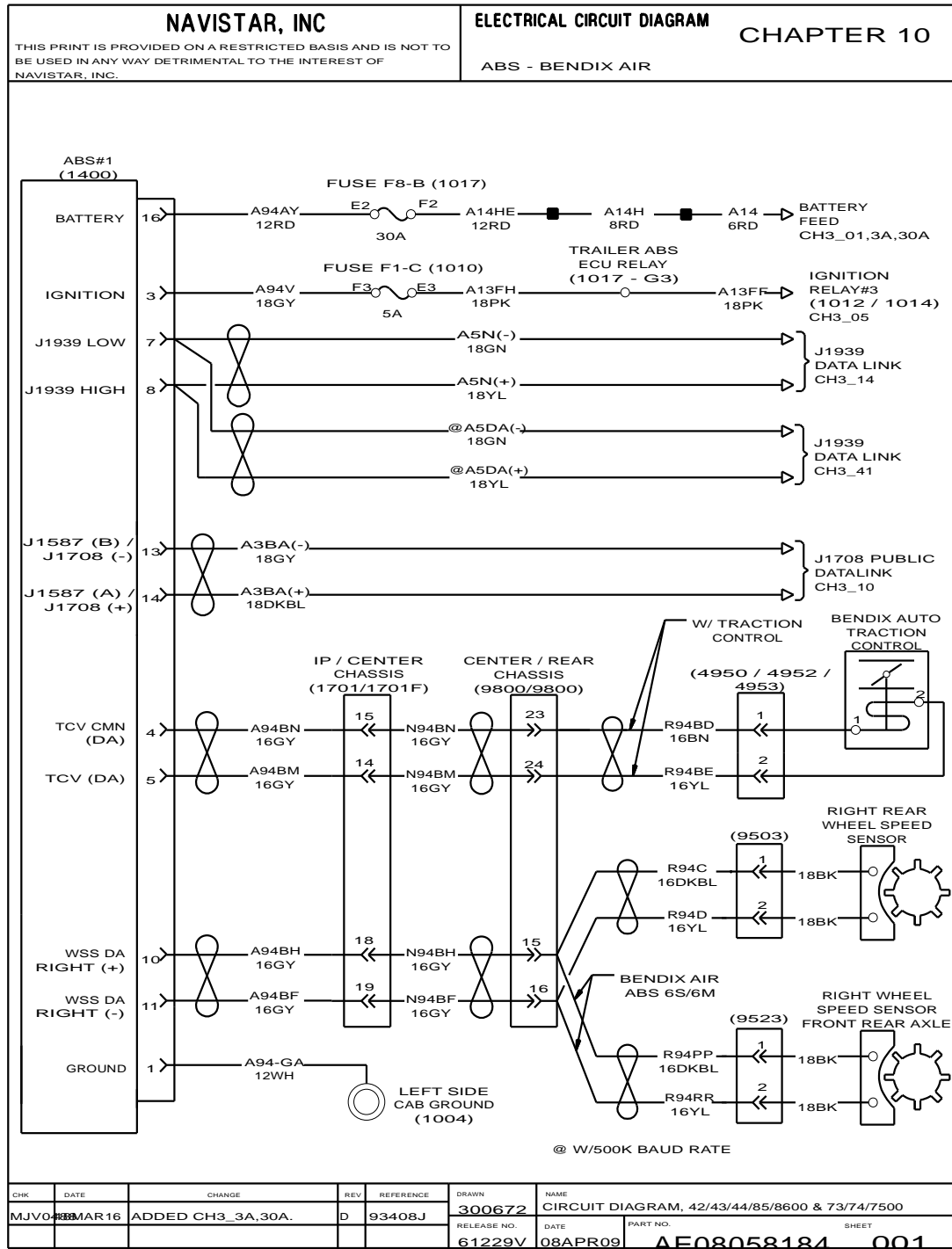


Figure 409 ABS – Bendix Air

10.2. ABS – BENDIX AIR (CONT.), P. 2

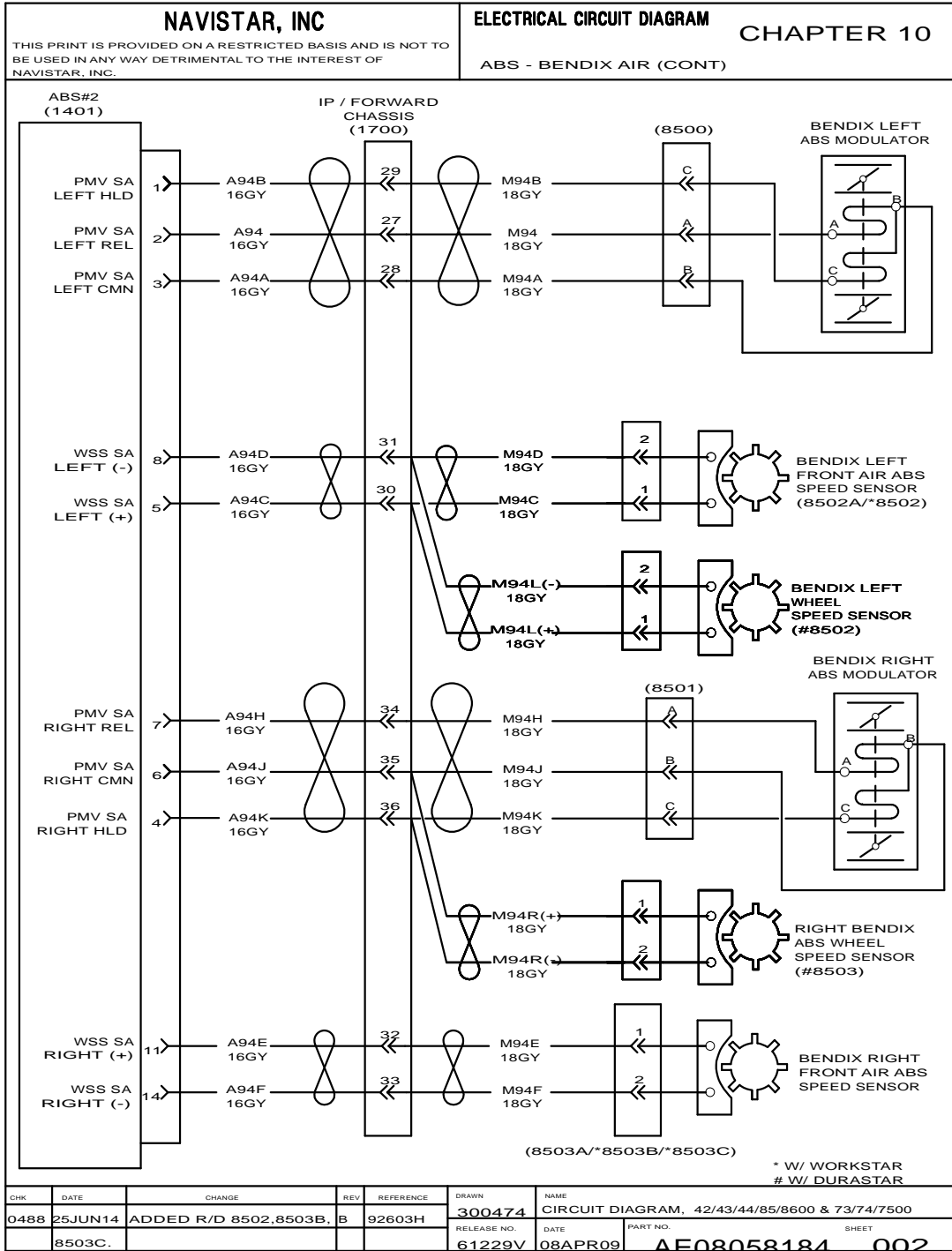


Figure 410 ABS – Bendix Air (Cont.)

10.3. ABS – BENDIX AIR (CONT.), P. 3

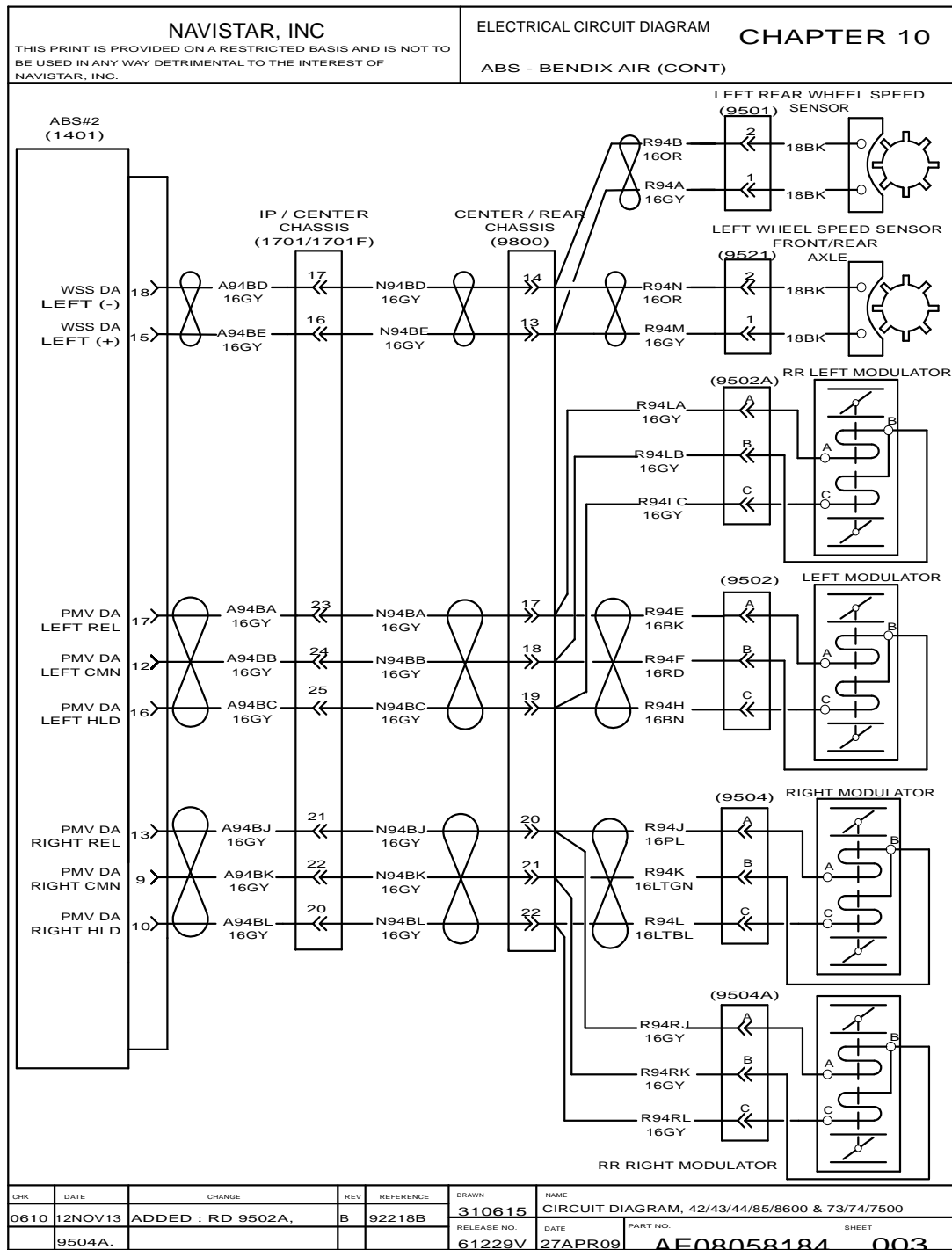


Figure 411 ABS – Bendix Air (Cont.)

10.4. ABS – BENDIX AIR (CONT.), P. 3A

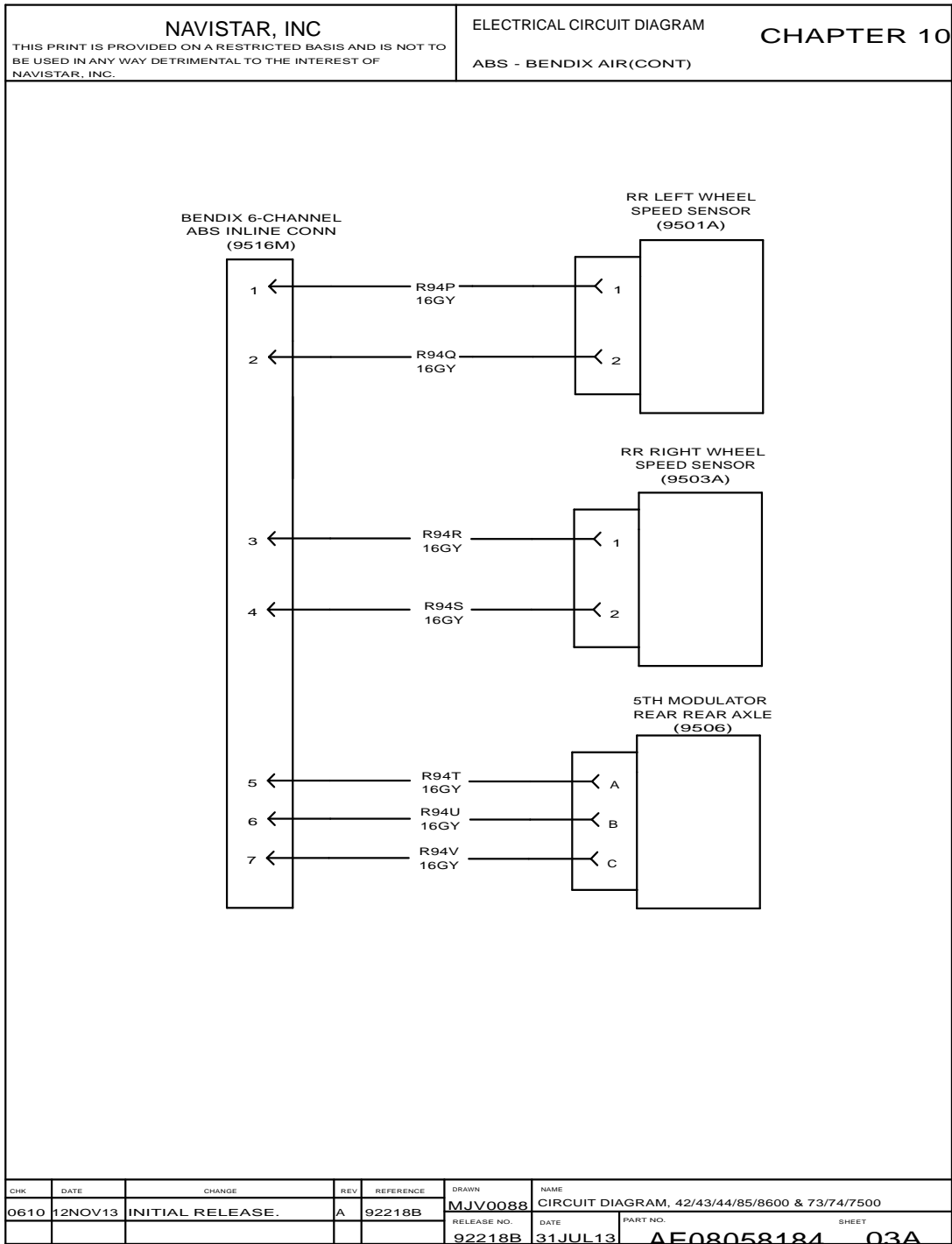


Figure 412 ABS – Bendix Air (Cont.)

10.5. ABS – WABCO AIR 4S / 4M, P. 4

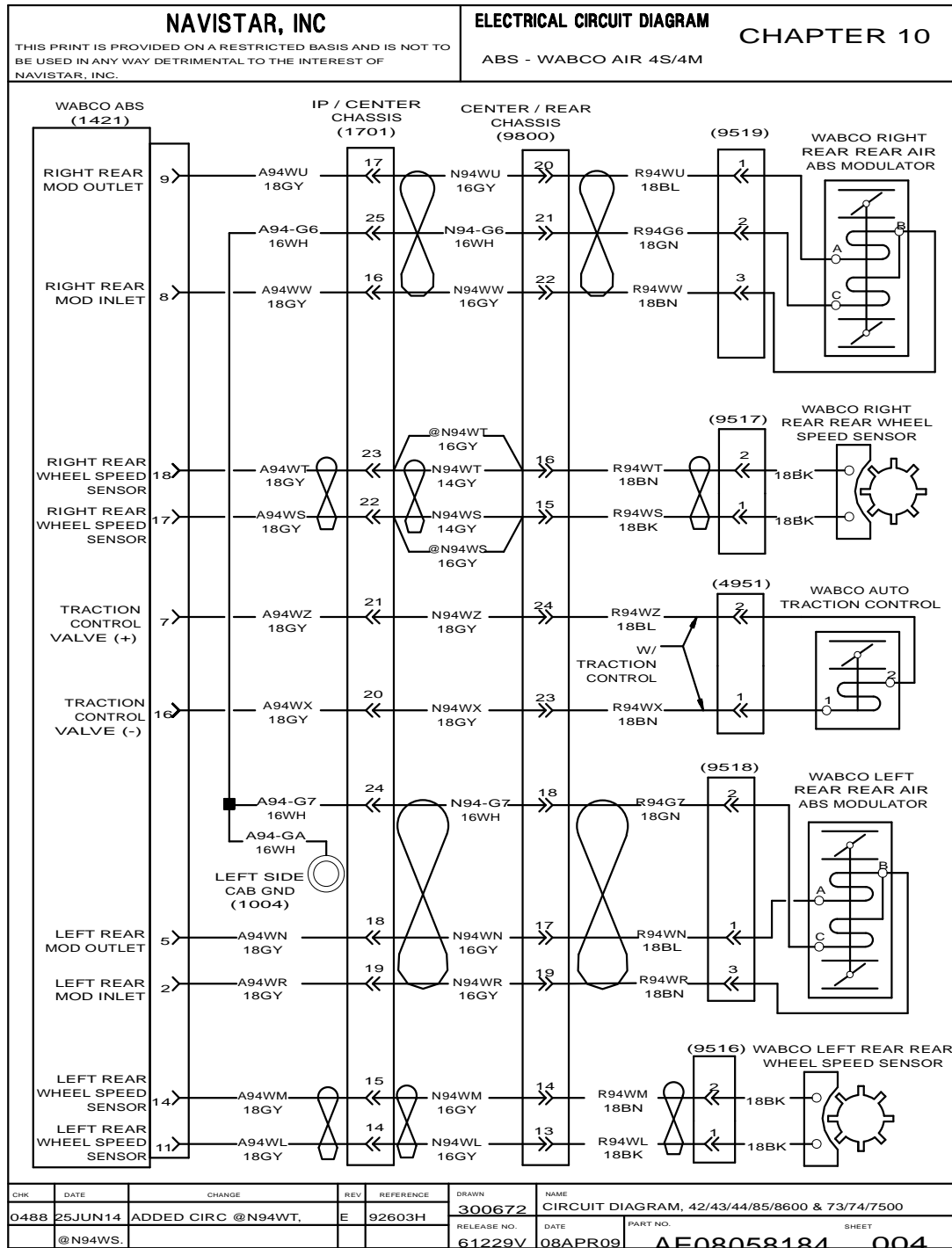


Figure 413 ABS – WABCO Air 4S / 4M

10.6. ABS – WABCO AIR (4000 / 7000 MODELS), P. 4A

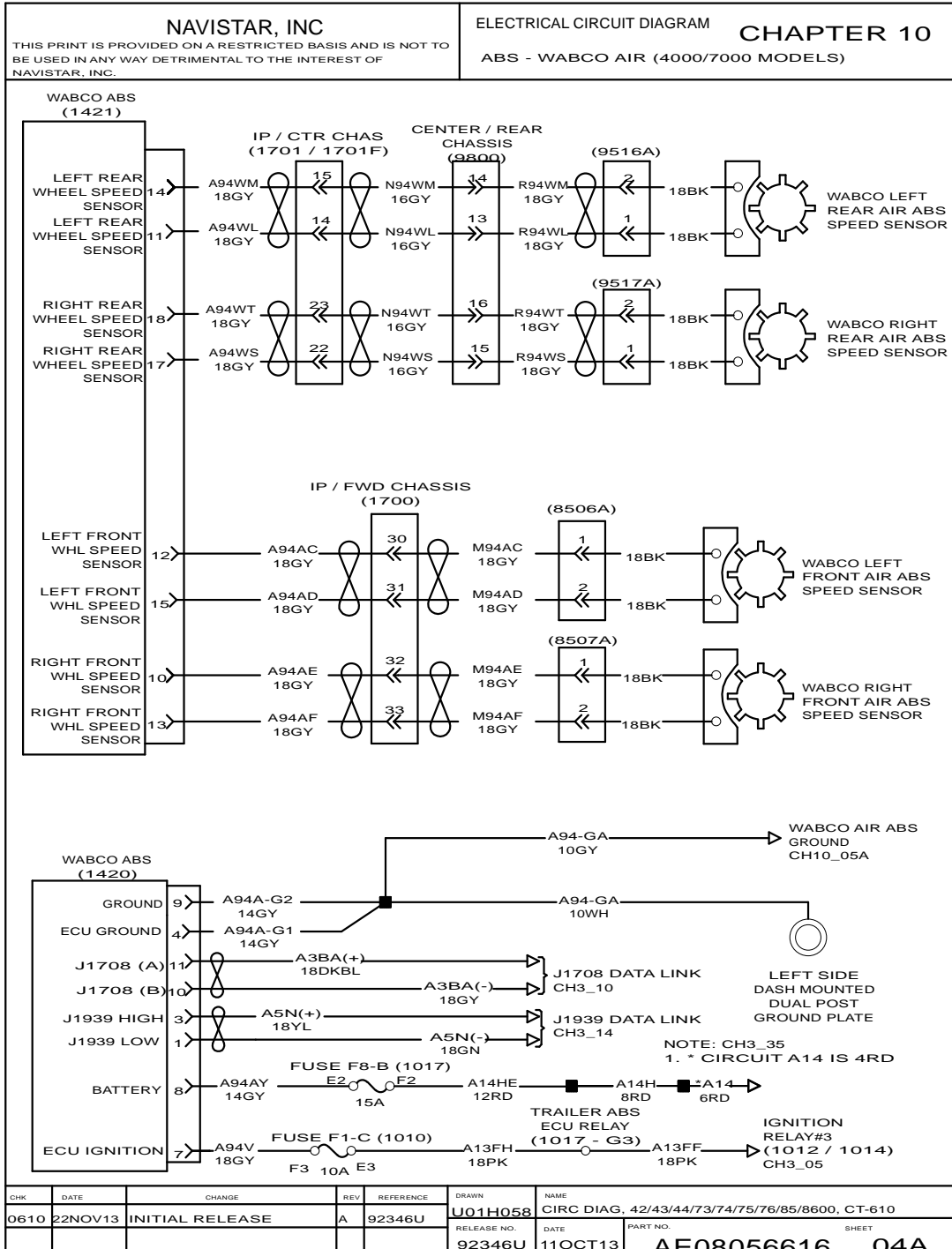


Figure 414 ABS – WABCO Air (4000 / 7000 Models)

10.7. ABS – WABCO AIR (CONT.), P. 5

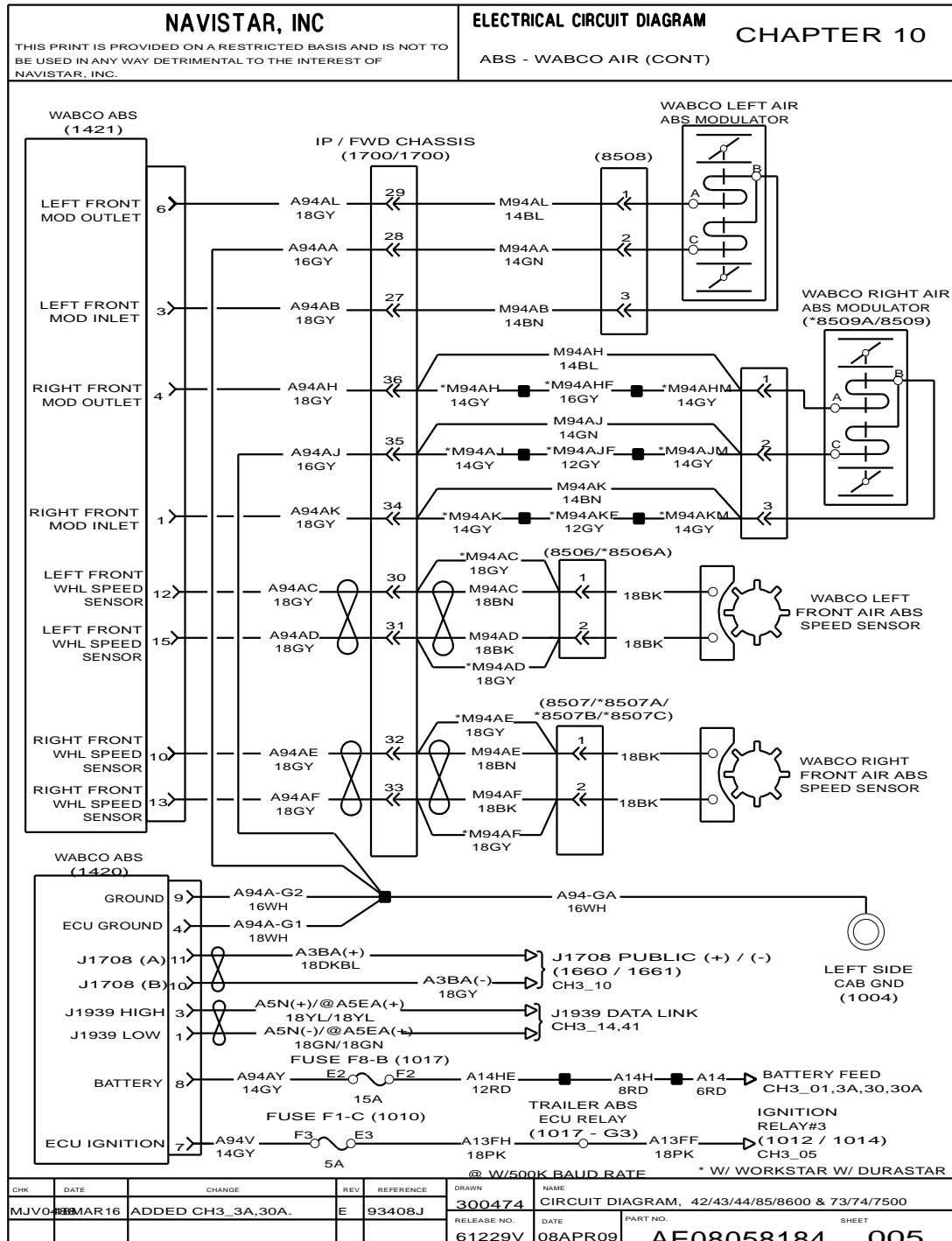


Figure 415 ABS – WABCO Air (Cont.)

10.8. ABS – WABCO AIR (4000 / 7000 MODELS) (CONT.), P. 5A

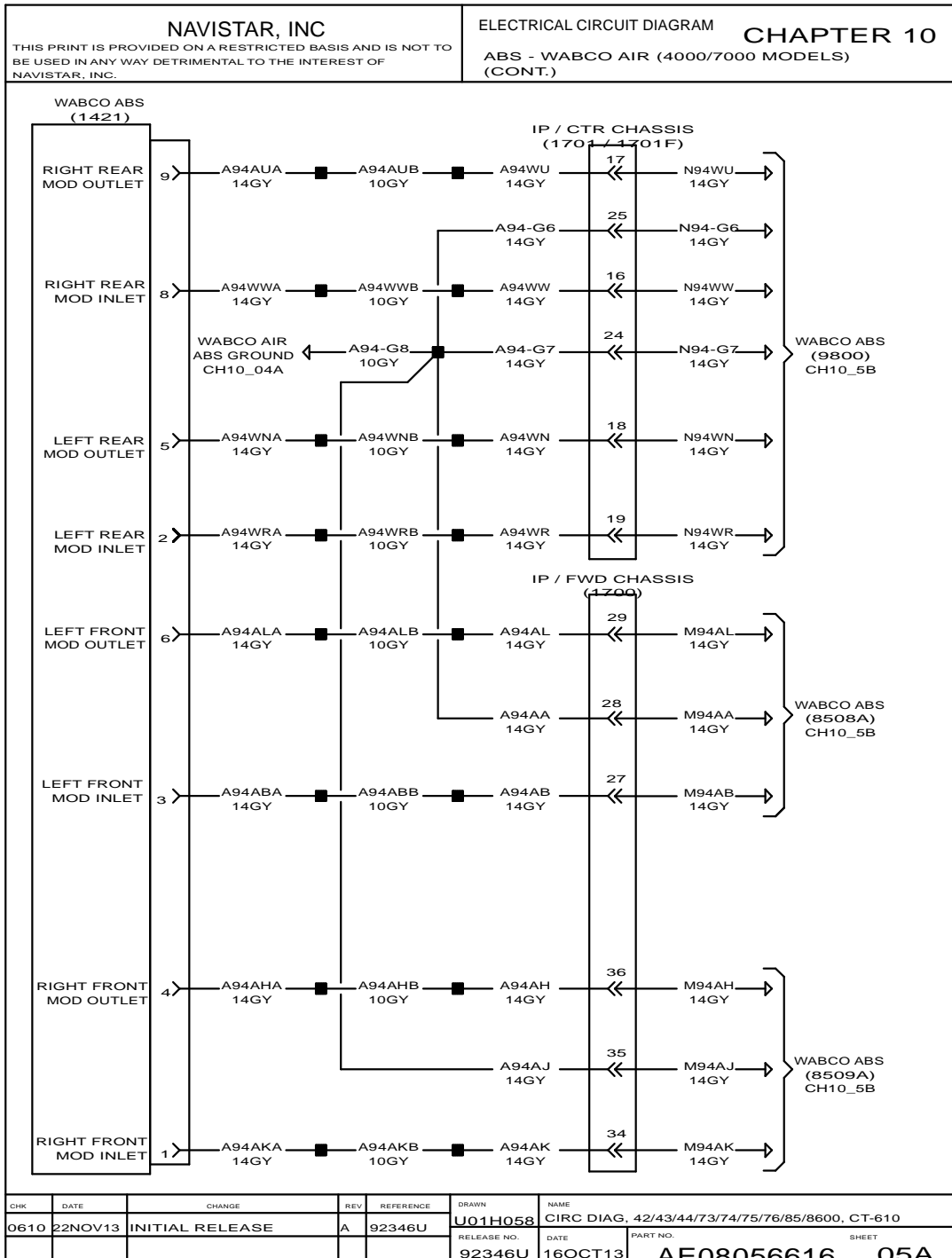


Figure 416 ABS – WABCO Air (4000 / 7000 Models) (Cont.)

10.9. ABS – WABCO AIR (4000 / 7000 MODELS) (CONT.), P. 5B

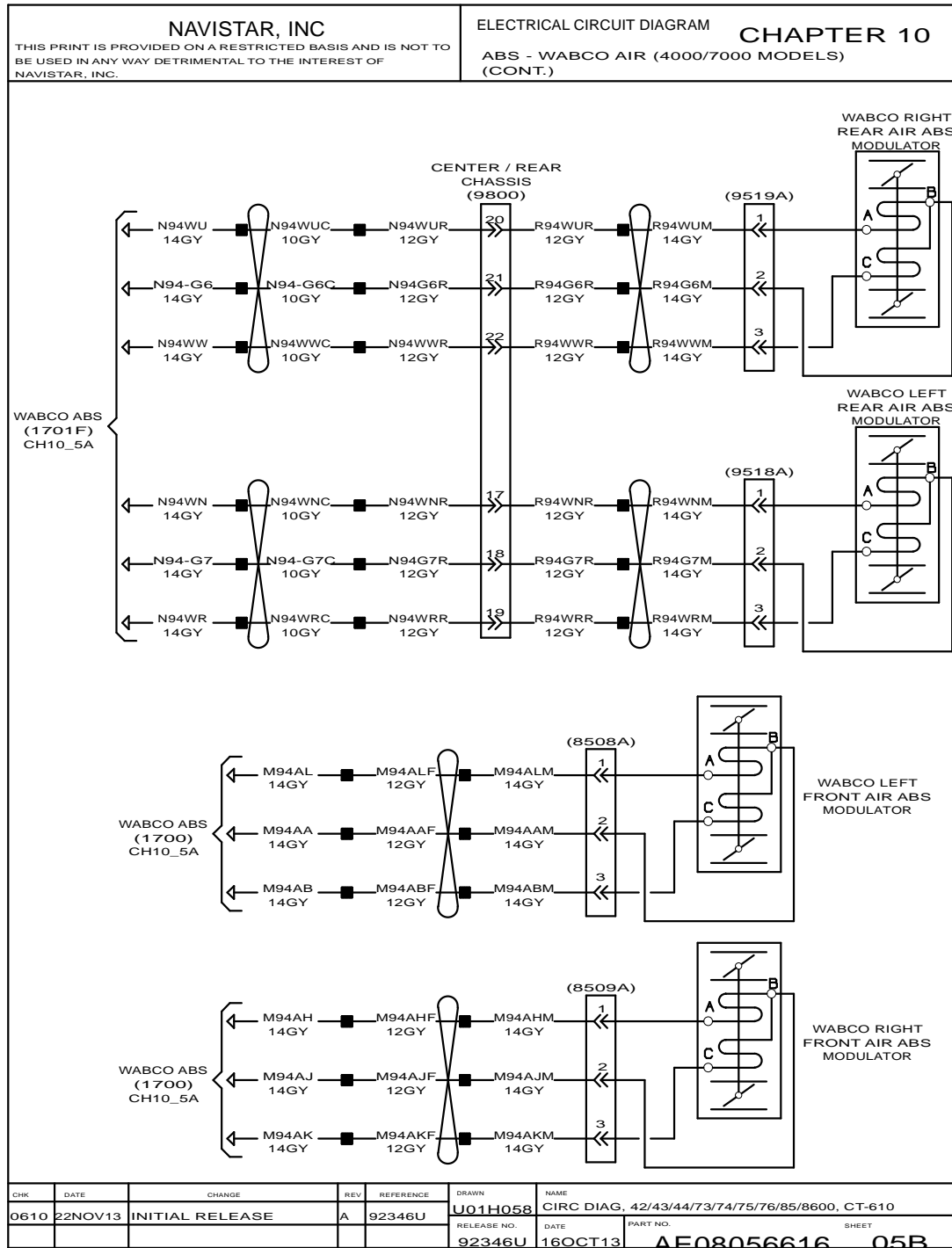


Figure 417 ABS – WABCO Air (4000 / 7000 Models) (Cont.)

10.10. WABCO FULL POWER BRAKES, P. 6

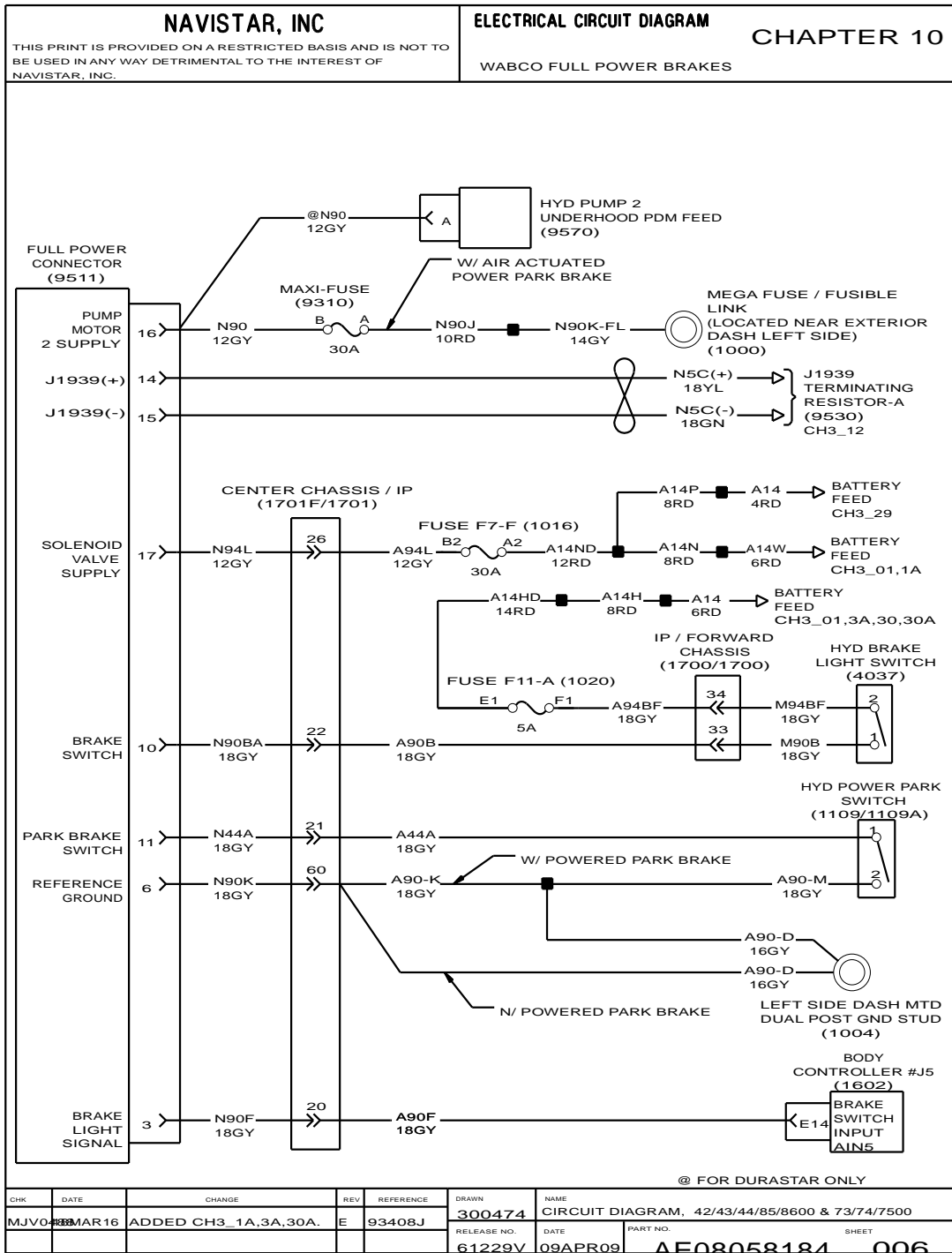


Figure 418 WABCO Full Power Brakes

10.11. WABCO FULL POWER BRAKES (CONT.), P. 7

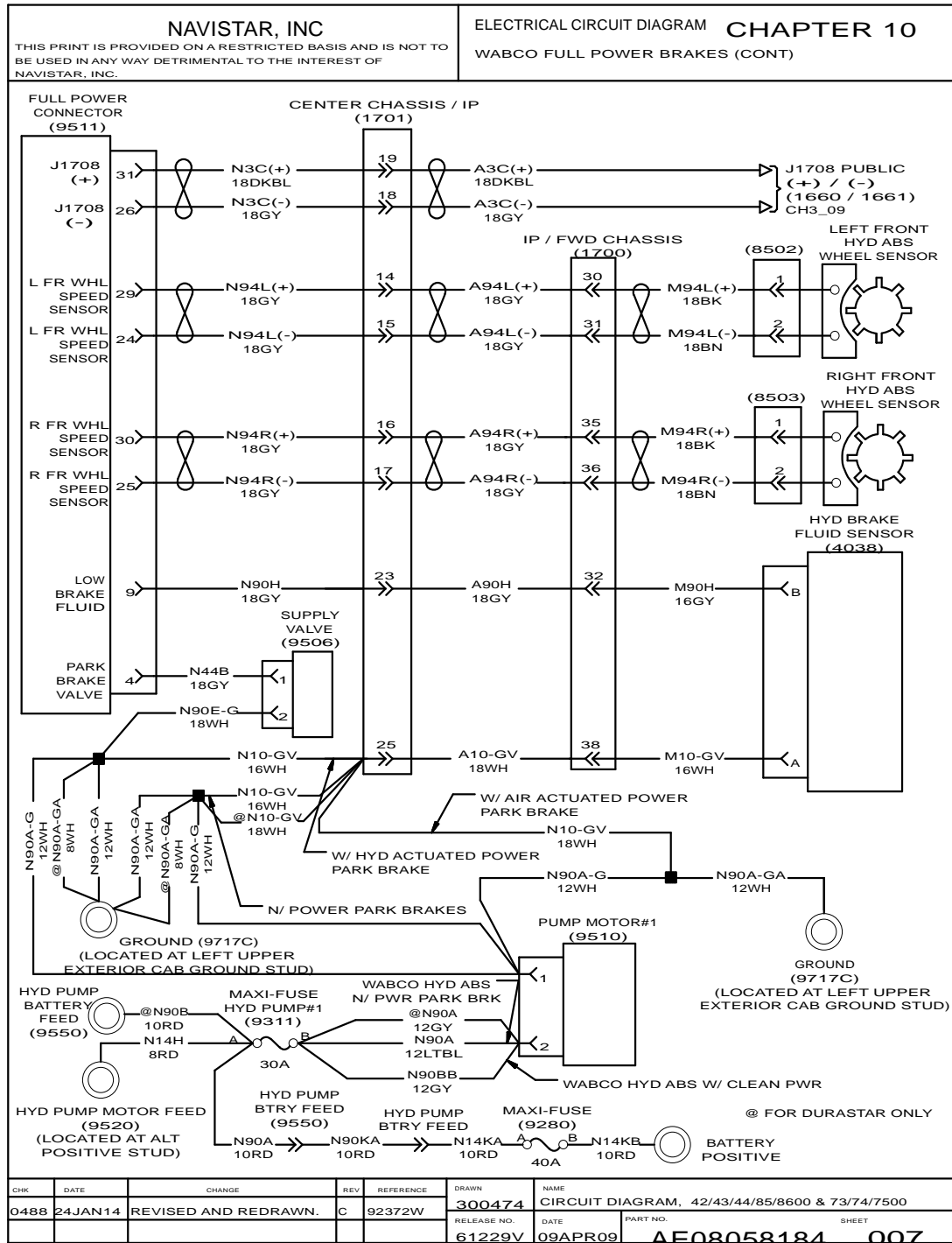


Figure 419 WABCO Full Power Brakes (Cont.)

10.12. WABCO FULL POWER BRAKES (CONT.), P. 8

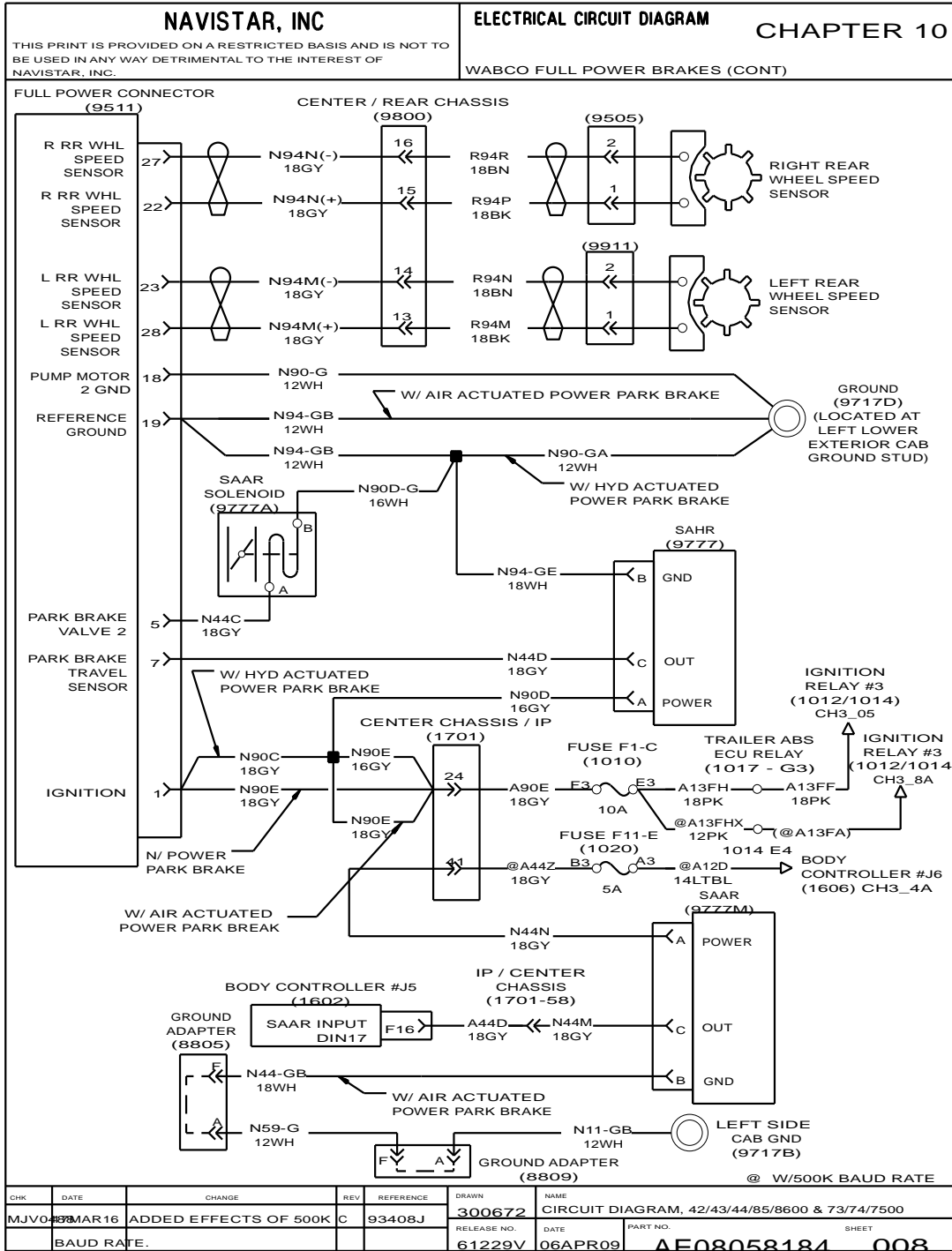


Figure 420 WABCO Full Power Brakes (Cont.)

10.13. BODY BUILDER AND TRAILER – TURN, MARKERS AND STOP, P. 9

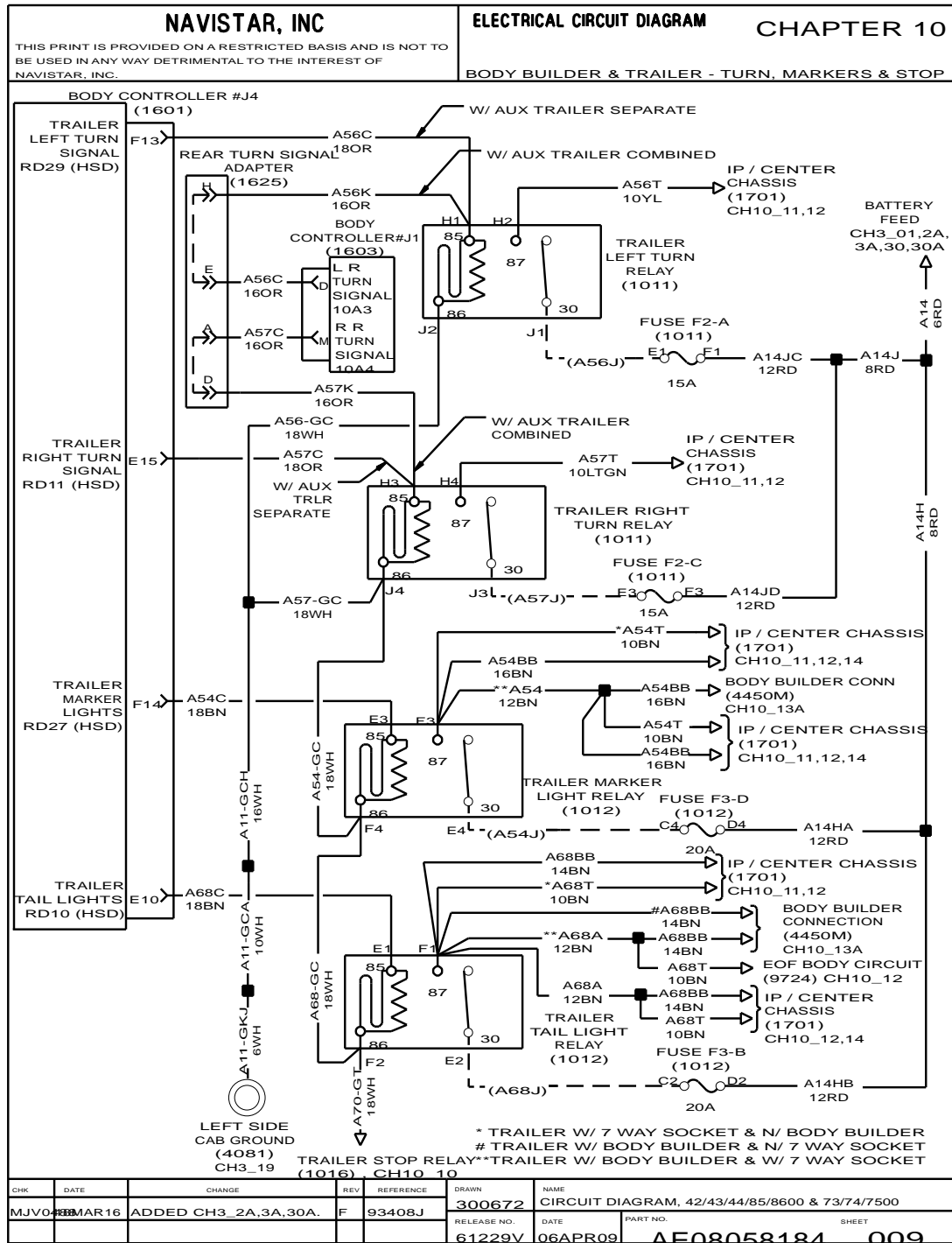


Figure 421 Body Builder and Trailer – Turn, Markers and Stop

10.14. BODY BUILDER AND TRAILER – TURN, MARKERS AND STOP (CONT.), P. 10

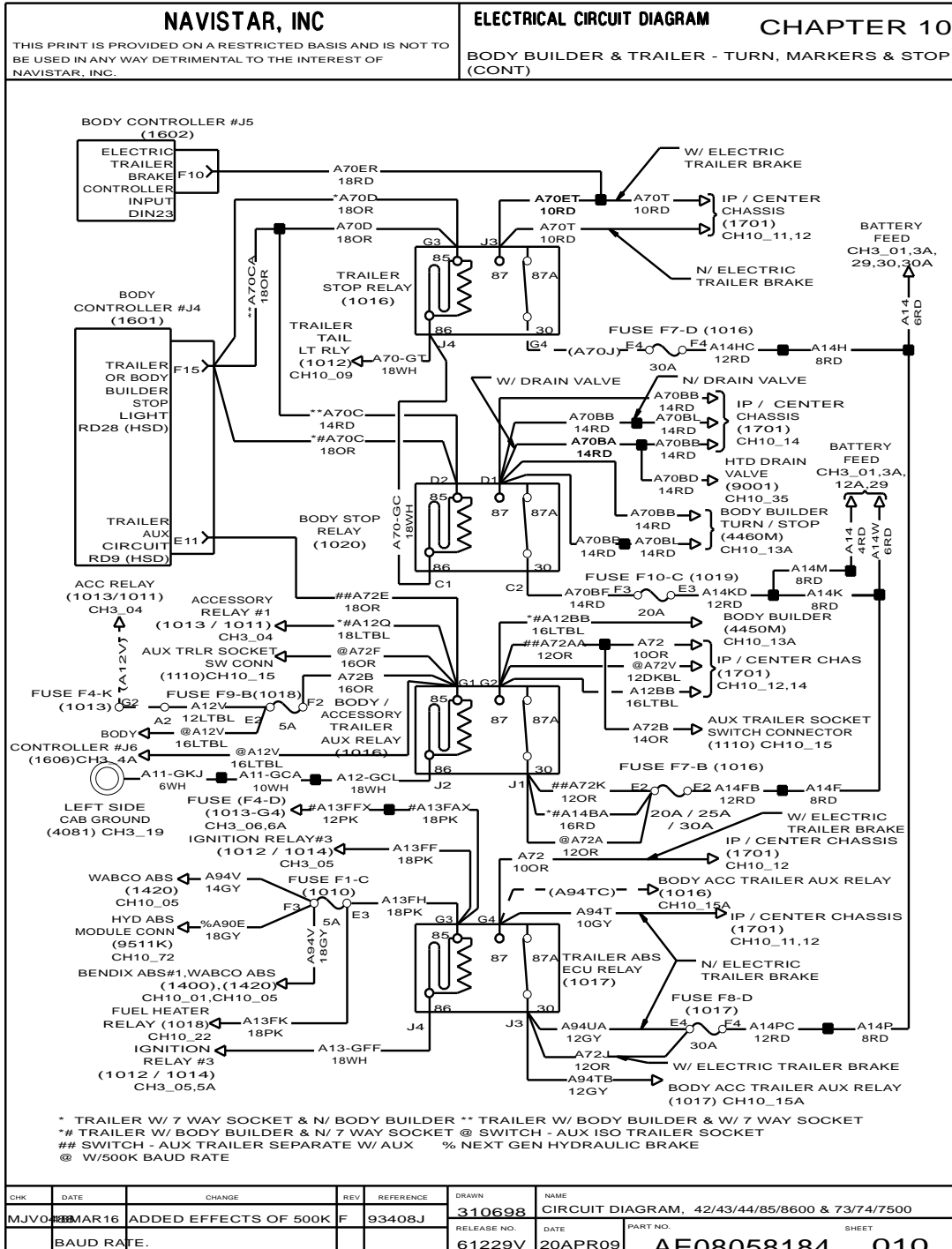


Figure 422 Body Builder and Trailer – Turn, Markers and Stop (Cont.)

10.15. TRAILER SOCKET – BOC AND EOF, P. 11

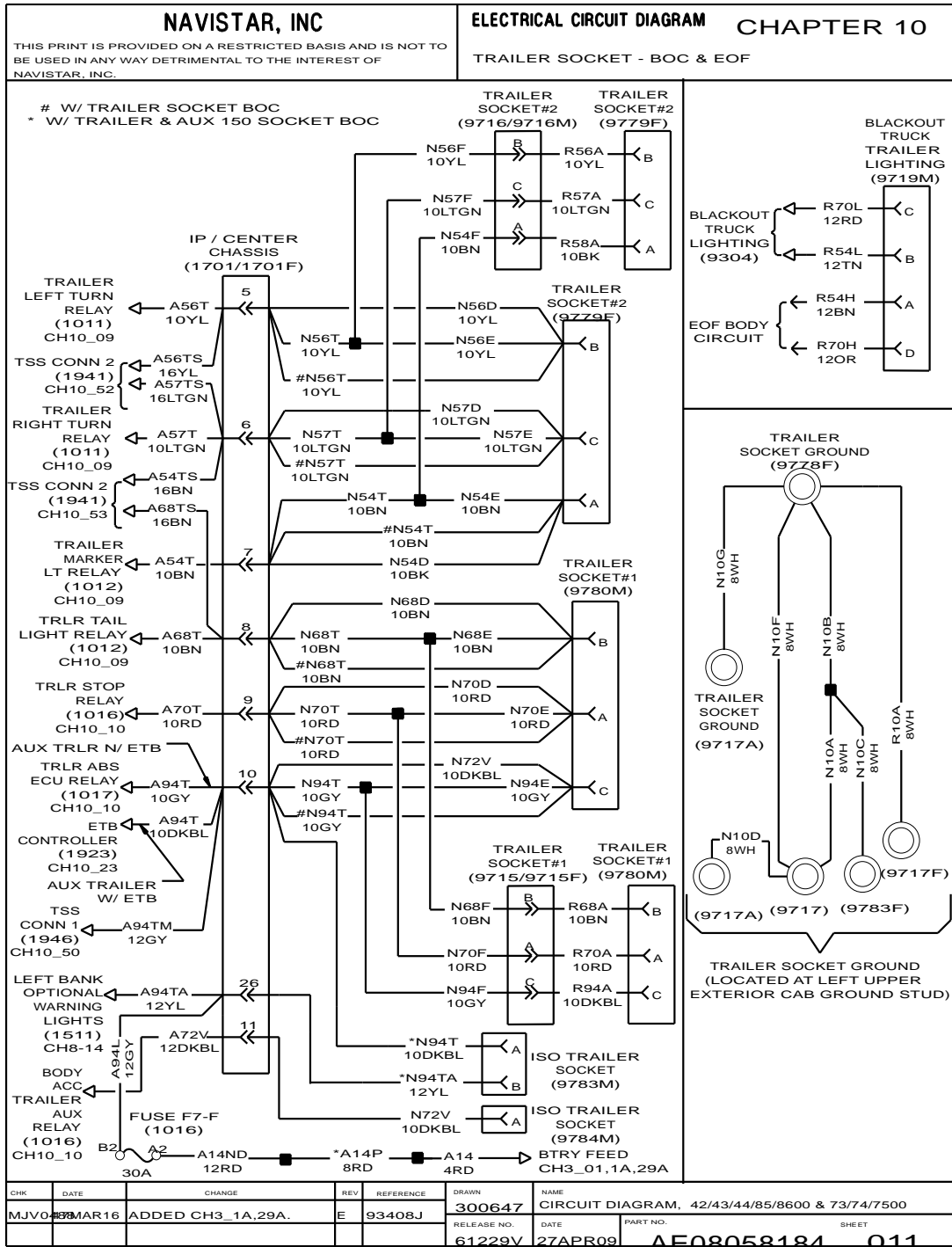


Figure 423 Trailer Socket – BOC and EOF

10.16. BODY BUILDER AND TRAILER SOCKET – BOC AND EOF, P. 12

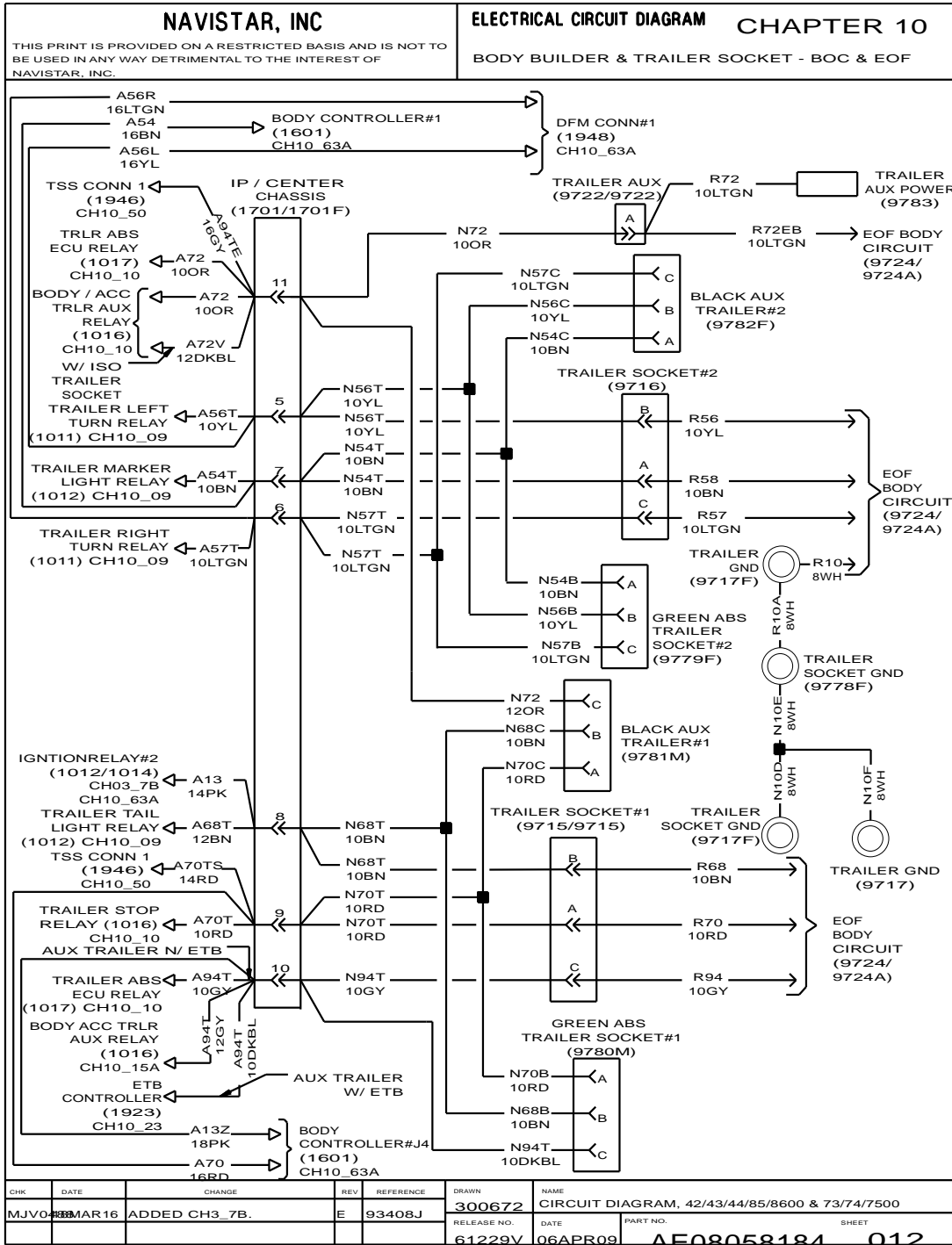


Figure 424 Body Builder and Trailer Socket – BOC and EOF

10.17. 12V TRAILER SOCKET, P. 12A

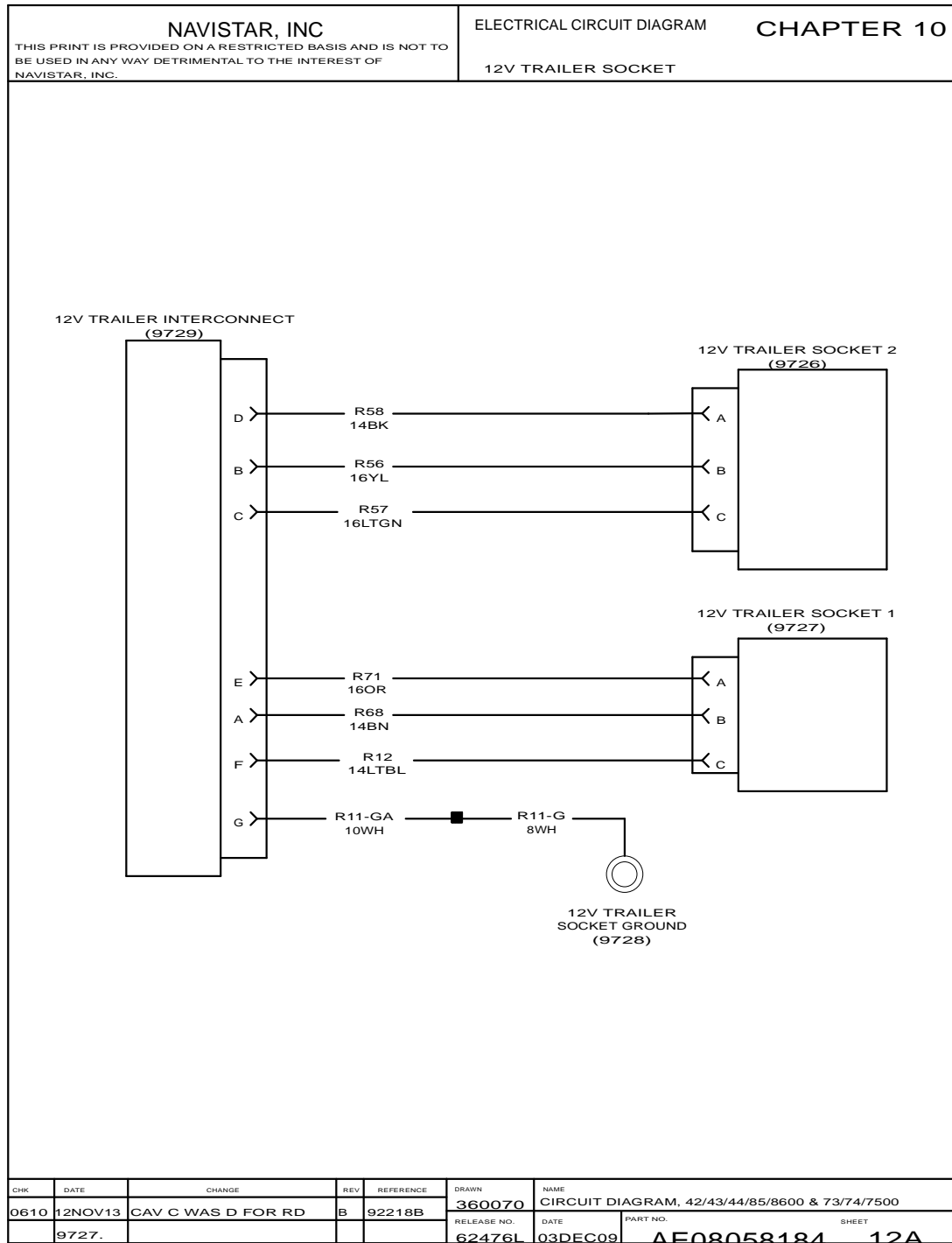


Figure 425 12V Trailer Socket

10.18. BODY BUILDER PRE-WIRING, P. 13

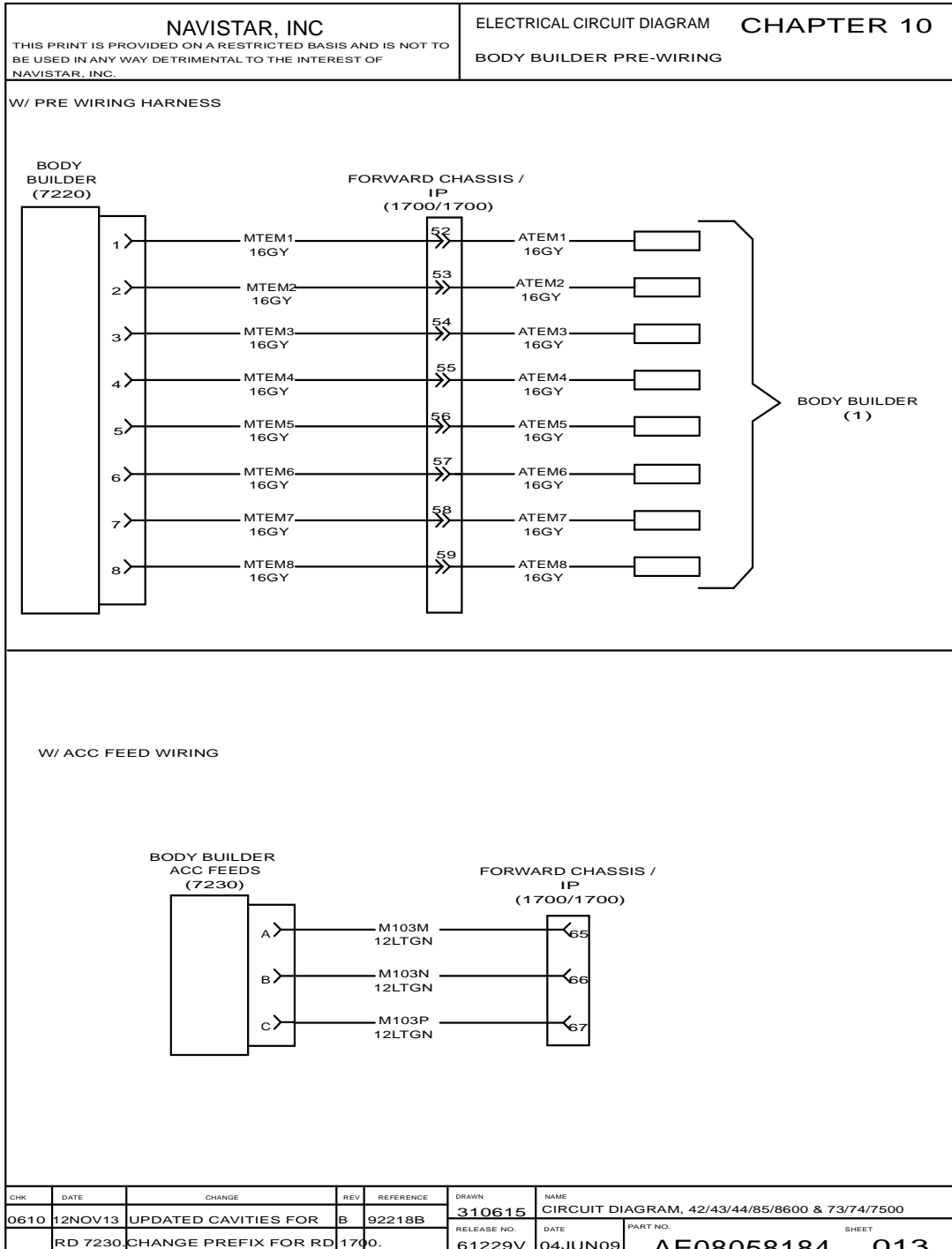


Figure 426 Body Builder Pre-Wiring

10.19. BODY BUILDER PRE-WIRING (CONT.), P. 13A

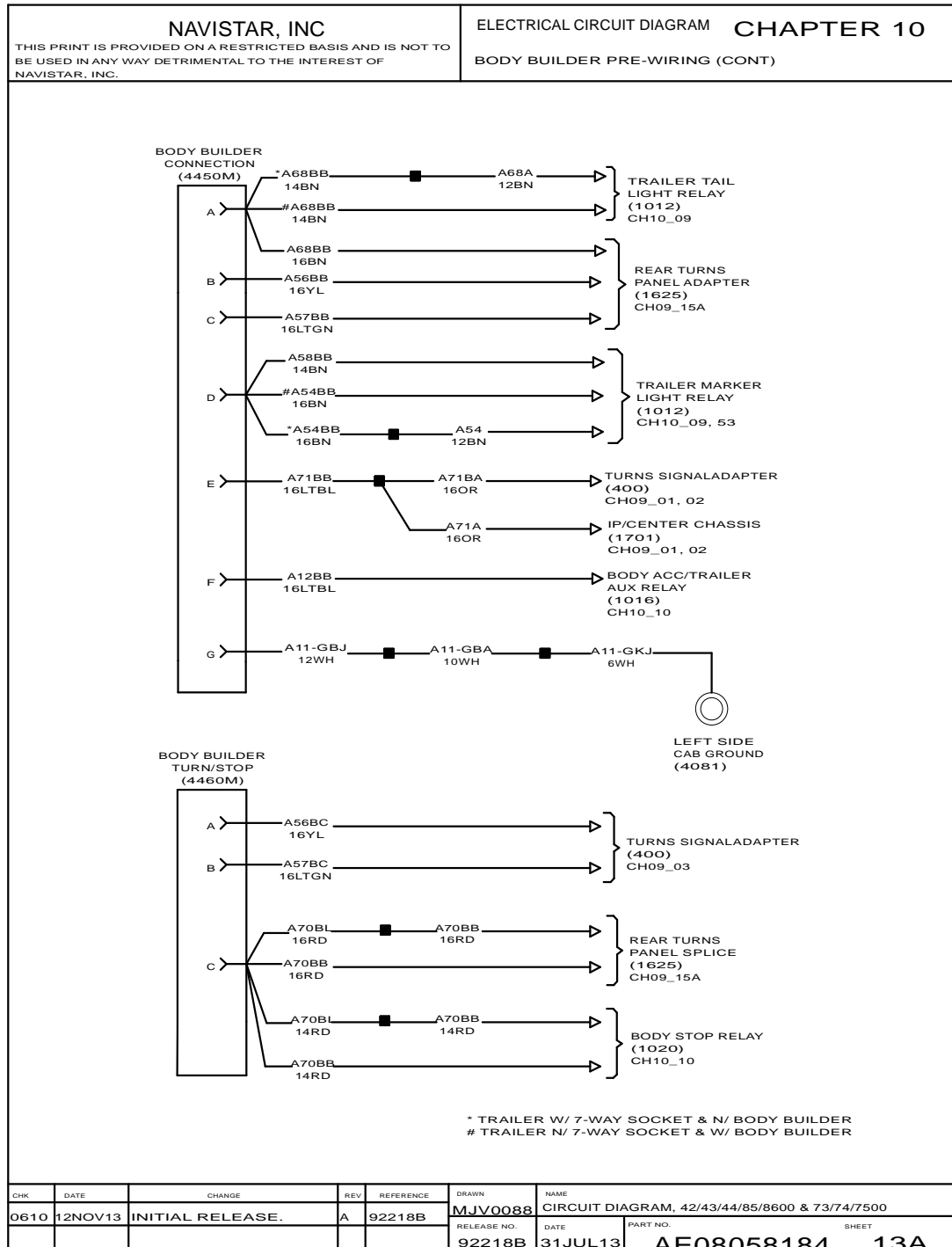


Figure 427 Body Builder Pre-Wiring (Cont.)

10.20. BODY BUILDER CONNECTIONS, P. 14

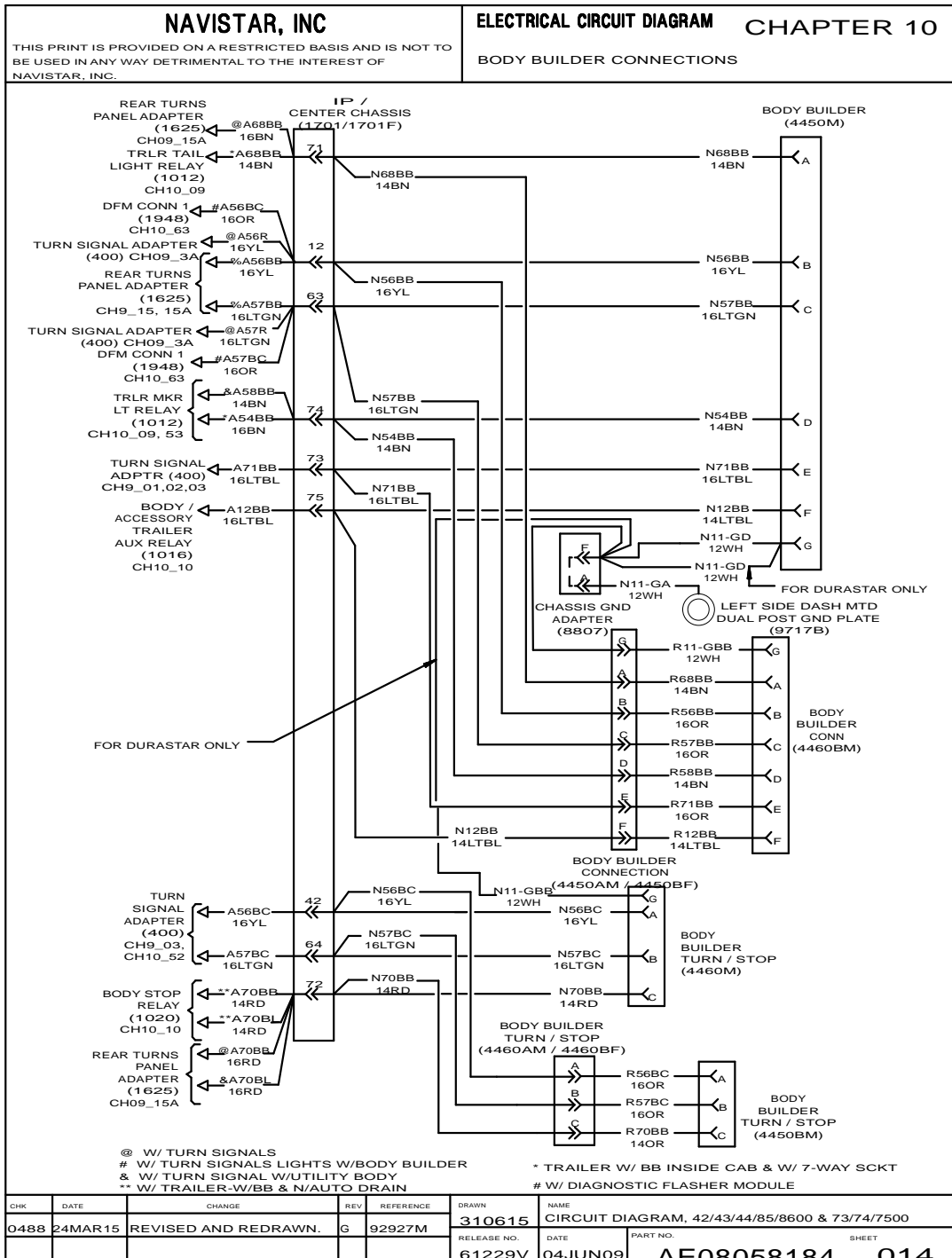


Figure 428 Body Builder Connections

10.21. UTILITY BODY CONNECTIONS, P. 14A

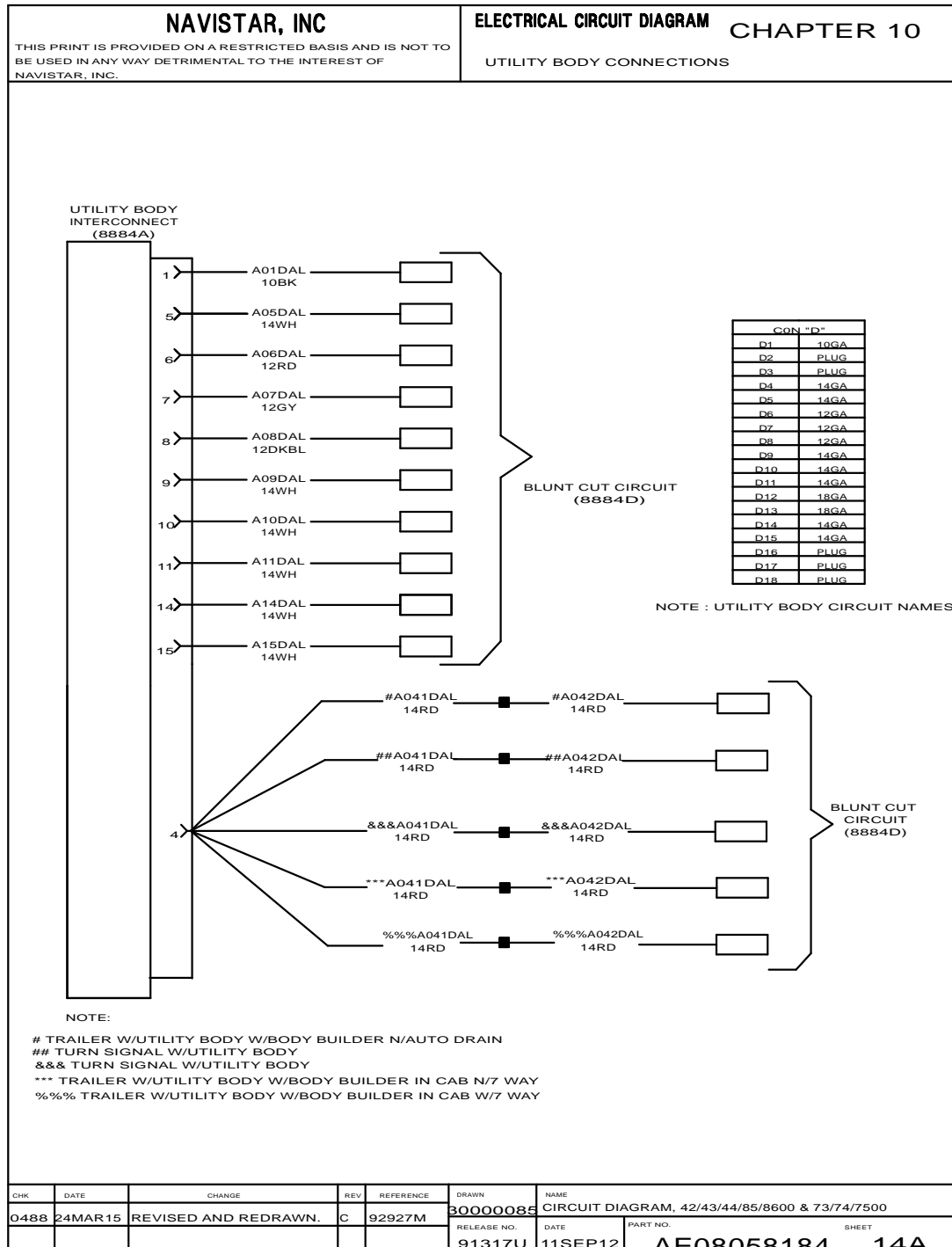
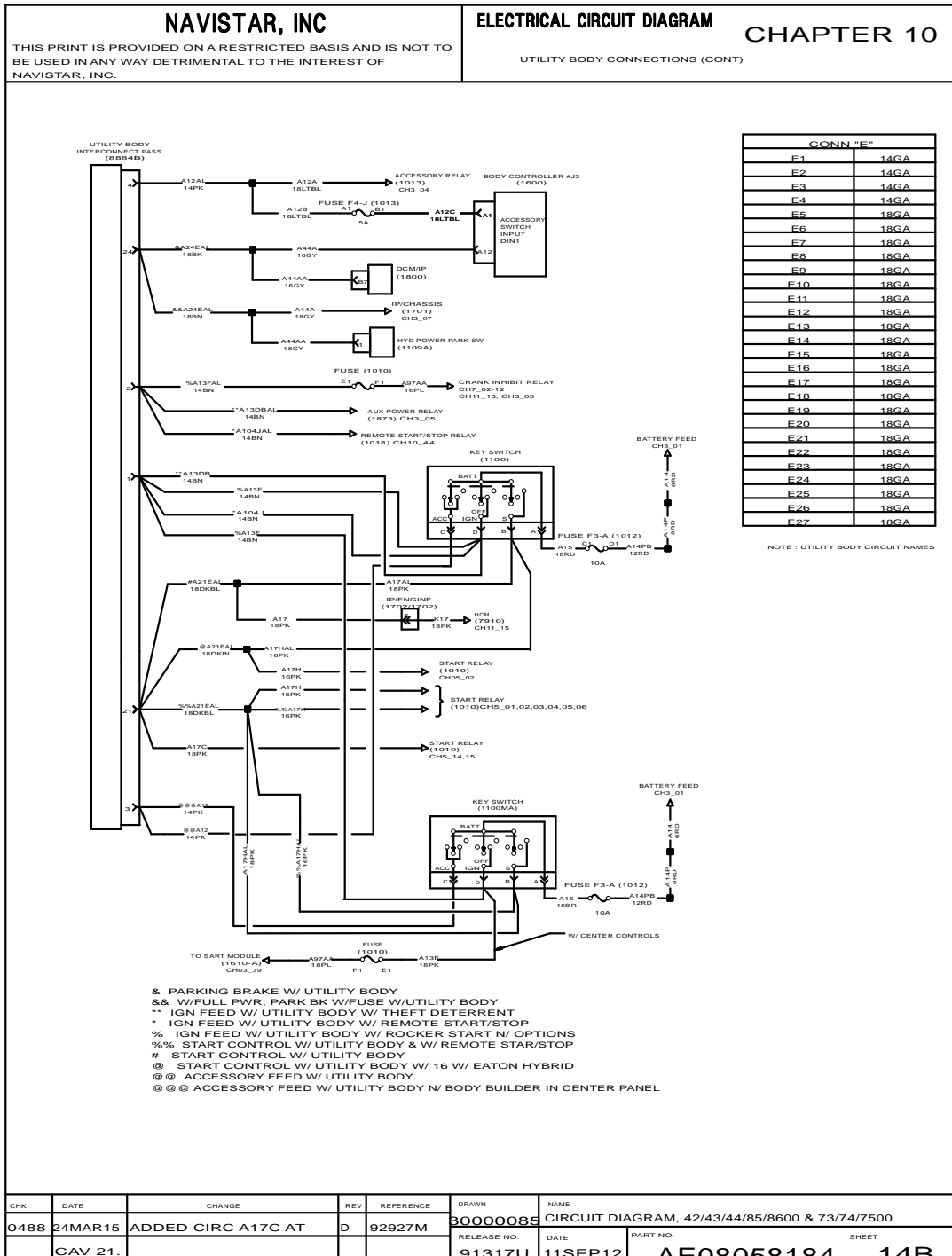


Figure 429 Utility Body Connections

10.22. UTILITY BODY CONNECTIONS (CONT.), P. 14B



10.23. UTILITY BODY CONNECTIONS (CONT.), P. 14C

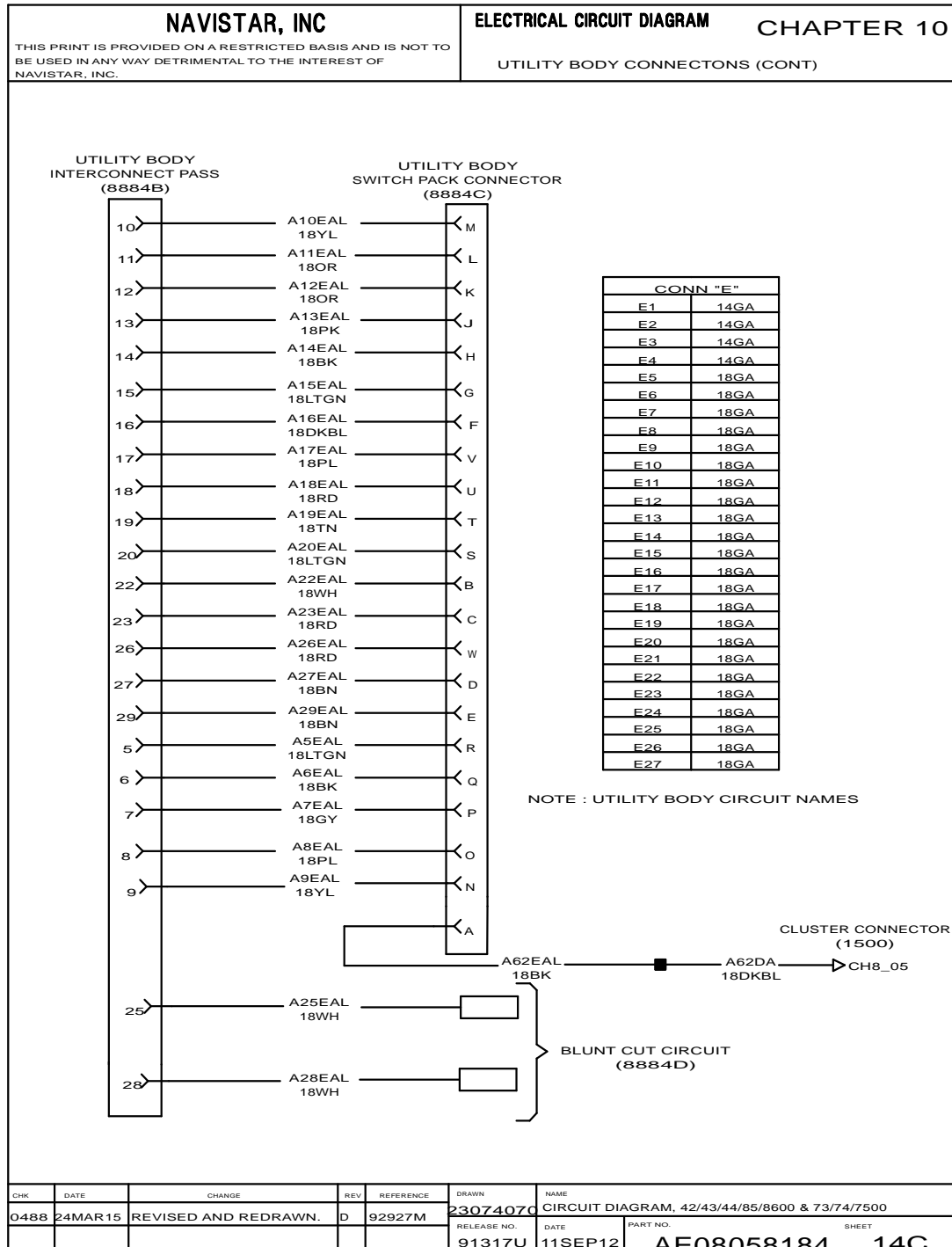


Figure 431 Utility Body Connections (Cont.)

10.24. UTILITY BODY CONNECTIONS (CONT.), P. 14D

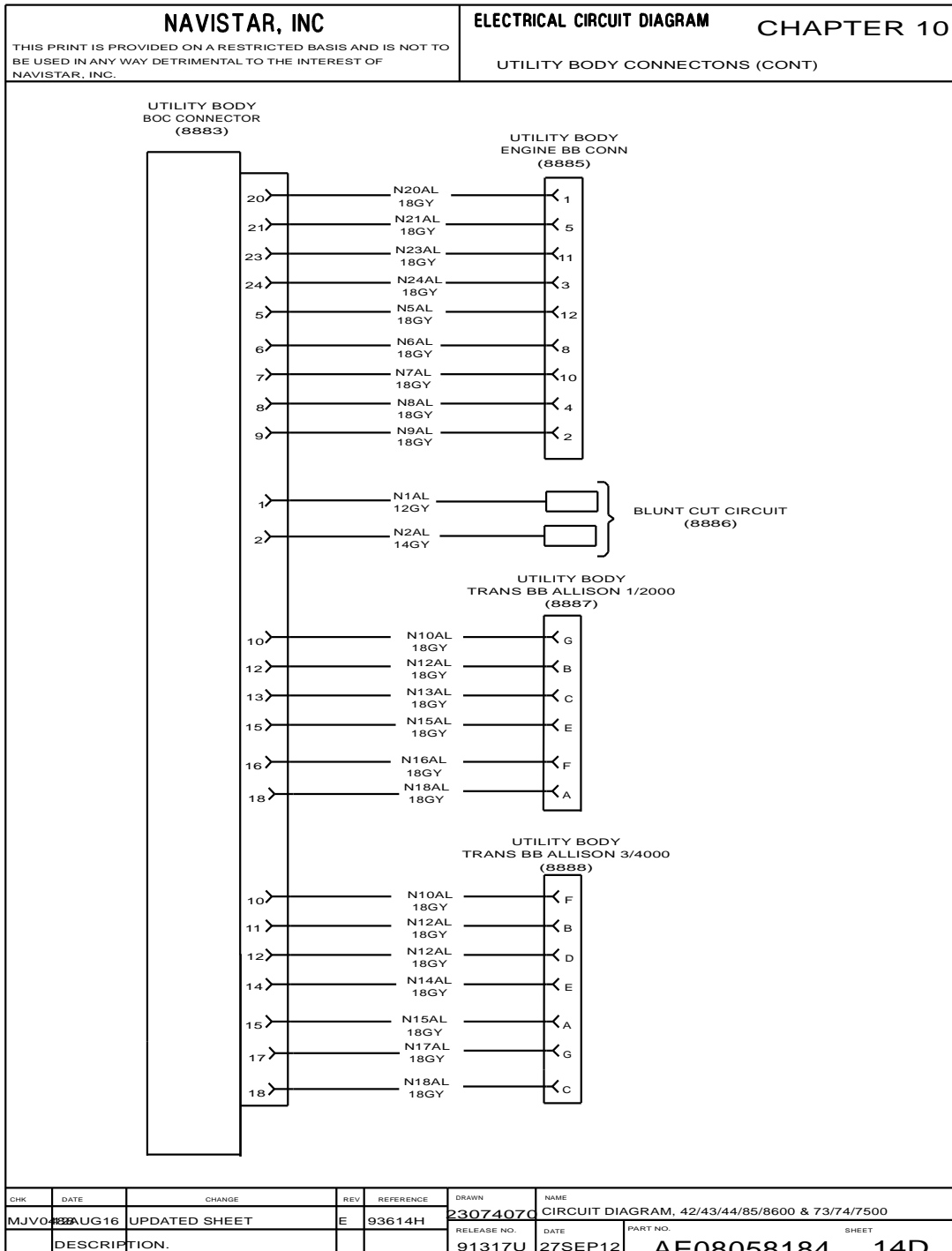


Figure 432 Utility Body Connections (Cont.)

10.25. UTILITY BODY CONNECTIONS (CONT.), P. 14E

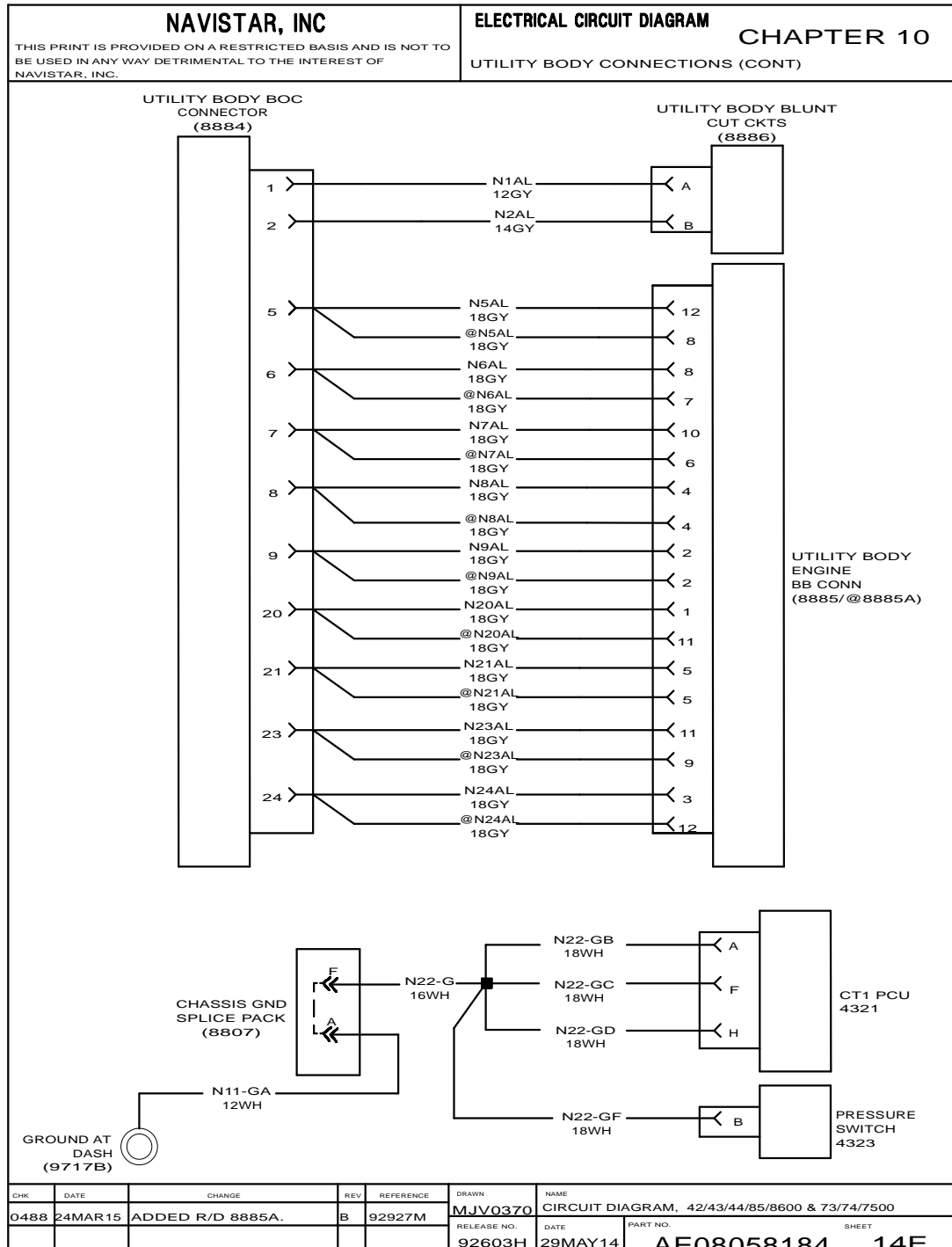


Figure 433 Utility Body Connections (Cont.)

10.26. UTILITY BODY CONNECTIONS (CONT.), P. 14F

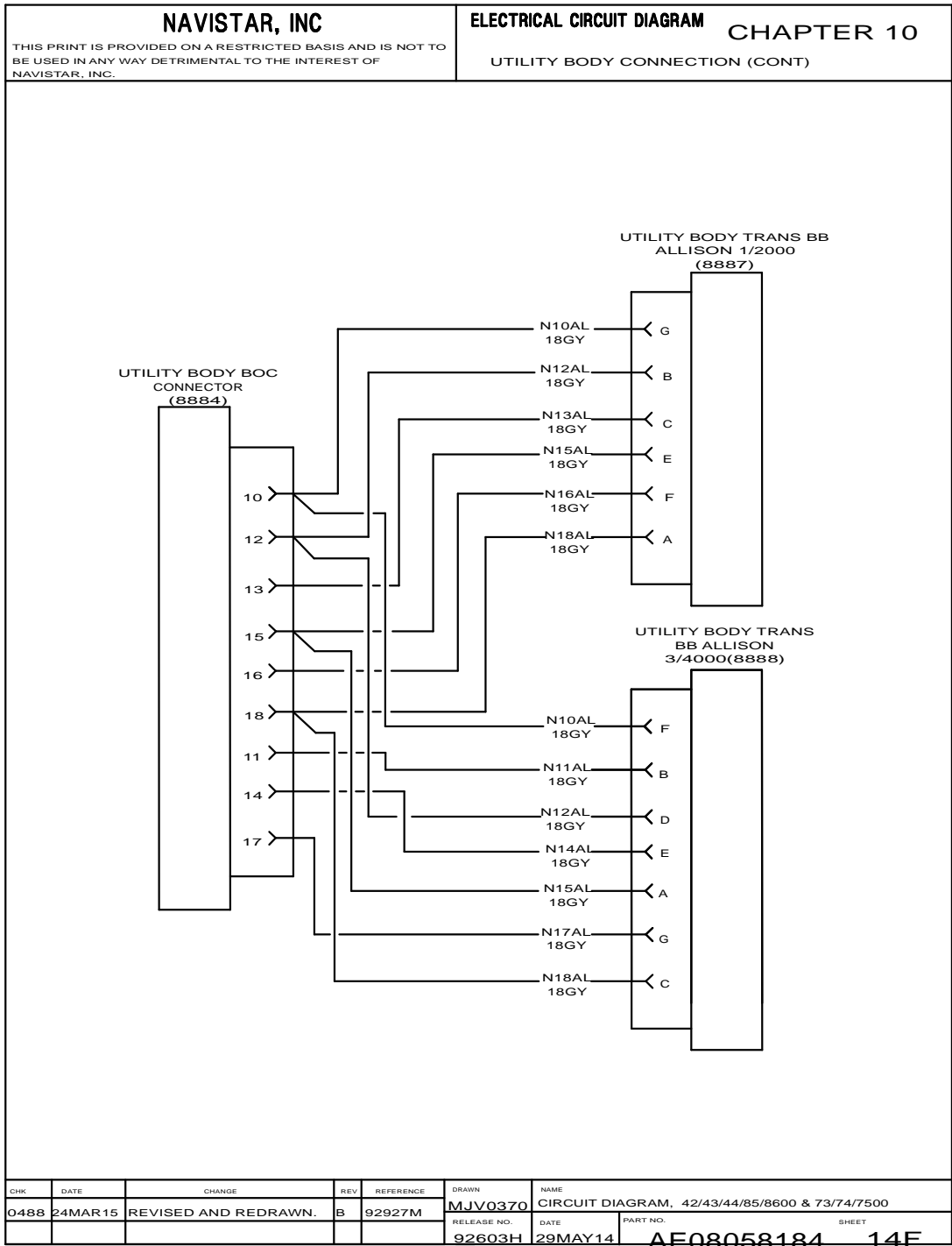


Figure 434 Utility Body Connections (Cont.)

10.27. UTILITY BODY CONNECTIONS WITH 500K BAUD RATE, P. 14G

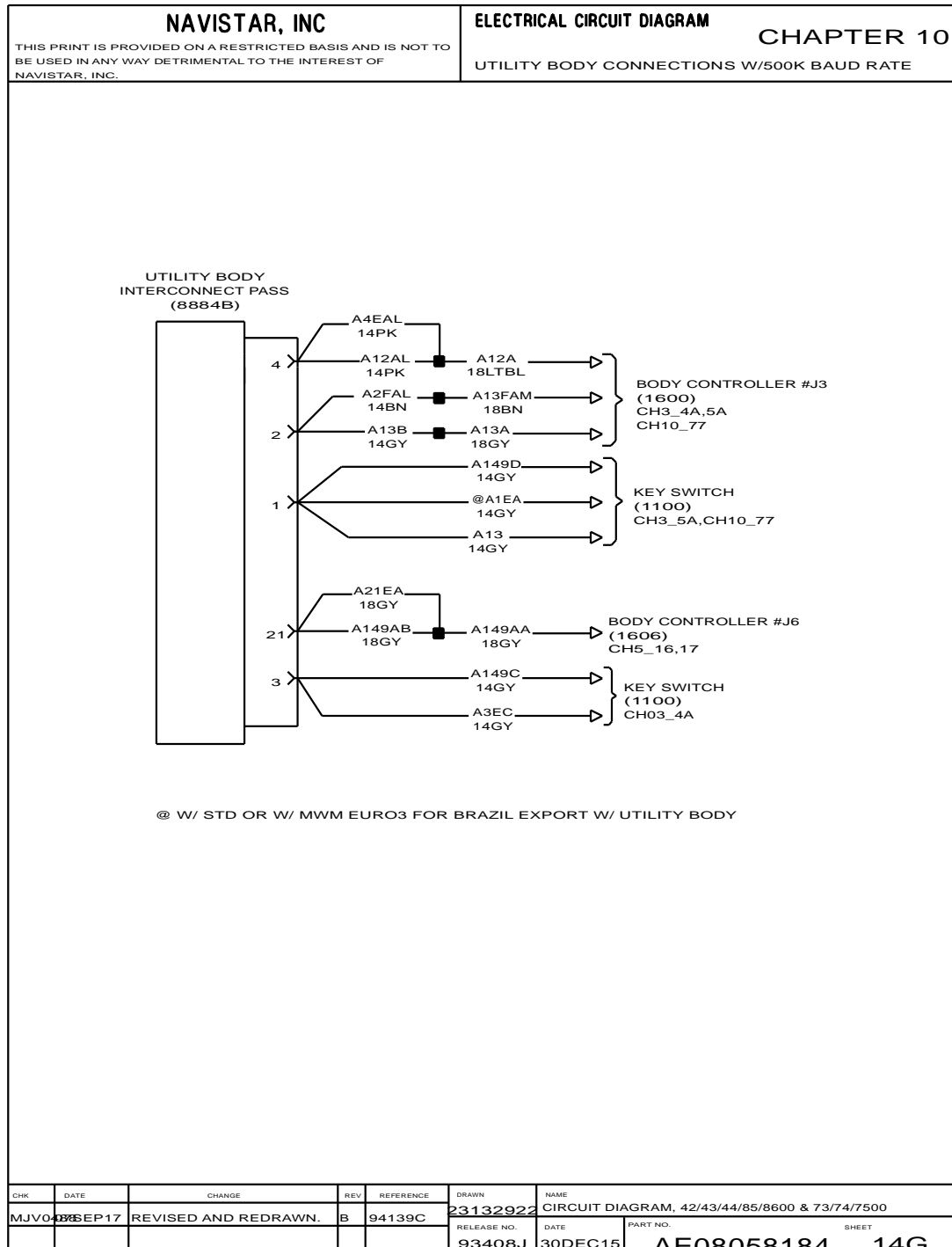


Figure 435 Utility Body Connections with 500K Baud Rate

10.28. UTILITY BODY CONNECTIONS WITH 500K BAUD RATE (CONT.), P. 14H

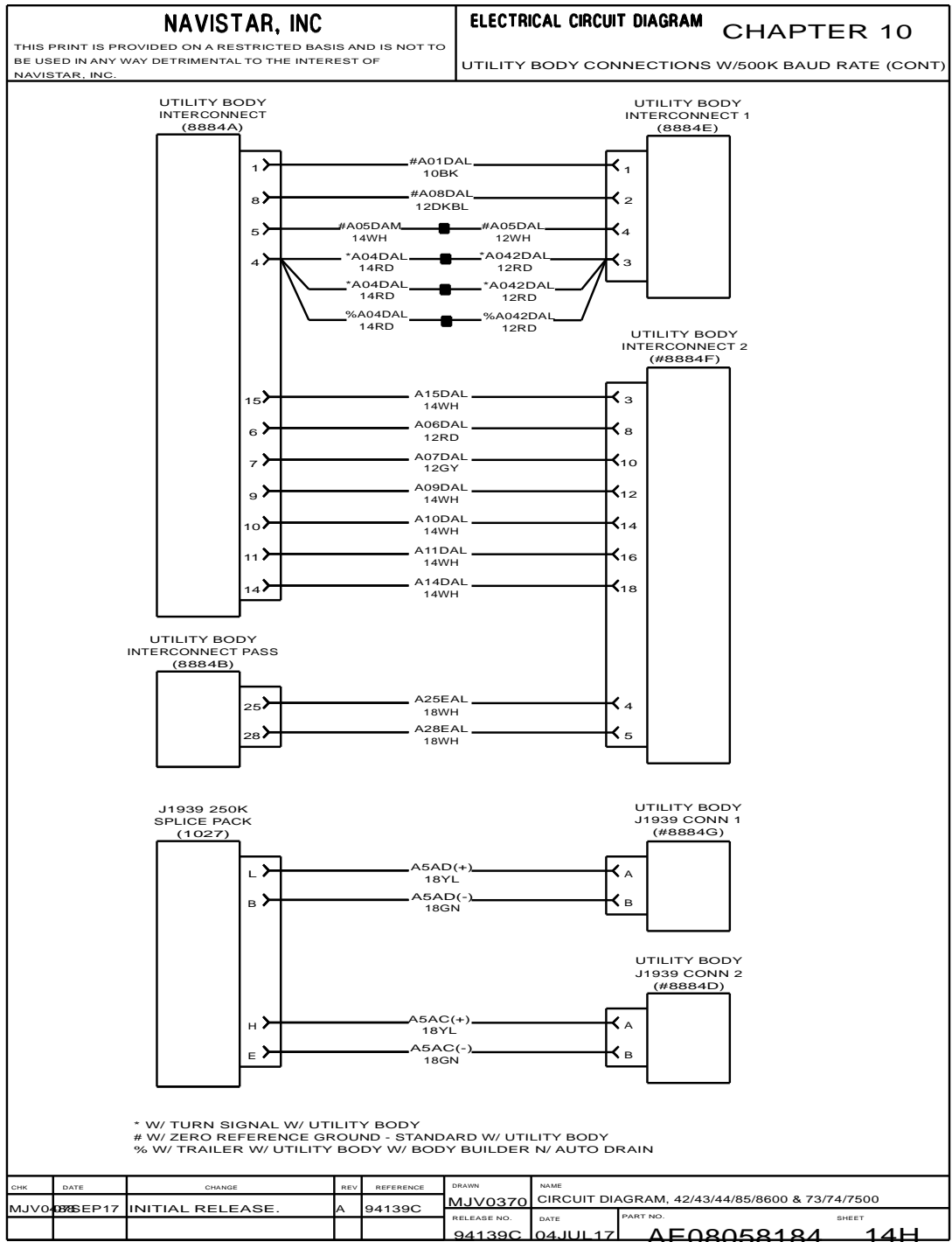


Figure 436 Utility Body Connections with 500K Baud Rate (Cont.)

10.29. AUXILIARY TRAILER CIRCUIT, P. 15

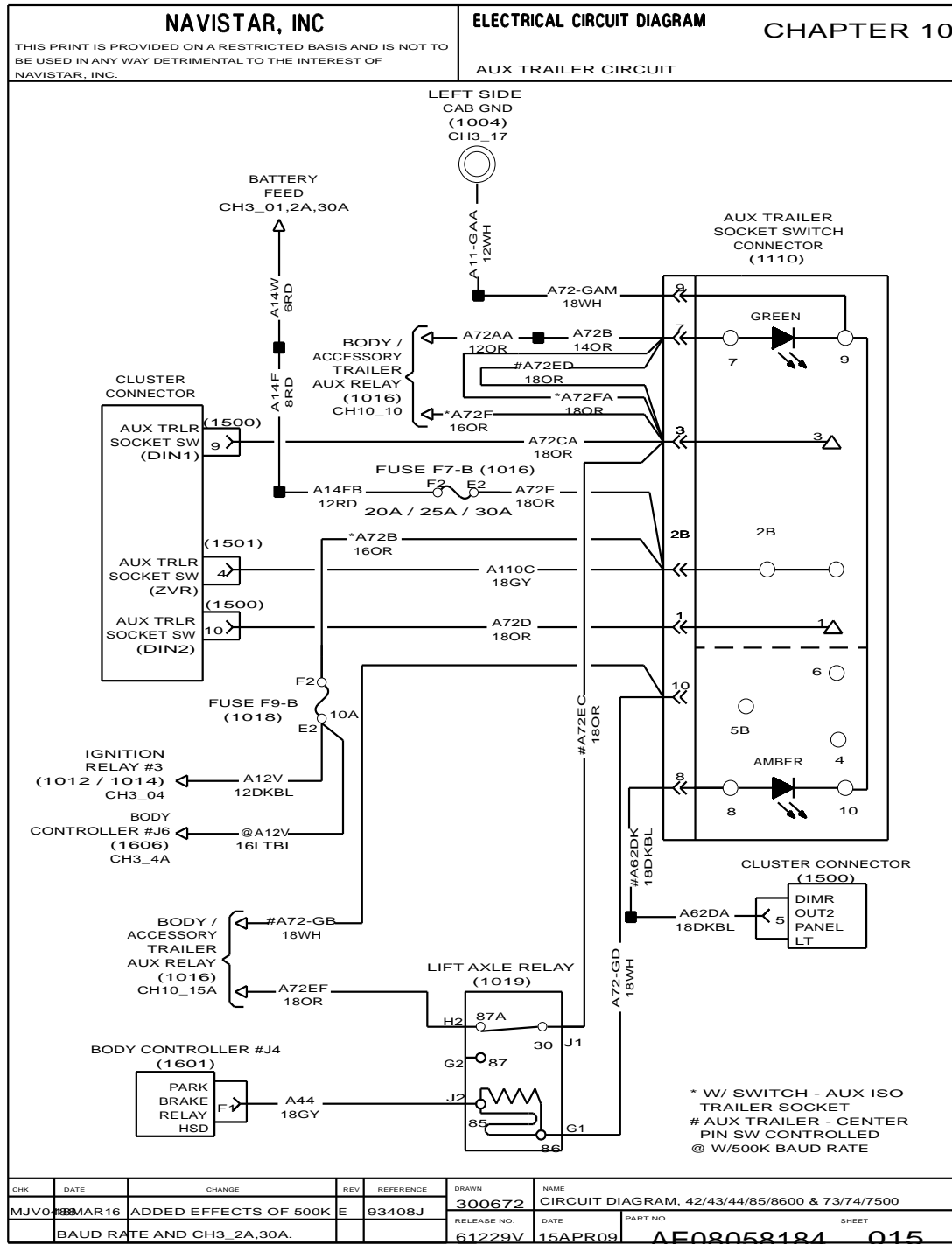


Figure 437 Auxiliary Trailer Circuit

10.30. SWITCH – AUX TRAILER SEPARATE, P. 15A

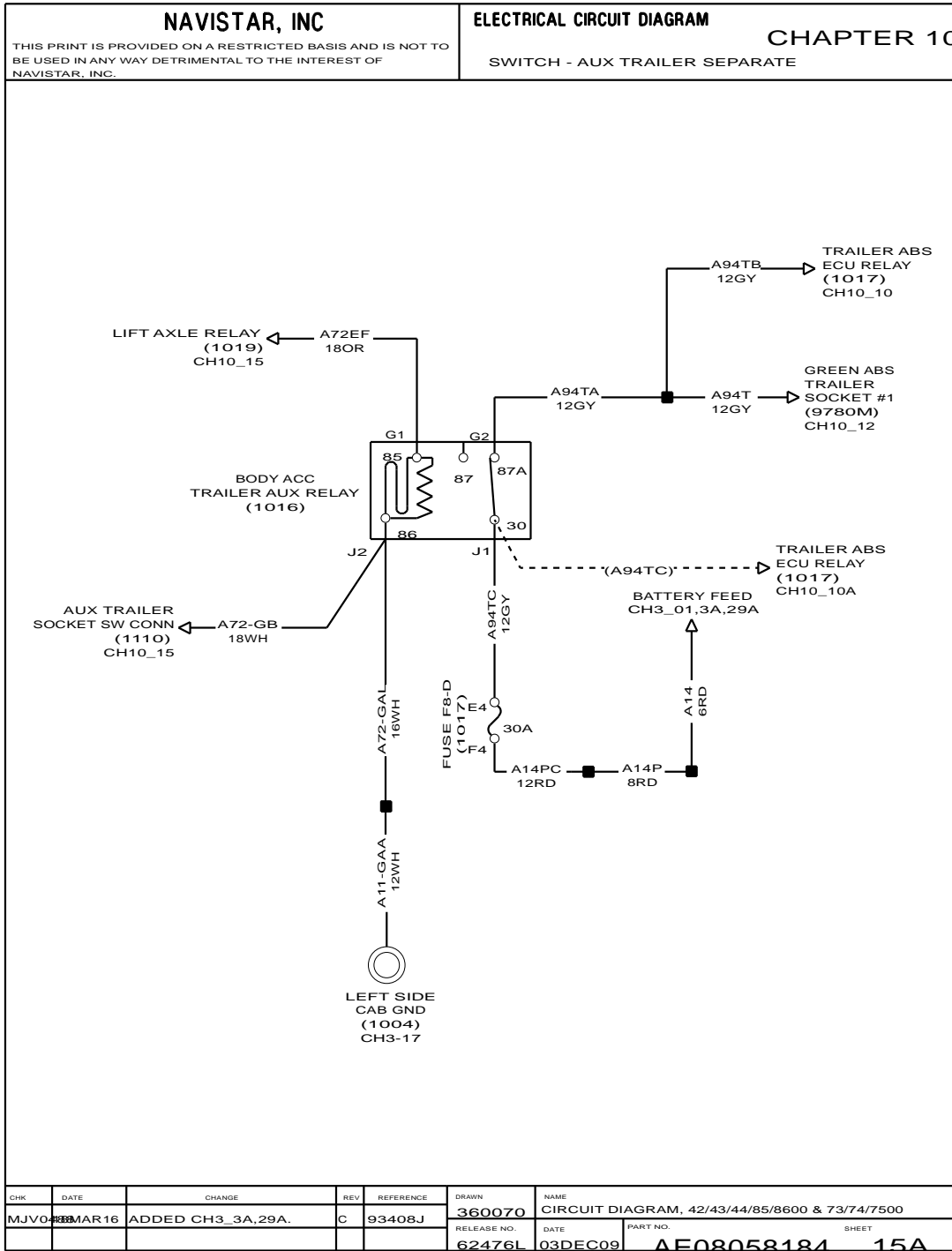


Figure 438 Switch – Aux Trailer Separate

10.31. TWO SPEED AXLE SWITCH, P. 16

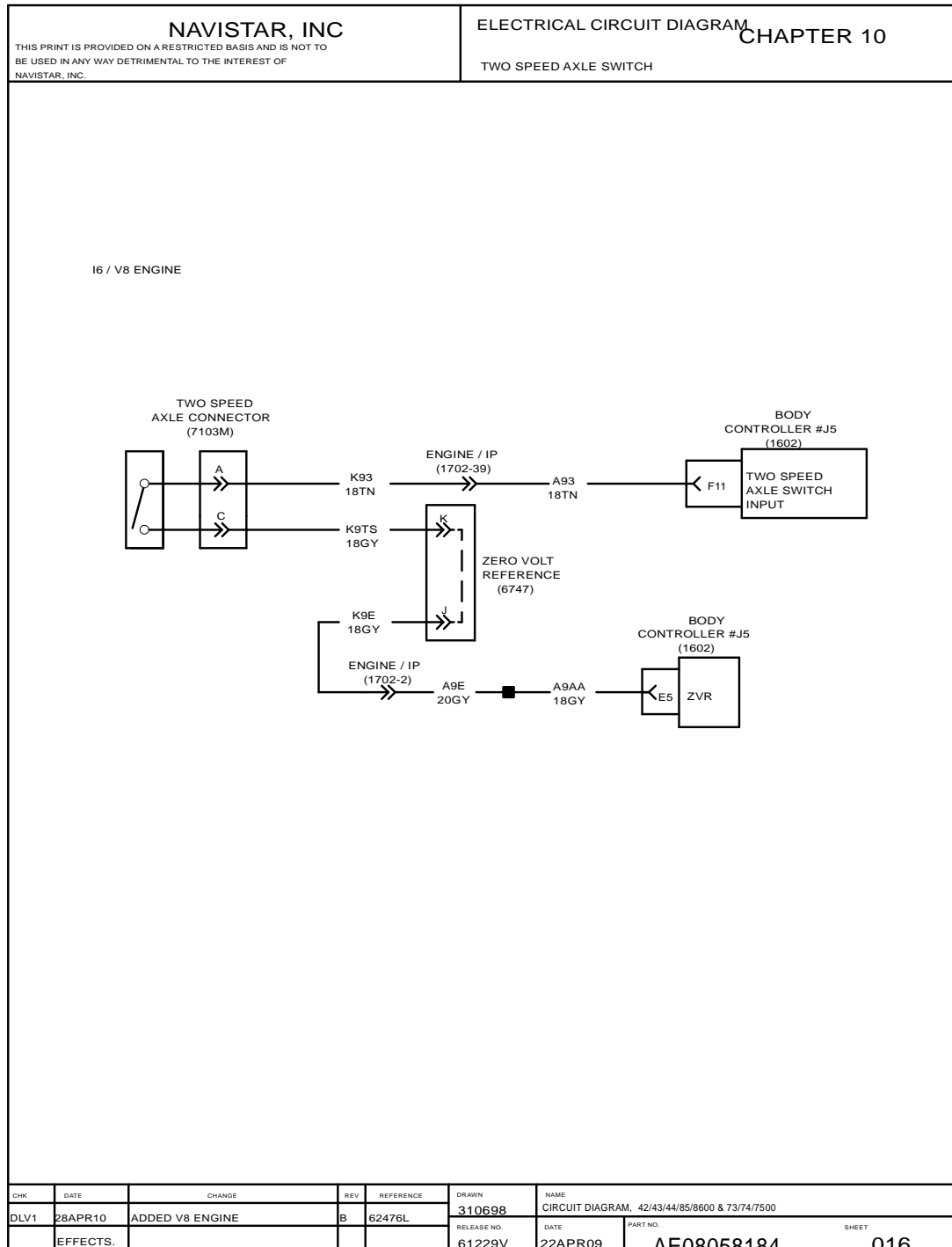


Figure 439 Two Speed Axle Switch

10.32. TWO SPEED AXLE SWITCH WITH F-2013 ISL ENGINE, P. 16A

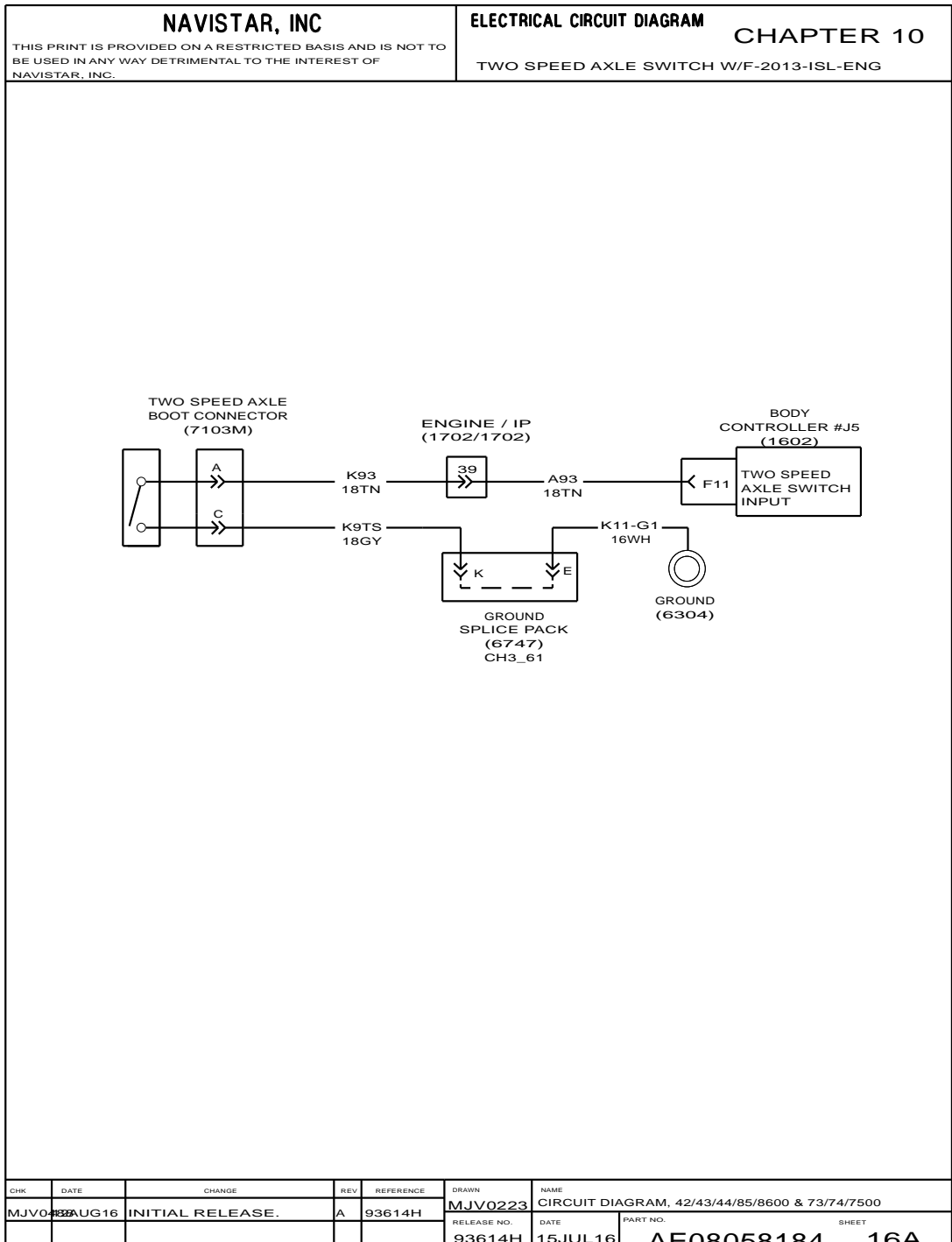


Figure 440 Two Speed Axle Switch with F-2013 ISL Engine

10.33. TWO SPEED AXLE SWITCH WITH F-2017 ISB ENGINE, P. 16B

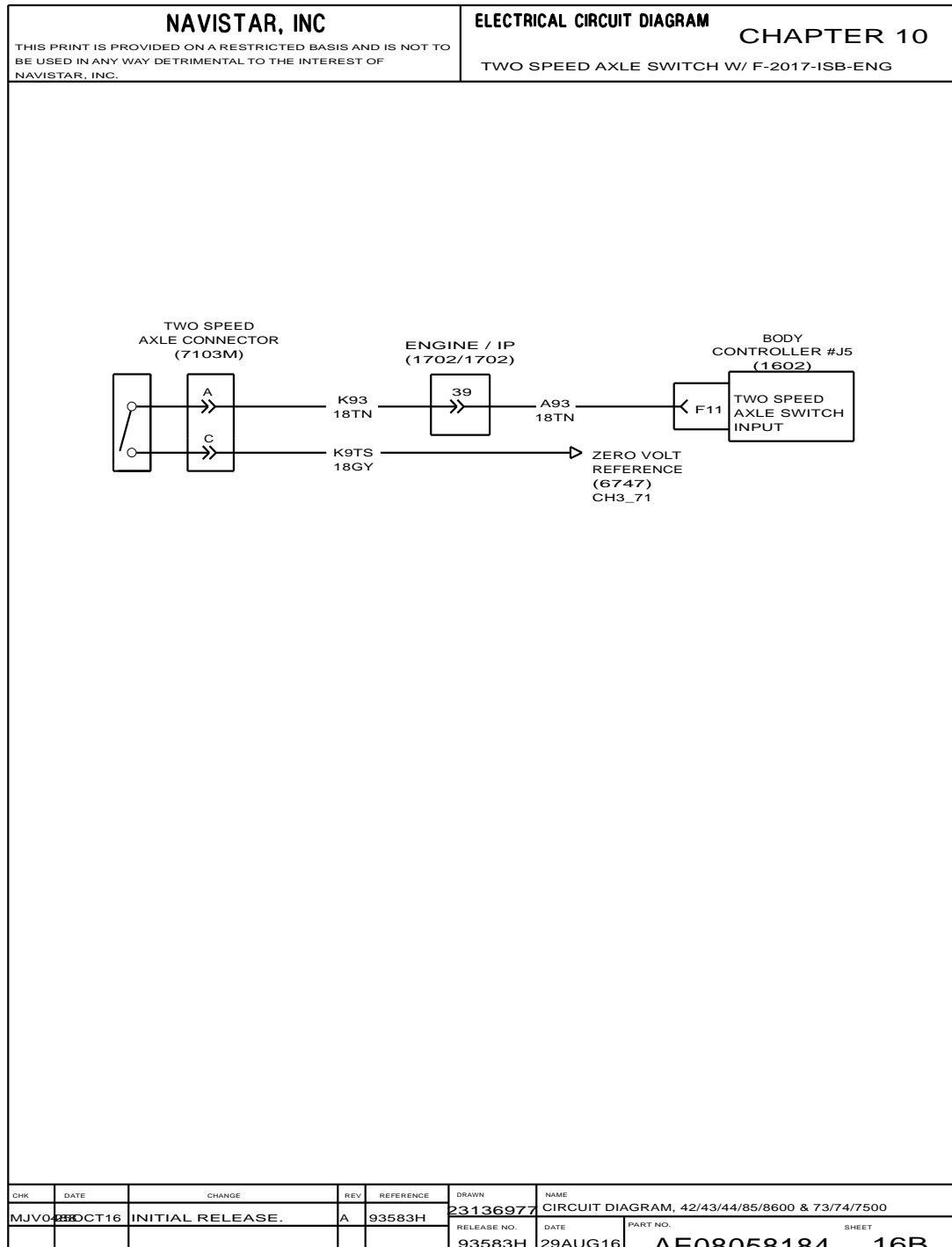


Figure 441 Two Speed Axle Switch with F-2017 ISB Engine

10.34. TWO SPEED AXLE SWITCH WITH F-2017 ISL ENGINE, P. 16C

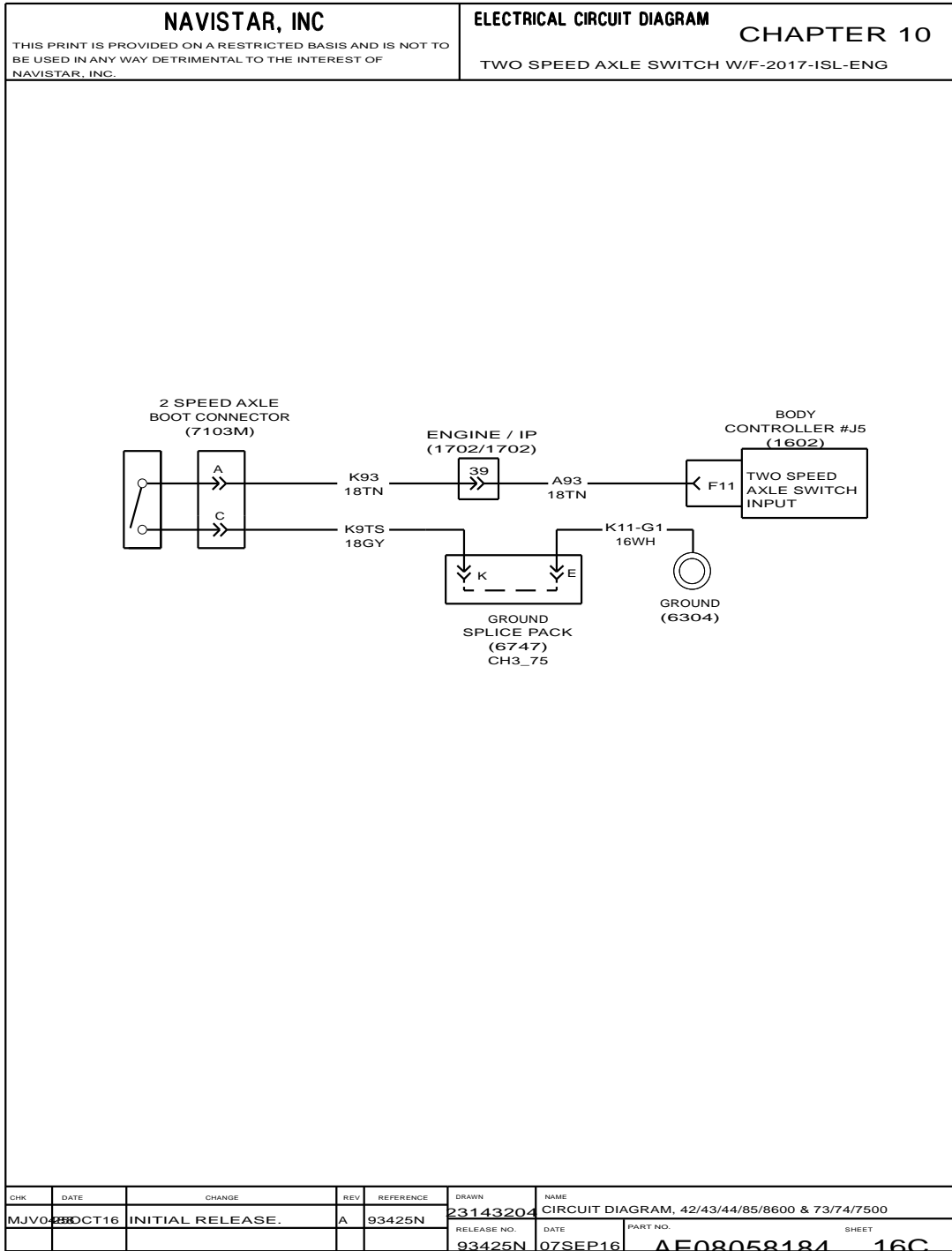


Figure 442 Two Speed Axle Switch with F-2017 ISL Engine

10.35. AIR SOLENOID, P. 17

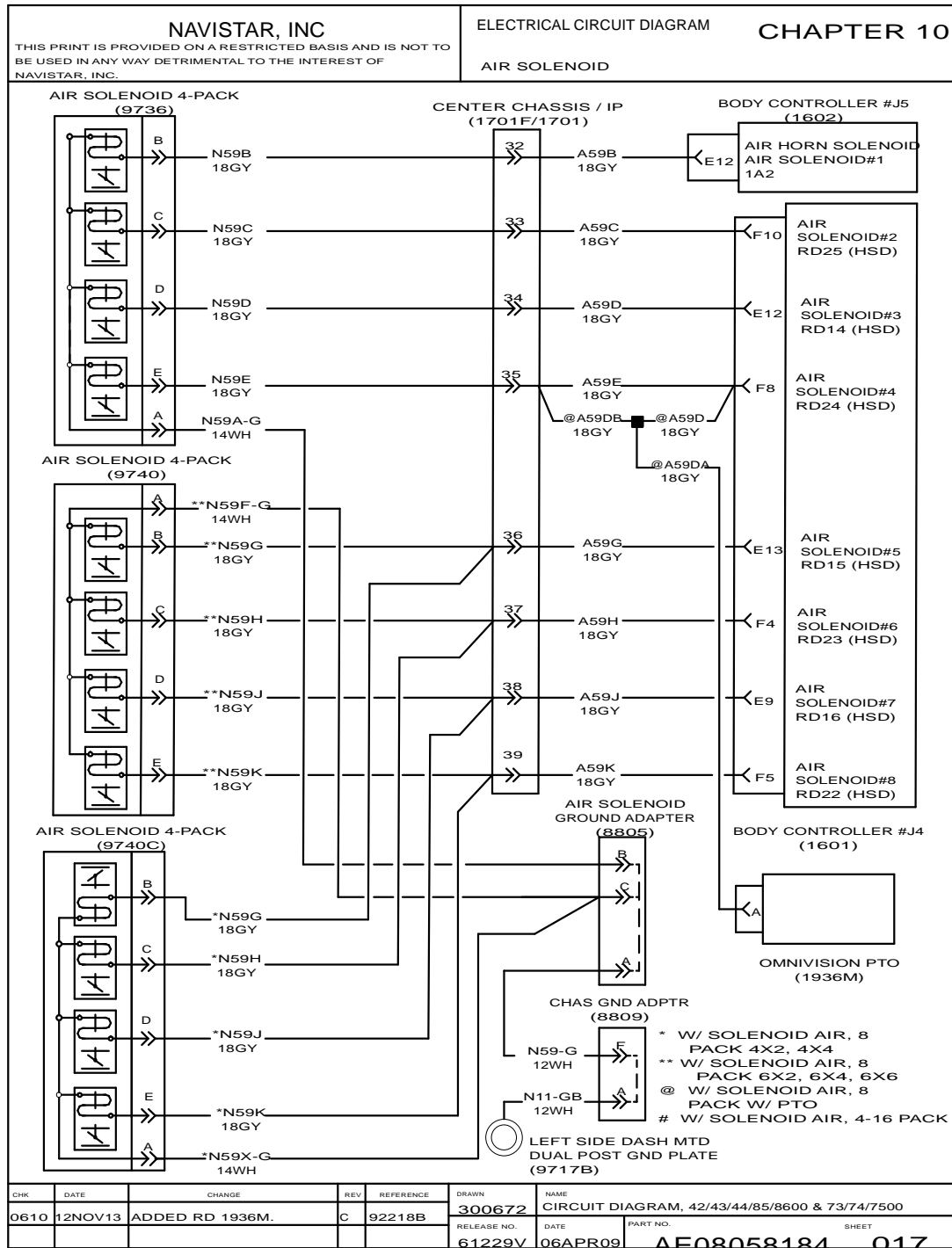


Figure 443 Air Solenoid

10.36. AIR SOLENOID (CONT.), P. 17A

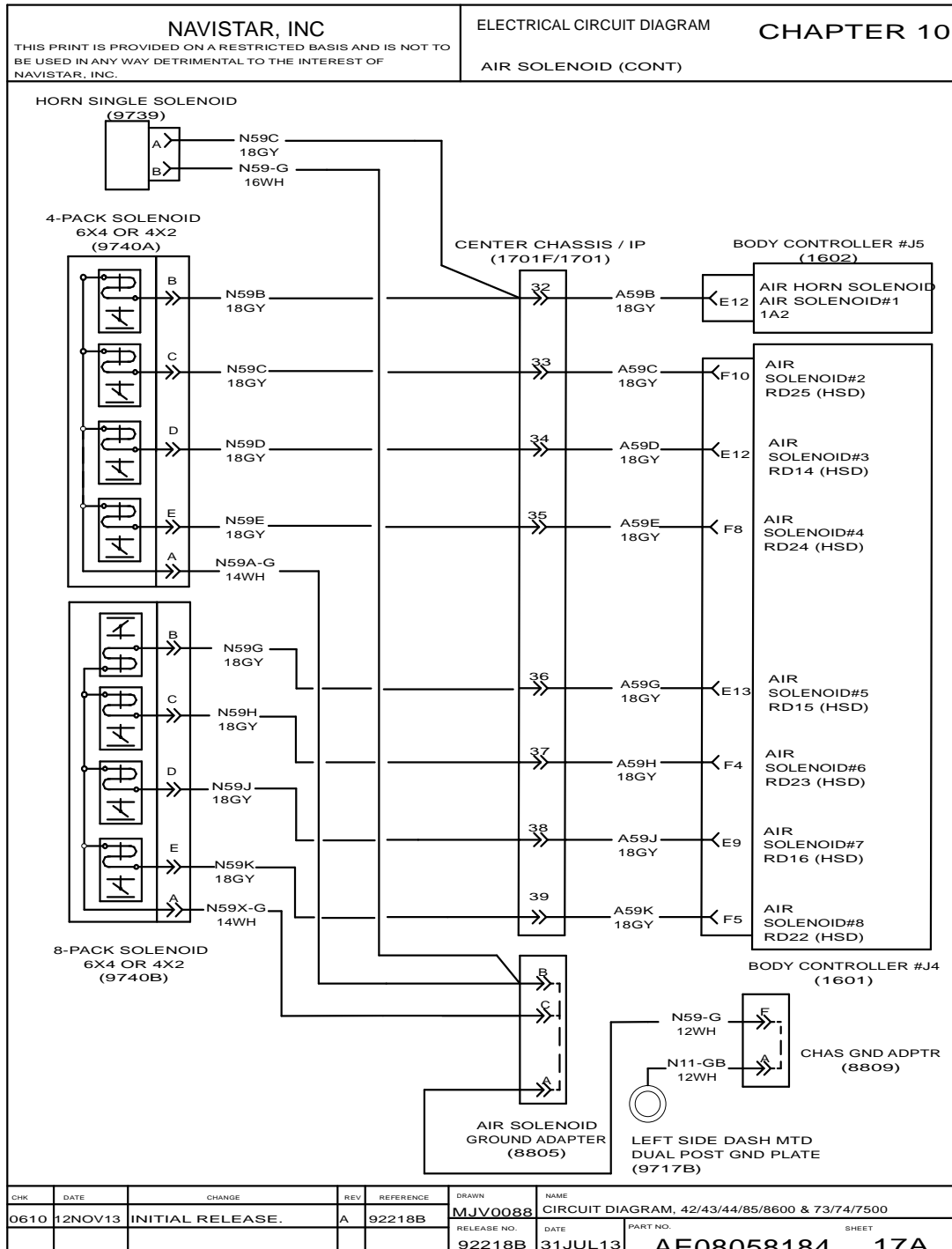


Figure 444 Air Solenoid (Cont.)

10.37. AIR SOLENOID (CONT.), P. 17B

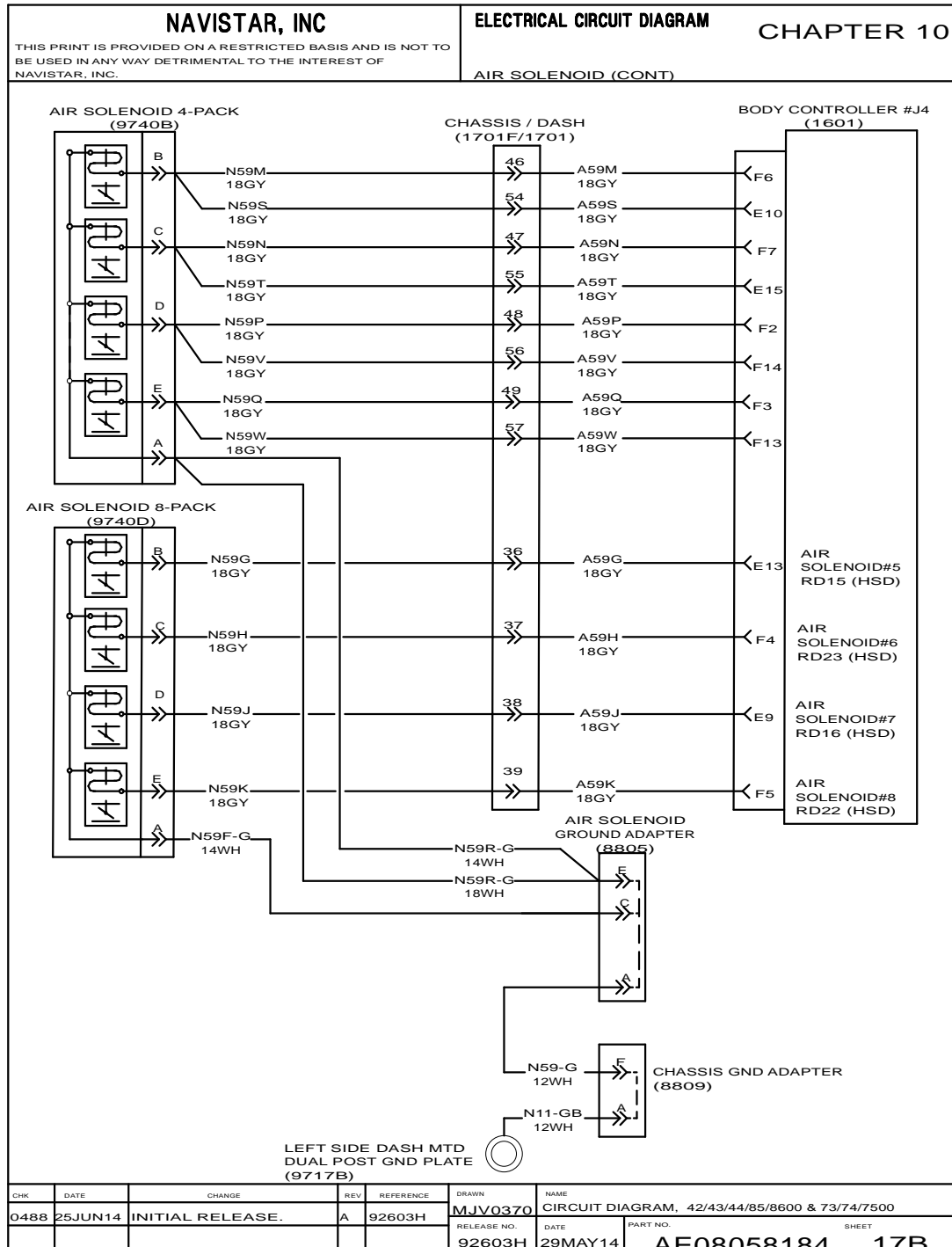


Figure 445 Air Solenoid (Cont.)

10.38. AIR SOLENOID (CONT.), P. 18

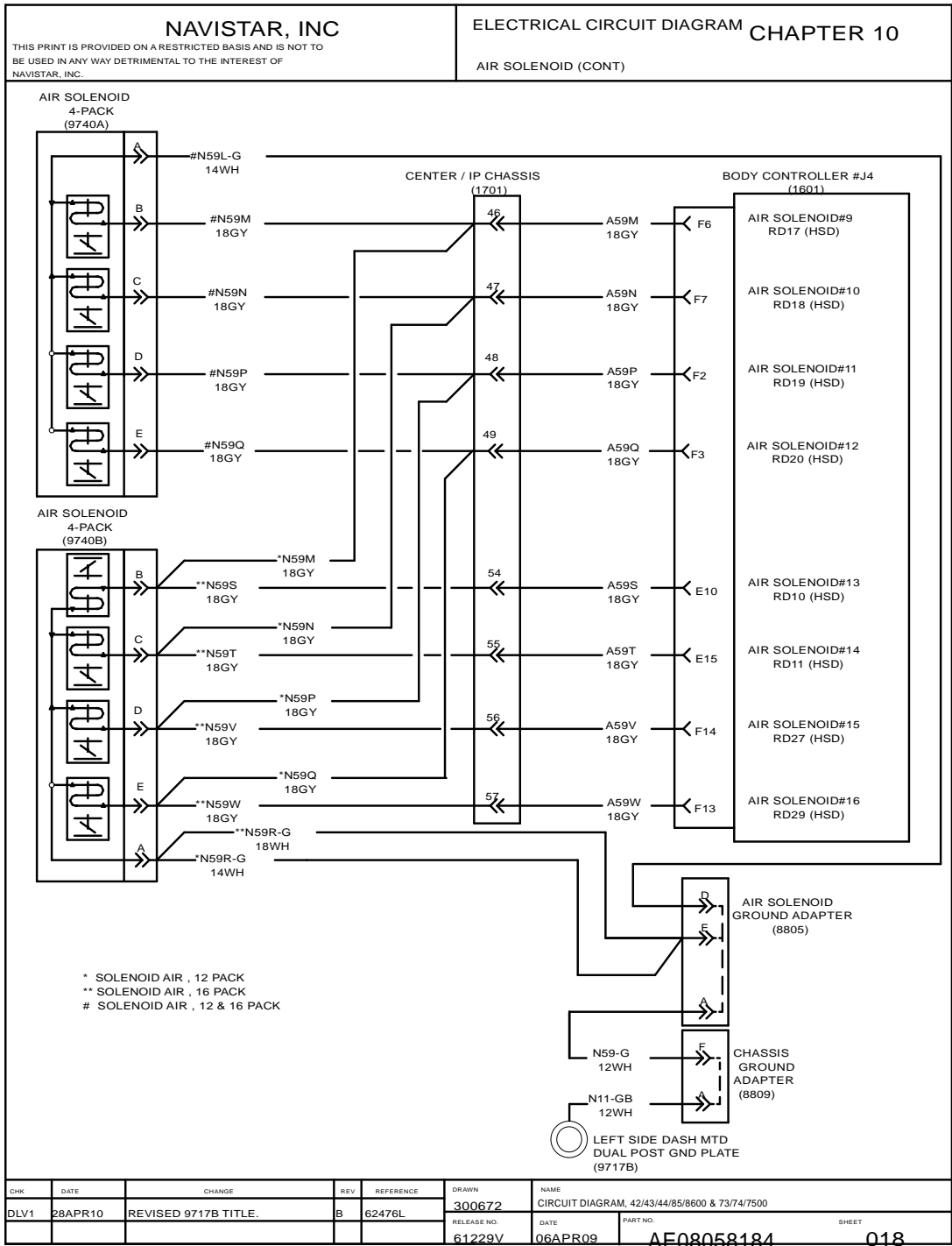


Figure 446 Air Solenoid (Cont.)

10.39. AIR SOLENOID (CONT.), P. 18A

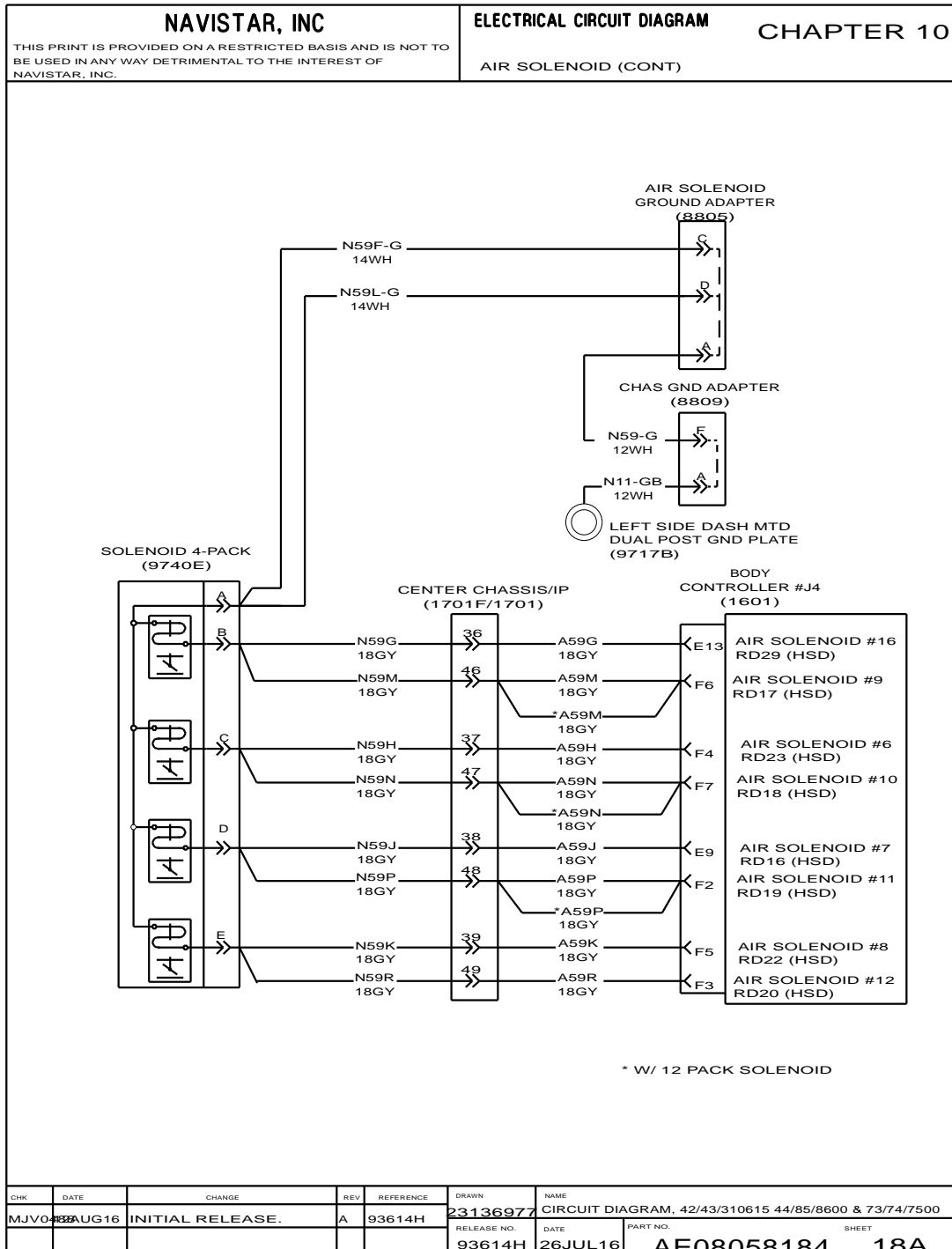


Figure 447 Air Solenoid (Cont.)

10.40. REMOTE POWER MODULE – BATTERY BOX MOUNTED, P. 19

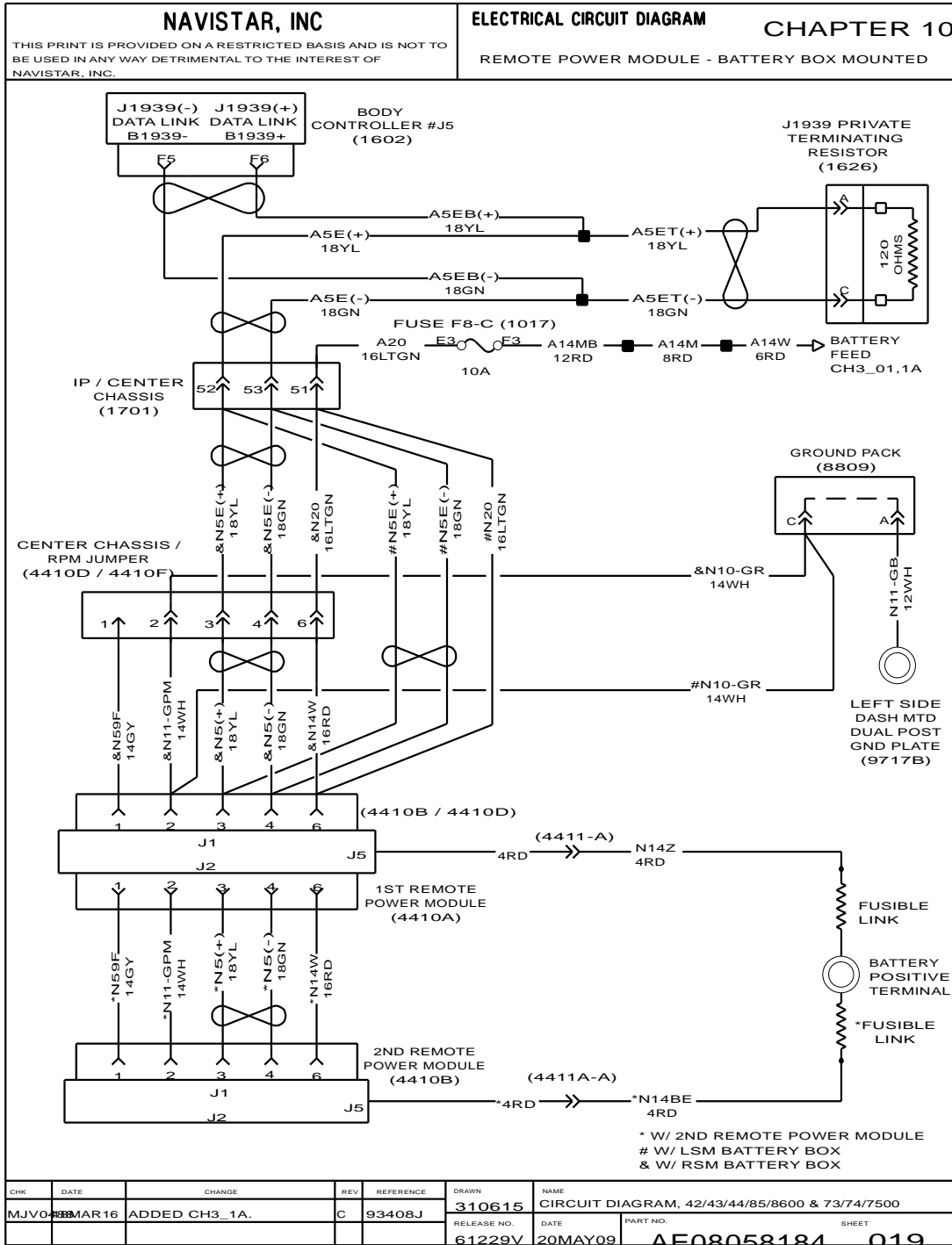


Figure 448 Remote Power Module – Battery Box Mounted

10.41. REMOTE POWER MODULE – CAB MOUNTED, P. 20

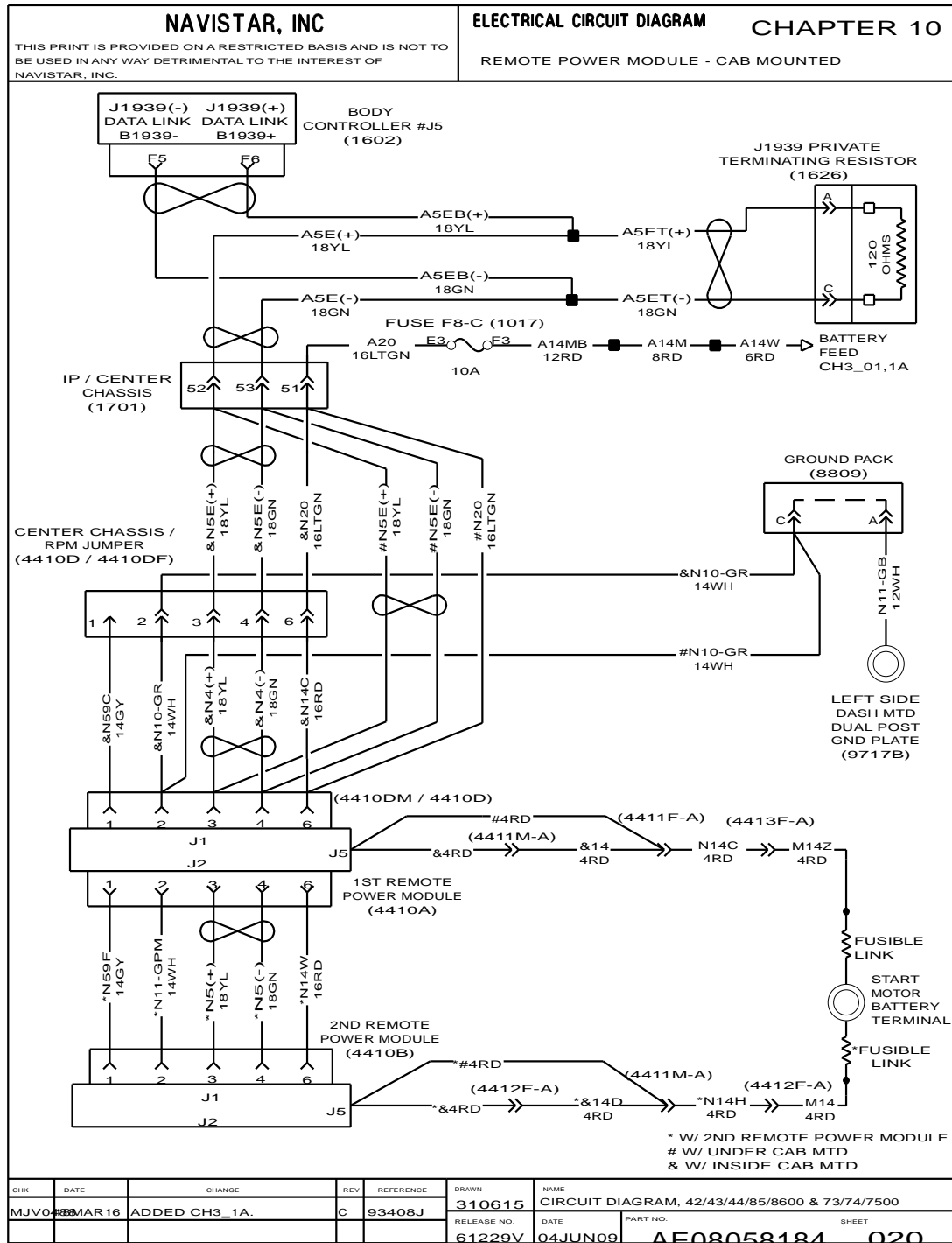


Figure 449 Remote Power Module – Cab Mounted

10.42. REMOTE POWER MODULE – CAB MOUNTED (CONT.), P. 20A

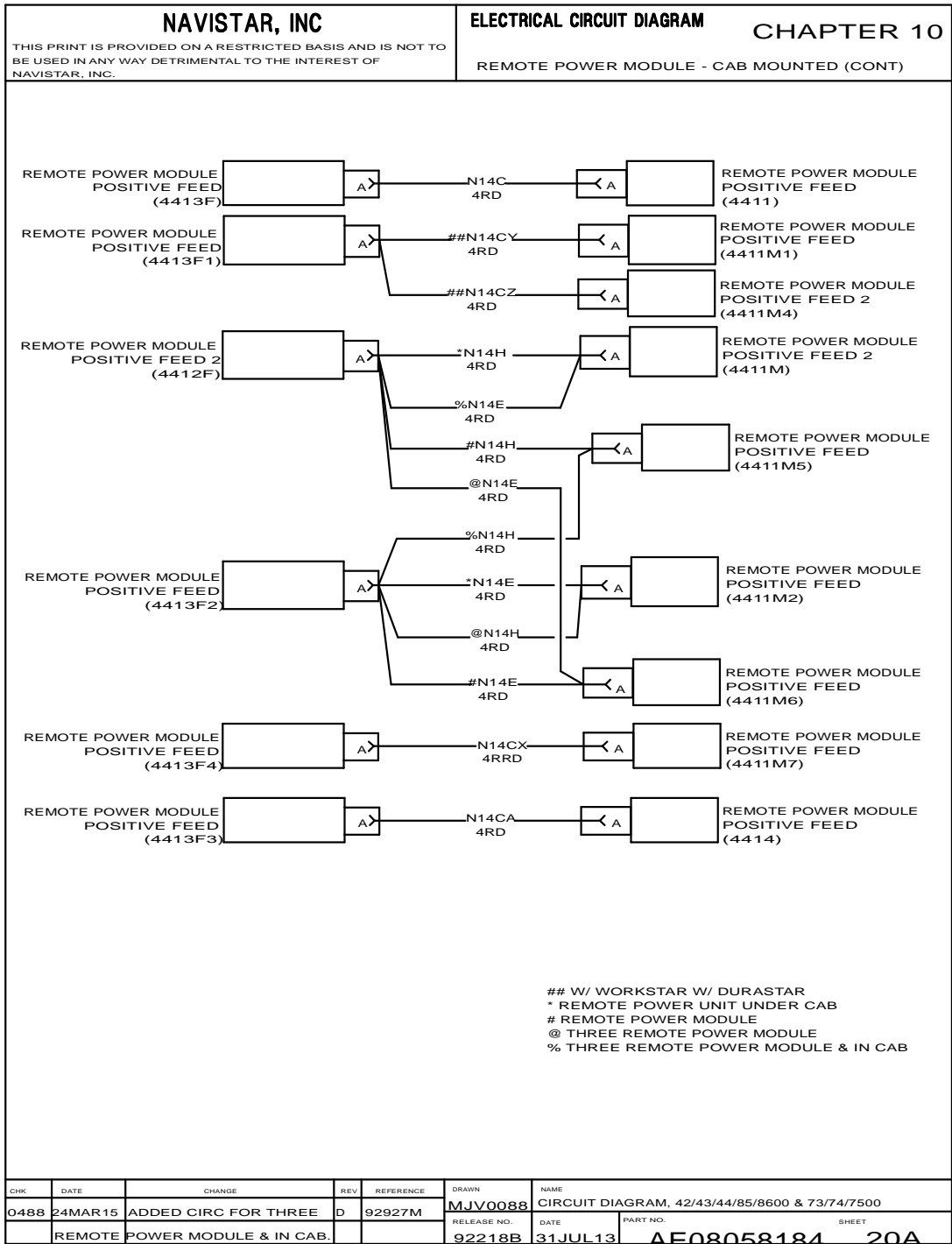


Figure 450 Remote Power Module – Cab Mounted (Cont.)

10.43. REMOTE POWER MODULE – CAB MOUNTED (CONT.), P. 20B

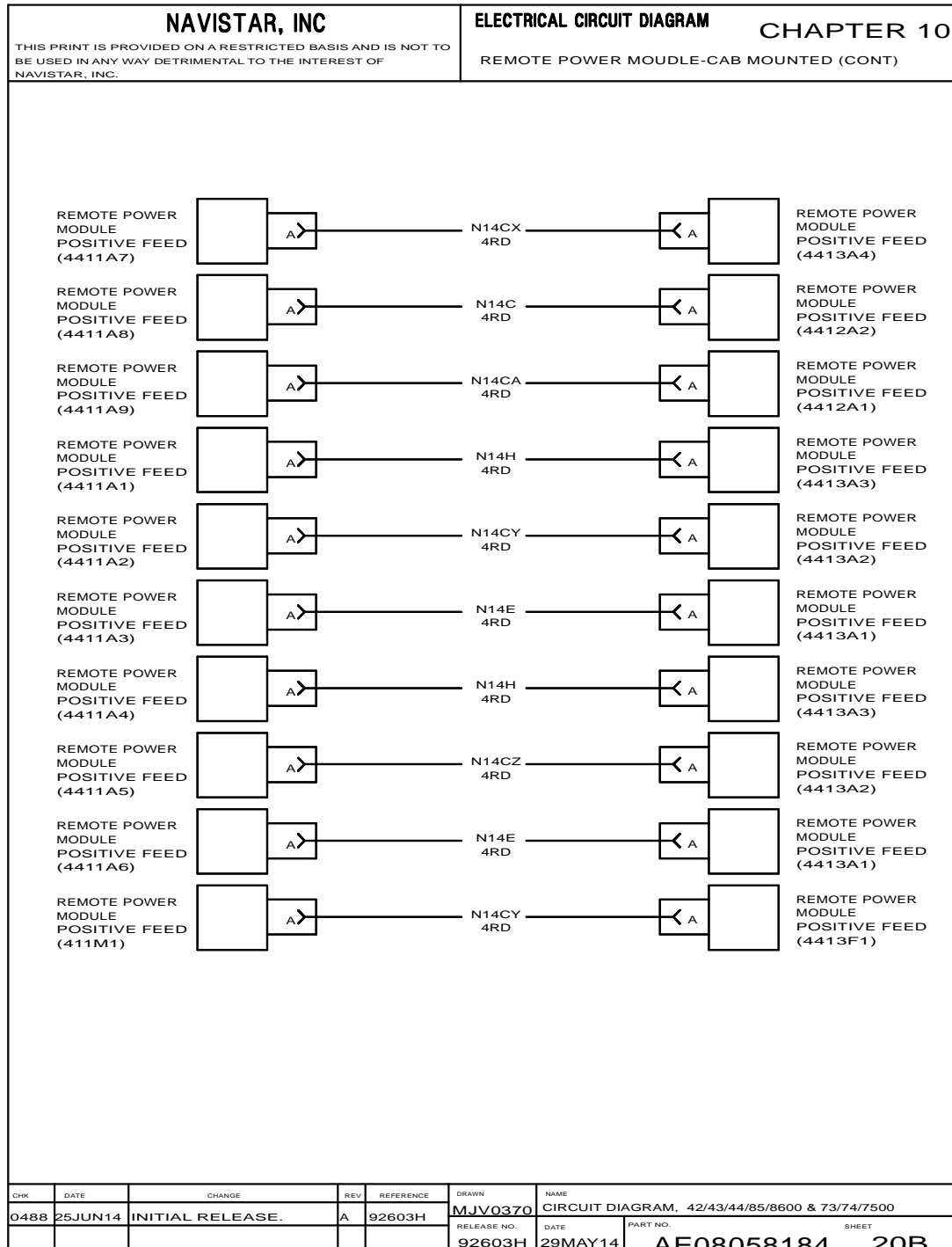


Figure 451 Remote Power Module – Cab Mounted (Cont.)

10.44. REMOTE POWER MODULE – END OF FRAME, P. 21

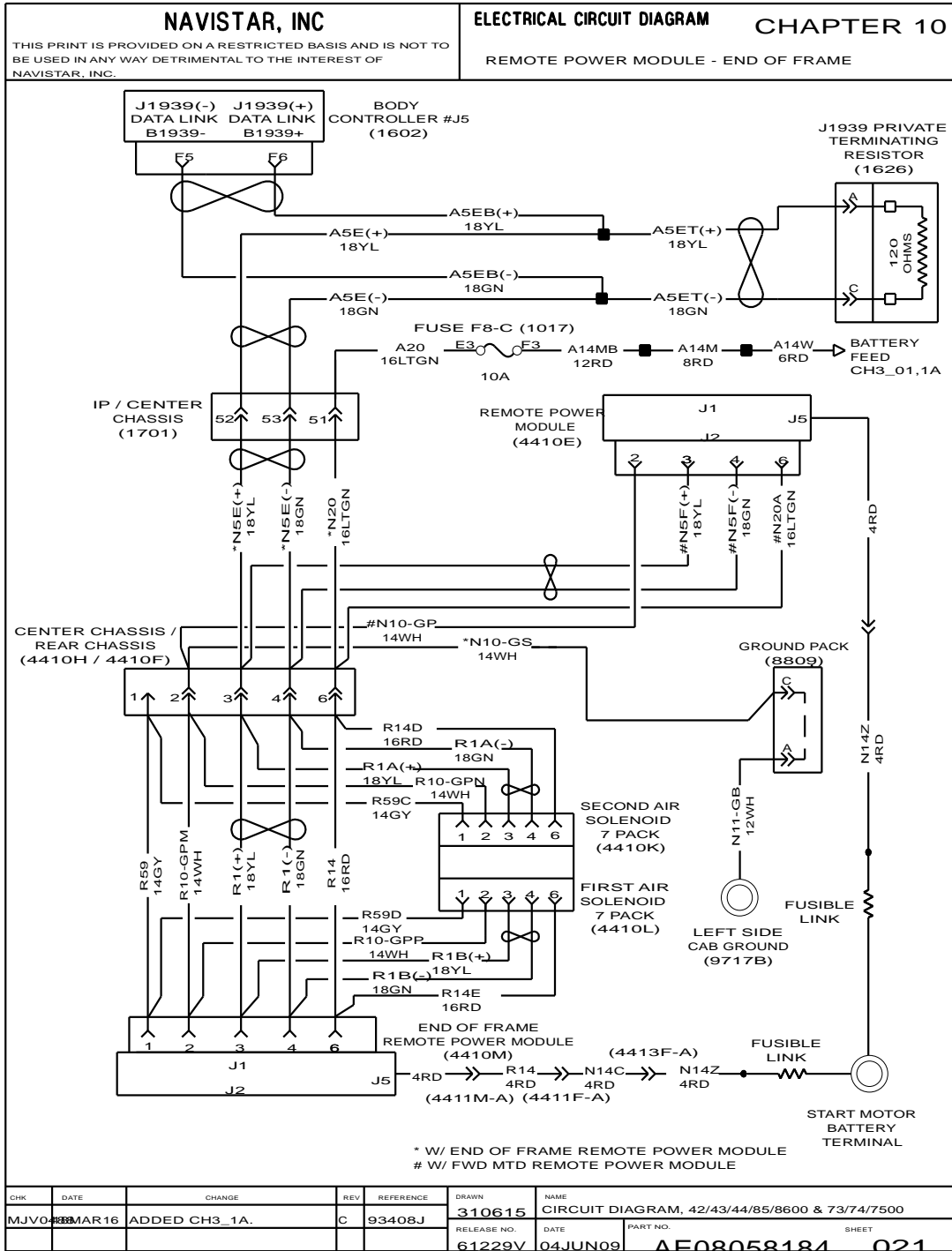


Figure 452 Remote Power Module – End of Frame

10.45. REMOTE POWER MODULE END OF FRAME (CONT.), P. 21A

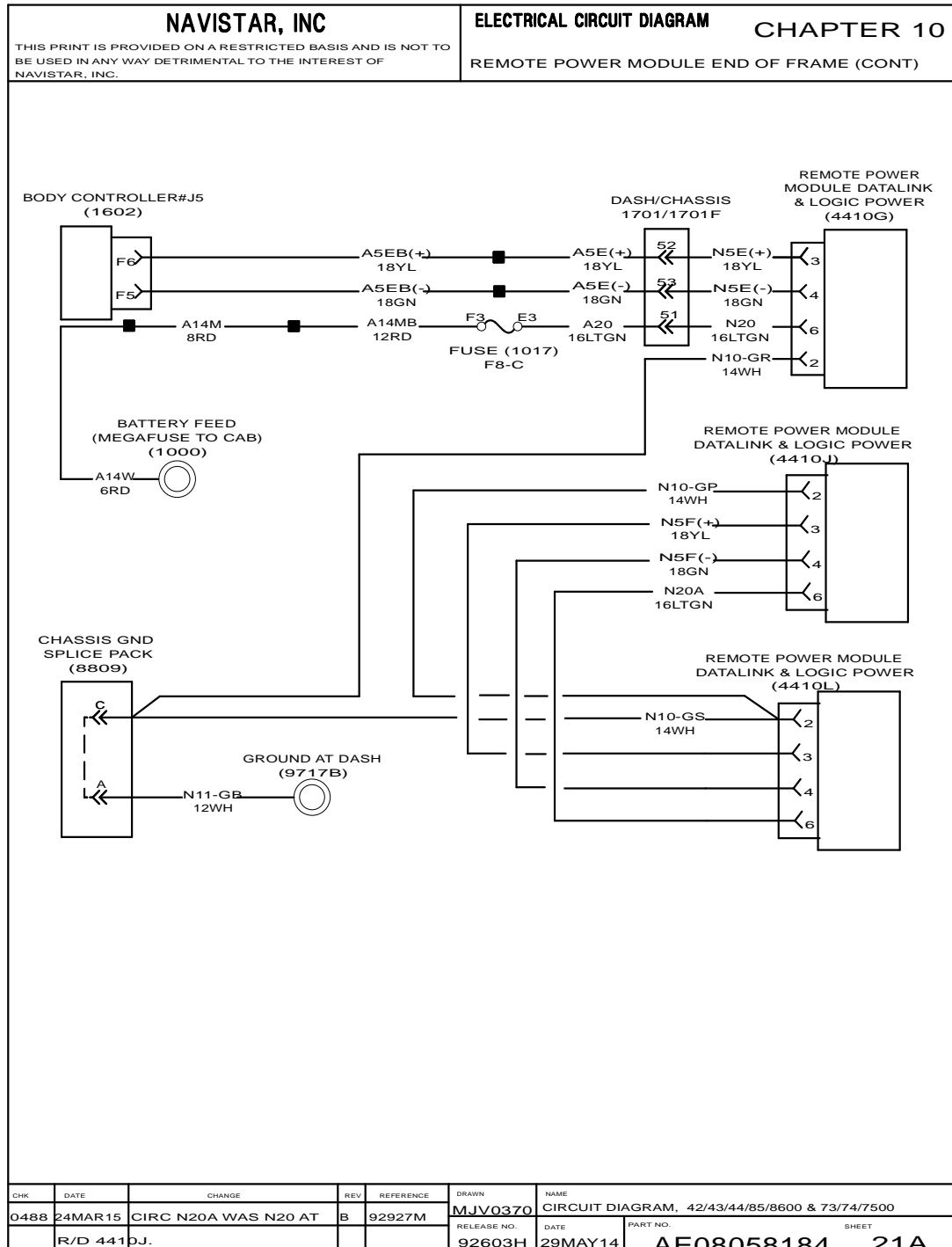


Figure 453 Remote Power Module End of Frame (Cont.)

10.46. FUEL / WATER SEPARATOR, P. 22

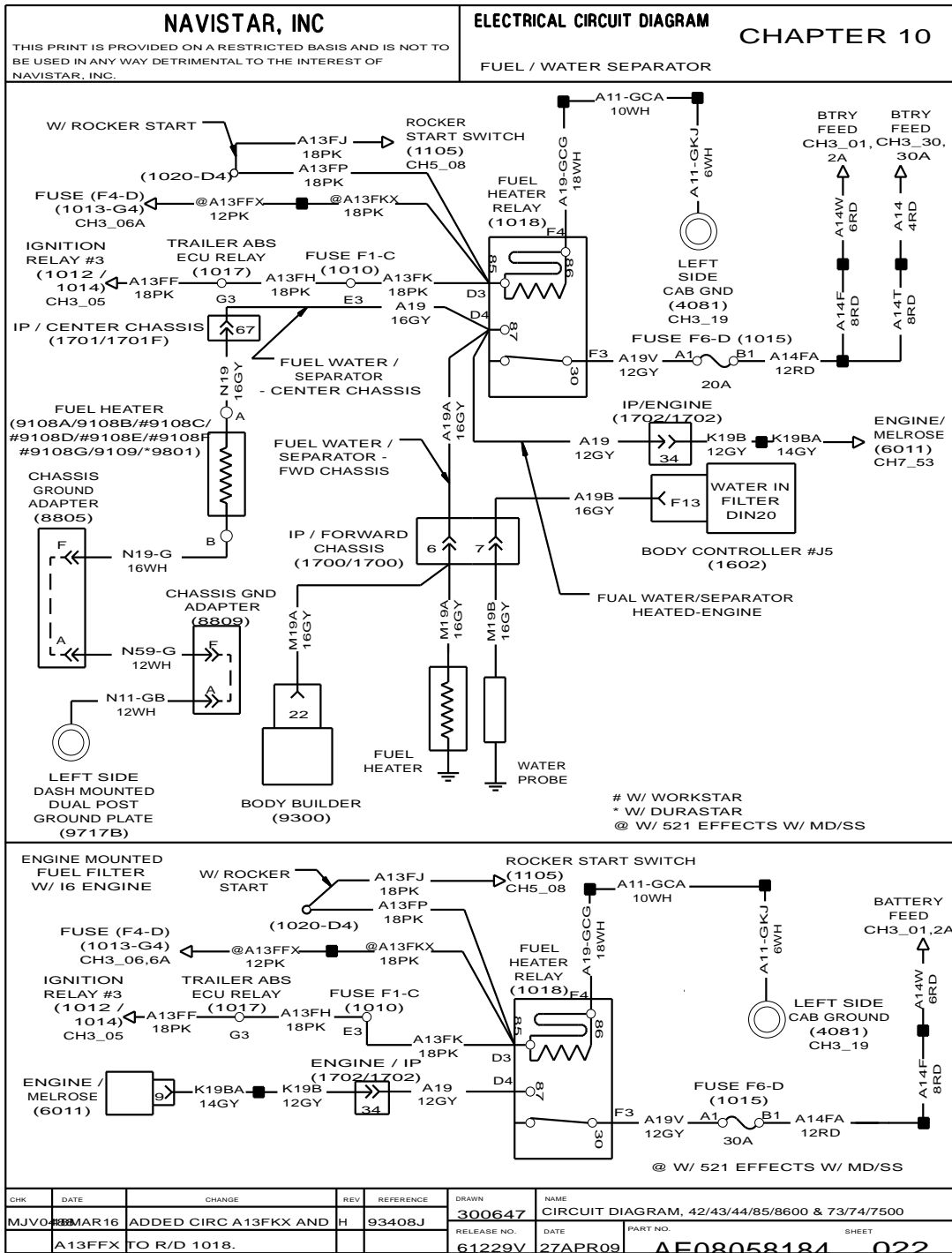


Figure 454 Fuel / Water Separator

10.47. CUMMINS ISB FUEL / WATER SEPARATOR, P. 22A

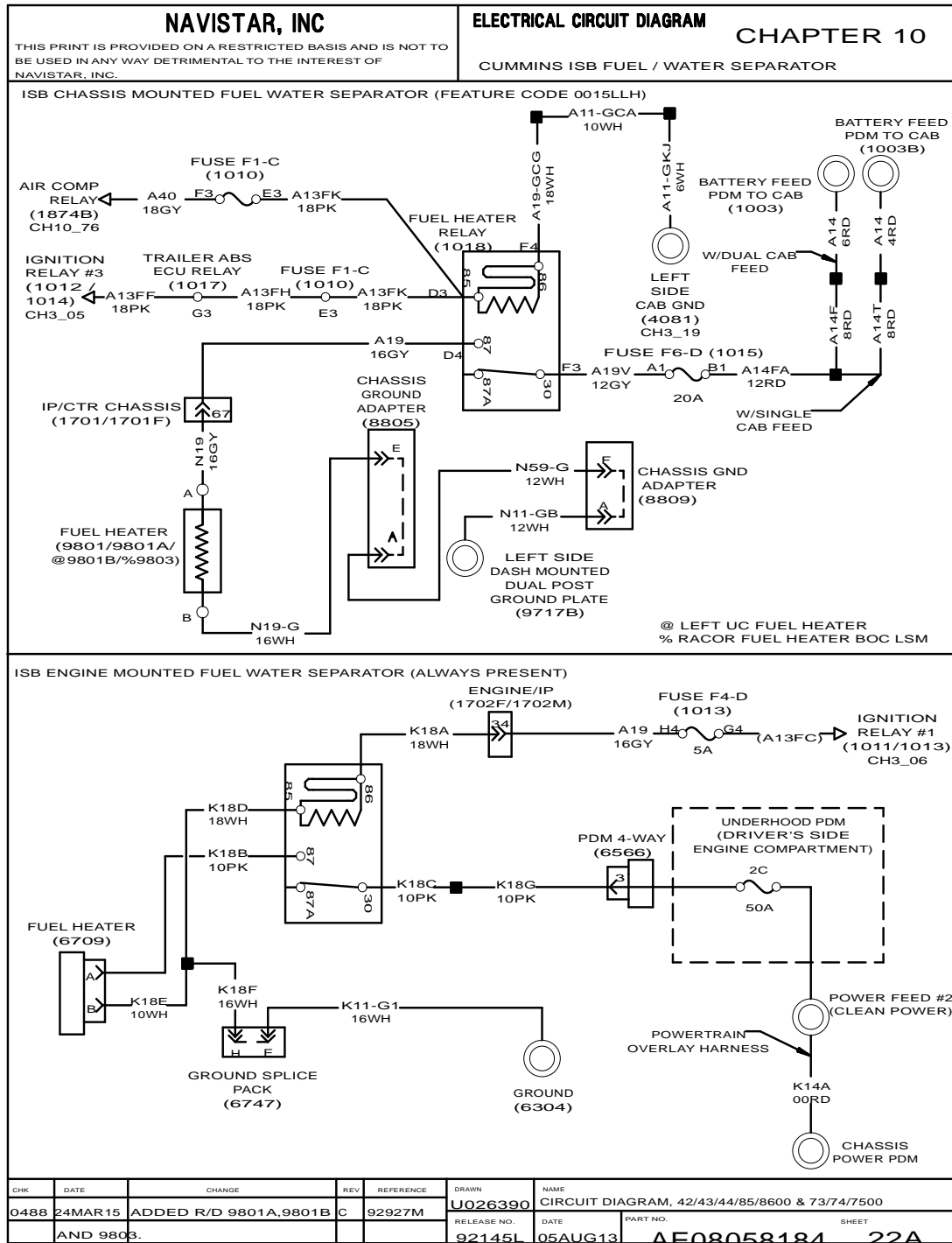


Figure 455 Cummins ISB Fuel / Water Separator

10.48. ELECTRIC TRAILER BRAKE, P. 23

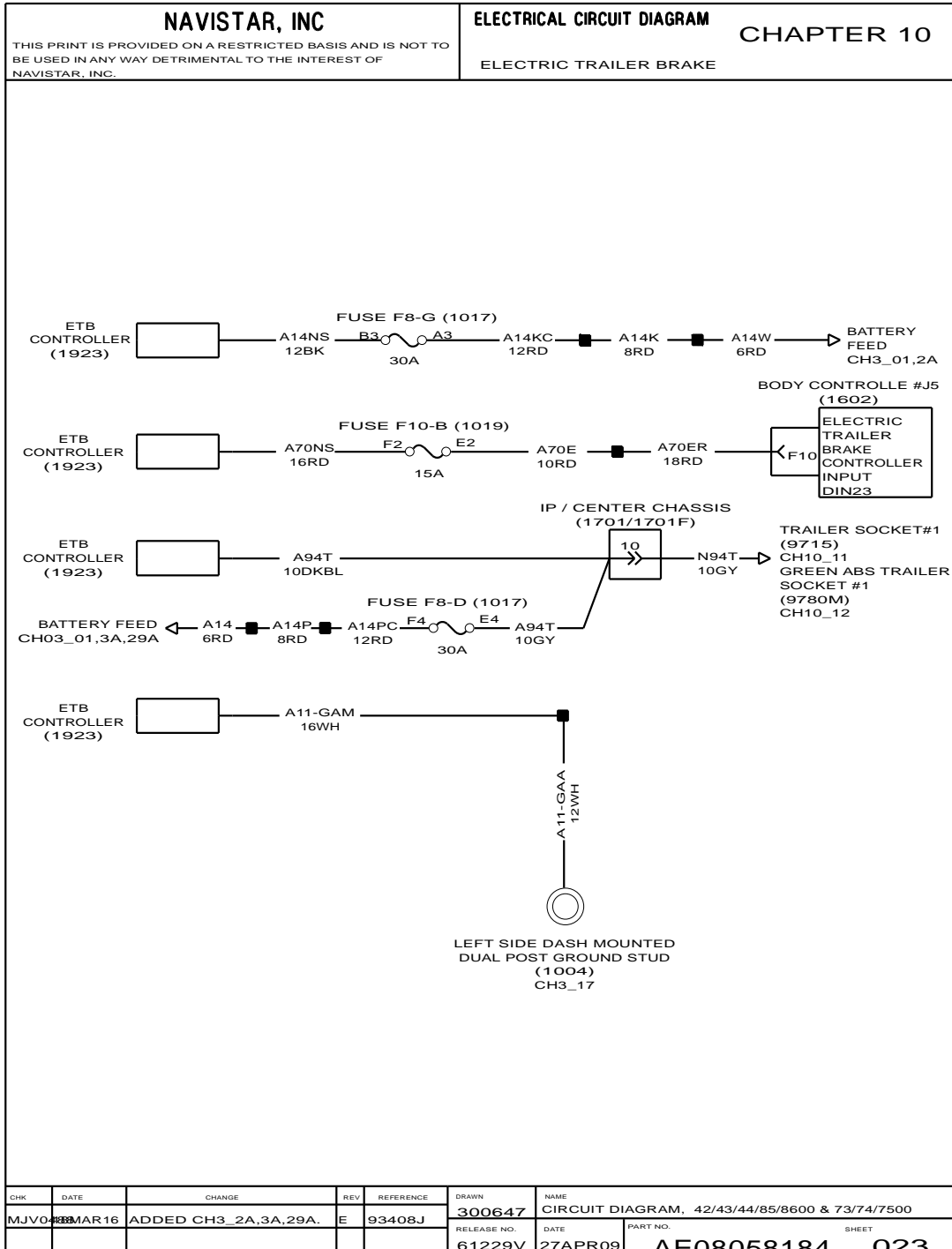


Figure 456 Electric Trailer Brake

10.49. LECTRASHIFT ACCOMMODATION, P. 24

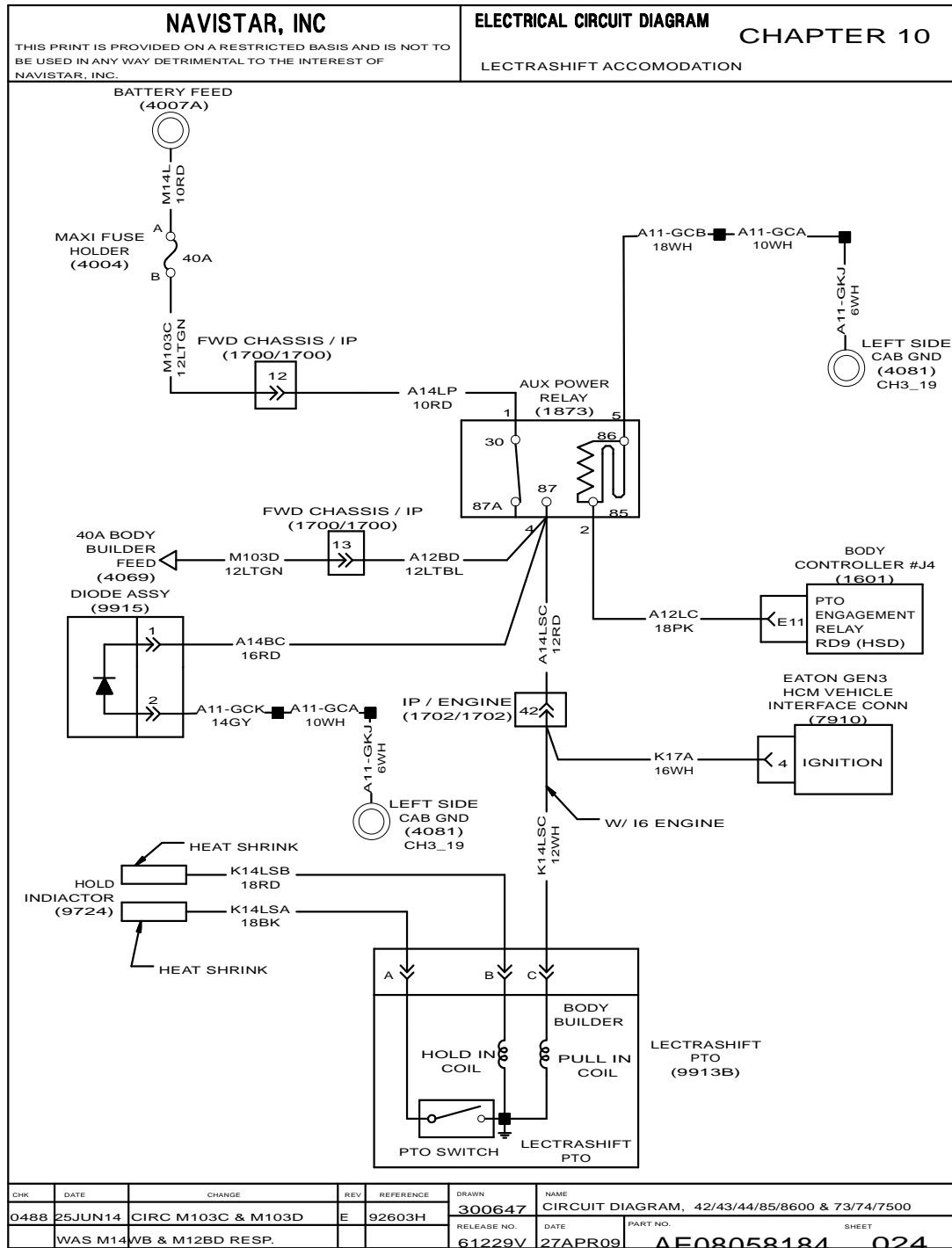


Figure 457 Lectrashift Accommodation

10.50. LECTRASHIFT ACCOMMODATION WITH F-2013 ISL ENGINE, P. 24A

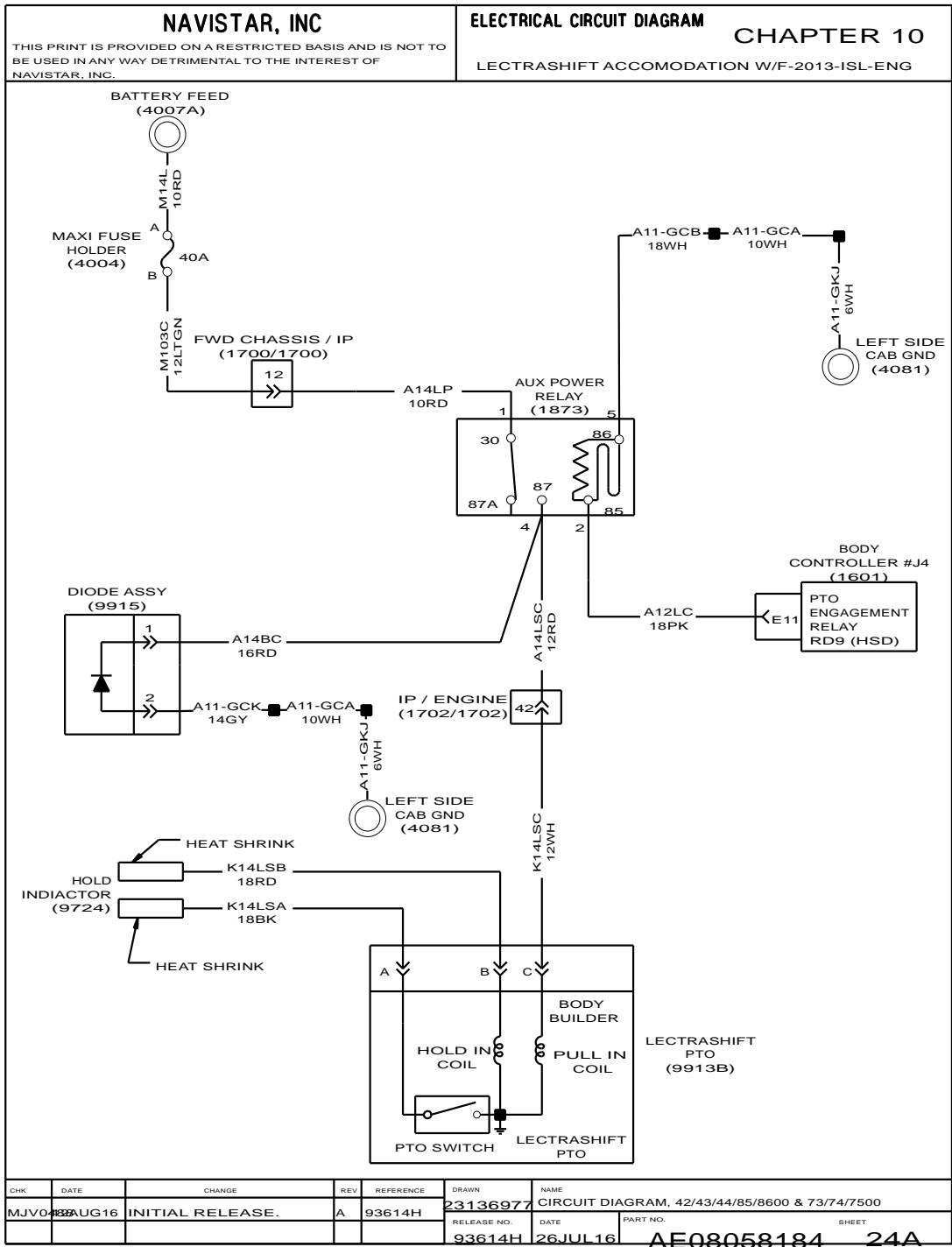


Figure 458 Lectrashift Accommodation with F-2013 ISL Engine

10.51. LECTRASHIFT ACCOMMODATION WITH F-2017 ISB ENGINE, P. 24B

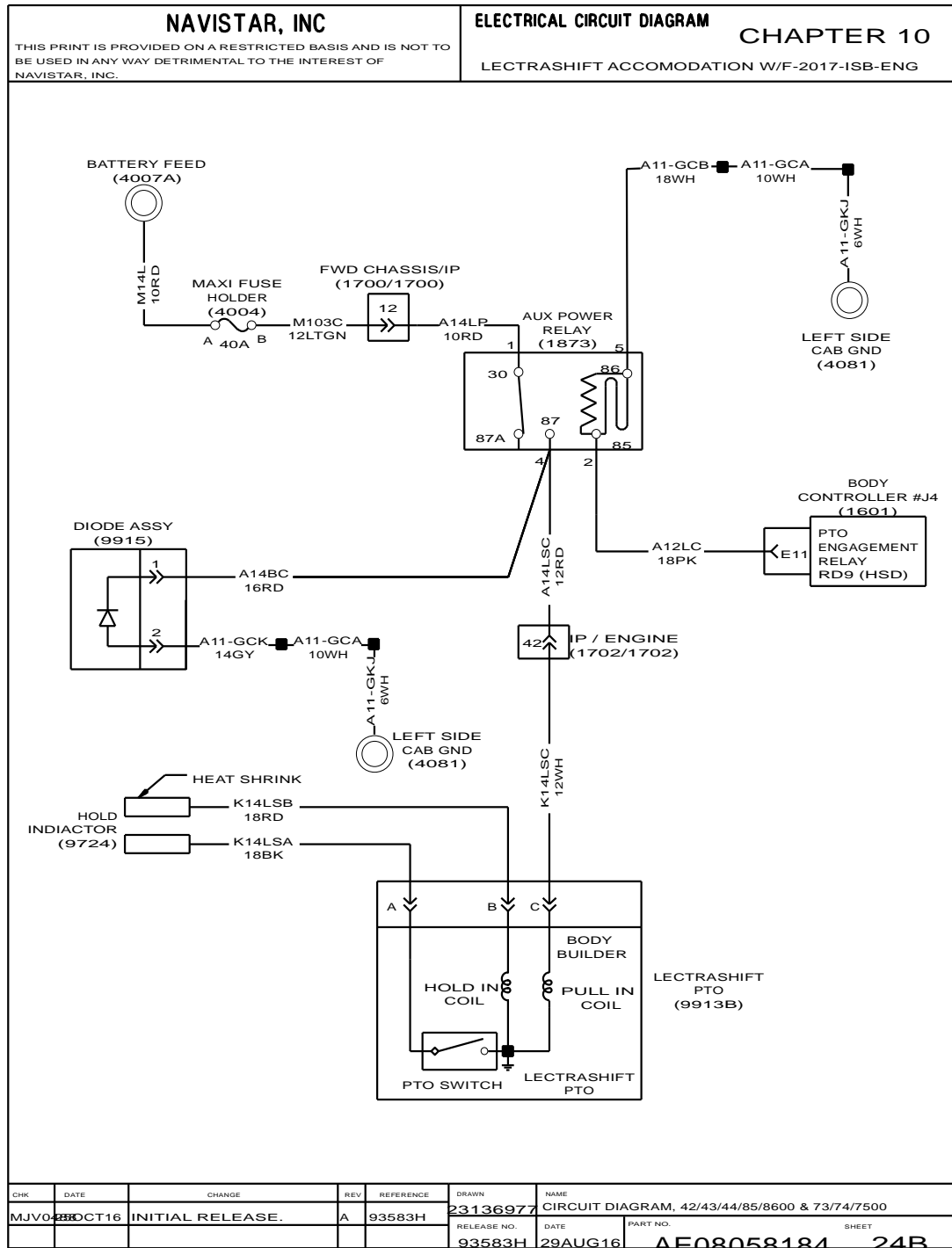


Figure 459 Lectrashift Accommodation with F-2017 ISB Engine

10.52. LECTRASHIFT ACCOMMODATION WITH F-2017-ISL ENGINE, P. 24C

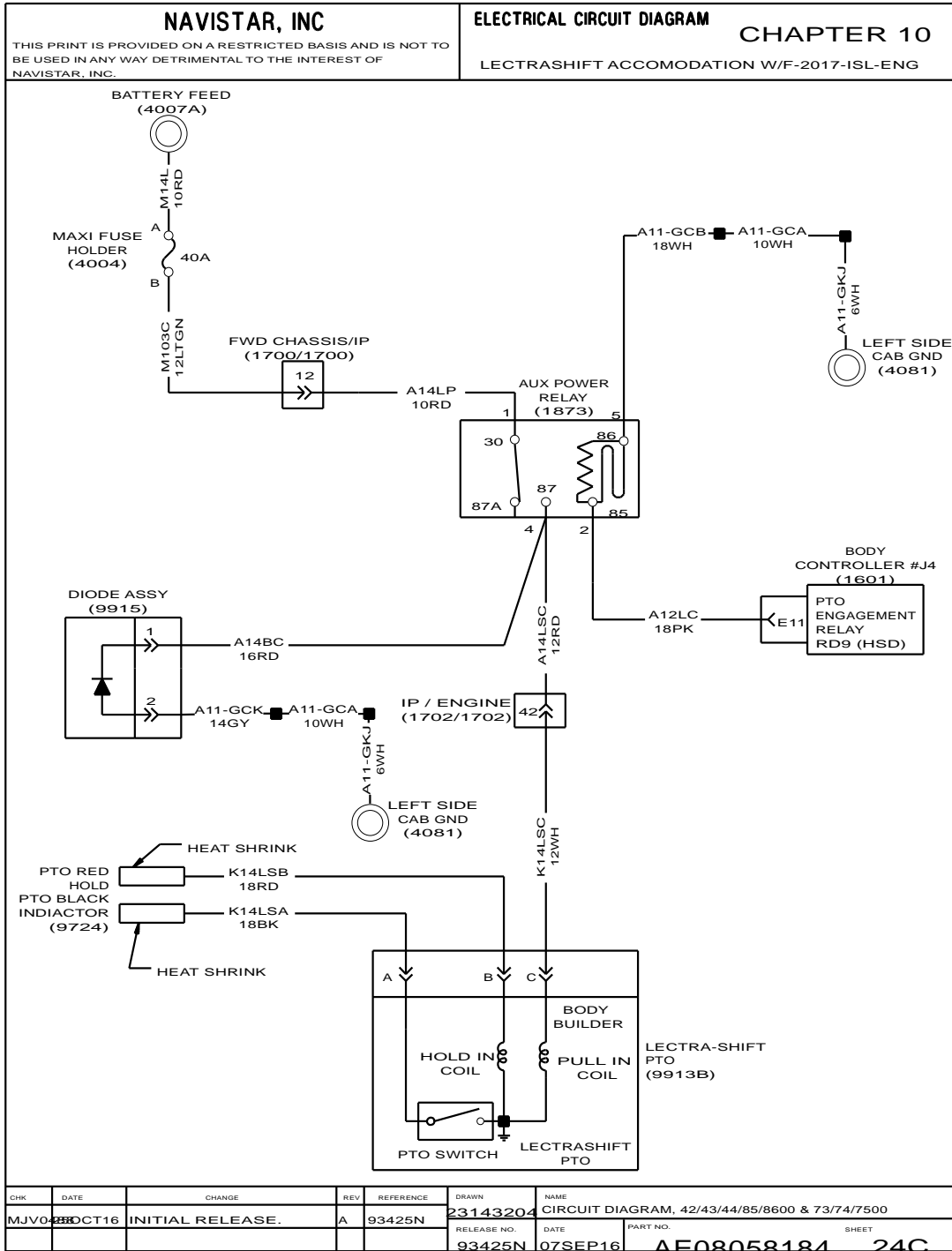


Figure 460 Lectrashift Accommodation with F-2017-ISL Engine

10.53. HOUR METER – POWER TAKE-OFF (PTO), P. 25

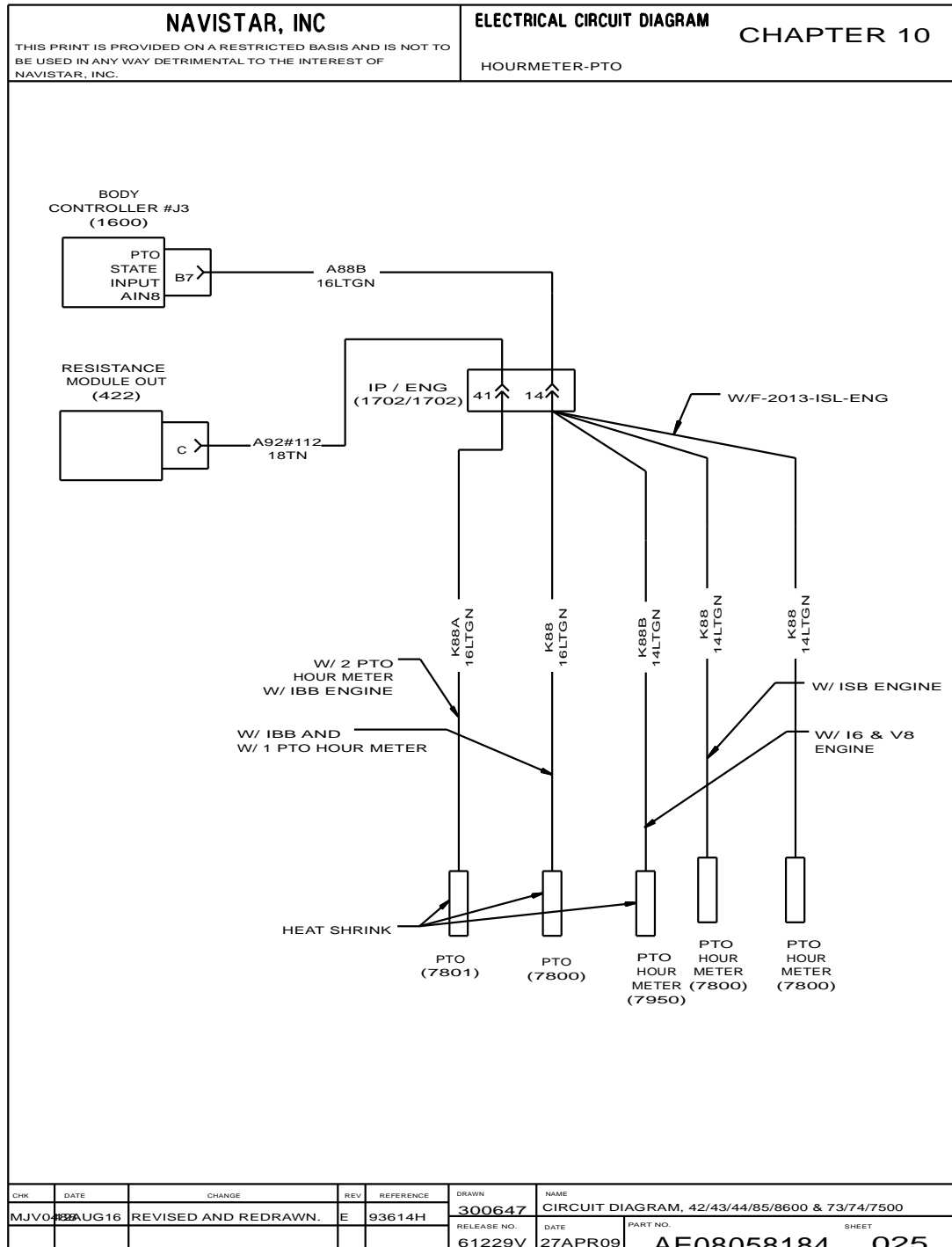


Figure 461 Hour Meter – Power Take-Off (PTO)

10.54. AUXILIARY INPUTS AND DRIVERS, P. 26

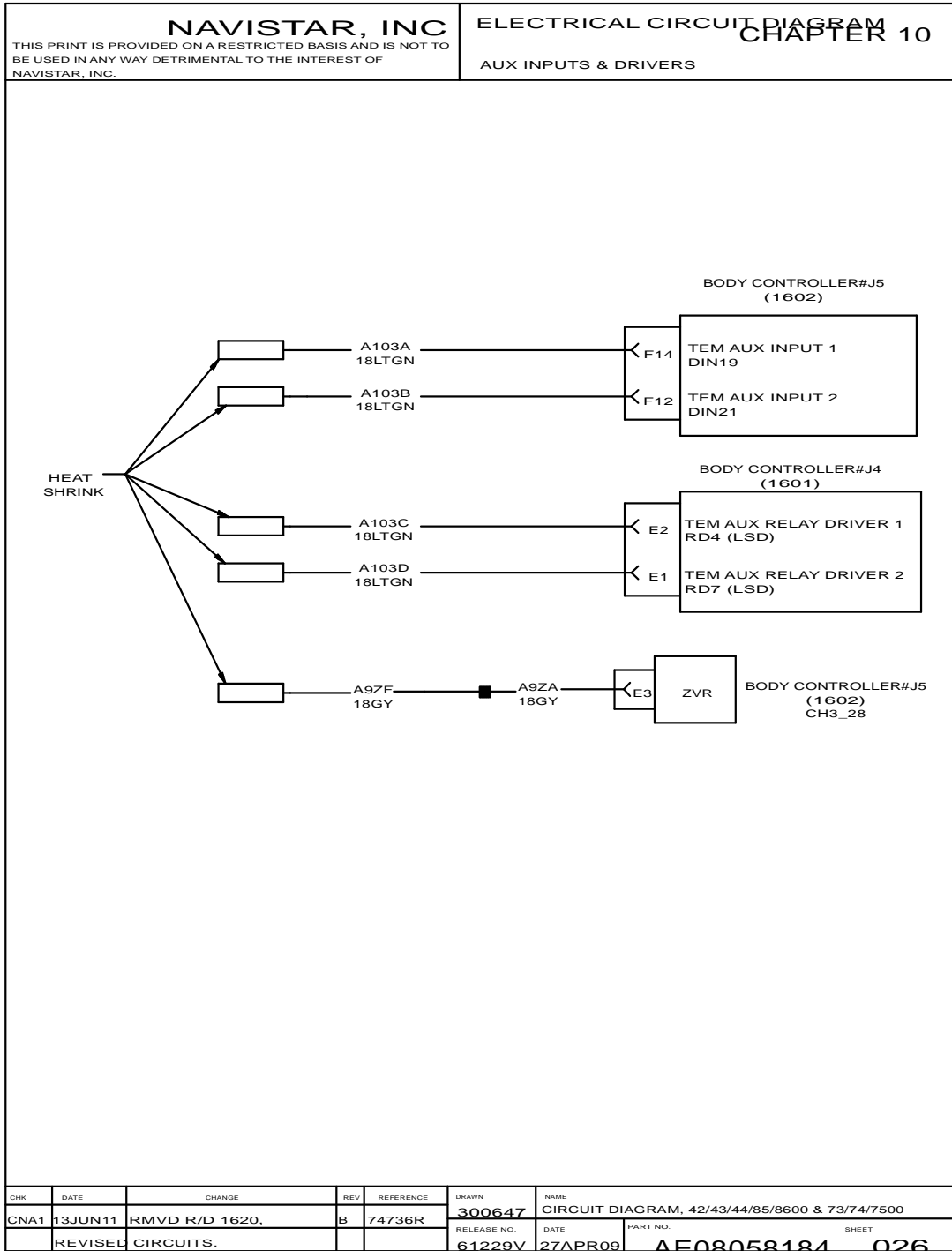


Figure 462 Auxiliary Inputs and Drivers

10.55. FUEL TRANSFER PUMP, P. 27

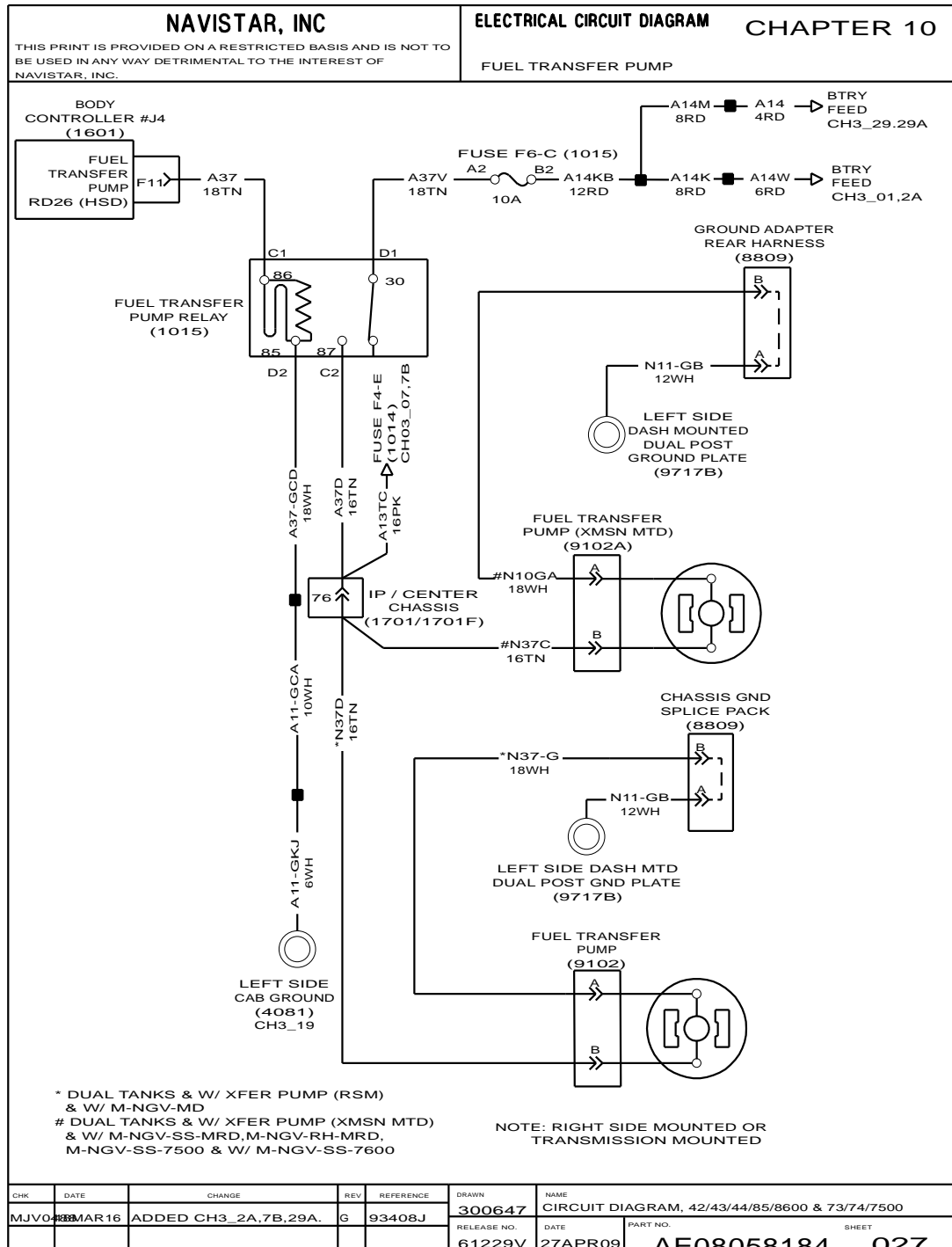


Figure 463 Fuel Transfer Pump

10.56. POWER SOURCE, CUSTOMER INSTALLED LIFT GATE, P. 28

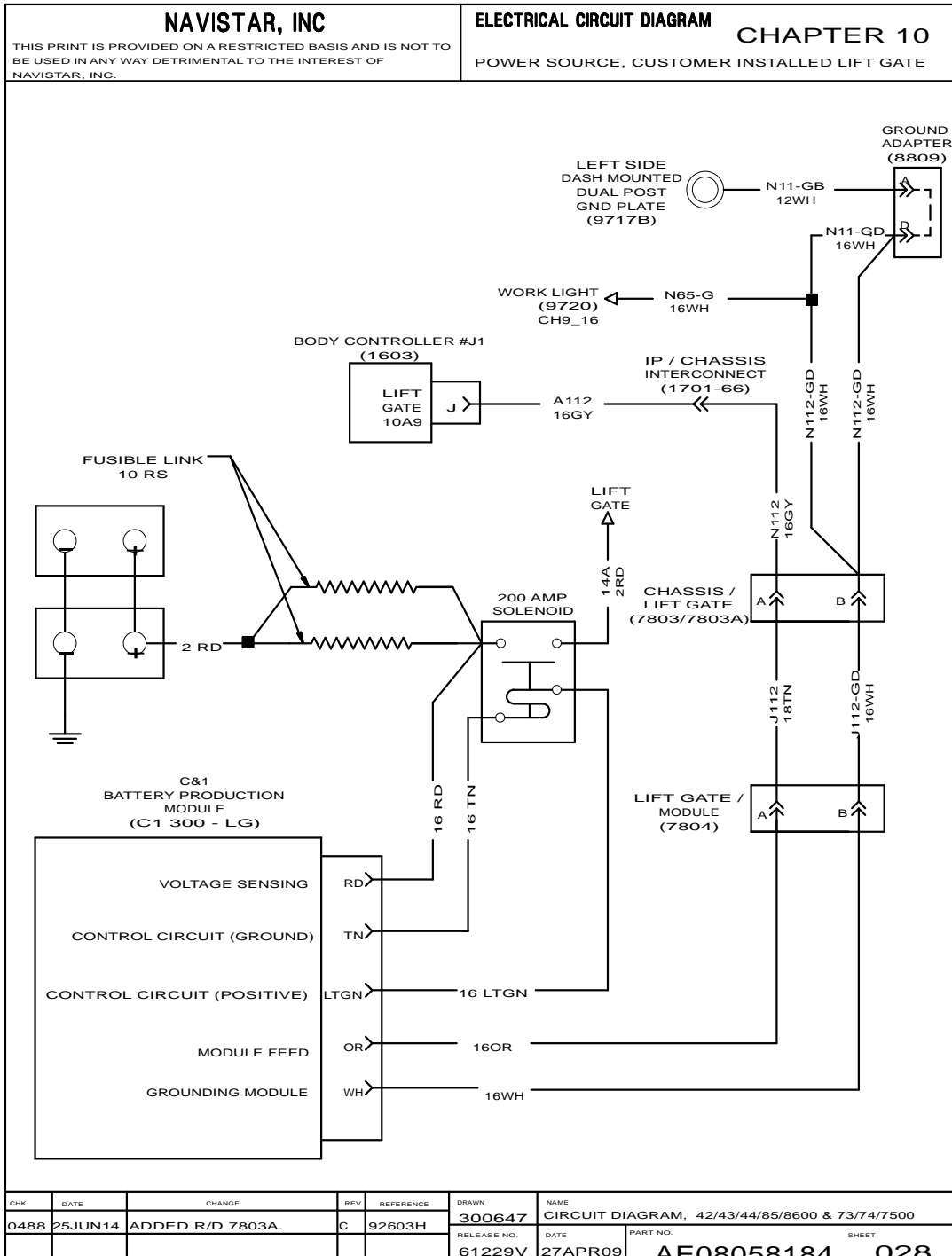


Figure 464 Power Source, Customer Installed Lift Gate

10.57. WHEELCHAIR LIFT INTERLOCK, P. 29

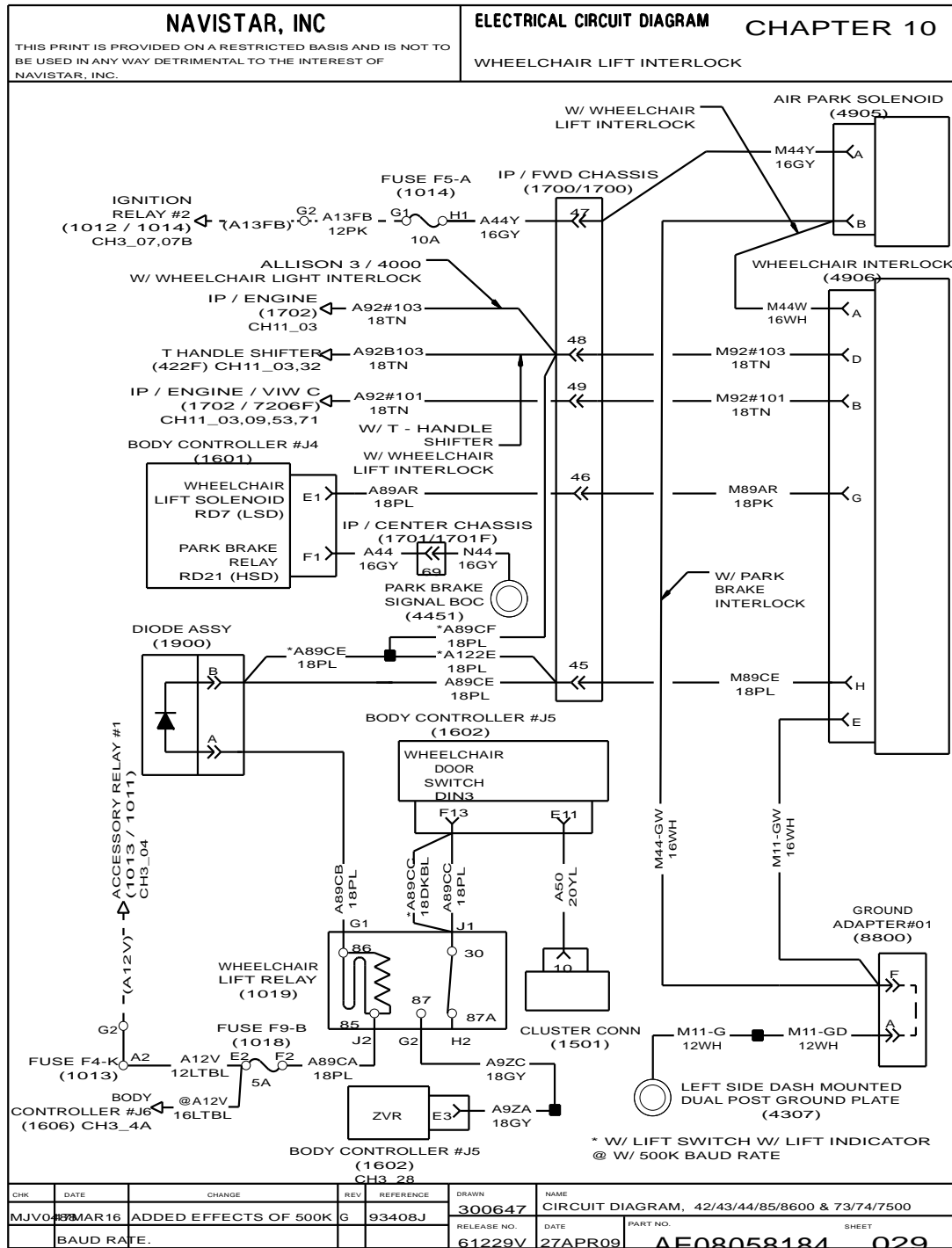


Figure 465 Wheelchair Lift Interlock

10.58. WHEELCHAIR LIFT INTERLOCK (CONT.), P. 29A

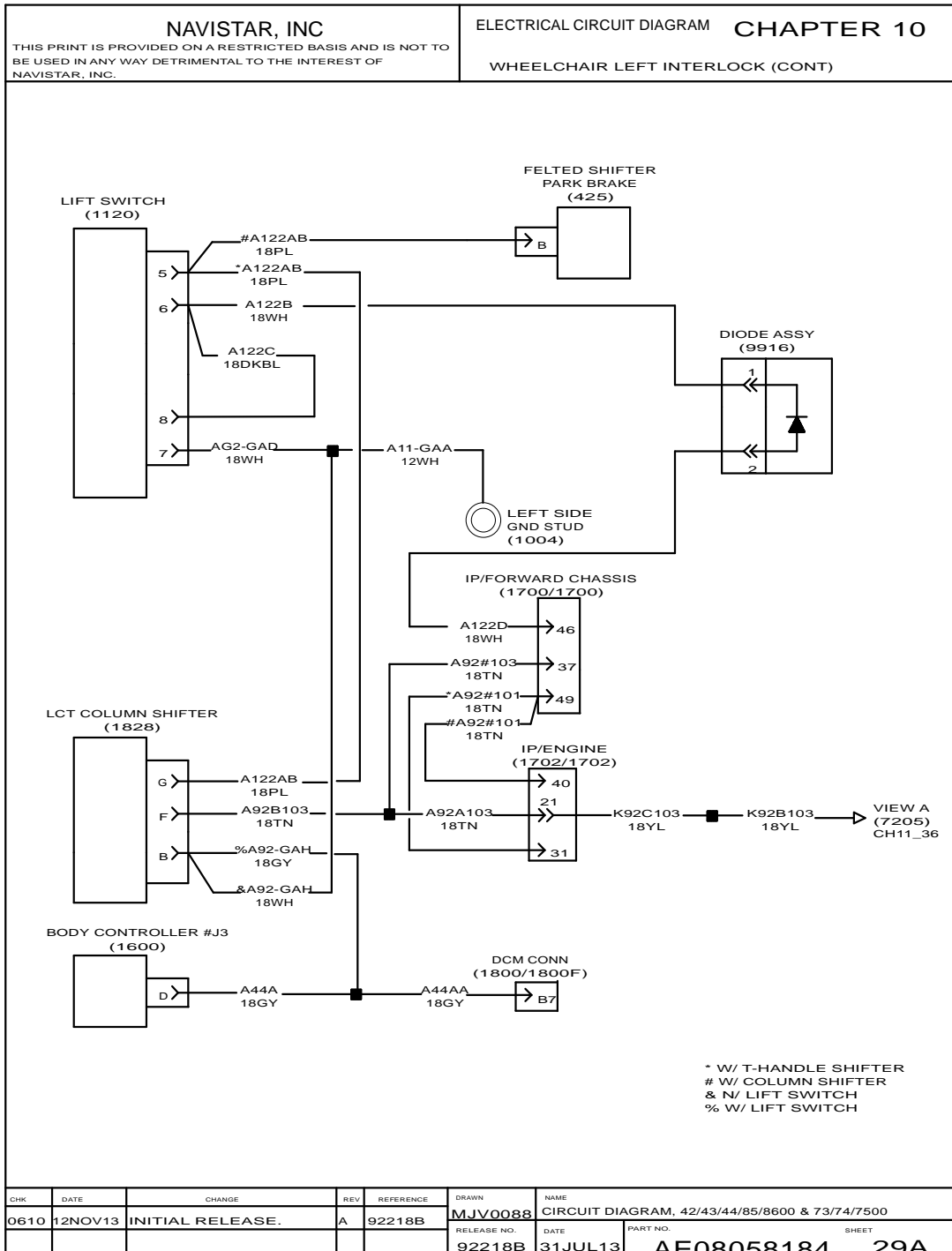


Figure 466 Wheelchair Lift Interlock (Cont.)

10.59. LIFT AXLE WITH CONTROLS FOR ONE LIFT AXLE, P. 30

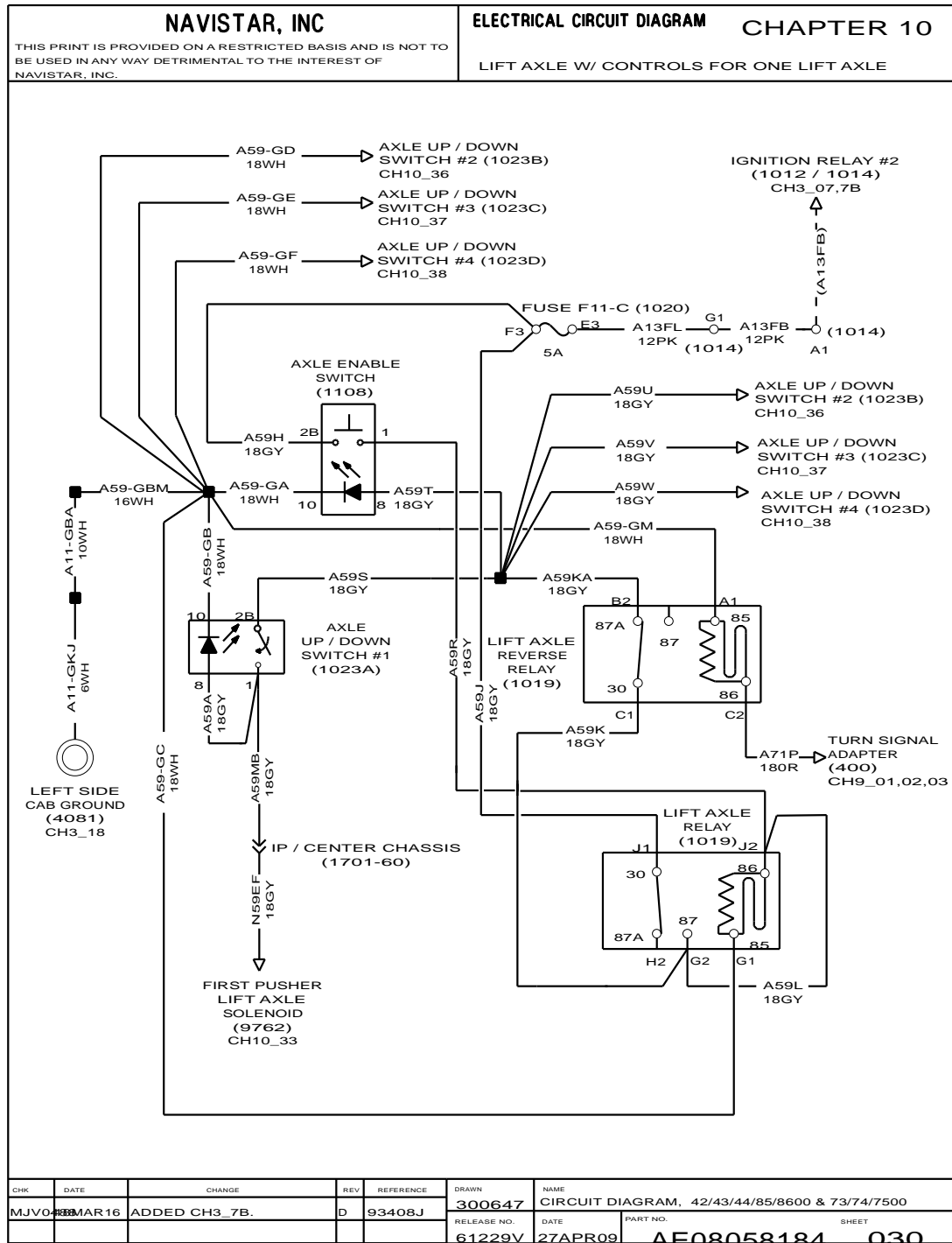


Figure 467 Lift Axle with Controls for One Lift Axle

10.60. LIFT AXLE WITH CONTROLS FOR ONE LIFT AXLE (CONT.), P. 30A

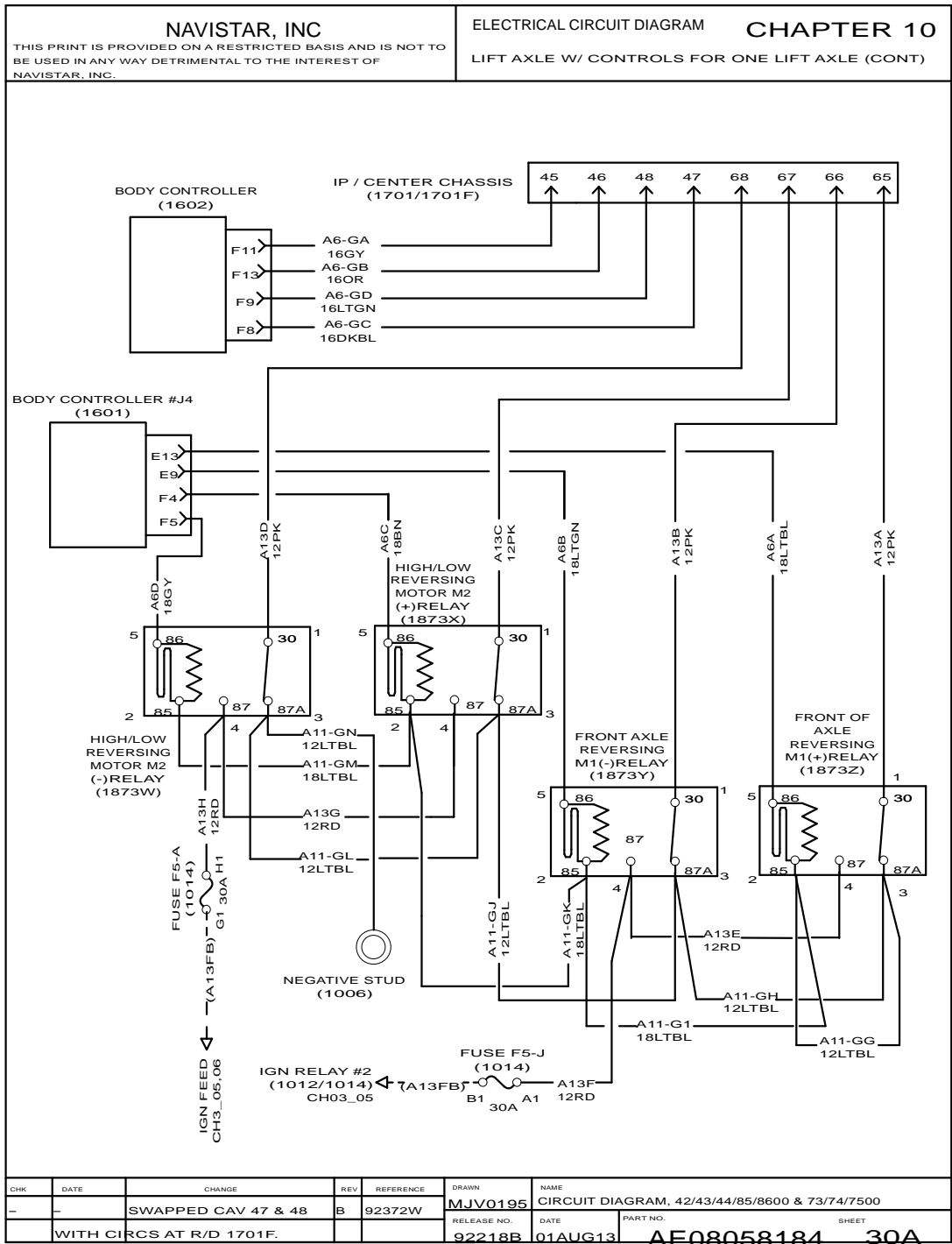


Figure 468 Lift Axle with Controls for One Lift Axle (Cont.)

10.61. SPARE WIRING WITH LOAD DISCONNECT, P. 30B

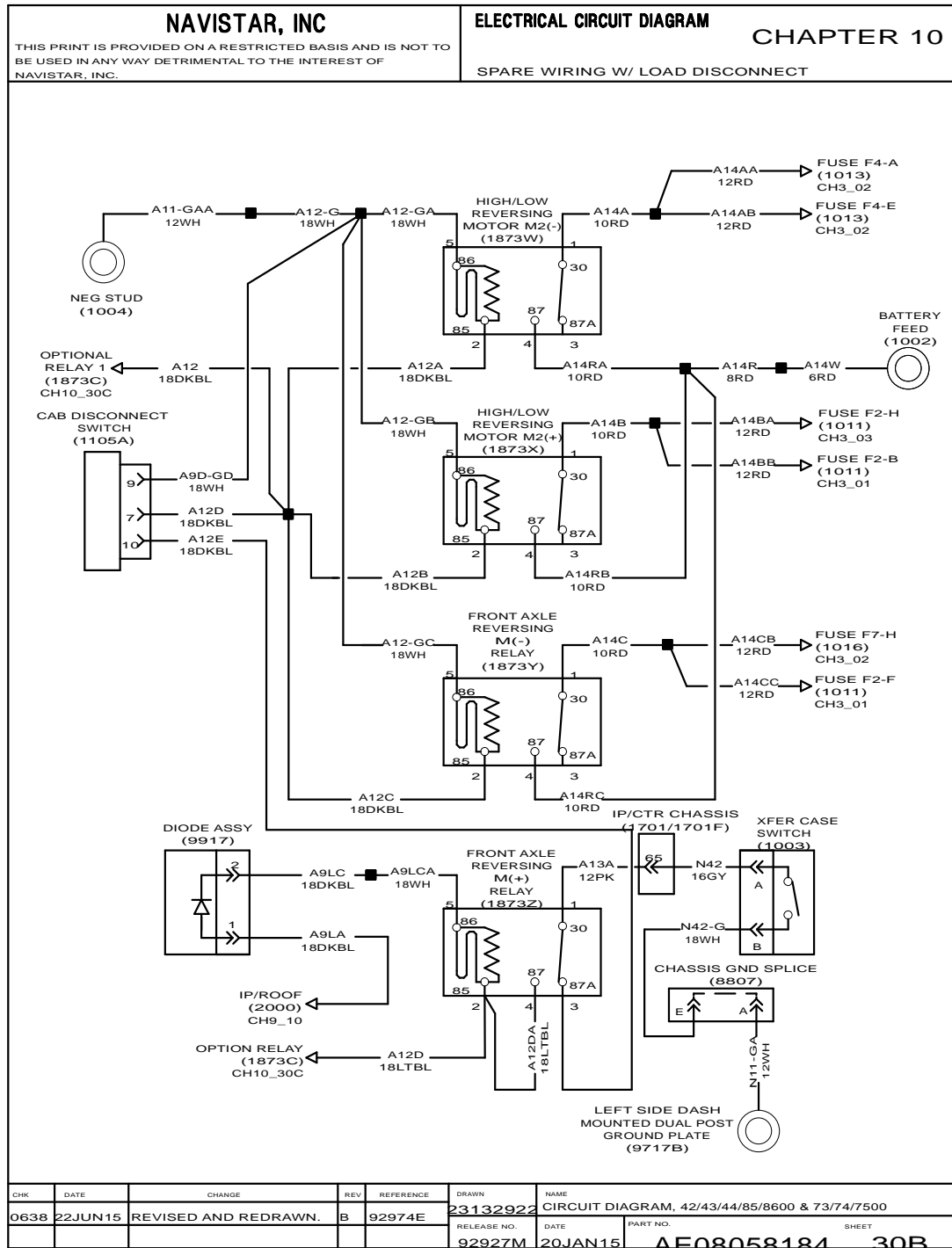


Figure 469 Spare Wiring with Load Disconnect

10.62. SPARE WIRING WITH LOAD DISCONNECT (CONT.), P. 30C

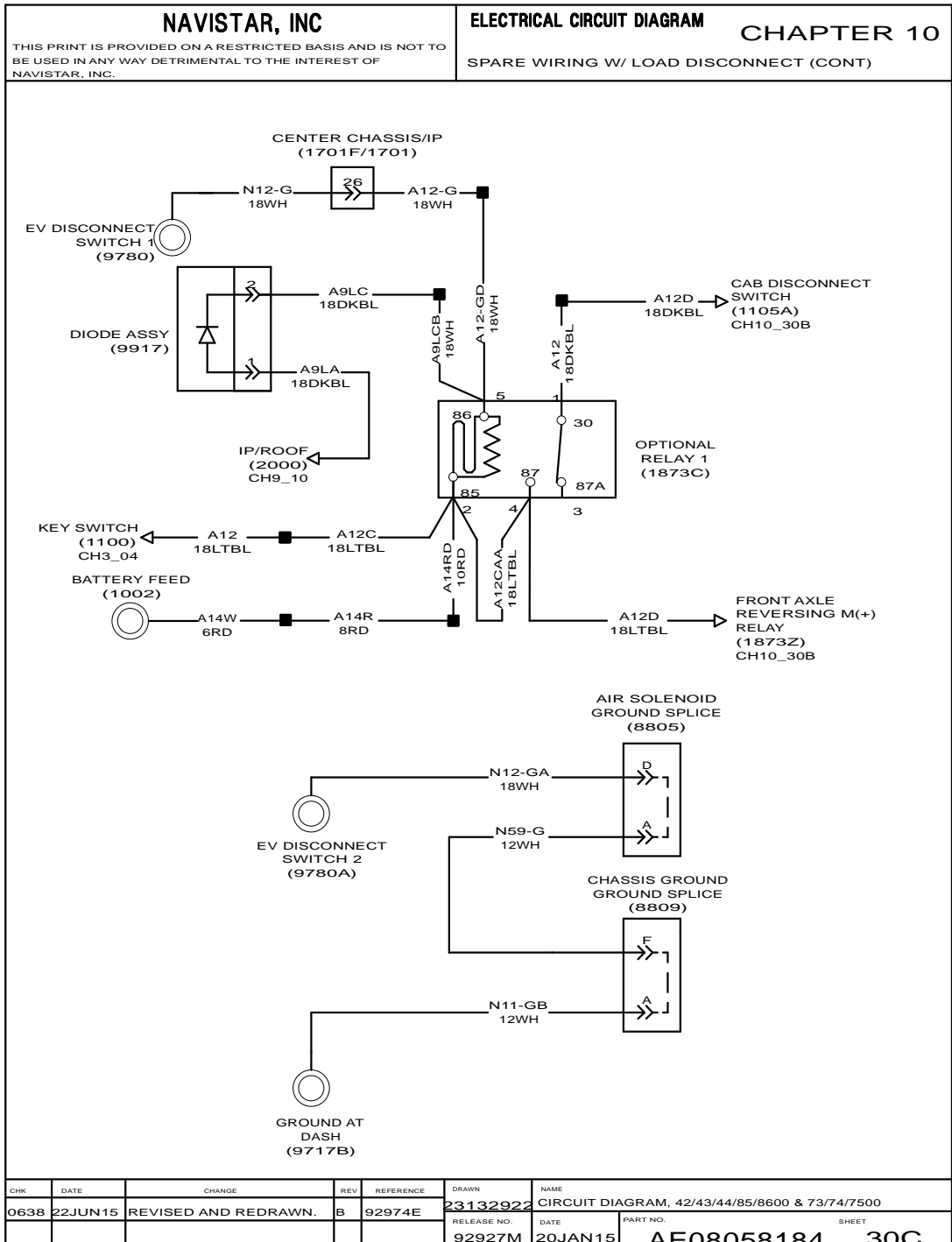


Figure 470 Spare Wiring with Load Disconnect (Cont.)

10.63. LIFT AXLE (NON-STEERABLE), P. 31

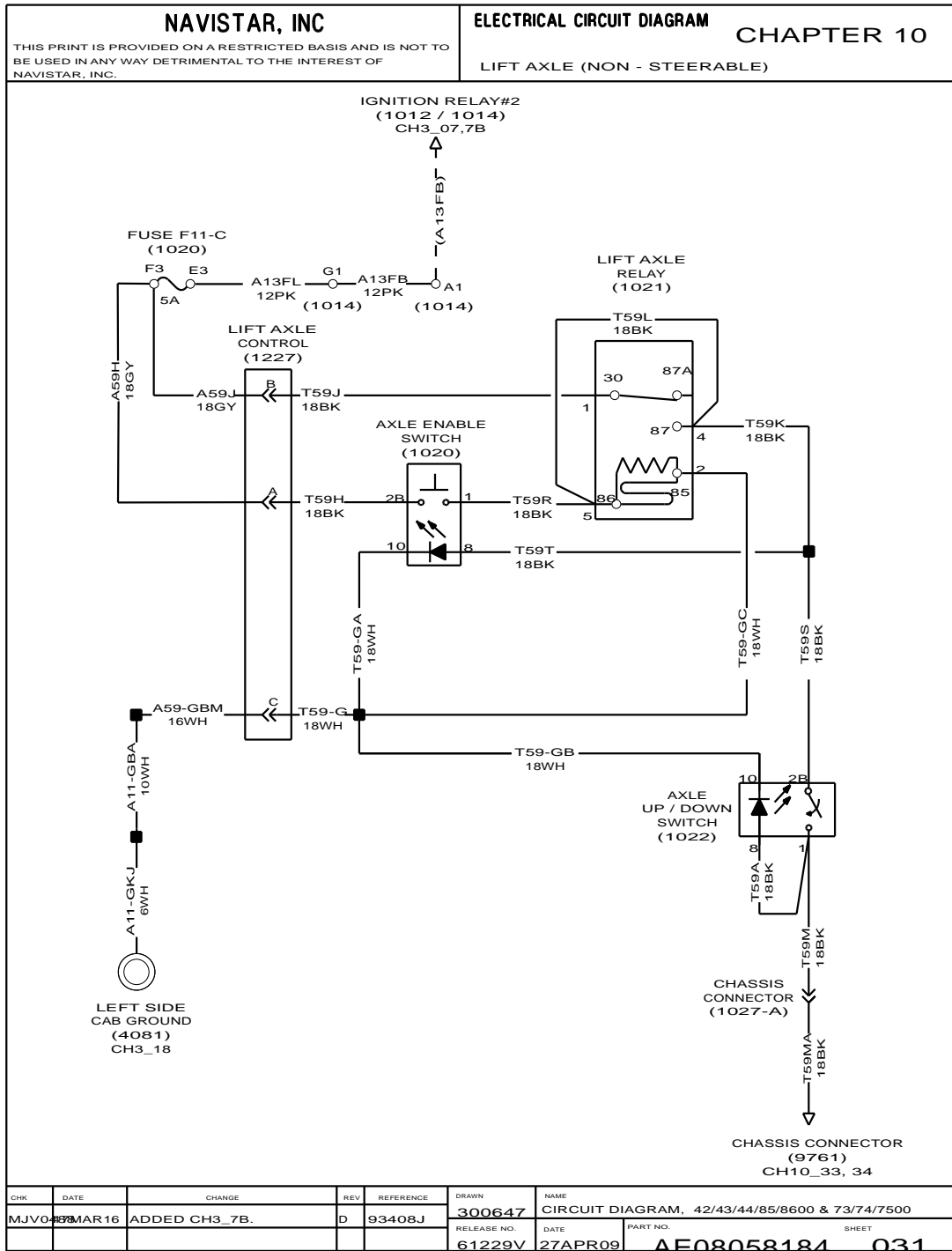


Figure 471 Lift Axle (Non-Steerable)

10.64. LIFT AXLE (STEERABLE), P. 32

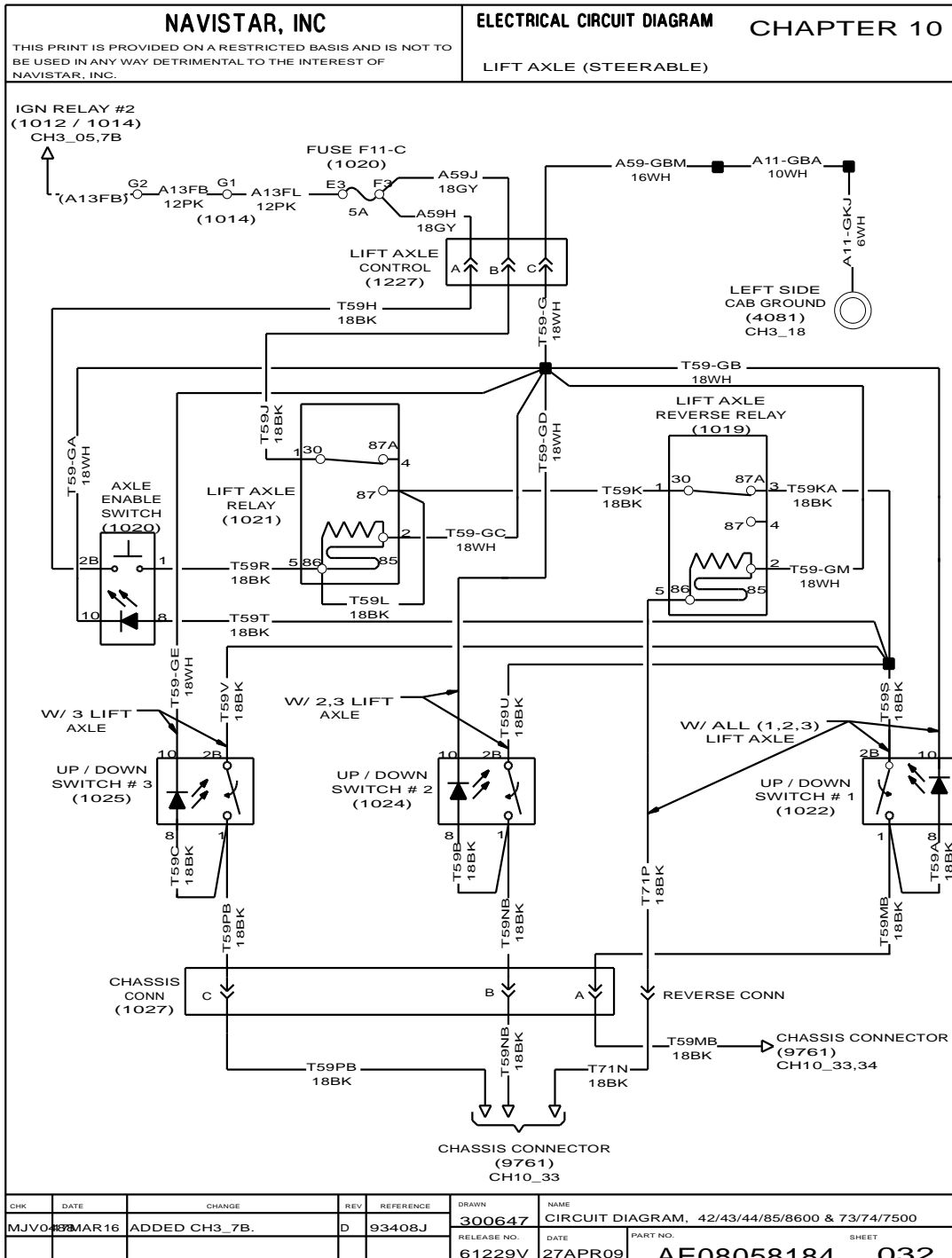


Figure 472 Lift Axle (Steerable)

10.65. LIFT AXLE, P. 33

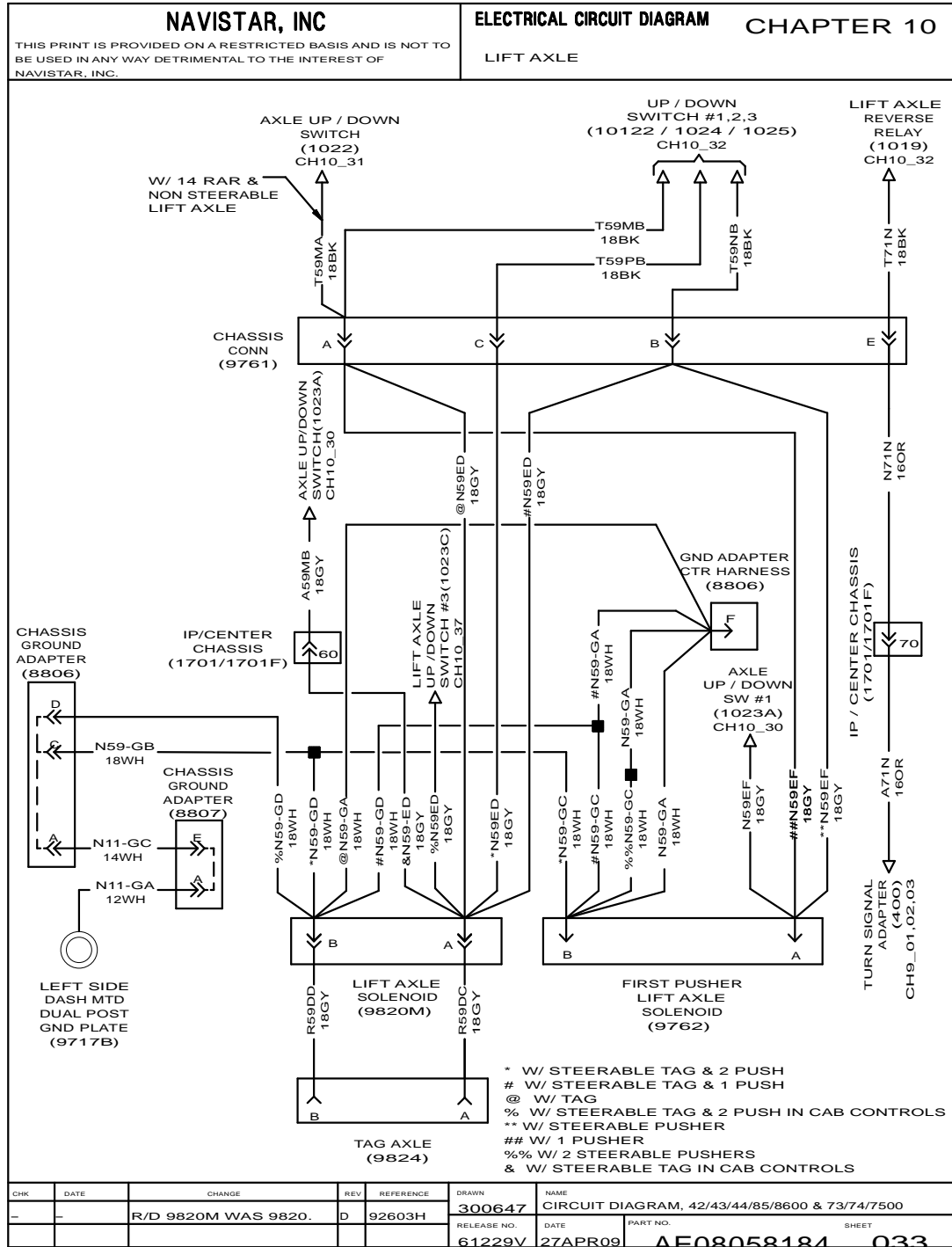


Figure 473 Lift Axle

10.66. LIFT AXLE (CONT.), P. 34

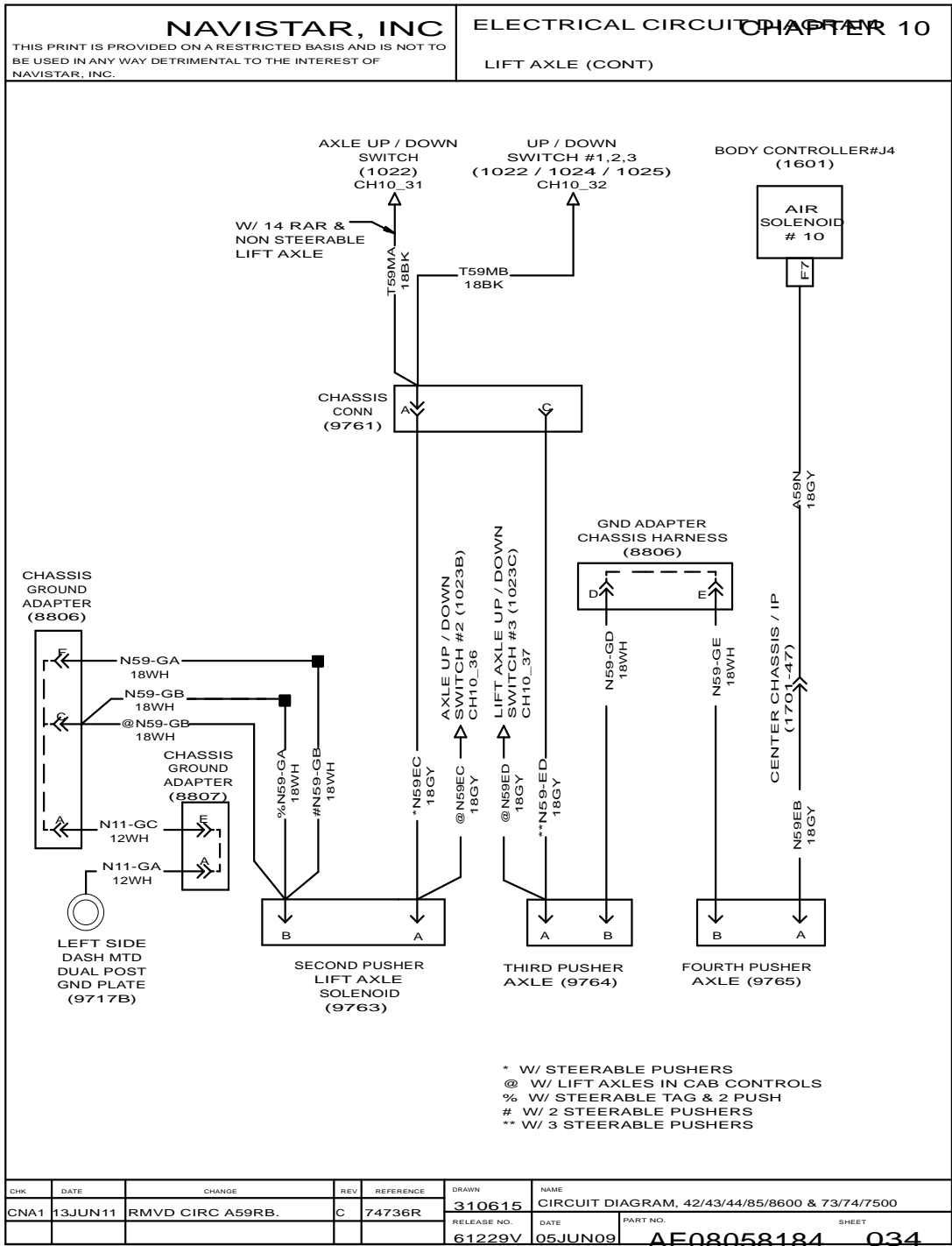


Figure 474 Lift Axle (Cont.)

10.67. AIR DRYER AND HEATED DRAIN VALVE, P. 35

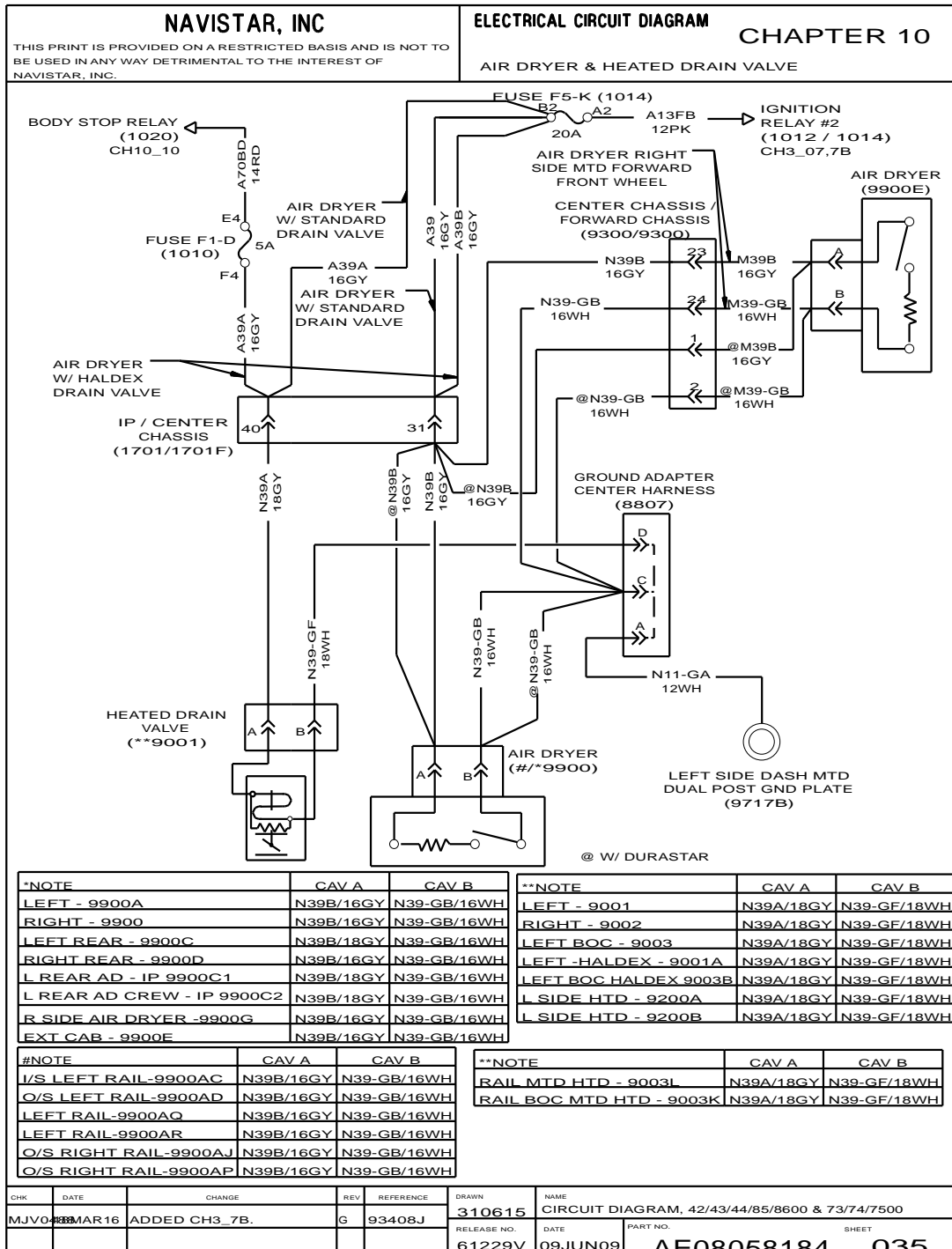


Figure 475 Air Dryer and Heated Drain Valve

10.68. LIFT AXLE WITH CONTROLS FOR TWO LIFT AXLES, P. 36

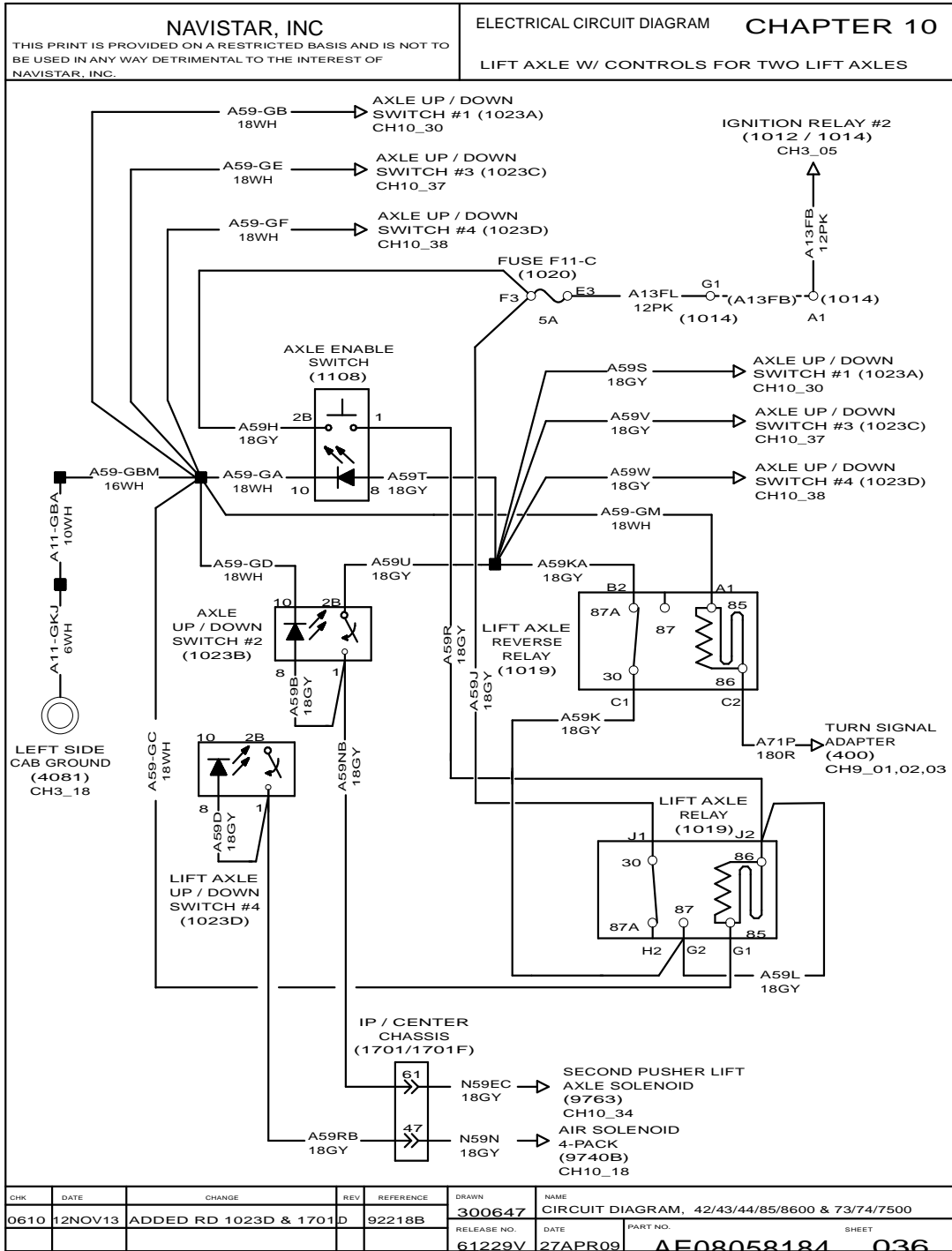


Figure 476 Lift Axle with Controls for Two Lift Axles

10.69. LIFT AXLES WITH CONTROLS FOR THREE LIFT AXLES, P. 37

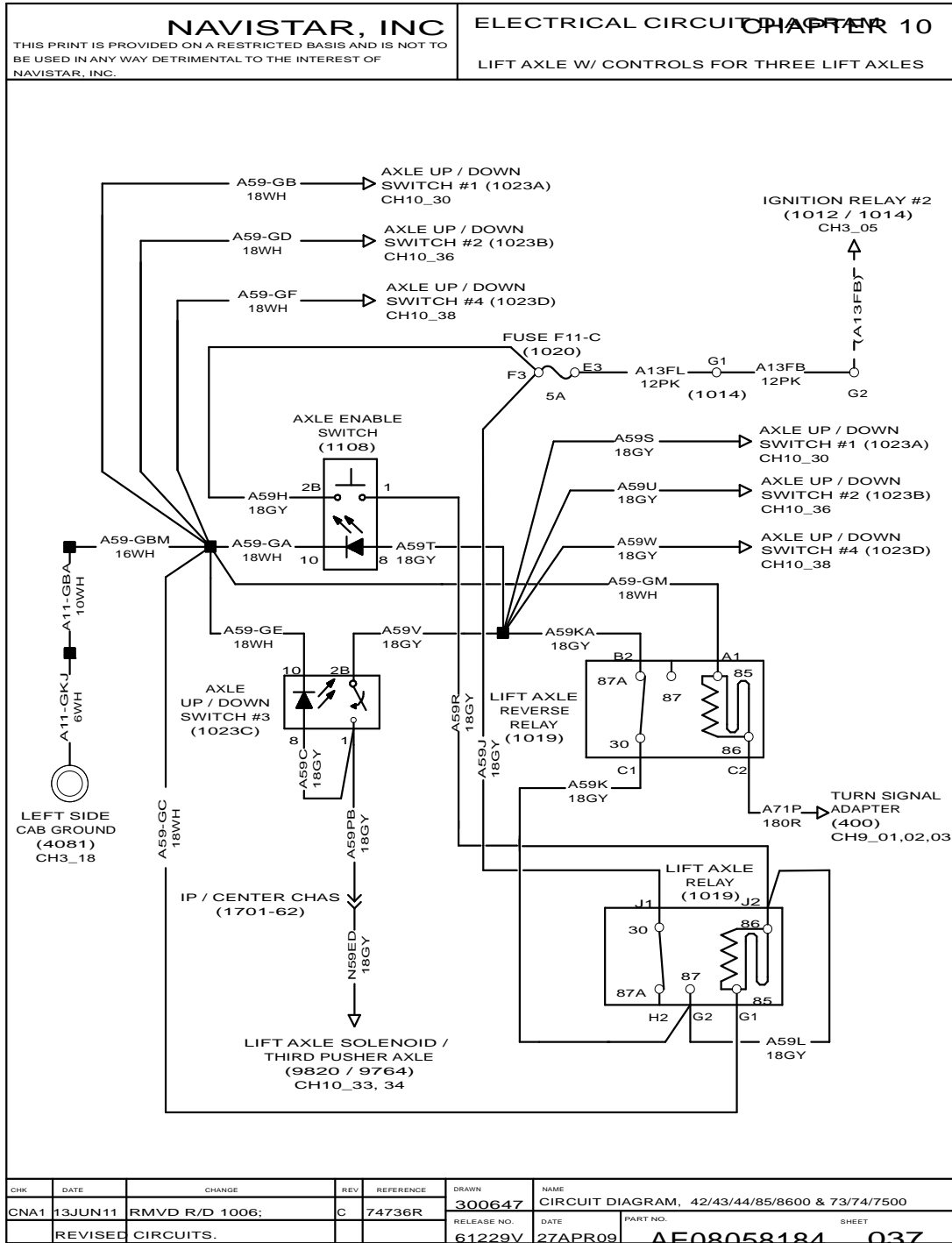


Figure 477 Lift Axles with Controls for Three Lift Axles

10.70. LIFT AXLES WITH CONTROLS FOR FOUR LIFT AXLES, P. 38

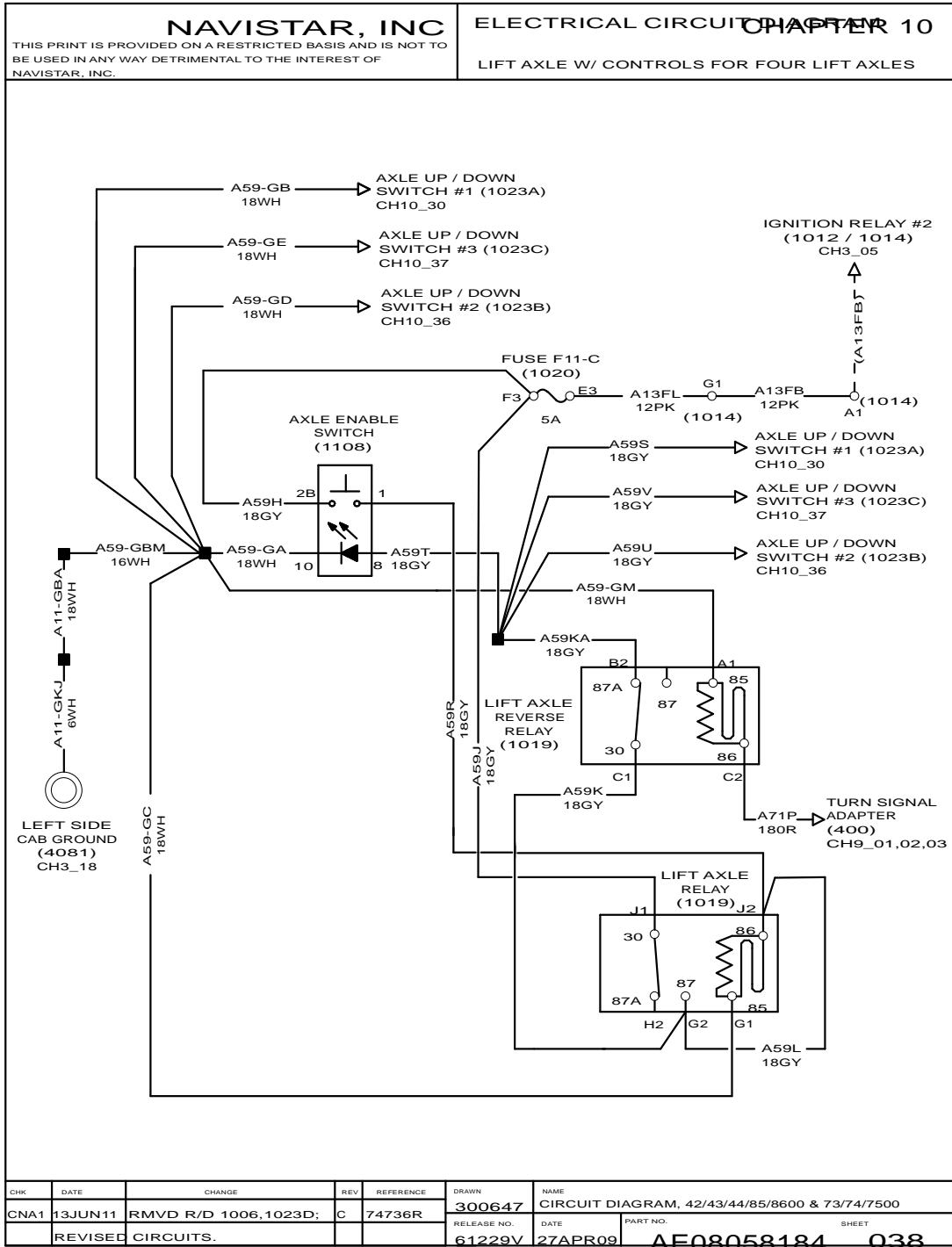


Figure 478 Lift Axles with Controls for Four Lift Axles

10.71. ABS ROLL OVER STABILITY, P. 39

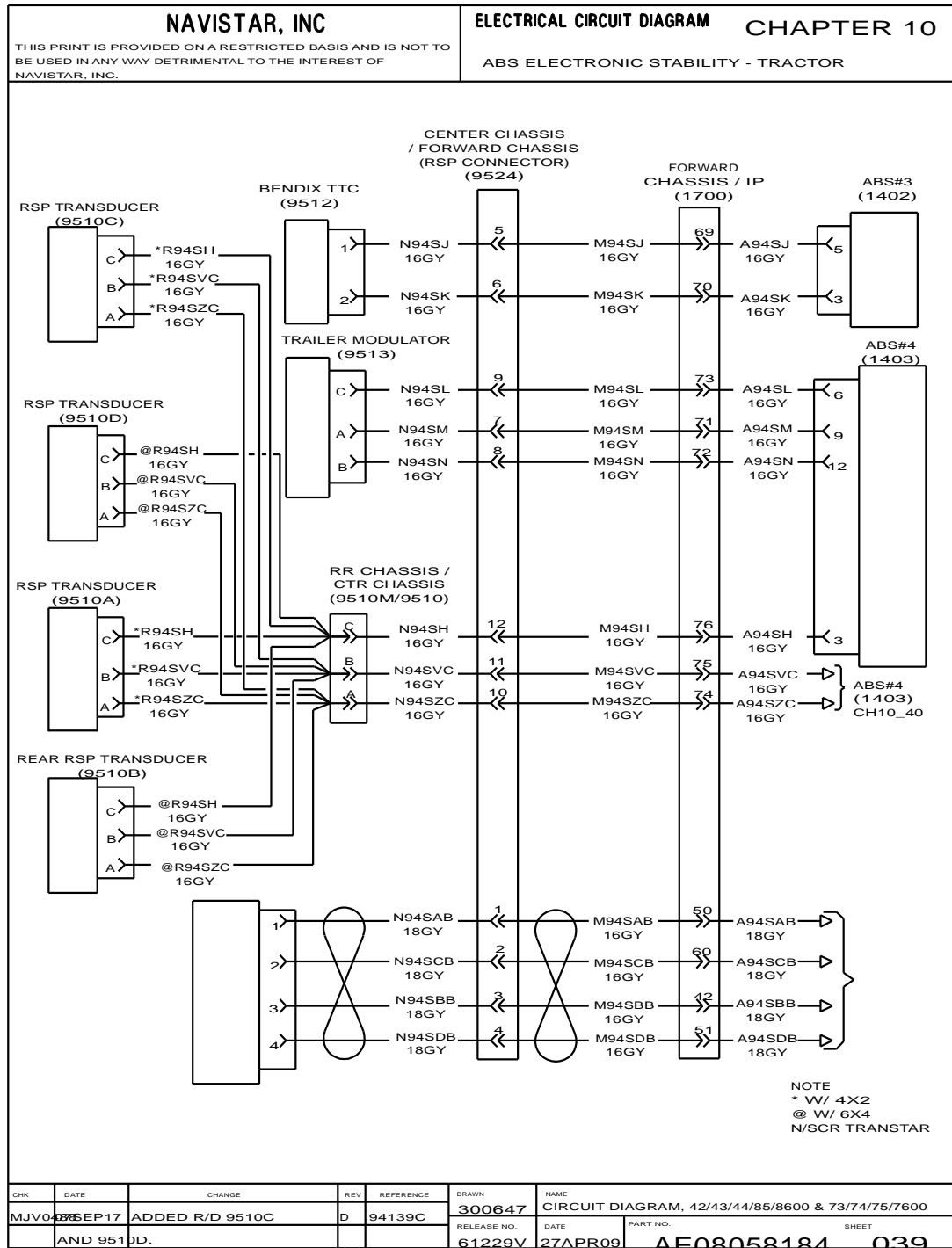


Figure 479 ABS Roll Over Stability

10.72. ABS ELECTRONIC STABILITY, P. 40

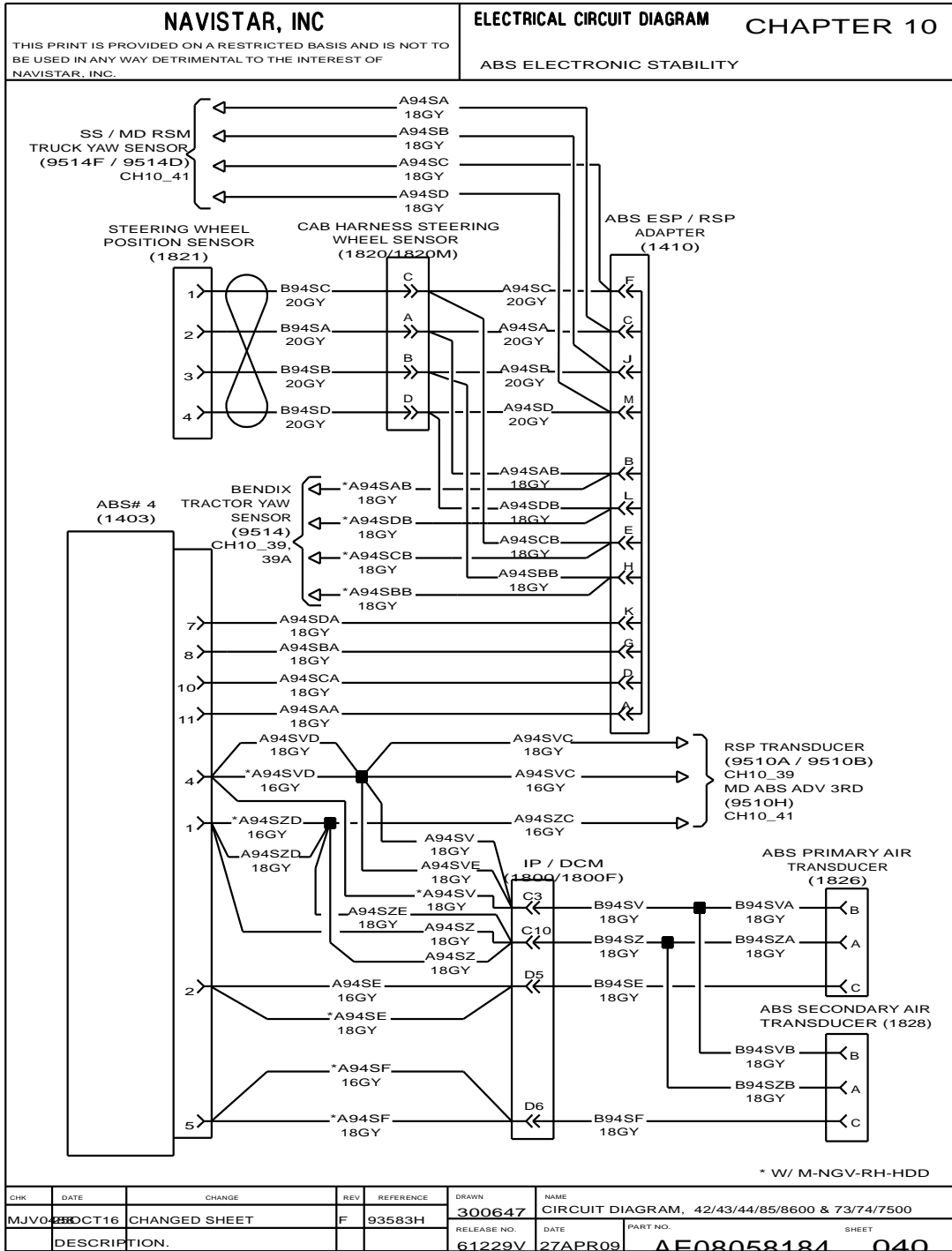


Figure 480 ABS Electronic Stability

10.73. ABS – BENDIX AIR, P. 41

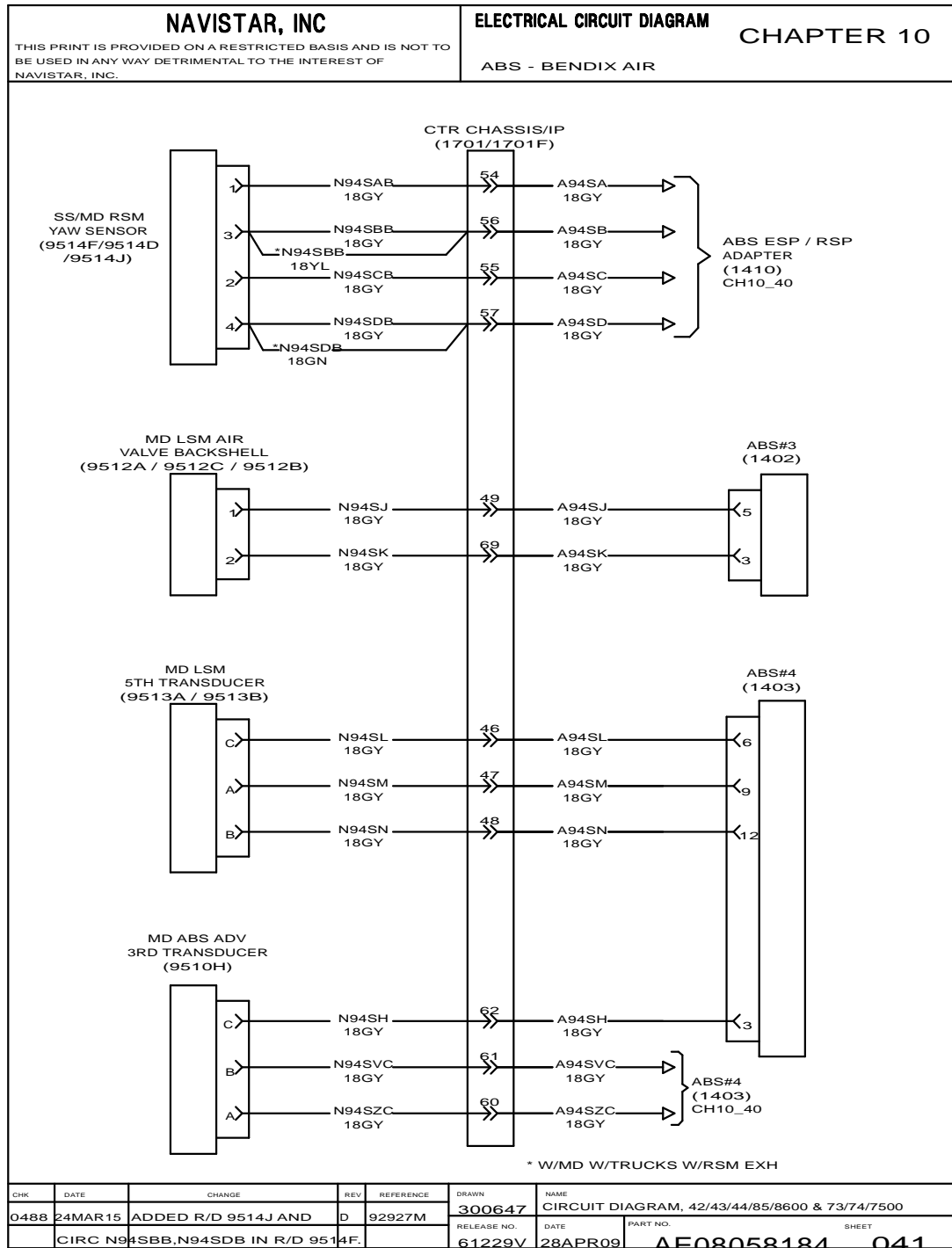


Figure 481 ABS – Bendix Air

10.74. ABS – BENDIX AIR (CONT.), P. 41A

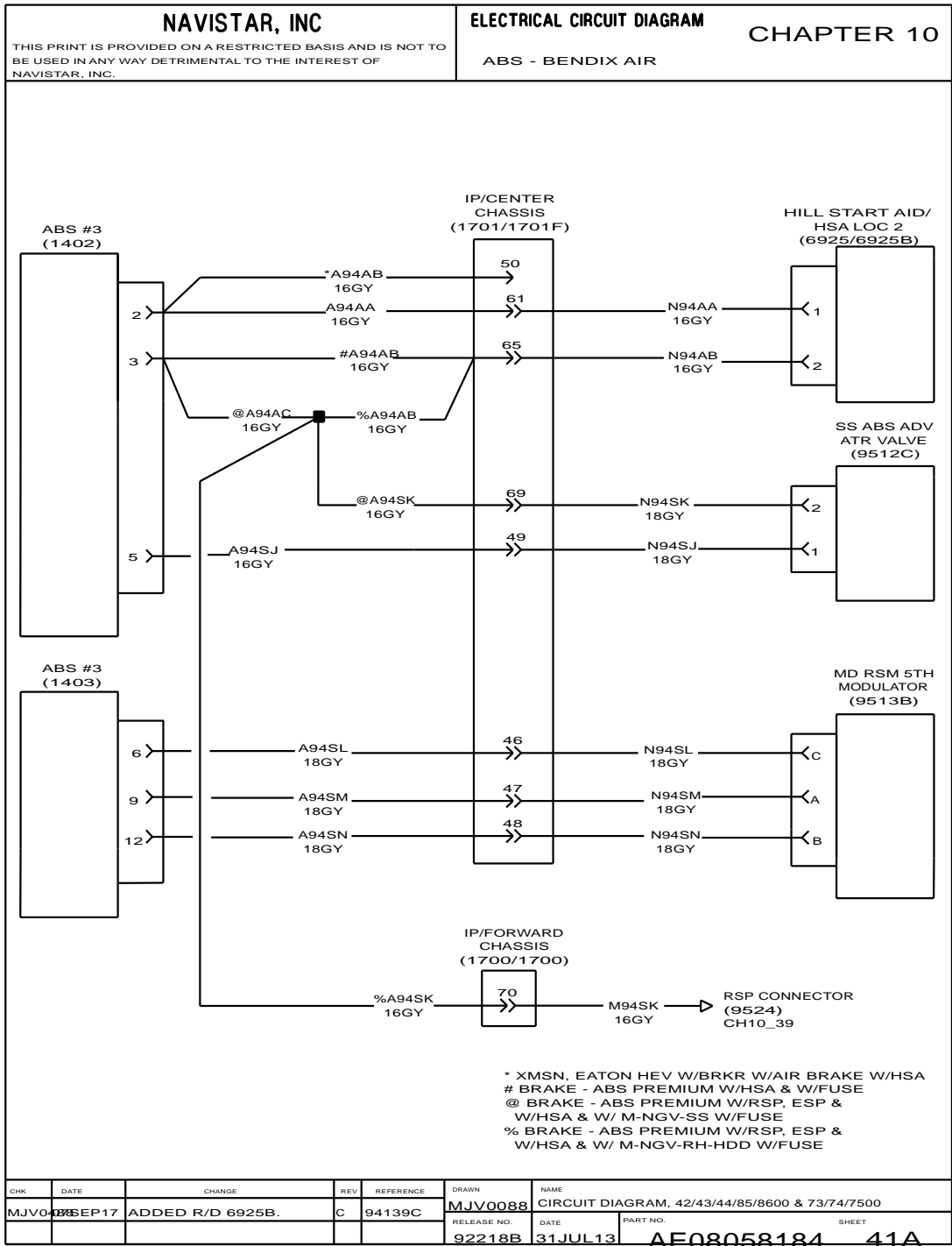


Figure 482 ABS – Bendix Air (Cont.)

10.75. TRANSFER CASE EFFECTS, P. 42

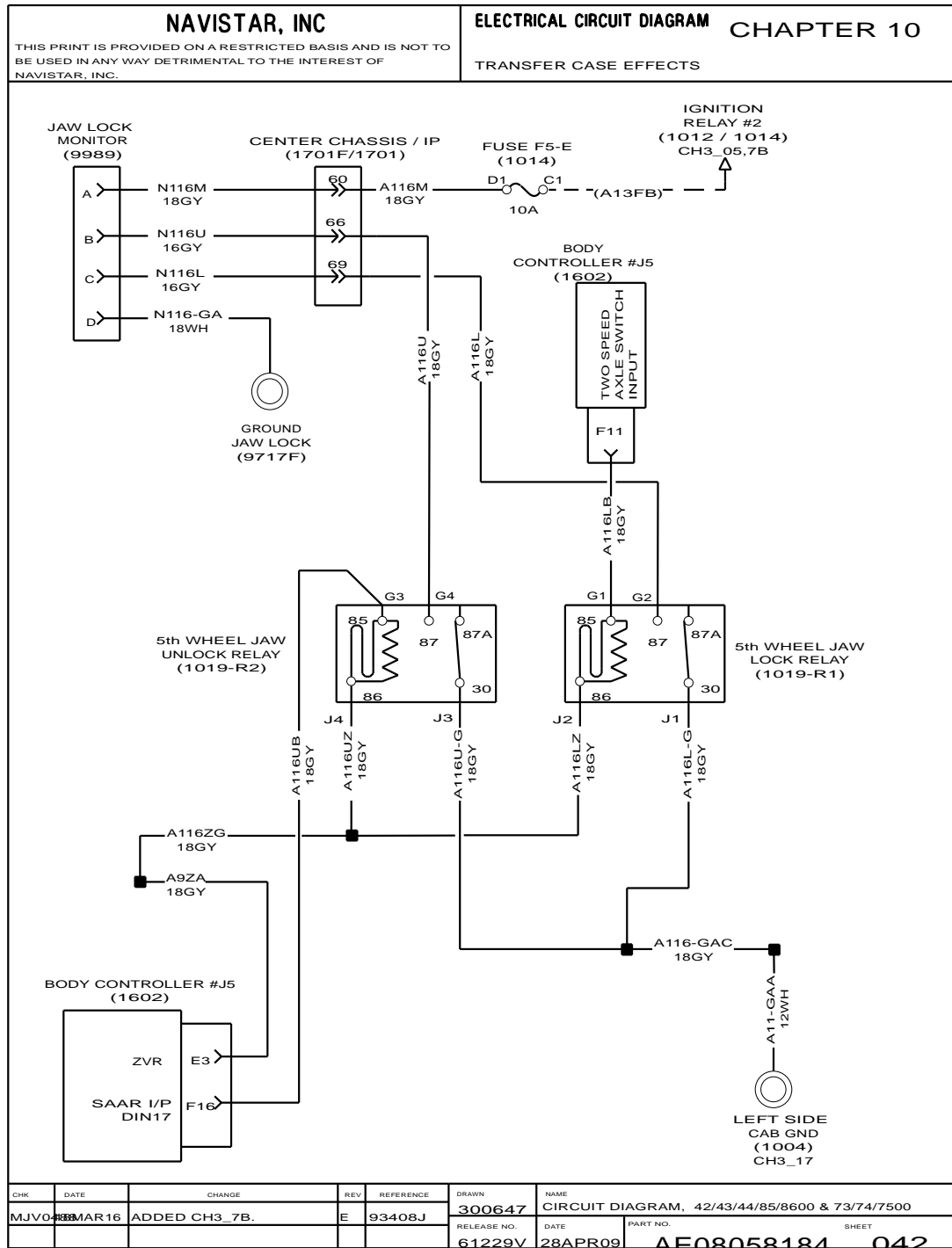


Figure 483 Transfer Case Effects

10.76. TRANSFER CASE EFFECTS (CONT.), P. 43

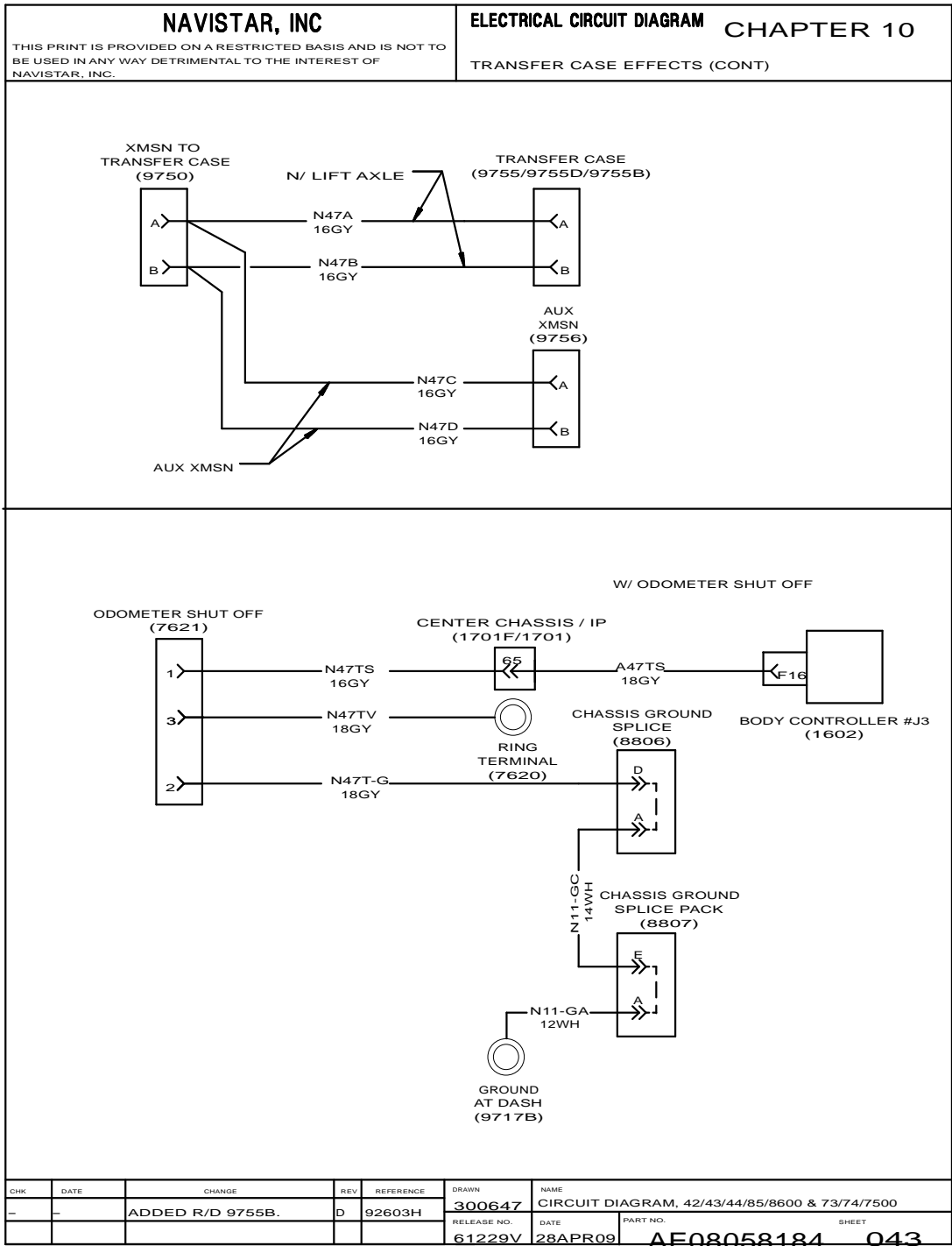


Figure 484 Transfer Case Effects (Cont.)

10.77. REMOTE START / STOP, P. 44

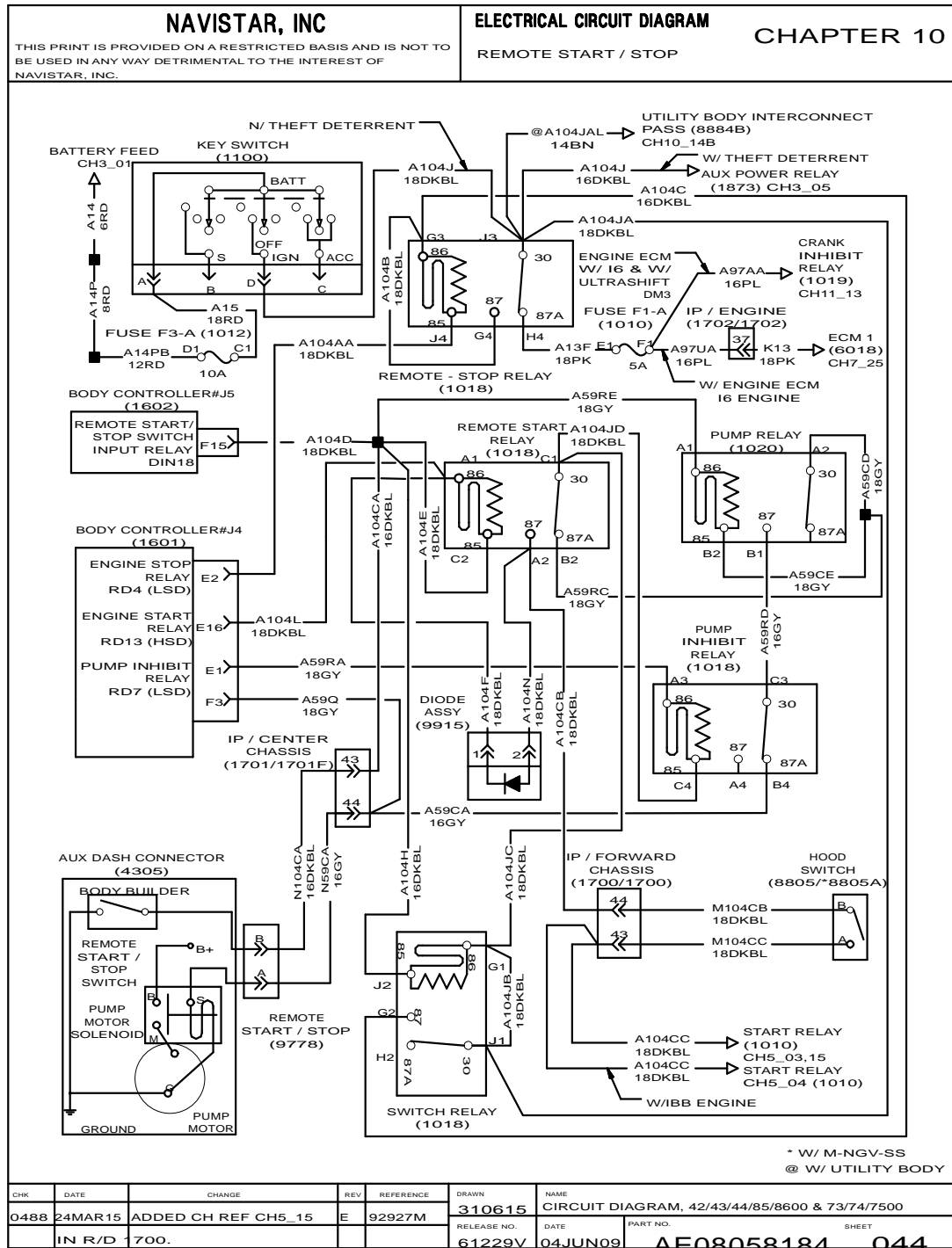


Figure 485 Remote Start / Stop

10.78. AUXILIARY AND POWER SOURCE, P. 45

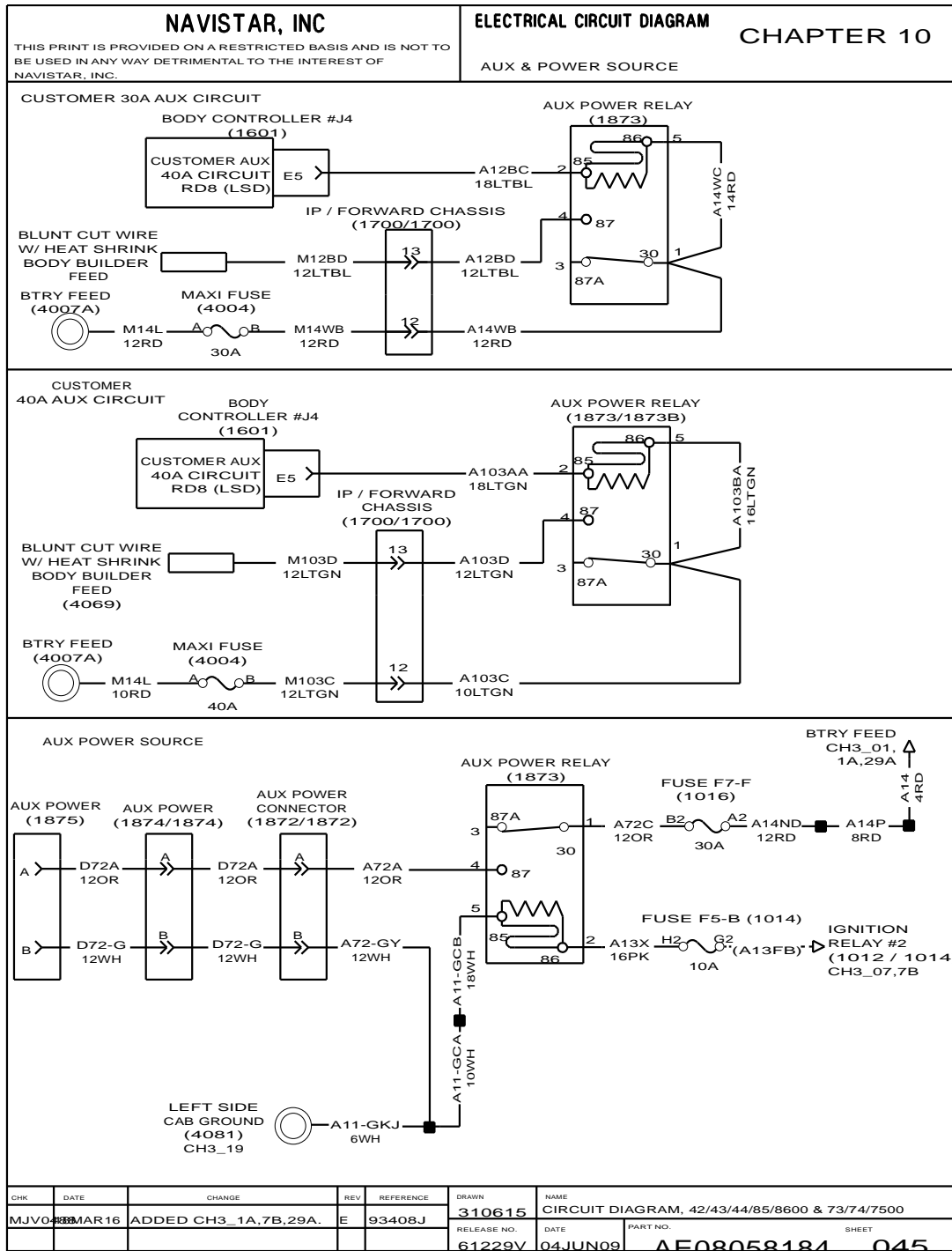


Figure 486 Auxiliary and Power Source

10.79. ABS – BENDIX AIR 6S / 6M, P. 46

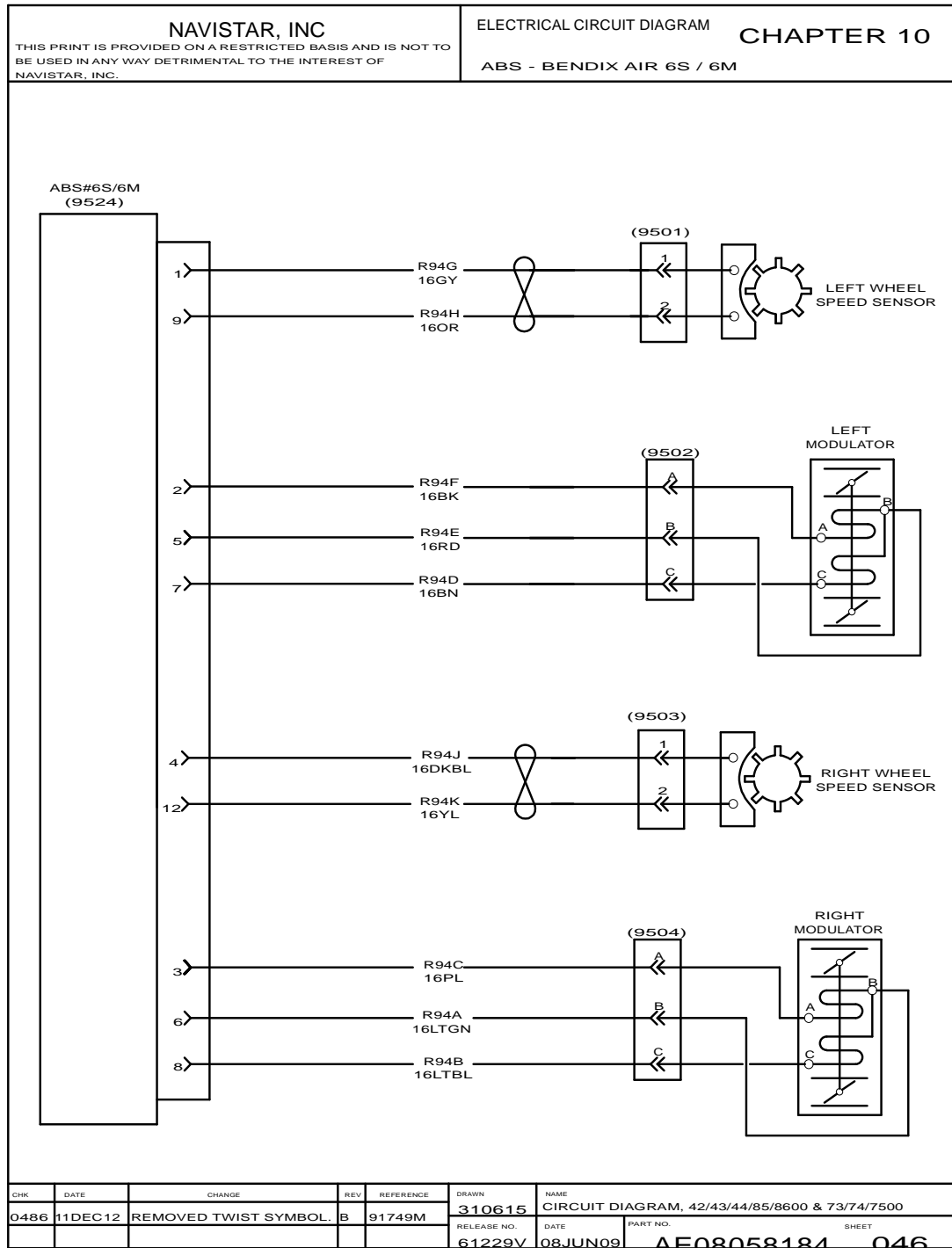


Figure 487 ABS – Bendix Air 6S / 6M

10.80. ABS – BENDIX AIR 6S / 6M (CONT.), P. 46A

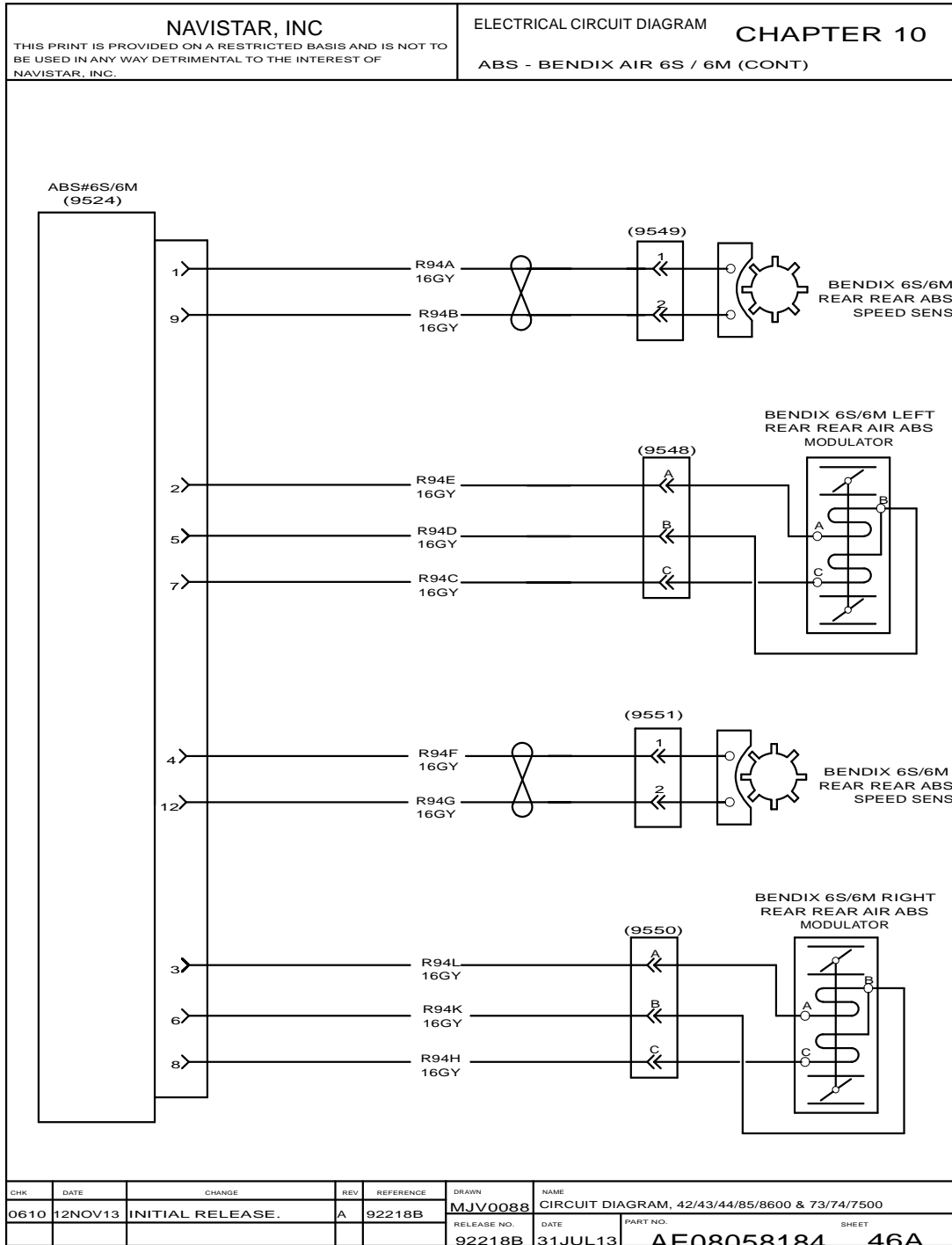


Figure 488 ABS – Bendix Air 6S / 6M (Cont.)

10.81. ABS – BENDIX AIR 6S / 6M (CONT.), P. 47

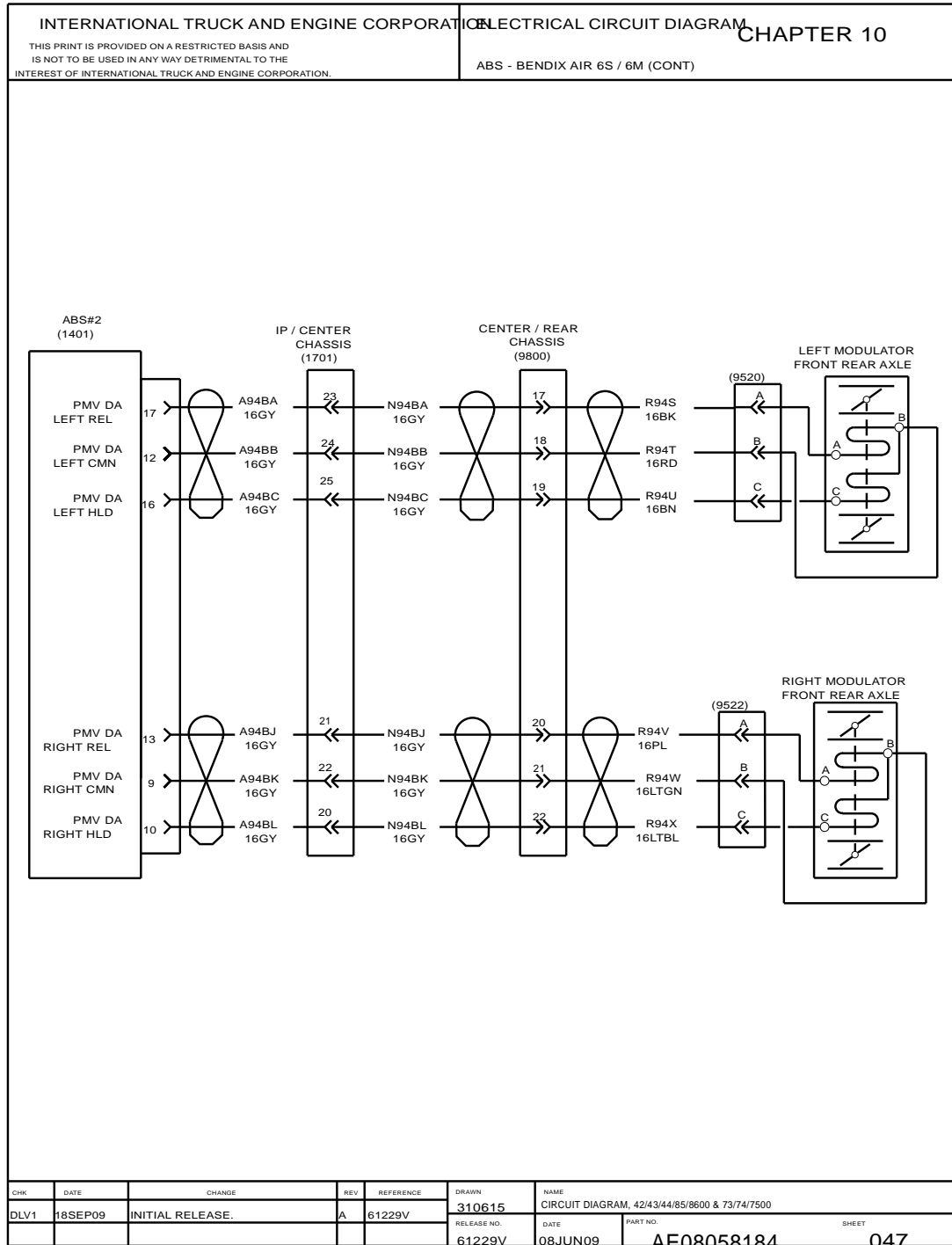


Figure 489 ABS – Bendix Air 6S / 6M (Cont.)

10.82. AC CONDENSER EFFECTS, P. 48

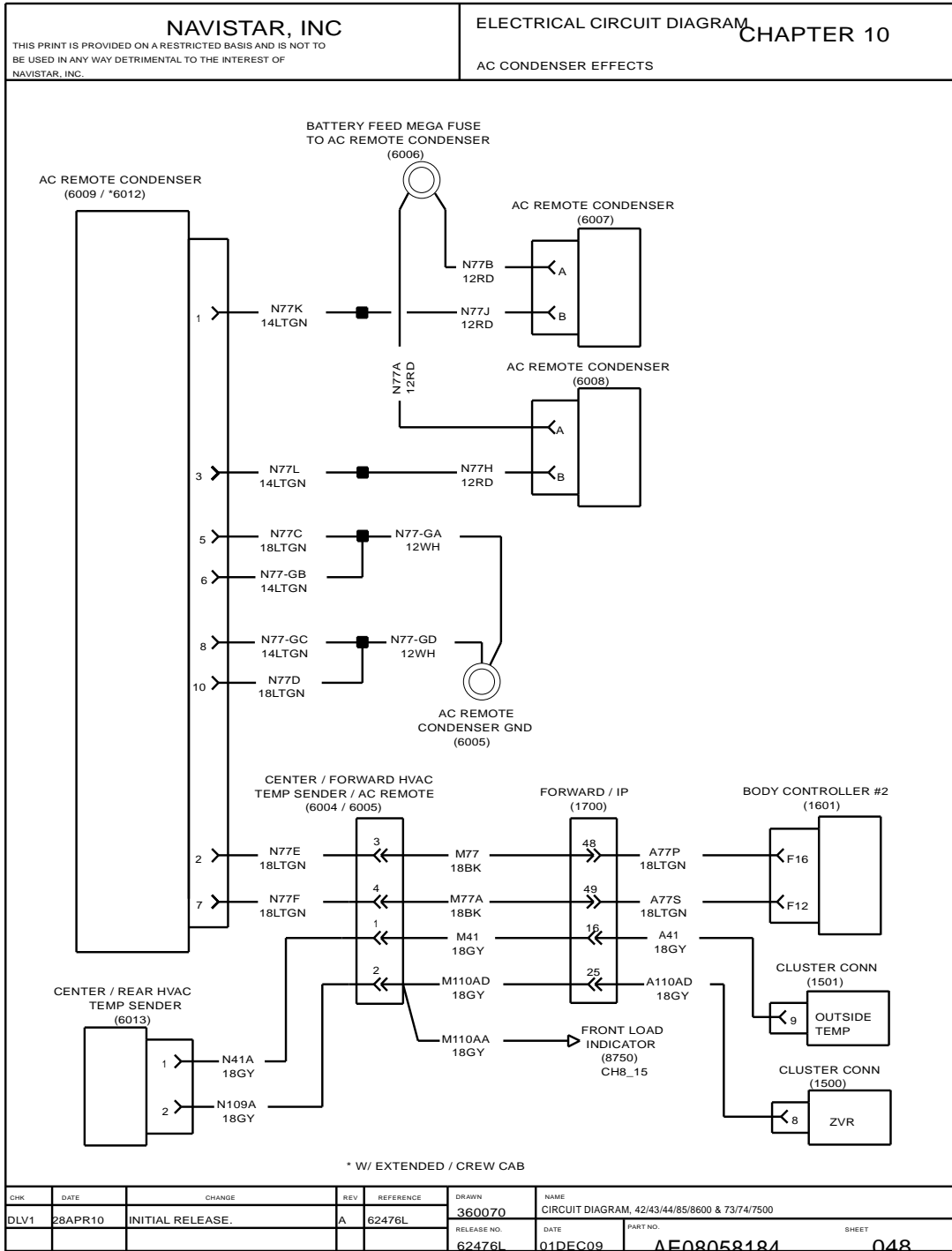


Figure 490 AC Condenser Effects

10.83. AC CONDENSER EFFECTS (CONT.), P. 48A

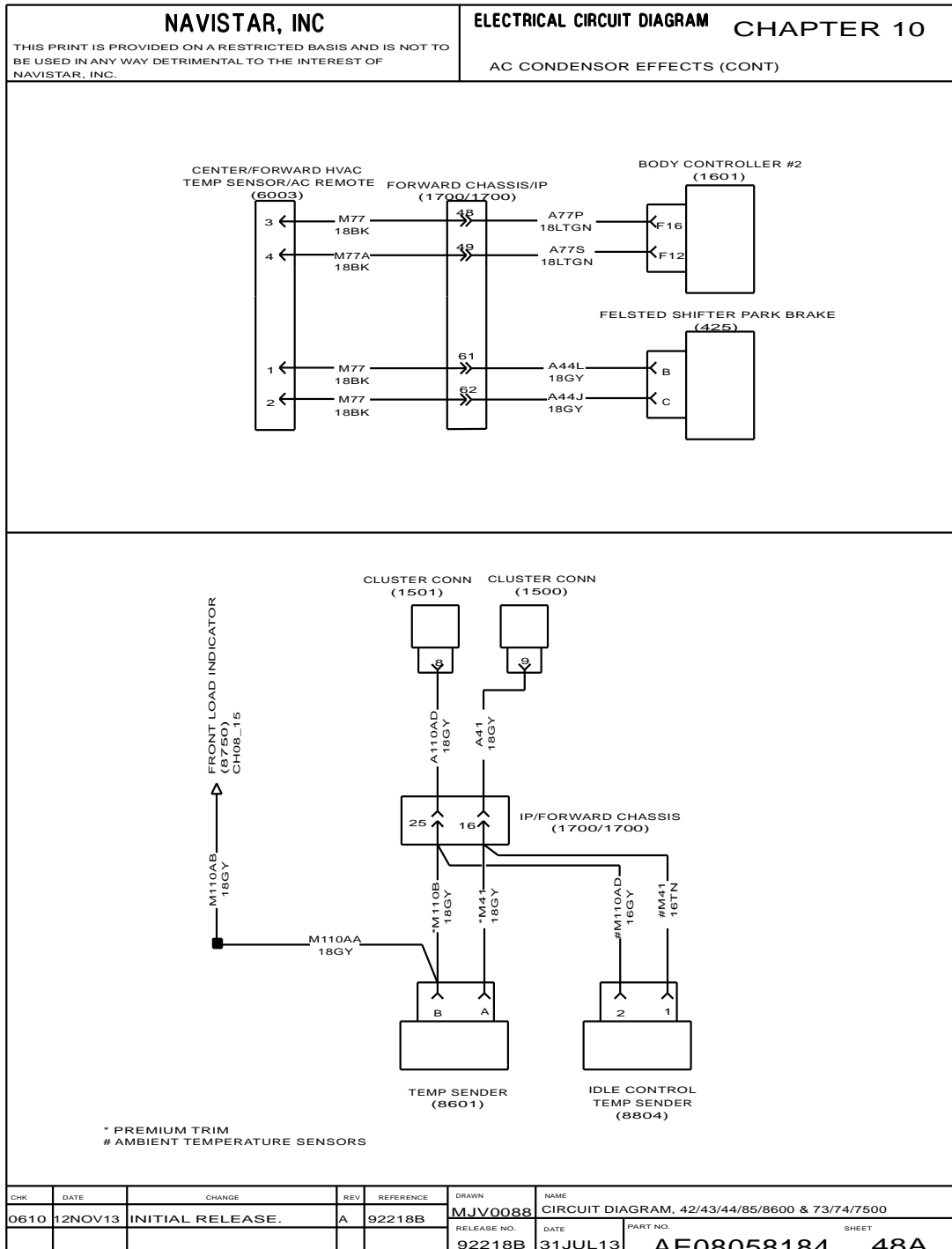


Figure 491 AC Condenser Effects (Cont.)

10.84. PRESSURE SWITCH, P. 49

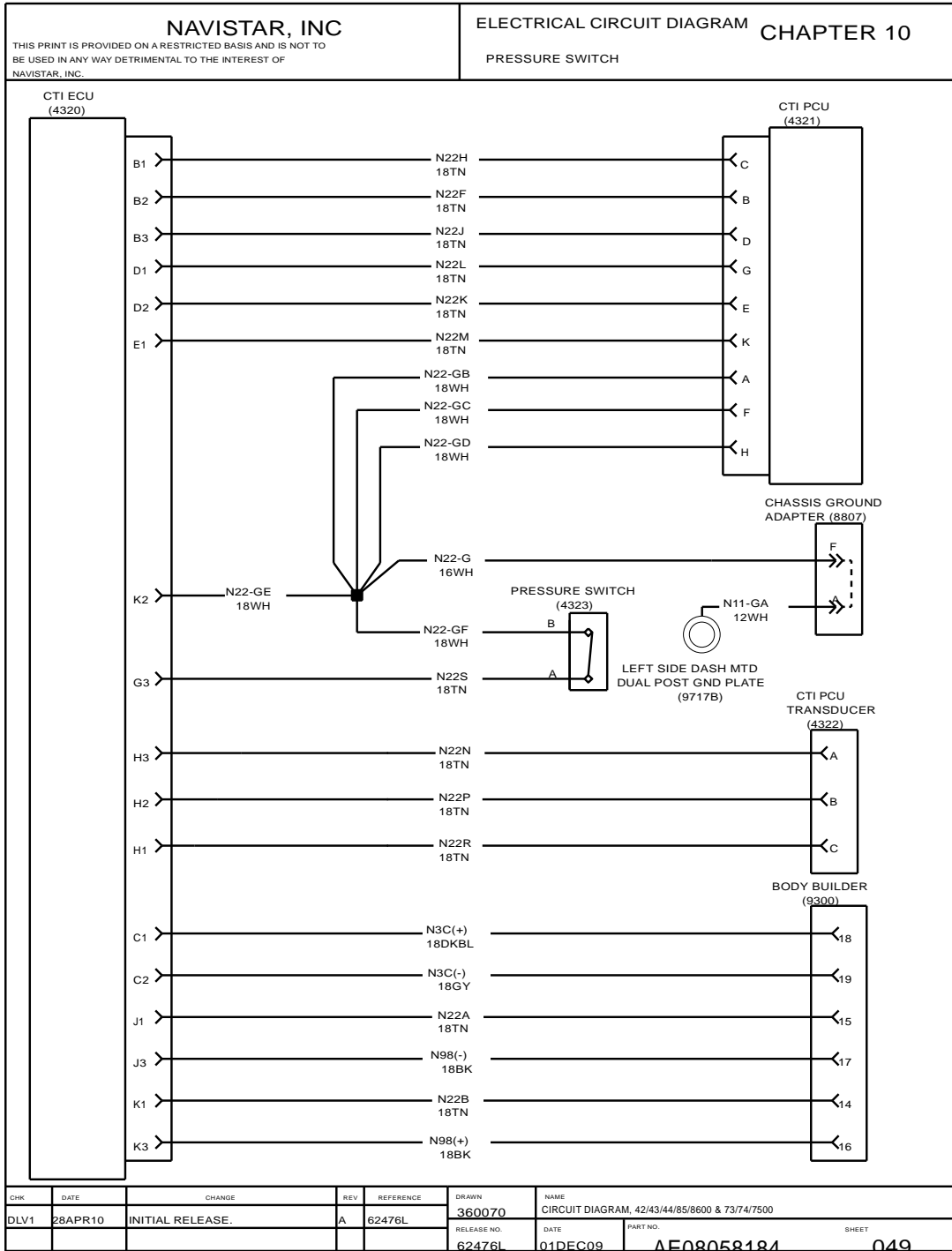


Figure 492 Pressure Switch

10.85. TSS POWER, P. 50

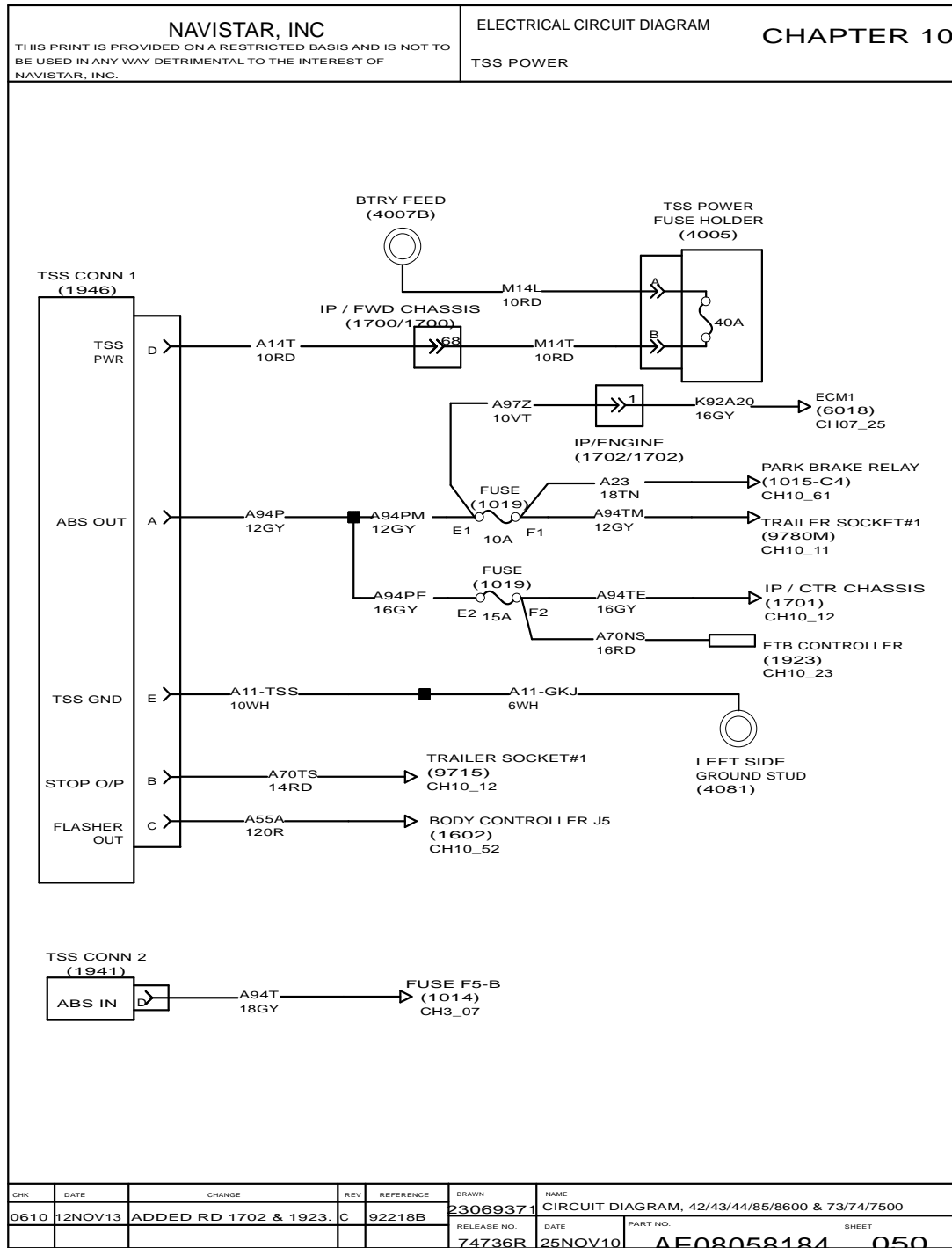


Figure 493 TSS Power

10.86. TSS SWITCH INPUT, P. 51

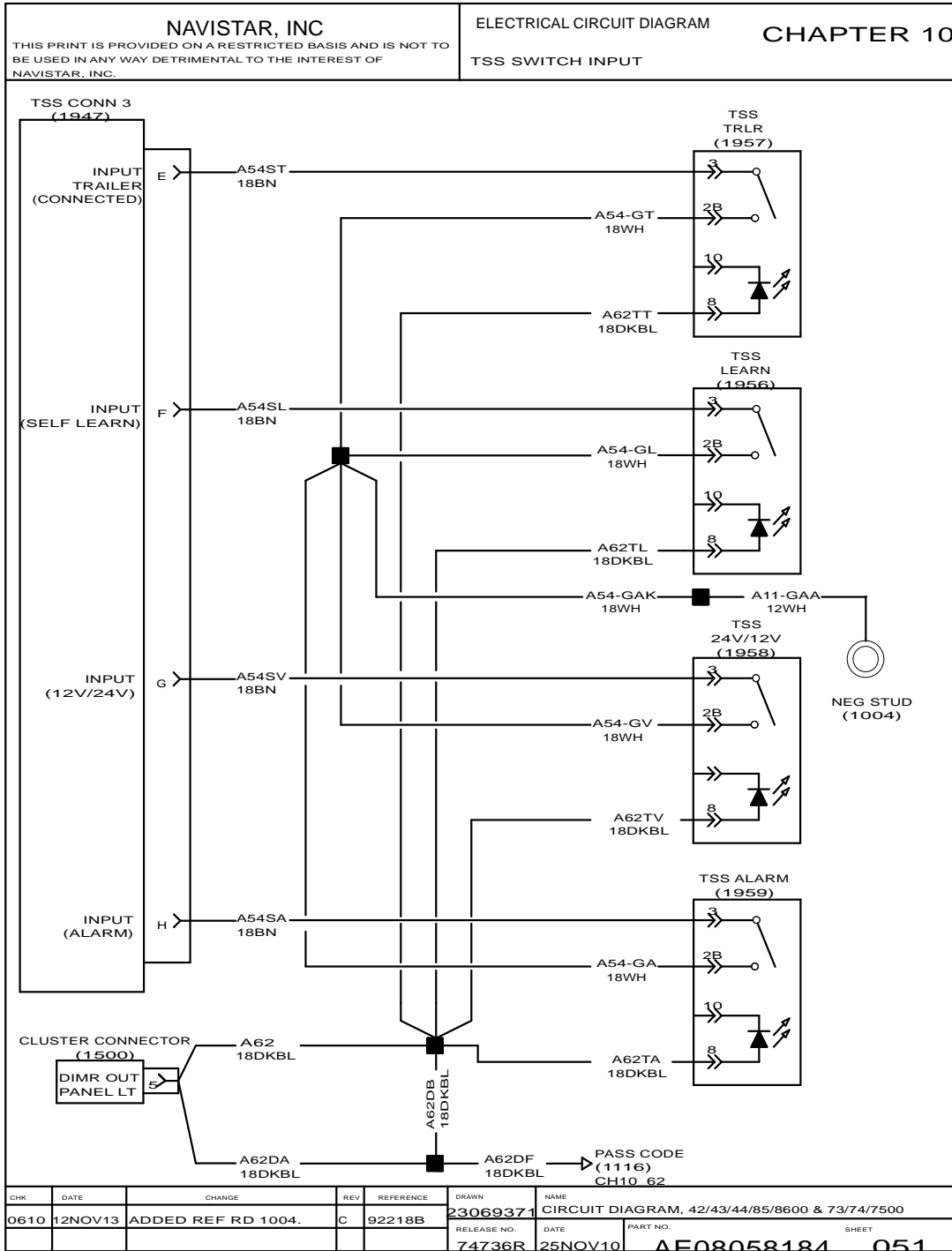


Figure 494 TSS Switch Input

10.87. TSS TURN LIGHT, P. 52

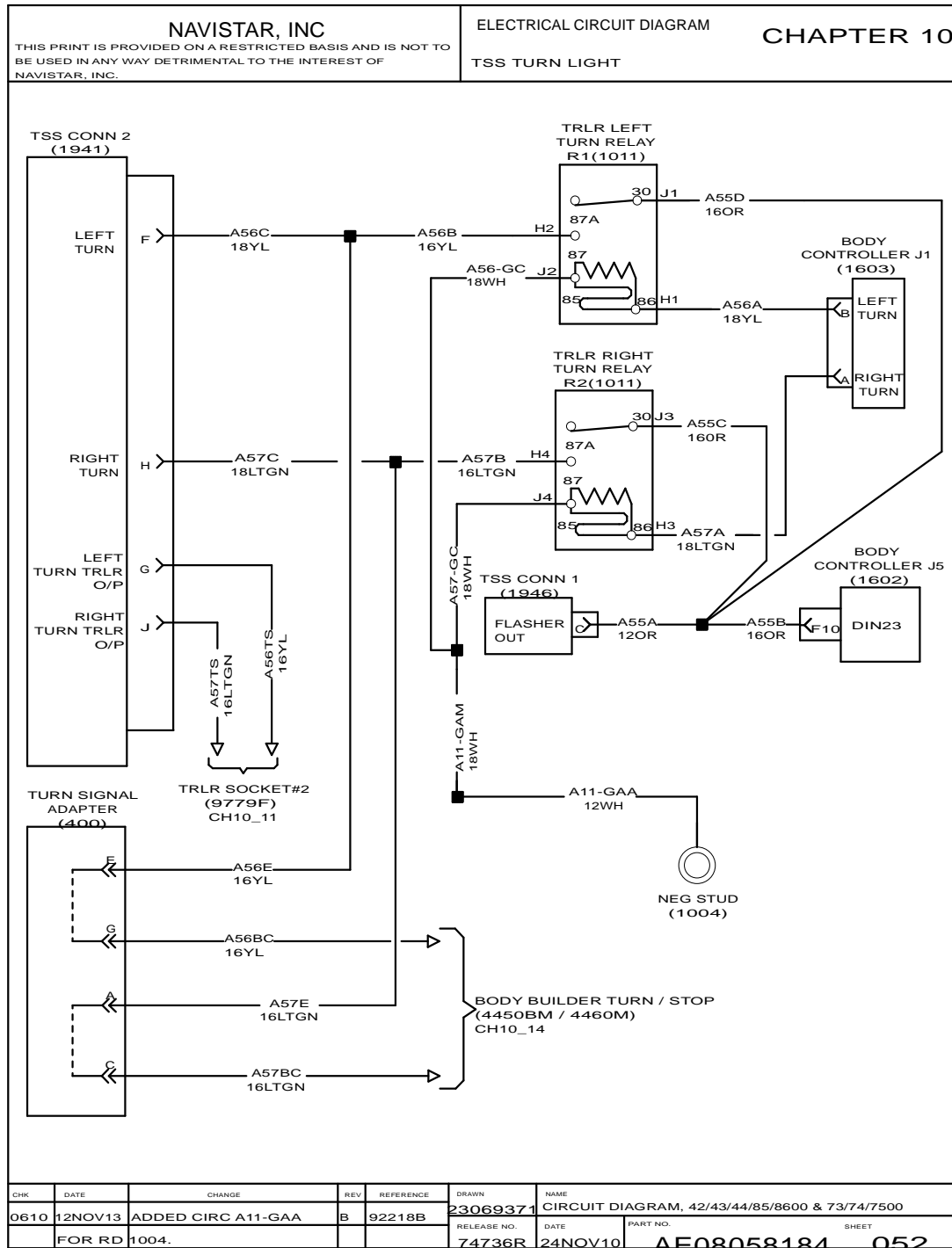


Figure 495 TSS Turn Light

10.88. TSS STOP, TAIL AND MARKER LIGHT, P. 53

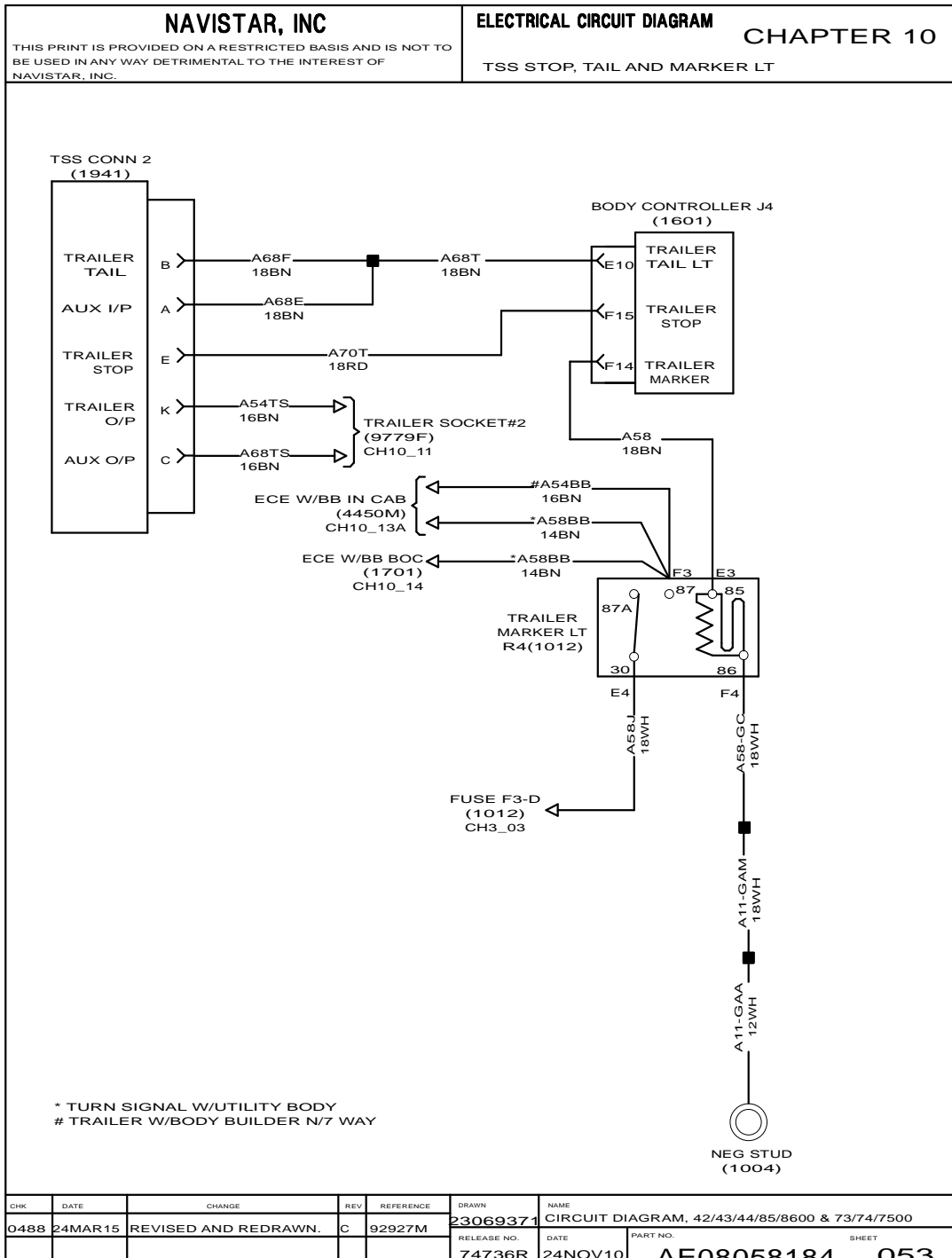


Figure 496 TSS Stop, Tail and Marker Light

10.89. ABS – WABCO AIR 6S / 6M (6X4), P. 54

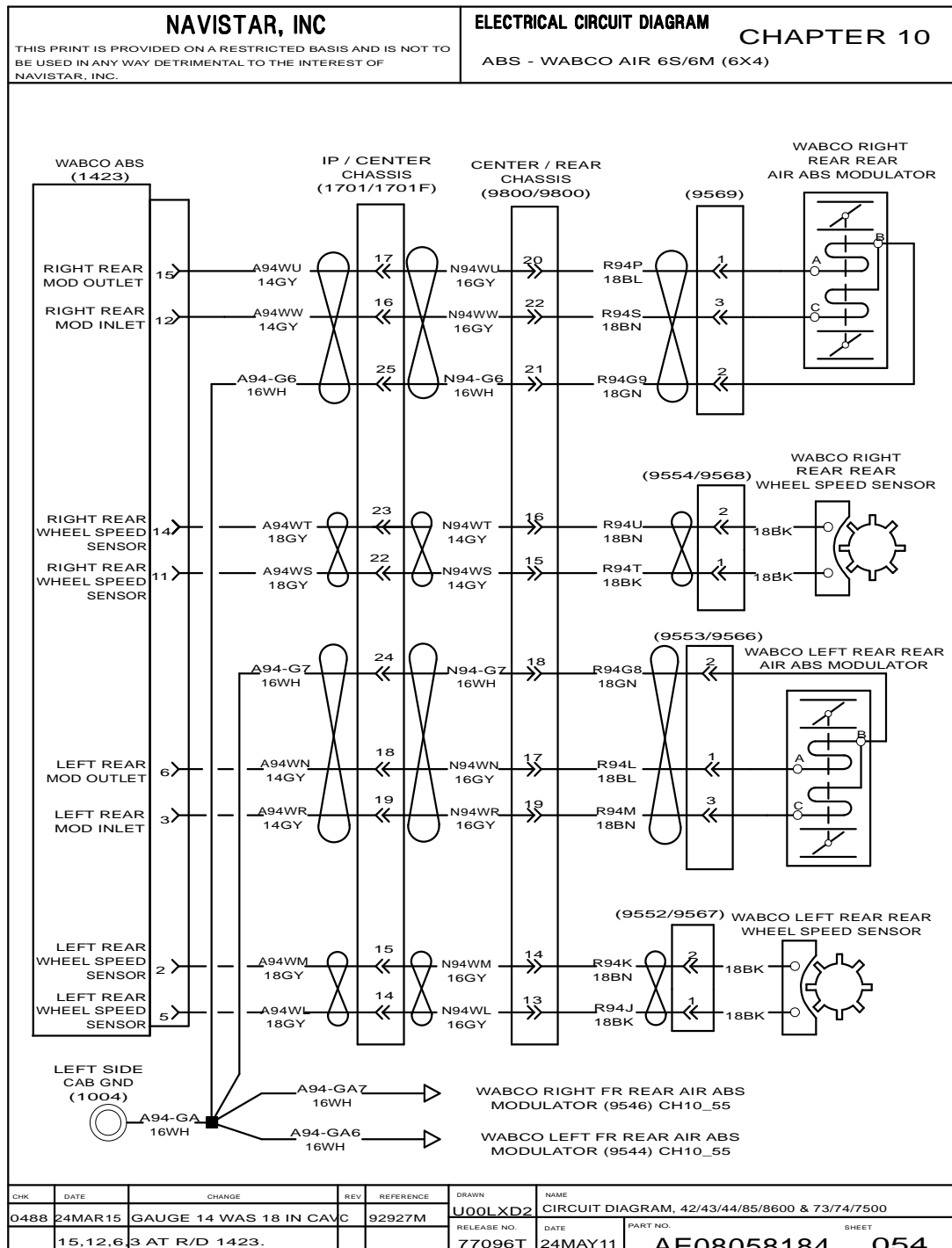


Figure 497 ABS – WABCO Air 6S / 6M (6X4)

10.90. ABS – WABCO AIR 6S / 6M (6X4) (CONT.), P. 55

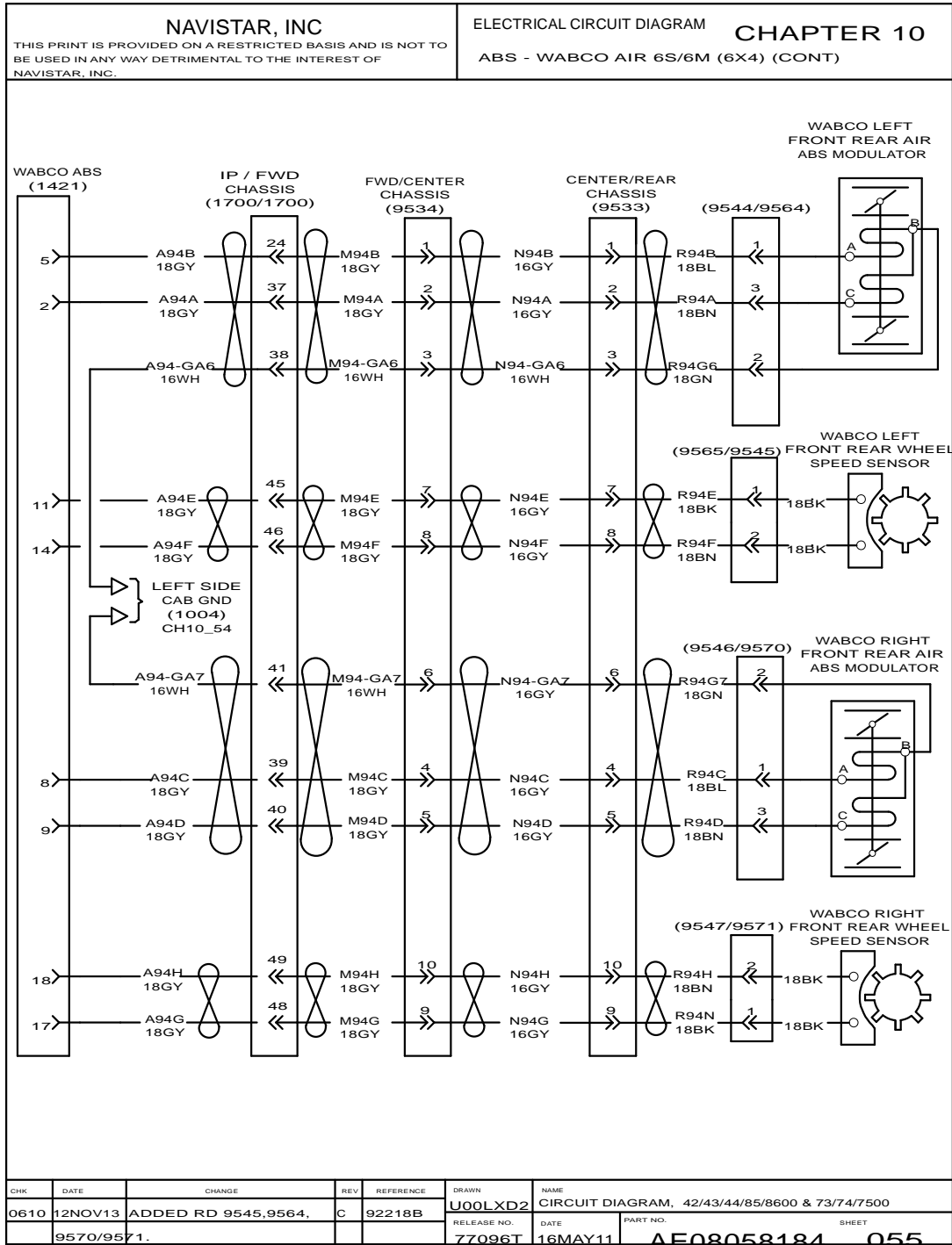


Figure 498 ABS – WABCO Air 6S/6M (6X4) (Cont.)

10.91. ABS – BENDIX AIR 6S / 6M (6X4), P. 56

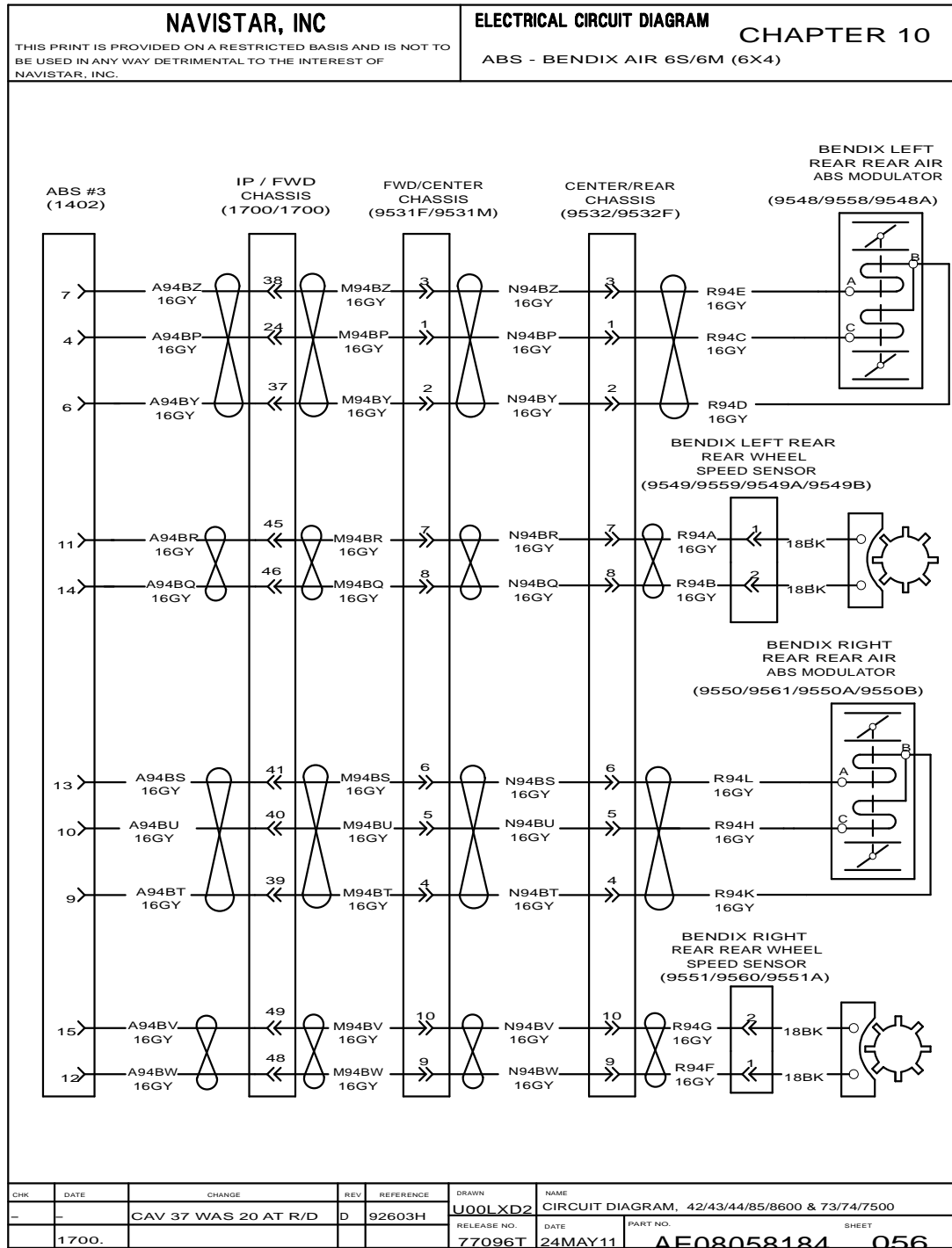


Figure 499 ABS – Bendix Air 6S / 6M (6X4)

10.92. ABS – BENDIX AIR 6S / 6M (6X4) (CONT.), P. 56A

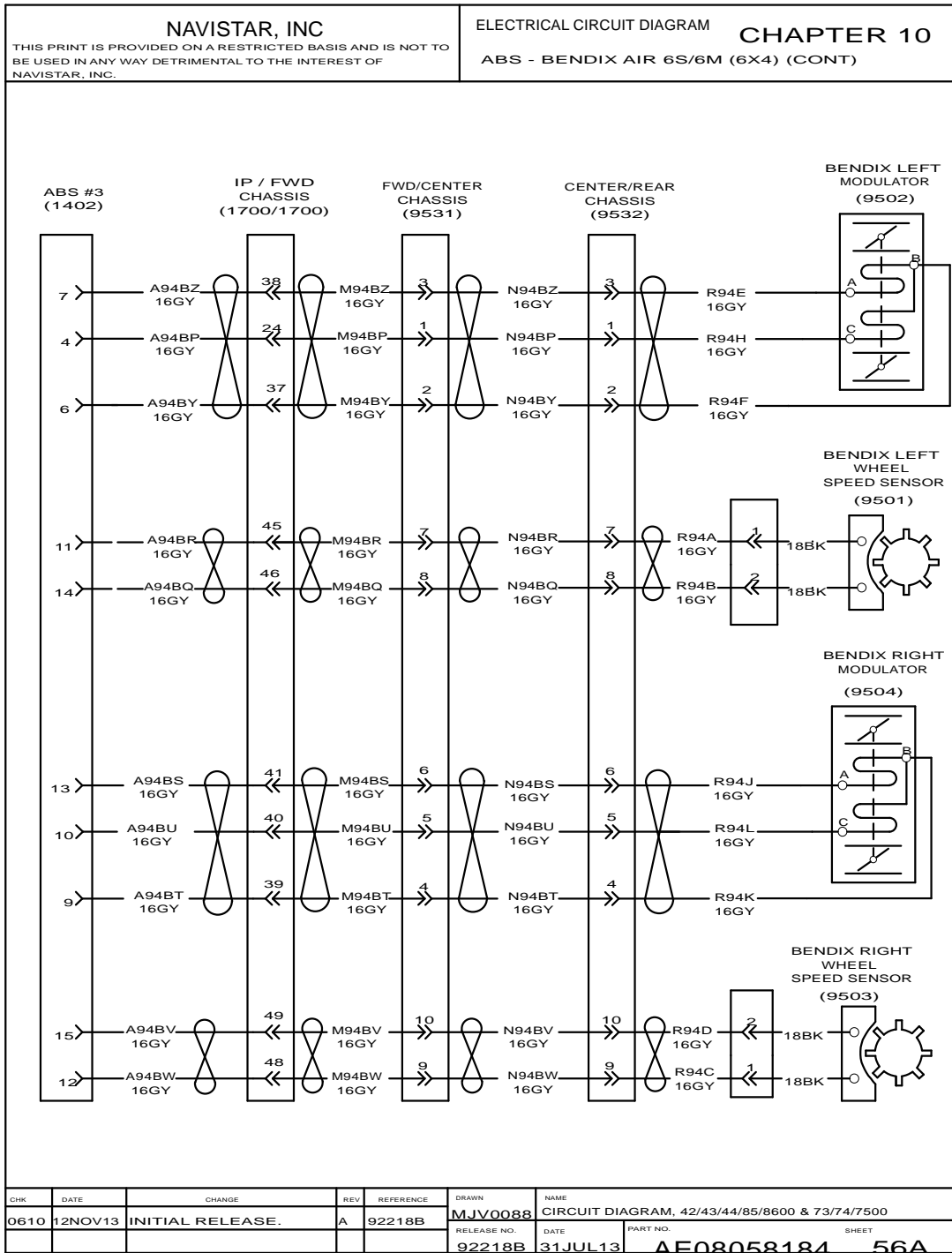


Figure 500 ABS – Bendix Air 6S / 6M (6X4) (Cont.)

10.93. ABS – BENDIX AIR 6S / 6M (6X4) (CONT.), P. 57

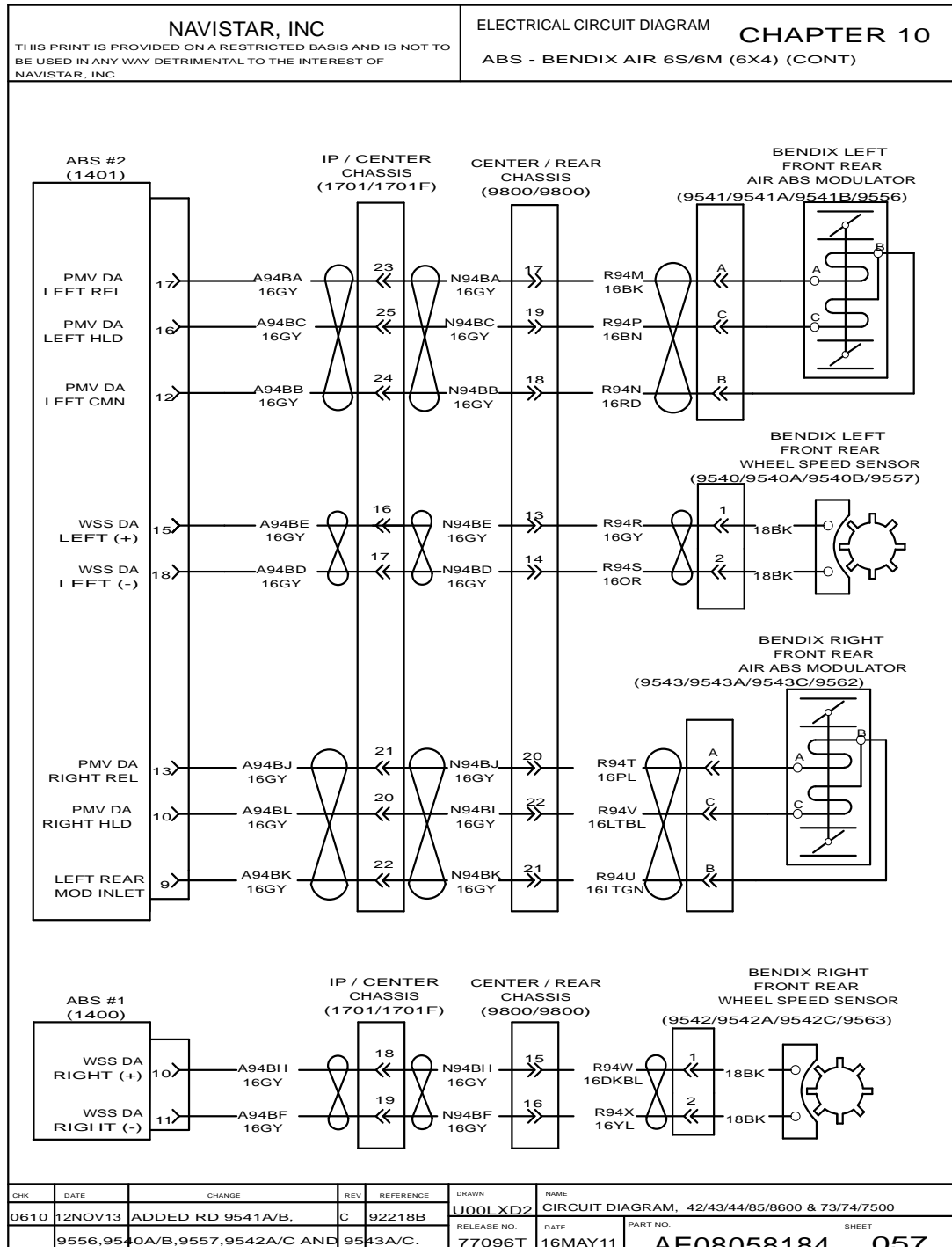


Figure 501 ABS – Bendix Air 6S / 6M (6X4) (Cont.)

10.94. ABS – BENDIX AIR 6S / 6M (6X4) (CONT.), P. 57A

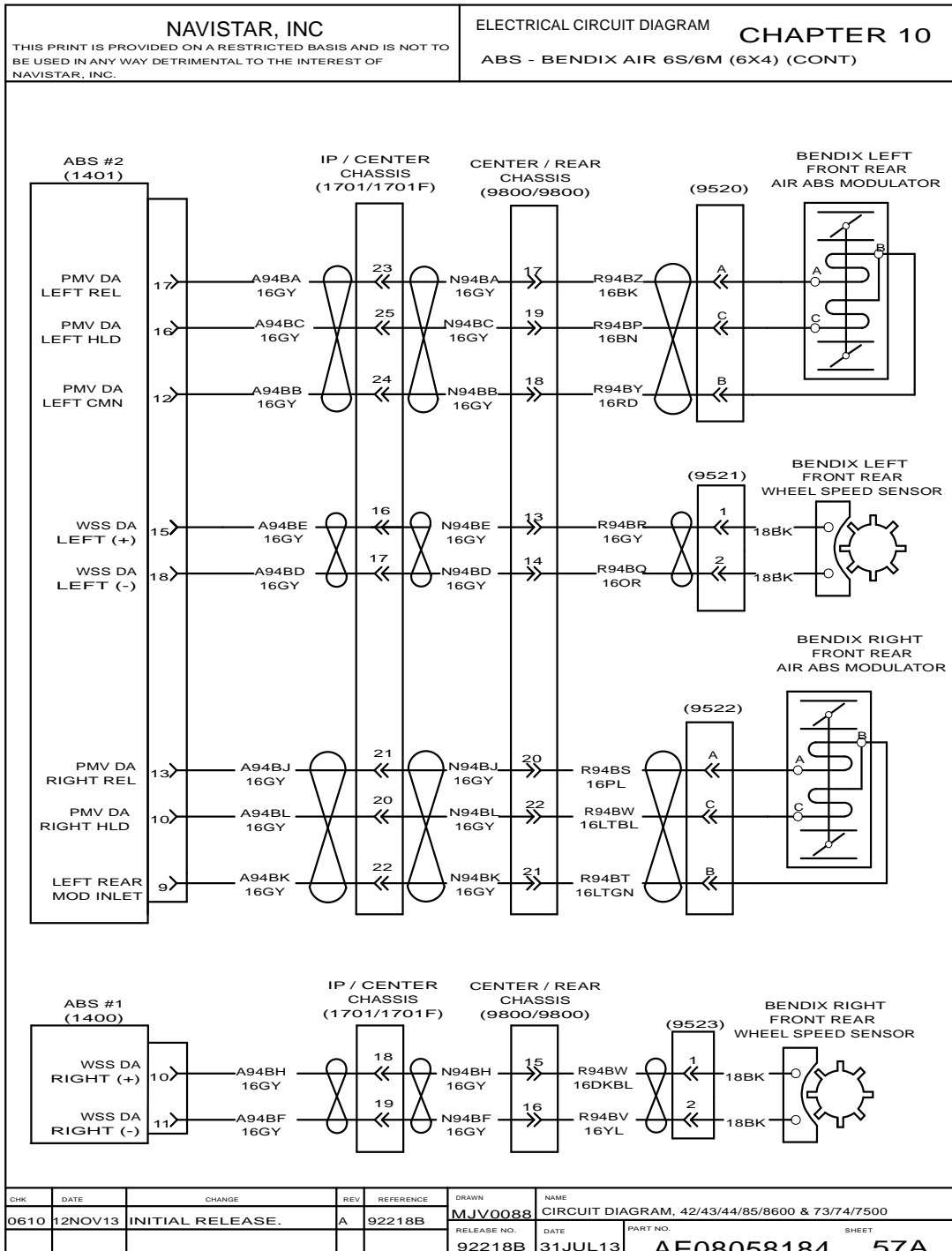


Figure 502 ABS – Bendix Air 6S / 6M (6X4) (Cont.)

10.95. SCR SYSTEM, P. 58

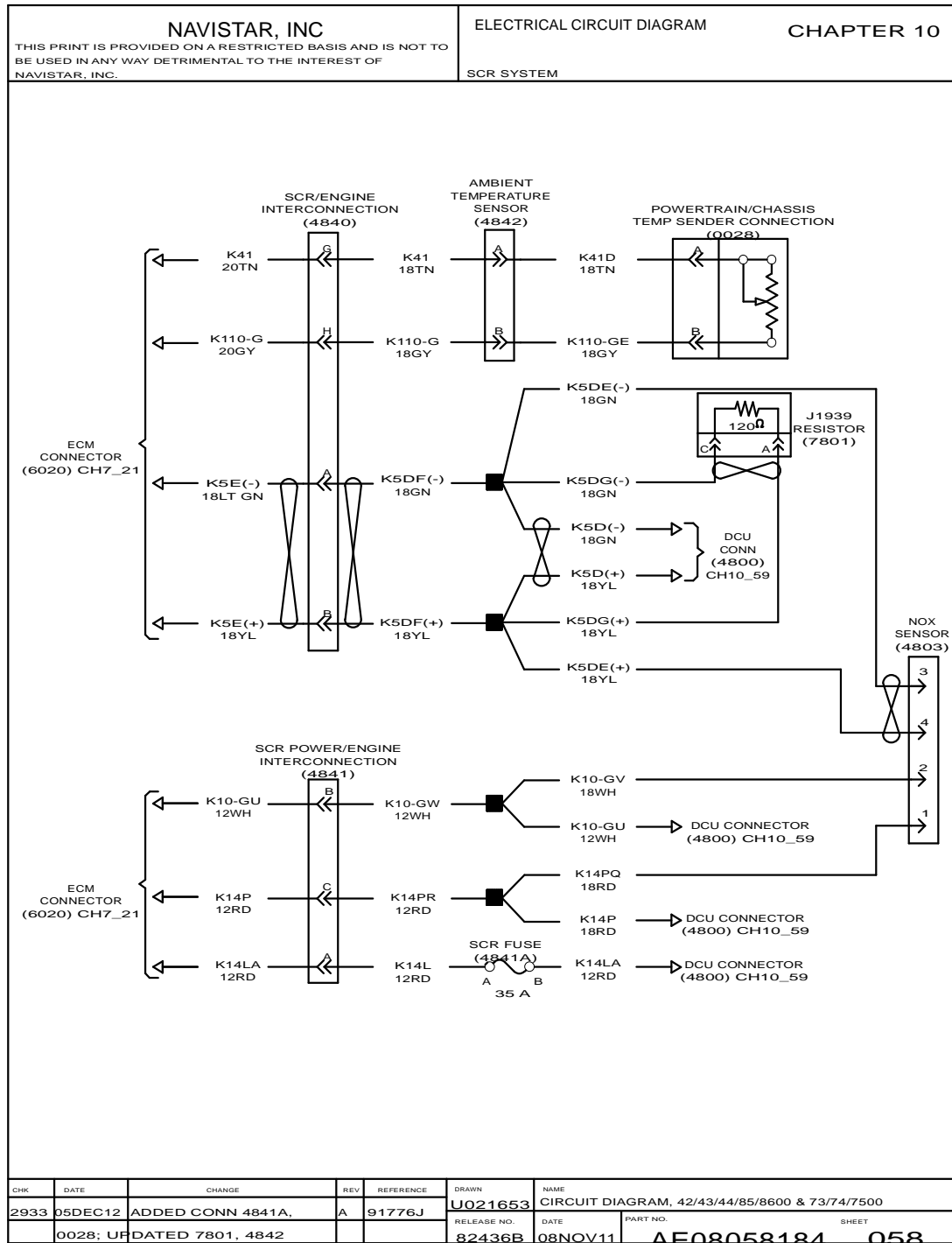


Figure 503 SCR System

10.96. SCR SYSTEM (CONT.), P. 59

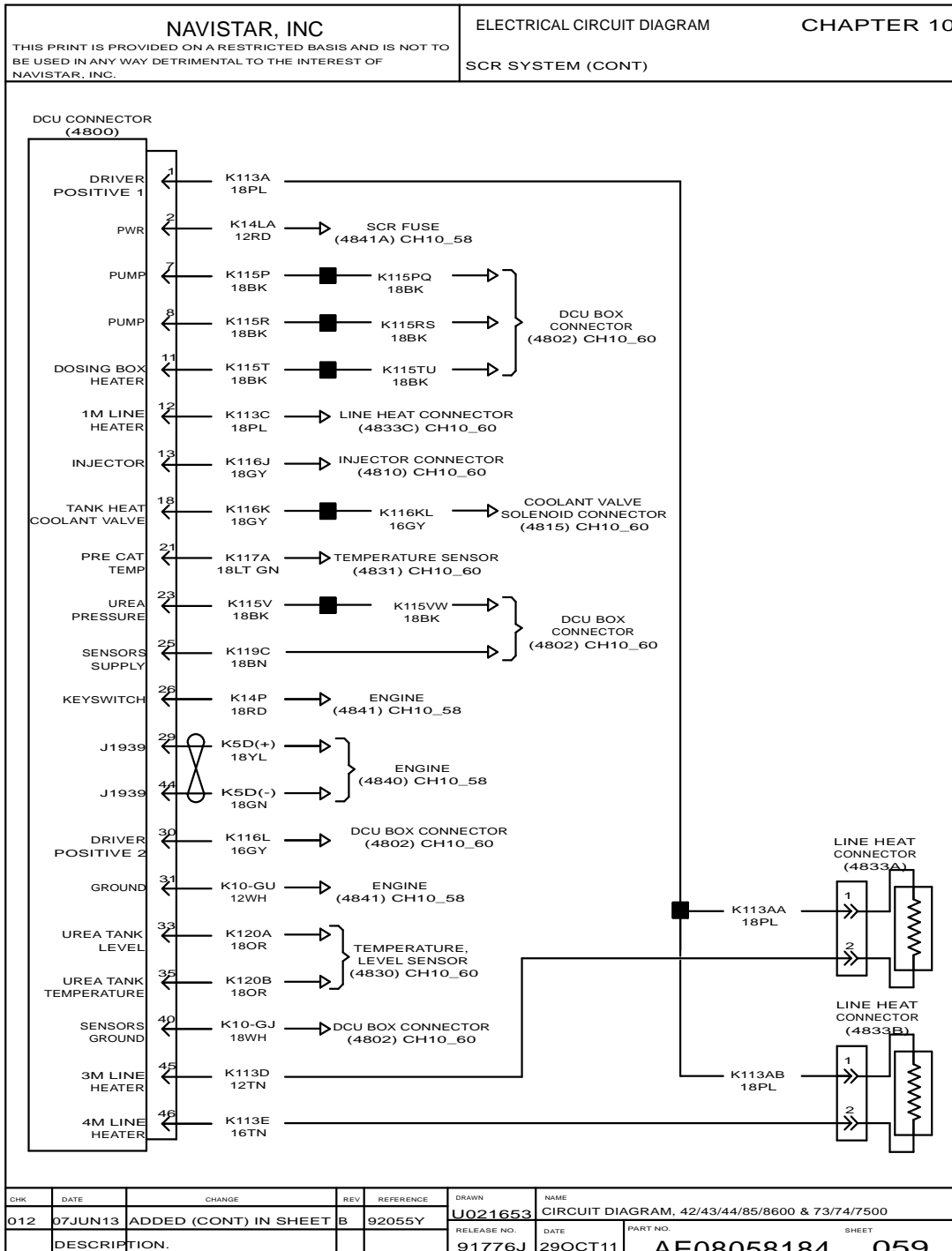


Figure 504 SCR System (Cont.)

10.97. SCR SYSTEM (CONT.), P. 60

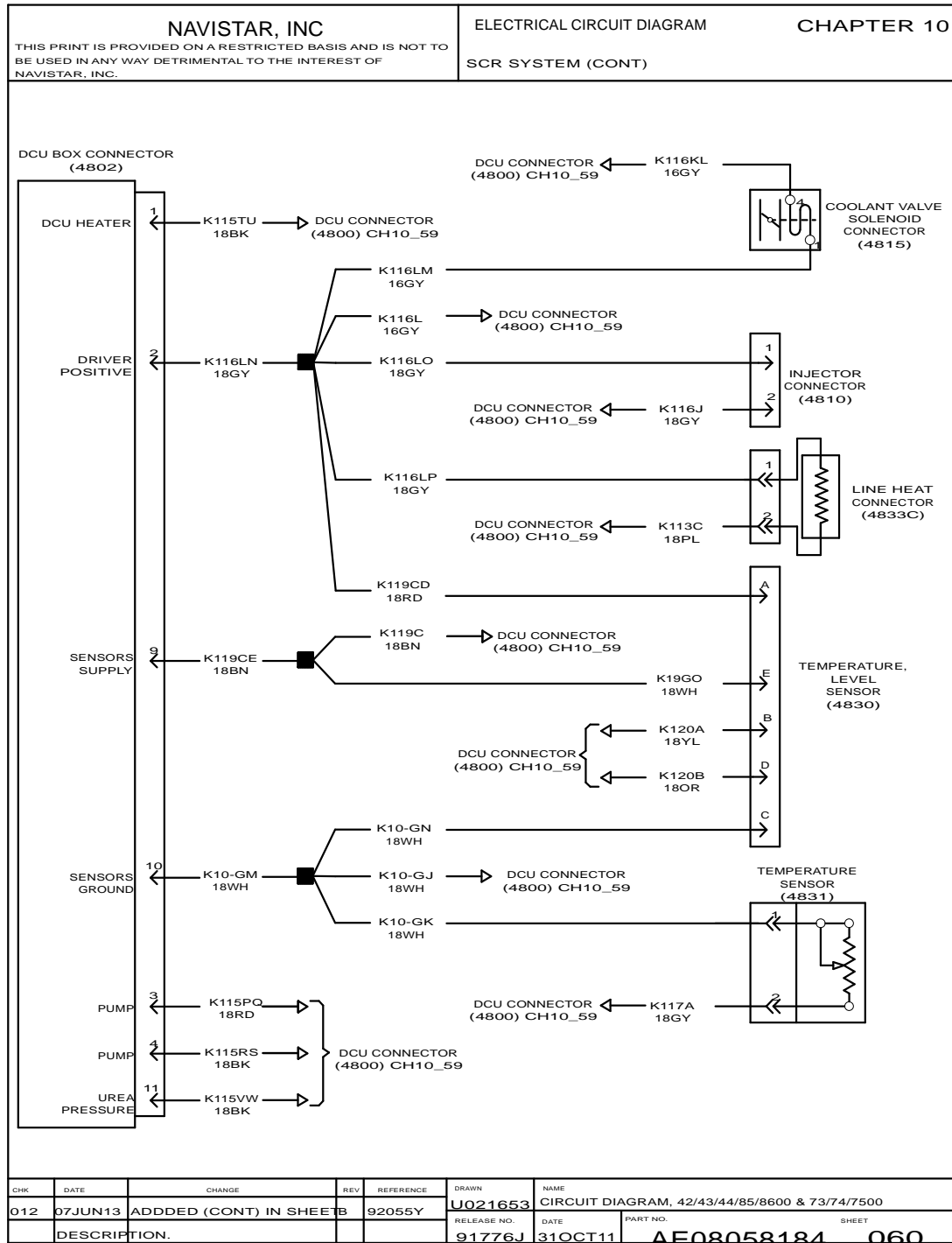


Figure 505 SCR System (Cont.)

10.98. LIFT AXLE – 6X2, P. 61

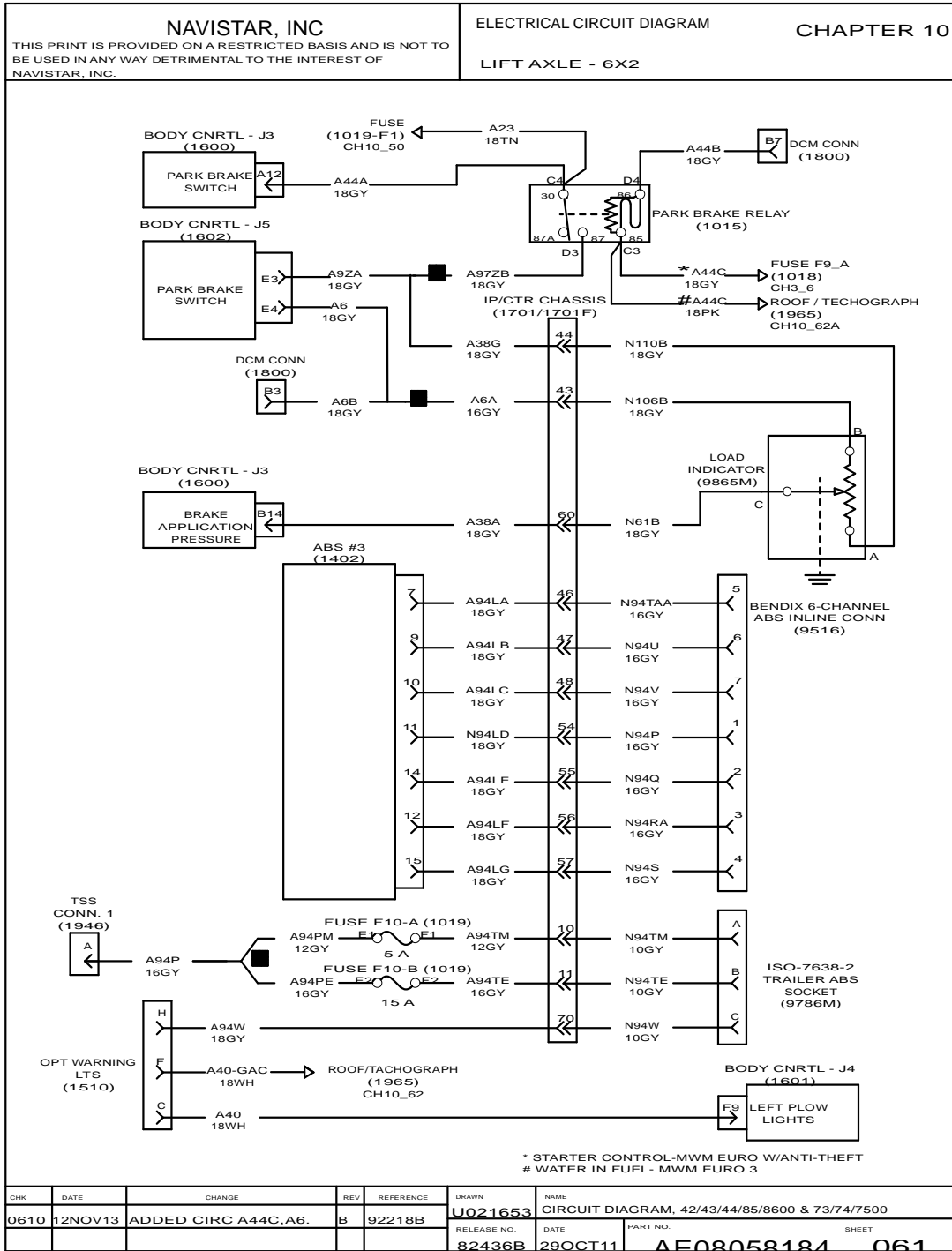


Figure 506 Lift Axle – 6X2

10.99. ANTI-THEFT SYSTEM WITH I6 ENGINE (0012NVM), P. 62

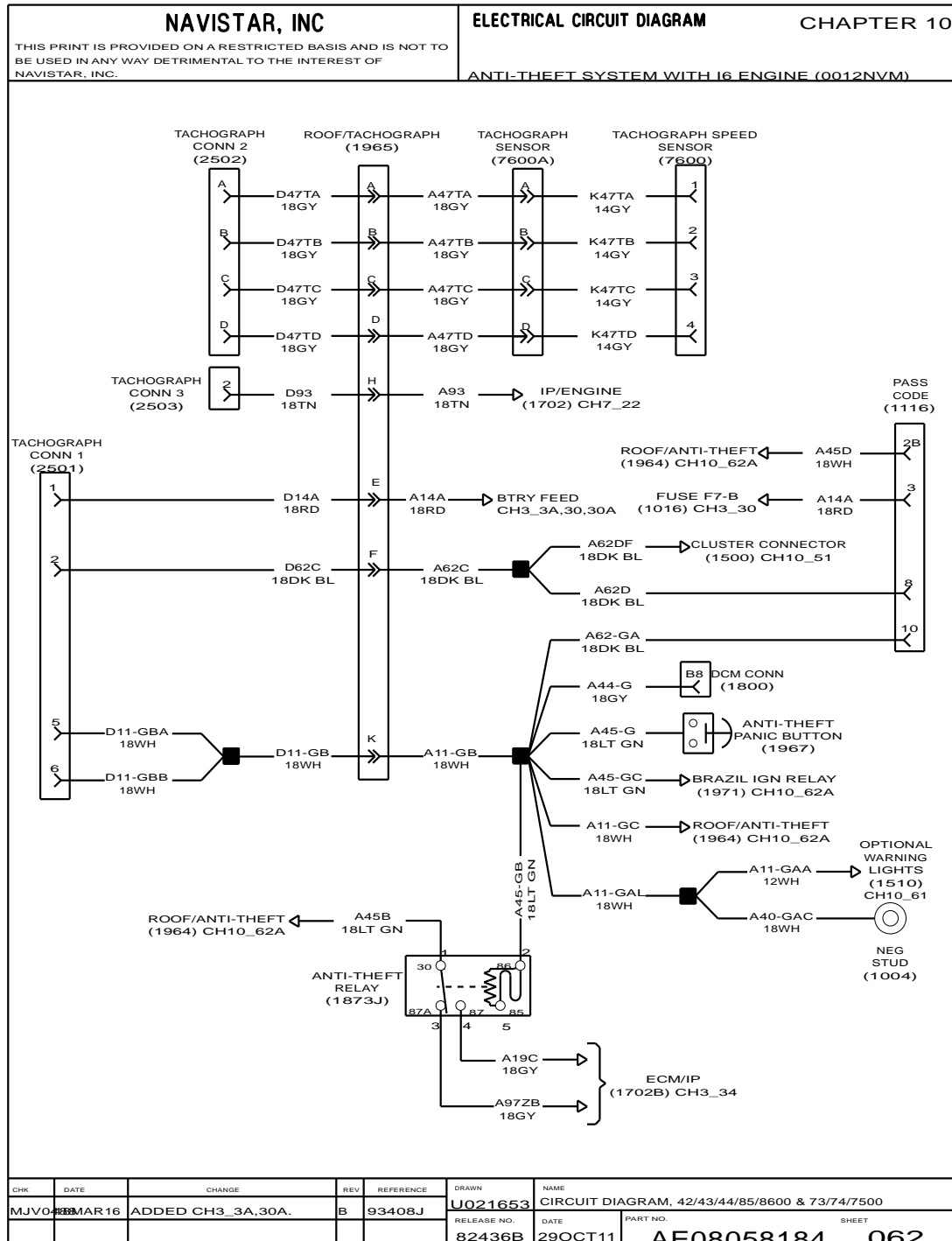


Figure 507 Anti-Theft System with I6 Engine (0012NVM)

10.100. ANTI-THEFT SYSTEM WITH I6 ENGINE (0012NVM), P. 62A

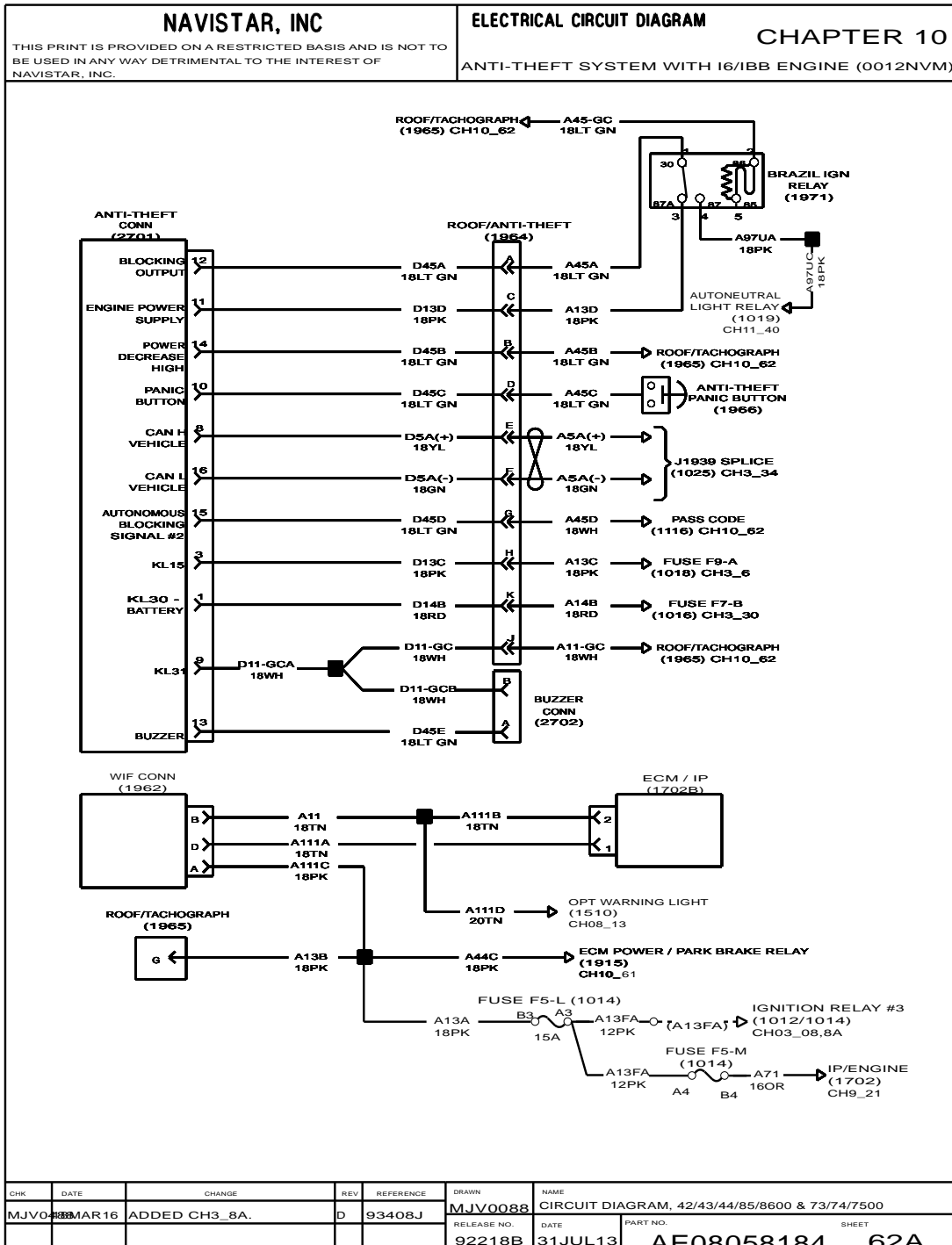


Figure 508 Anti-Theft System with I6 Engine (0012NVM)

10.101. DIAGNOSTIC FLASHER MODULE, P. 63

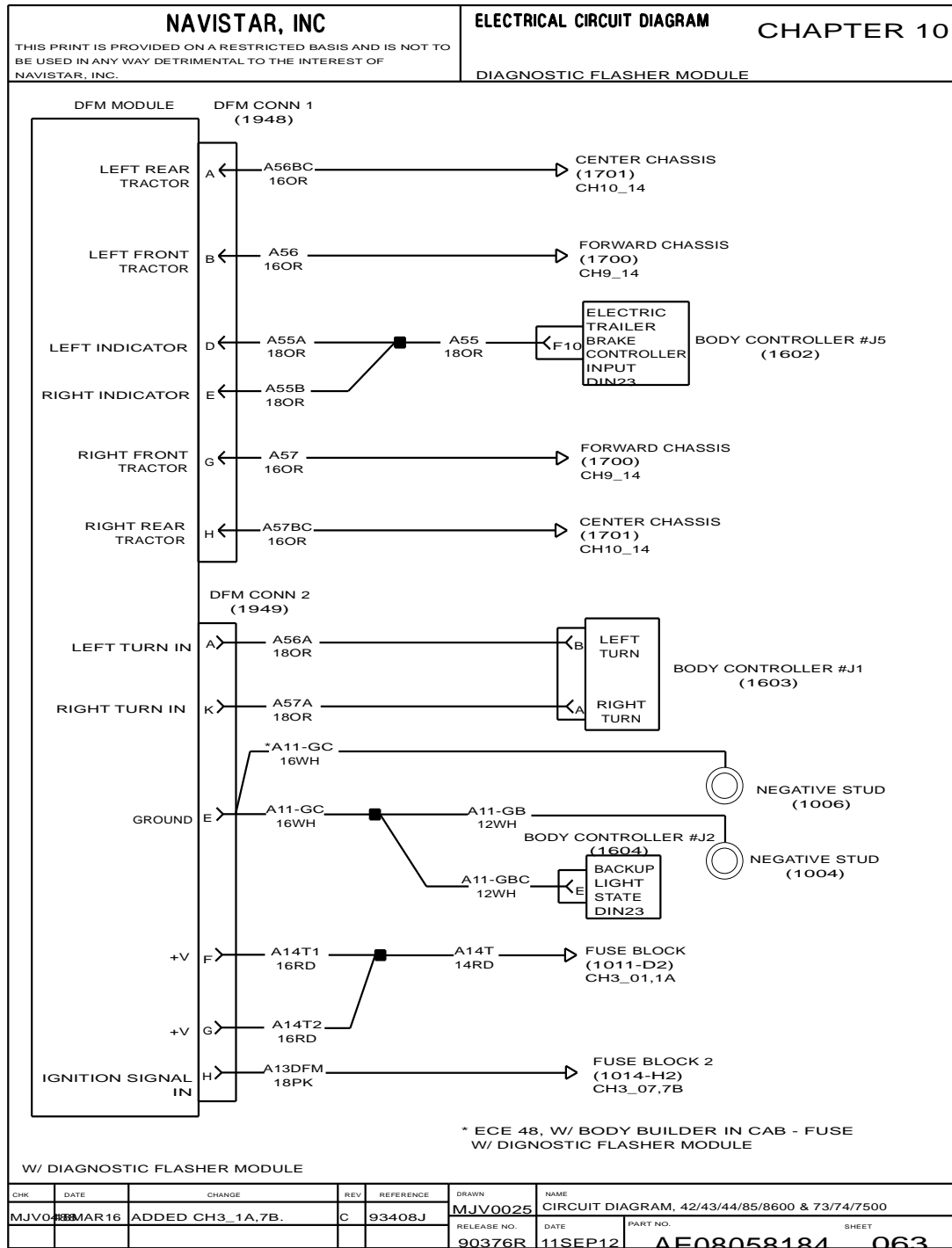


Figure 509 Diagnostic Flasher Module

10.102. DIAGNOSTIC FLASHER MODULE (CONT.), P. 63A

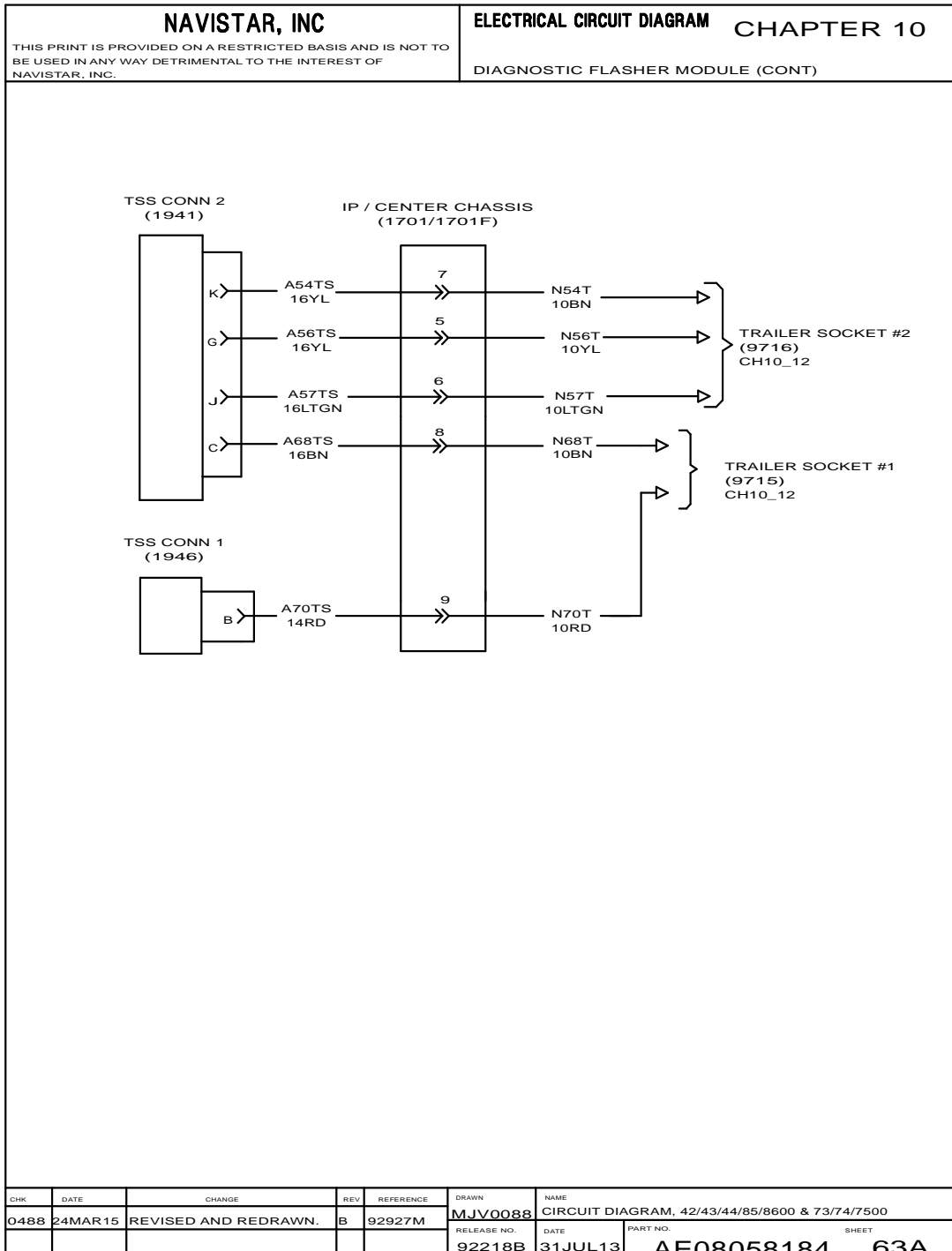


Figure 510 Diagnostic Flasher Module (Cont.)

10.103. BODY BUILDER AND TRAILER – TURN, MARKERS AND STOP (ISL-G ENGINE), P. 64

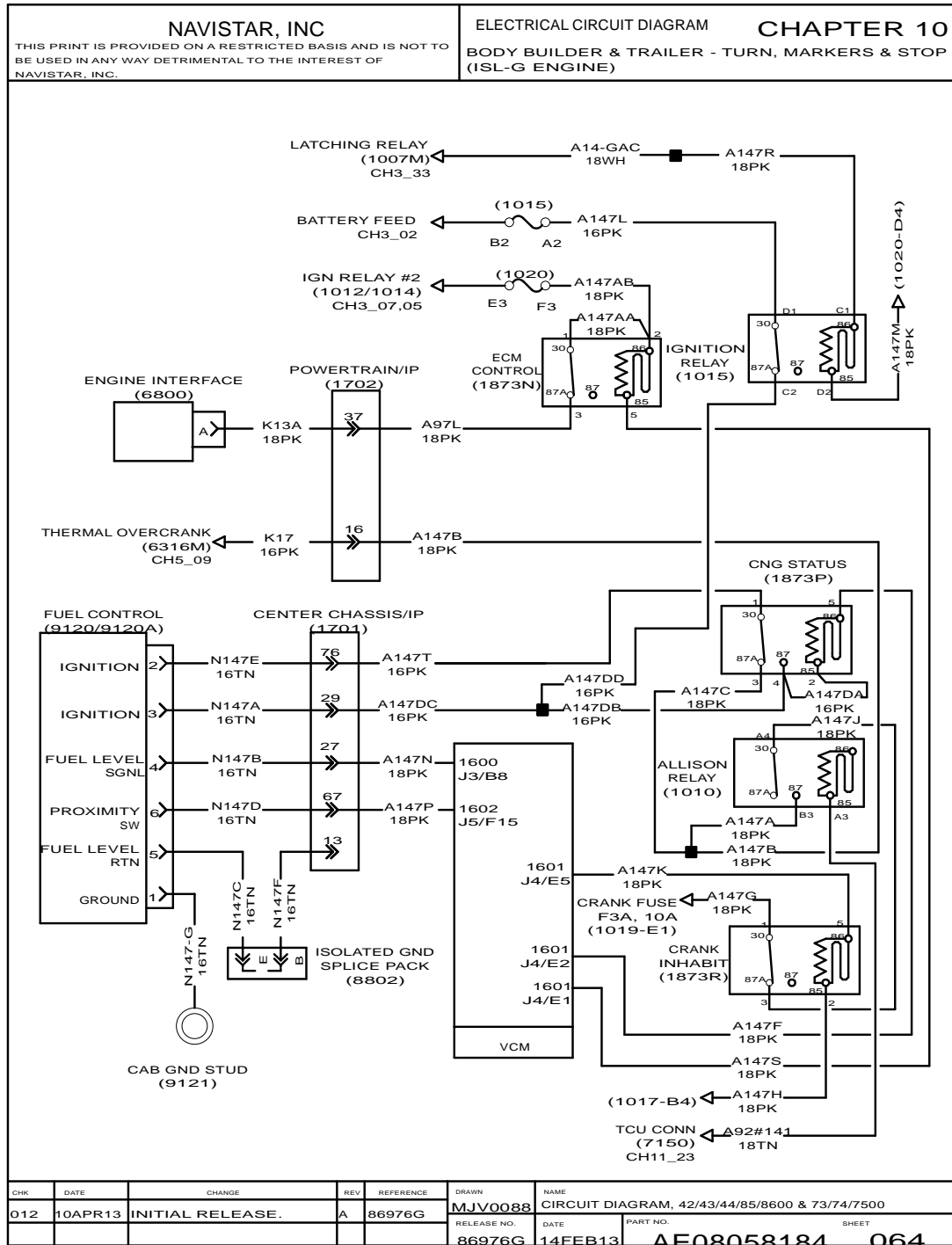


Figure 511 Body Builder and Trailer – Turn, Markers and Stop (ISL-G Engine)

10.104. ULTRASHIFT BODYBUILDER WIRING, P. 65

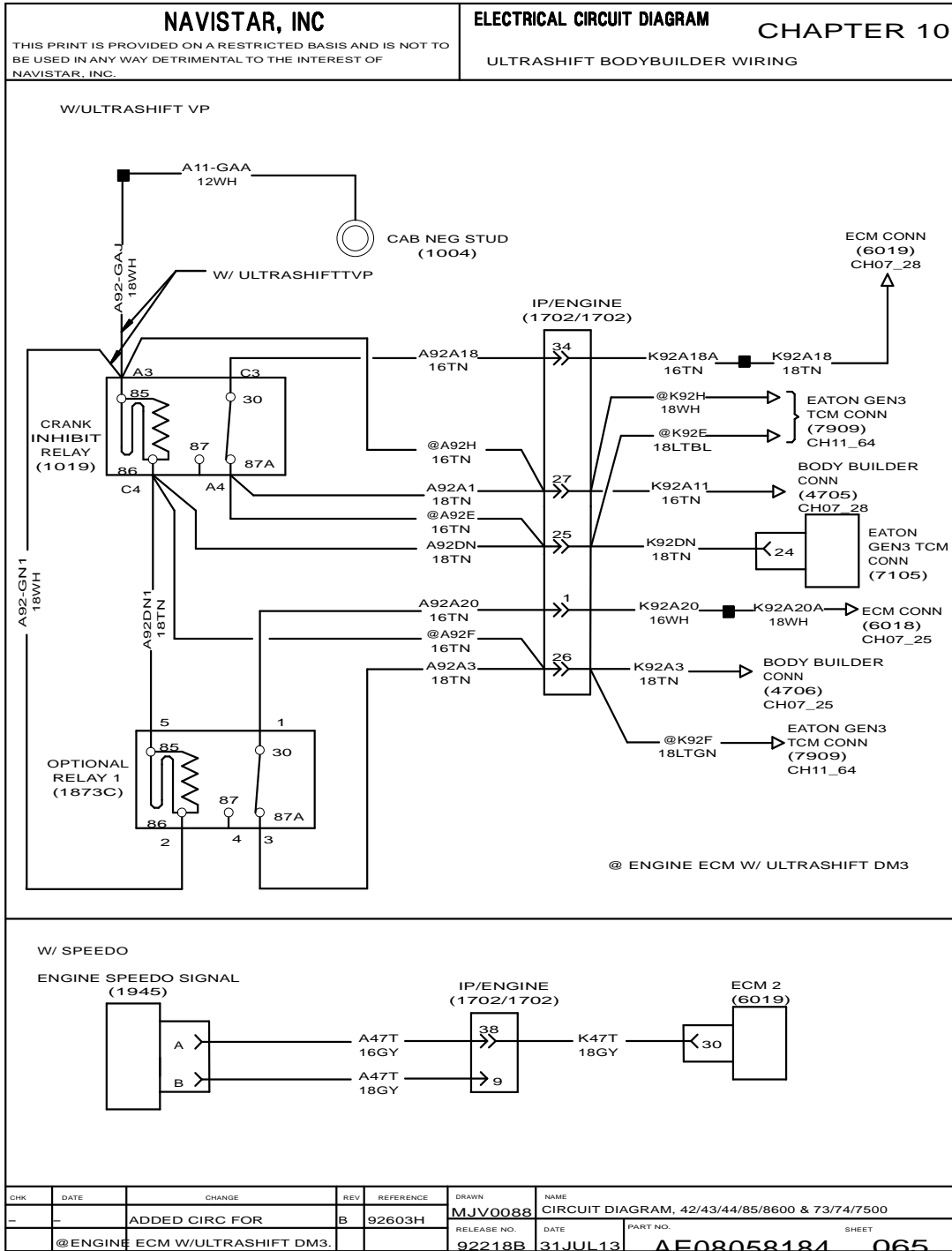


Figure 512 Ultrashift BodyBuilder Wiring

10.105. TRW ABS BRAKES, P. 66

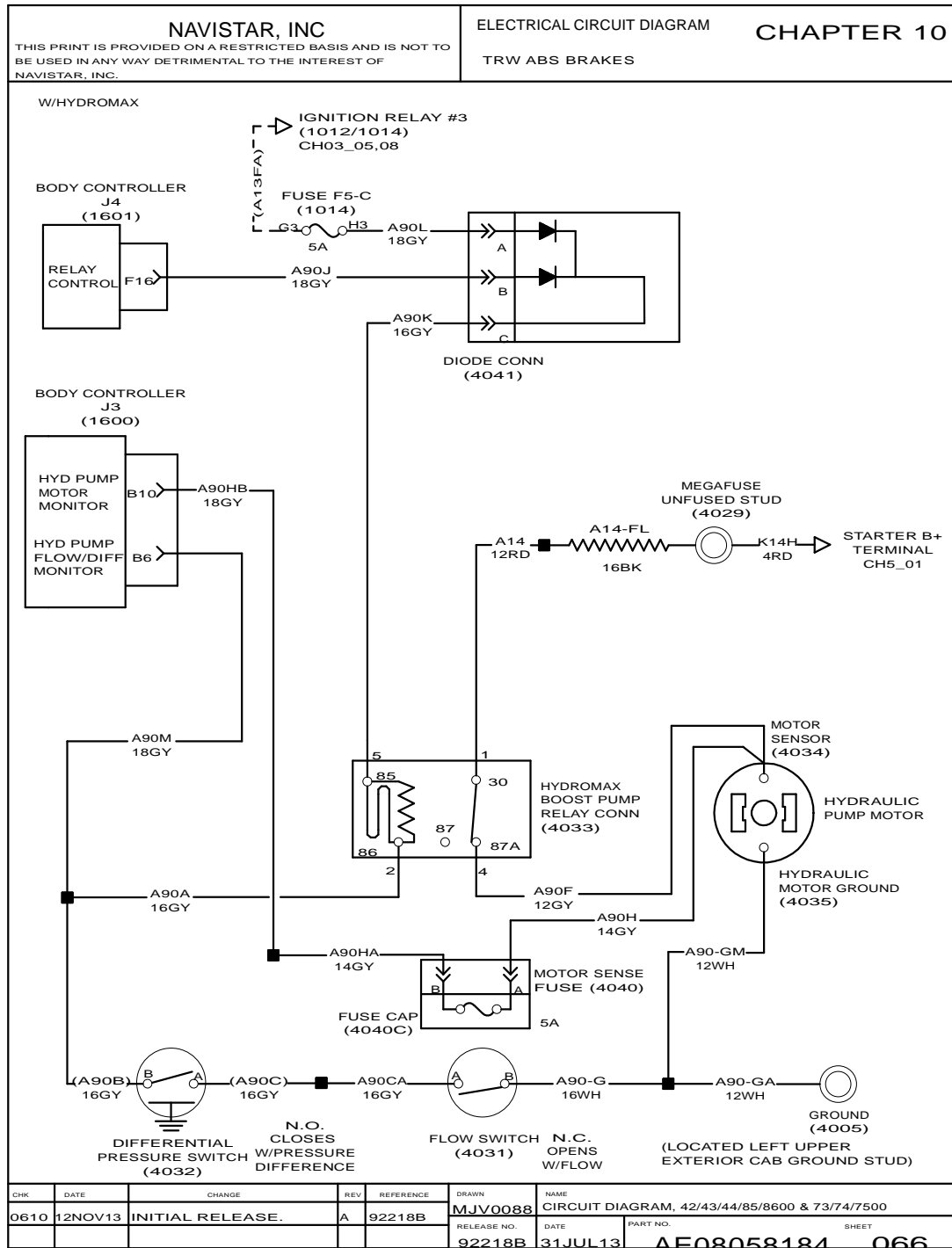


Figure 513 TRW ABS Brakes

10.106. ENGINE BRAKE AND ECM WIRING – WITH EURO 3, P. 67

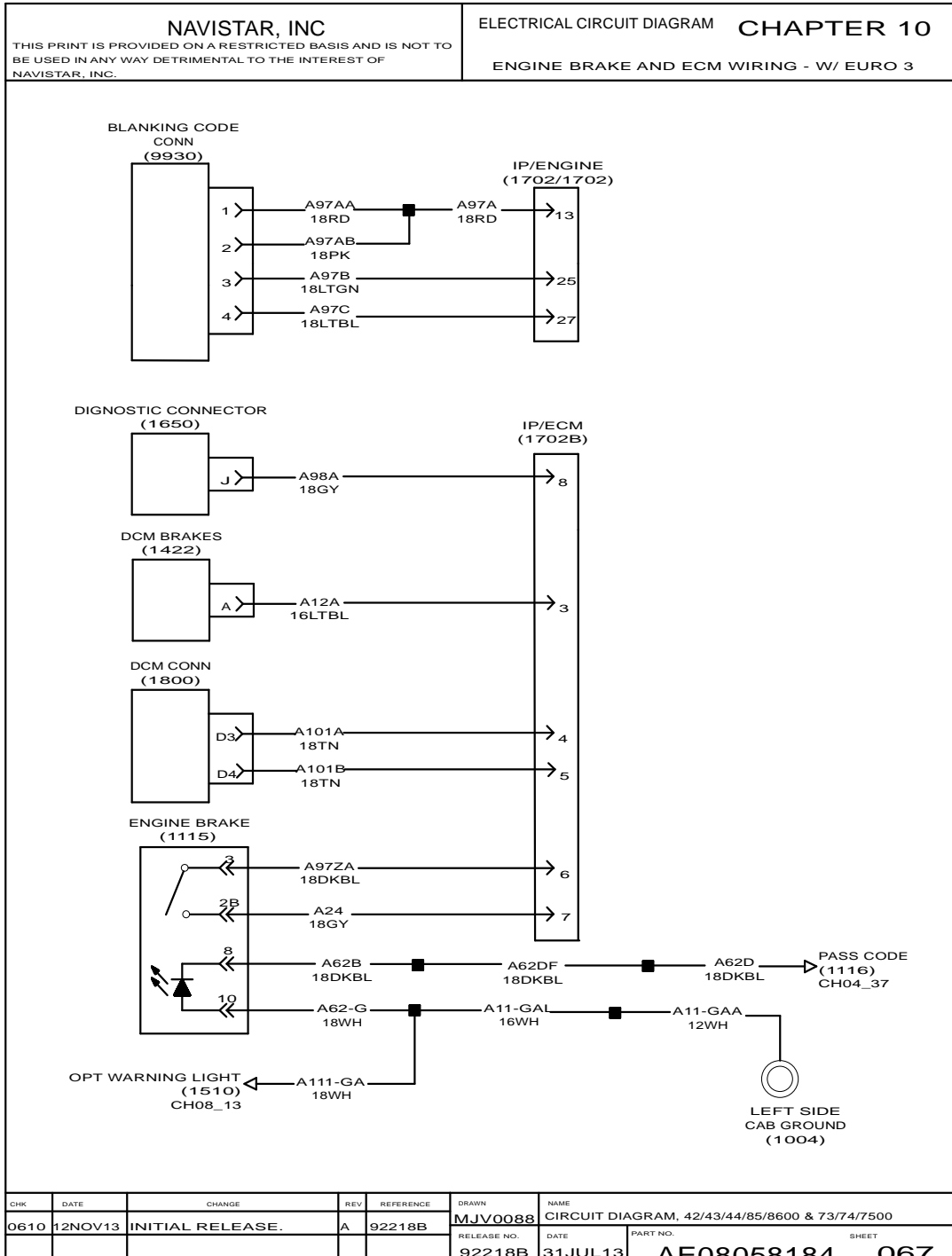


Figure 514 Engine Brake and ECM Wiring – with Euro 3

10.107. IDLE CONTROL TEMPERATURE SENSOR, P. 68

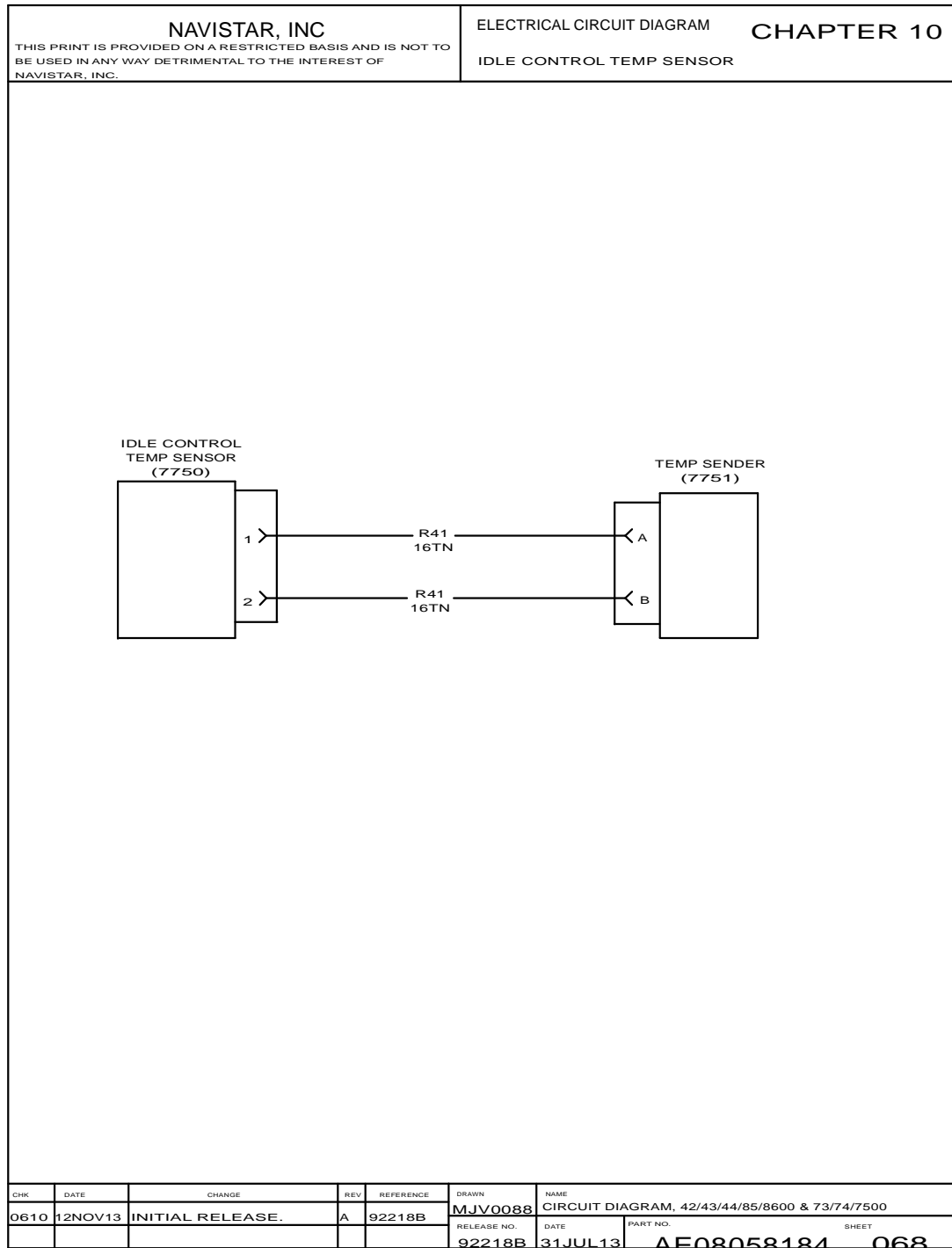


Figure 515 Idle Control Temperature Sensor

10.108. BODY BUILDER (B) RELAYS AND FUSES WITH PDM, P. 69

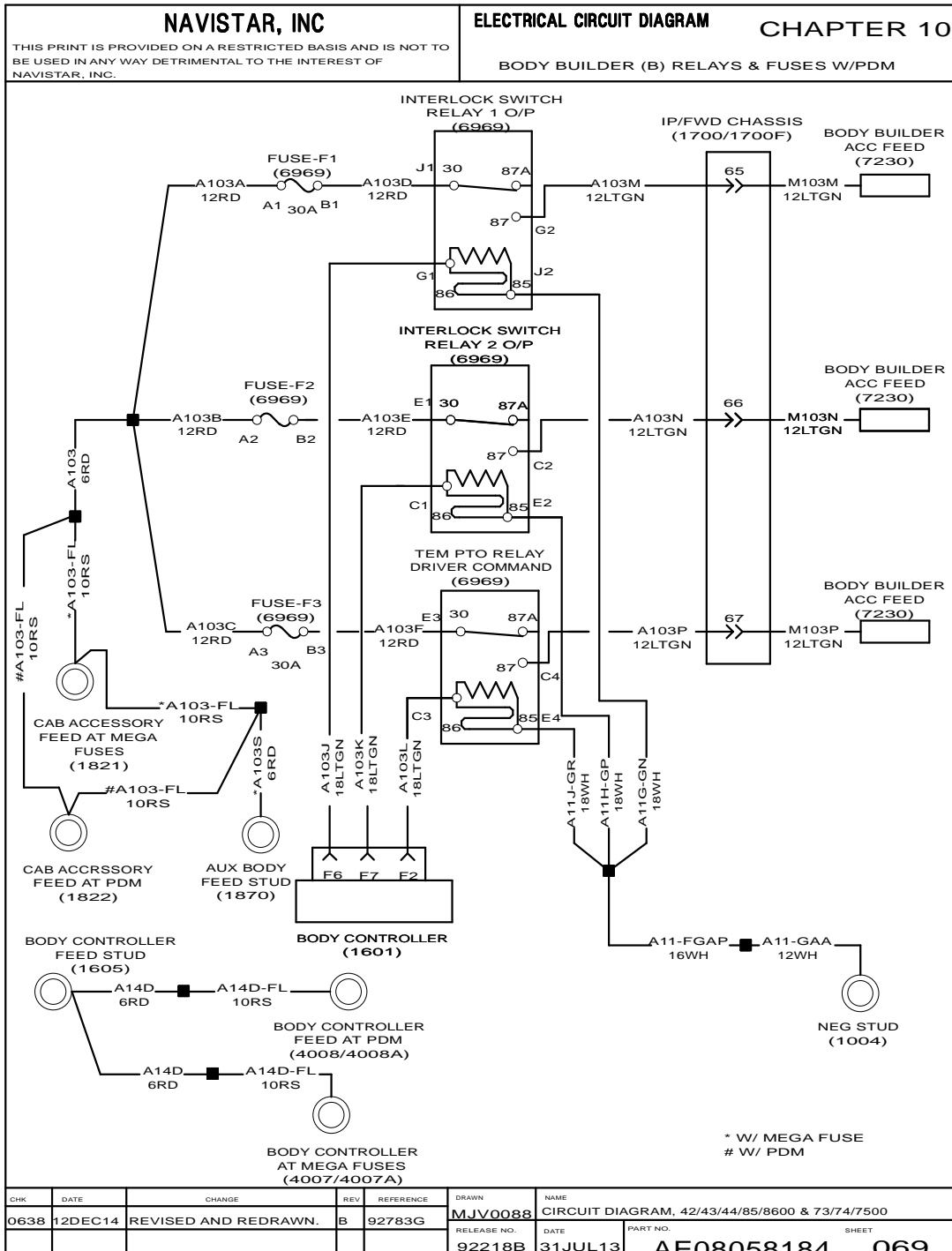


Figure 516 Body Builder (B) Relays and Fuses with PDM

10.109. ABS – WABCO 4S / 4M, P. 70

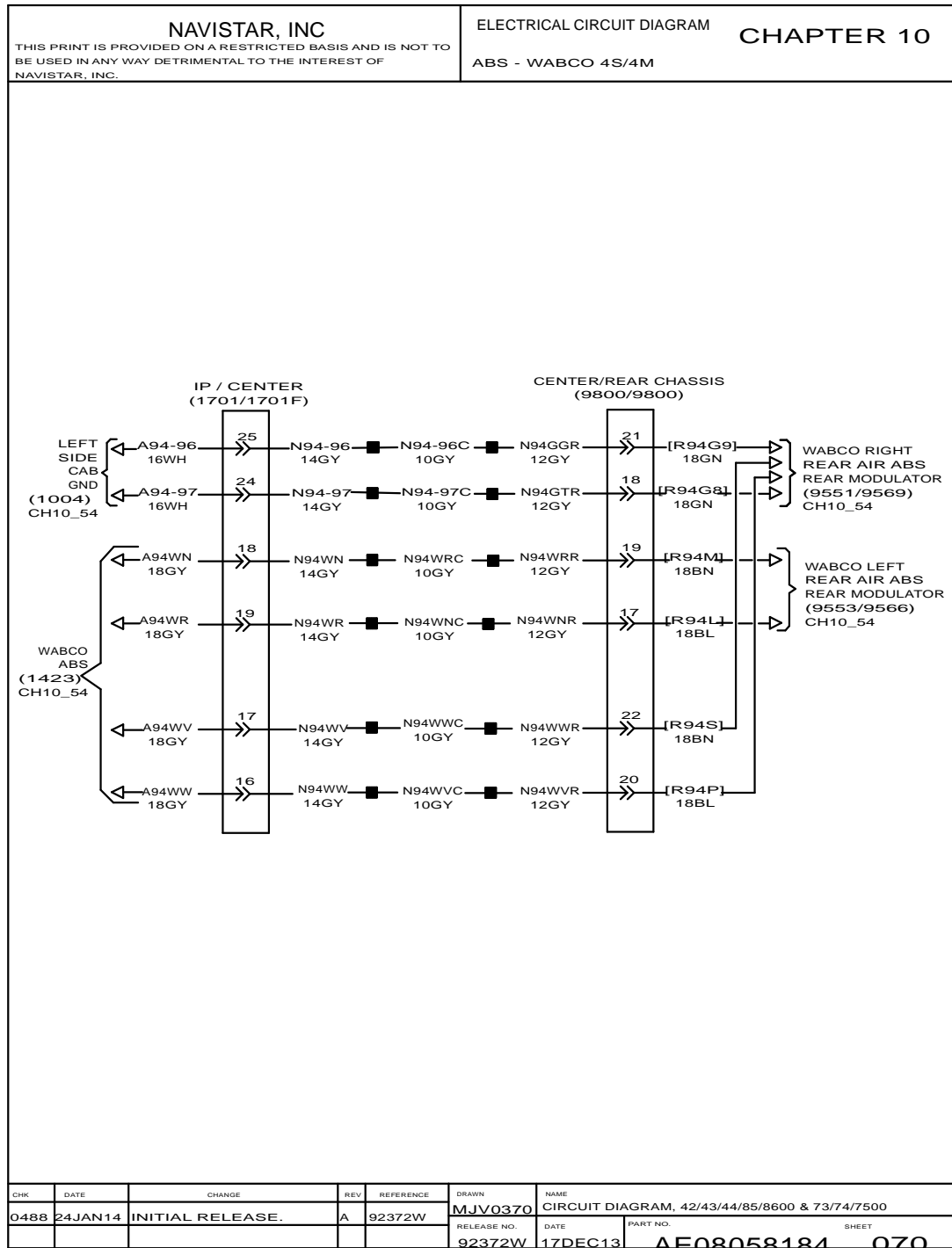


Figure 517 ABS – WABCO 4S / 4M

10.110. ABS – WABCO 4S / 4M (CONT.), P. 70A

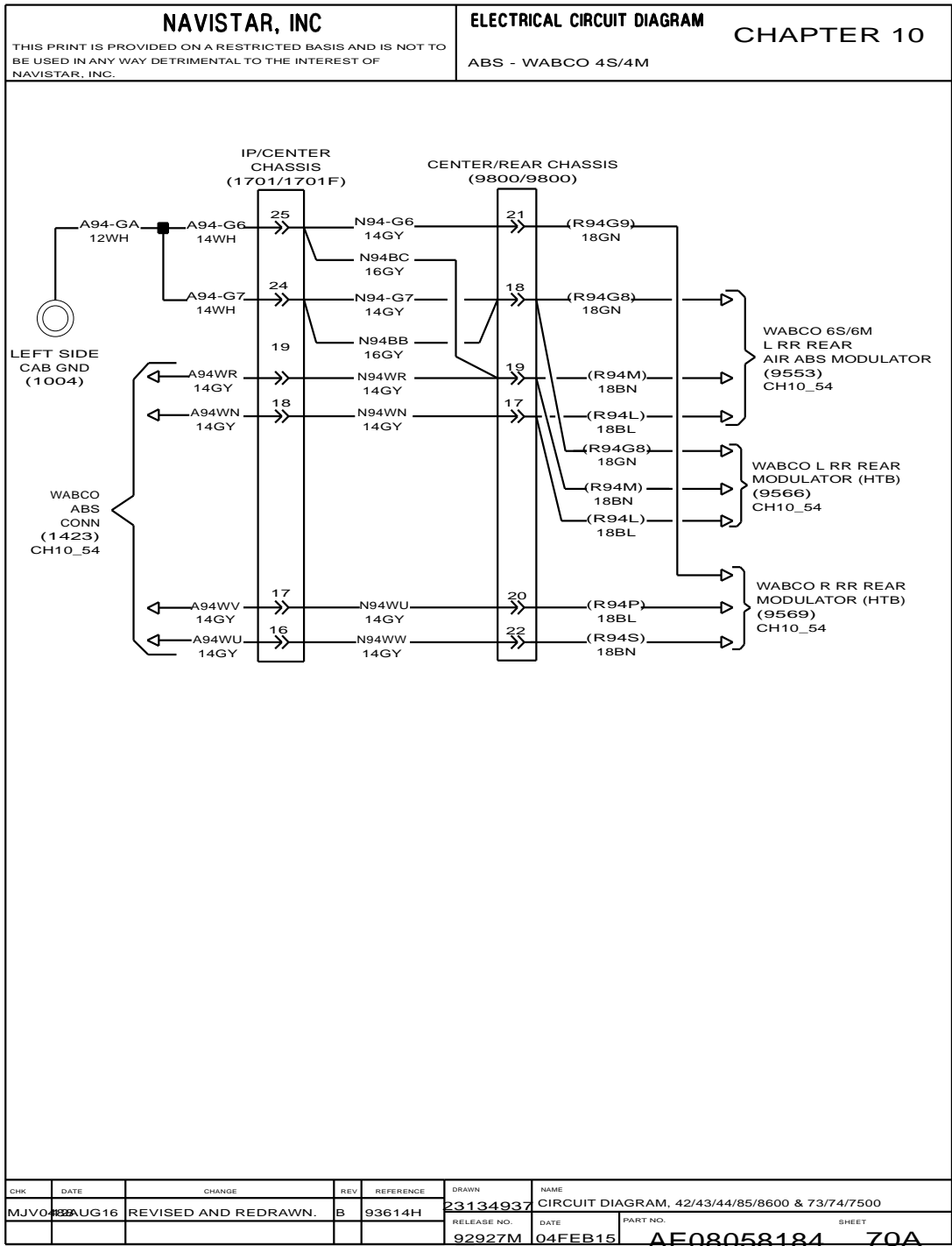


Figure 518 ABS – WABCO 4S / 4M (Cont.)

10.111. HYDRAULIC BRAKES, P. 71

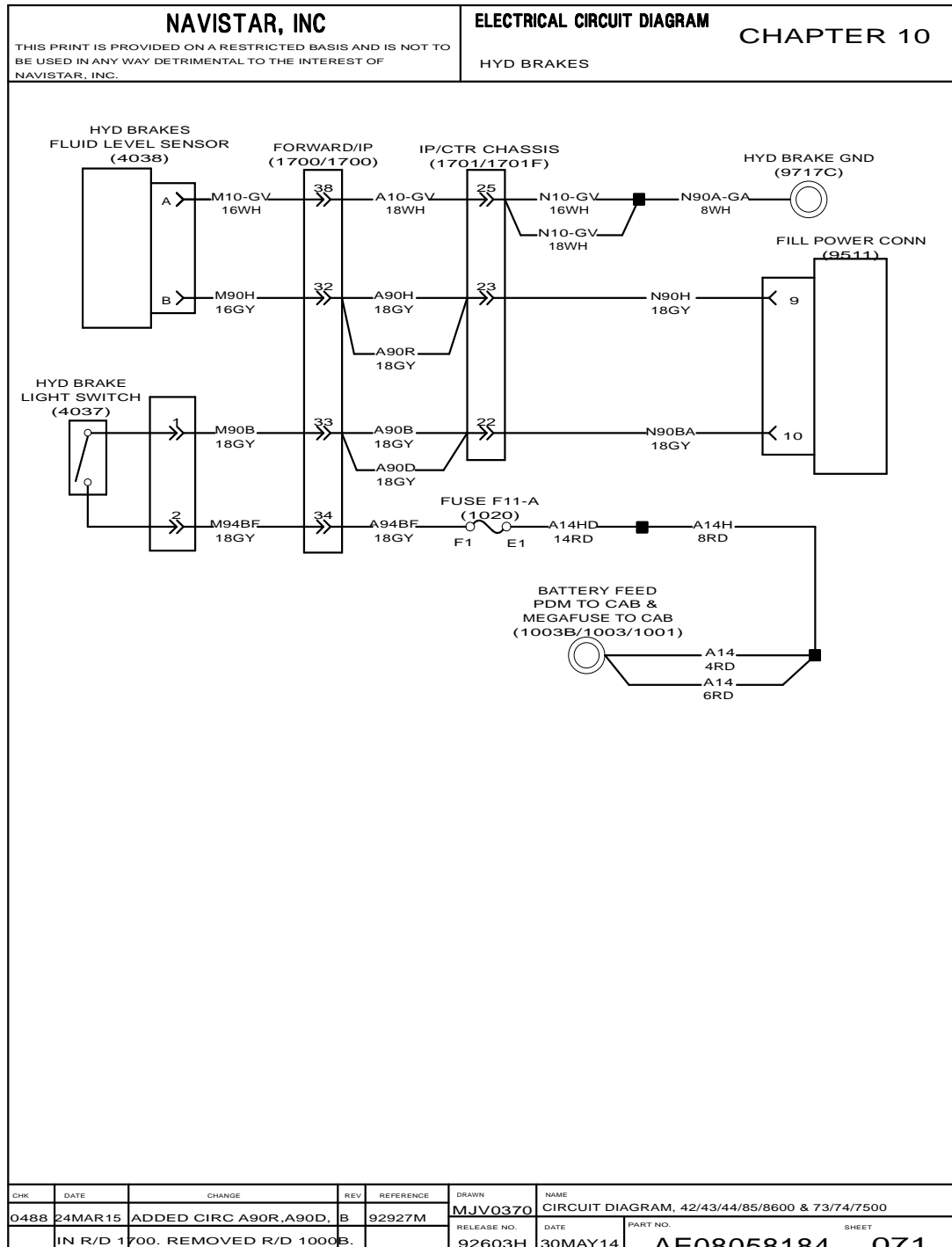


Figure 519 Hydraulic Brakes

10.112. NEXT GEN HYDRAULIC BRAKES, P. 72

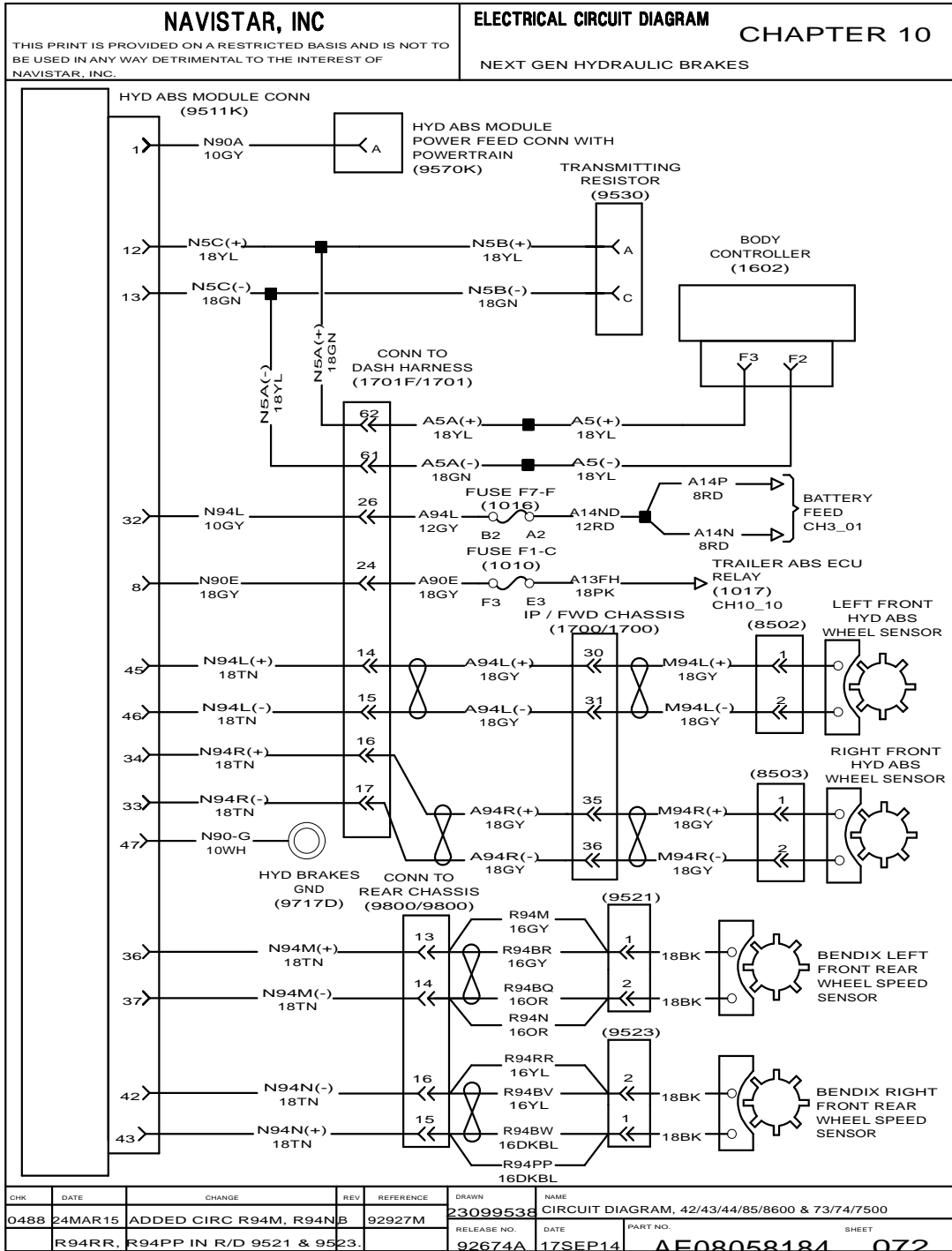


Figure 520 Next Gen Hydraulic Brakes

10.113. NEXT GEN HYDRAULIC BRAKES (CONT.), P. 73

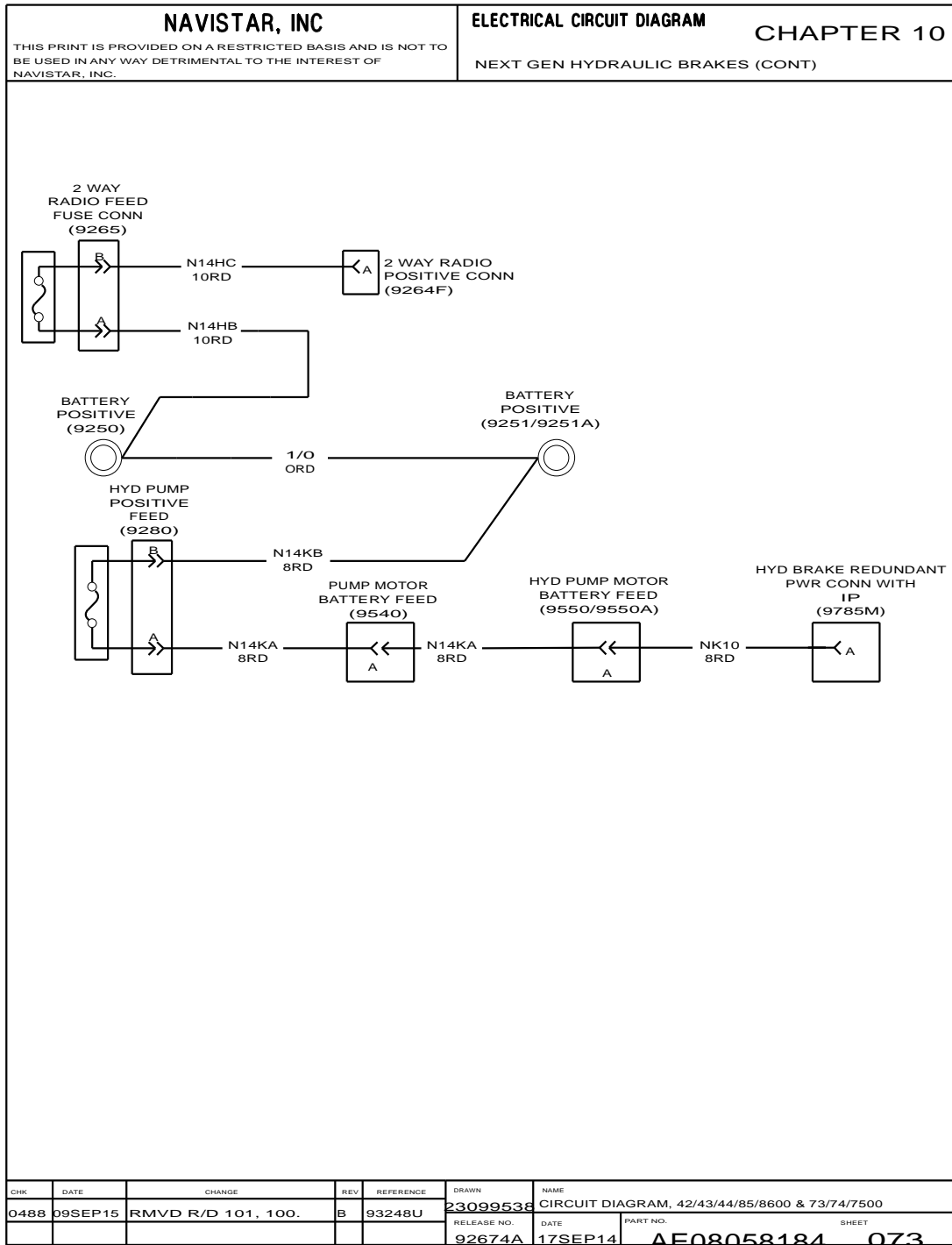


Figure 521 Next Gen Hydraulic Brakes (Cont.)

10.114. NEXT GEN HYDRAULIC BRAKES (CONT.), P. 74

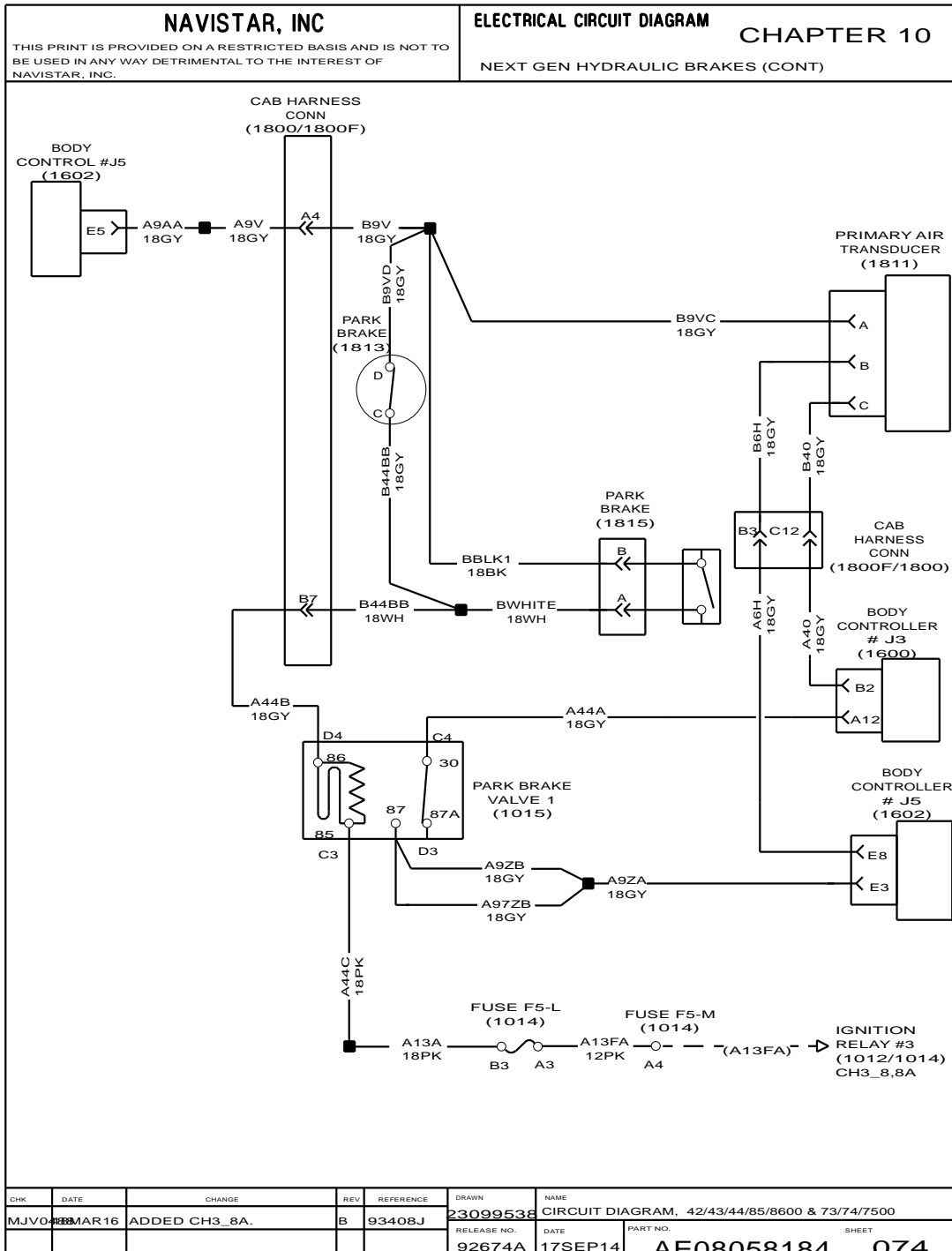


Figure 522 Next Gen Hydraulic Brakes (Cont.)

10.115. NEXT GEN HYDRAULIC BRAKES (CONT.), P. 75

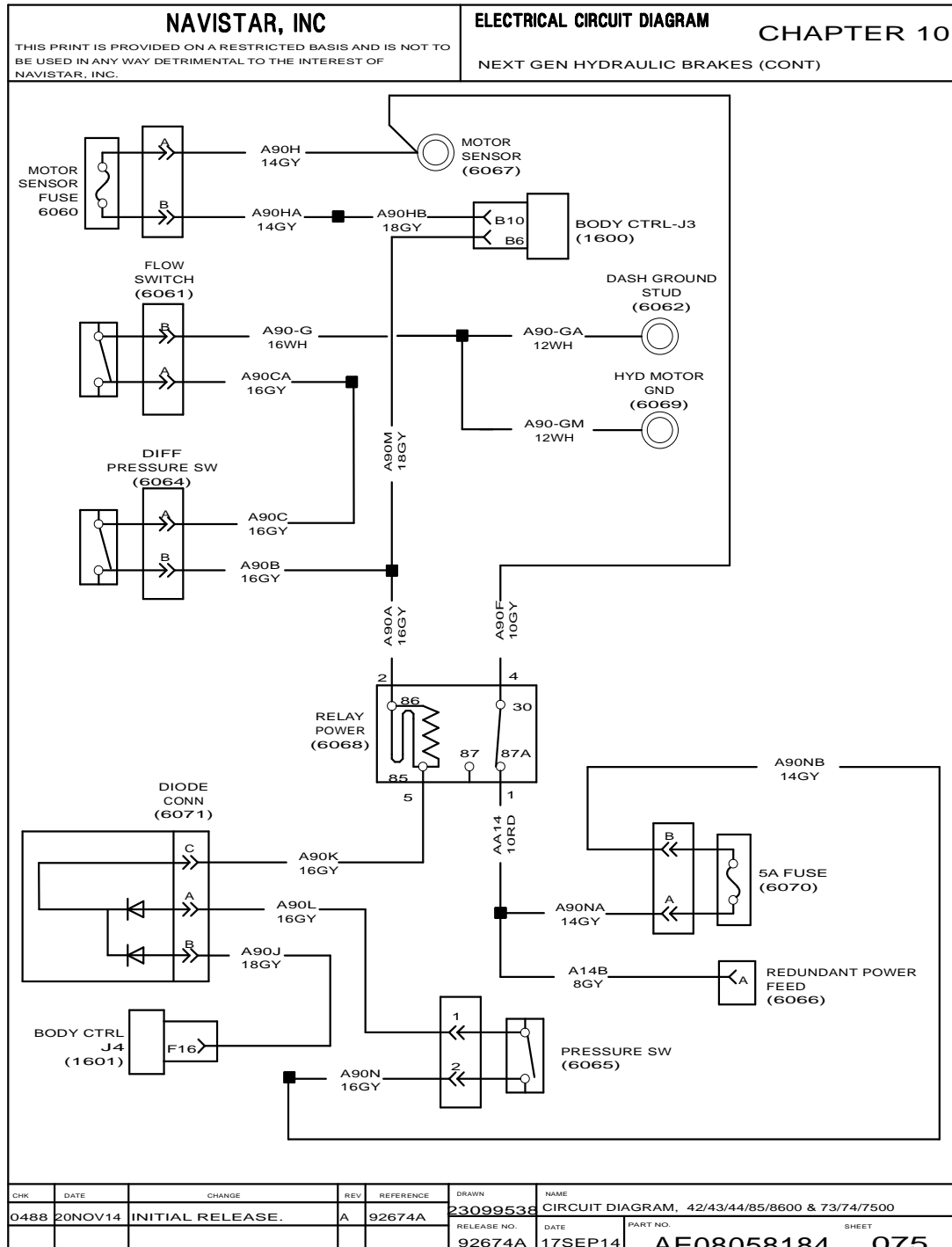


Figure 523 Next Gen Hydraulic Brakes (Cont.)

10.116. NEXT GEN HYDRAULIC BRAKES (CONT.), P. 76

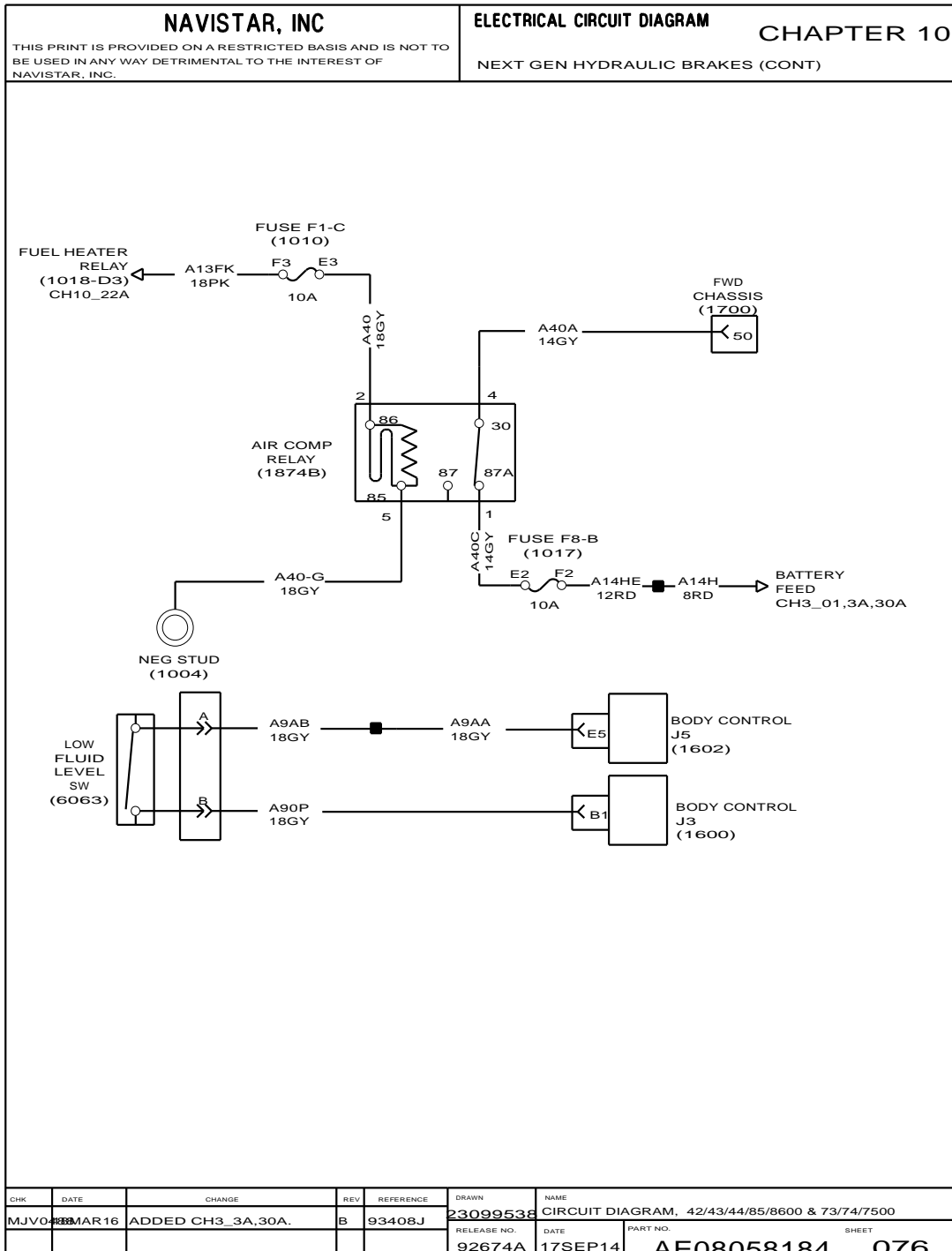


Figure 524 Next Gen Hydraulic Brakes (Cont.)

10.117. REMOTE START / STOP WITH UTILITY BODY WITH 500K BAUD RATE, P. 77

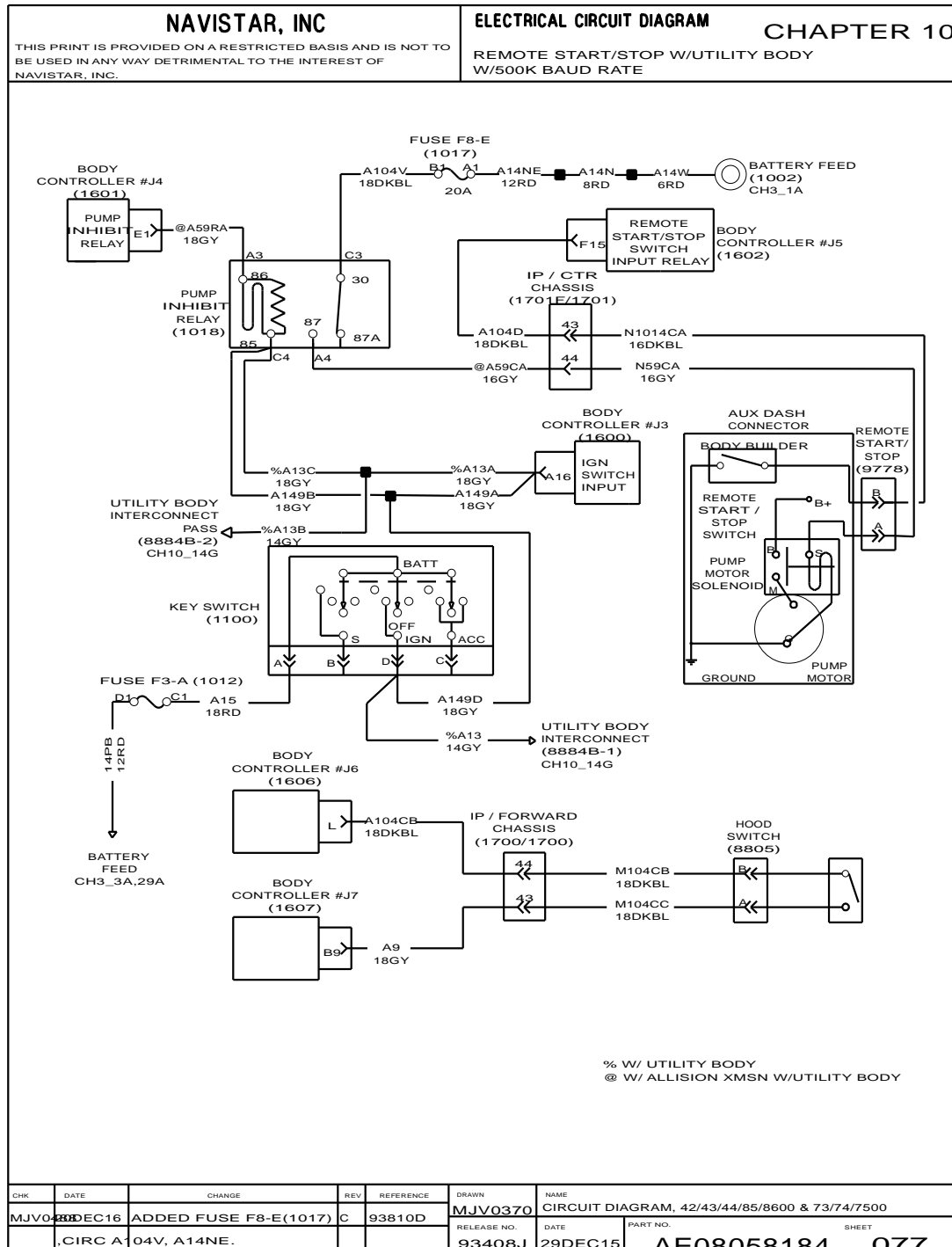


Figure 525 Remote Start / Stop with Utility Body with 500K Baud Rate

10.118. DUAL POWER TAKE-OFF, P. 78

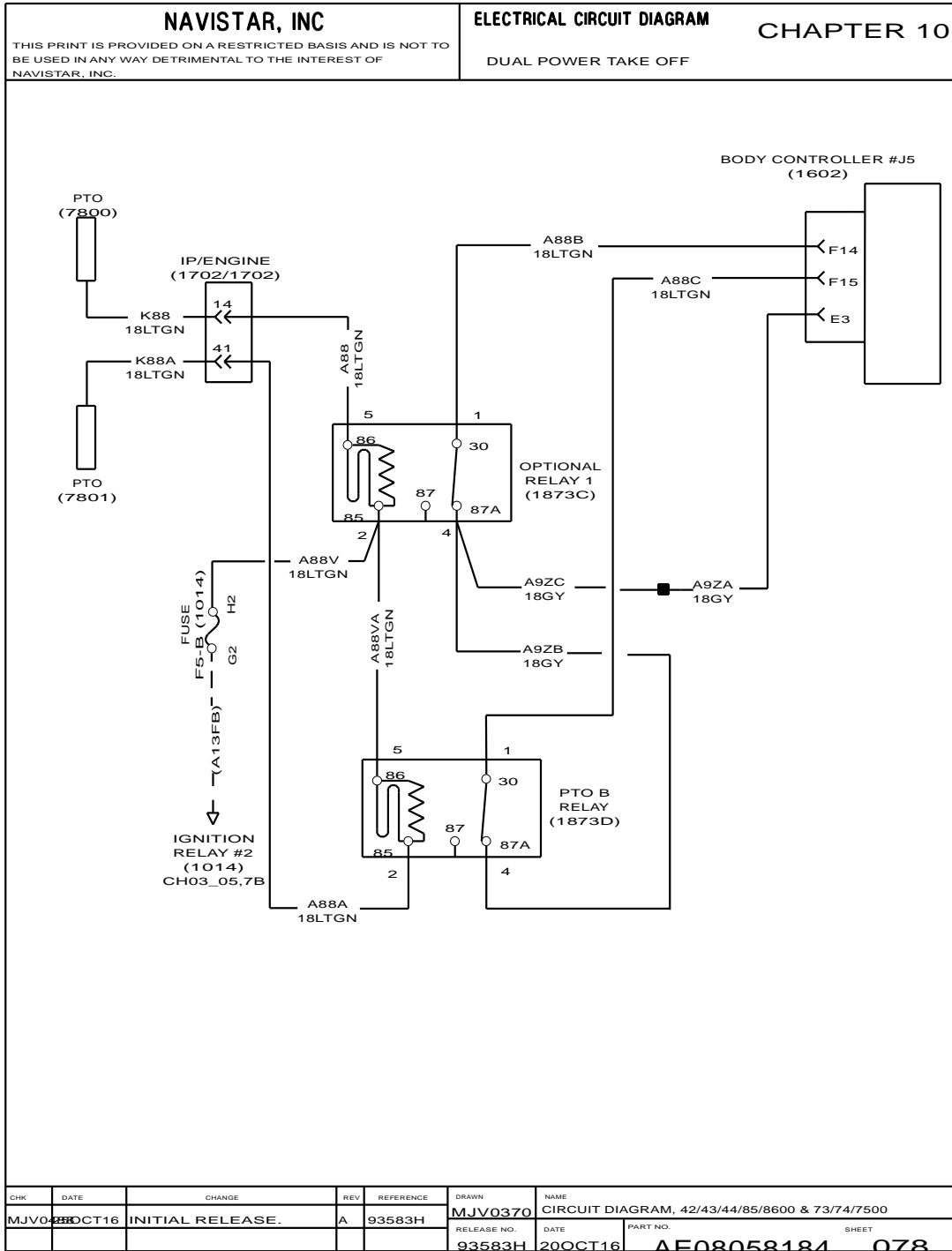


Figure 526 Dual Power Take-Off

10.119. ABS – BENDIX AIR 6S / 6M (6X4), P. 79

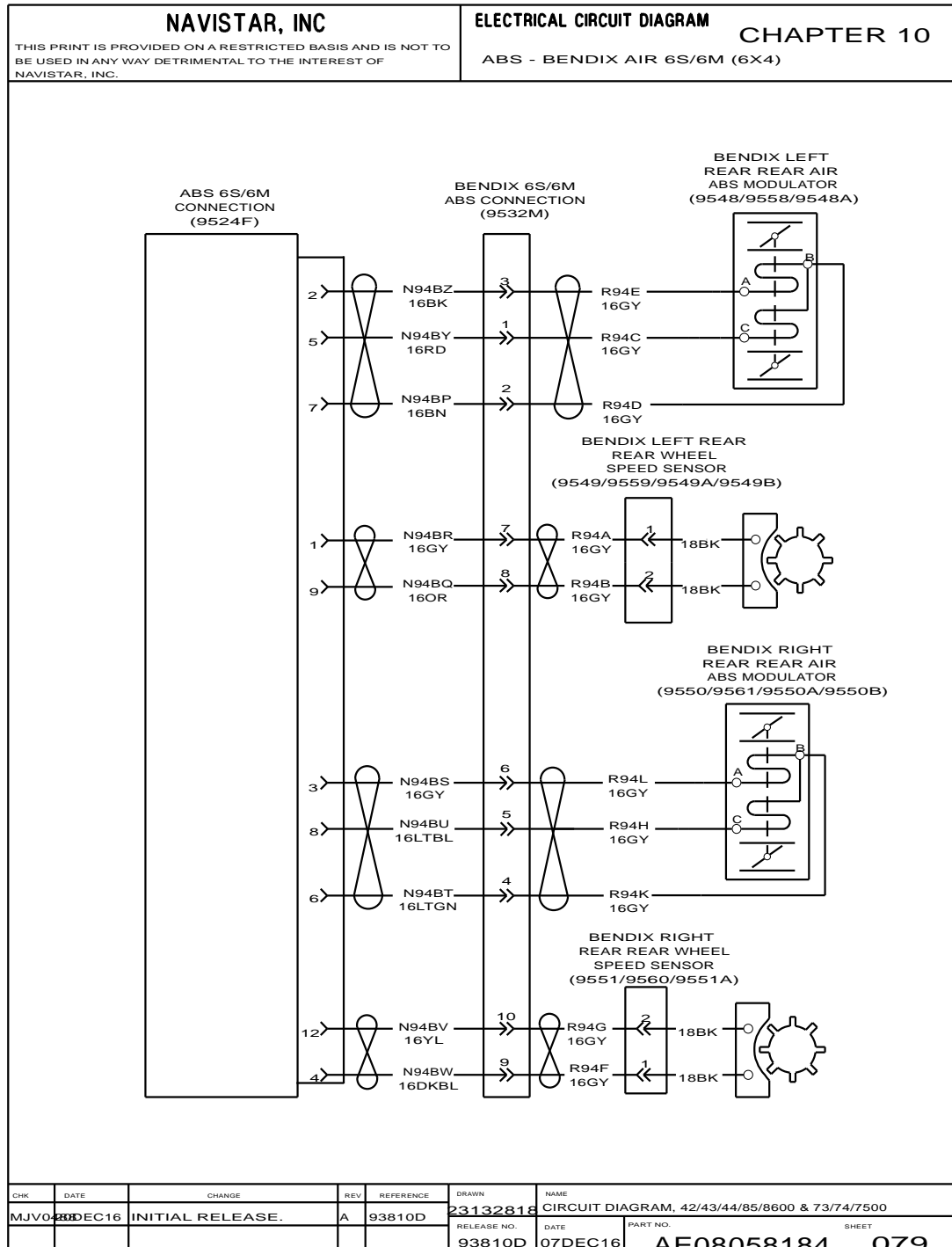


Figure 527 ABS – Bendix Air 6S / 6M (6x4),

10.120. ABS – BENDIX AIR 6S / 6M (6X4) (CONT.), P. 80

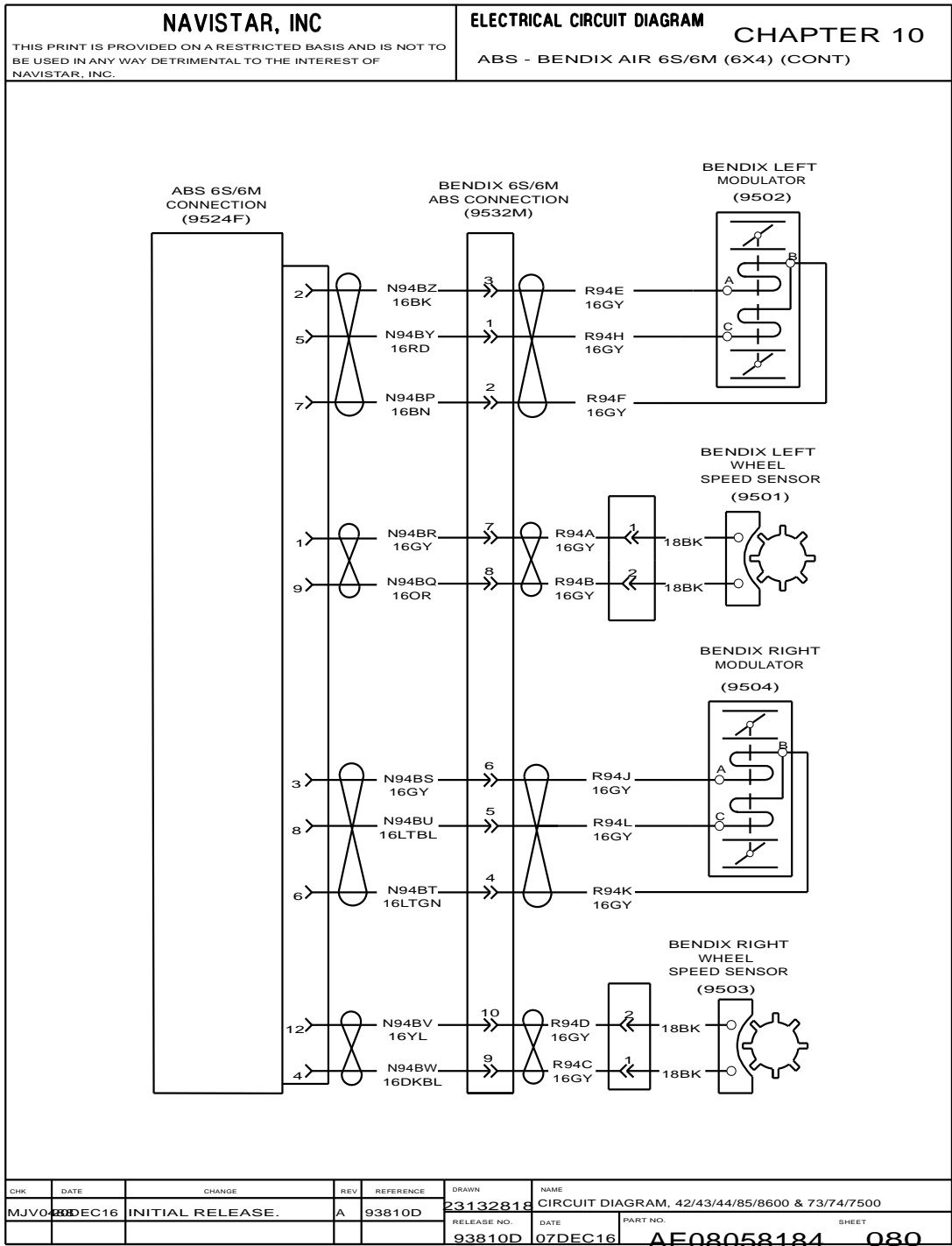


Figure 528 ABS – Bendix Air 6S / 6M (6x4) (Cont.)

10.121. ABS – BENDIX AIR 6S / 6M (6X4) (CONT.), P. 81

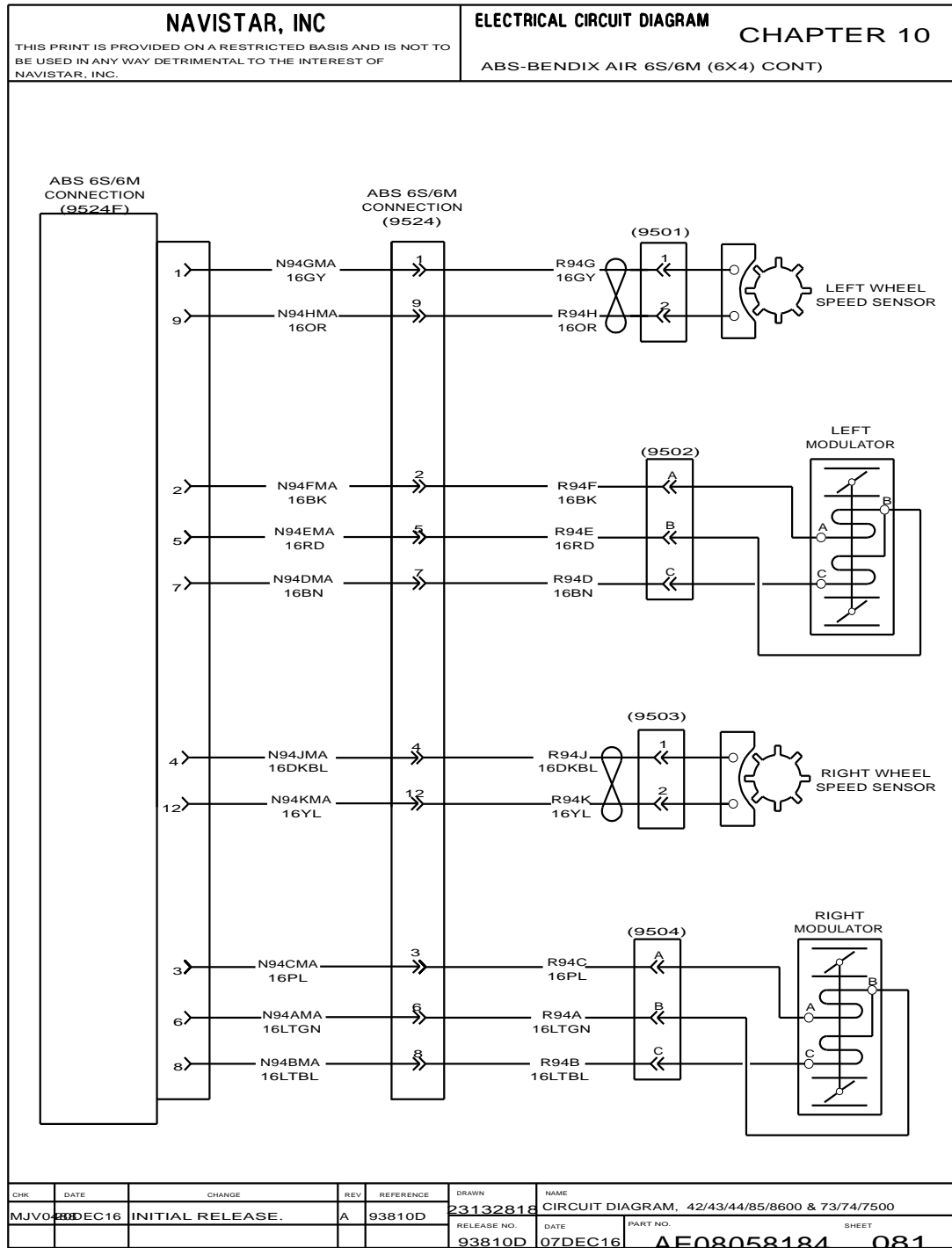


Figure 529 ABS – Bendix Air 6S / 6M (6x4) (Cont.)

10.122. ABS – BENDIX AIR 6S / 6M (6X4) (CONT.), P. 82

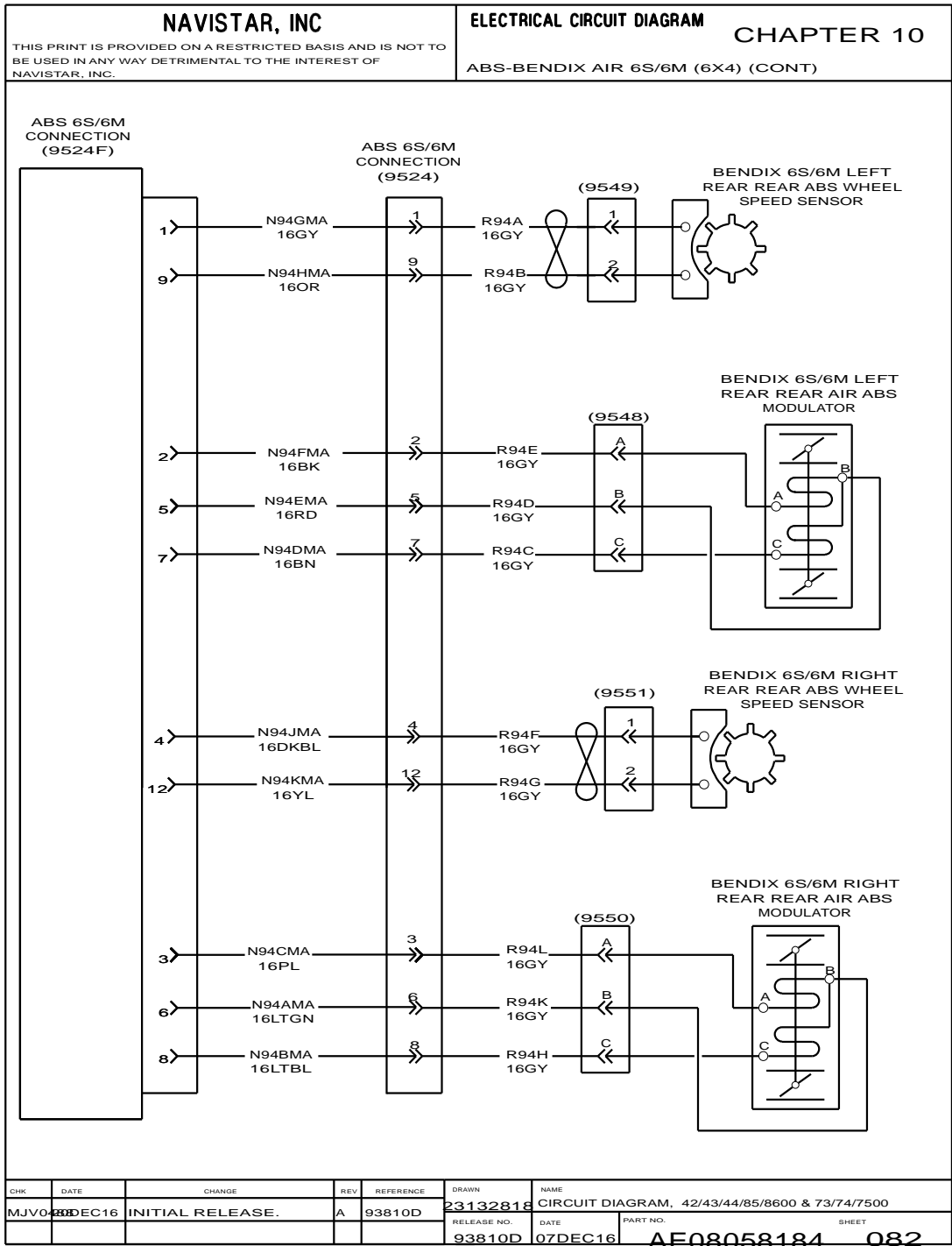


Figure 530 ABS – Bendix Air 6S / 6M (6x4) (Cont.)

TRANSMISSIONS (CHAPTER 11)

11.1. ALLISON GEN 4 1/2000 TRANSMISSION WITH I6 AND V8 ENGINE, P. 1

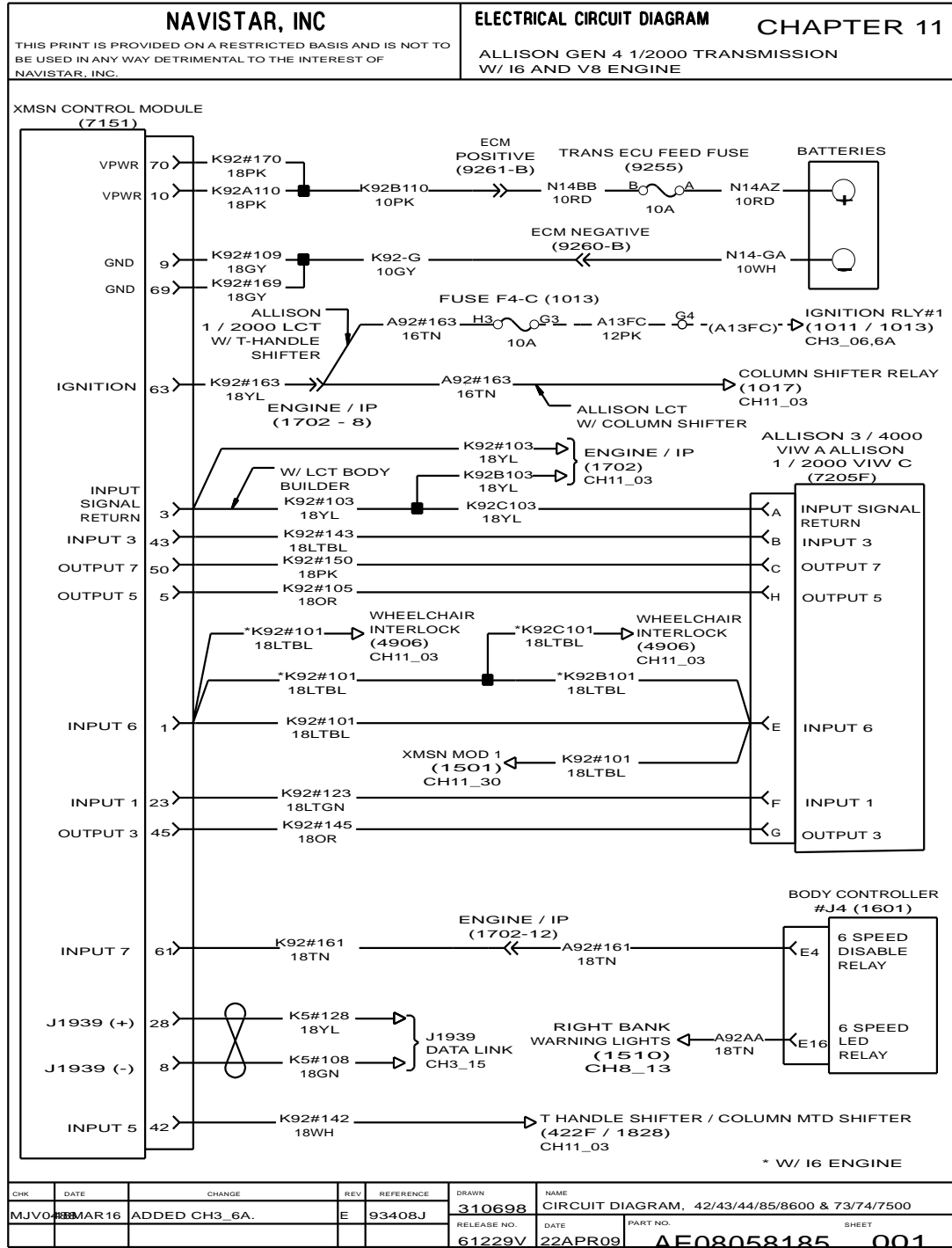


Figure 531 Allison Gen 4 1/2000 Transmission with I6 and V8 Engine

11.2. ALLISON GEN 4 1/2000 TRANSMISSION WITH I6 AND V8 ENGINES (CONT.), P. 2

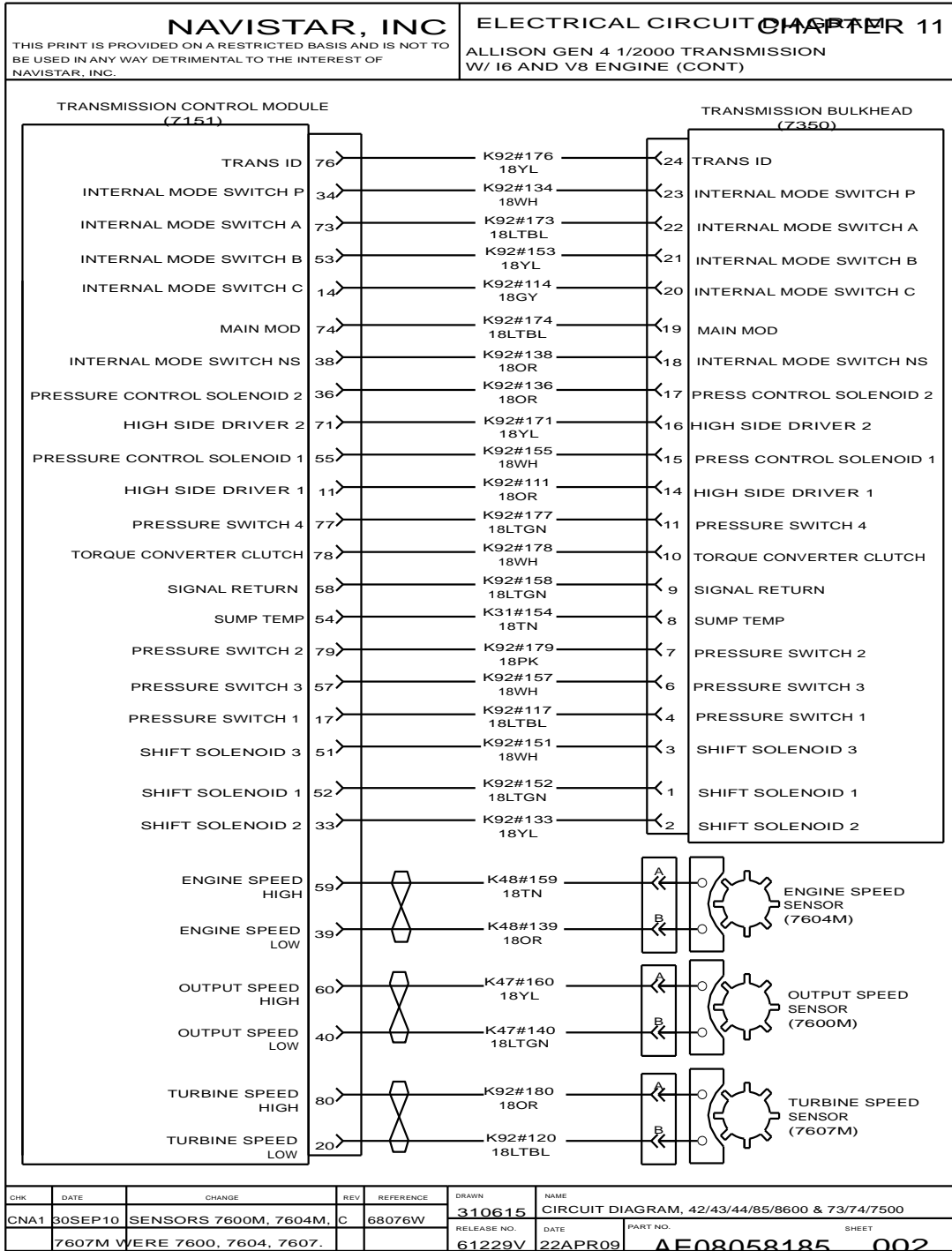


Figure 532 Allison GEN 4 1/2000 Transmission with I6 and V8 Engines (Cont.)

11.3. ALLISON GEN 4 1/2000 TRANSMISSION WITH I6 AND V8 ENGINES (CONT.), P. 3

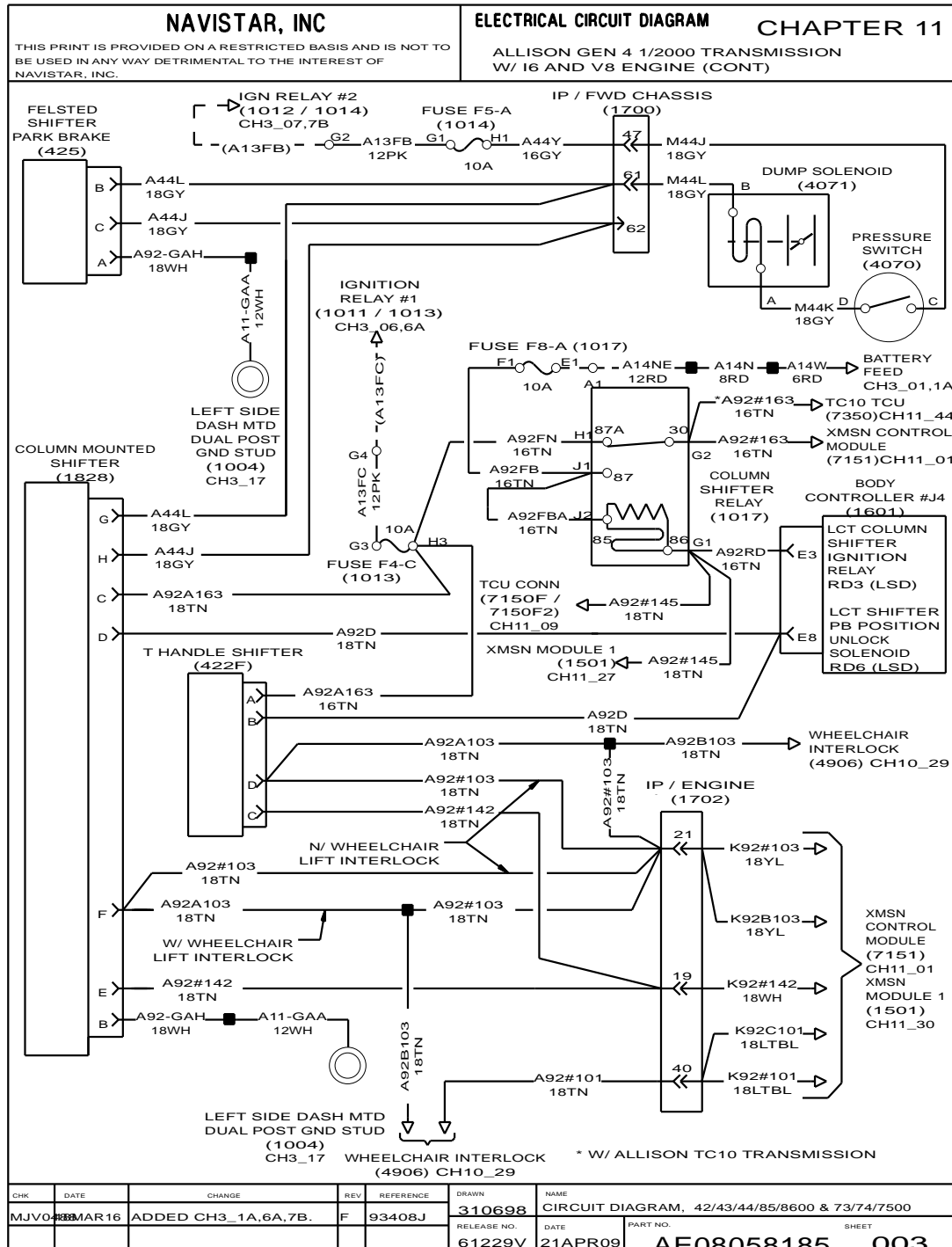


Figure 533 Allison GEN 4 1/2000 Transmission with I6 and V8 Engines (Cont.)

11.4. ALLISON GEN 4 1/2000 TRANSMISSION WITH I6 AND V8 ENGINES (CONT.), P. 3A

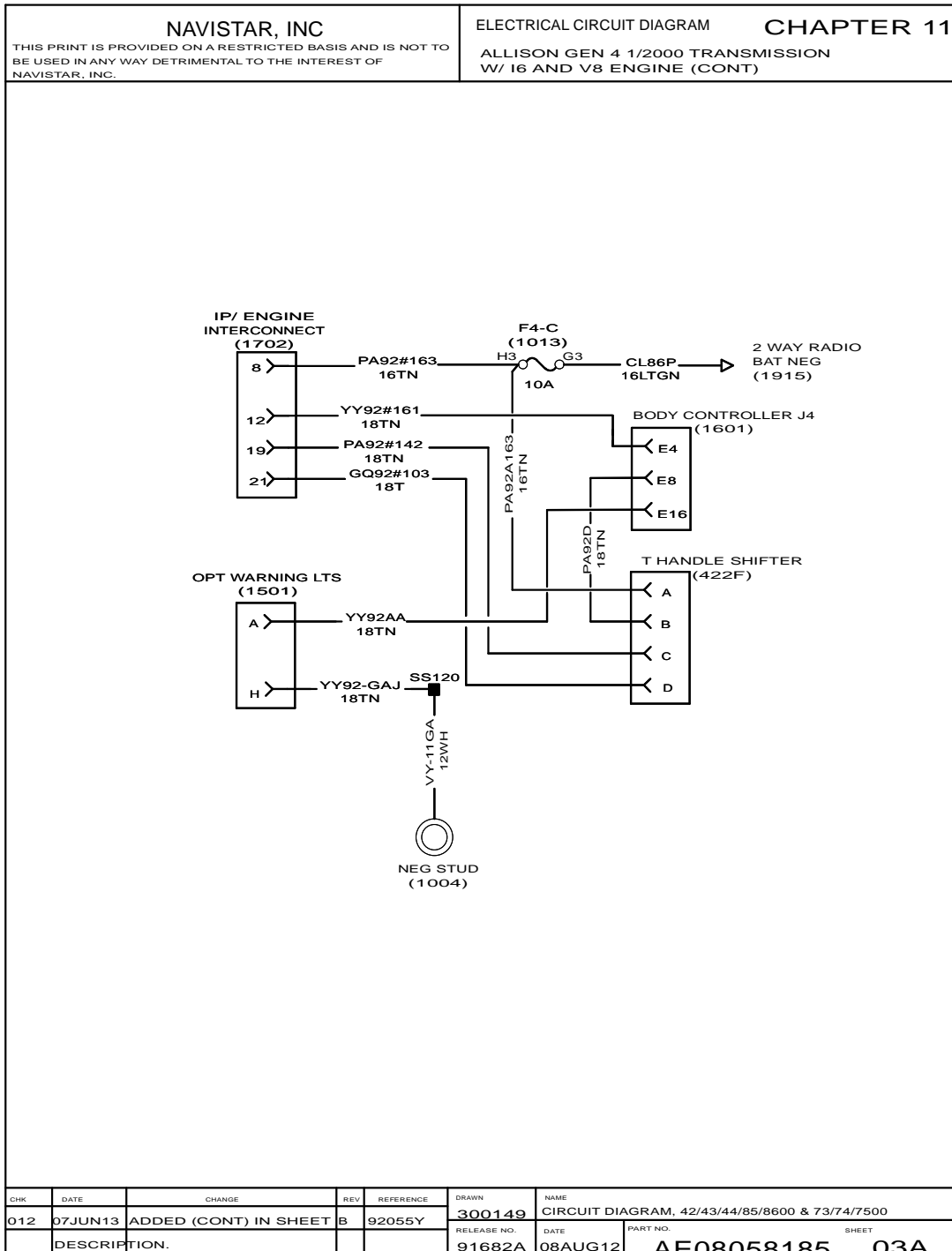


Figure 534 Allison GEN 4 1/2000 Transmission with I6 and V8 Engines (Cont.)

11.5. ALLISON GEN 4 1/2000 TRANSMISSION WITH ISB ENGINES (CONT.), P. 3B

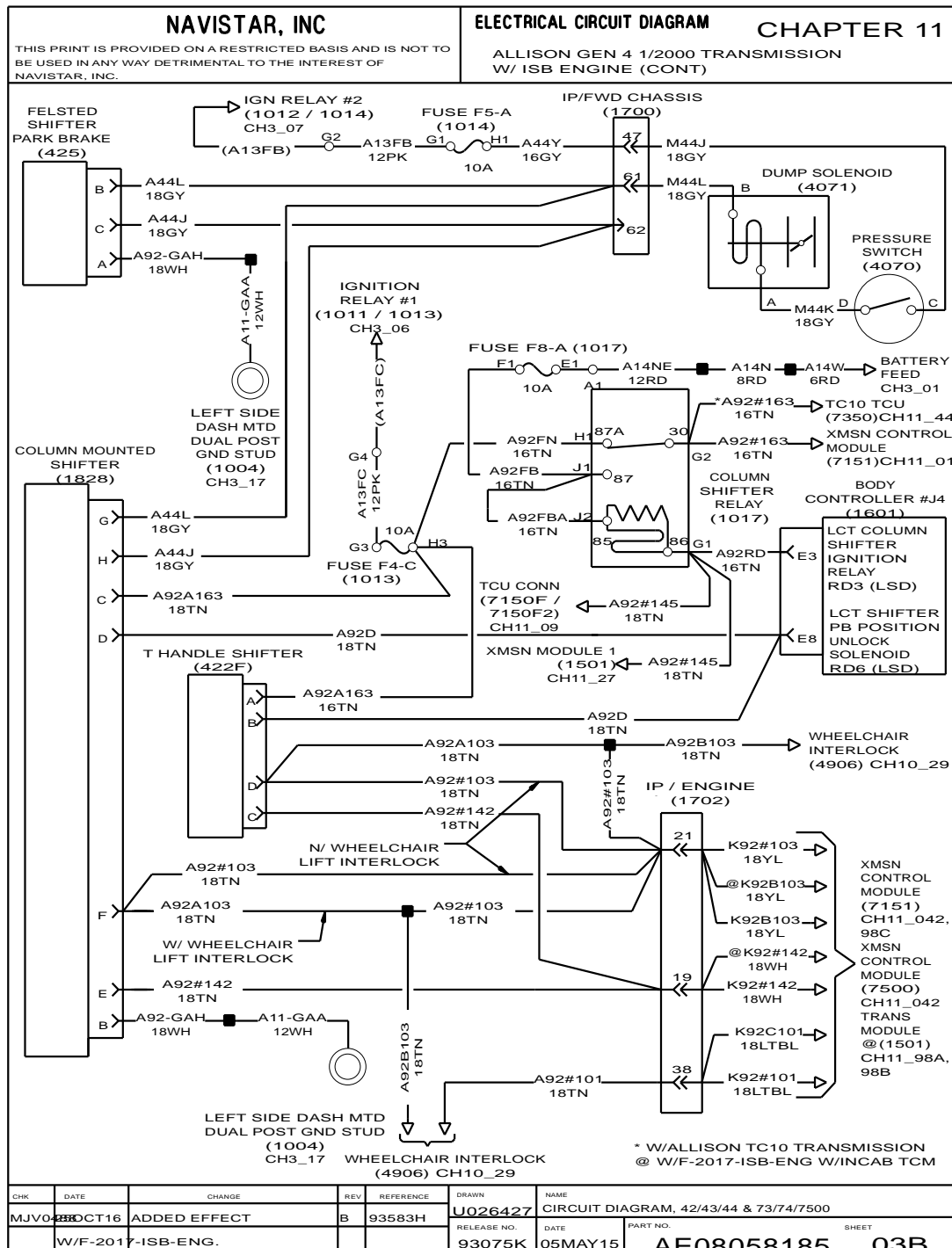


Figure 535 Allison GEN 4 1/2000 Transmission with ISB Engines (Cont.)

11.6. ALLISON GEN 4 1/2000 TRANSMISSION WITH ISB ENGINES (CONT.), P. 3C

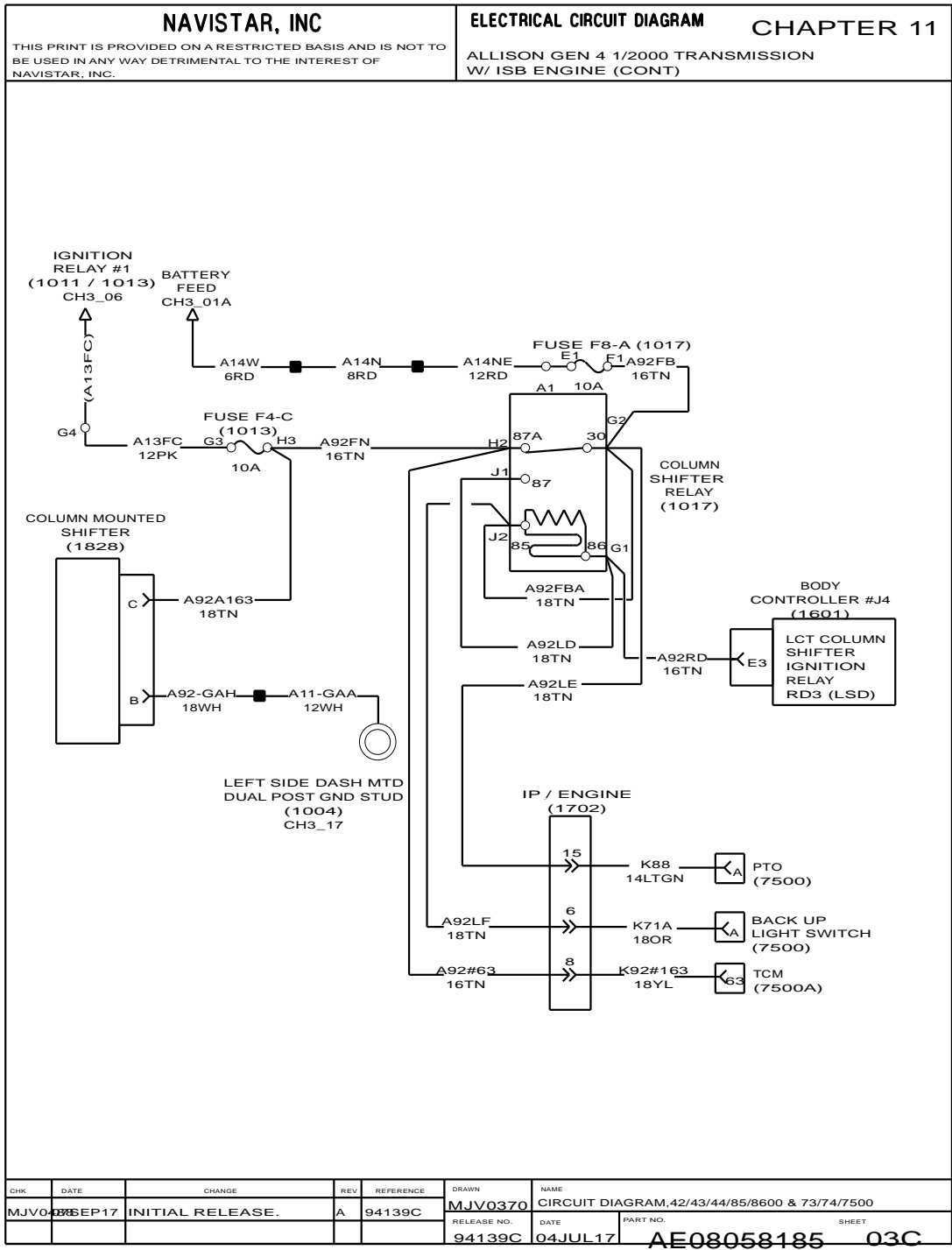


Figure 536 Allison GEN 4 1/2000 Transmission with ISB Engines (Cont.)

11.7. TRANSMISSION, ALLISON MD WITH I6 AND V8 ENGINES, P. 4

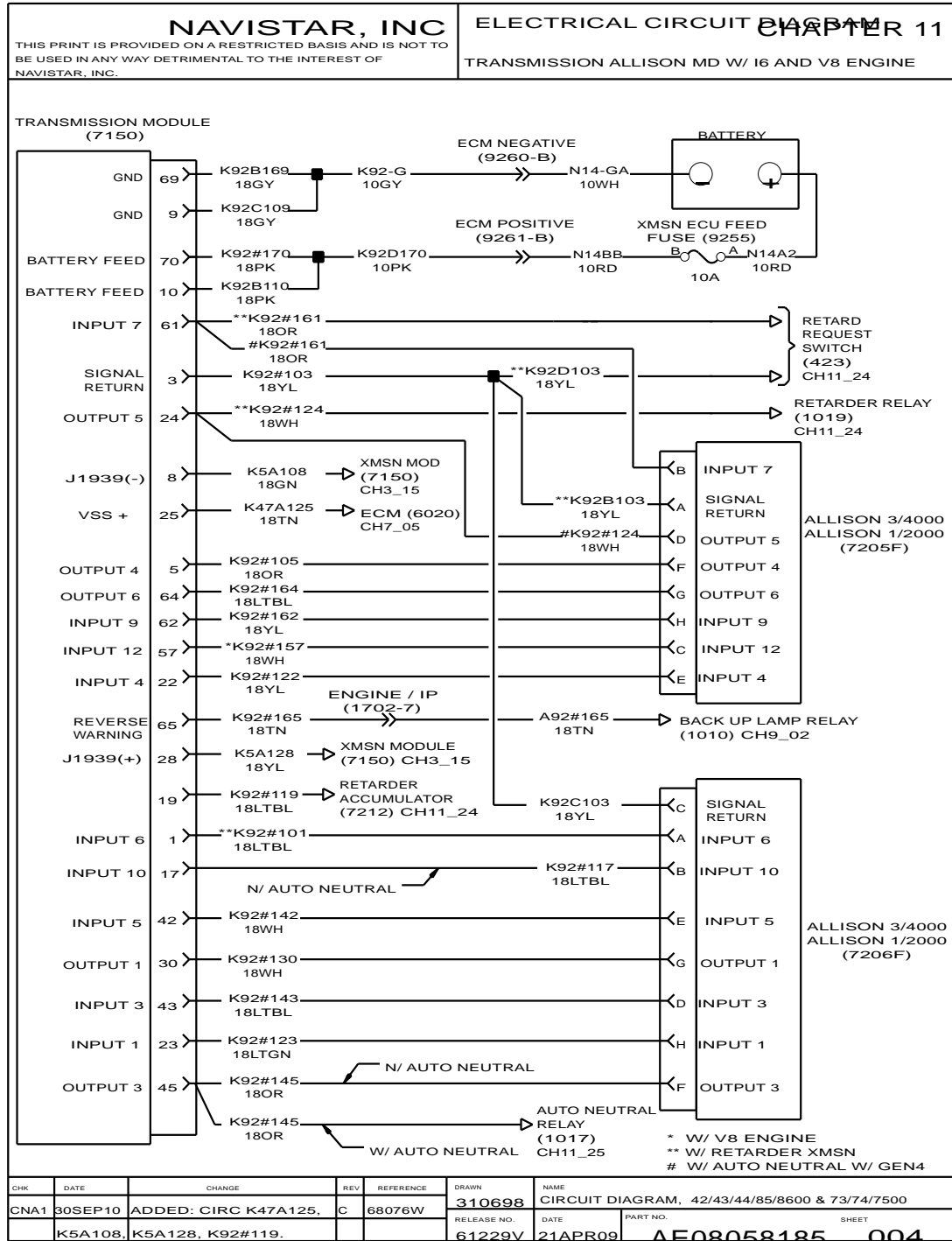


Figure 537 Transmission, Allison MD with I6 and V8 Engines

11.8. TRANSMISSION, ALLISON MD 3 / 4000 WITH I6 AND V8 ENGINES, P. 5

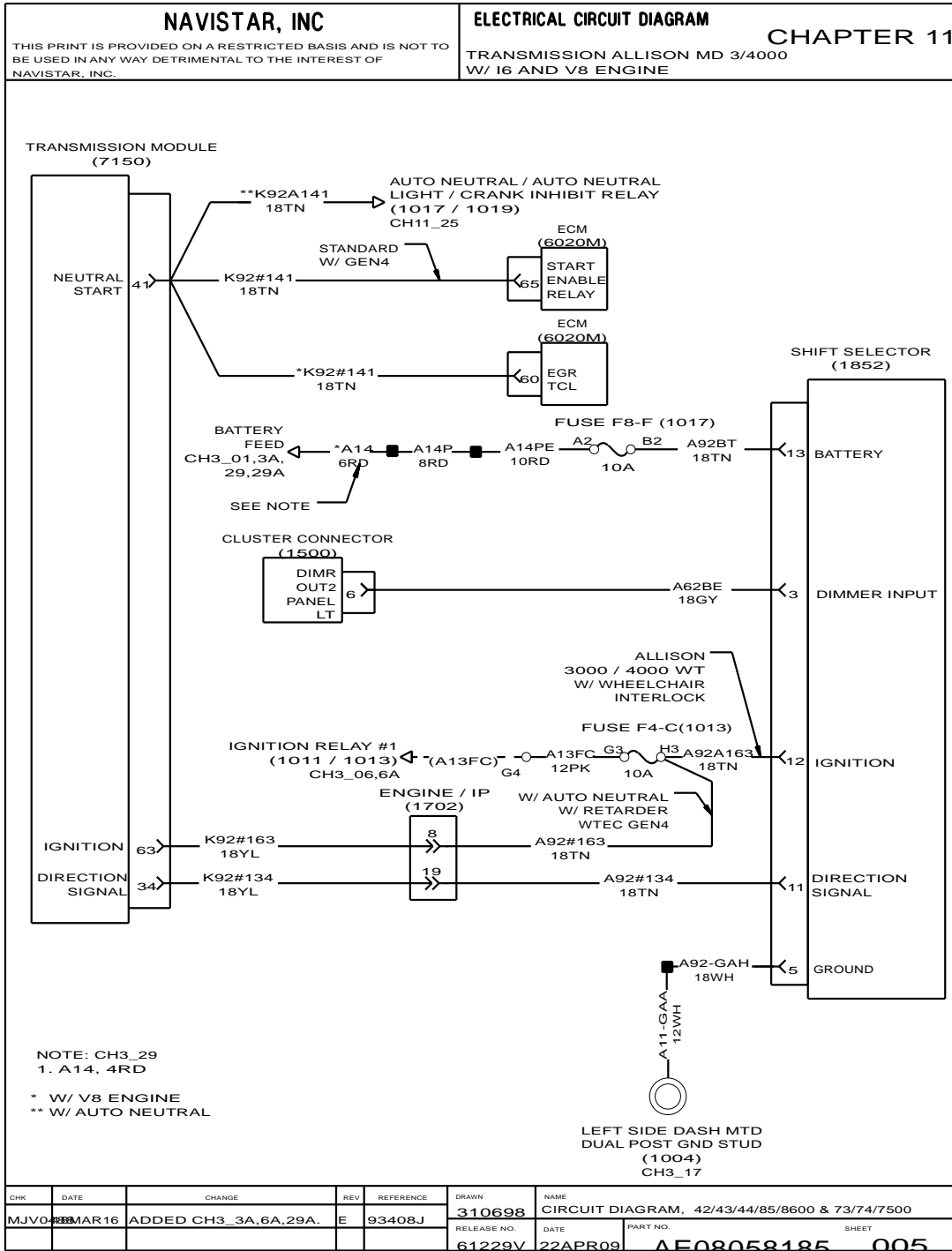


Figure 538 Transmission, Allison MD 3 / 4000 with I6 and V8 Engines

11.9. TRANSMISSION, ALLISON MD / HD (WTEC) WITH I6 AND V8 ENGINES, P. 6

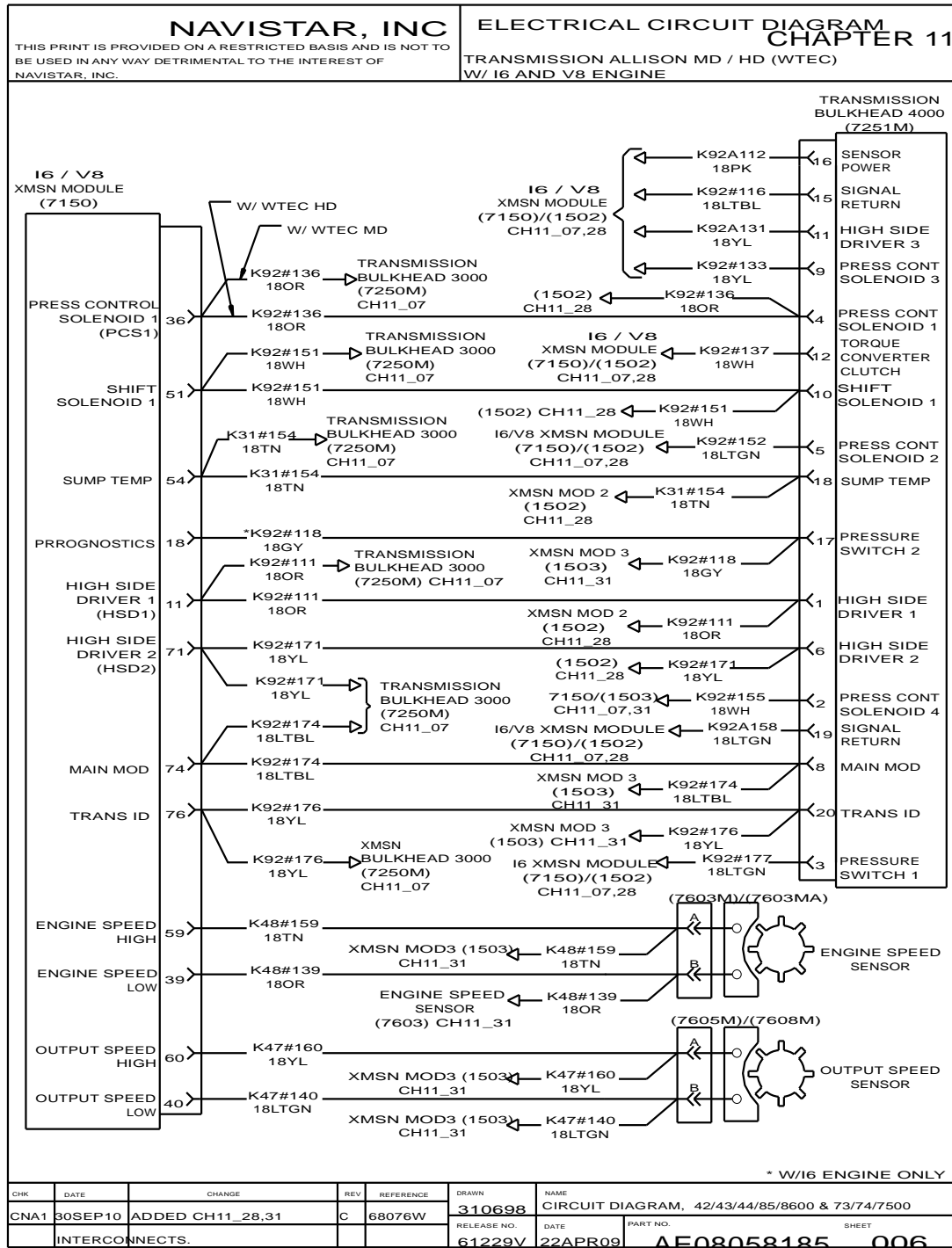


Figure 539 Transmission, Allison MD / HD (WTEC) with I6 and V8 Engines

11.10. TRANSMISSION, ALLISON MD / HD (WTEC) WITH I6 AND V8 ENGINES (CONT.), P. 7

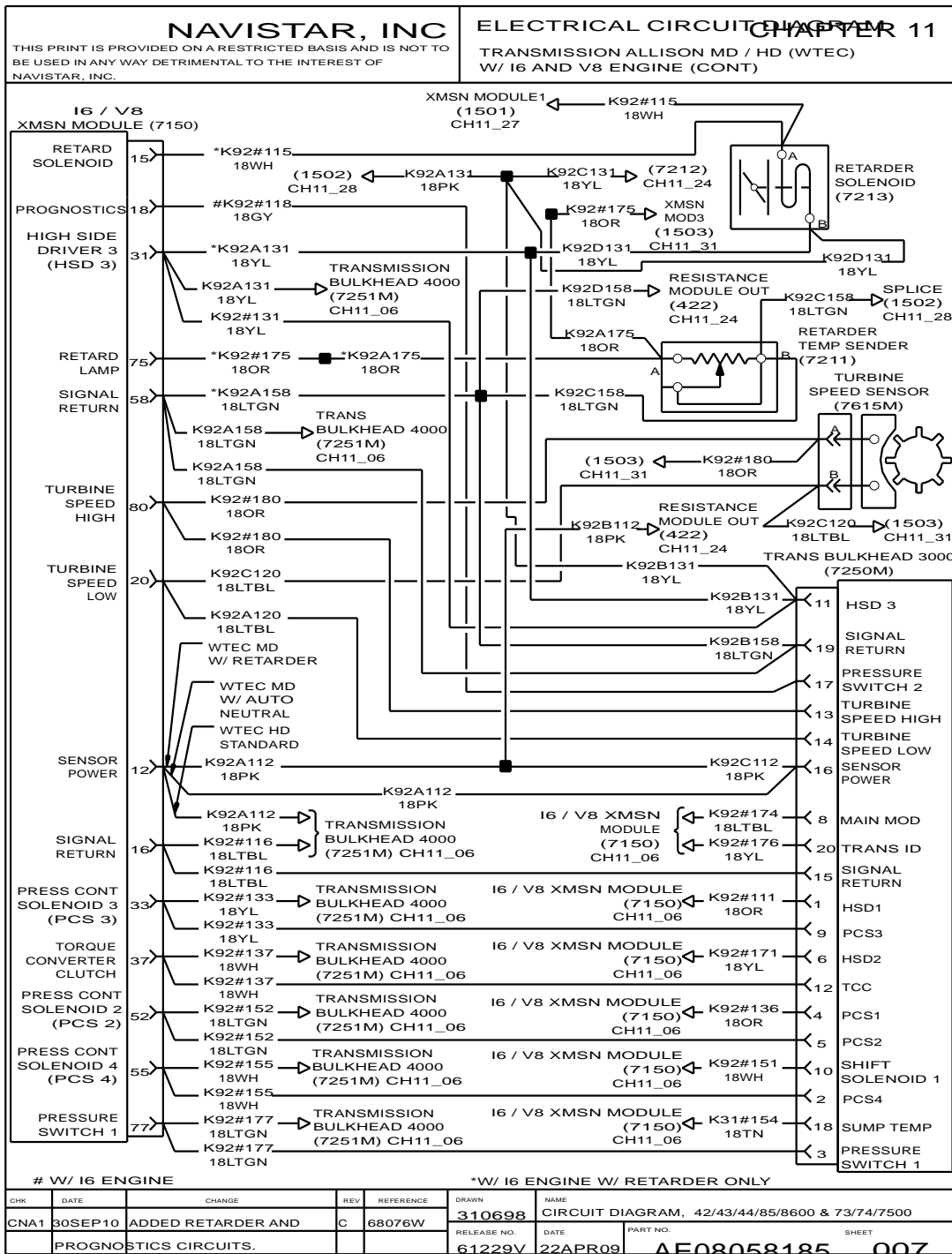


Figure 540 Transmission, Allison MD / HD (WTEC) with I6 and V8 Engines (Cont.)

11.11. TRANSMISSION, ALLISON MD (WTEC), P. 8

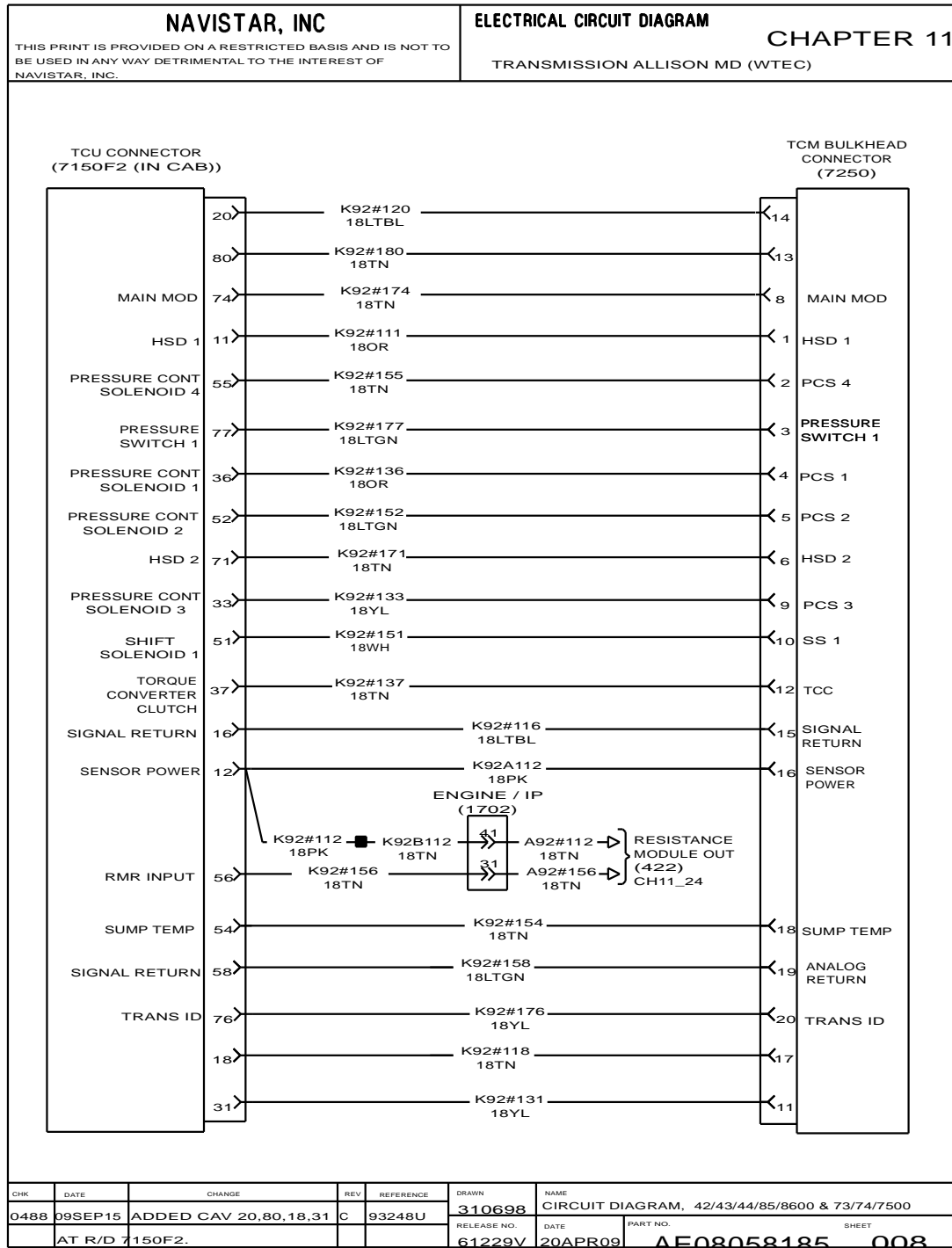


Figure 541 Transmission, Allison MD (WTEC)

11.12. TRANSMISSION, ALLISON MD (WTEC) (CONT.), P. 9

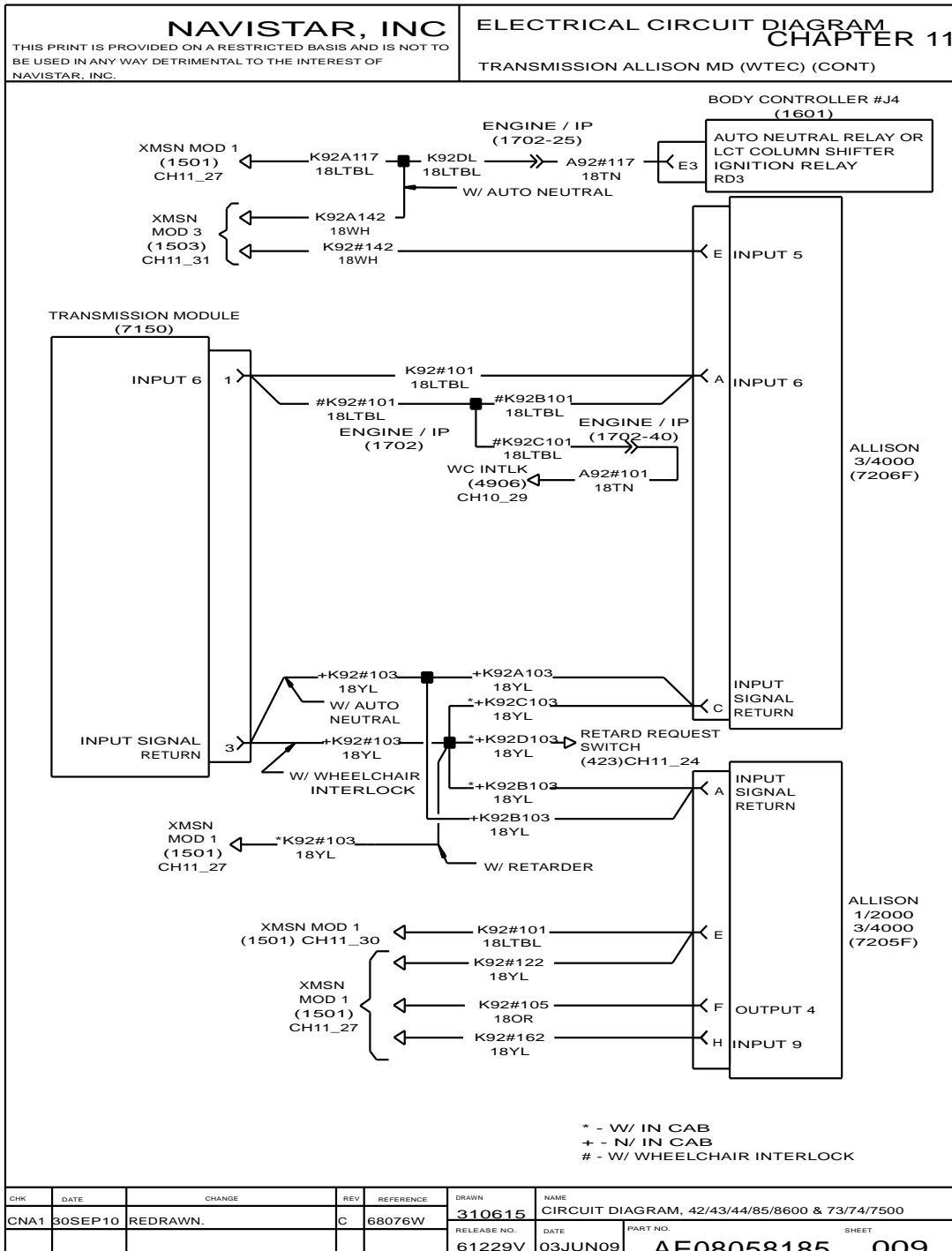


Figure 542 Transmission, Allison MD (WTEC) (Cont.)

11.13. EATON AUTOSHIFT, P. 10

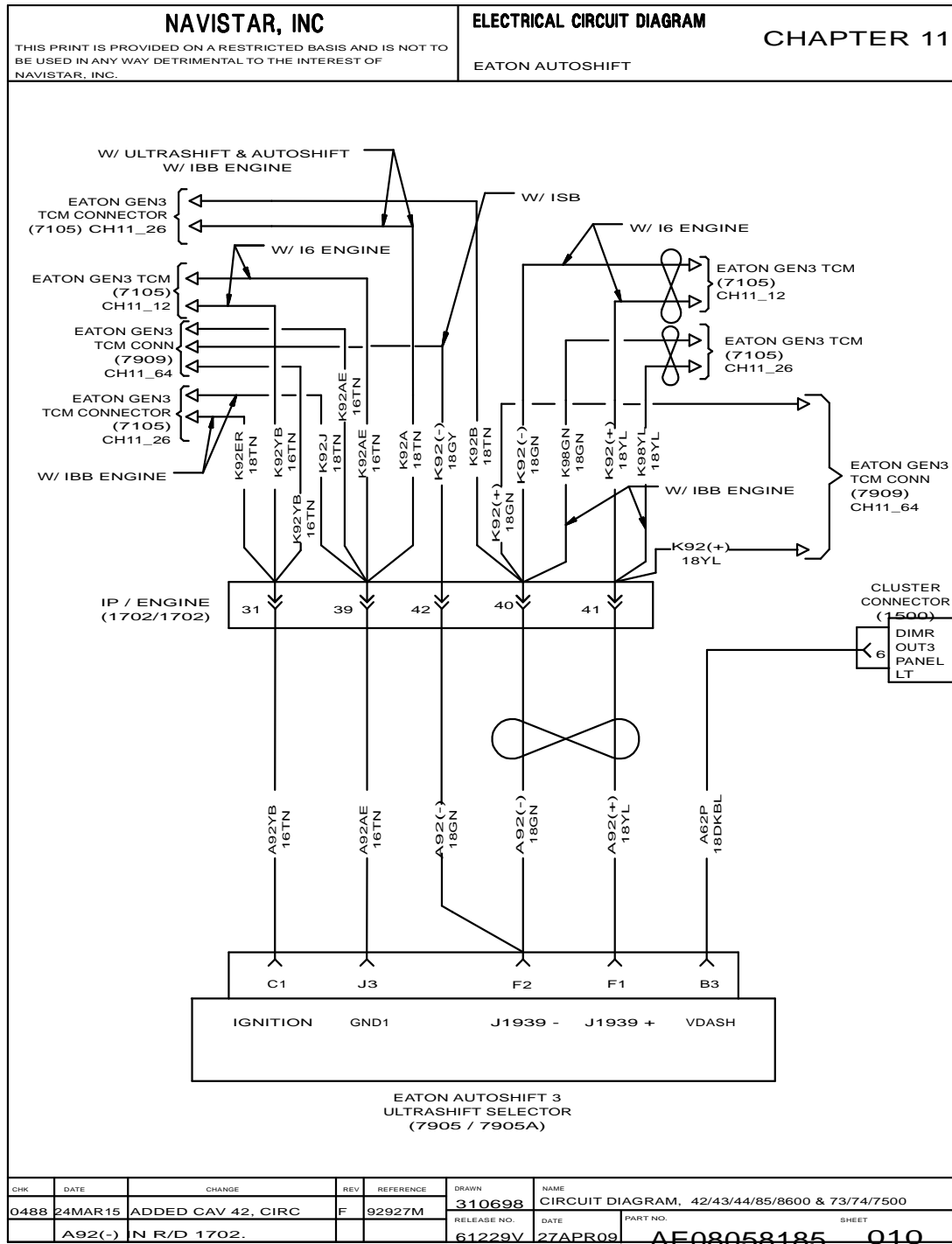


Figure 543 Eaton Autoshift

11.14. EATON AUTOSHIFT (CONT.), P. 11

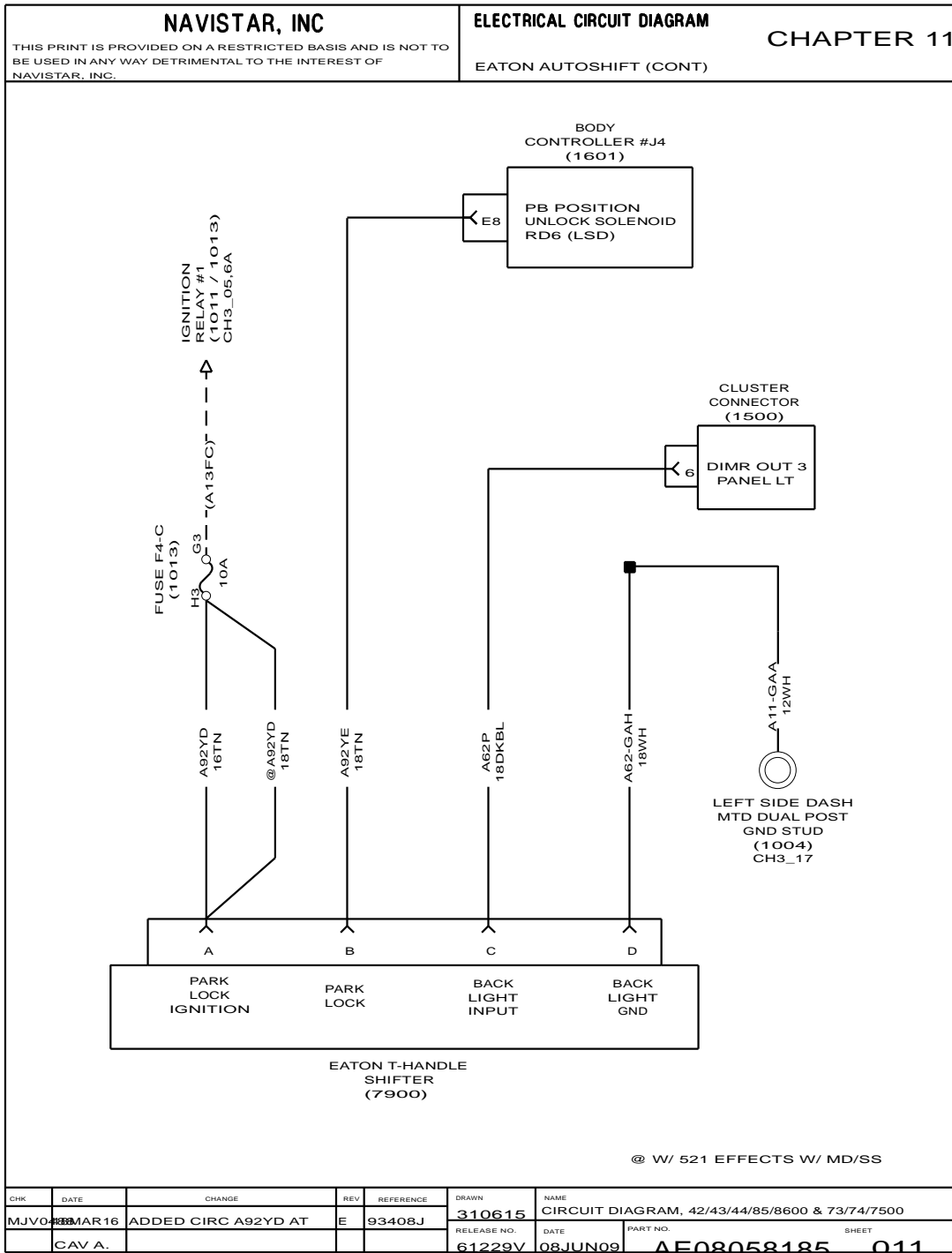


Figure 544 Eaton Autoshift (Cont.)

11.15. EATON AUTOSHIFT TRANSMISSION WITH I6 ENGINE, P. 12

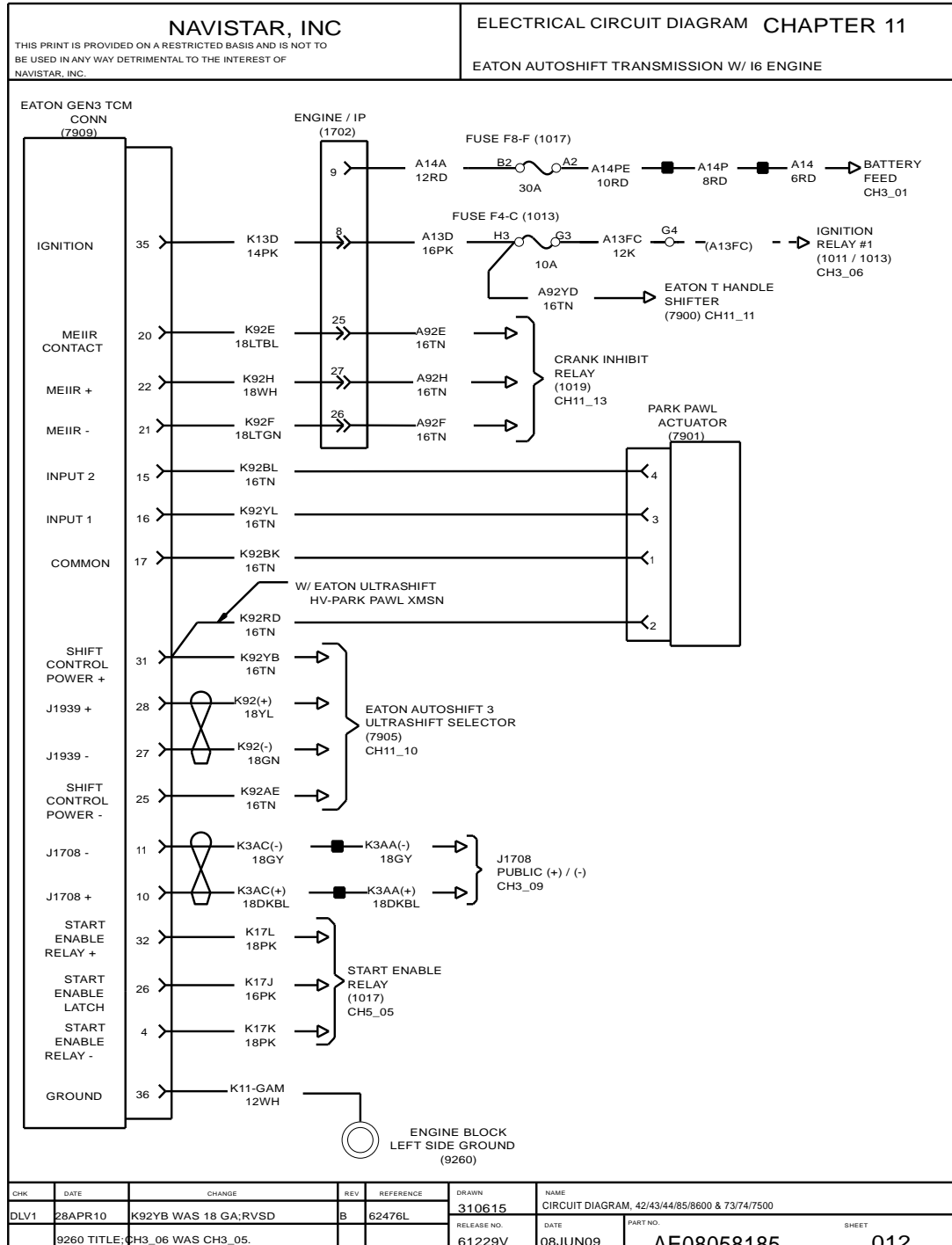


Figure 545 Eaton Autoshift Transmission with I6 Engine

11.16. EATON ULTRASHIFT GEN 3 / MERITOR G MANUAL TRANSMISSION, P. 13

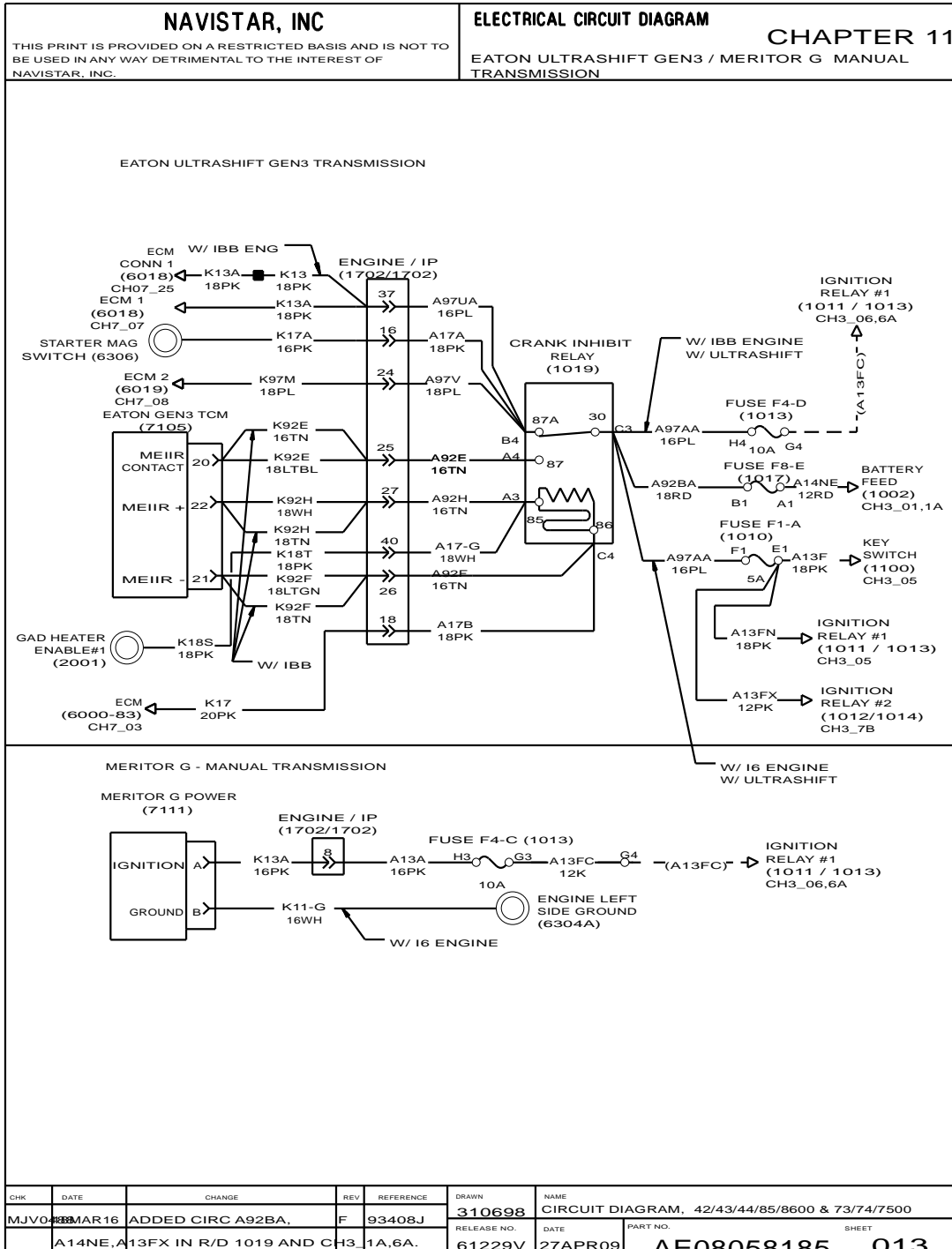


Figure 546 Eaton Ultrashift Gen 3 / Meritor G Manual Transmission

11.17. EATON HYBRID TRANSMISSION, P. 14

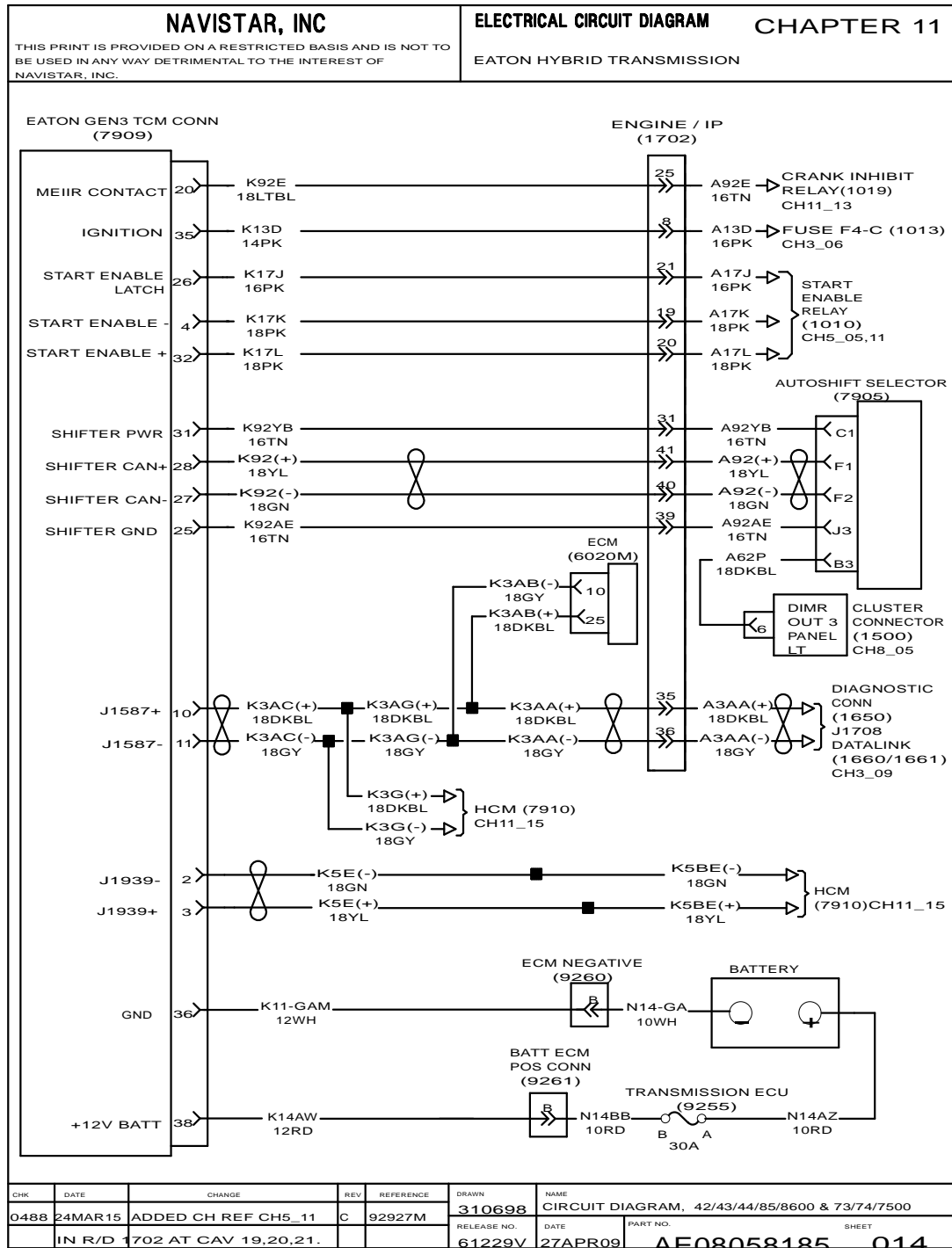


Figure 547 Eaton Hybrid Transmission

11.18. EATON HYBRID TRANSMISSION (CONT.), P. 15

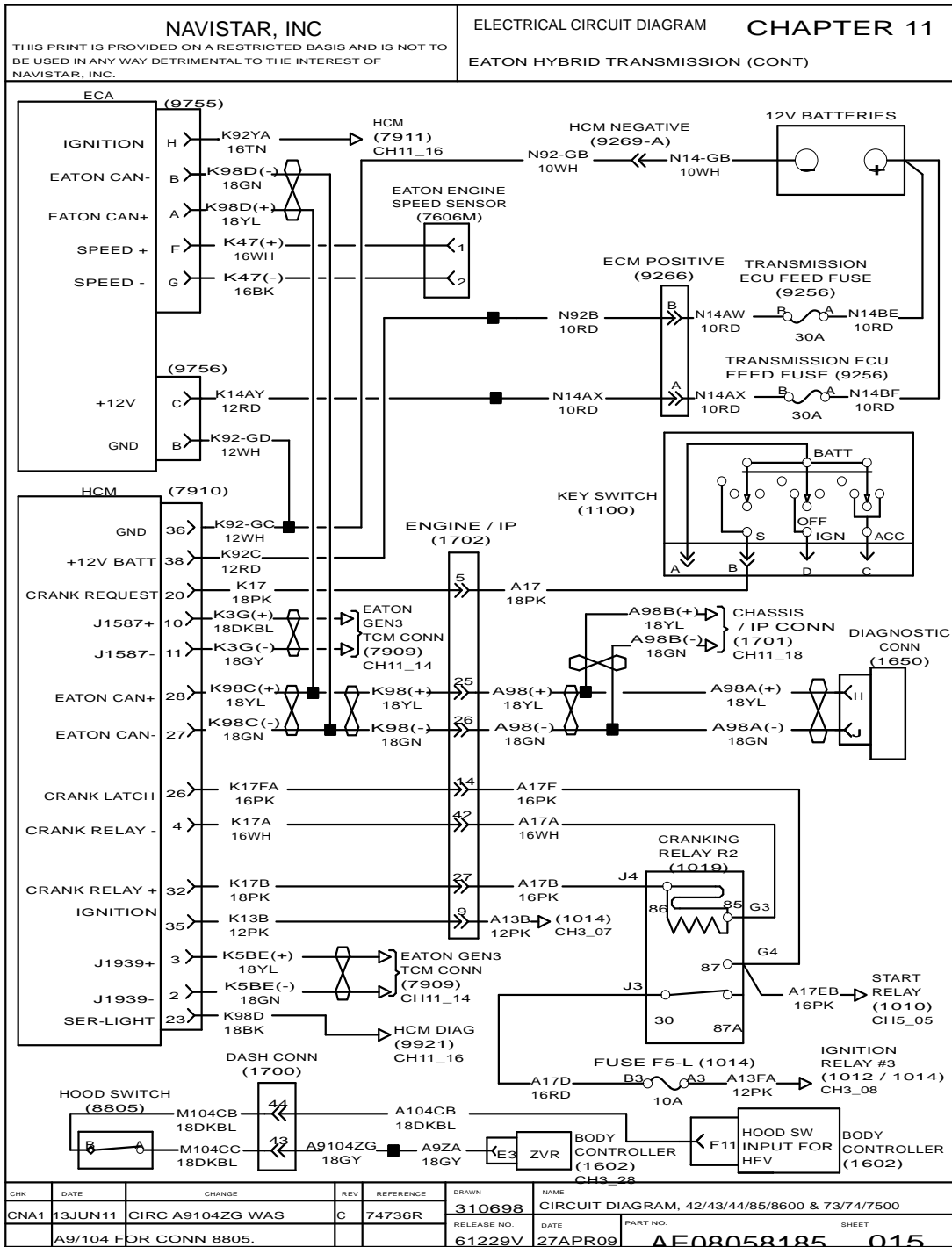


Figure 548 Eaton Hybrid Transmission (Cont.)

11.19. EATON HYBRID TRANSMISSION (CONT.), P. 16

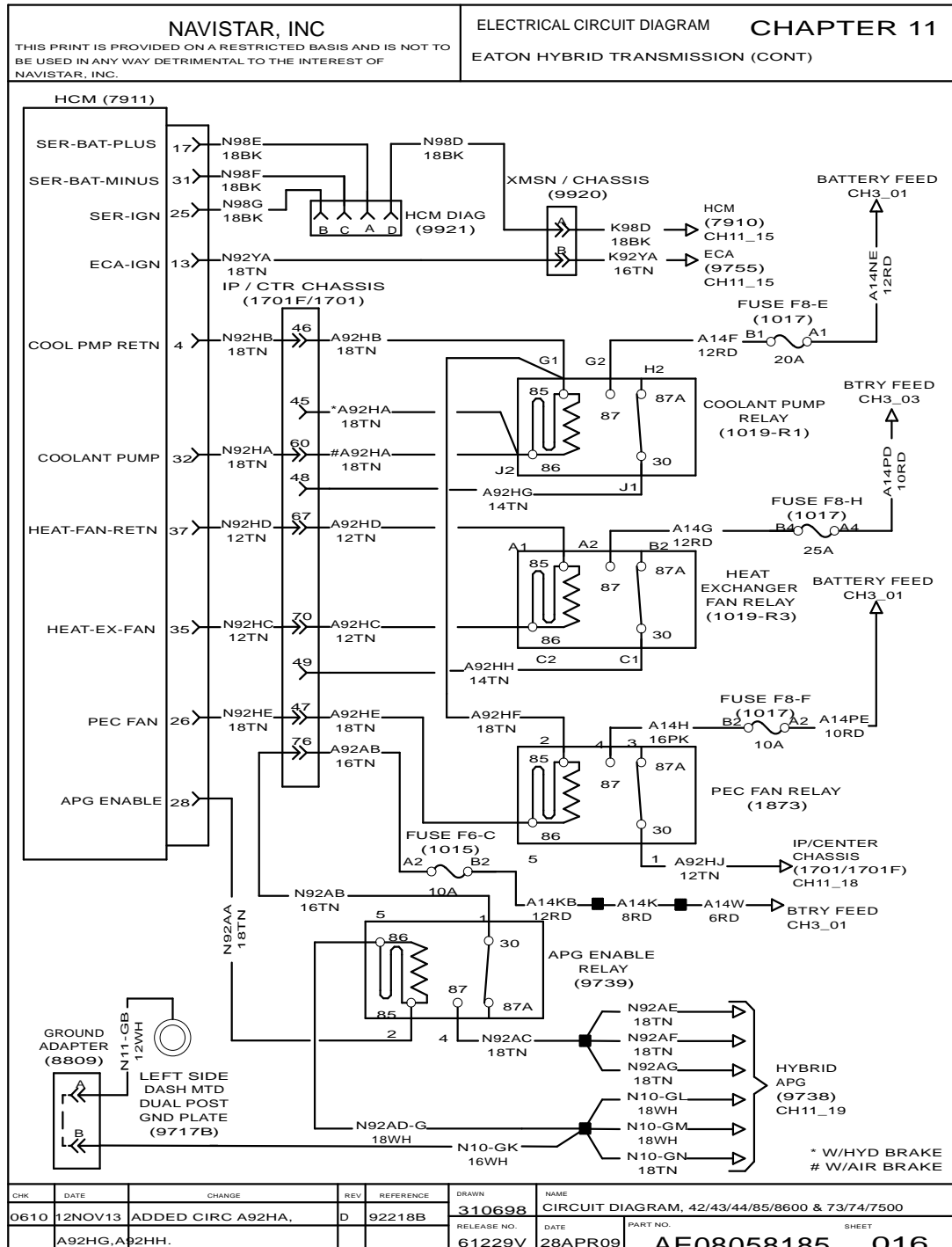


Figure 549 Eaton Hybrid Transmission (Cont.)

11.20. EATON HYBRID TRANSMISSION (CONT.), P. 17

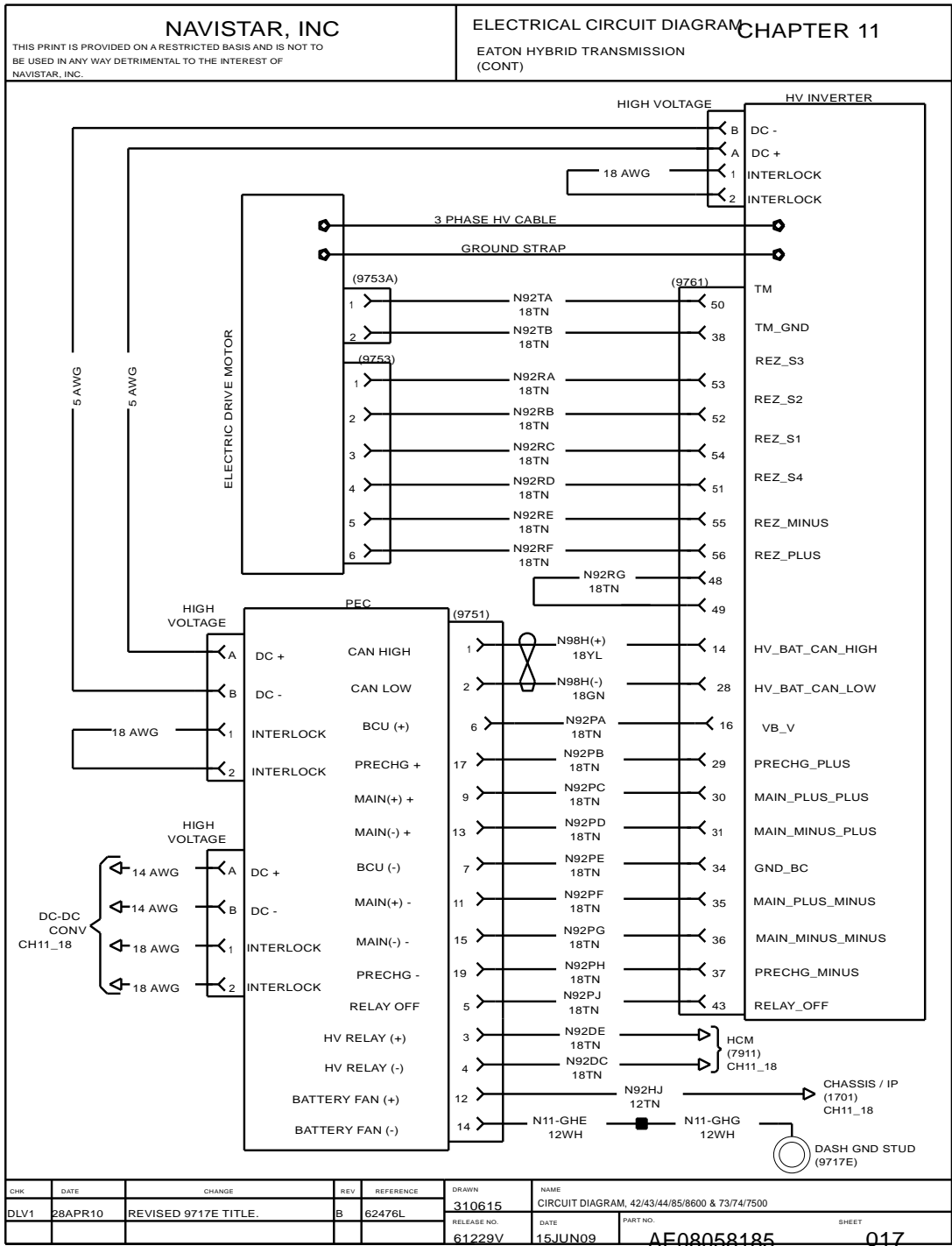


Figure 550 Eaton Hybrid Transmission (Cont.)

11.21. EATON HYBRID TRANSMISSION (CONT.), P. 18

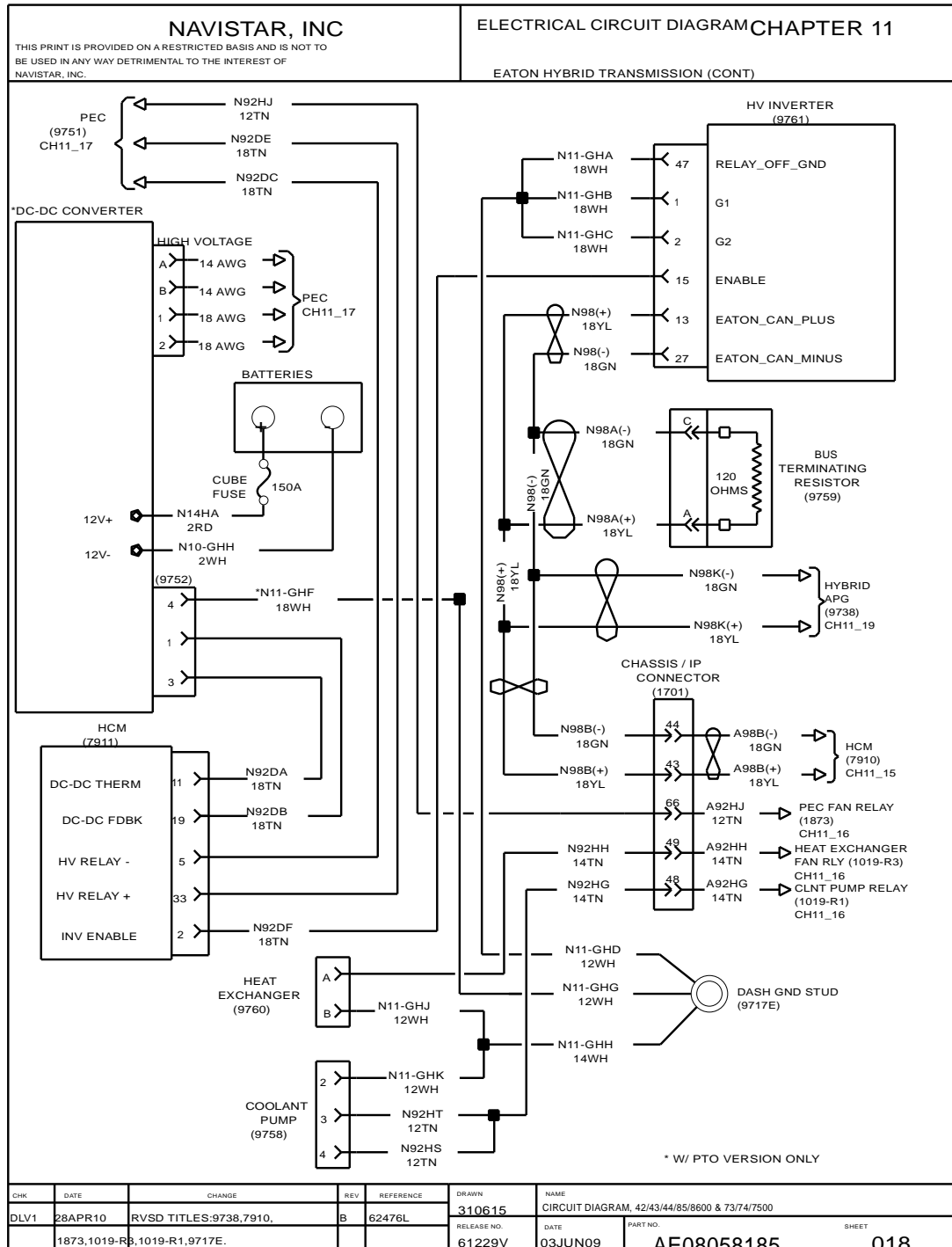


Figure 551 Eaton Hybrid Transmission (Cont.)

11.22. EATON HYBRID TRANSMISSION (CONT.), P. 19

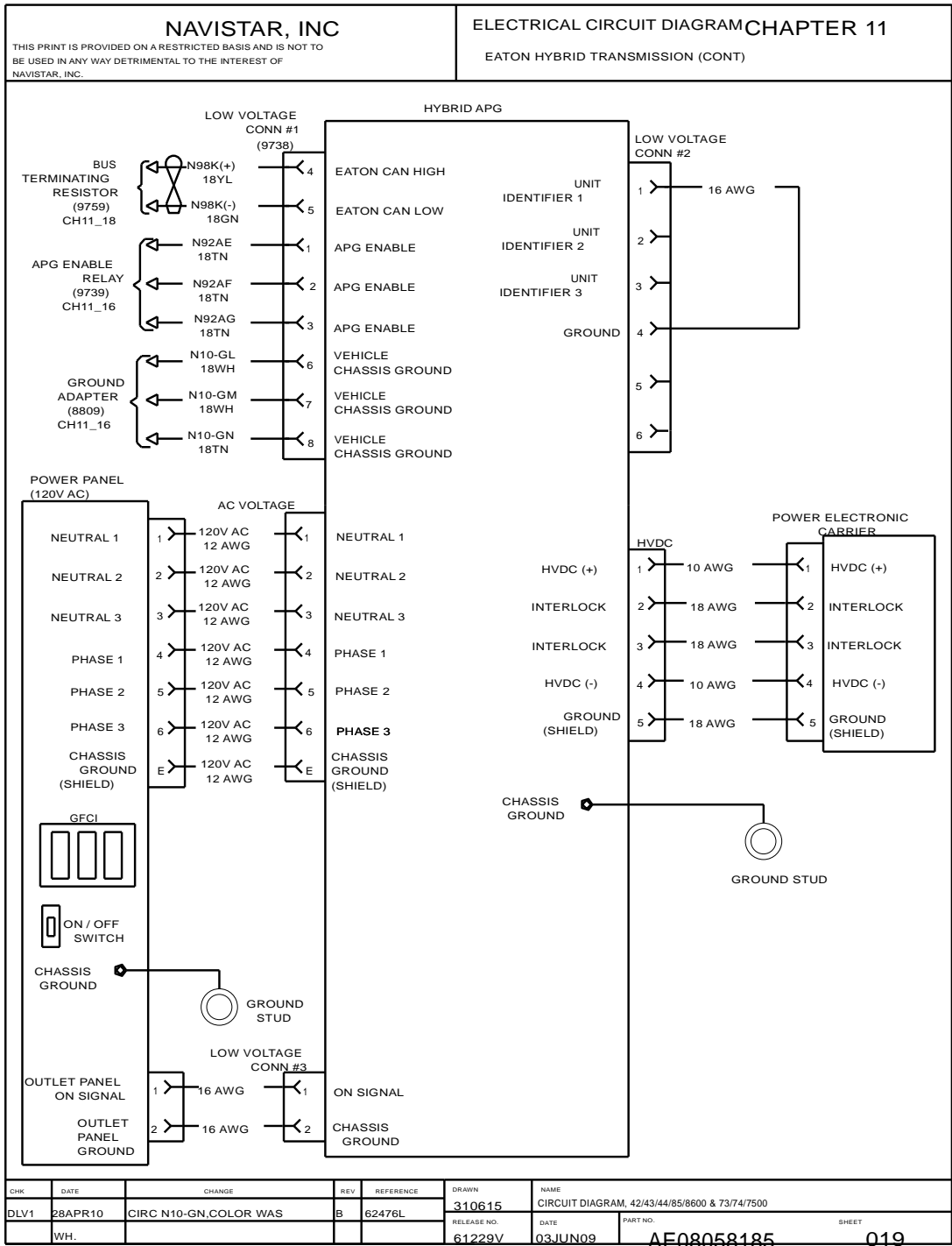


Figure 552 Eaton Hybrid Transmission (Cont.)

11.23. TRANSMISSION ALLISON WITH IBB ENGINE AND ISL-G, P. 20

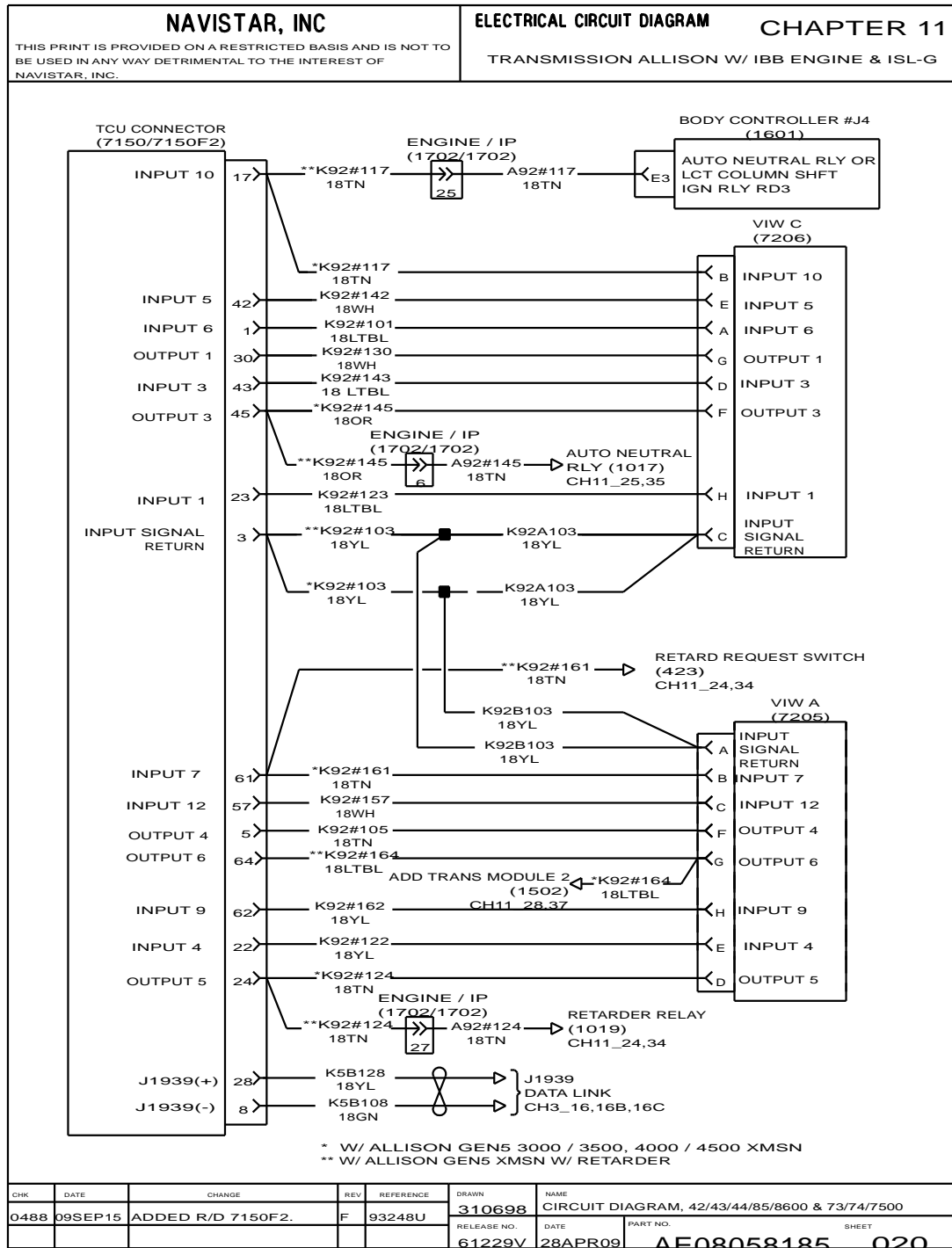


Figure 553 Transmission Allison with IBB Engine and ISL-G

11.24. TRANSMISSION ALLISON WITH IBB ENGINE AND ISL-G (CONT.), P. 21

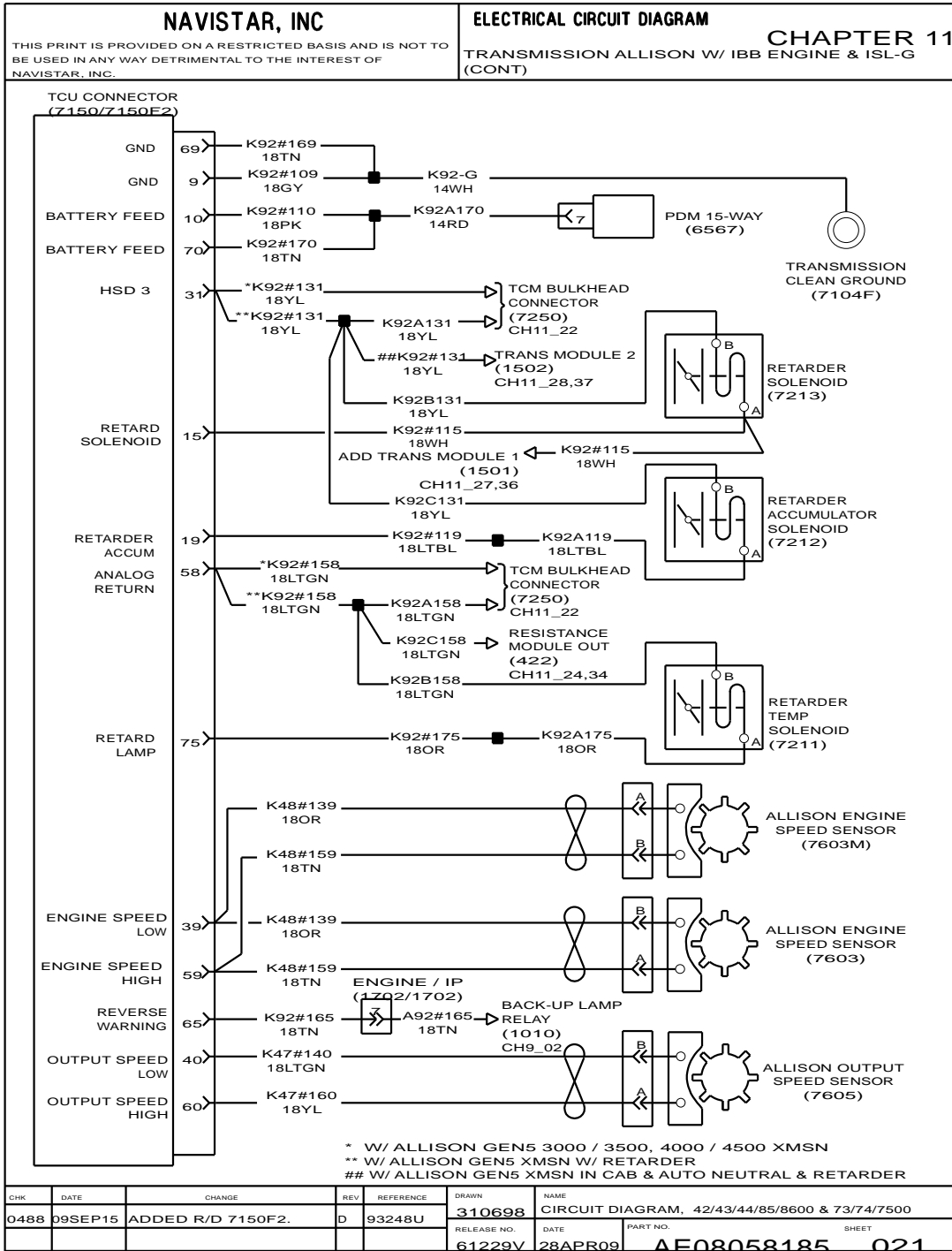


Figure 554 Transmission Allison with IBB Engine and ISL-G (Cont.)

11.25. TRANSMISSION ALLISON WITH IBB ENGINE AND ISL-G (CONT.), P. 22

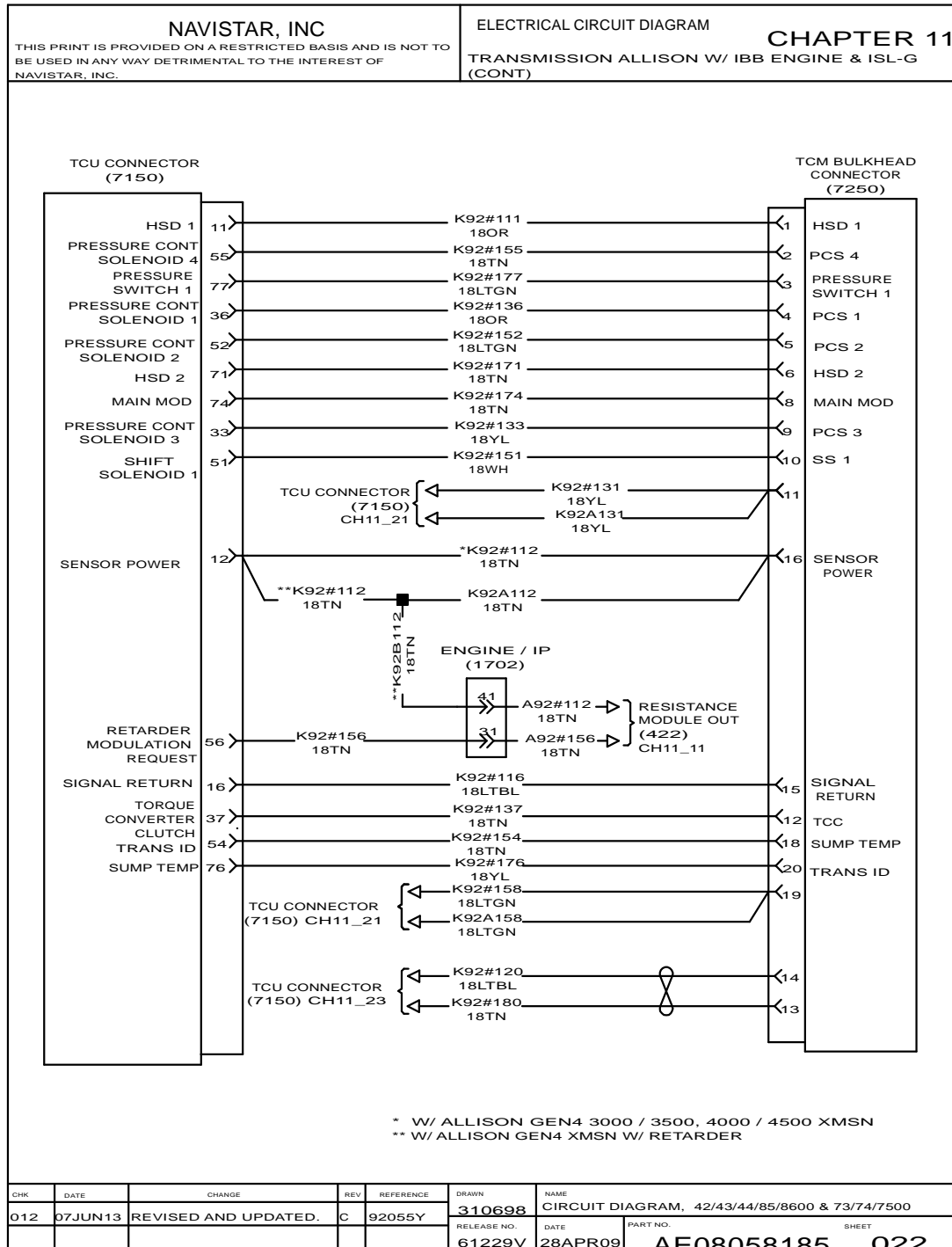


Figure 555 Transmission Allison with IBB Engine and ISL-G (Cont.)

11.26. TRANSMISSION ALLISON WITH IBB ENGINE AND ISL-G (CONT.), P. 23

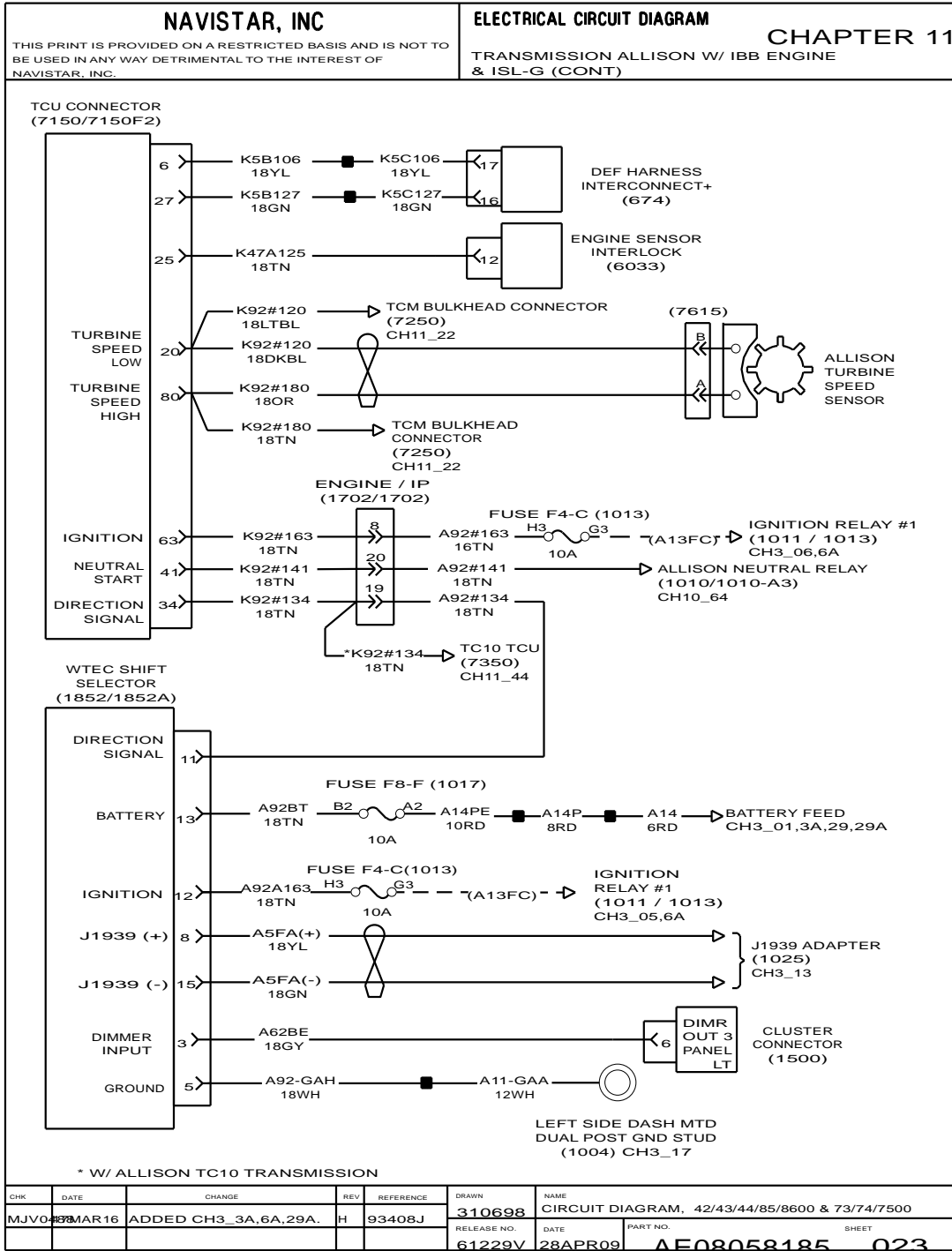


Figure 556 Transmission Allison with IBB Engine and ISL-G (Cont.)

11.27. TRANSMISSION RETARDER CONTROLS WIRING WITH MD TRANSMISSION HARD WIRED EFFECTS, P. 24

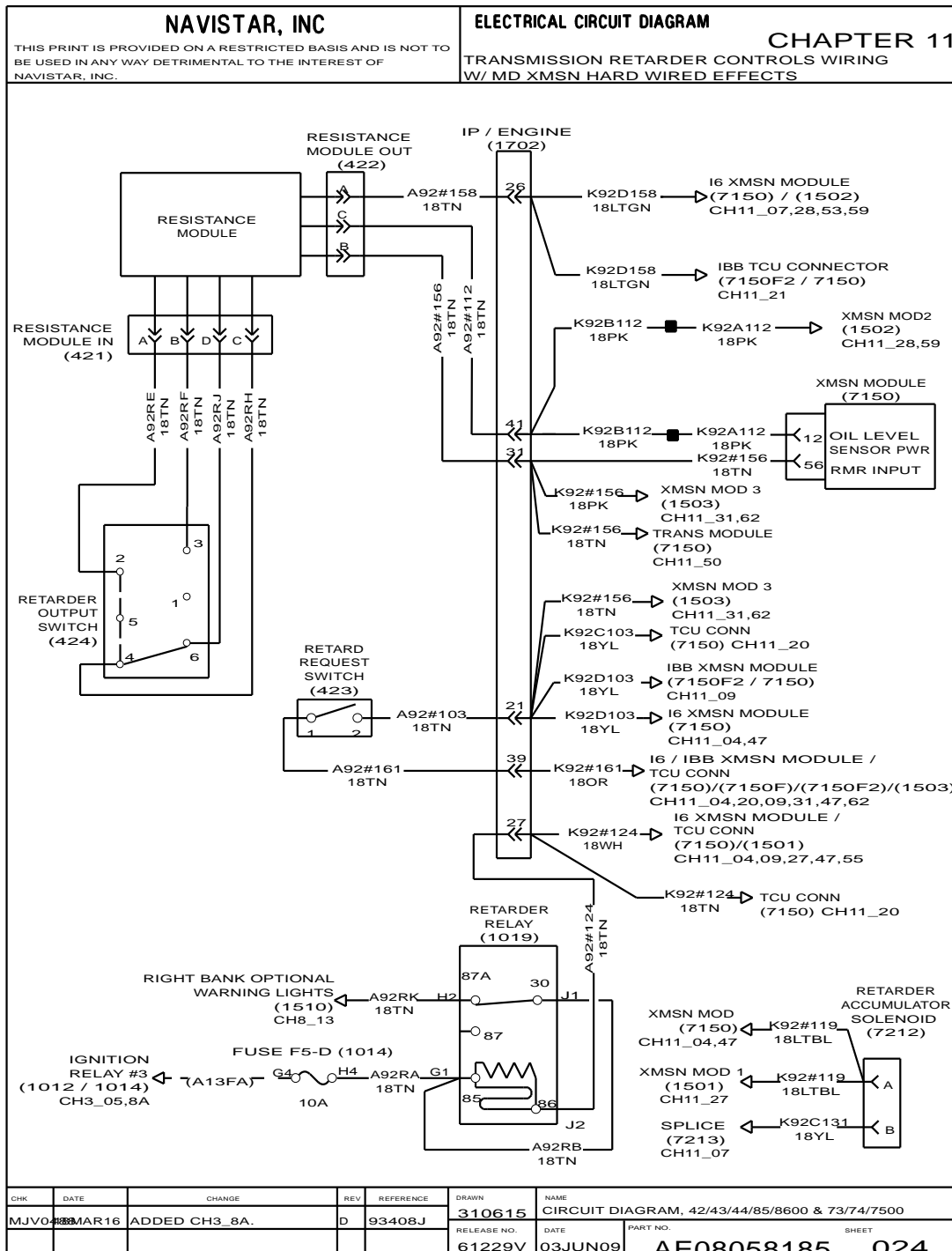


Figure 557 Transmission Retarder Controls Wiring with MD Transmission Hard Wired Effects

11.28. TRANSMISSION RETARDER CONTROLS WIRING WITH MD TRANSMISSION HARD WIRED EFFECTS, P. 24A

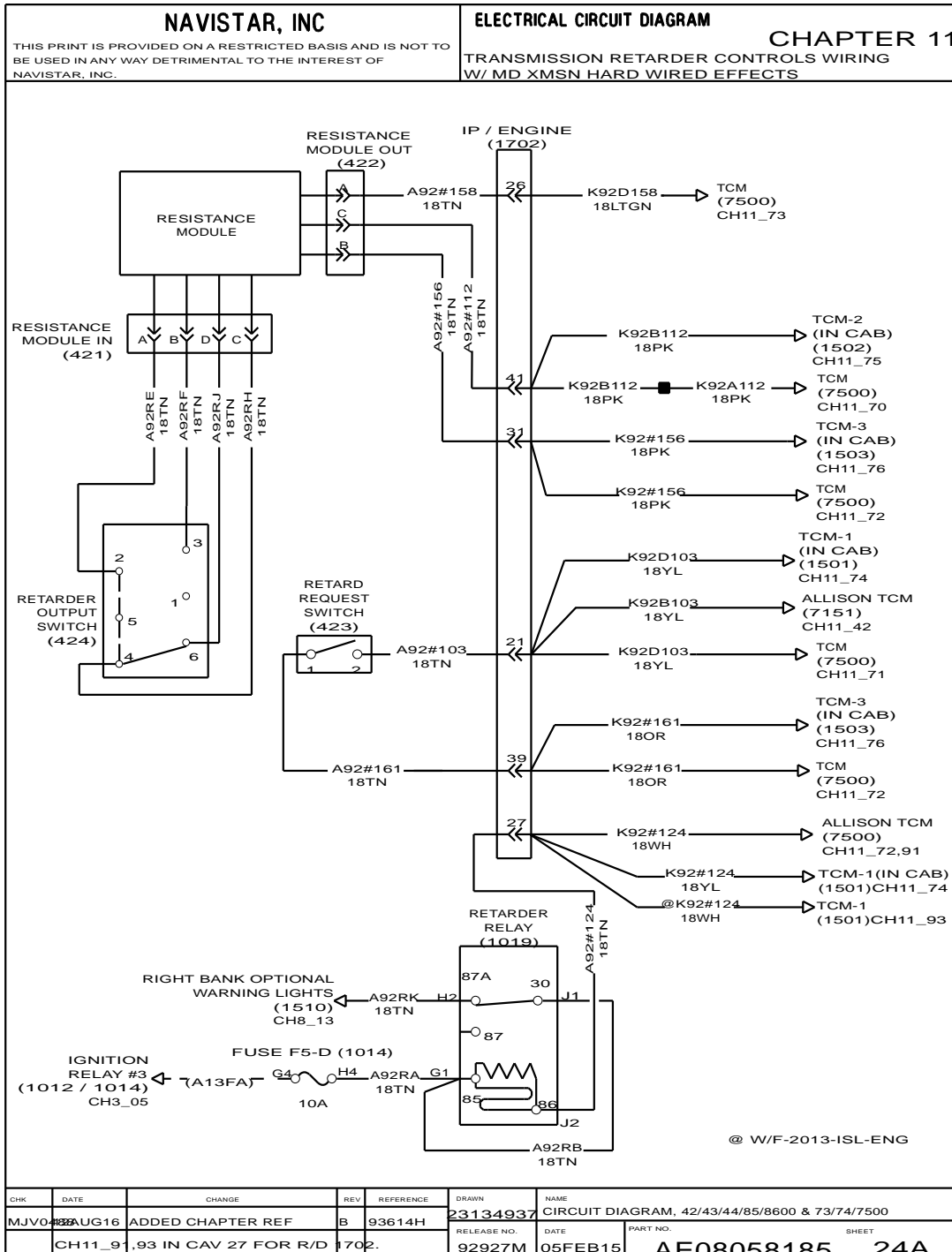


Figure 558 Transmission Retarder Controls Wiring with MD Transmission Hard Wired Effects

11.29. ALLISON TRANSMISSION 3 / 4000 GEN 4 WITH AUTO NEUTRAL, P. 25

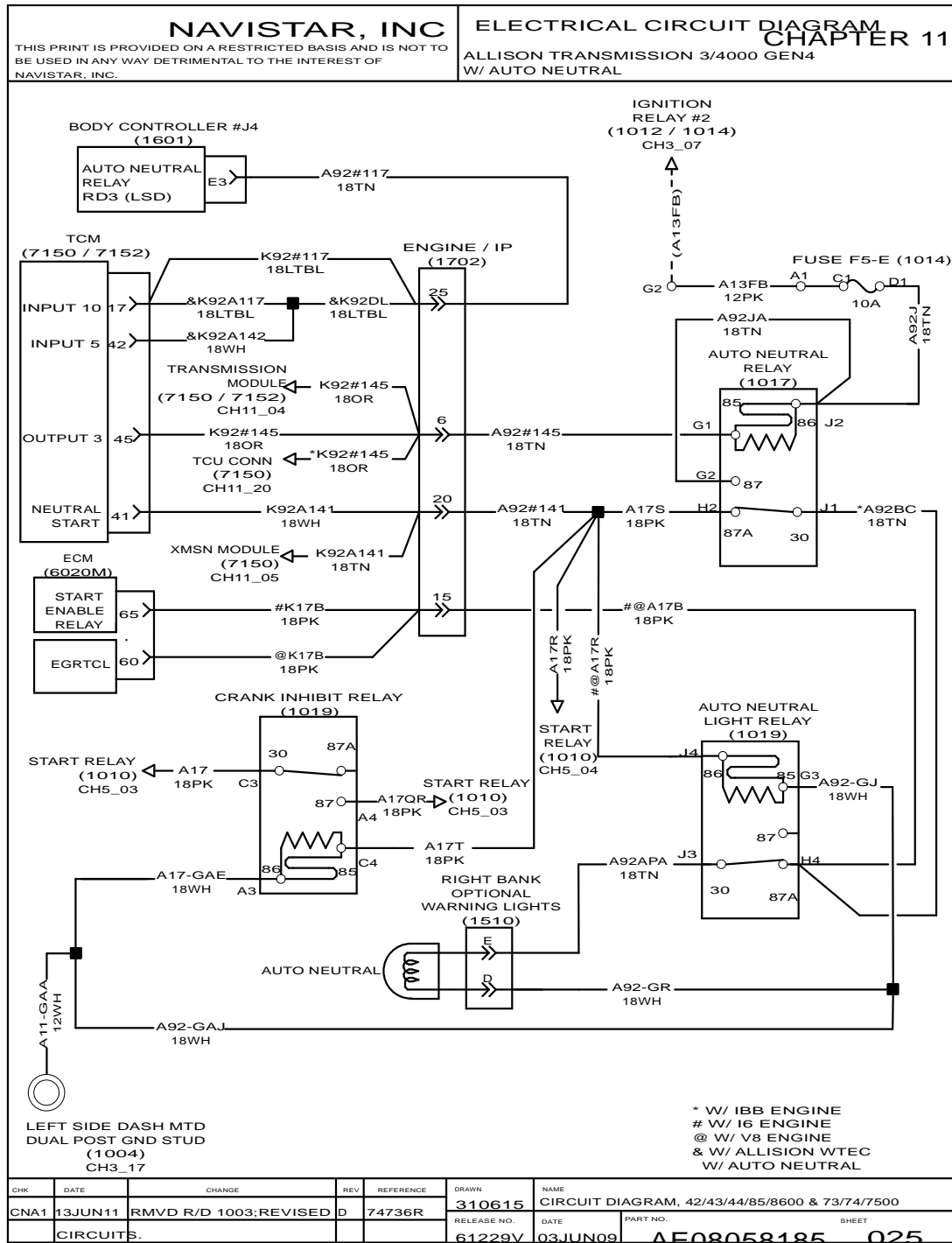


Figure 559 Allison Transmission 3 / 4000 Gen 4 with Auto Neutral

11.30. ALLISON TRANSMISSION 3 / 4000 GEN 4 WITH AUTO NEUTRAL AND ISB ONLY, P. 25A

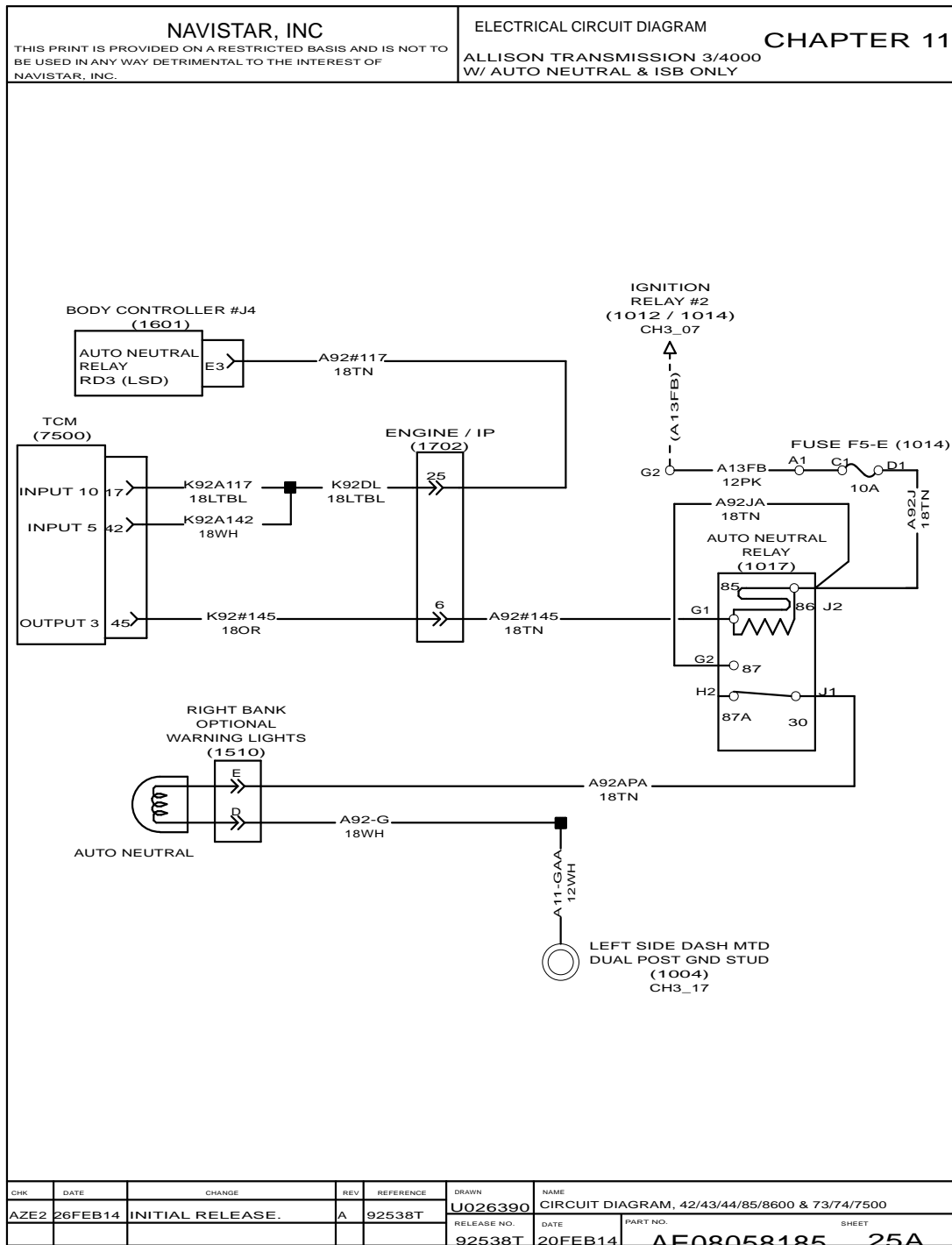


Figure 560 Allison Transmission 3 / 4000 Gen 4 with Auto Neutral and ISB Only

11.31. TRANSMISSION WITH ISB WITH AUTO NEUTRAL, P. 25B

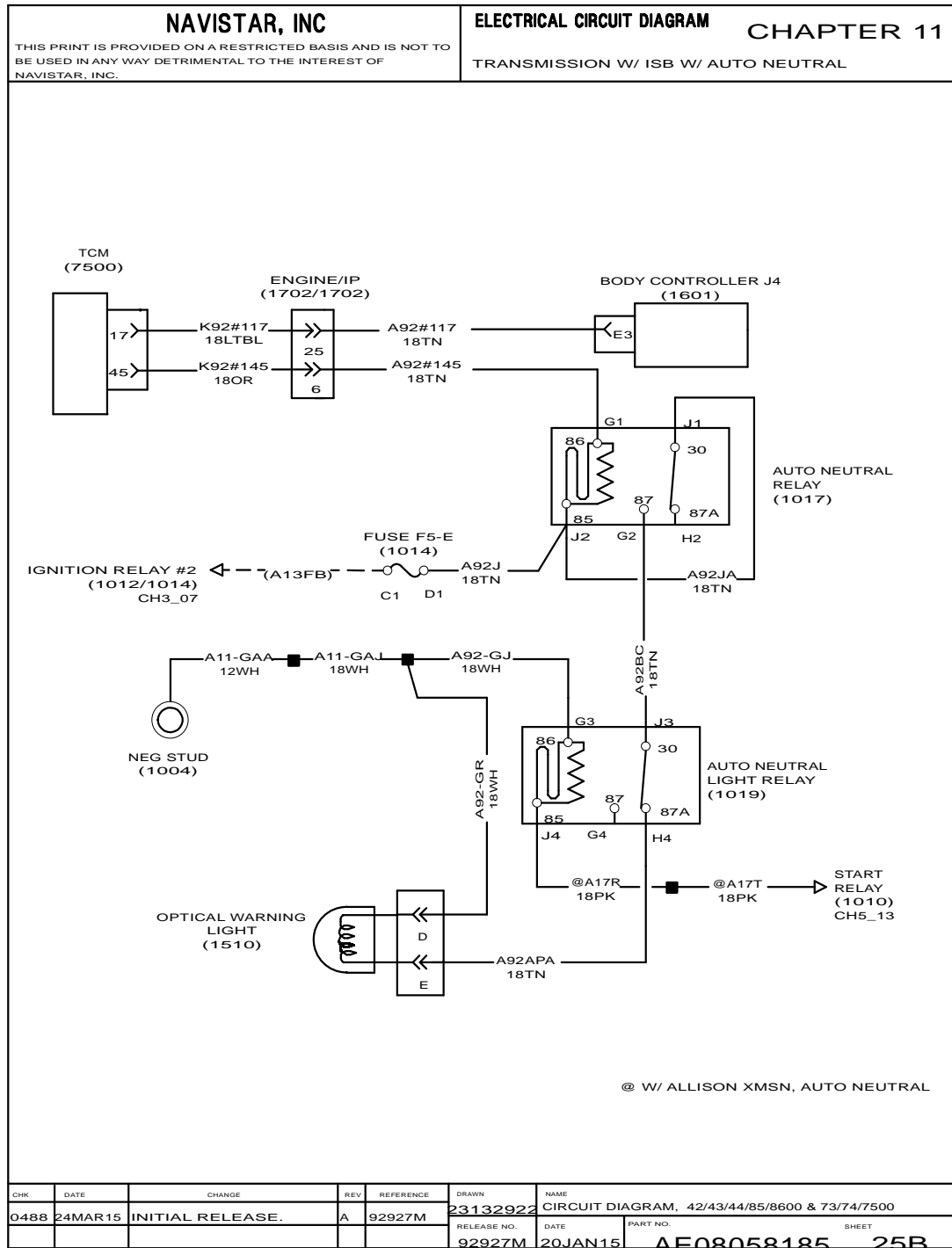


Figure 561 Transmission with ISB with Auto Neutral

11.32. ALLISON TRANSMISSION WITH AUTO NEUTRAL, P. 25C

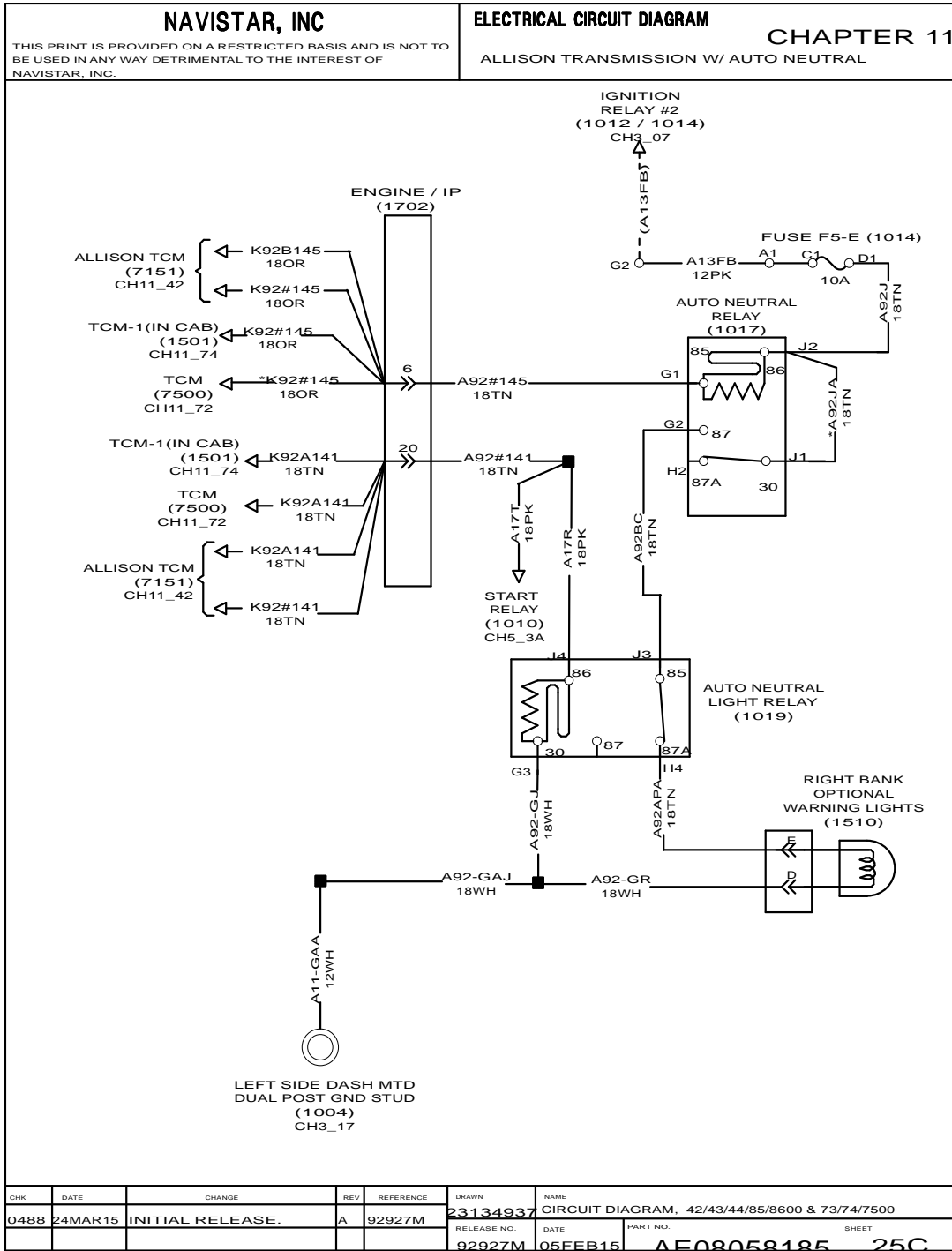


Figure 562 Allison Transmission with Auto Neutral

11.33. EATON AUTO AND ULTRASHIFT GEN 3 TRANSMISSION WITH IBB ENGINE, P. 26

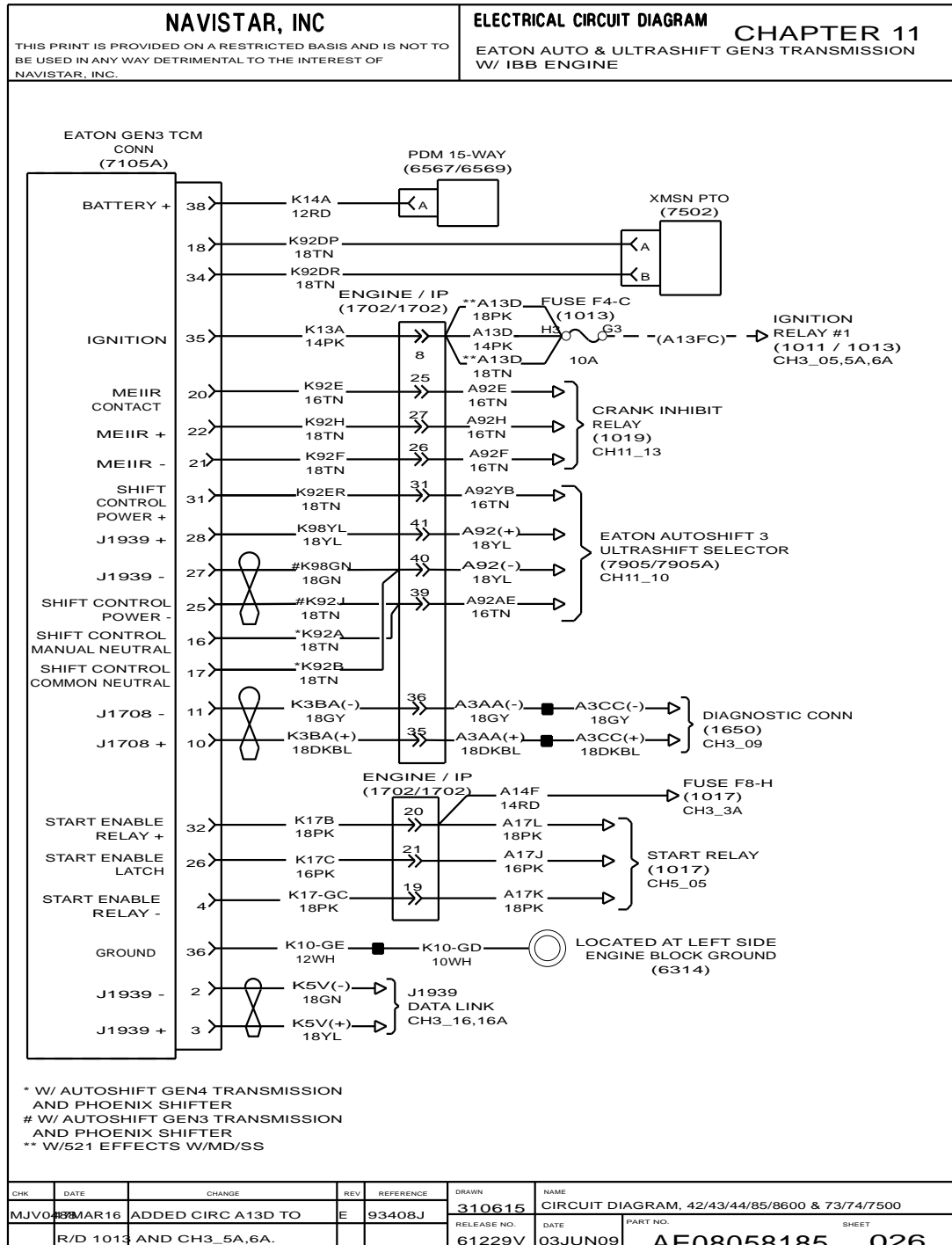


Figure 563 Eaton Auto and Ultrashift Gen 3 Transmission with IBB Engine

11.34. WTEC TRANSMISSION WITH GEN4 WITH MD WITH I6 ENGINE – IN CAB, P. 27

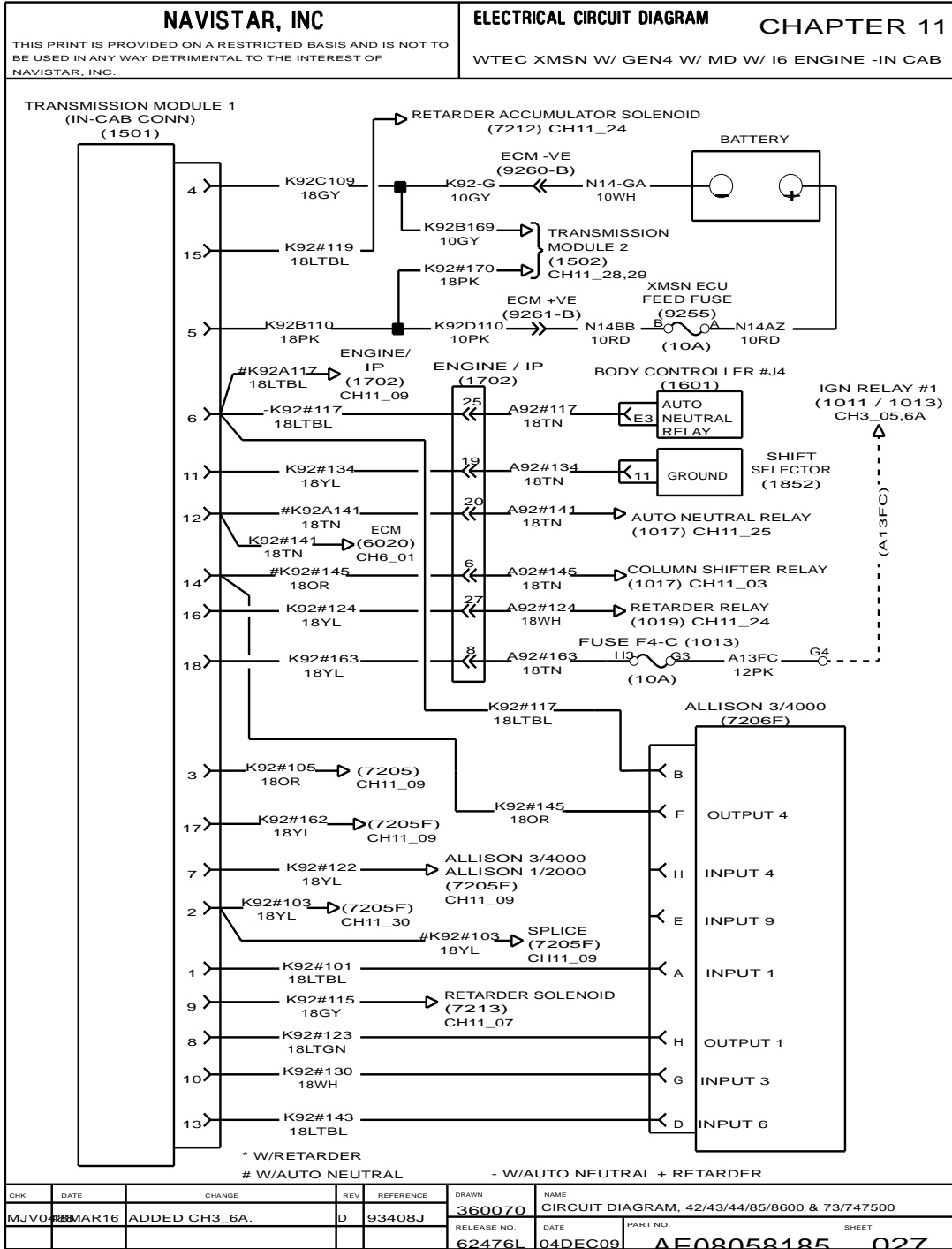


Figure 564 WTEC Transmission with Gen4 with MD with I6 Engine – In Cab

11.35. WTEC TRANSMISSION WITH GEN4 WITH MD WITH I6 ENGINE (CONT.), P. 28

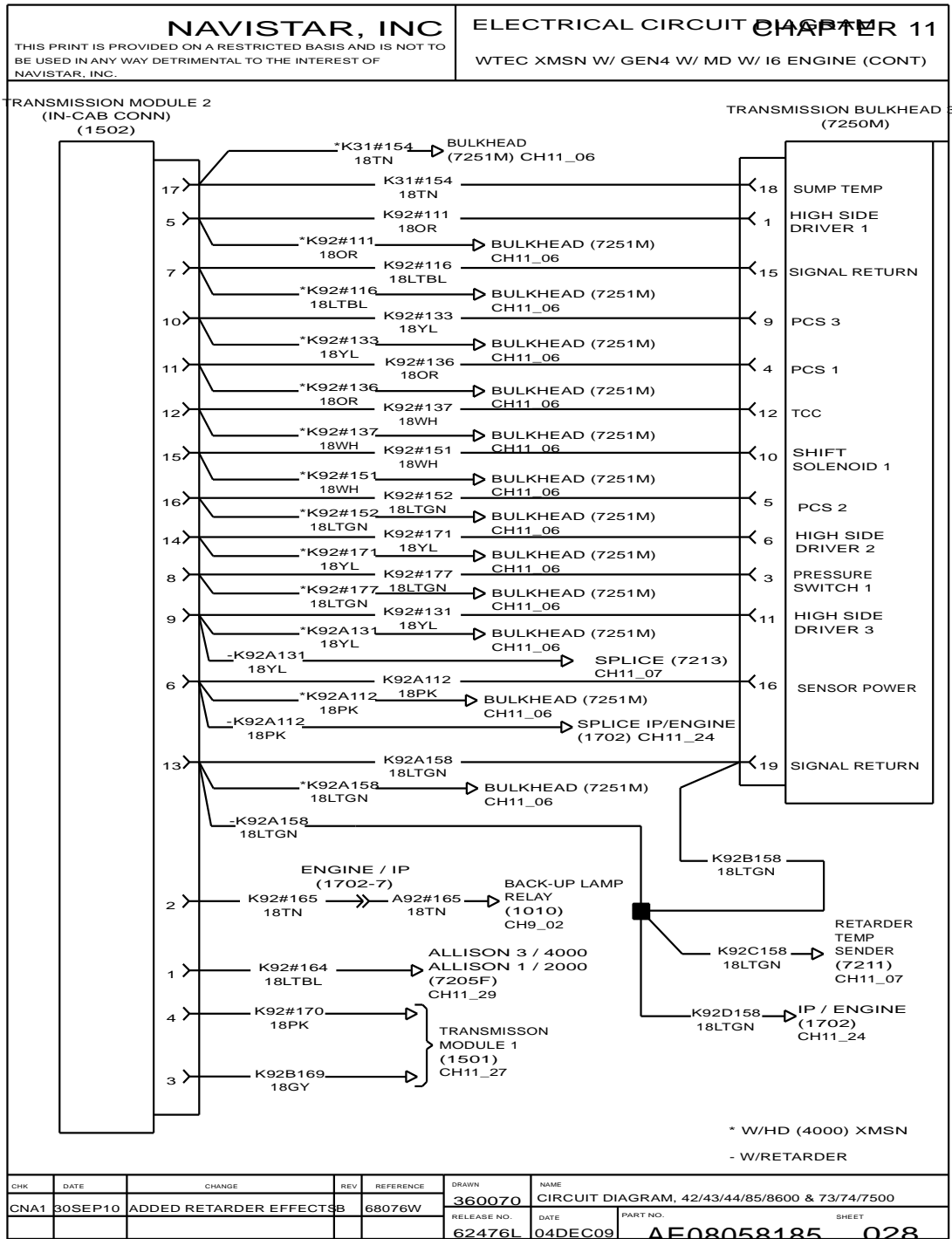


Figure 565 WTEC Transmission with Gen4 with MD with I6 Engine (Cont.)

11.36. WTEC TRANSMISSION WITH GEN4 WITH MD WITH I6 ENGINE (CONT.), P. 28

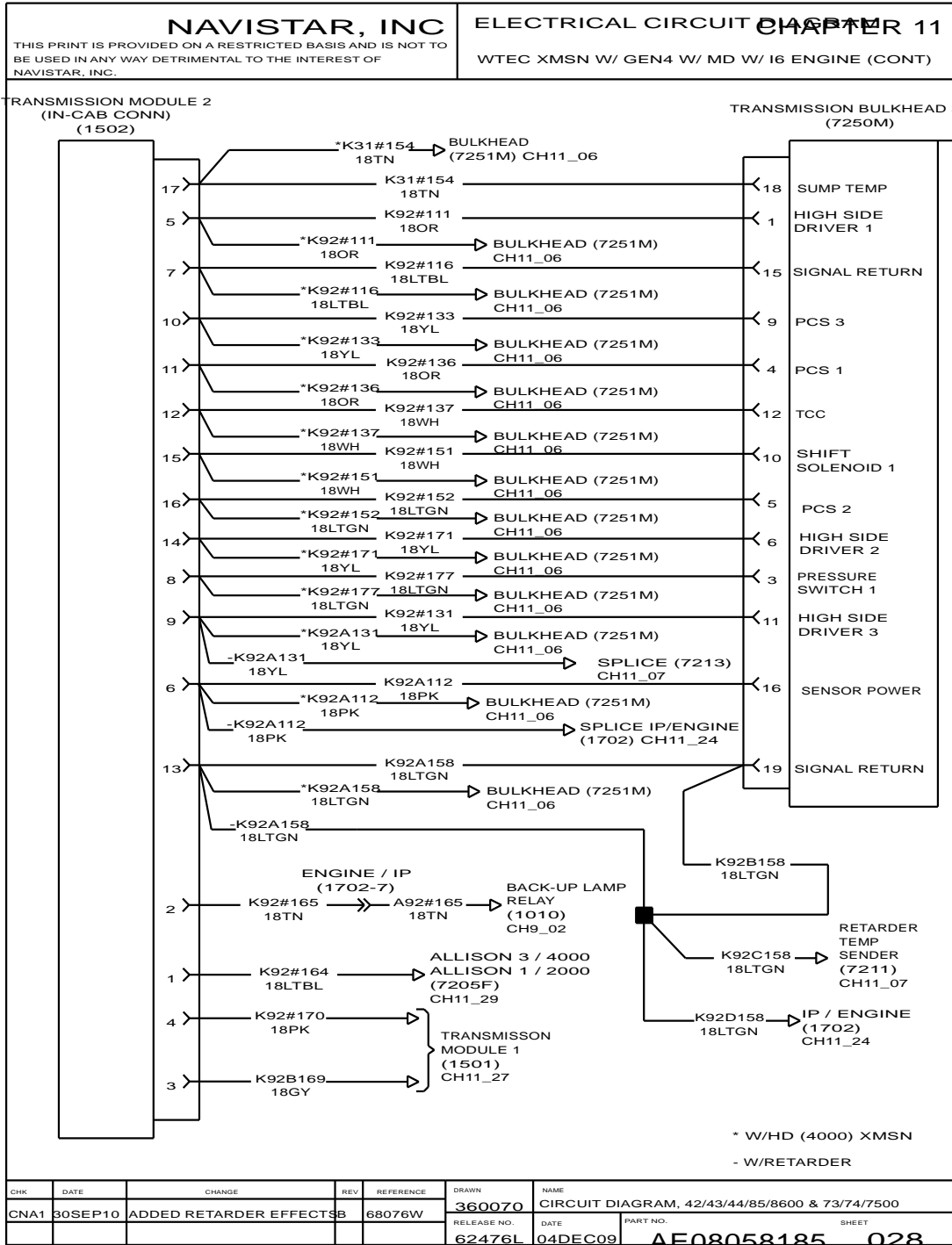


Figure 566 WTEC Transmission with Gen4 with MD with I6 Engine (Cont.)

11.37. WTEC TRANSMISSION WITH AUTO NEUTRAL NO RETARDER WITH I6 I 367 ENGINE, P. 28A

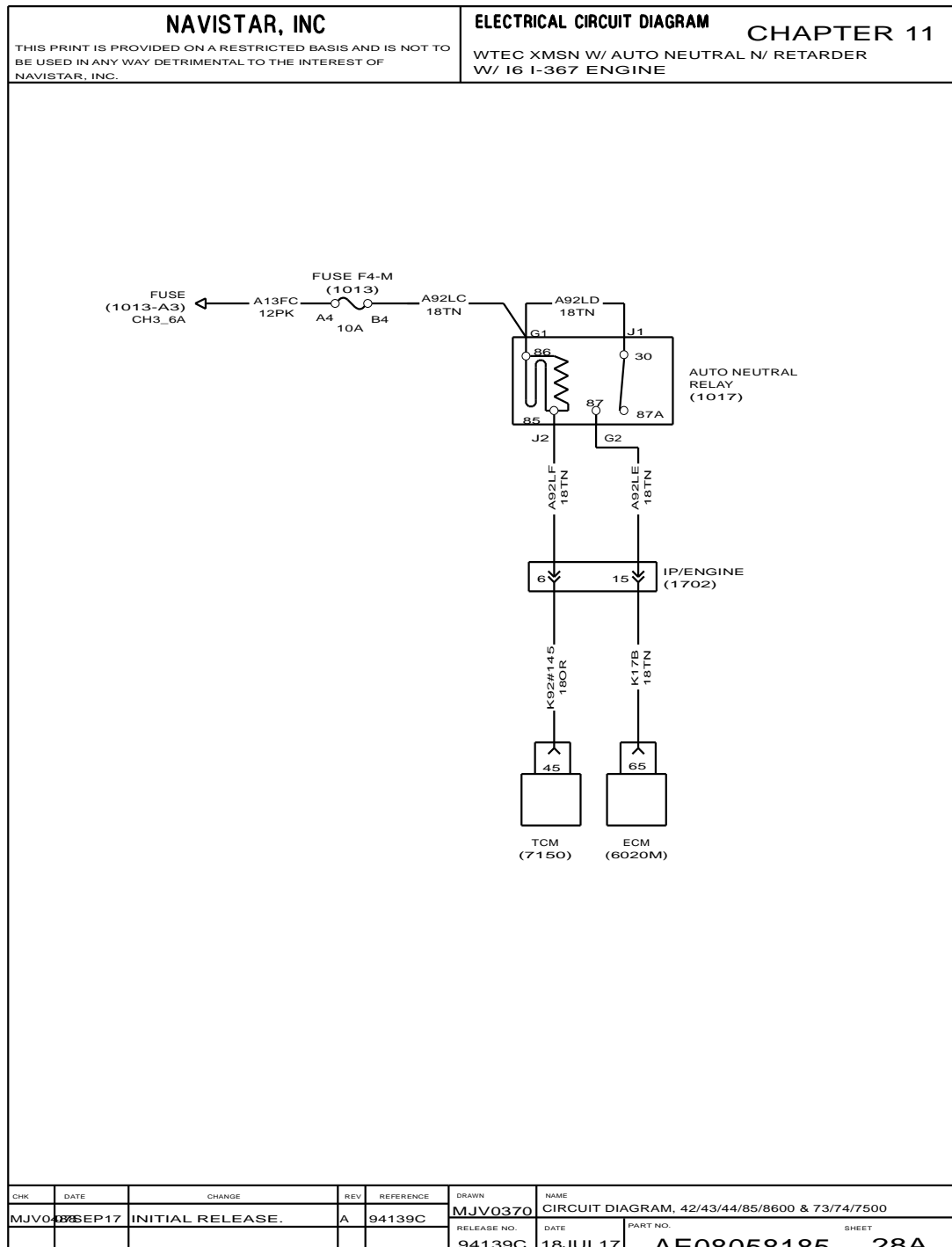


Figure 567 WTEC Transmission with Auto Neutral No Retarder with I6 I 367

11.38. LCT TRANSMISSION WITH GEN4 WITH MD WITH I6 ENGINE, P. 29

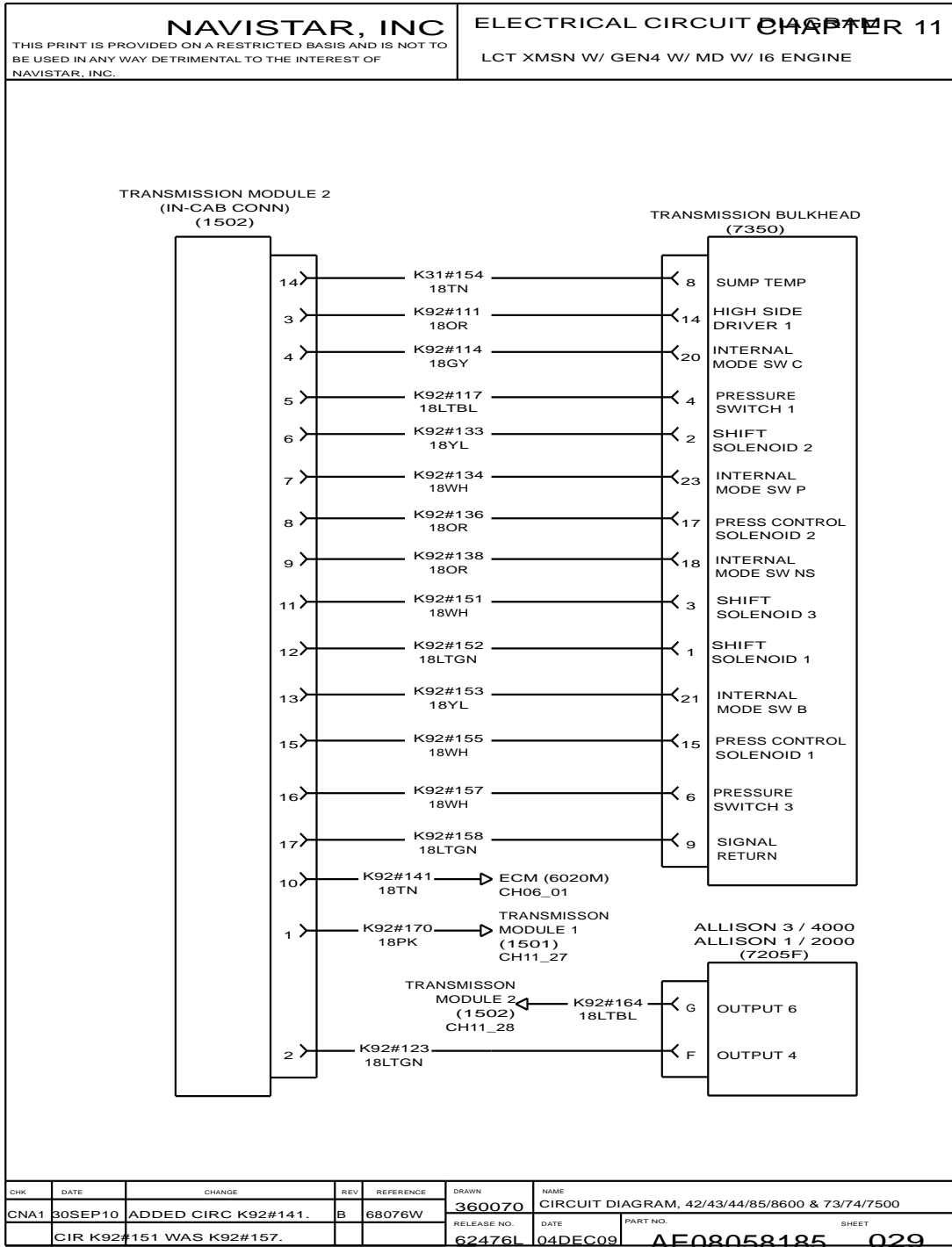


Figure 568 LCT Transmission with Gen4 with MD with I6 Engine

11.39. LCT TRANSMISSION WITH GEN4 WITH MD WITH I6 ENGINE (CONT.), P. 30

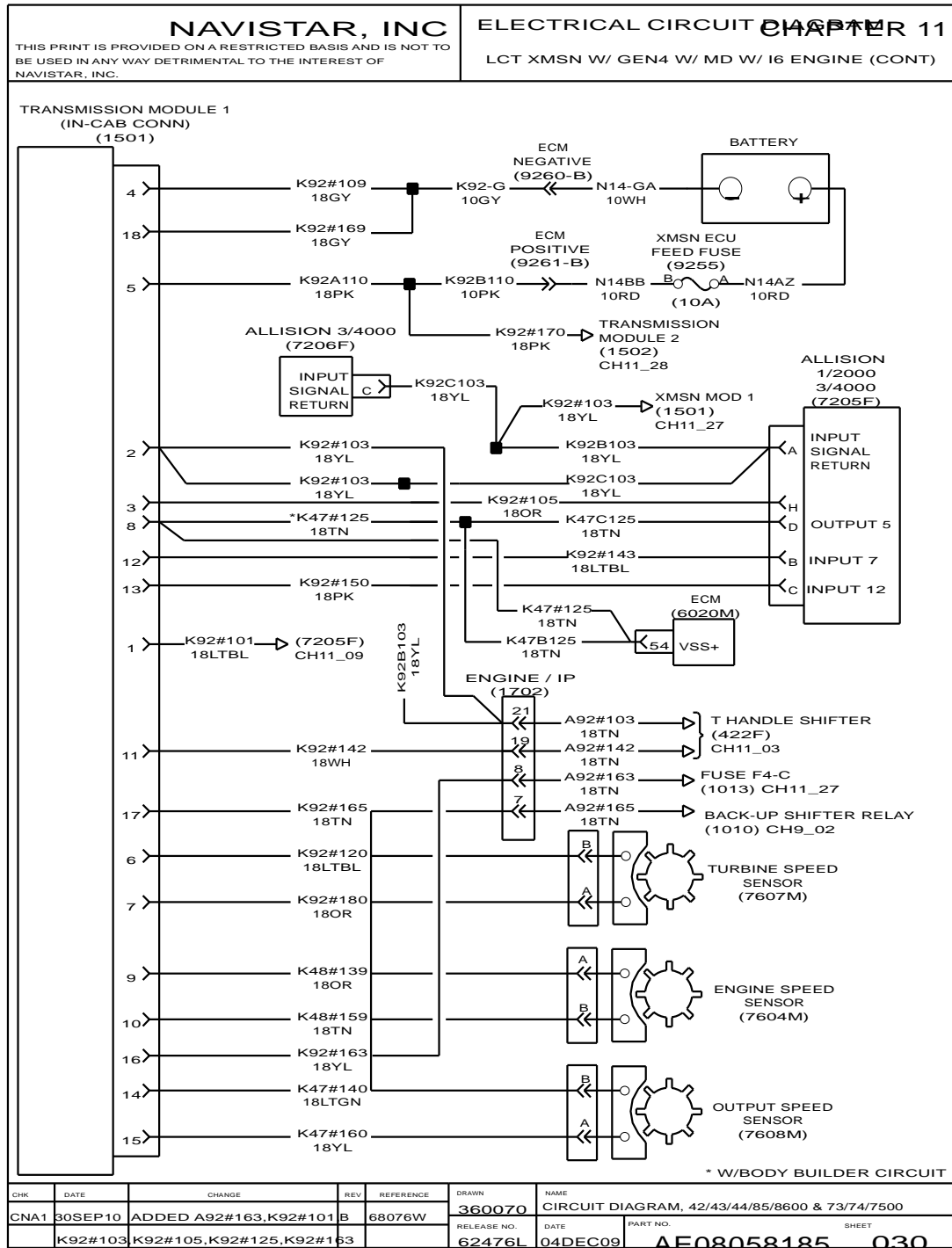


Figure 569 LCT Transmission with Gen4 with MD with I6 Engine (Cont.)

11.40. LCT AND WTEC TRANSMISSION WITH GEN4 WITH MD WITH I6 ENGINE, P. 31

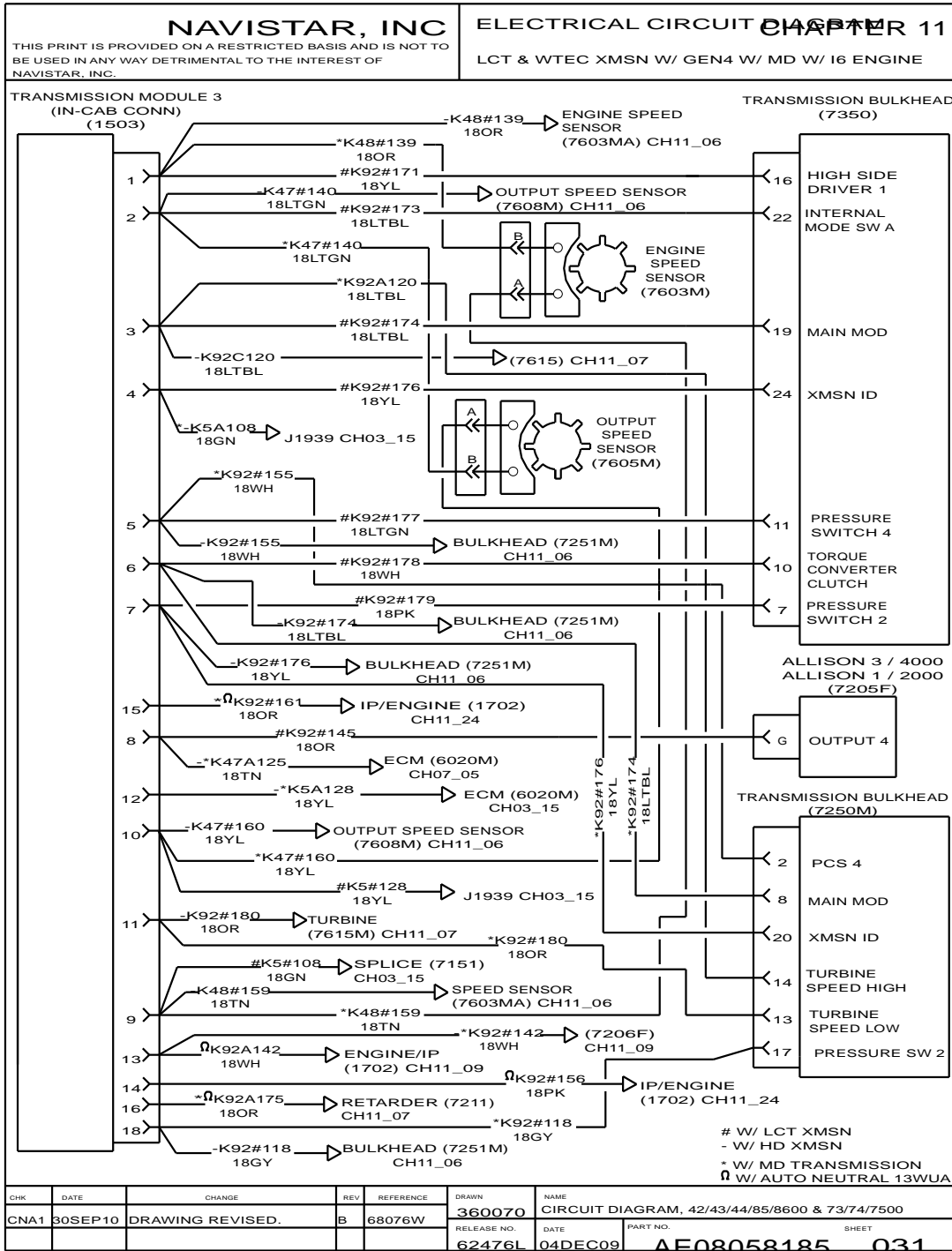


Figure 570 LCT and WTEC Transmission with Gen4 with MD with I6 Engine

11.41. J1939 WITH CUMMINS ISB ENGINE, P. 31A

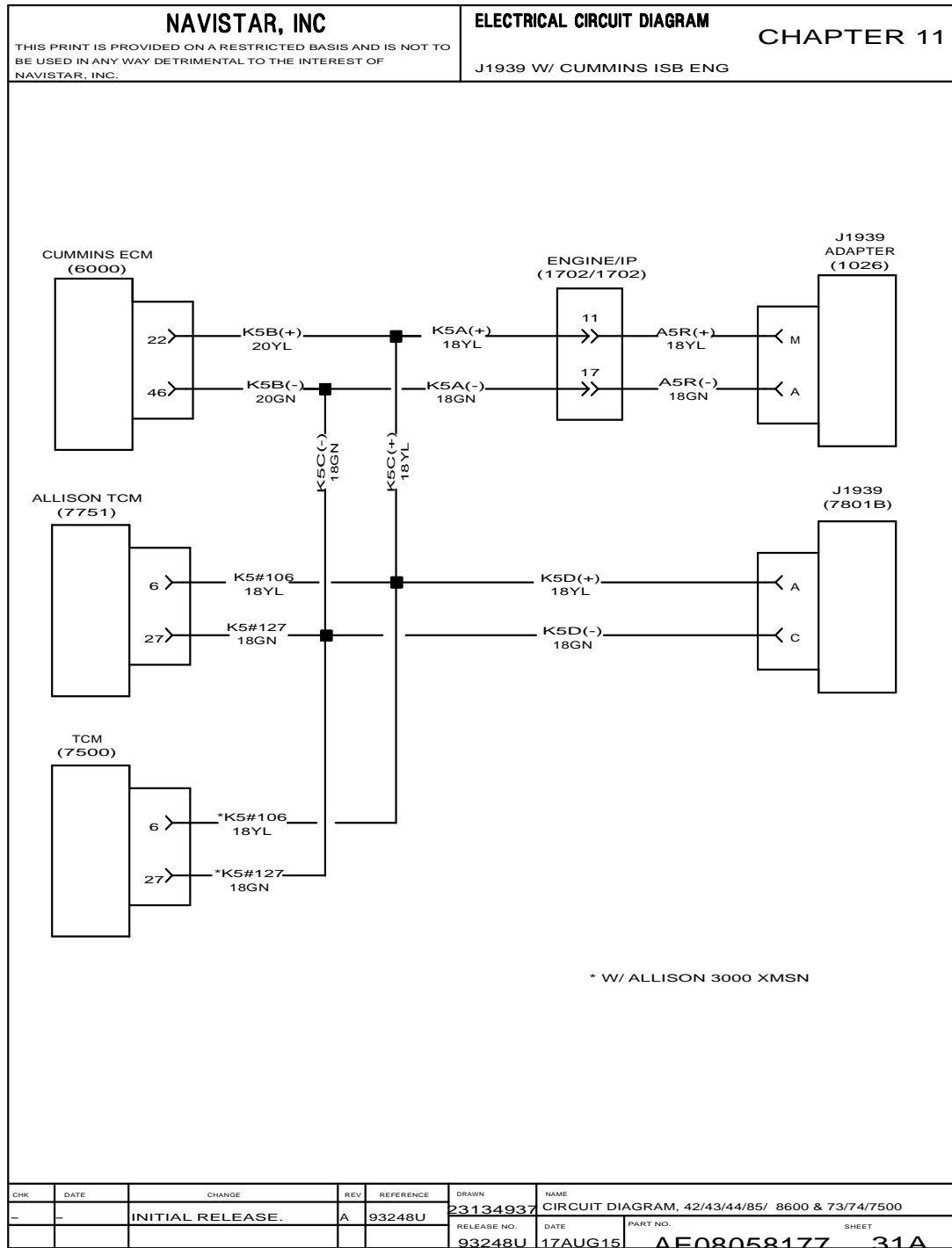


Figure 571 J1939 with Cummins ISB Engine

11.42. ALLISON GEN 4/5 1/2000 TRANSMISSION WITH IBB ENGINE, P. 32

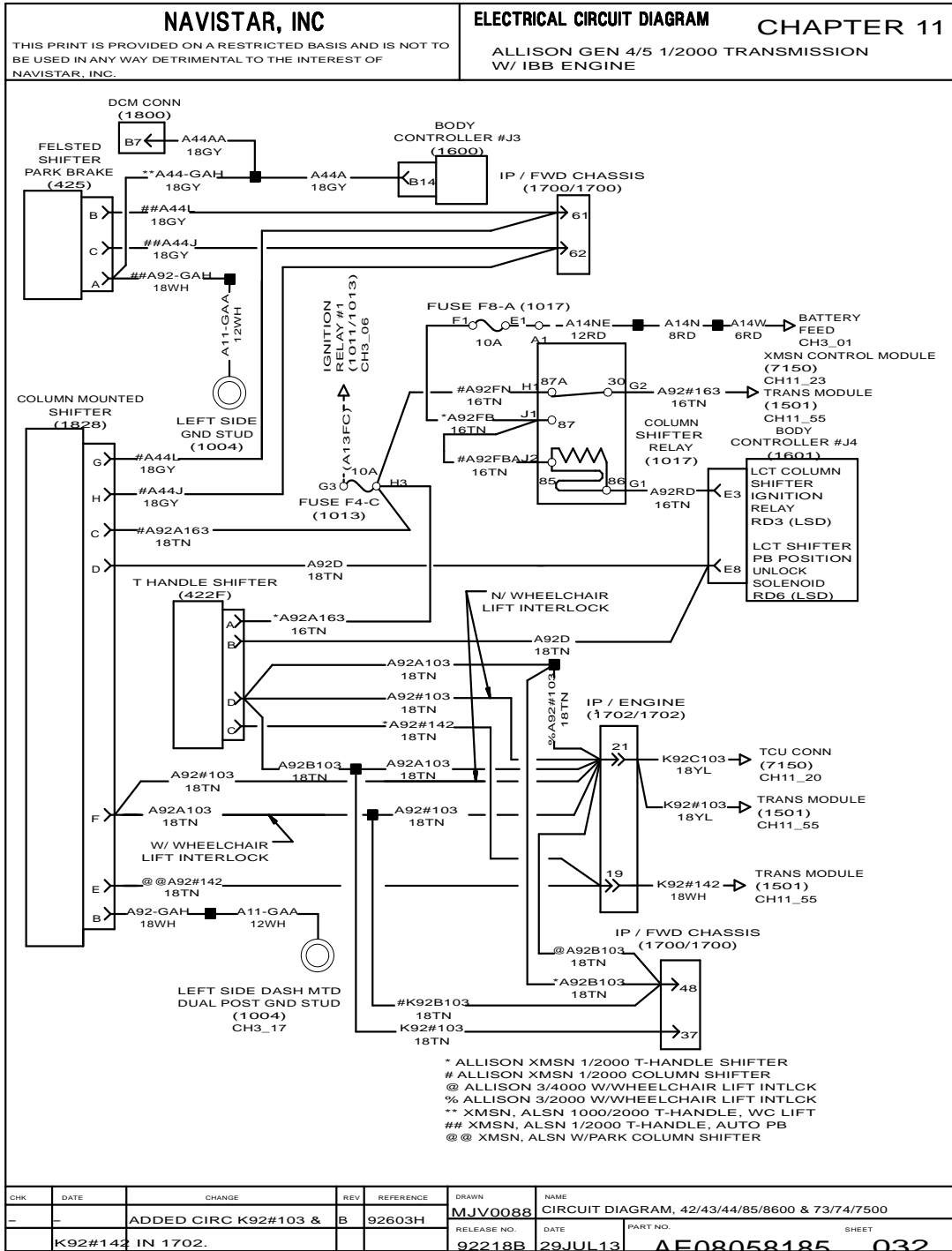


Figure 572 Allison Gen 4/5 1/2000 Transmission with IBB Engine

11.43. TRANSMISSION ALLISON MD 3 / 4000 WITH I6 AND V8 ENGINE, P. 33

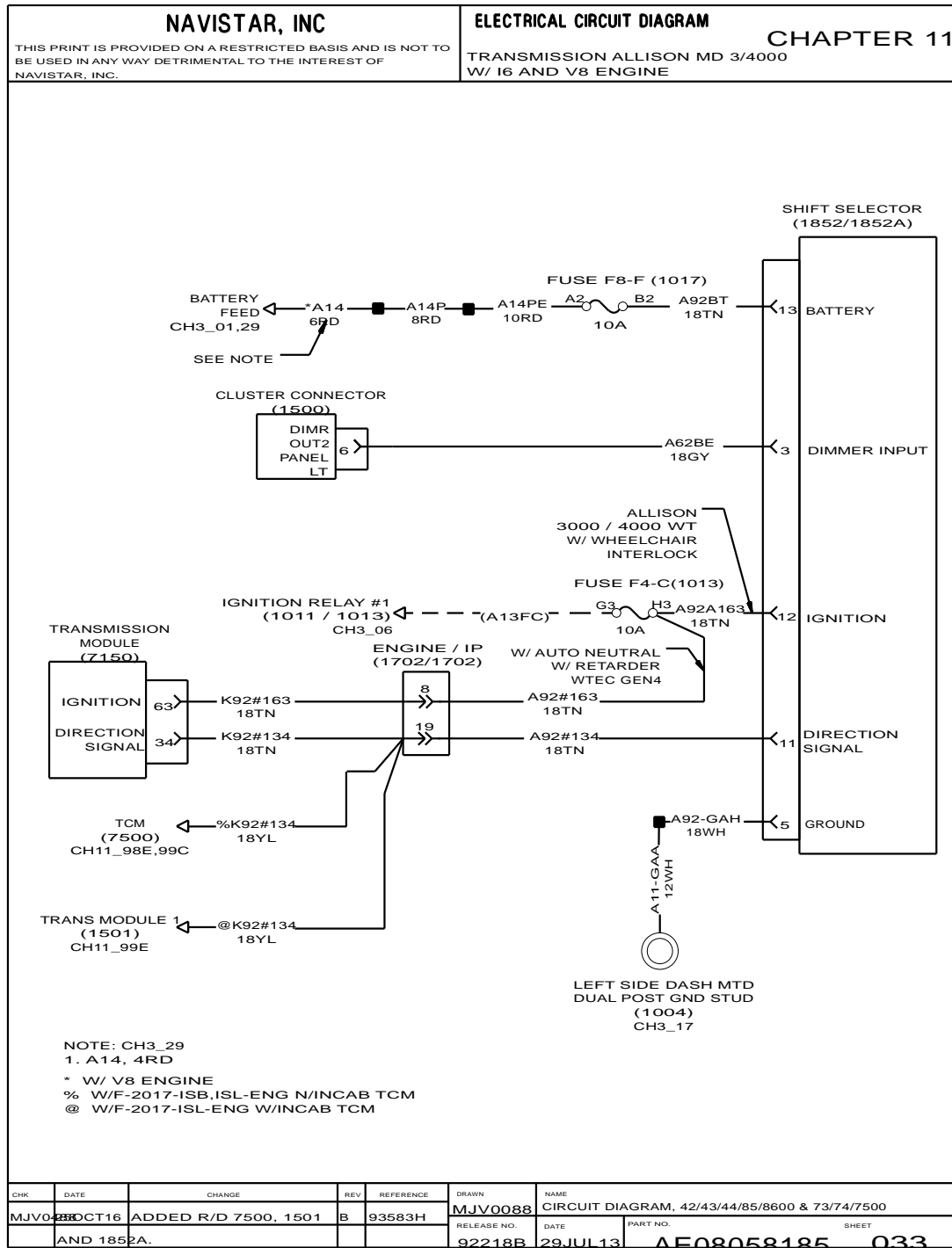


Figure 573 Transmission Allison MD 3 / 4000 with I6 and V8 Engine

11.44. TRANSMISSION RETARDER CONTROLS WIRING WITH MD TRANSMISSION HARD WIRED EFFECTS, P. 34

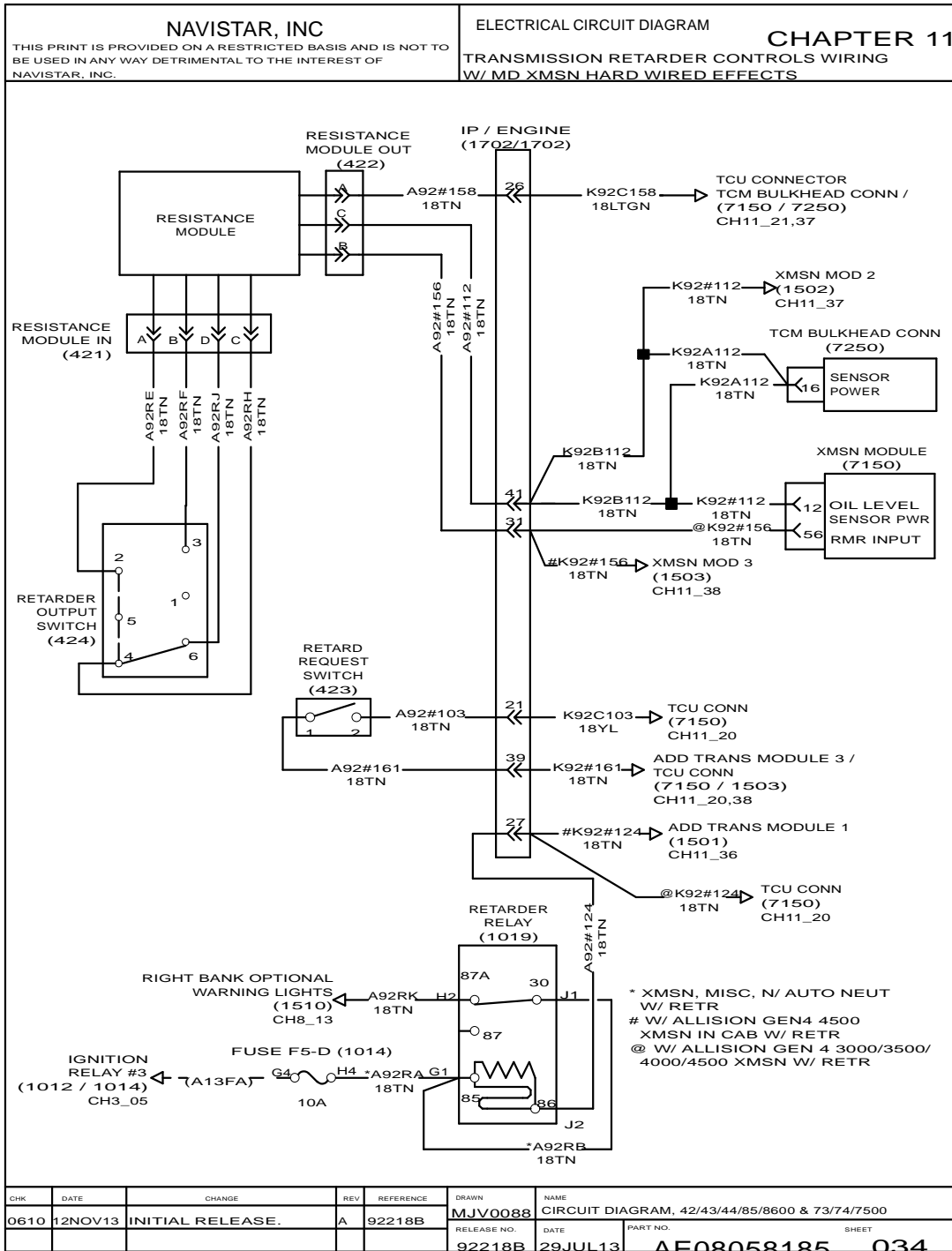


Figure 574 Transmission Retarder Controls Wiring with MD Transmission Hard Wired Effects

11.45. ALLISON TRANSMISSION 3 / 4000 GEN 4 / 5 WITH AUTO NEUTRAL, P. 35

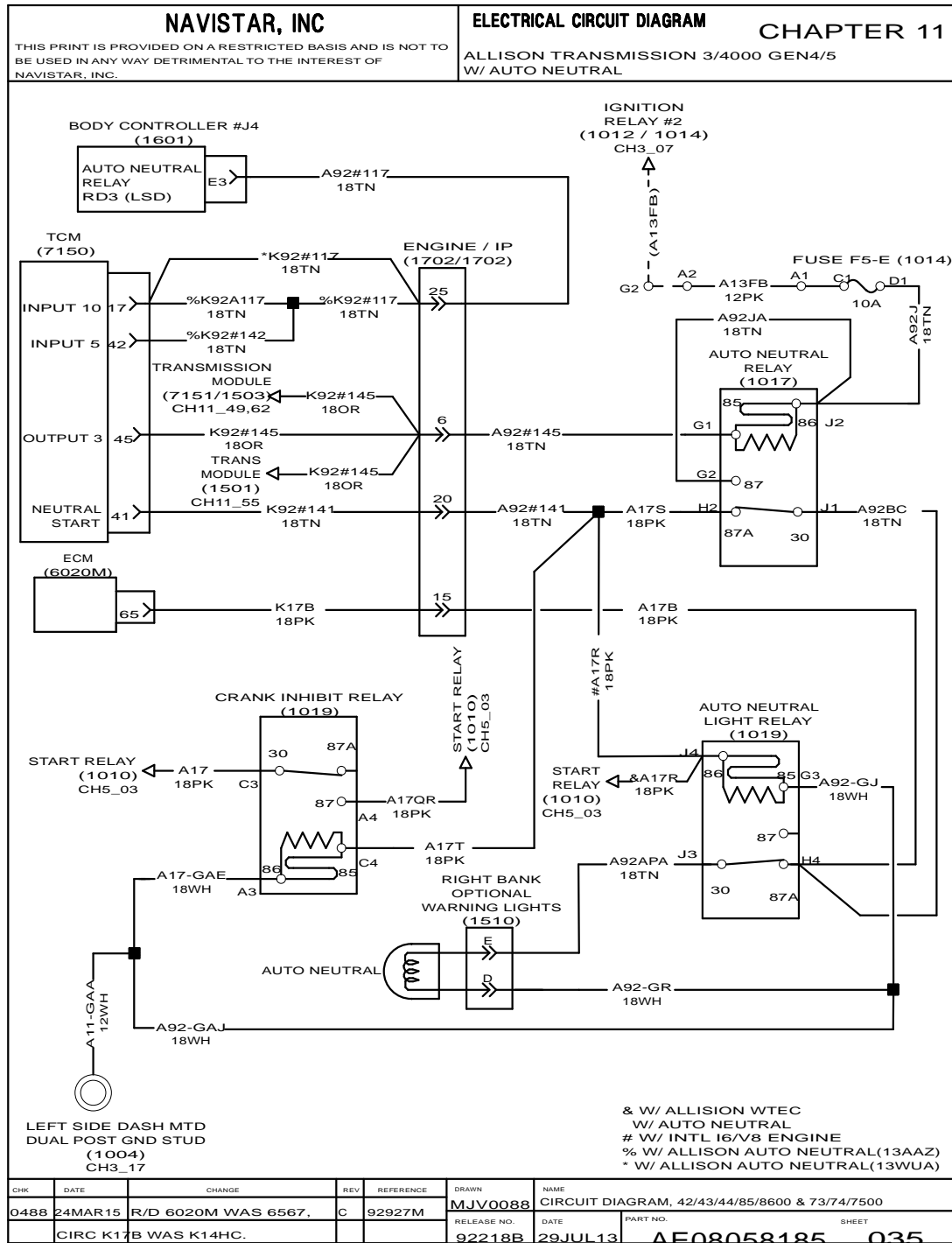


Figure 575 Allison Transmission 3 / 4000 Gen 4 / 5 with Auto Neutral

11.46. WTEC TRANSMISSION WITH GEN5 WITH MD WITH IBB ENGINE – IN CAB, P. 36

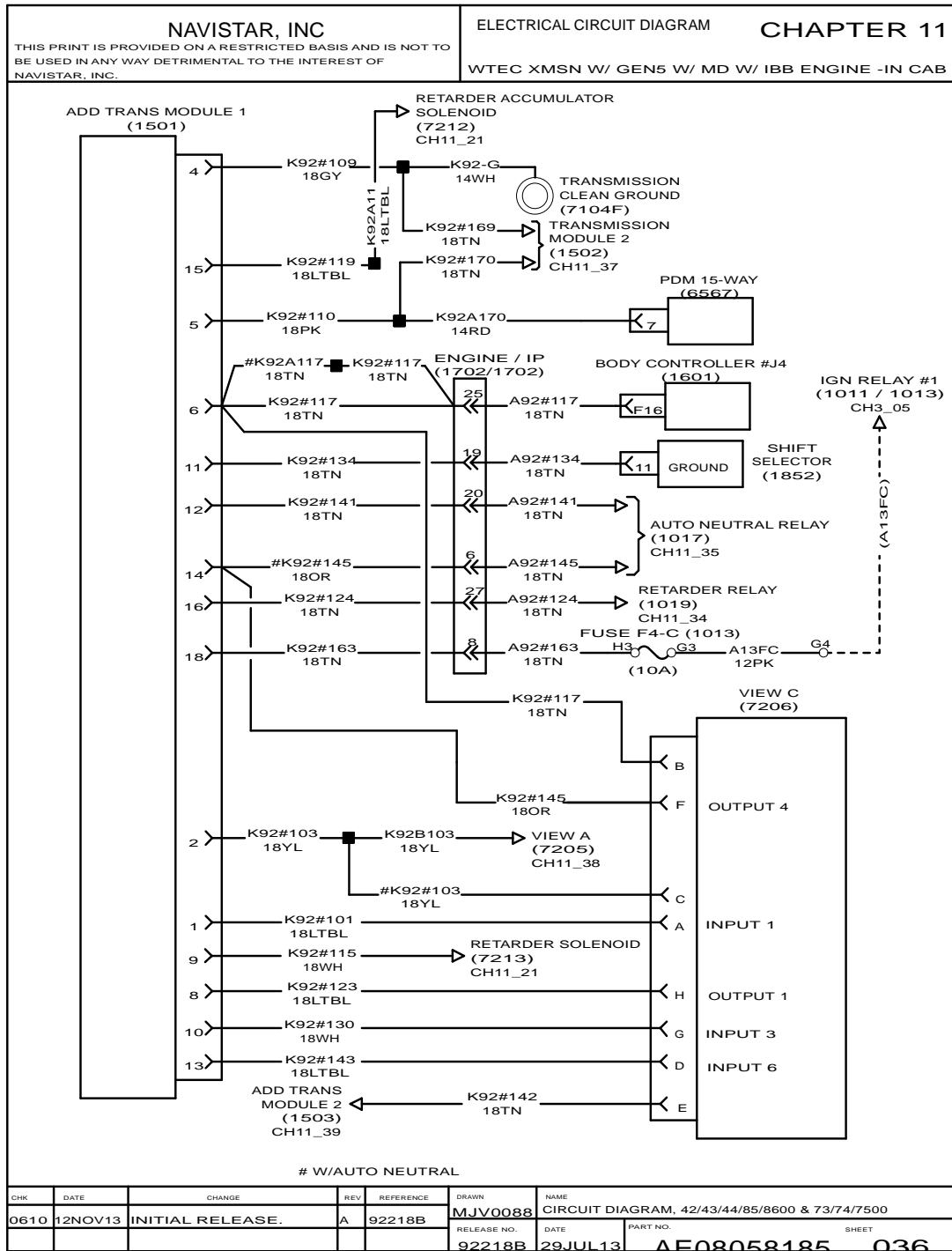


Figure 576 WTEC Transmission with Gen5 with MD with IBB Engine – In Cab

11.47. WTEC TRANSMISSION WITH GEN5 WITH MD WITH IBB ENGINE – IN CAB (CONT.), P. 37

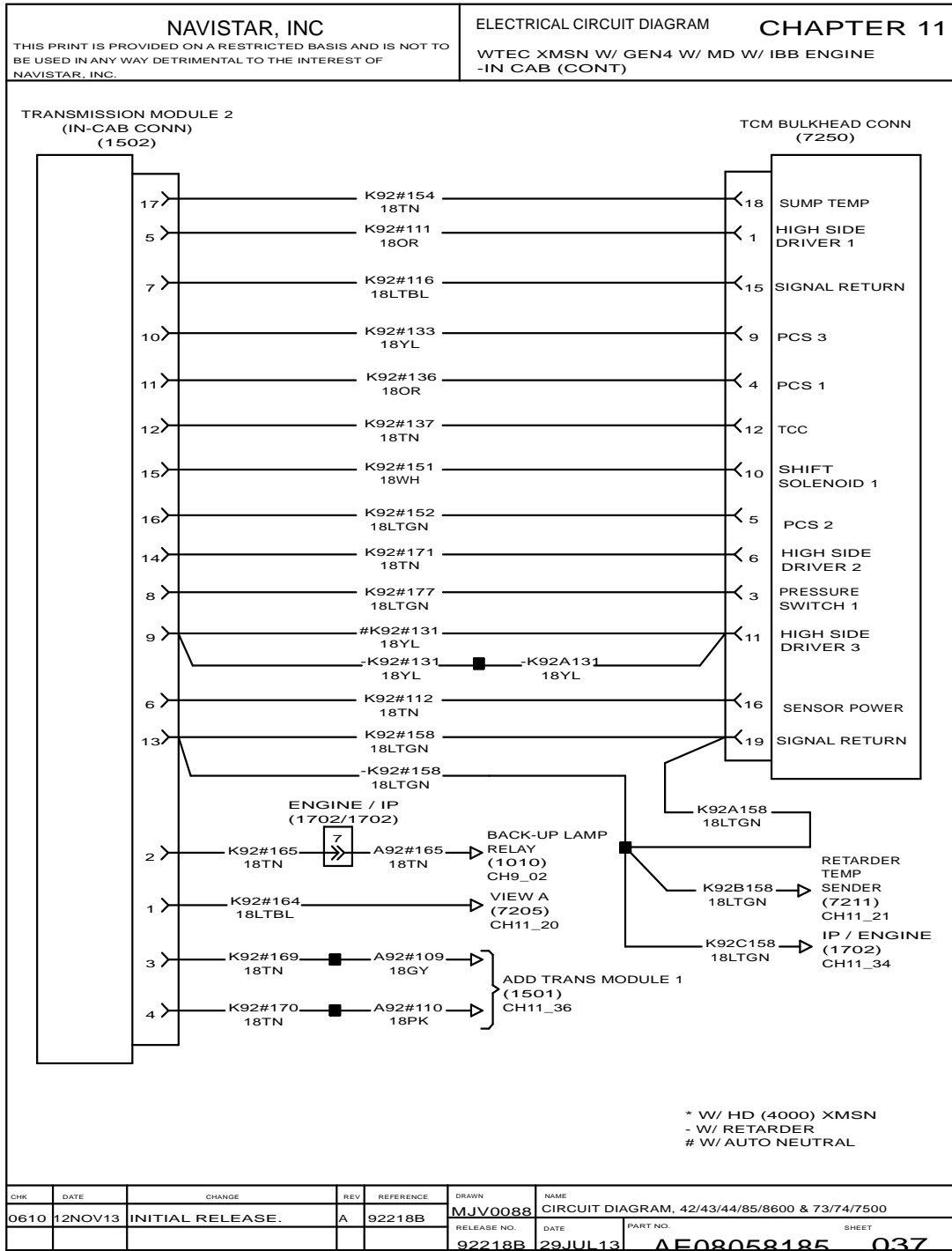


Figure 577 WTEC Transmission with Gen5 with MD with IBB Engine – In Cab (Cont.)

11.48. WTEC TRANSMISSION WITH GEN5 WITH MD WITH IBB ENGINE – IN CAB (CONT.), P. 38

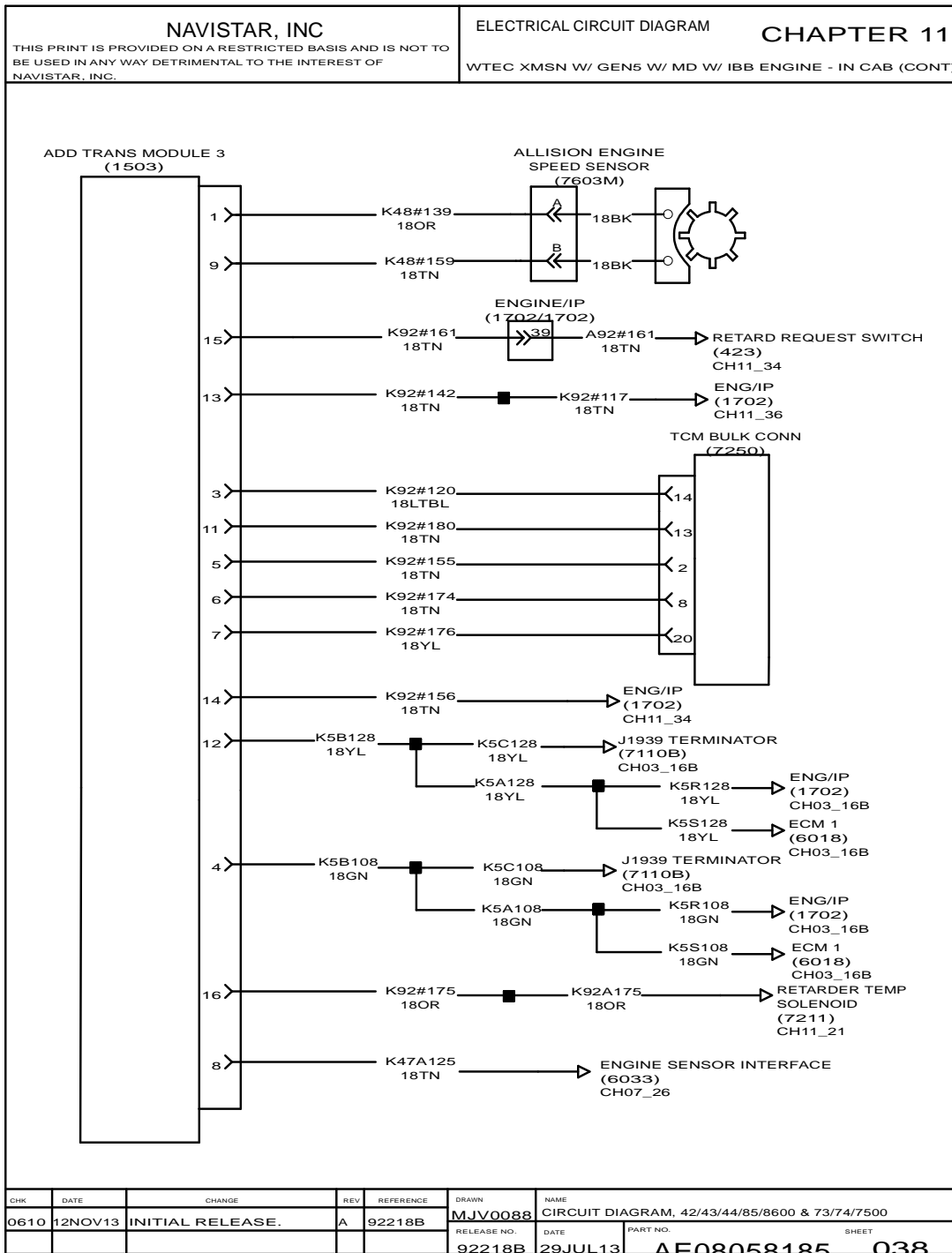


Figure 578 WTEC Transmission with Gen5 with MD with IBB Engine – In Cab (Cont.)

11.49. WTEC TRANSMISSION WITH GEN5 WITH MD WITH IBB ENGINE – IN CAB (CONT.), P. 39

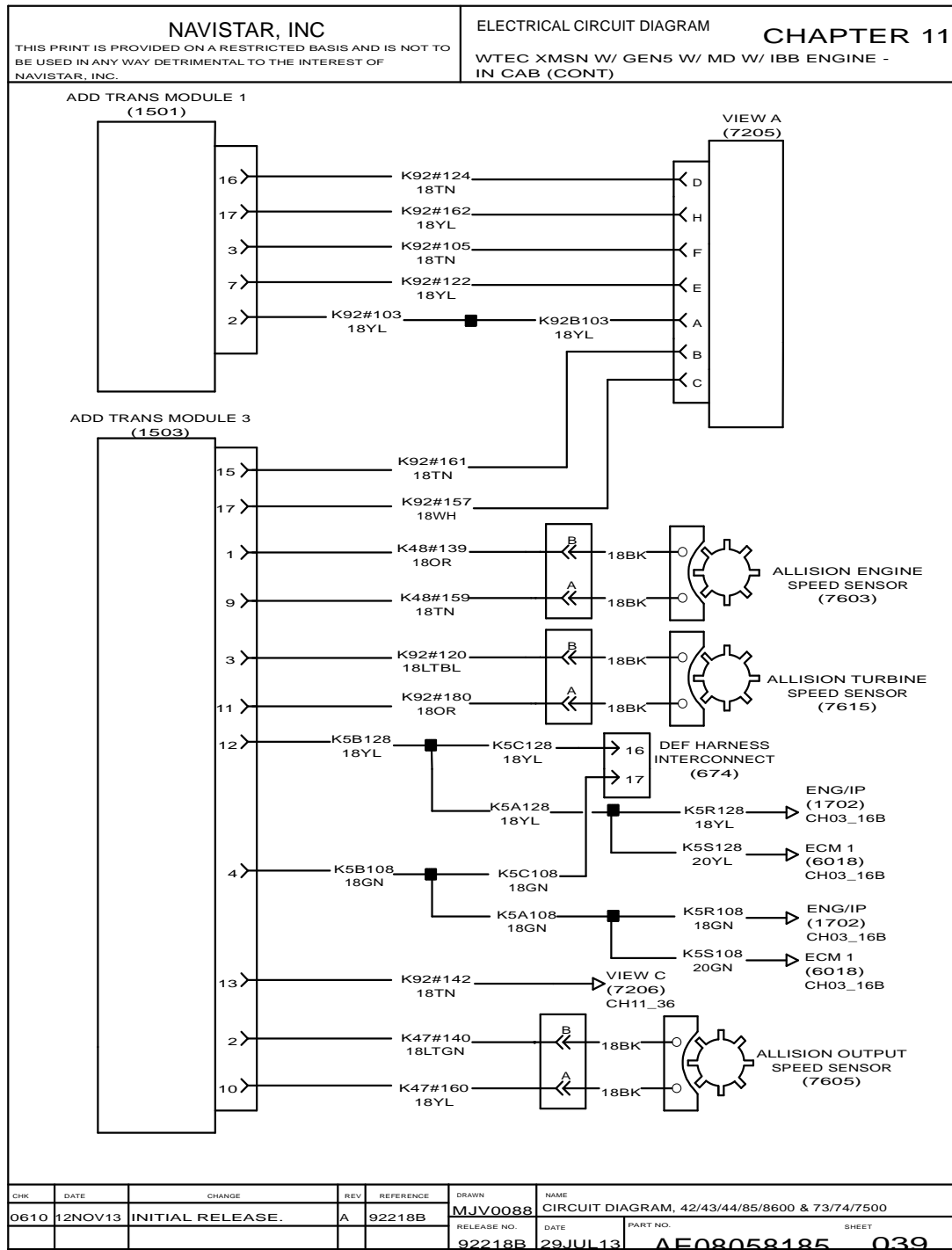


Figure 579 WTEC Transmission with Gen5 with MD with IBB Engine – In Cab (Cont.)

11.50. MANUAL TRANSMISSION WITH BYPASS SWITCH, P. 40

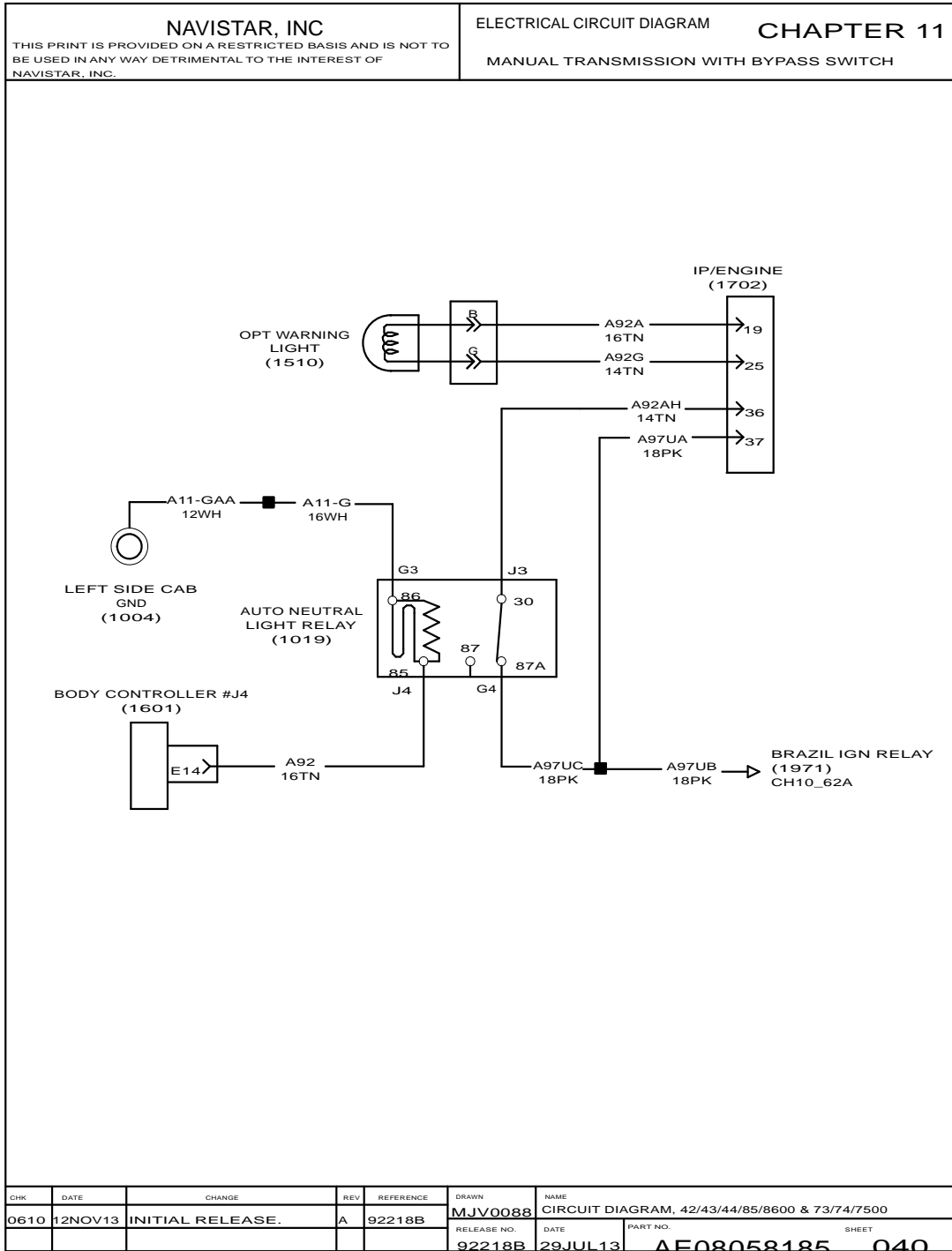


Figure 580 Manual Transmission with Bypass Switch

11.51. ALLISON TRANSMISSION (2013 CUMMINS ISB MD), P. 41

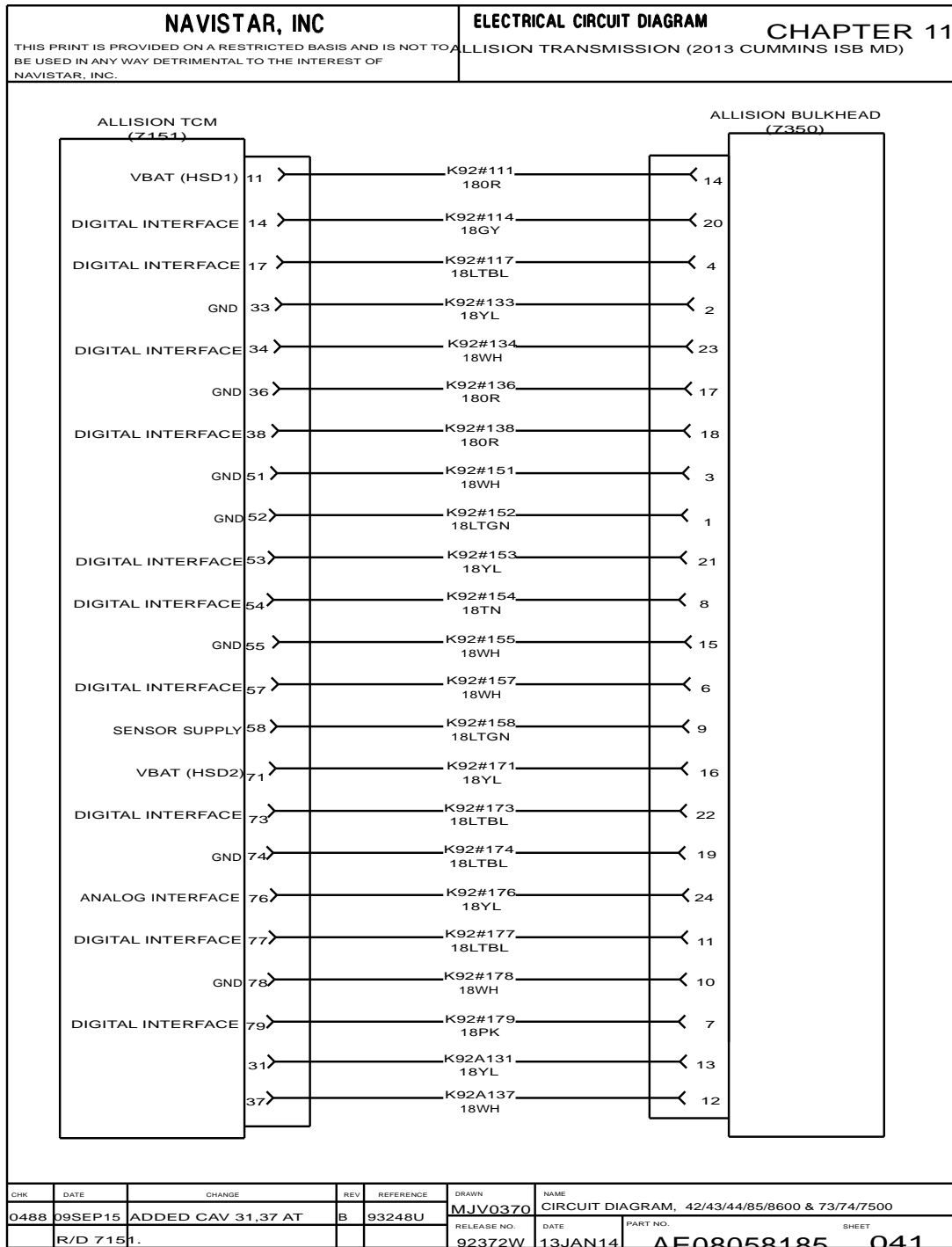


Figure 581 Allison Transmission (2013 Cummins ISB MD)

11.52. ALLISON TRANSMISSION (2013 CUMMINS ISB MD) (CONT.), P. 42

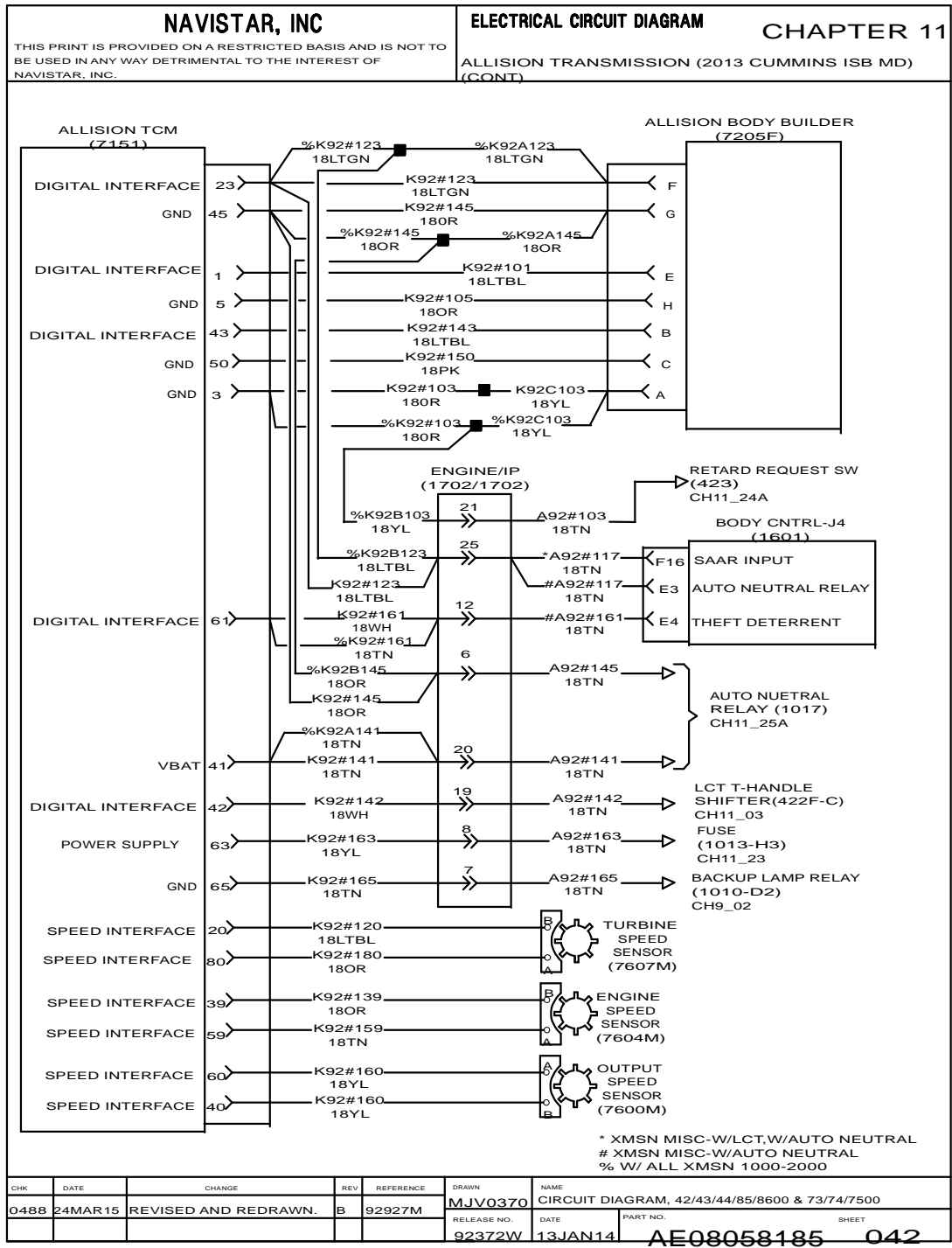


Figure 582 Allison Transmission (2013 Cummins ISB MD) (Cont.)

11.53. ALLISON TRANSMISSION (2013 CUMMINS ISB MD) (CONT.), P. 43

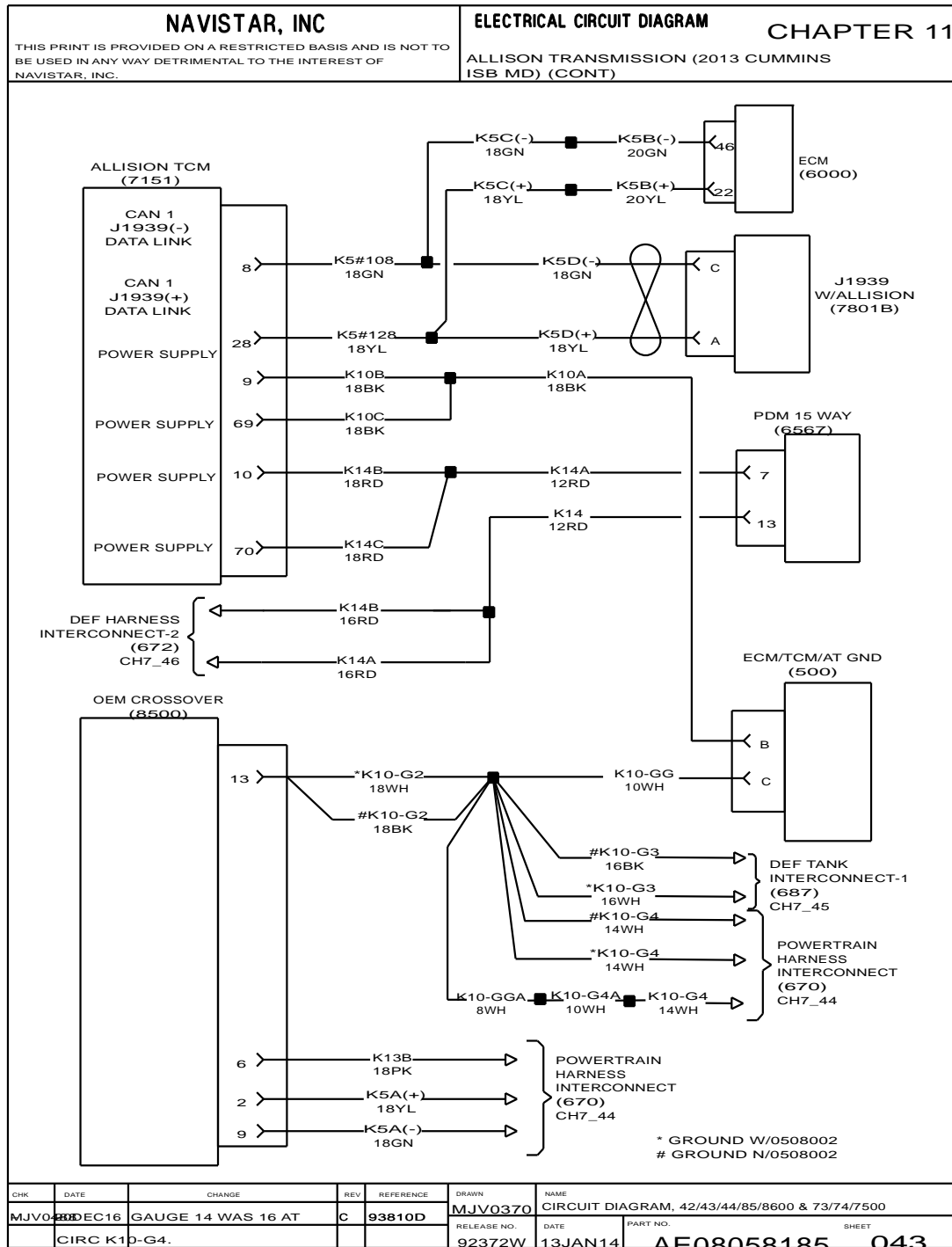


Figure 583 Allison Transmission (2013 Cummins ISB MD) (Cont.)

11.54. ALLISON TRANSMISSION TC10 TRANSMISSION, P. 44

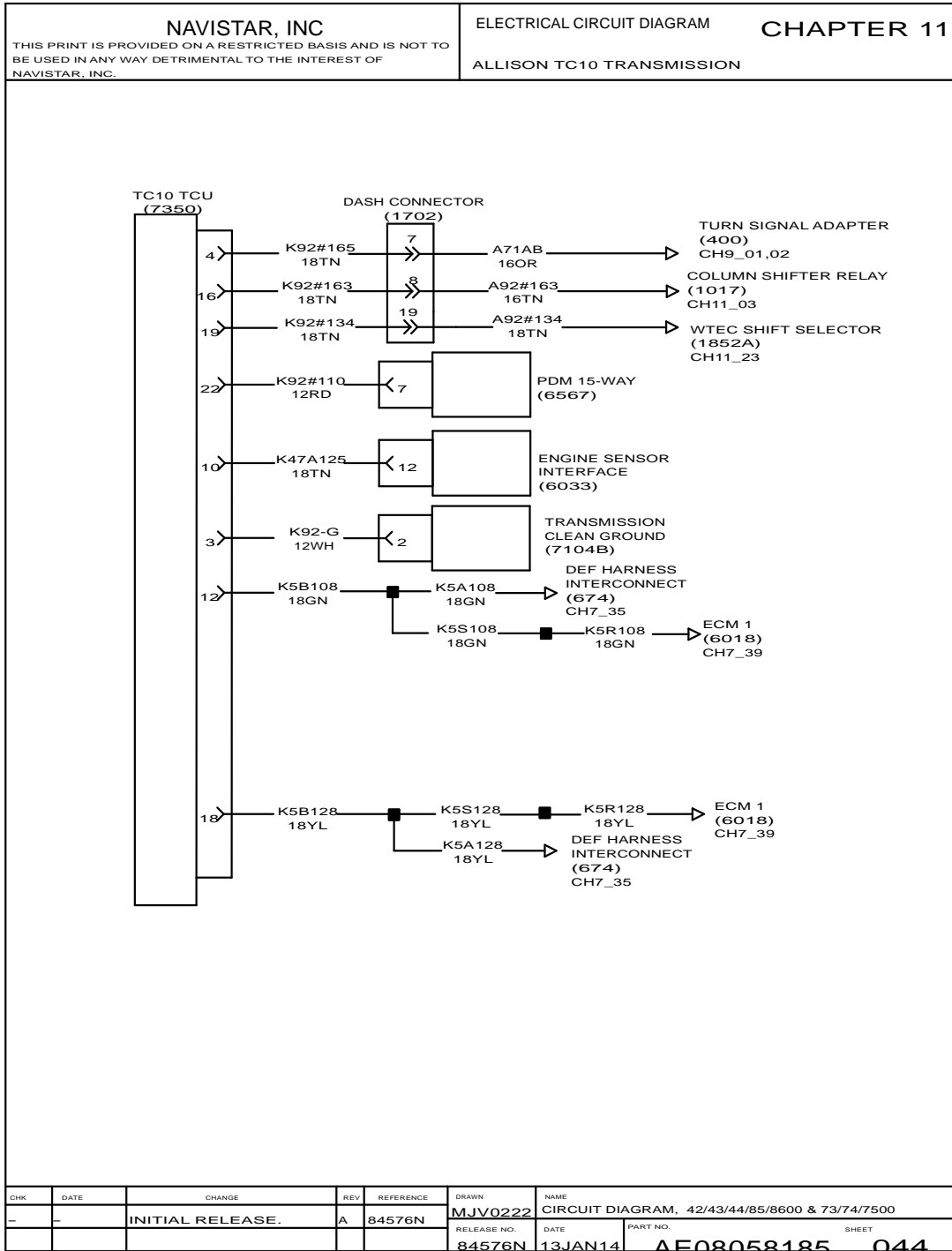


Figure 584 Allison Transmission TC10 Transmission

11.55. ALLISON GEN 4/5 1/2000 TRANSMISSION WITH I6, 1-367 ENGINE, P. 45

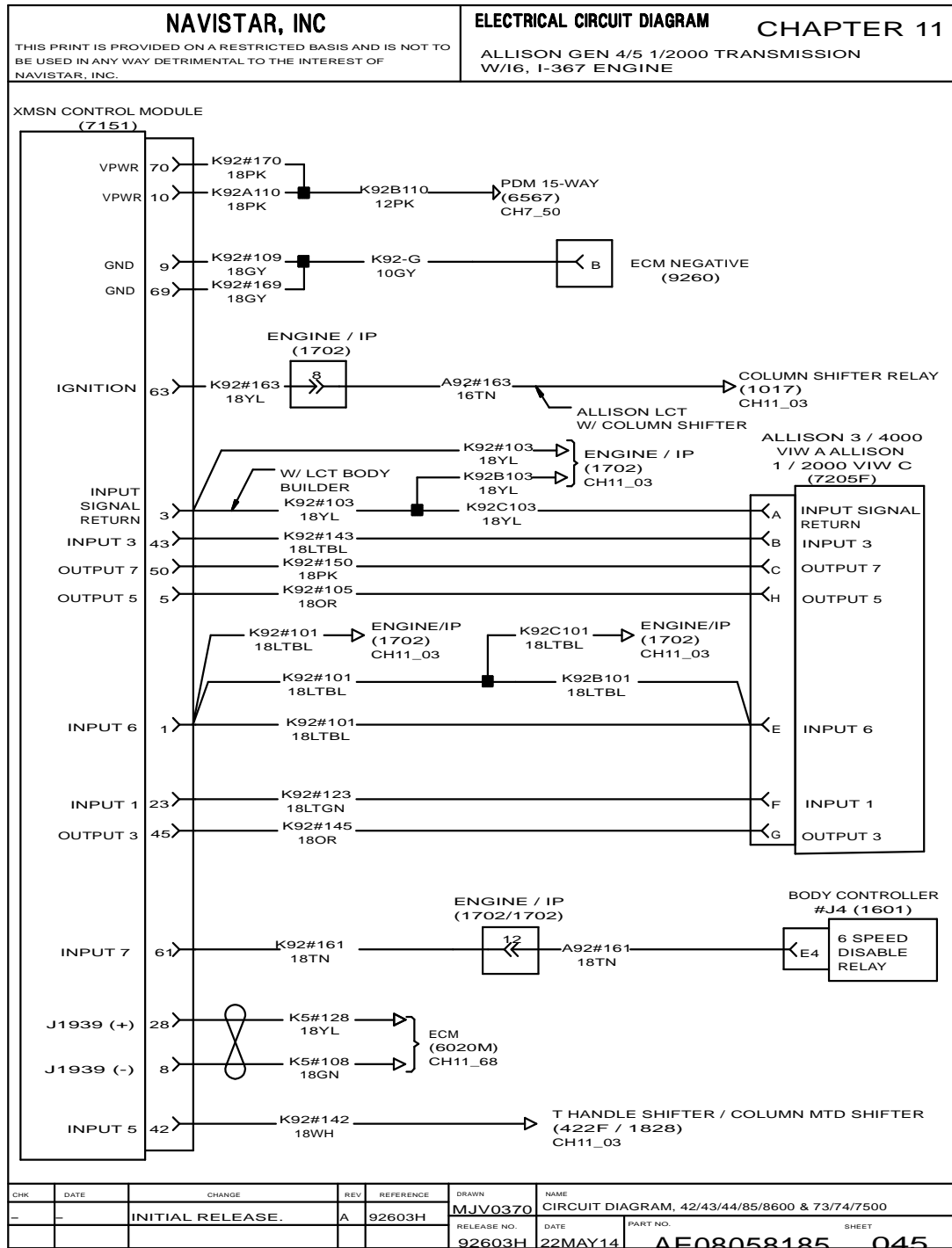


Figure 585 Allison Gen 4/5 1/2000 Transmission with I6, 1-367 Engine

11.56. ALLISON GEN 4/5 1/2000 TRANSMISSION WITH I6, 1-367 ENGINE (CONT.), P. 46

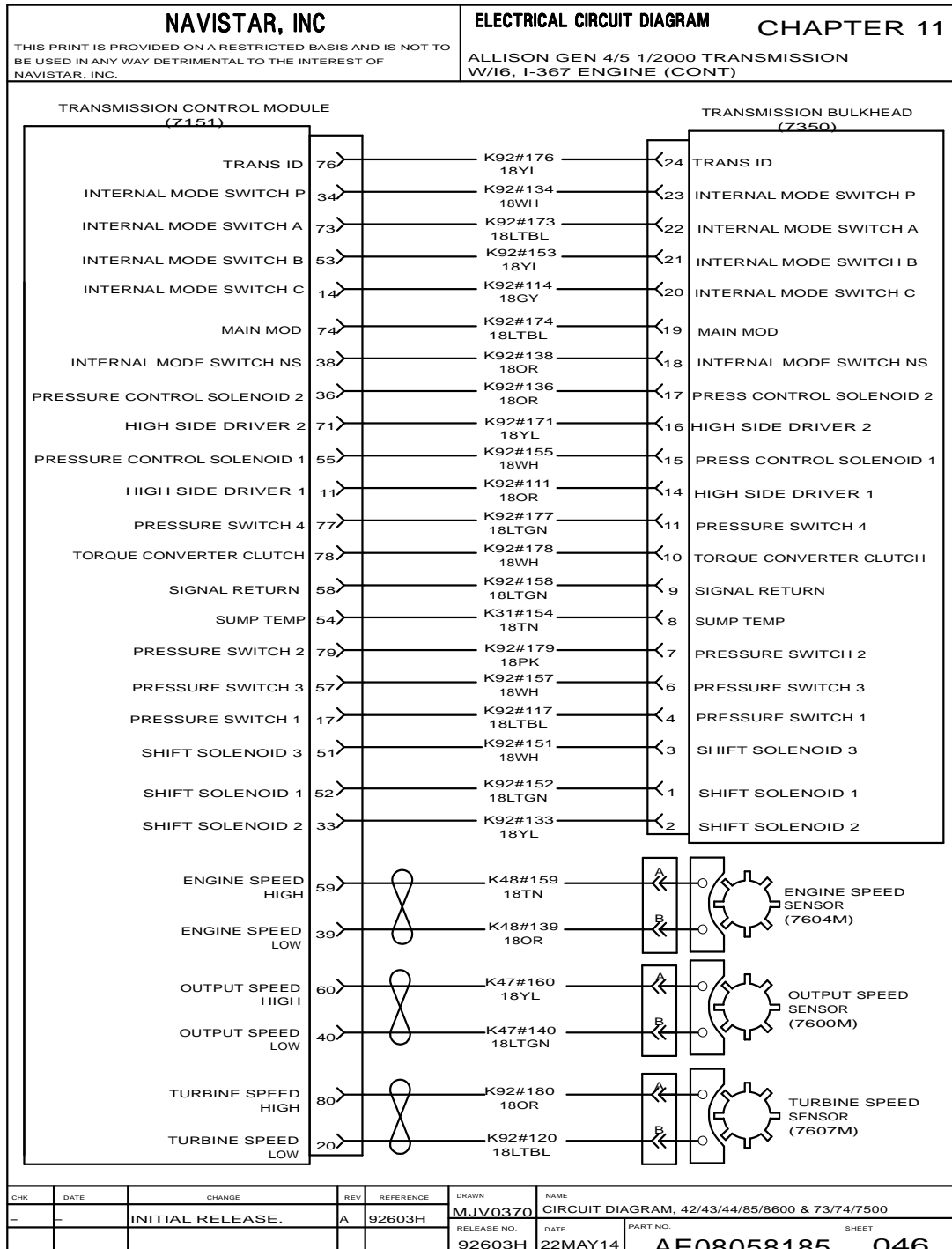


Figure 586 Allison Gen 4/5 1/2000 Transmission with I6, 1-367 Engine (Cont.)

11.57. TRANSMISSION ALLISON MD WITH I6, I-367 ENGINE, P. 47

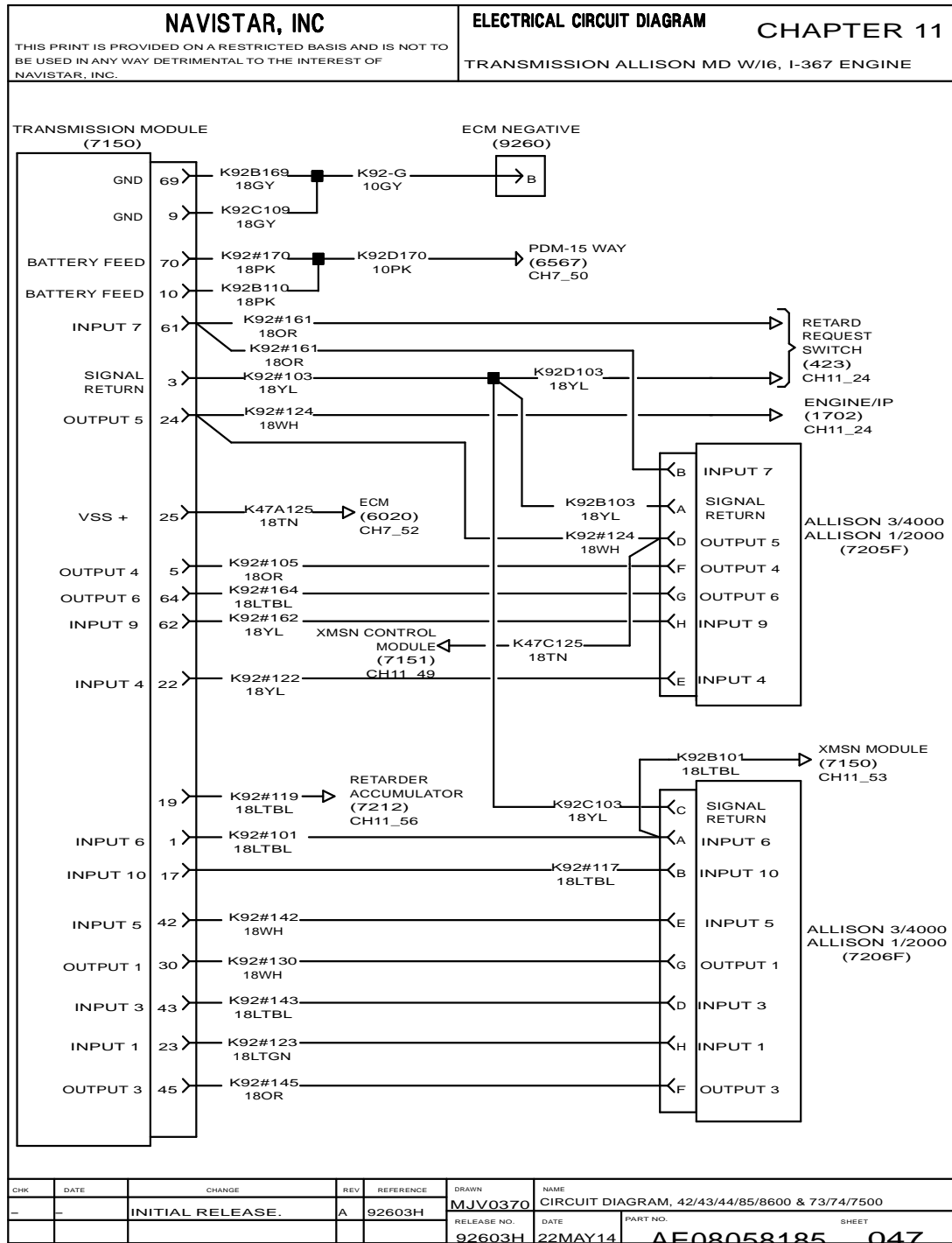


Figure 587 Transmission Allison MD with I6, I-367 Engine

11.58. J1939 DATA LINK I6, I-367 ENGINE, P. 48

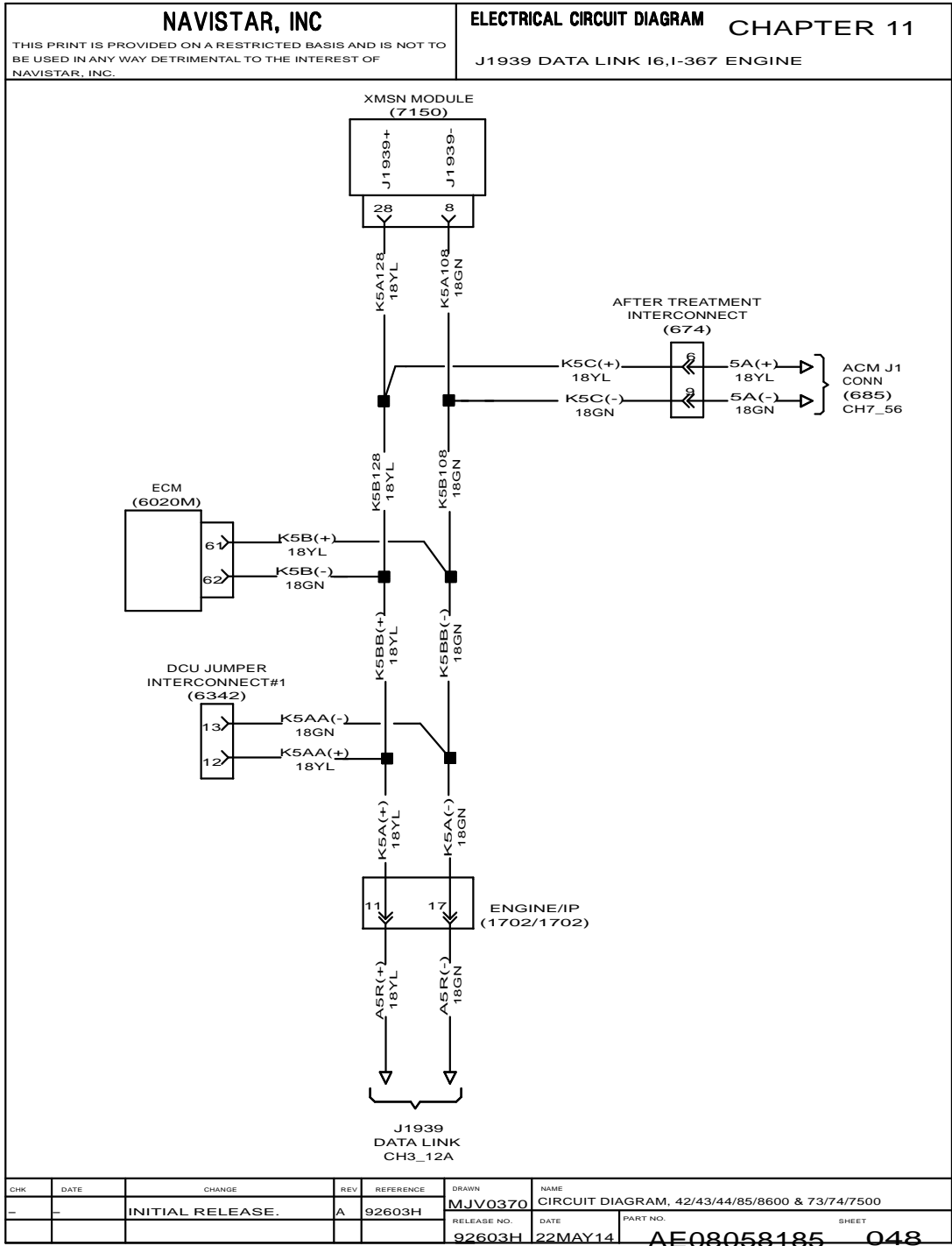


Figure 588 J1939 Data Link I6, I-367 Engine

11.59. ALLISON 1 / 2000 TRANSMISSION WITH I6, I-367 ENGINE, P. 49

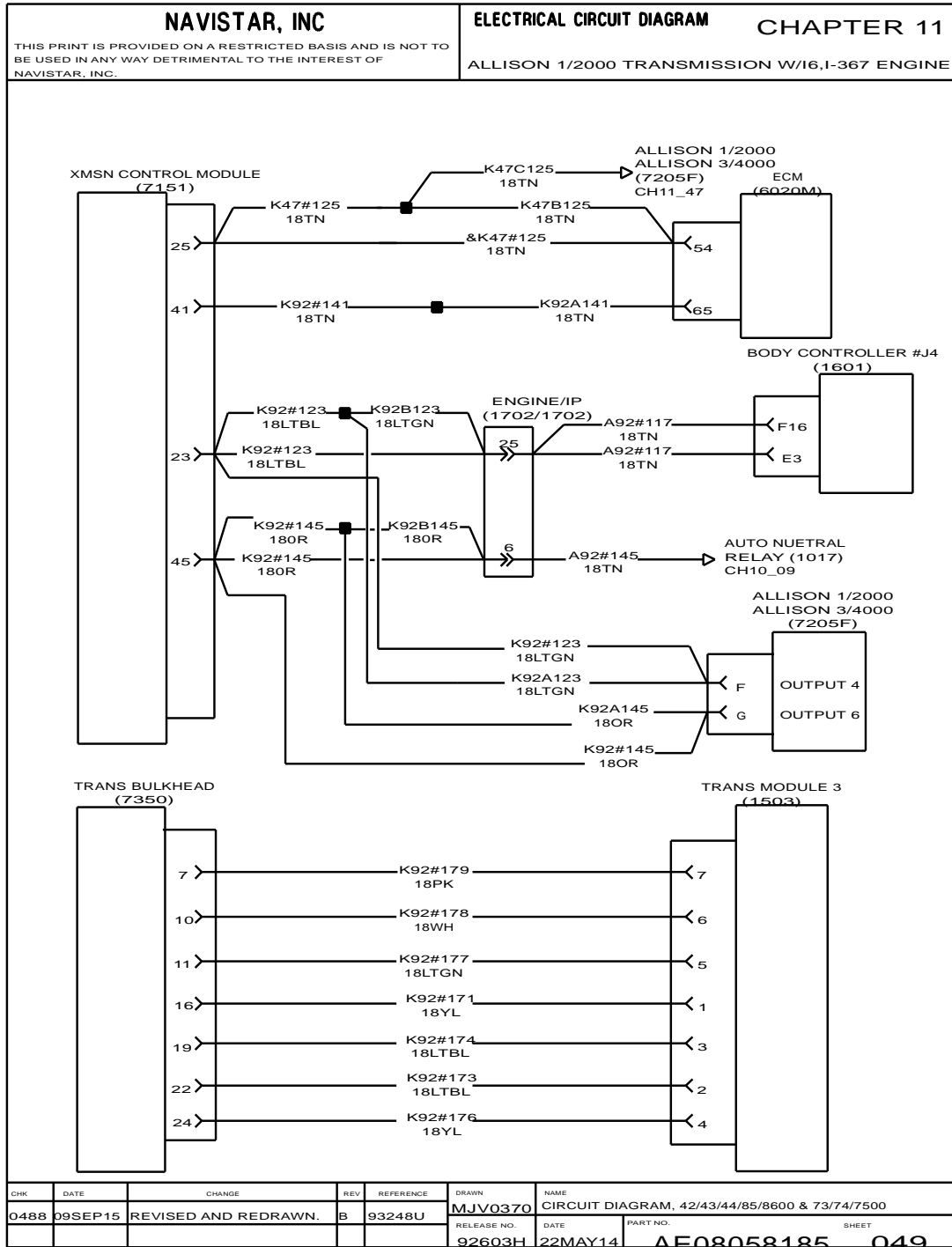


Figure 589 Allison 1 / 2000 Transmission with I6, I-367 Engine

11.60. ALLISON 4 / 5 WTEC TRANSMISSION WITH I6, I-367 ENGINE, P. 50

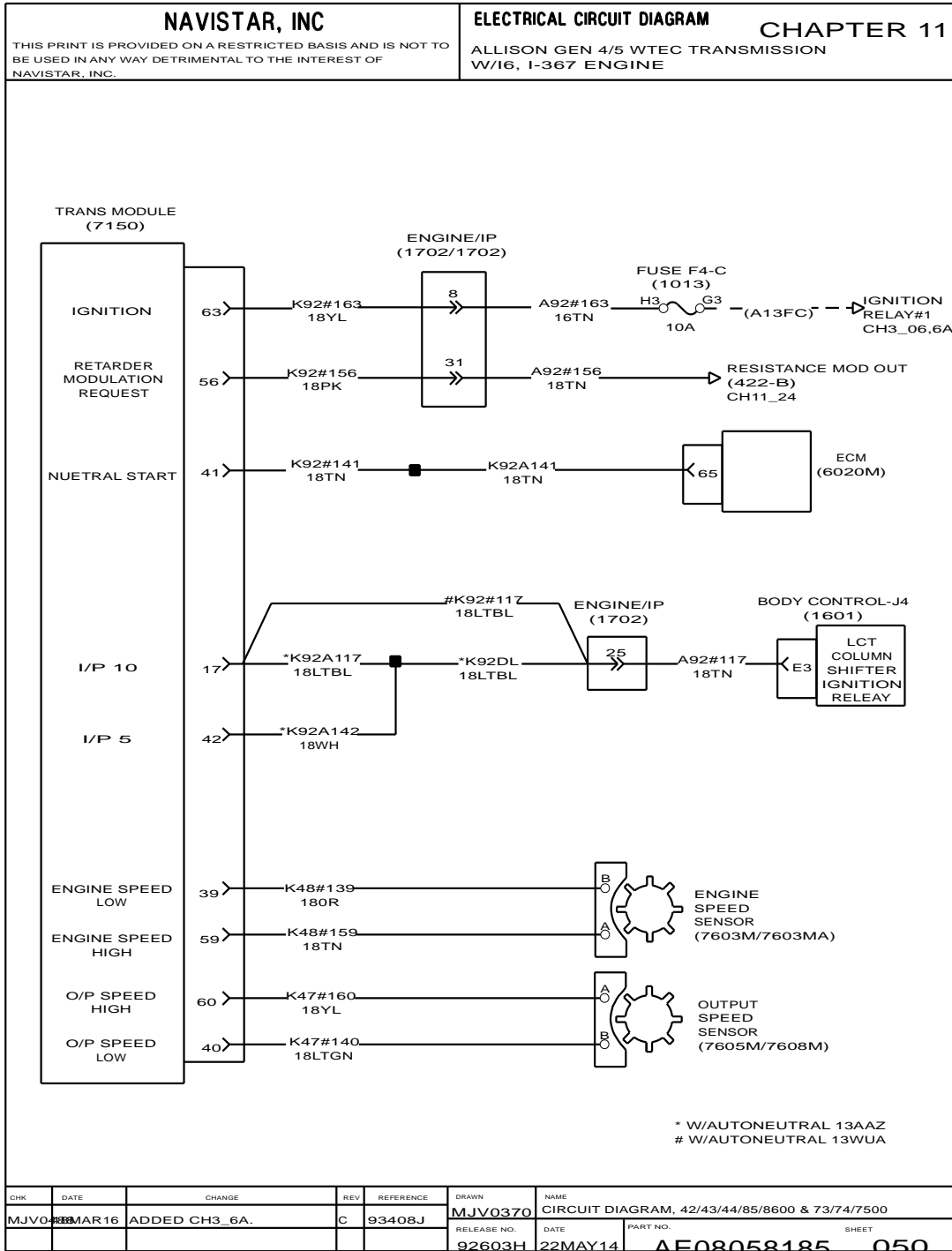


Figure 590 Allison 4 / 5 WTEC Transmission with I6, I-367 Engine

11.61. TRANSMISSION MODULE WITH I6, I-367 ENGINE, P. 51

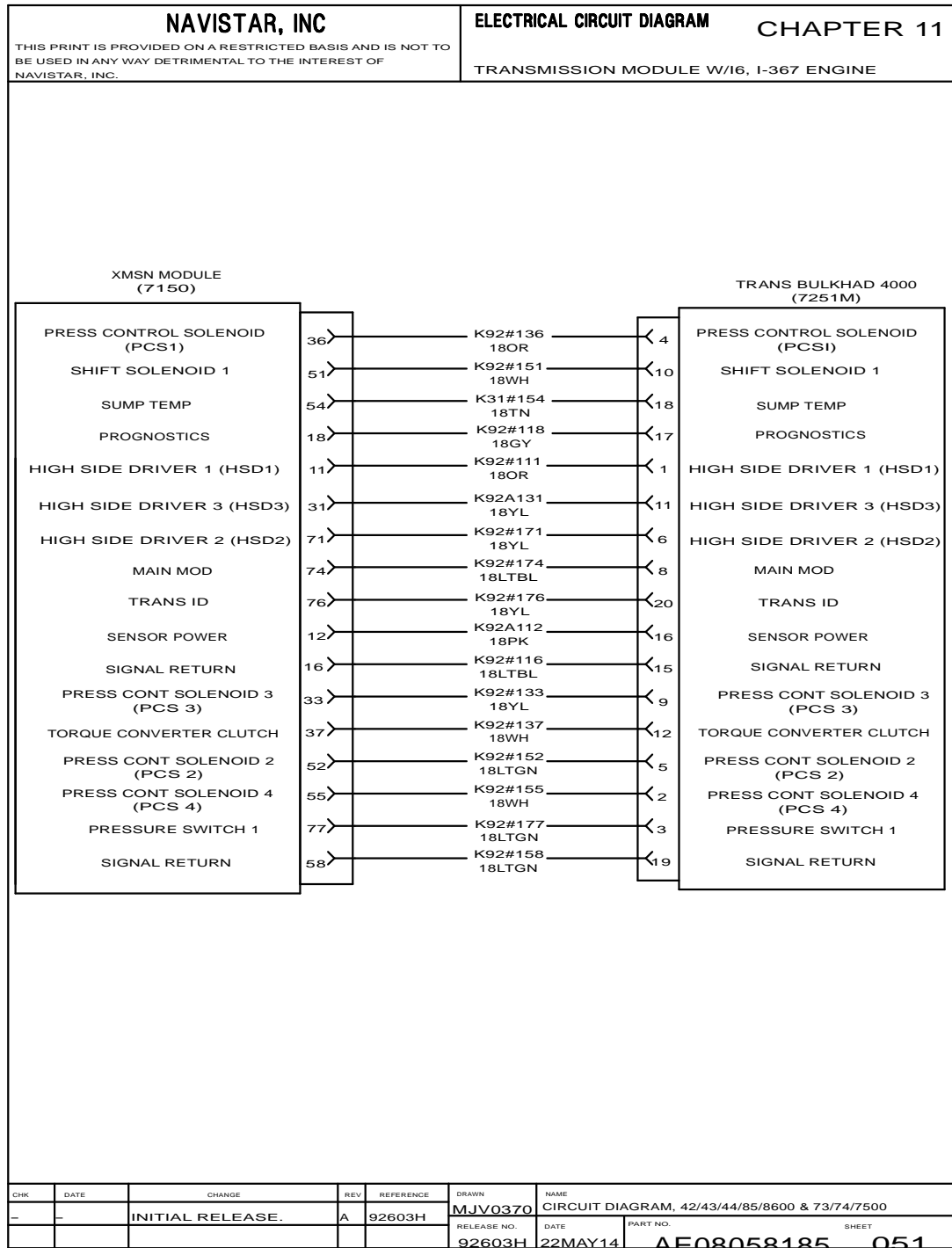


Figure 591 Transmission Module with I6, I-367 Engine

11.62. TRANSMISSION MODULE WITH I6, I-367 ENGINE (CONT.), P. 52

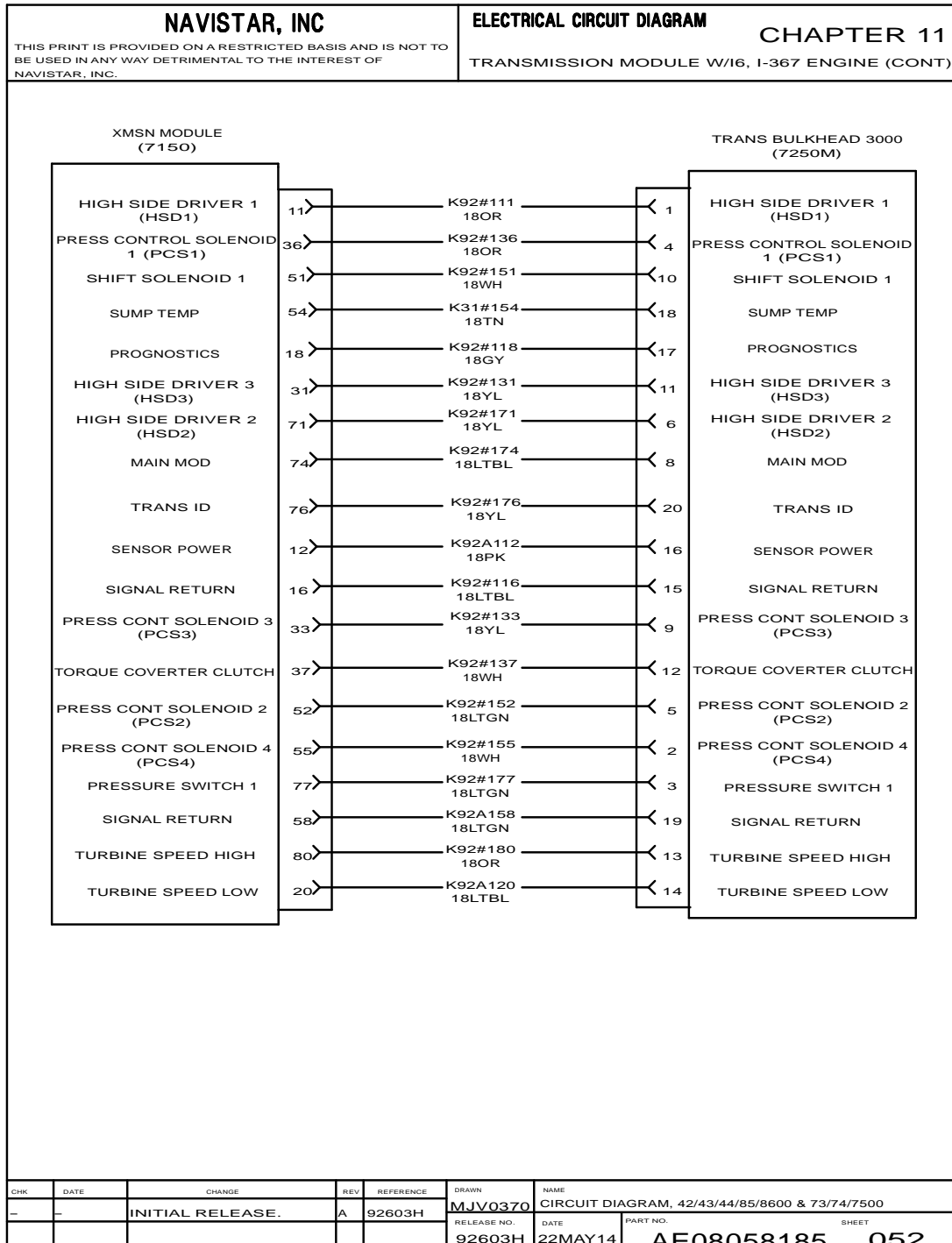


Figure 592 Transmission Module with I6, I-367 Engine (Cont.)

11.63. TRANSMISSION MODULE WITH I6, I-367 ENGINE (CONT.), P. 53

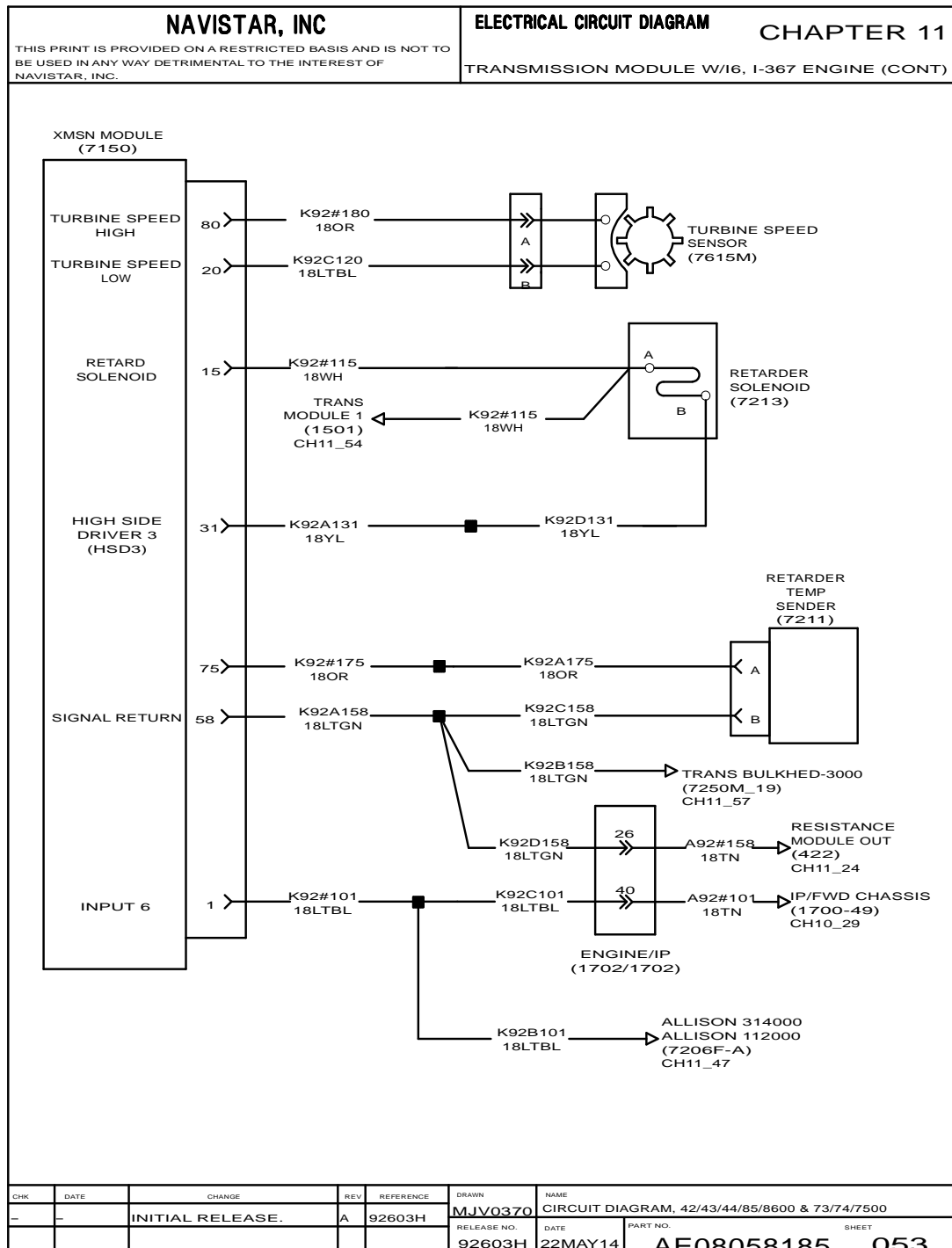


Figure 593 Transmission Module with I6, I-367 Engine (Cont.)

11.64. TRANSMISSION MODULE WITH I6, I-367 ENGINE (CONT.), P. 54

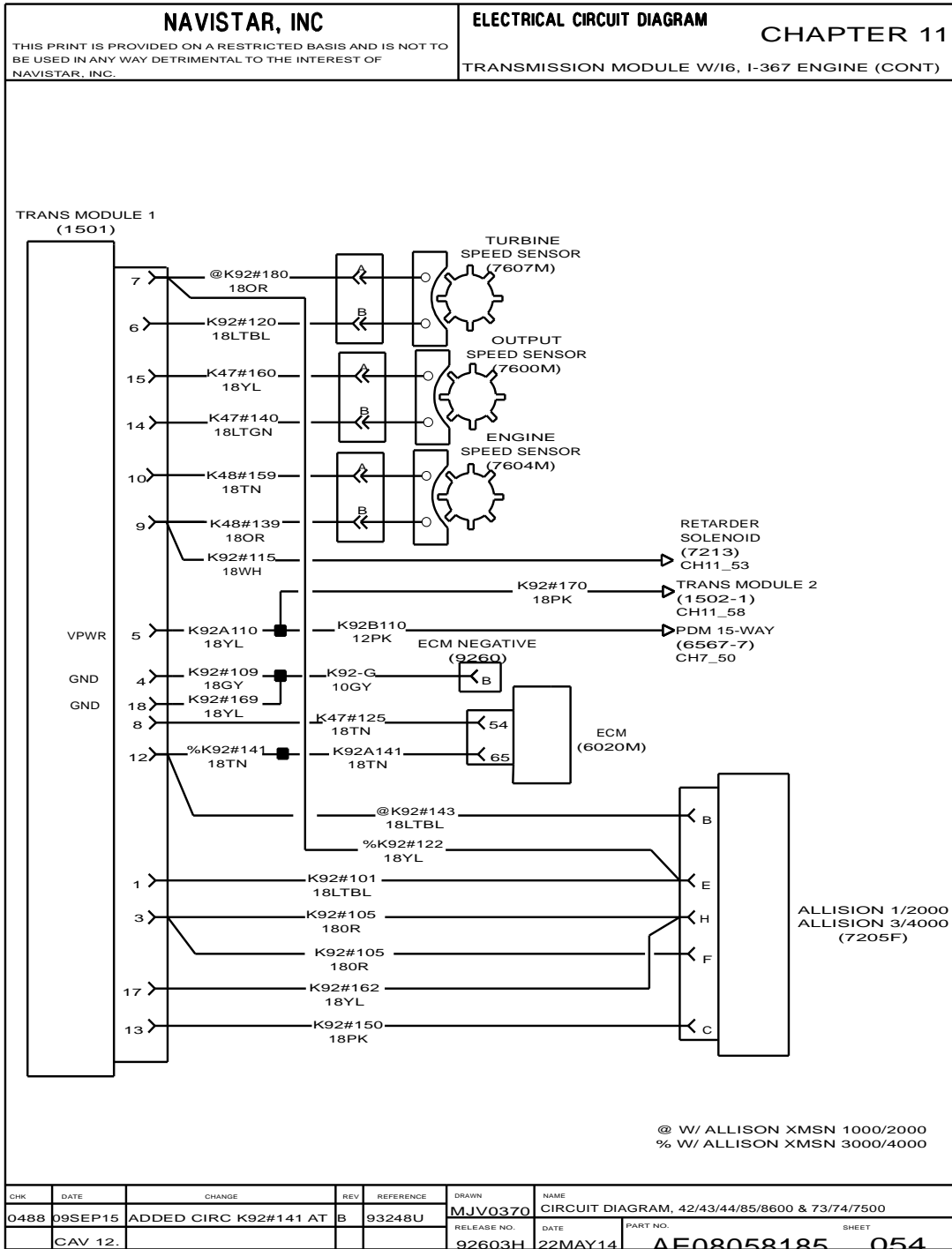


Figure 594 Transmission Module with I6, I-367 Engine (Cont.)

11.65. TRANSMISSION MODULE WITH I6, I-367 ENGINE (CONT.), P. 55

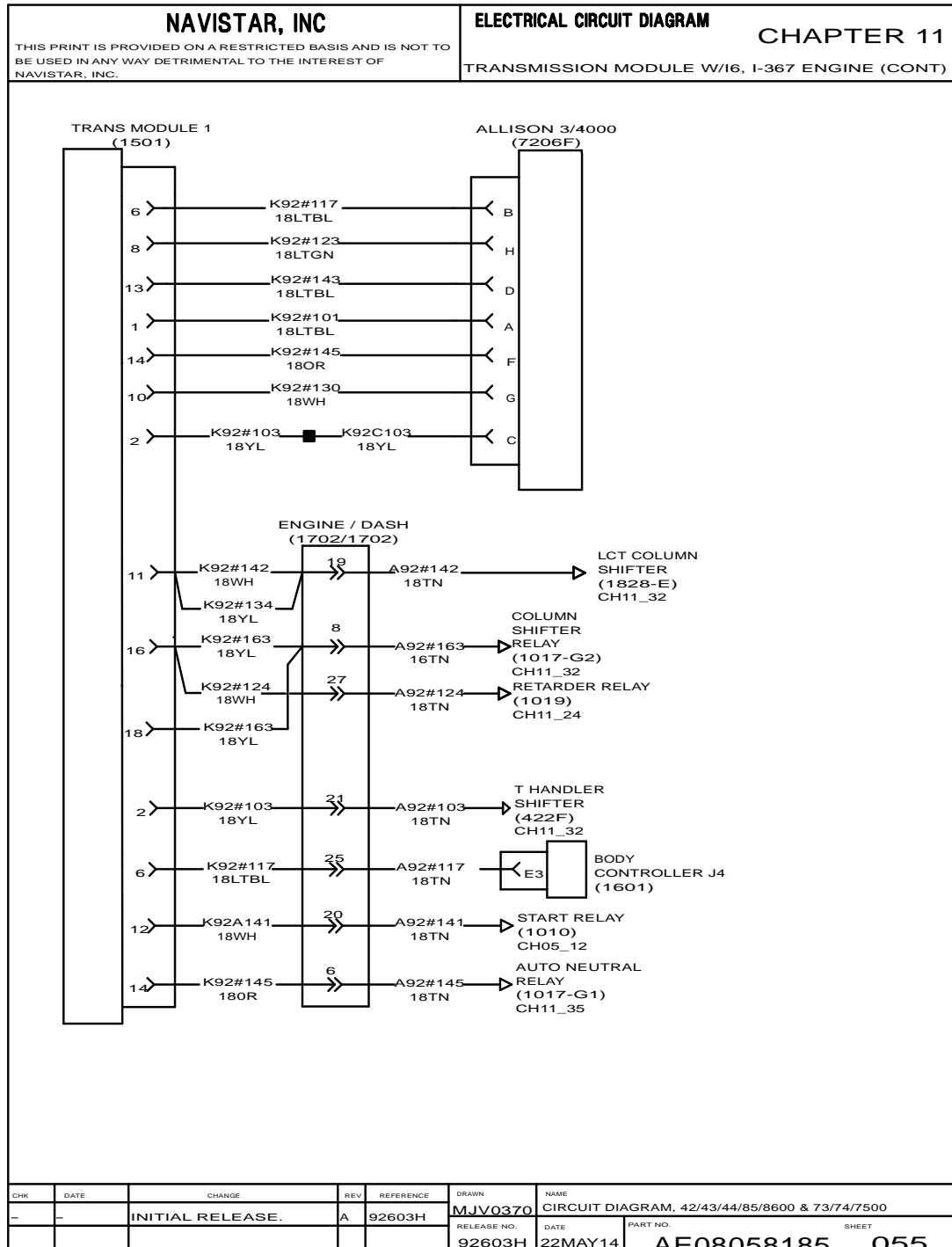


Figure 595 Transmission Module with I6, I-367 Engine (Cont.)

11.66. TRANSMISSION MODULE WITH I6, I-367 ENGINE (CONT.), P. 56

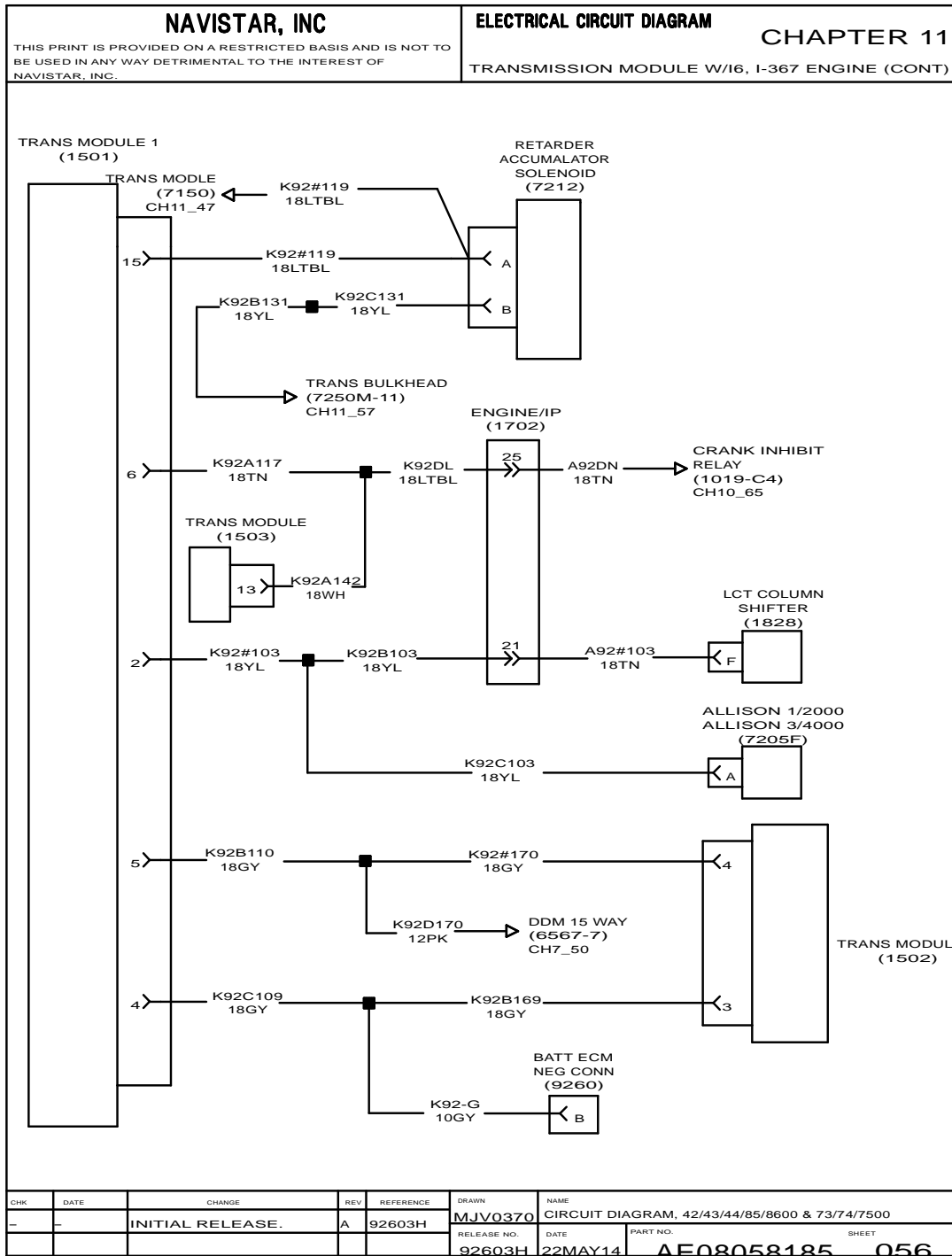


Figure 596 Transmission Module with I6, I-367 Engine (Cont.)

11.67. TRANSMISSION MODULE WITH I6, I-367 ENGINE (CONT.), P. 57

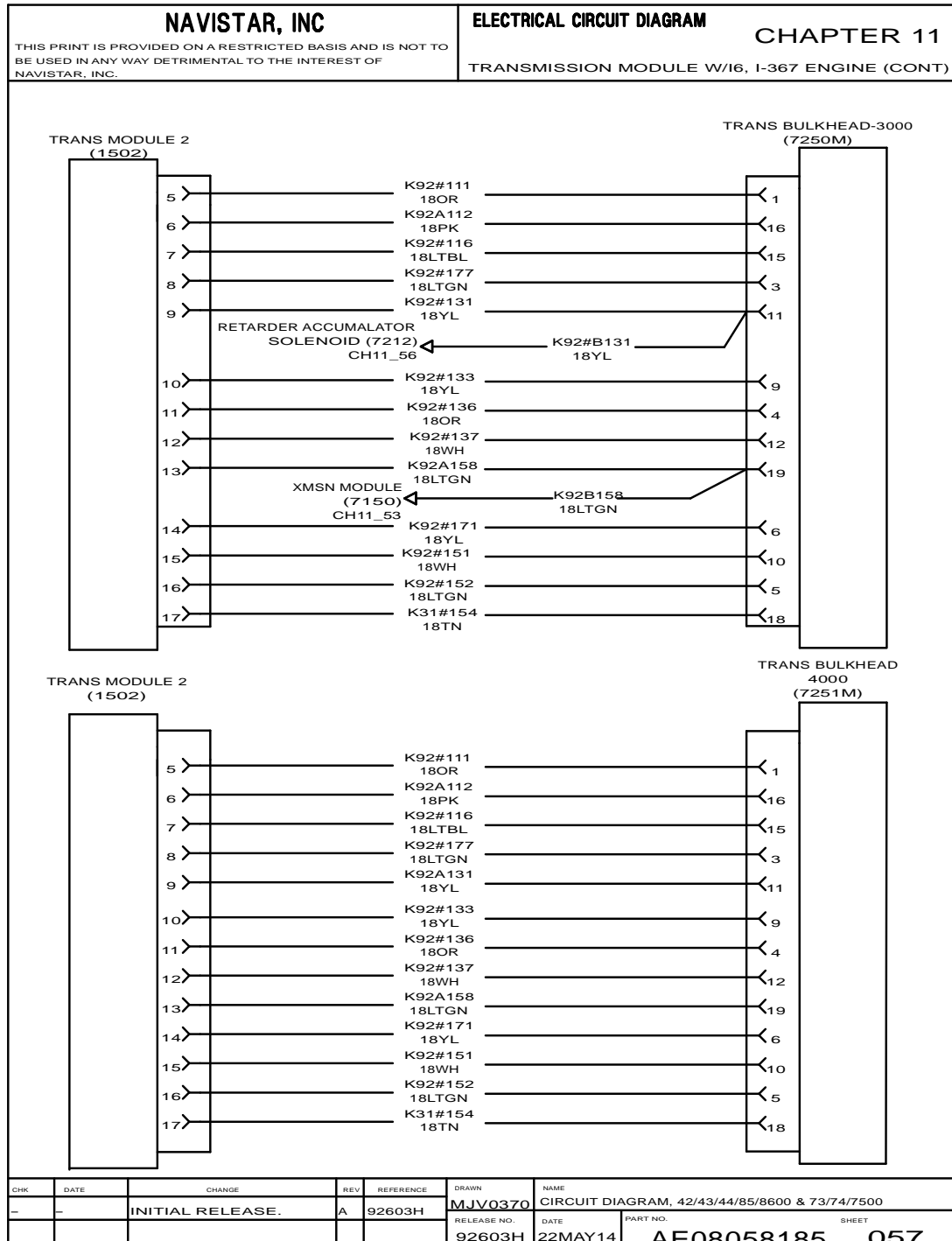


Figure 597 Transmission Module with I6, I-367 Engine (Cont.)

11.68. TRANSMISSION MODULE WITH I6, I-367 ENGINE (CONT.), P. 58

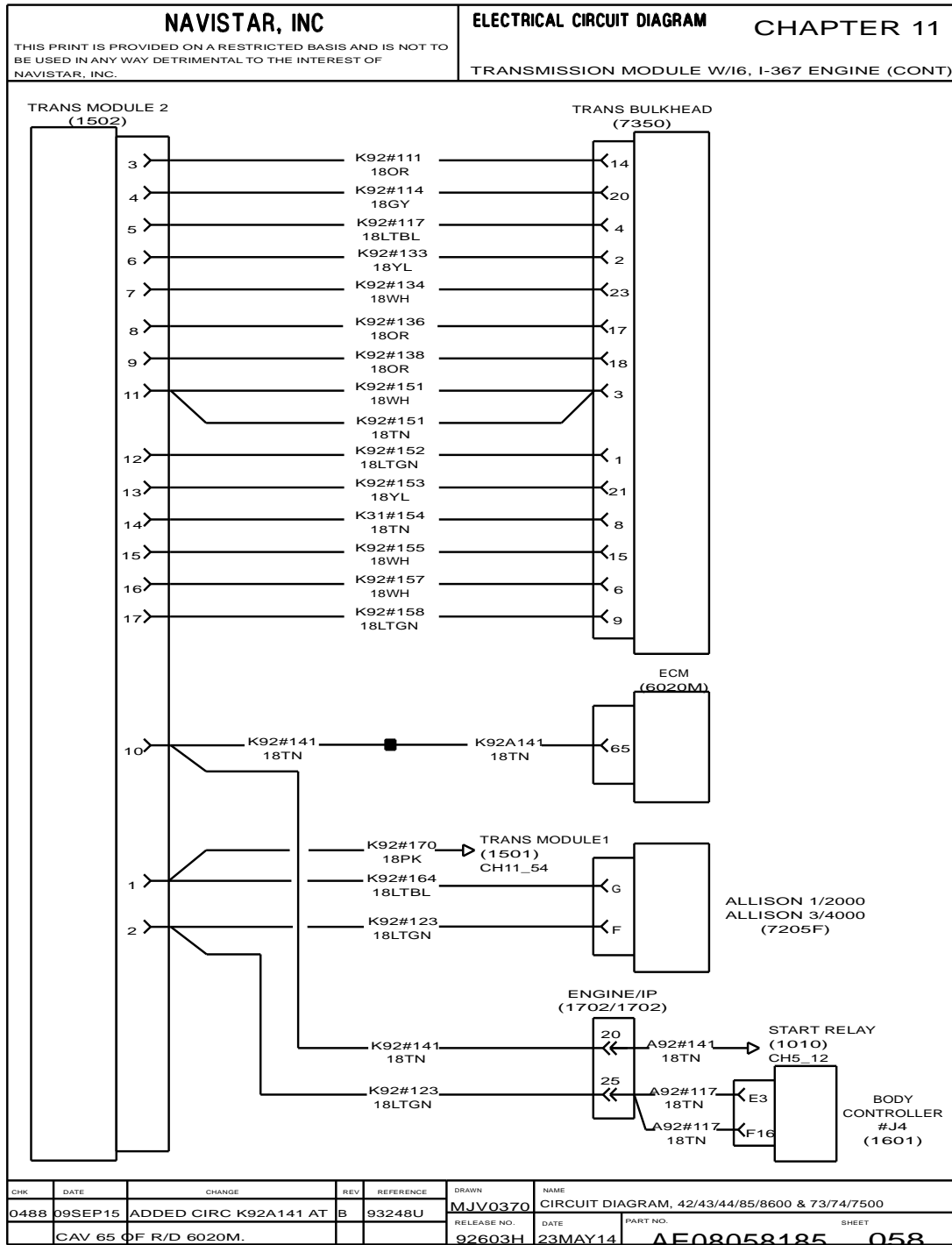


Figure 598 Transmission Module with I6, I-367 Engine (Cont.)

11.69. TRANSMISSION MODULE WITH I6, I-367 ENGINE (CONT.), P. 59

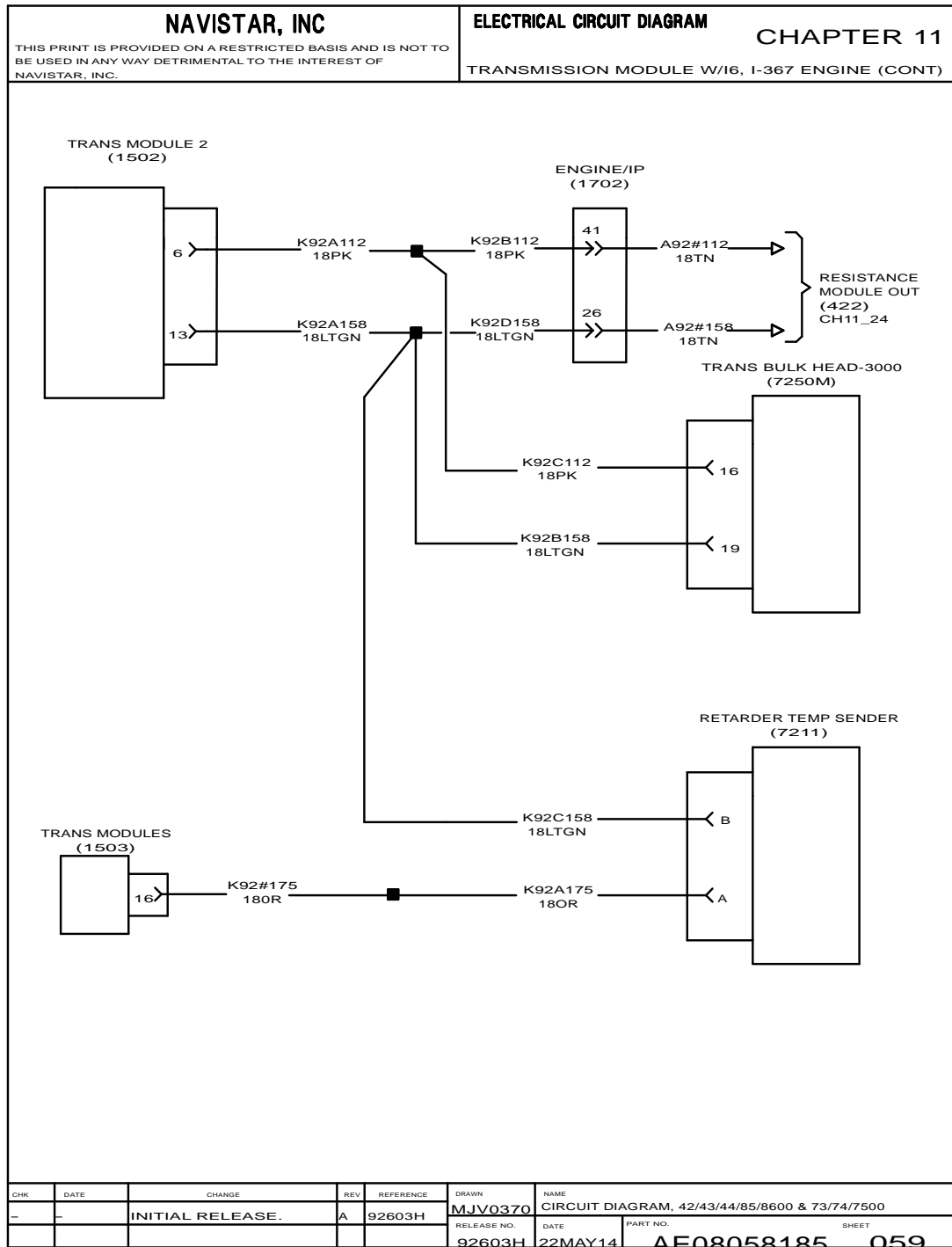


Figure 599 Transmission Module with I6, I-367 Engine (Cont.)

11.70. TRANSMISSION MODULE WITH I6, I-367 ENGINE (CONT.), P. 60

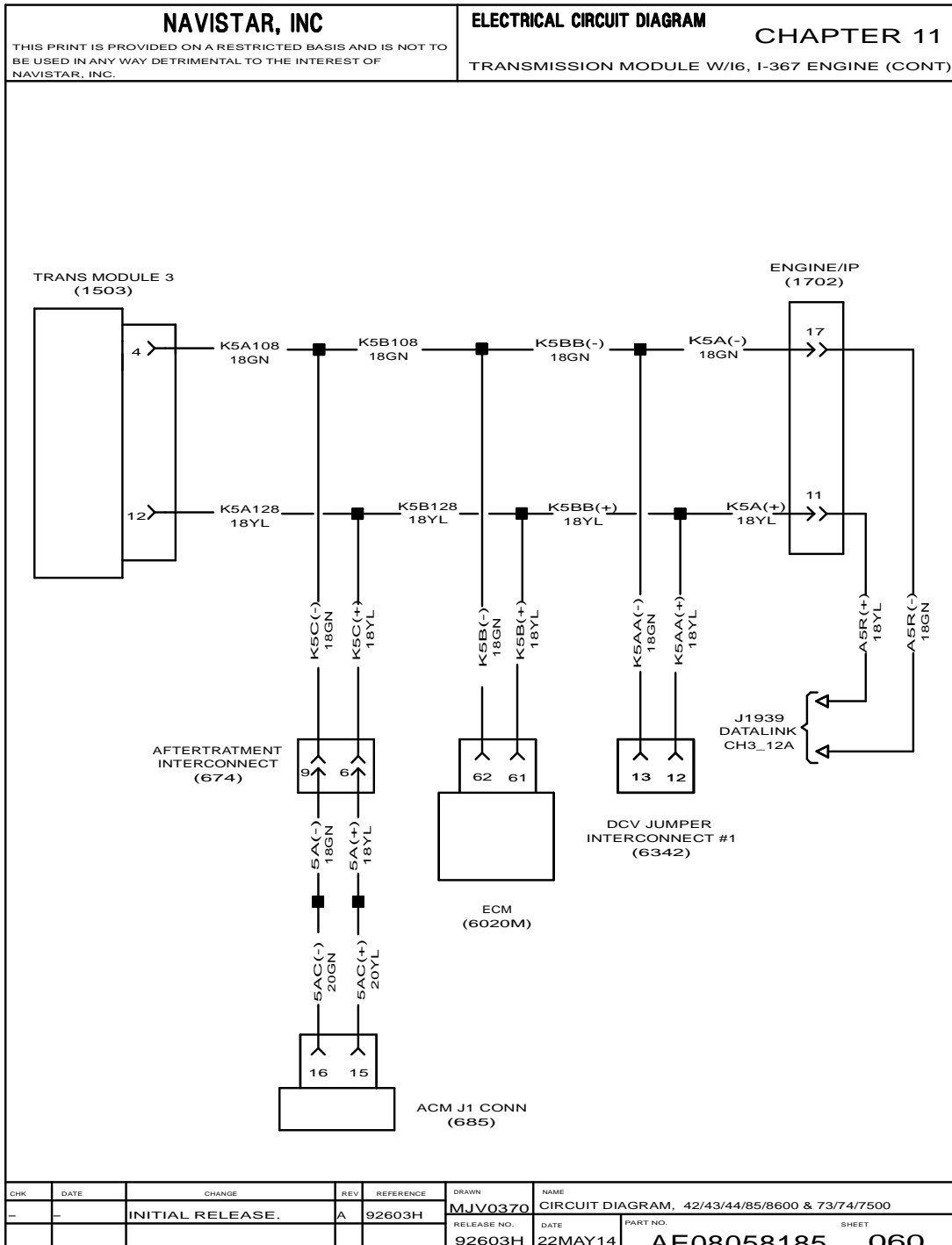


Figure 600 Transmission Module with I6, I-367 Engine (Cont.)

11.71. TRANSMISSION MODULE WITH I6, I-367 ENGINE (CONT.), P. 61

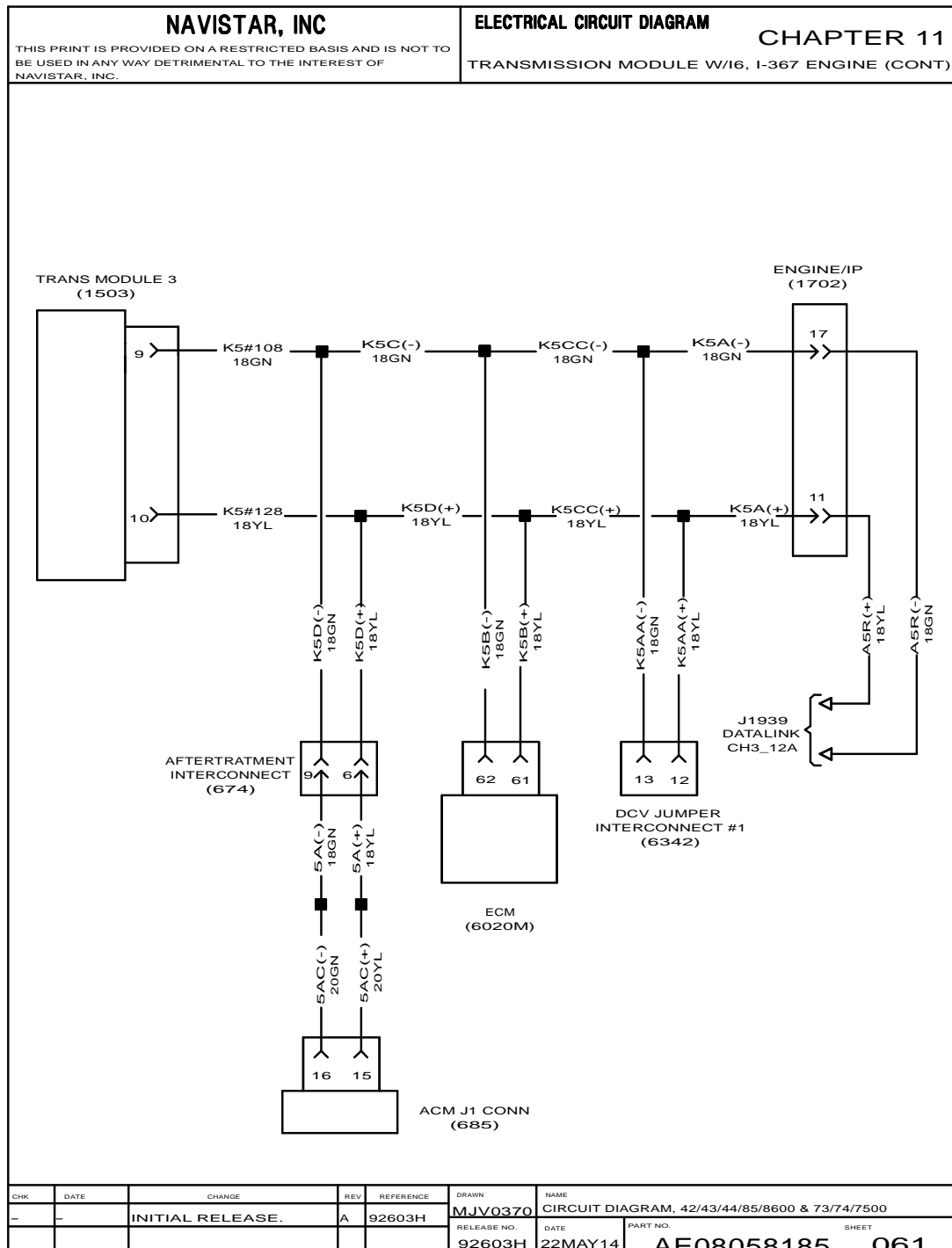


Figure 601 Transmission Module with I6, I-367 Engine (Cont.)

11.72. AAT / AMMETER / TWO-WAY RADIO WITH ISB ENGINE, P. 62

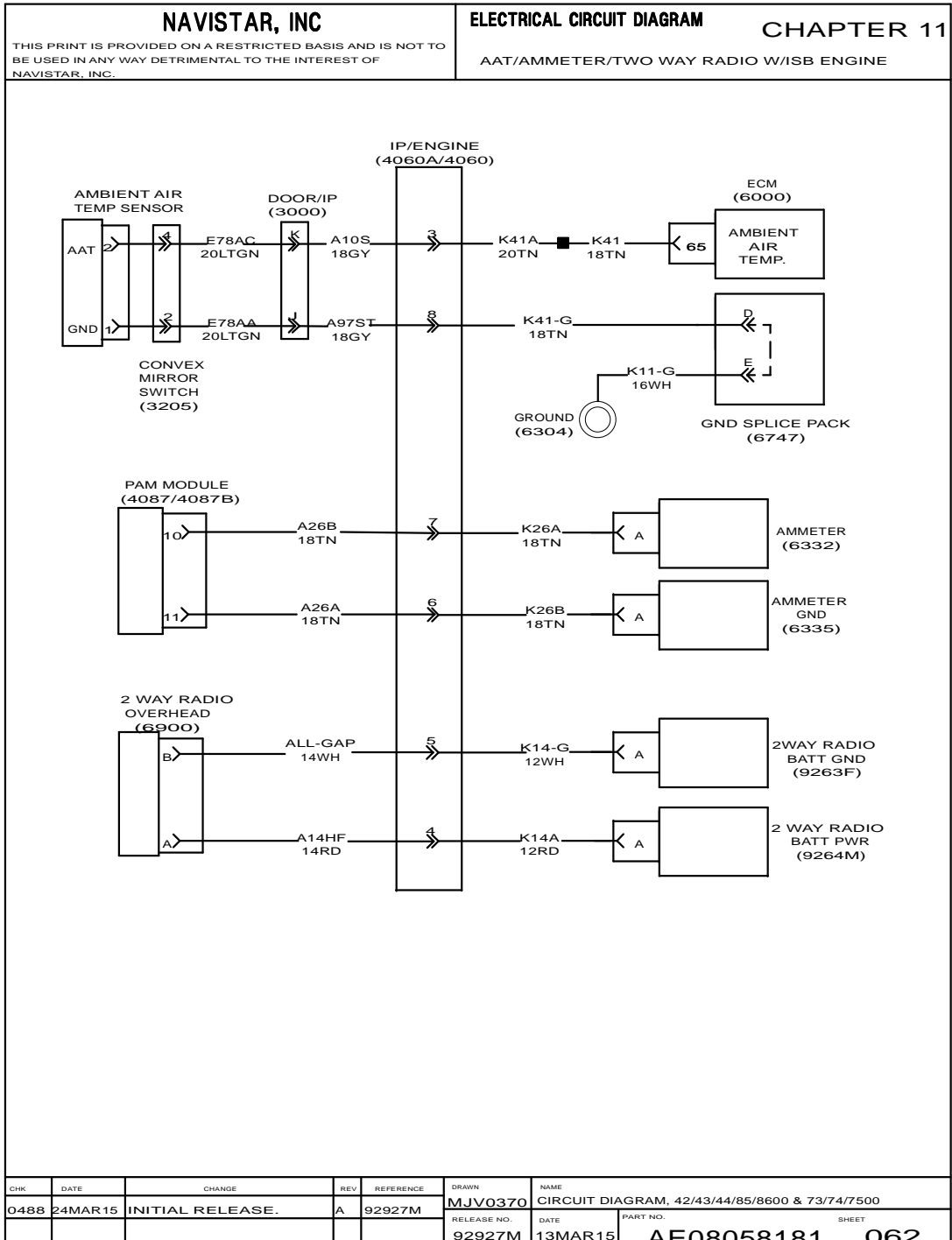


Figure 602 AAT / Ammeter / Two-Way Radio with ISB Engine

11.73. TRANSMISSION MODULE WITH I6, I-367 ENGINE (CONT.), P. 63

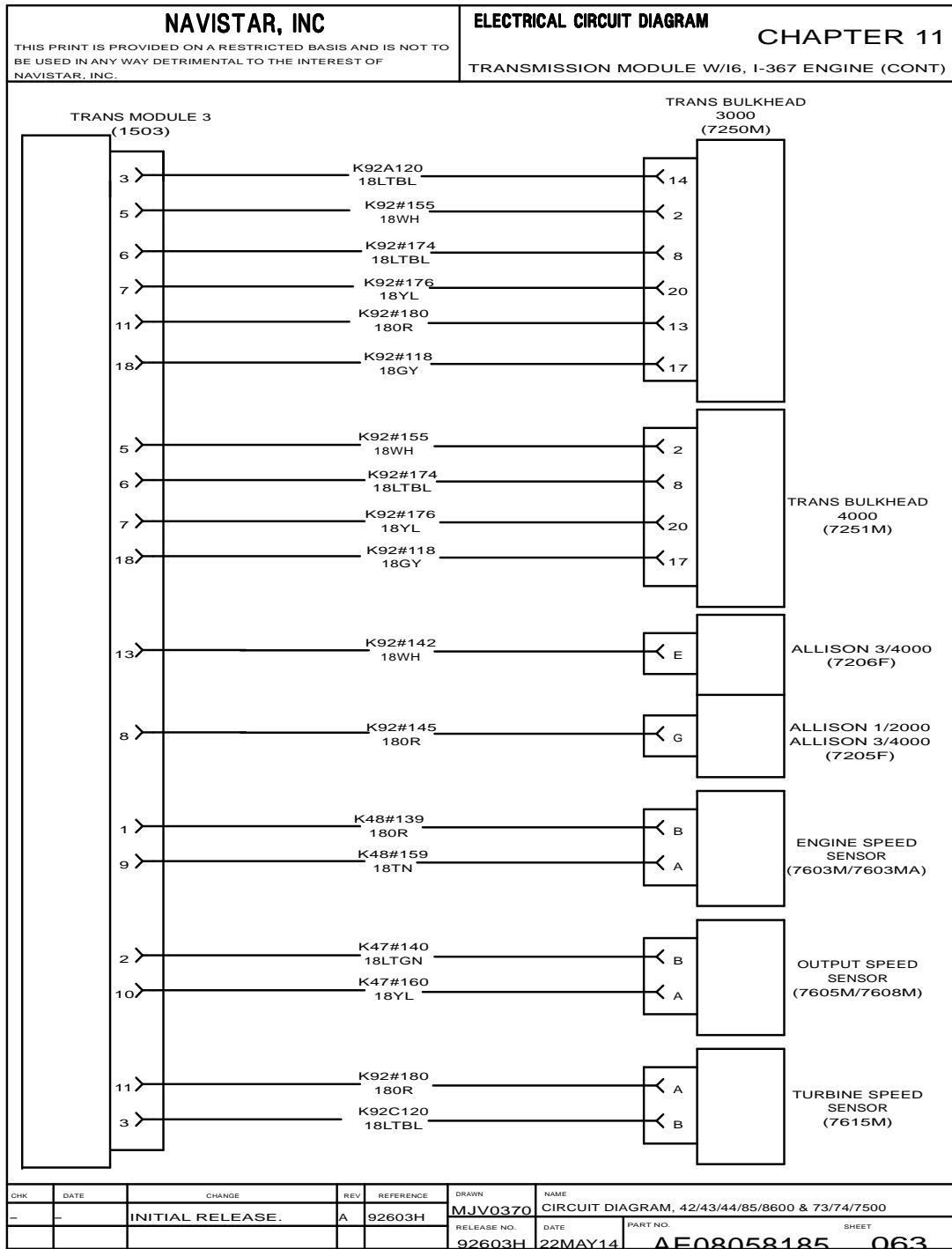


Figure 603 Transmission Module with I6, I-367 Engine (Cont.)

11.74. TRANSMISSION MODULE WITH I6, I-367 ENGINE (CONT.), P. 64

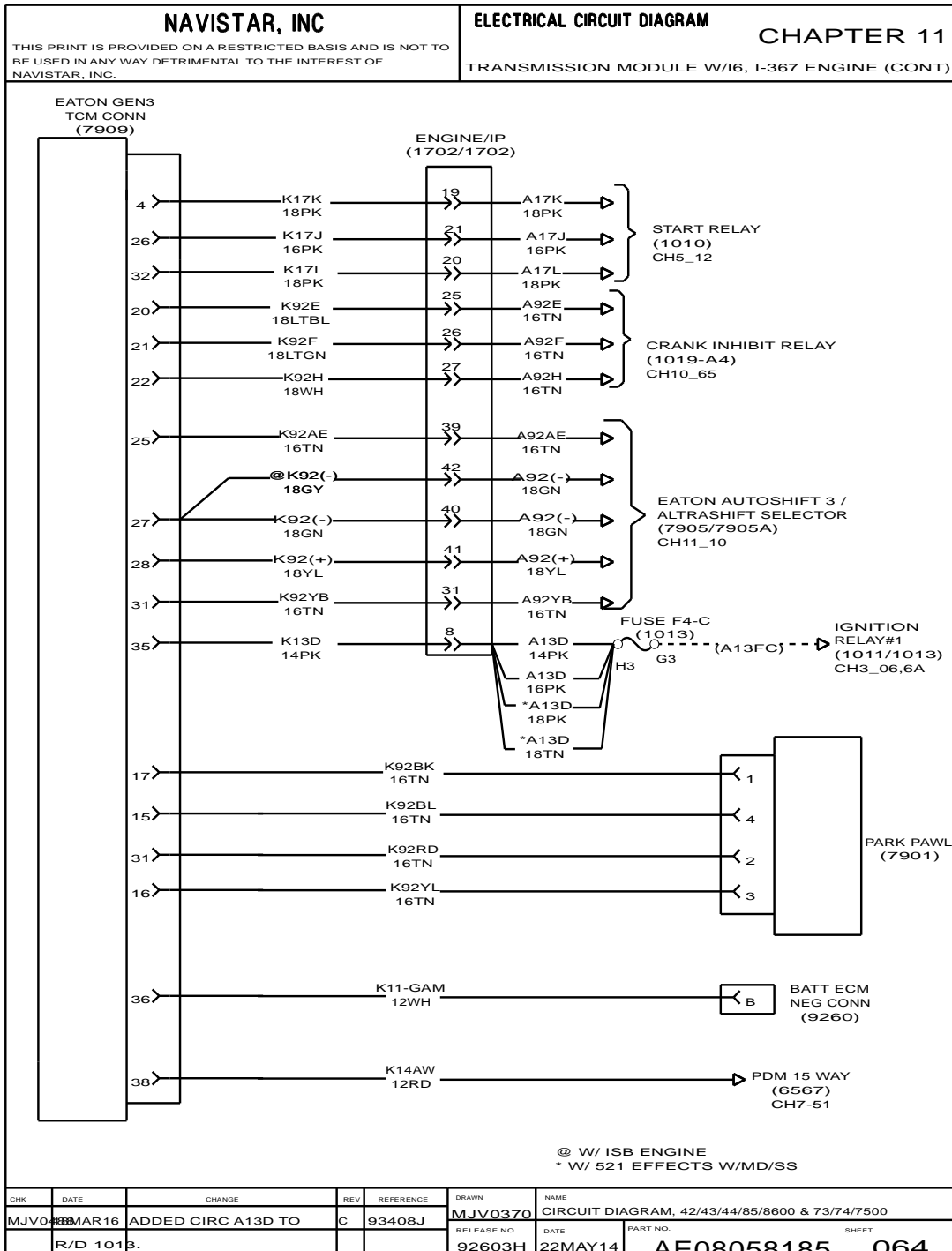


Figure 604 Transmission Module with I6, I-367 Engine (Cont.)

11.75. TRANSMISSION MODULE WITH I6, I-367 ENGINE (CONT.), P. 65

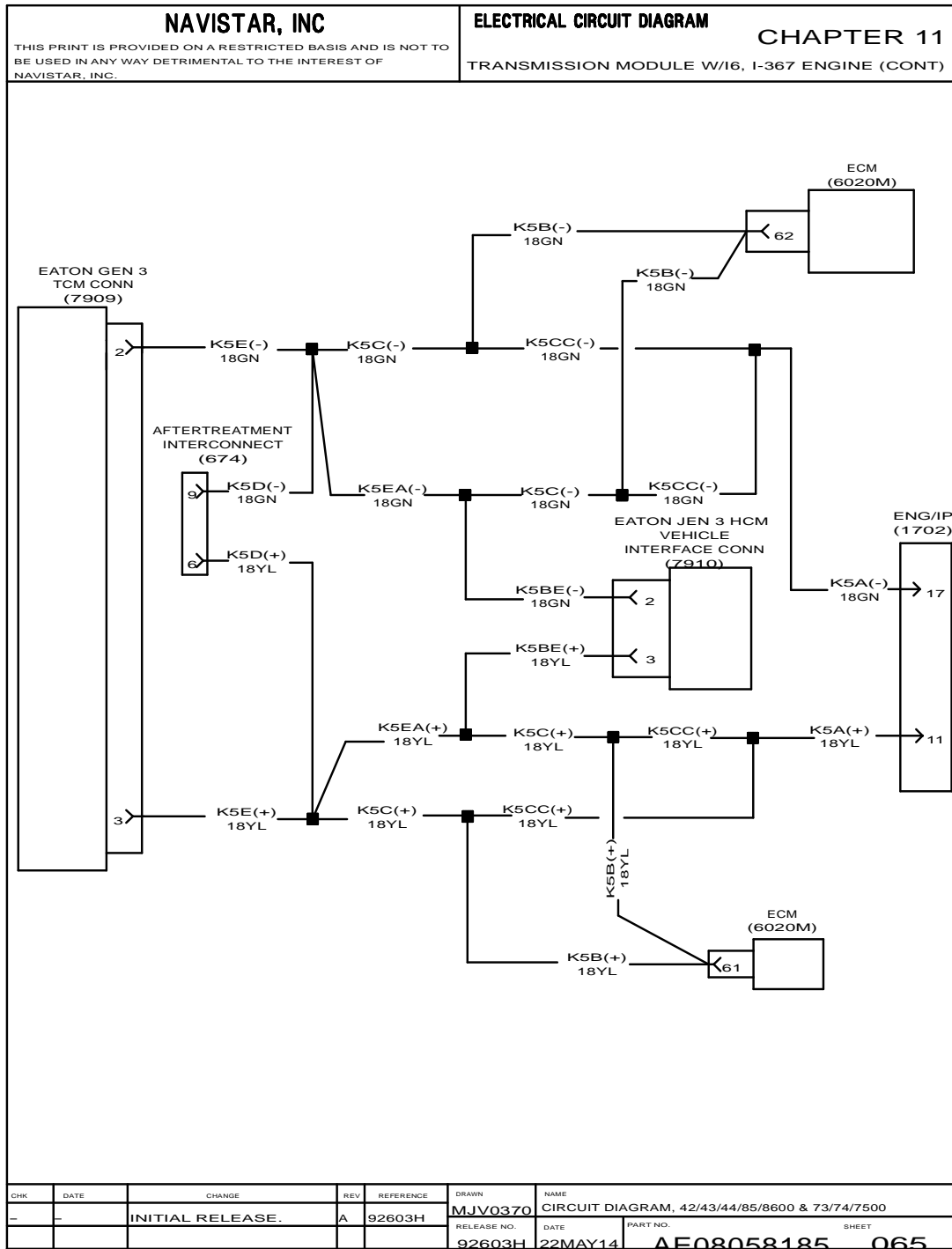


Figure 605 Transmission Module with I6, I-367 Engine (Cont.)

11.76. TRANSMISSION MODULE WITH I6, I-367 ENGINE (CONT.), P. 66

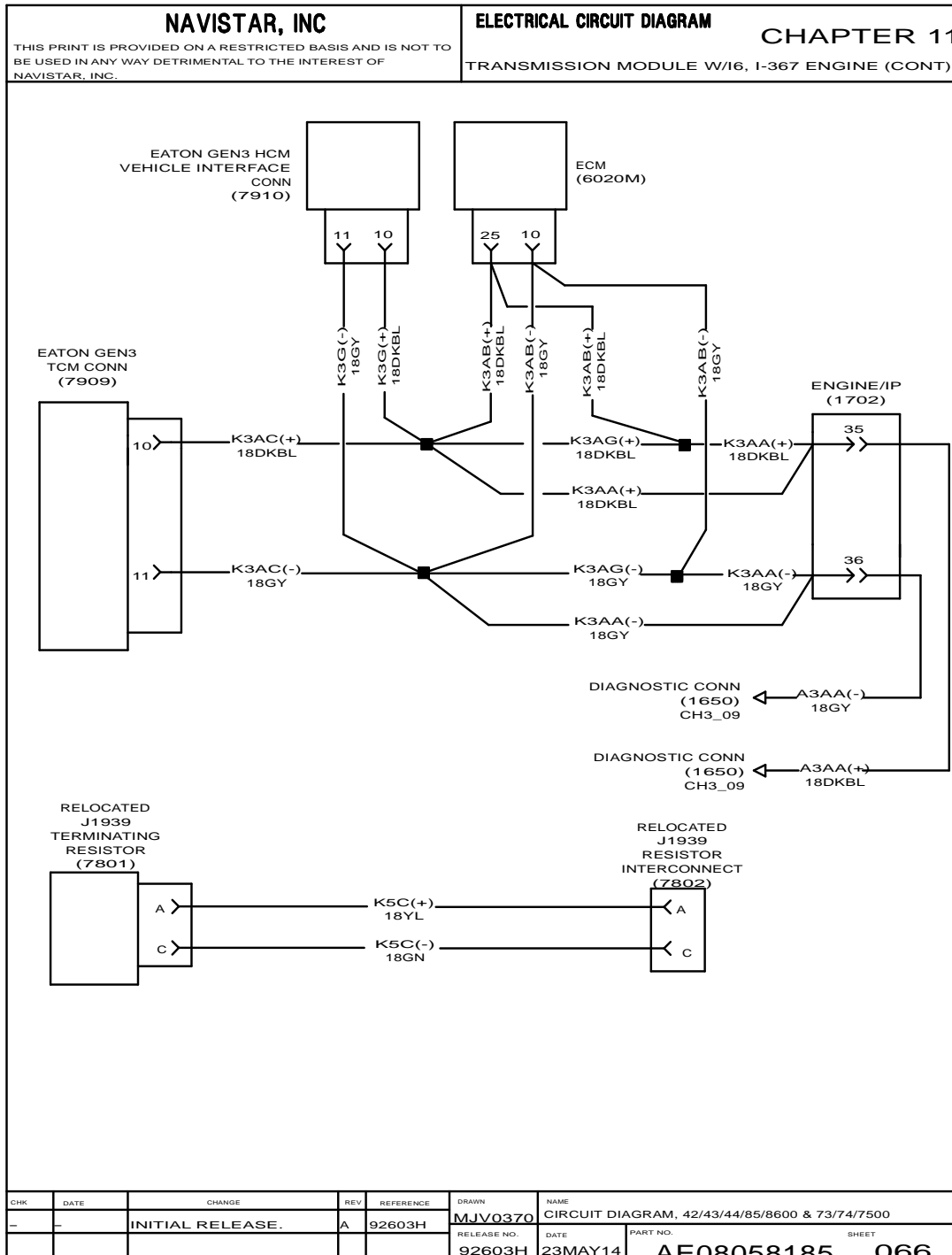


Figure 606 Transmission Module with I6, I-367 Engine (Cont.)

11.77. INTENTIONALLY LEFT BLANK, P. 67

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 11	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				INTENTIONALLY LEFT BLANK			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
0488	24MAR15	REMOVED GEOMETRY.	B	92927M	MJV0370	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
					RELEASE NO.	DATE	PART NO. SHEET
					92603H	22MAY14	AE08058185 067

Figure 607 Intentionally Left Blank

11.78. J1939 DATA LINK WIRING WITH I6, I-367 ENGINE, P. 68

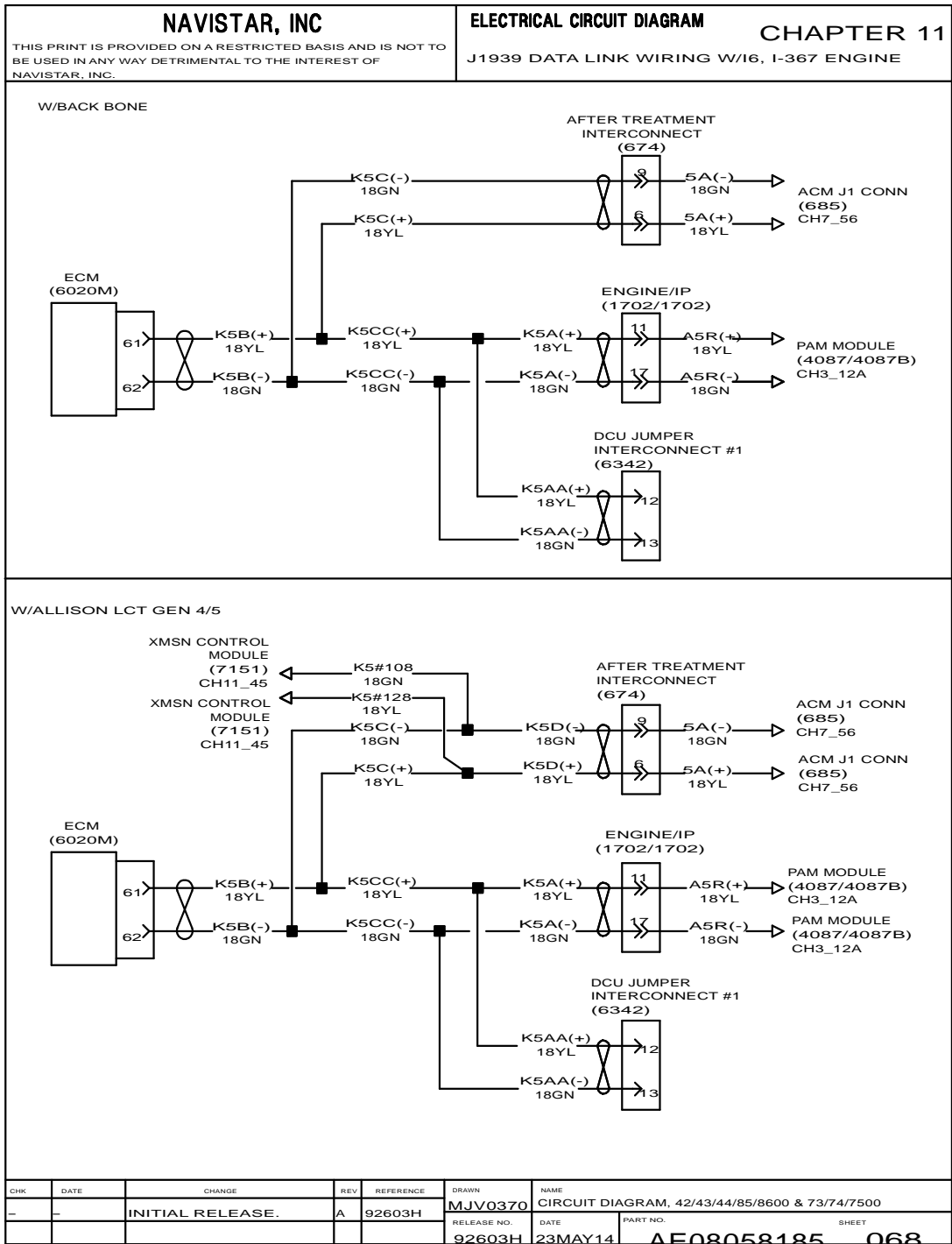


Figure 608 J1939 Data Link Wiring with I6, I-367 Engine

11.79. EATON GEN 3 HCM VEHICLE INTERFACE CONNECTION WITH I6, I-367 ENGINE, P. 69

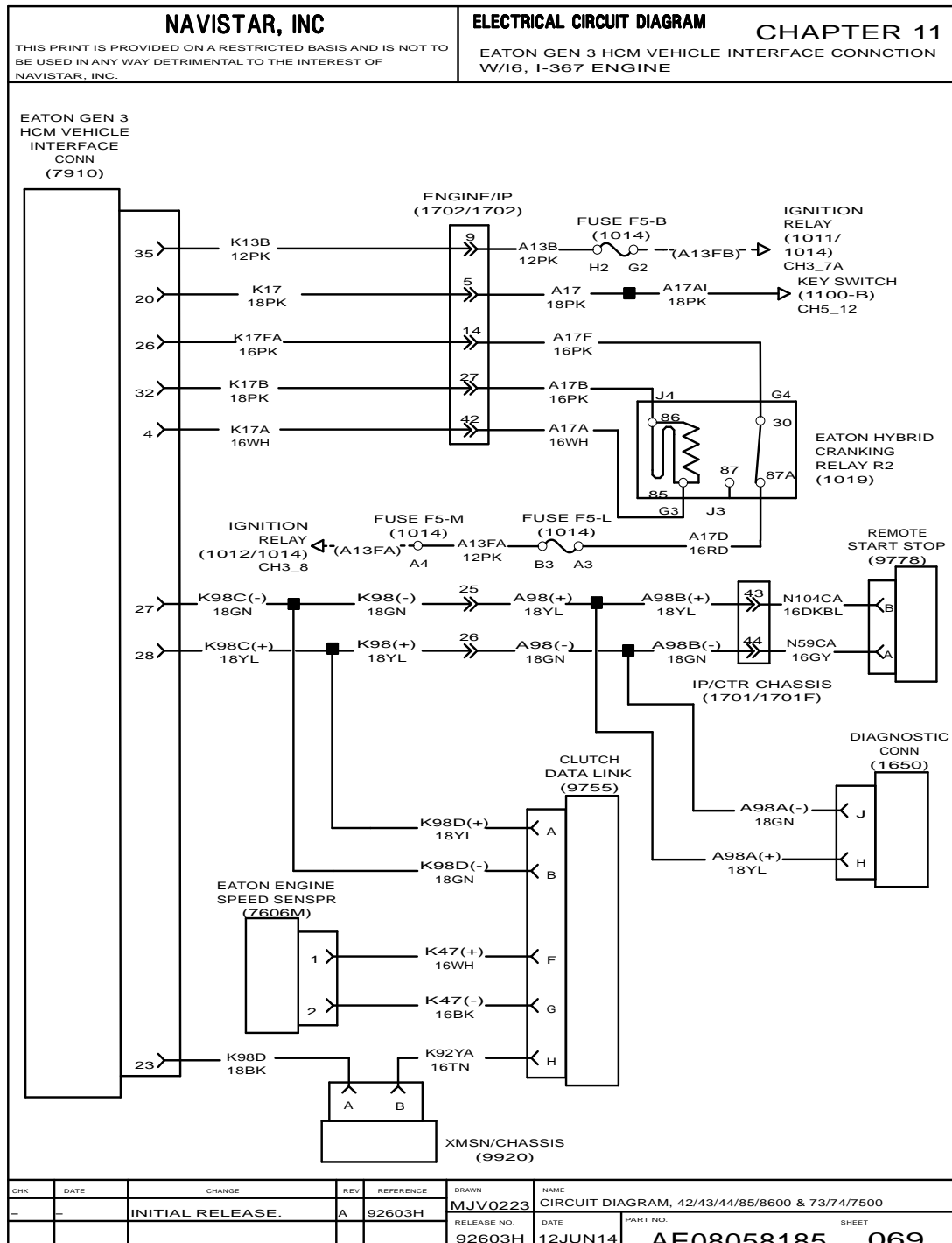


Figure 609 Eaton Gen 3 HCM Vehicle Interface Connection with I6, I-367 Engine

11.80. ALLISON TRANSMISSION (2013 CUMMINS ISB), P. 70

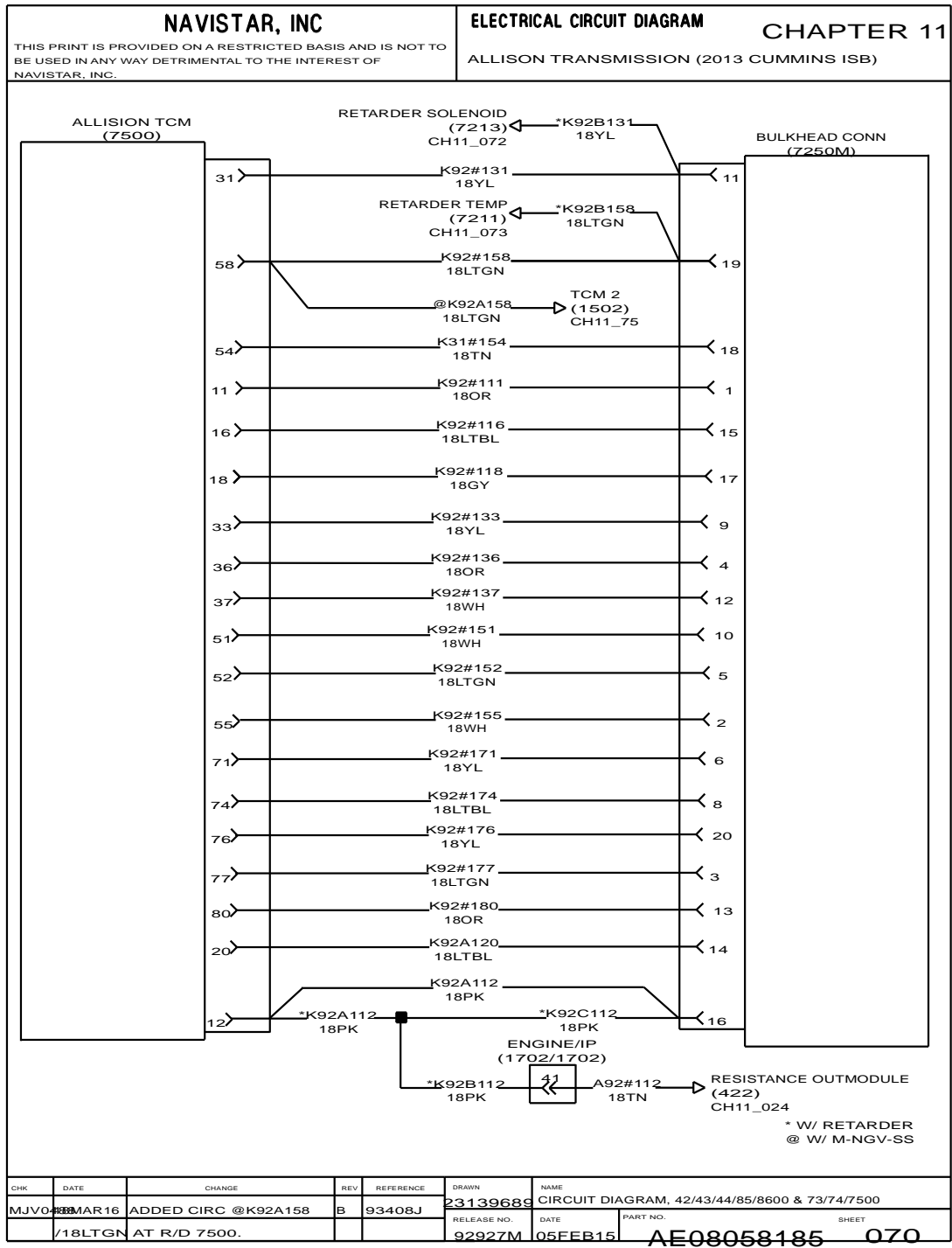


Figure 610 Allison Transmission (2013 Cummins ISB)

11.81. ALLISON TRANSMISSION (2013 CUMMINS ISB) WITH BODY BUILDER CONNECTOR, P. 71

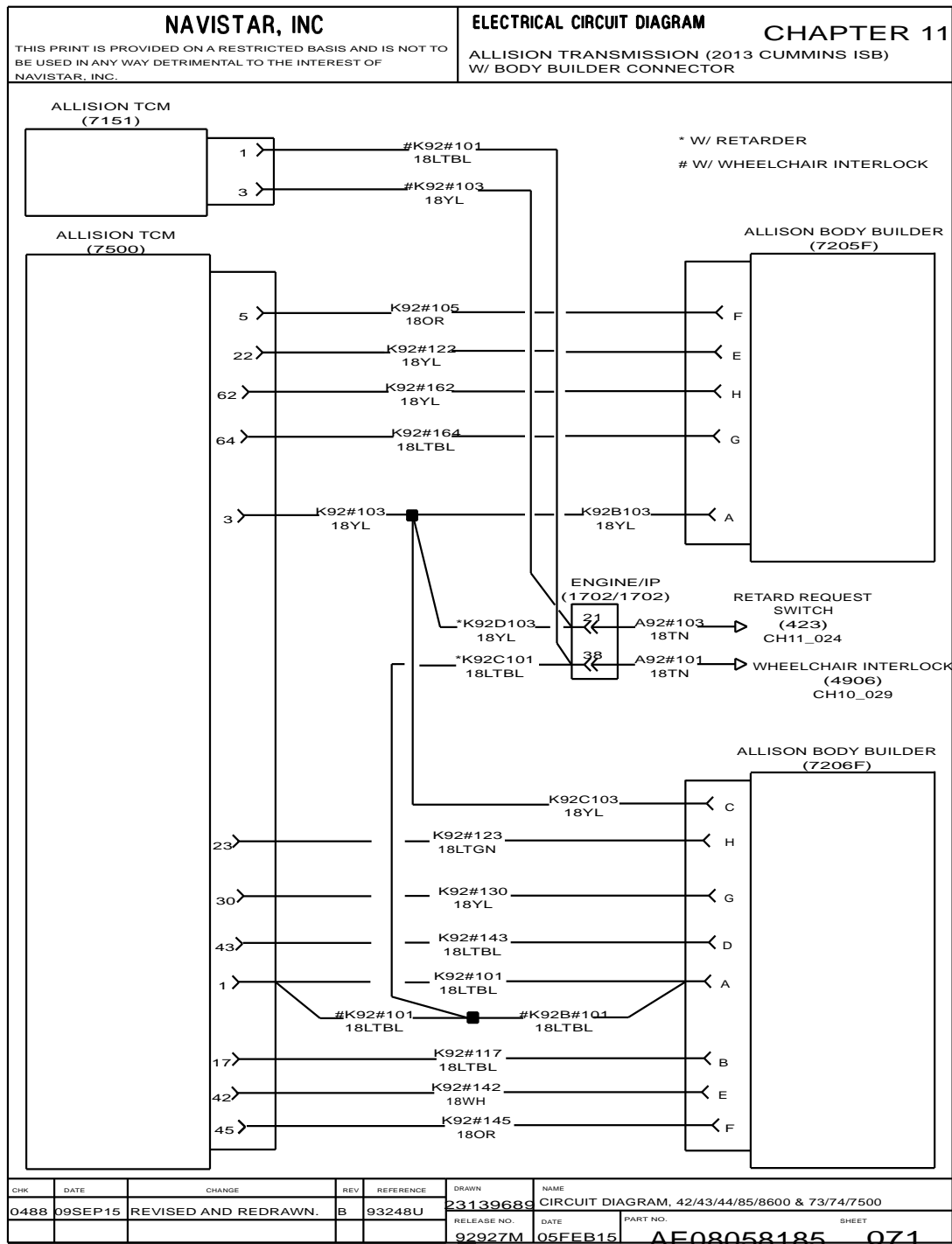


Figure 611 Allison Transmission (2013 Cummins ISB) with Body Builder Connector

11.82. ALLISON TRANSMISSION (2013 CUMMINS ISB MD), P. 72

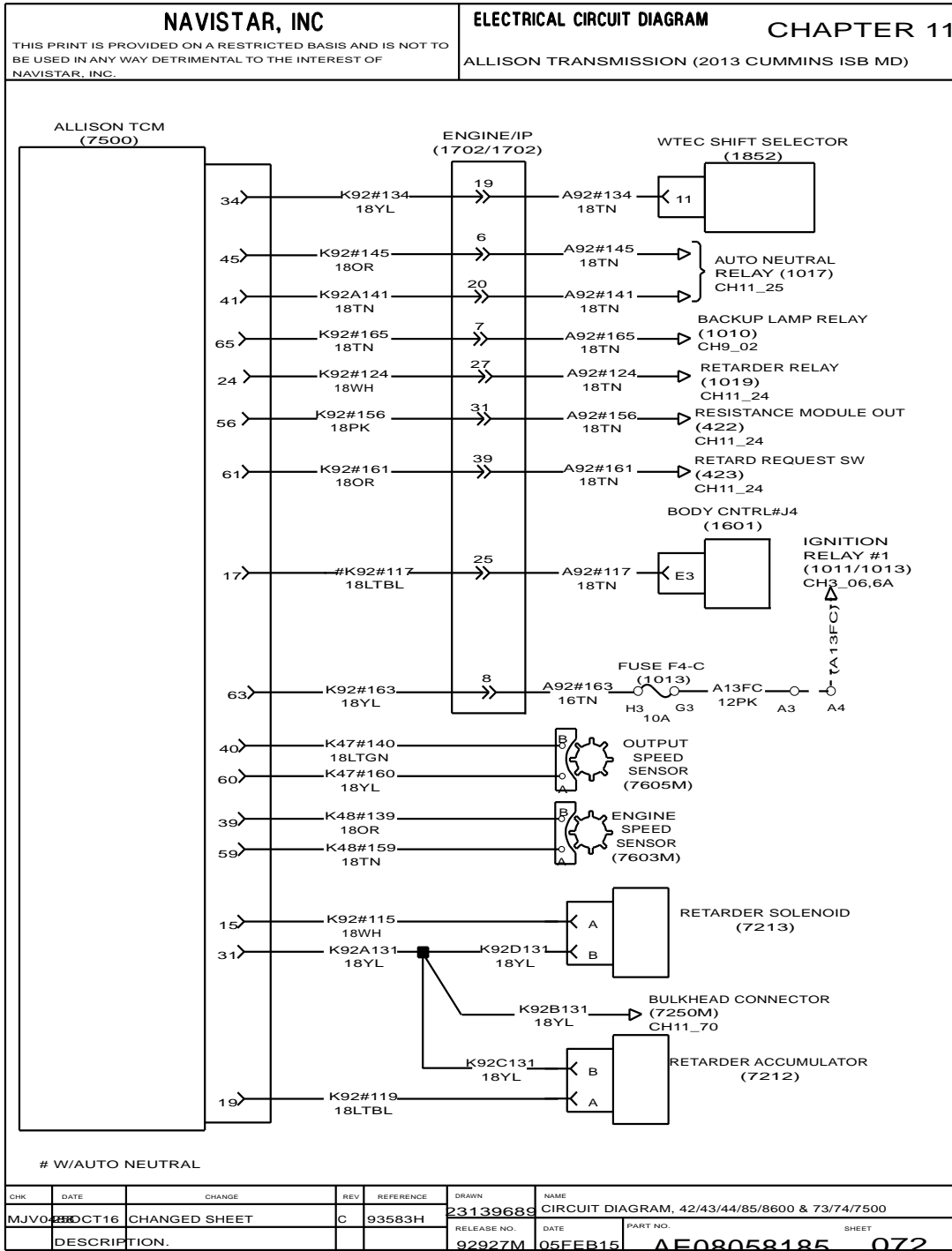


Figure 612 Allison Transmission (2013 Cummins ISB MD)

11.83. ALLISON TRANSMISSION (2013 CUMMINS ISB MD) (CONT.), P. 73

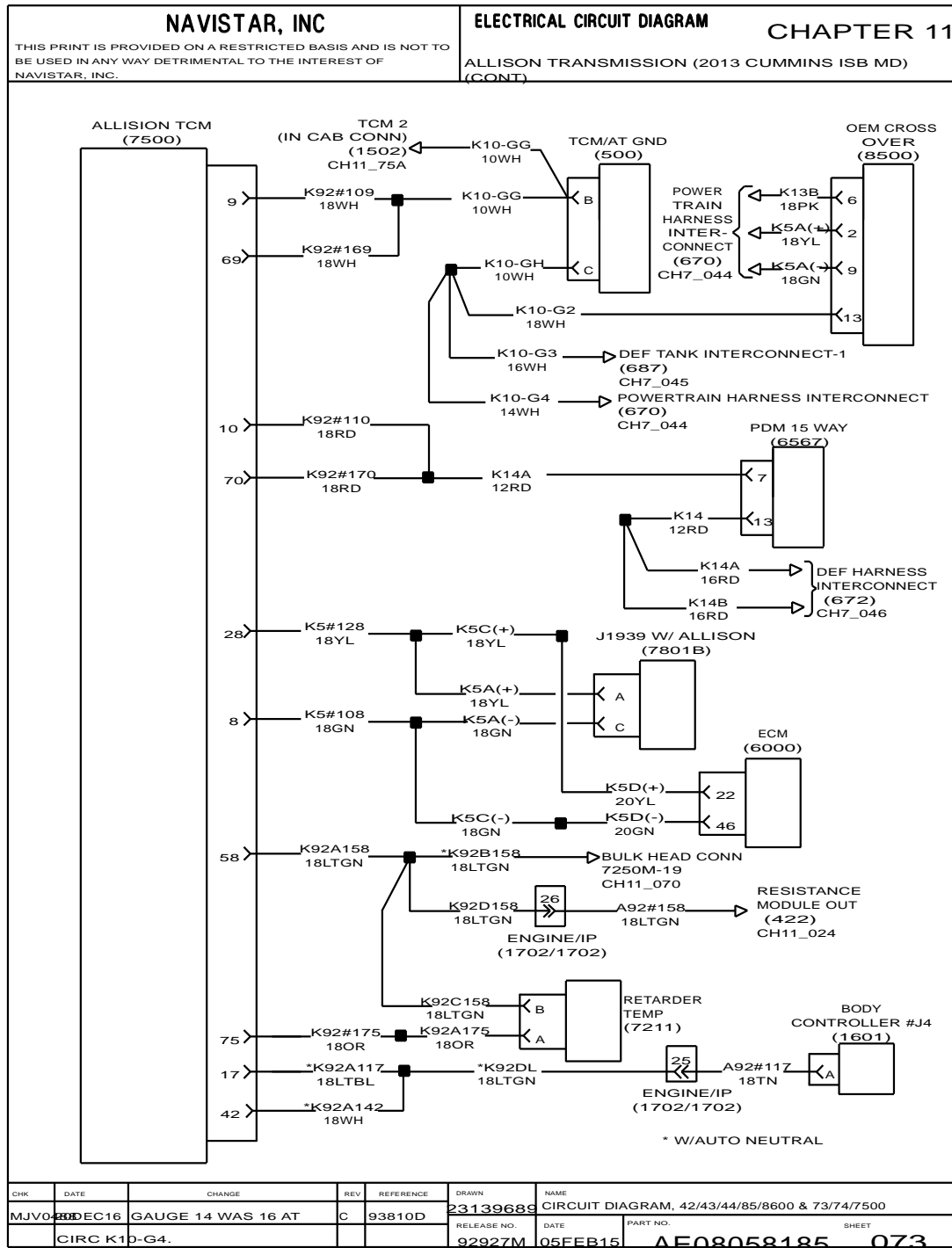


Figure 613 Allison Transmission (2013 Cummins ISB MD) (Cont.)

11.84. ALLISON TRANSMISSION WITH GEN5 IN CAB WITH ISB ENGINE, P. 74

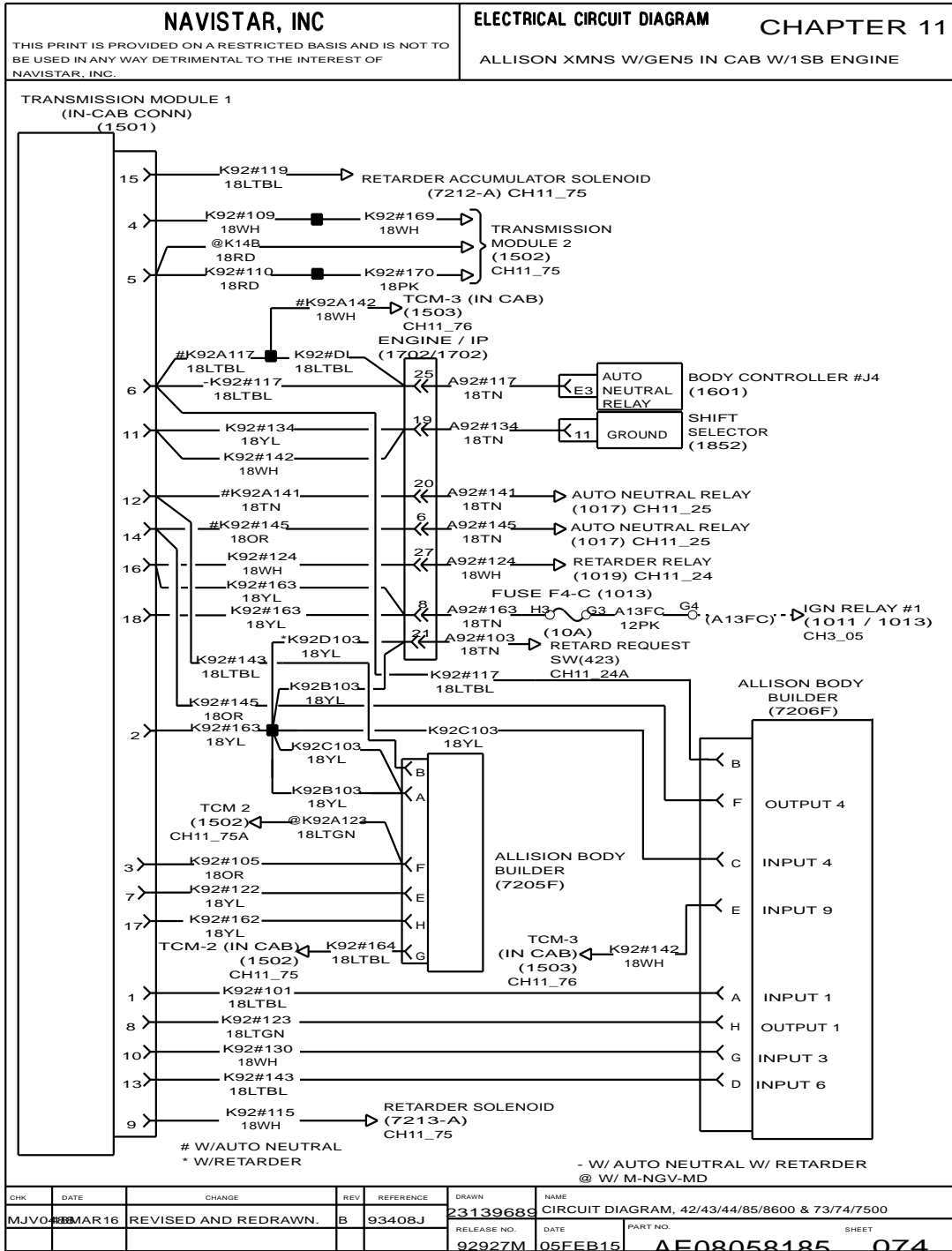


Figure 614 Allison Transmission with GEN5 in Cab with ISB Engine

11.85. ALLISON TRANSMISSION WITH GEN5 WITH CUMMINS ISB ENGINE WITH M-NGV-MD, P. 74A

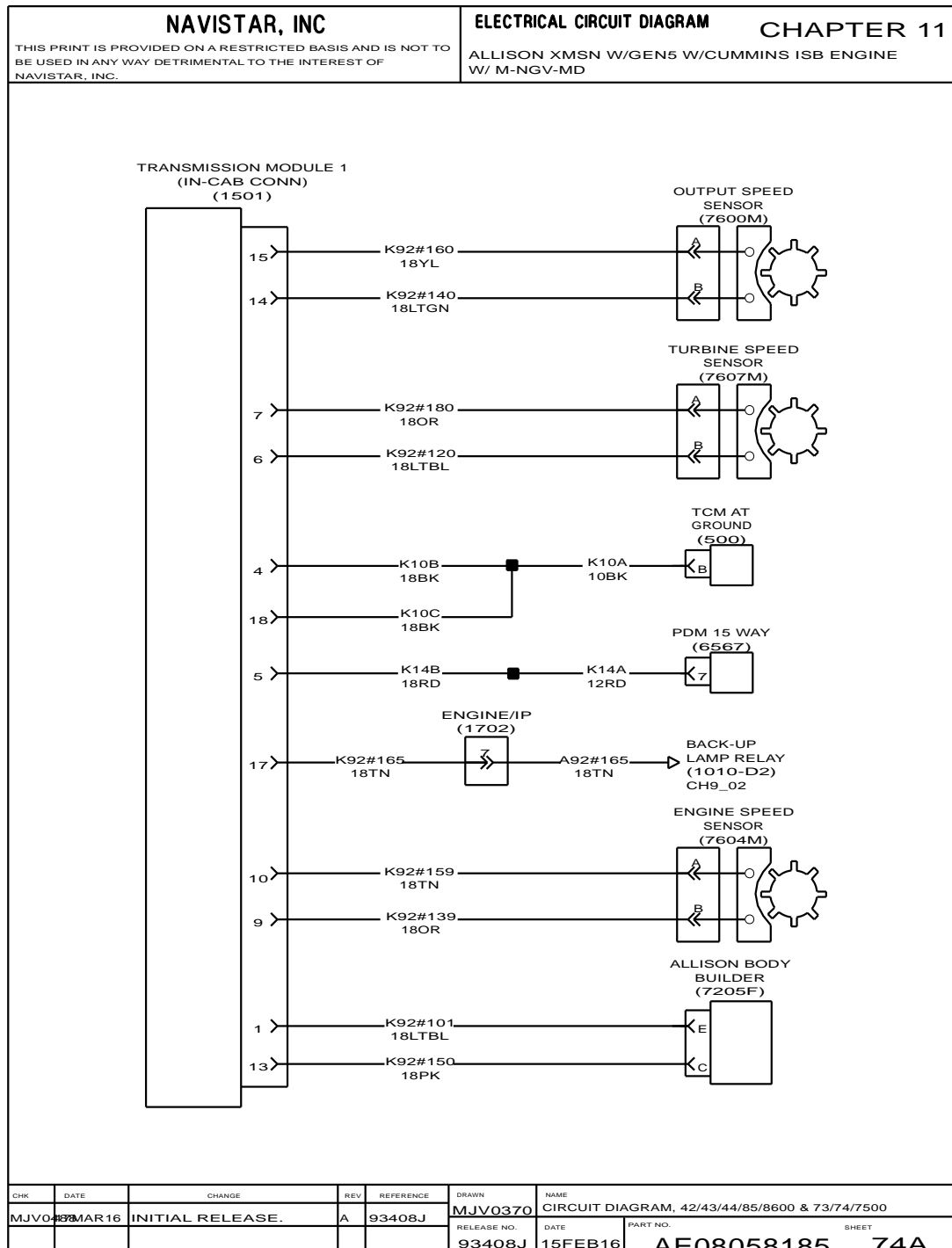


Figure 615 Allison Transmission with GEN5 with Cummins ISB Engine with M-NGV-MD

11.86. ALLISON TRANSMISSION WITH GEN5 IN CAB WITH ISB ENGINE (CONT.), P. 75

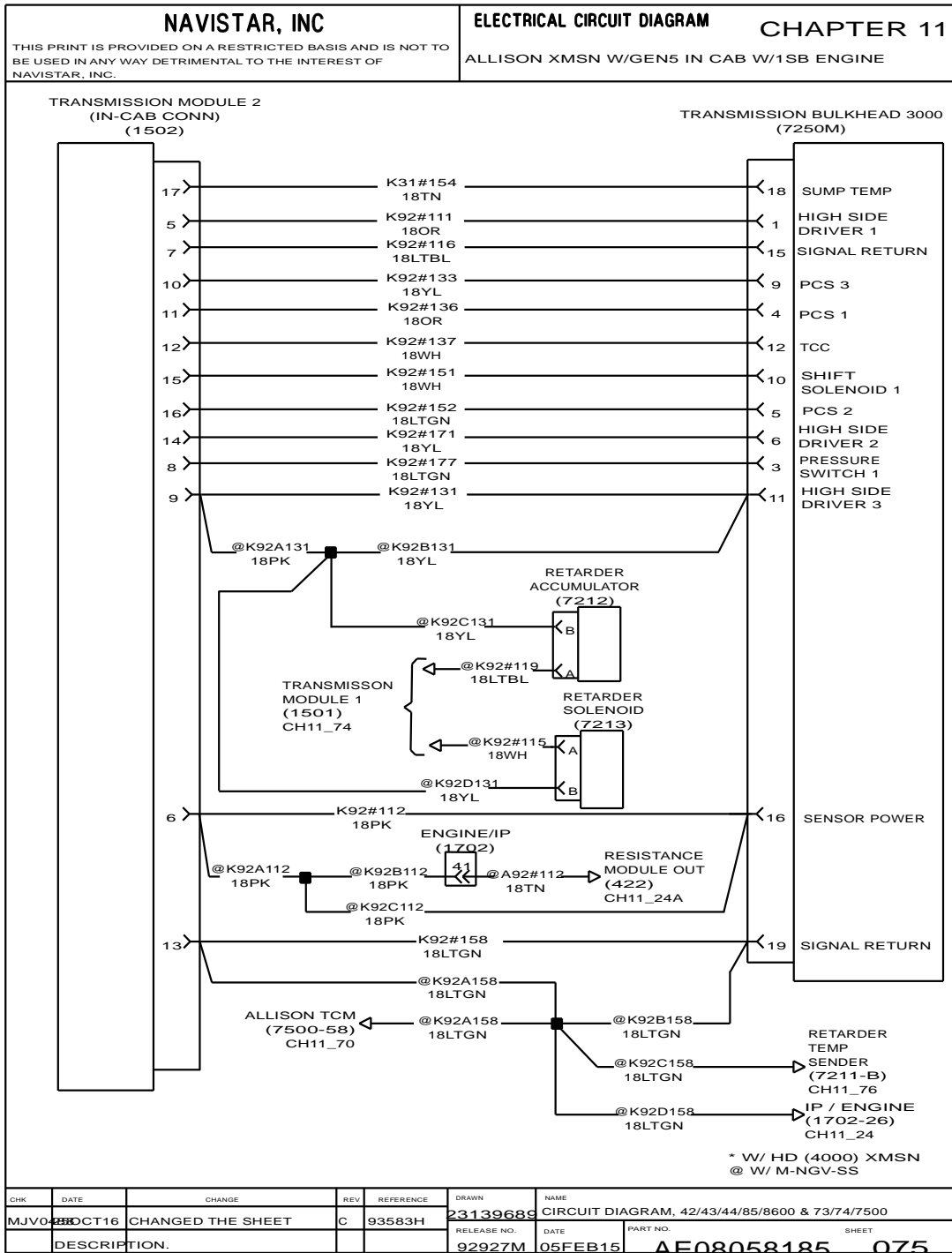


Figure 616 Allison Transmission with GEN5 in Cab with ISB Engine (Cont.)

11.87. ALLISON TRANSMISSION WITH GEN5 IN CAB WITH ISB ENGINE (CONT.), P. 75A

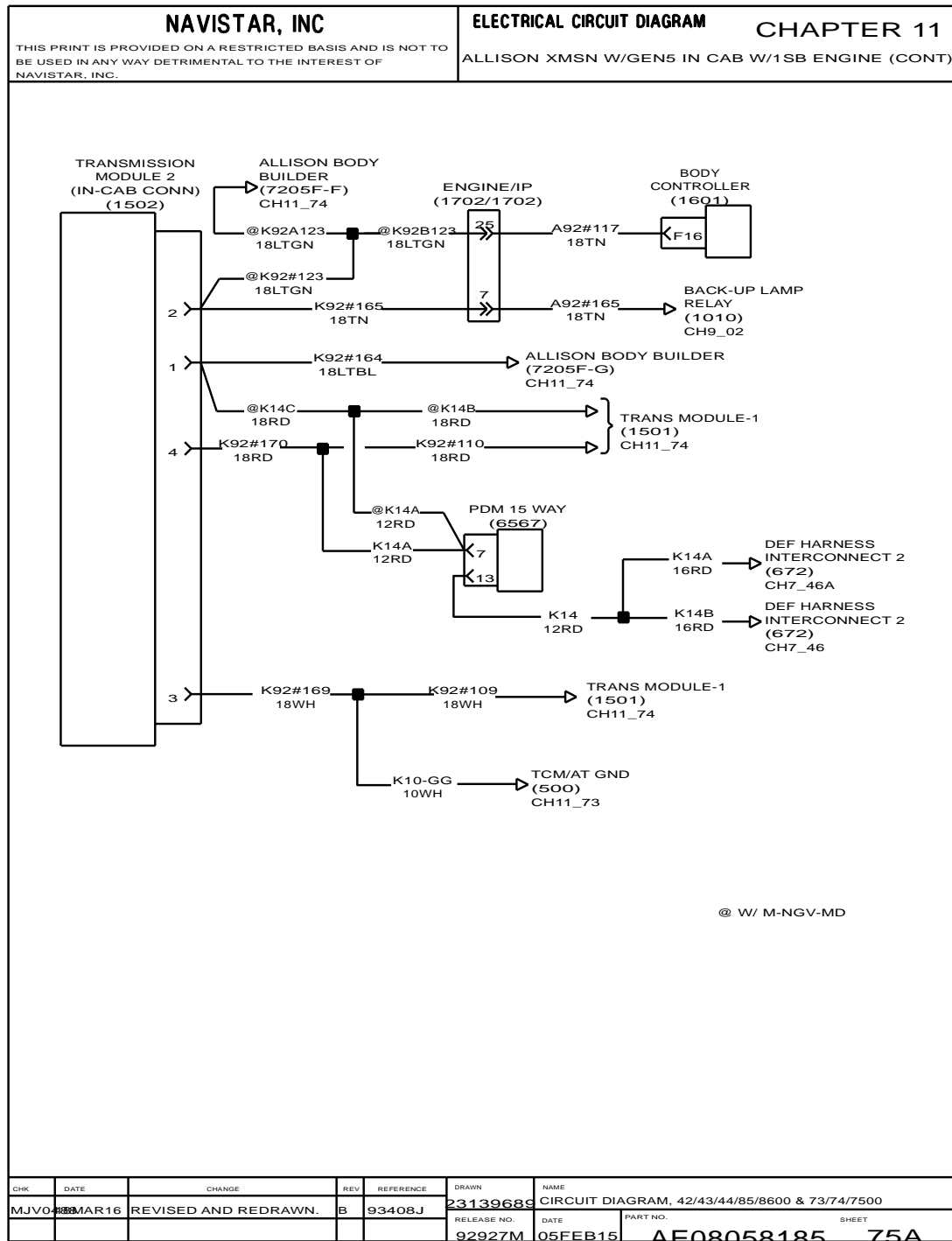


Figure 617 Allison Transmission with GEN5 in Cab with ISB Engine (Cont.)

11.88. ALLISON TRANSMISSION WITH GEN5 WITH CUMMINS ISB ENGINE WITH M-NGV-MD, P. 75B

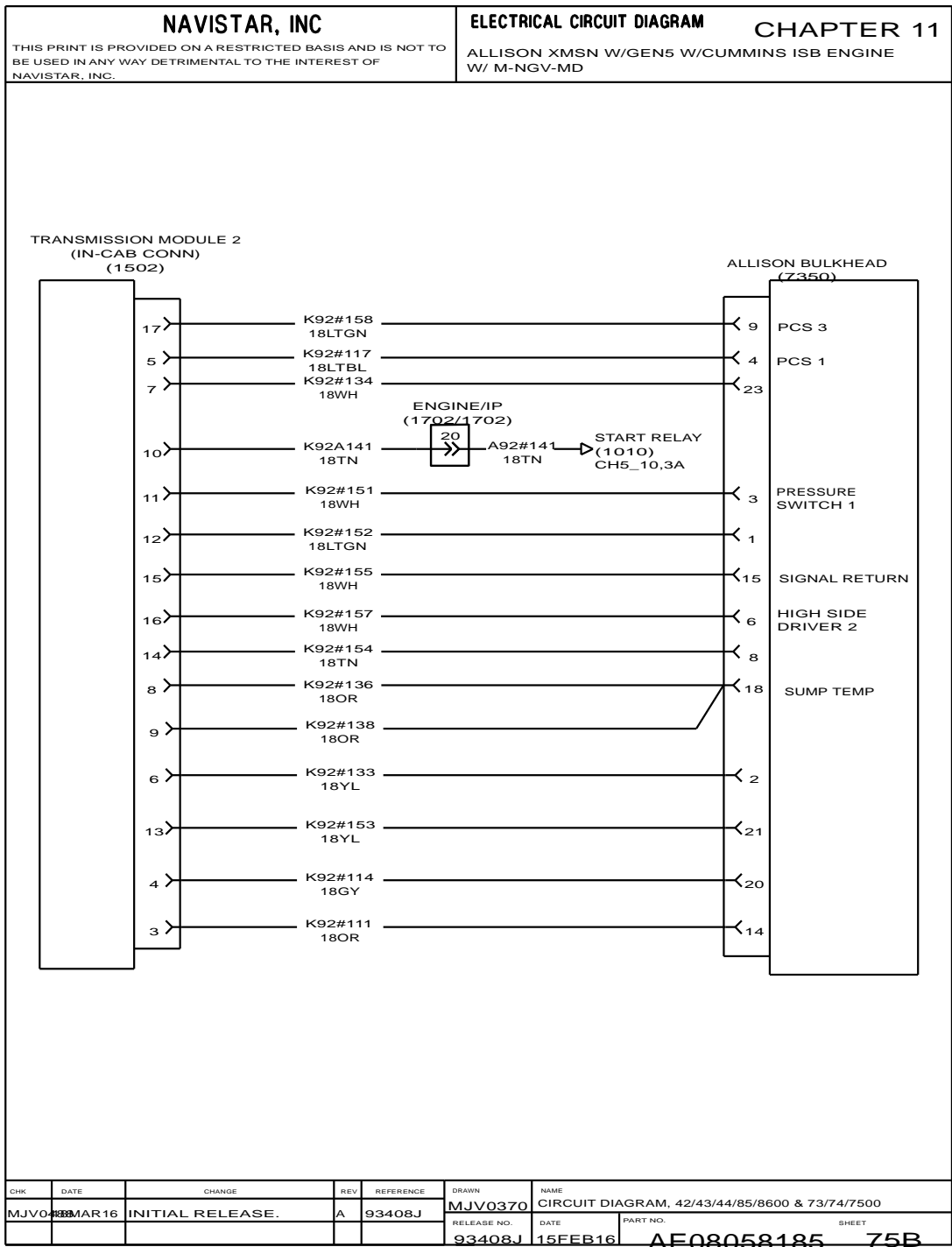


Figure 618 Allison Transmission with Cummins ISB Engine with M-NGV-MD

11.89. ALLISON TRANSMISSION WITH GEN5 IN CAB WITH ISB ENGINE, P. 76

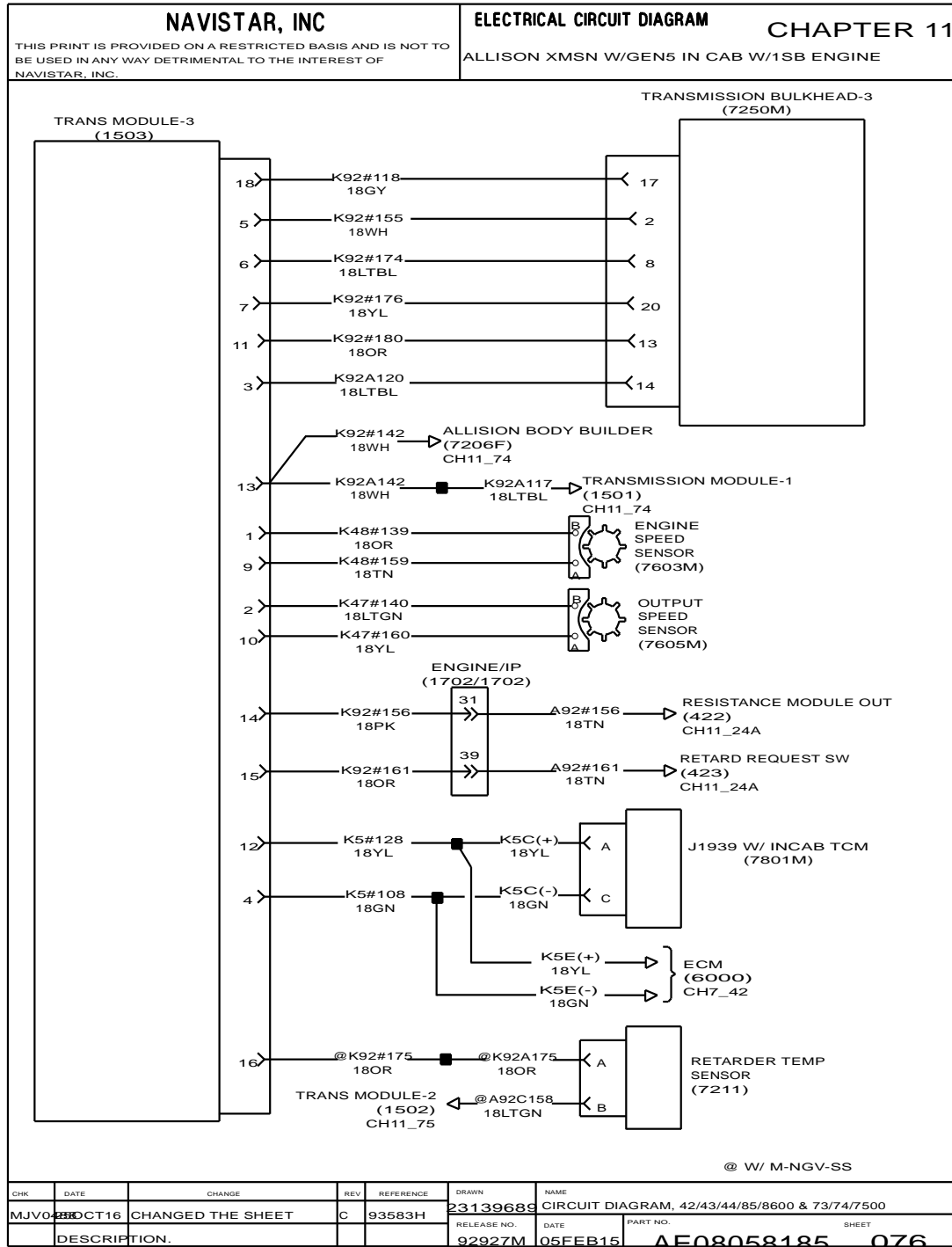


Figure 619 Allison Transmission with GEN5 in Cab with ISB Engine

11.90. ALLISON TRANSMISSION WITH GEN5 WITH CUMMINS ISB ENGINE WITH M-NGV-MD, P. 76A

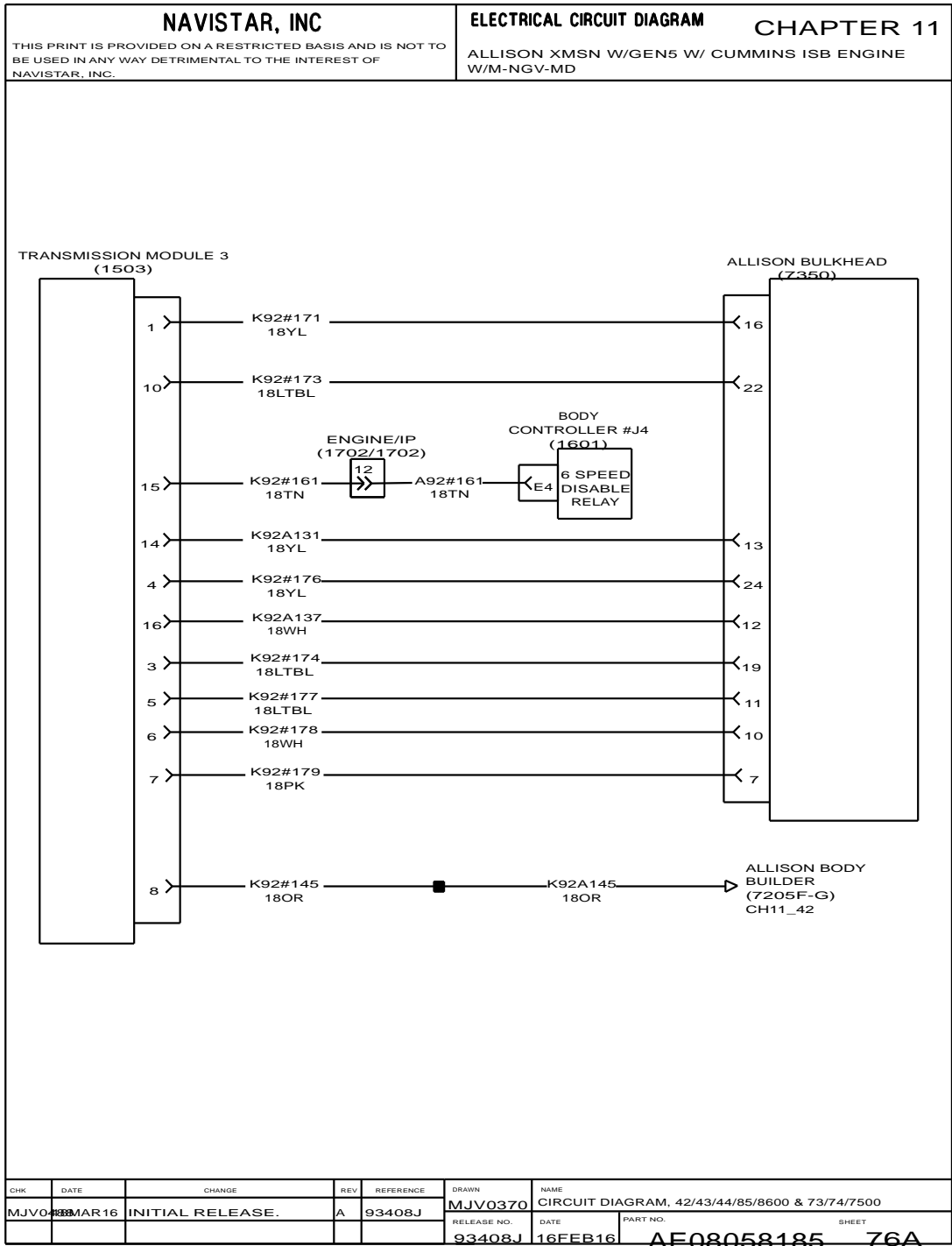


Figure 620 Allison Transmission with Cummins ISB Engine with M-NGV-MD

11.91. ULTRASHIFT TRANSMISSION WITH ISB ENGINE, P. 77

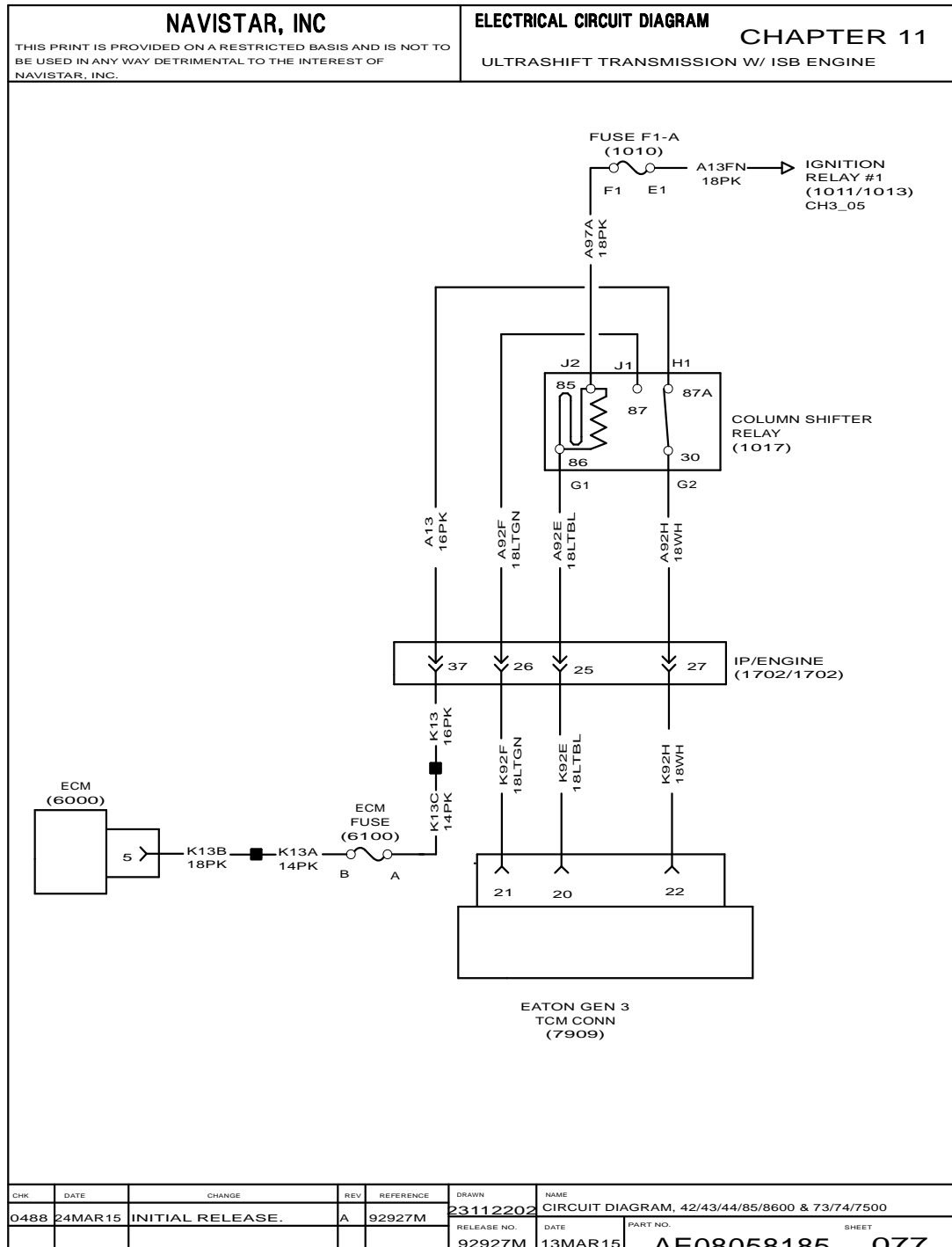


Figure 621 Ultrashift Transmission with ISB Engine

11.92. J1939 250K / 500K EATON PROCISSION TRANSMISSION, P. 78

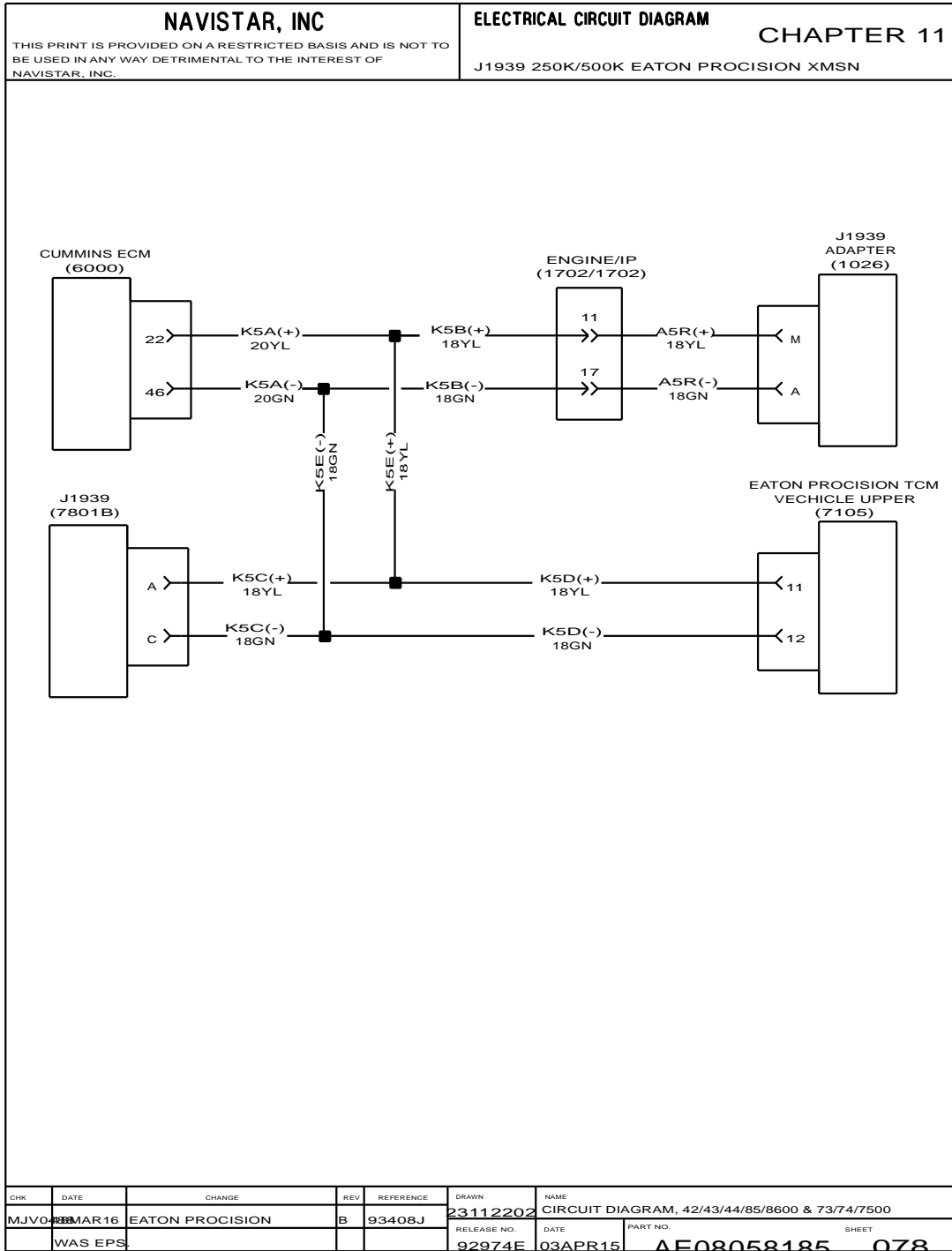


Figure 622 J1939 250K / 500K Eaton ProciSSION Transmission

11.93. EATON PROCISSION TRANSMISSION WITH PUSH BUTTON, WITH T-HANDLE WITH ISB ENGINE, P. 79

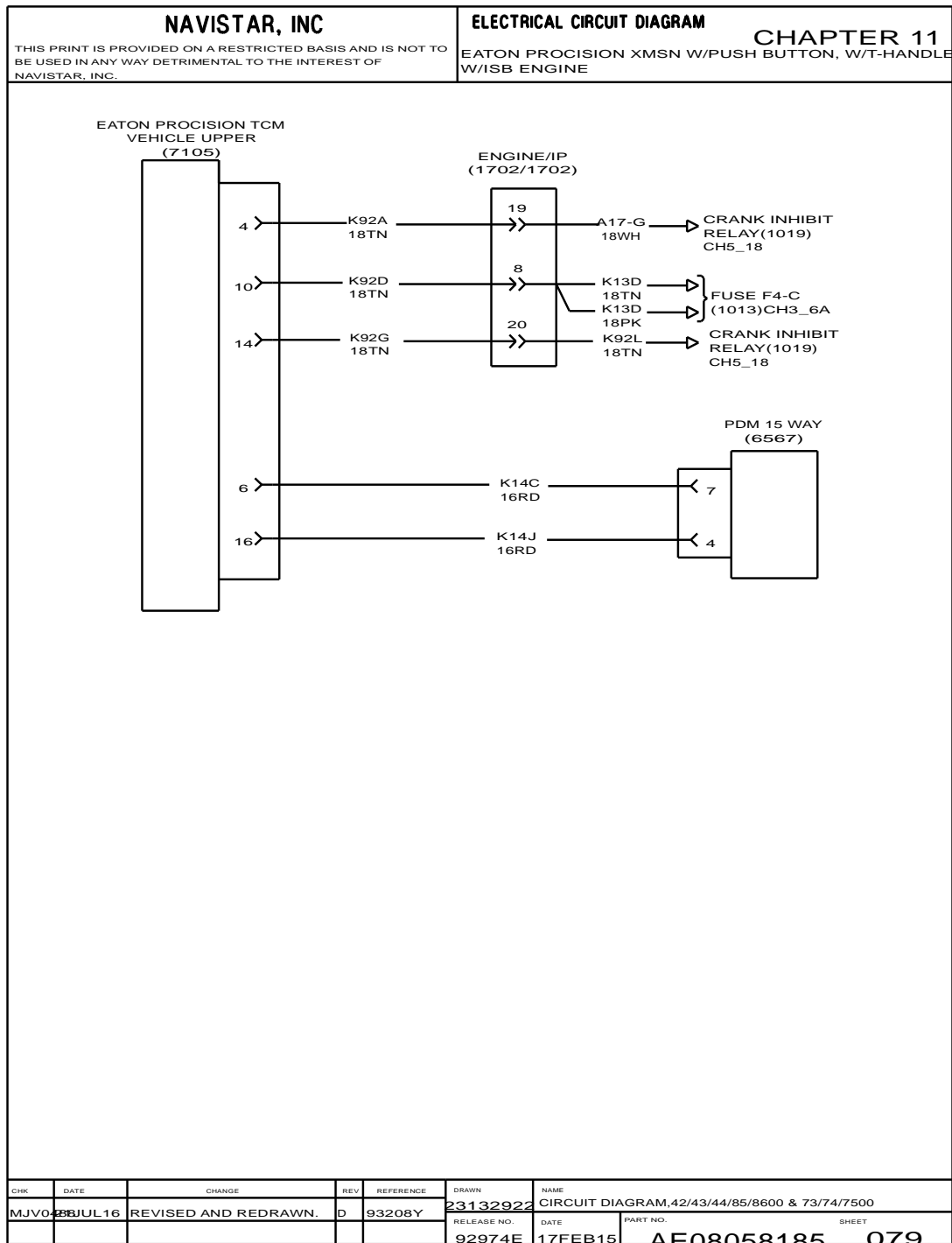


Figure 623 Eaton ProciSSION Transmission with Push Button, with T-Handle with ISB Engine

11.94. EATON PROCISION TRANSMISSION WITH PUSH BUTTON, WITH T-HANDLE WITH ISB ENGINE (CONT.), P. 80

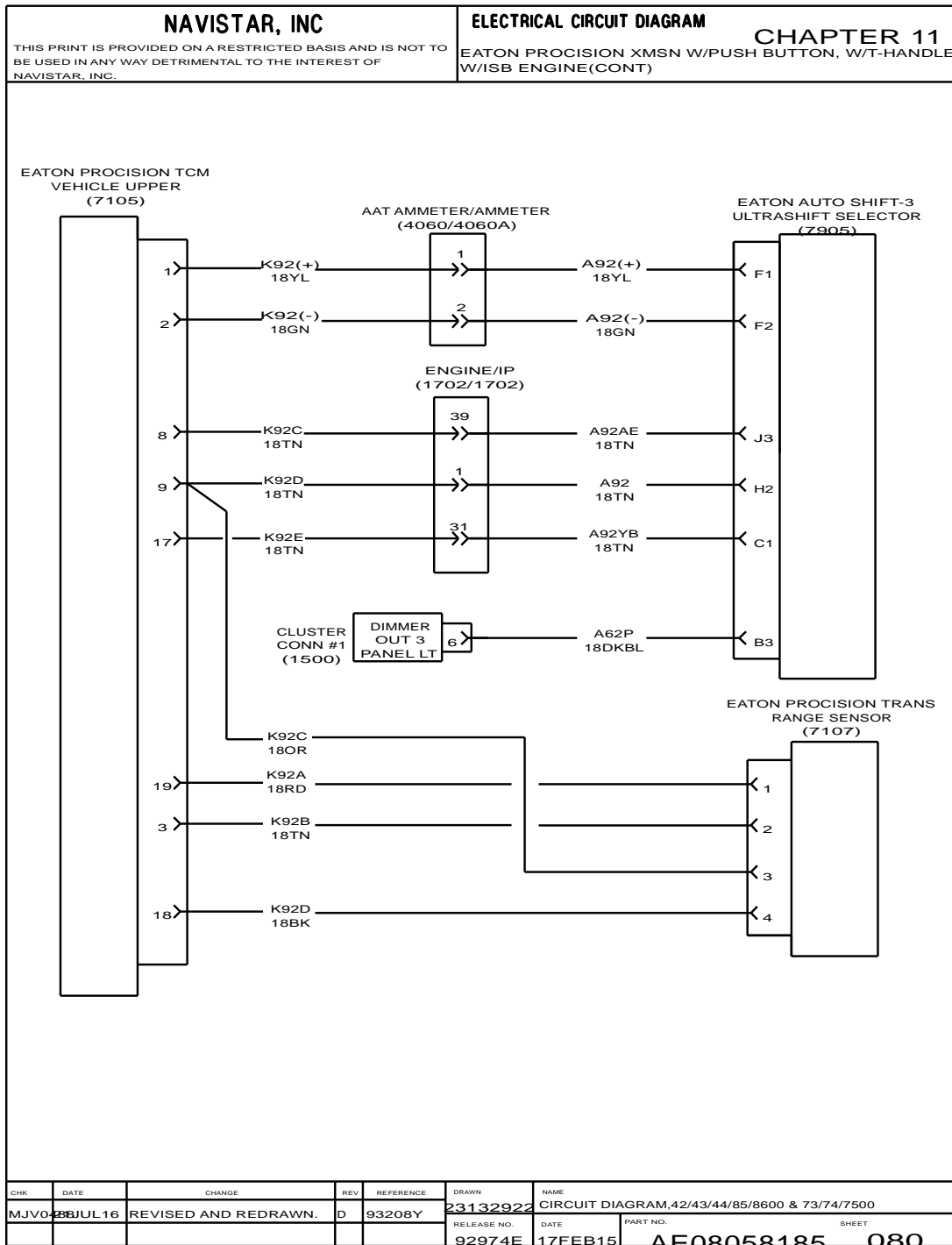


Figure 624 Eaton Procision Transmission with Push Button, with T-Handle with ISB Engine (Cont.)

11.95. EATON PROCISION TRANSMISSION WITH PUSH BUTTON, WITH T-HANDLE WITH ISB ENGINE (CONT.), P. 81

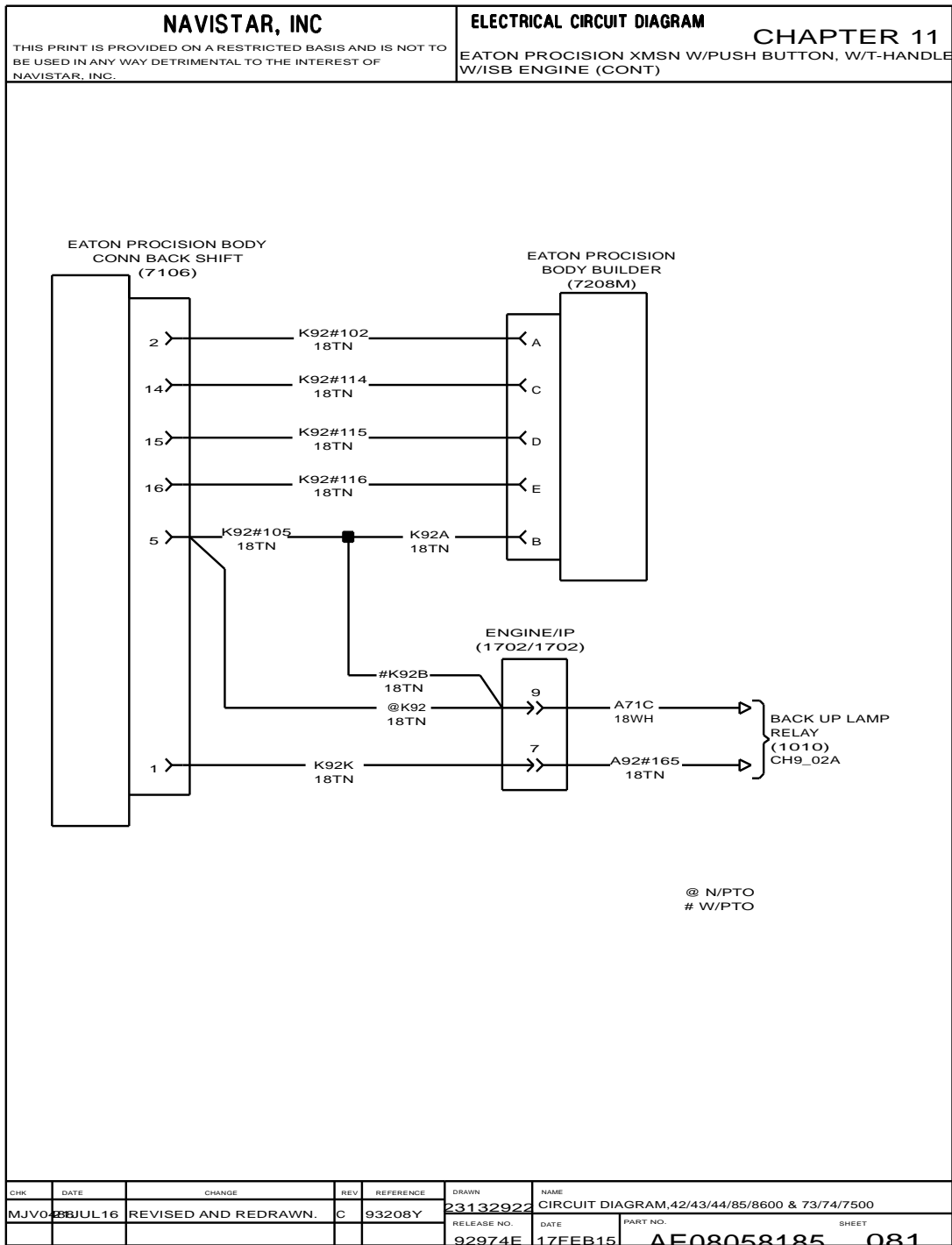


Figure 625 Eaton Procision Transmission with Push Button, with T-Handle with ISB Engine (Cont.)

11.96. TRANSMISSION CONTROL MODULE, P. 82

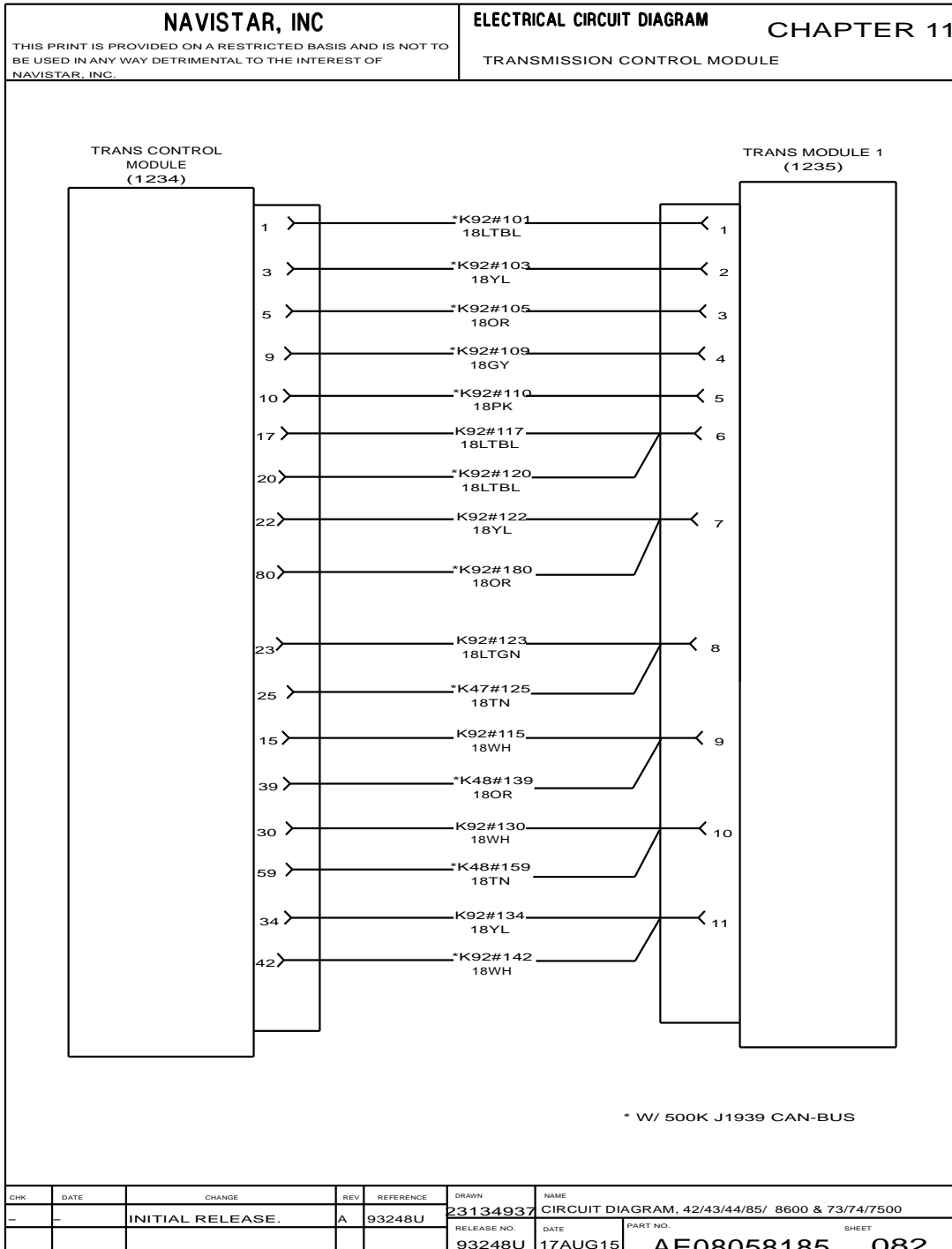


Figure 626 Transmission Control Module

11.97. TRANSMISSION CONTROL MODULE (CONT.), P. 83

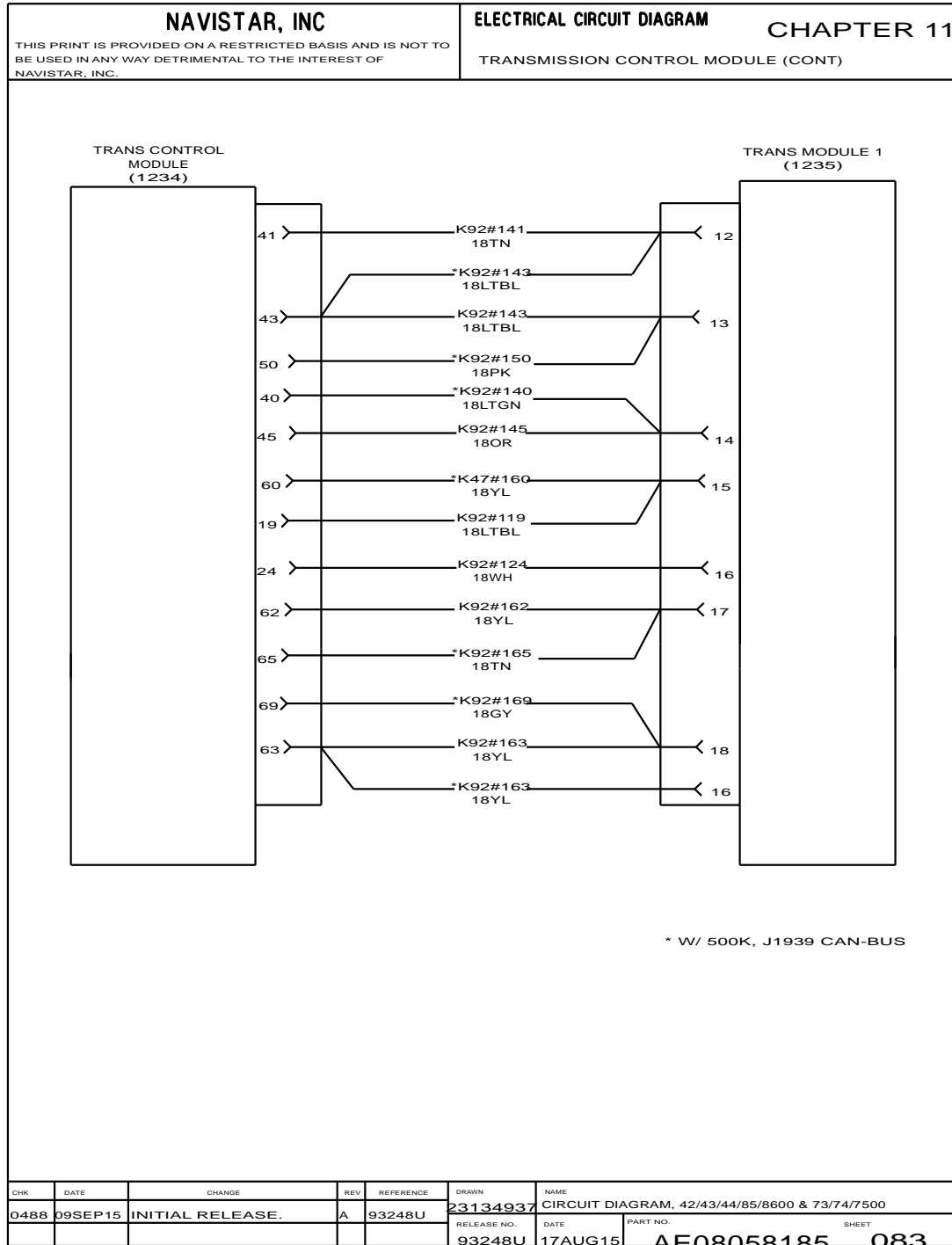


Figure 627 Transmission Control Module (Cont.)

11.98. TRANSMISSION CONTROL MODULE (CONT.), P. 84

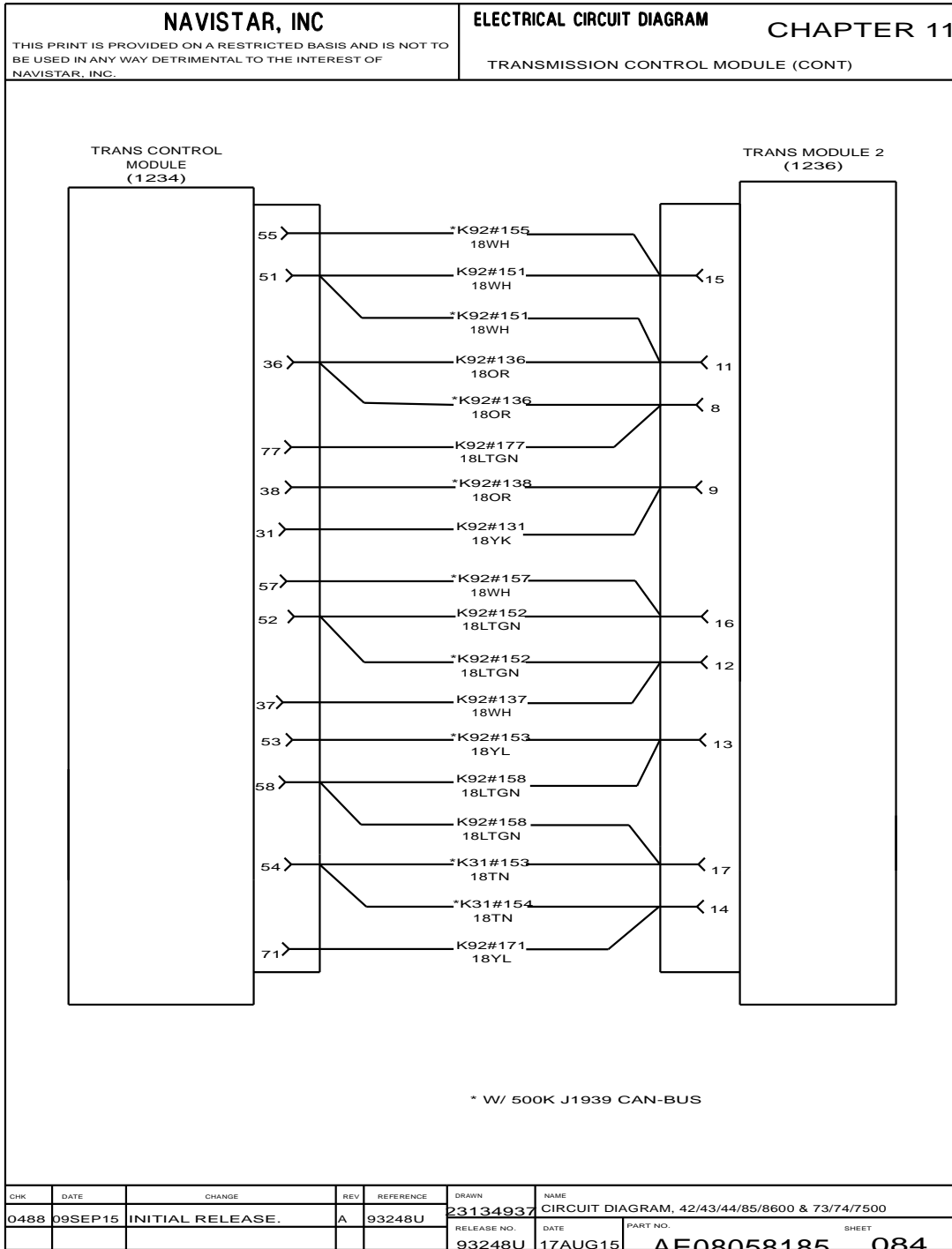


Figure 628 Transmission Control Module (Cont.)

11.99. TRANSMISSION CONTROL MODULE (CONT.), P. 85

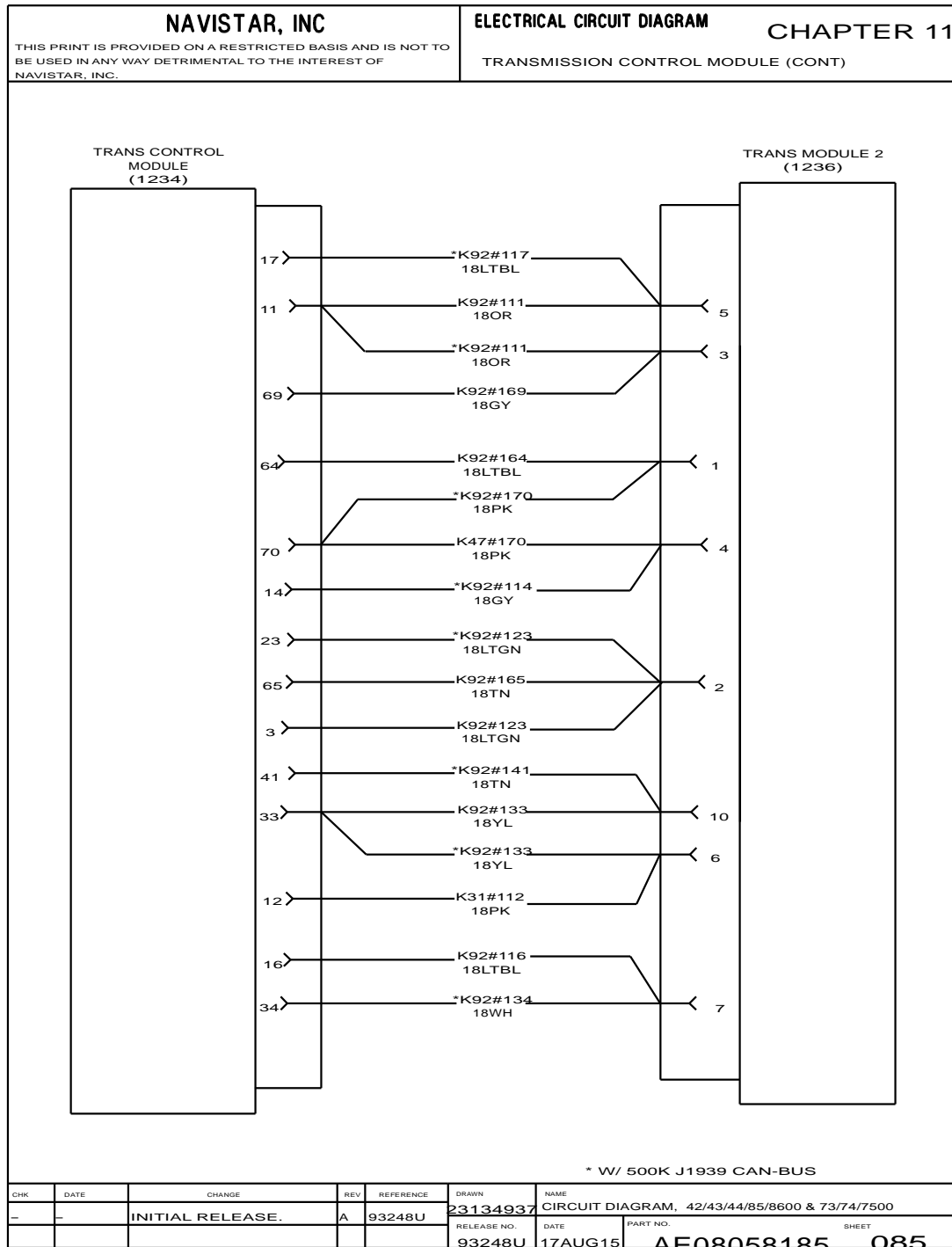


Figure 629 Transmission Control Module (Cont.)

11.100. TRANSMISSION CONTROL MODULE (CONT.), P. 86

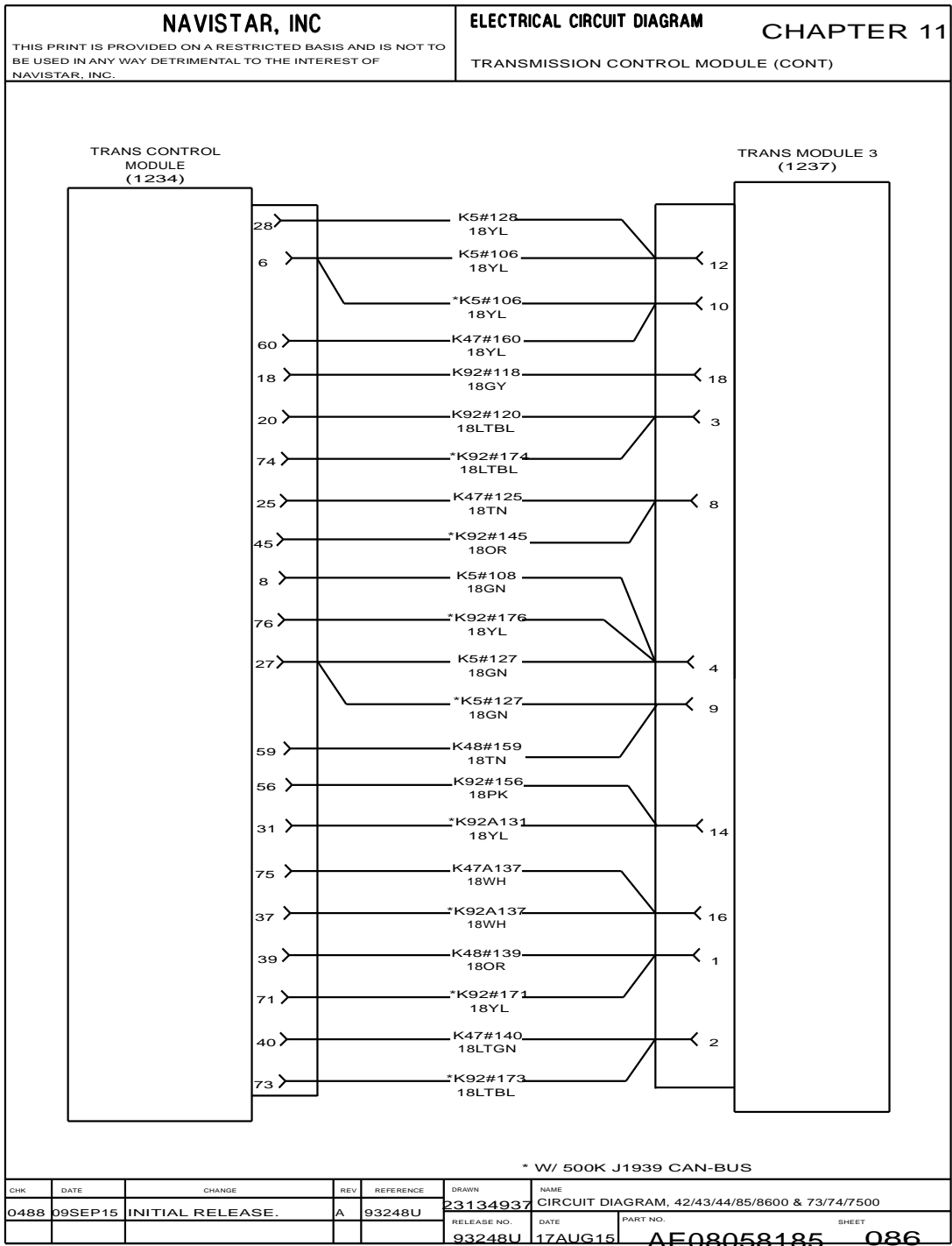


Figure 630 Transmission Control Module (Cont.)

11.101. TRANSMISSION CONTROL MODULE (CONT.), P. 87

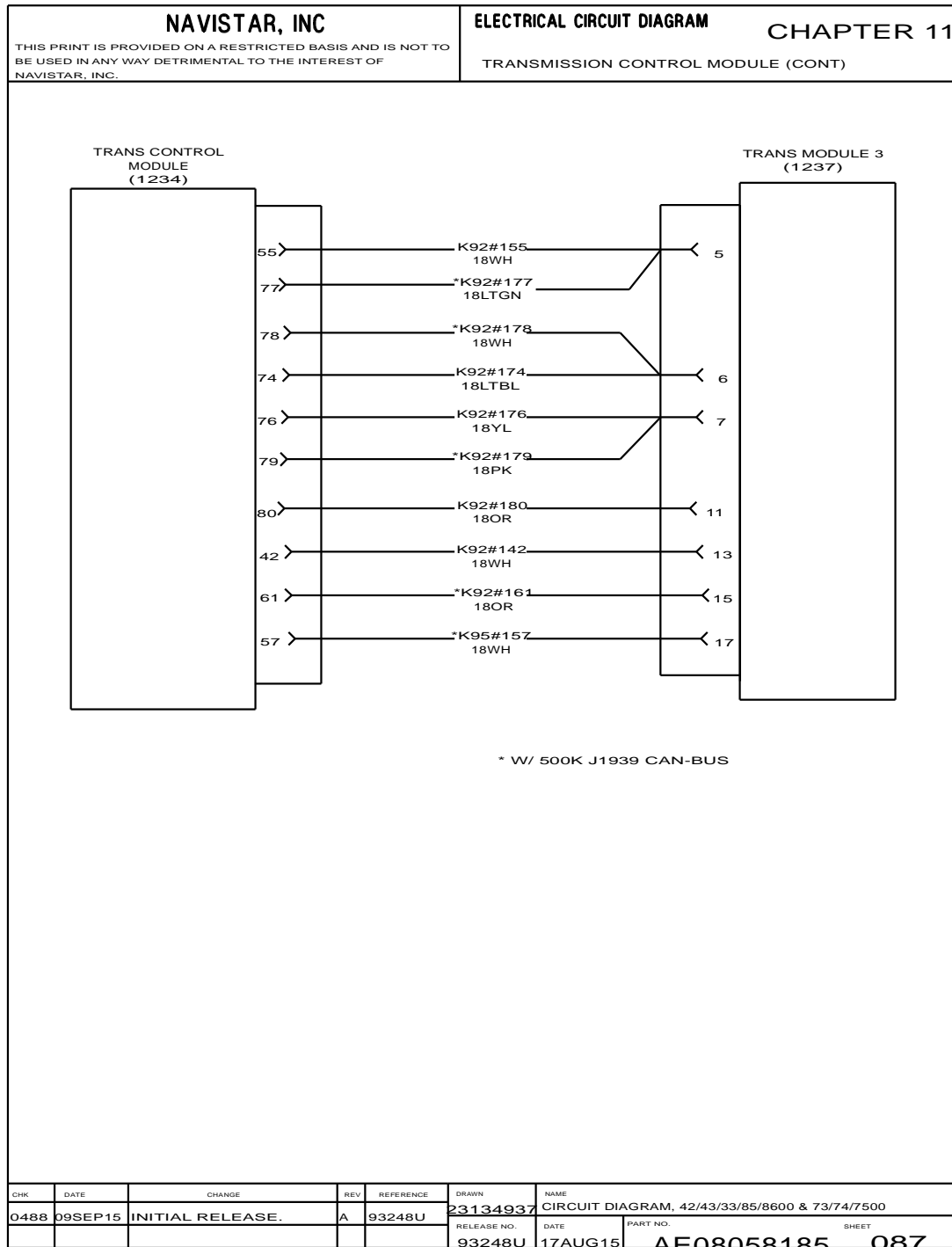


Figure 631 Transmission Control Module (Cont.)

11.102. ALLISON TRANSMISSION WITH F-2013 ISL ENGINE, P. 88

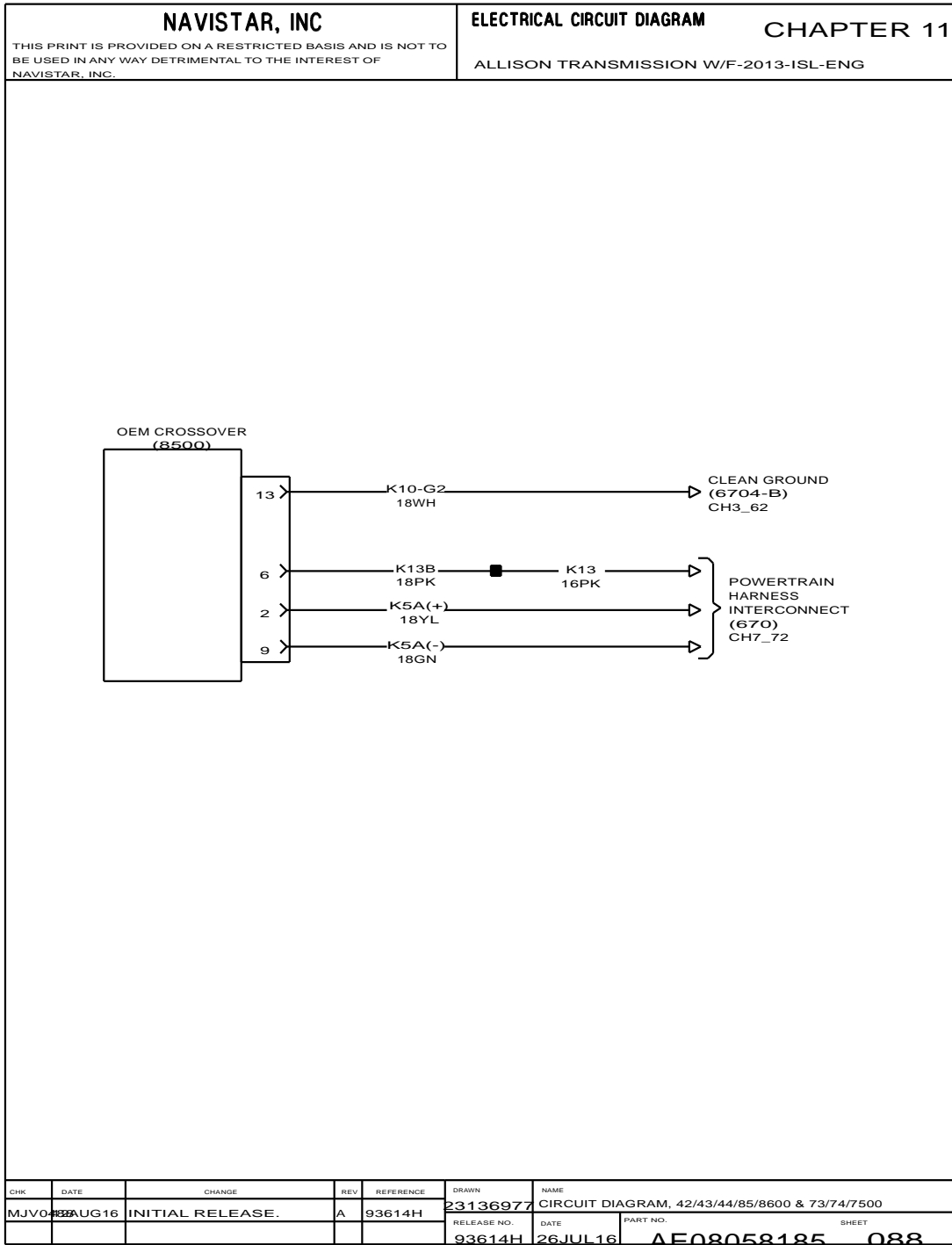


Figure 632 Allison Transmission with F-2013 ISL Engine

11.103. ALLISON TRANSMISSION WITH F-2013 ISL ENGINE (CONT.), P. 89

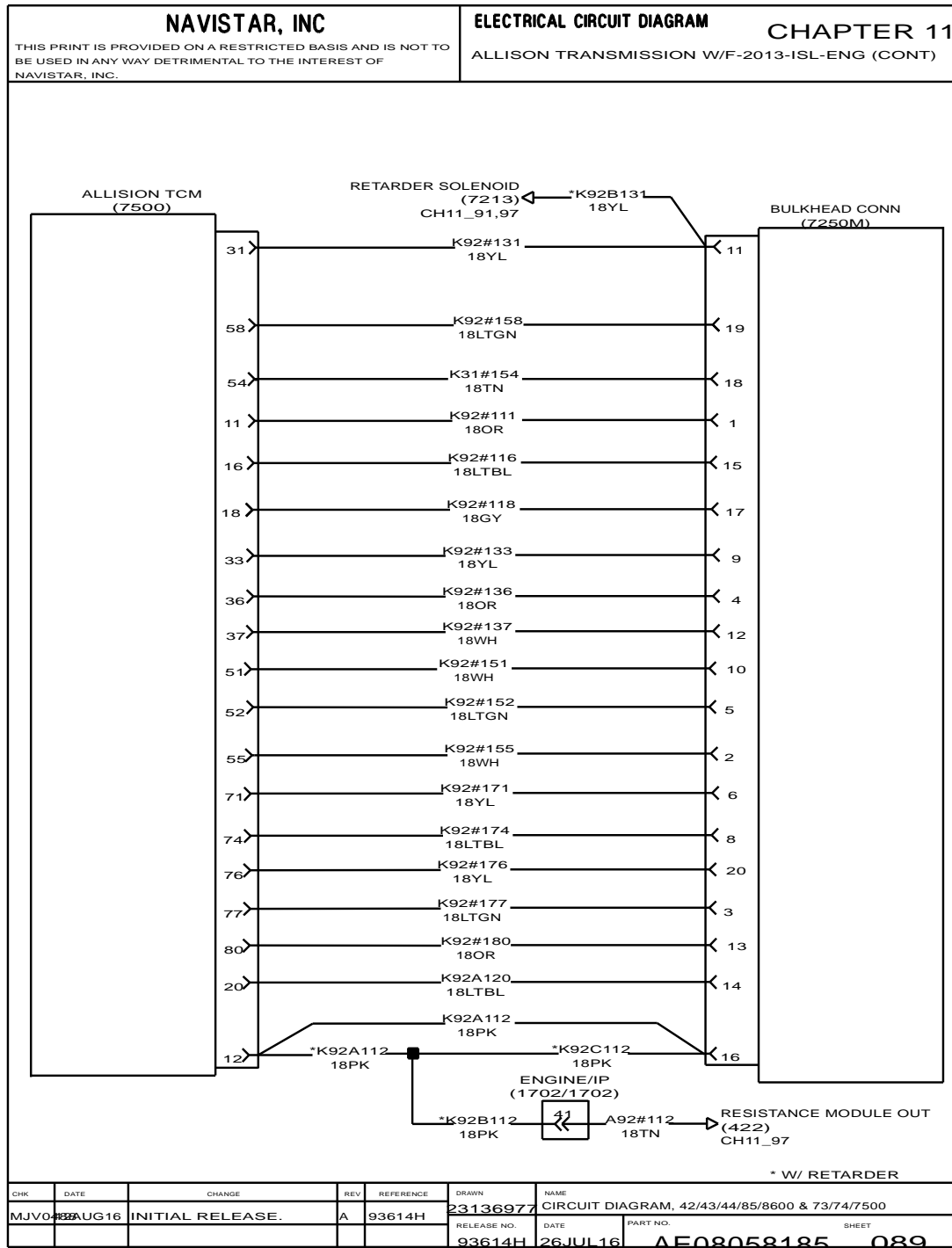


Figure 633 Allison Transmission with F-2013 ISL Engine (Cont.)

11.104. ALLISON TRANSMISSION WITH F-2013 ISL ENGINE (CONT.), P. 90

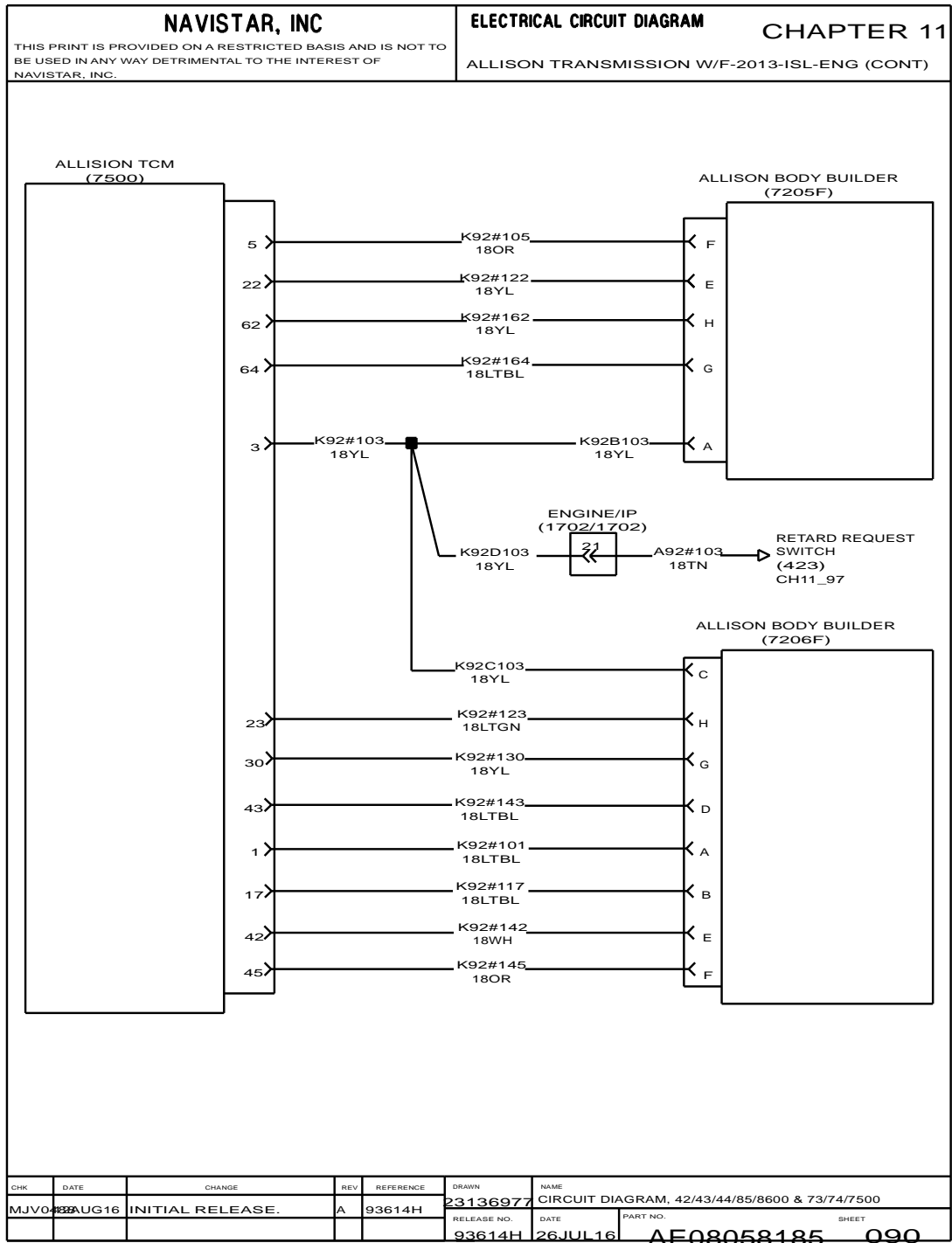


Figure 634 Allison Transmission with F-2013 ISL Engine (Cont.)

11.105. ALLISON TRANSMISSION WITH F-2013 ISL ENGINE (CONT.), P. 91

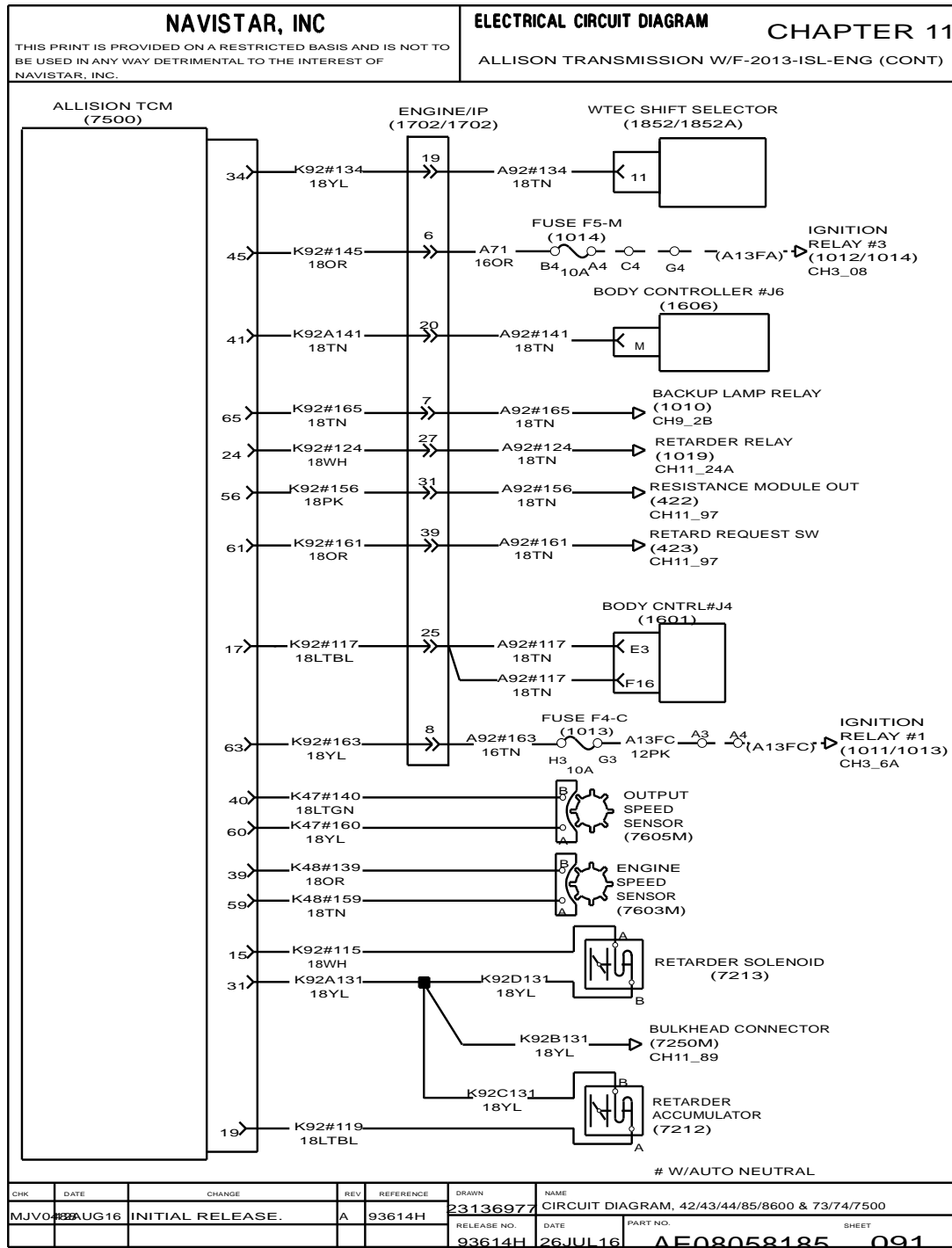


Figure 635 Allison Transmission with F-2013 ISL Engine (Cont.)

11.106. ALLISON TRANSMISSION WITH F-2013 ISL ENGINE (CONT.), P. 92

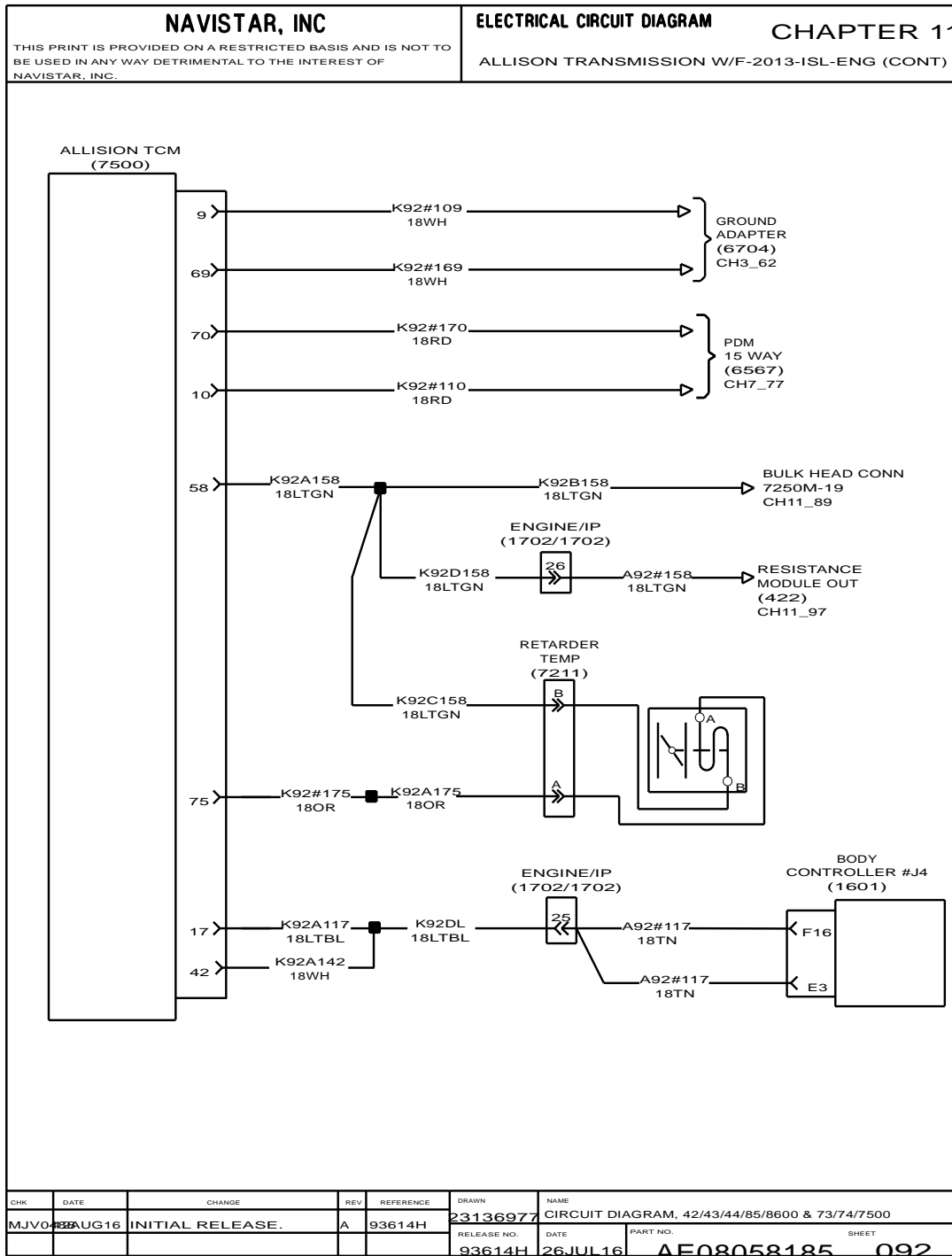


Figure 636 Allison Transmission with F-2013 ISL Engine (Cont.)

11.107. ALLISON TRANSMISSION WITH F-2013 ISL ENGINE (CONT.), P. 93

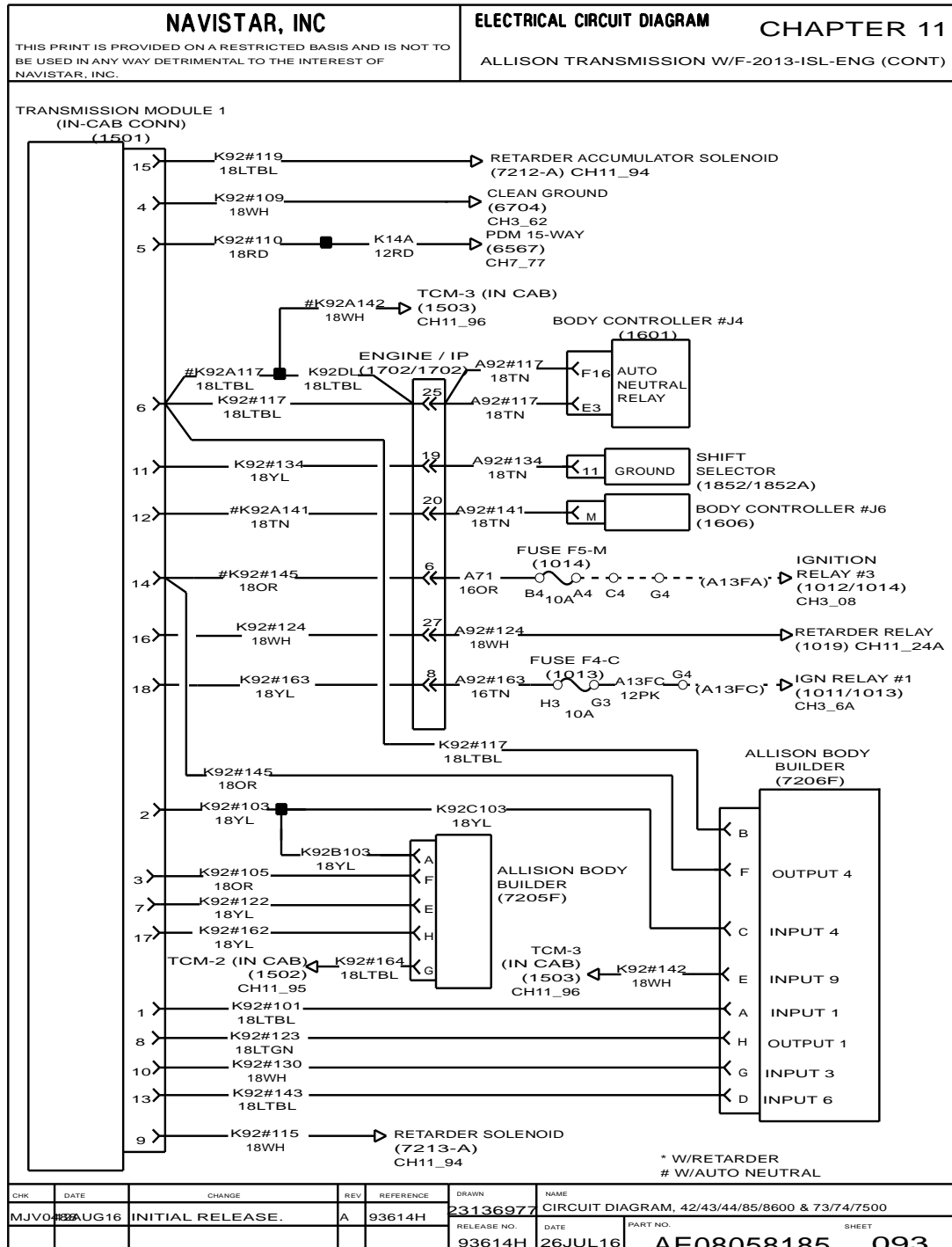


Figure 637 Allison Transmission with F-2013 ISL Engine (Cont.)

11.108. ALLISON TRANSMISSION WITH F-2013 ISL ENGINE (CONT.), P. 94

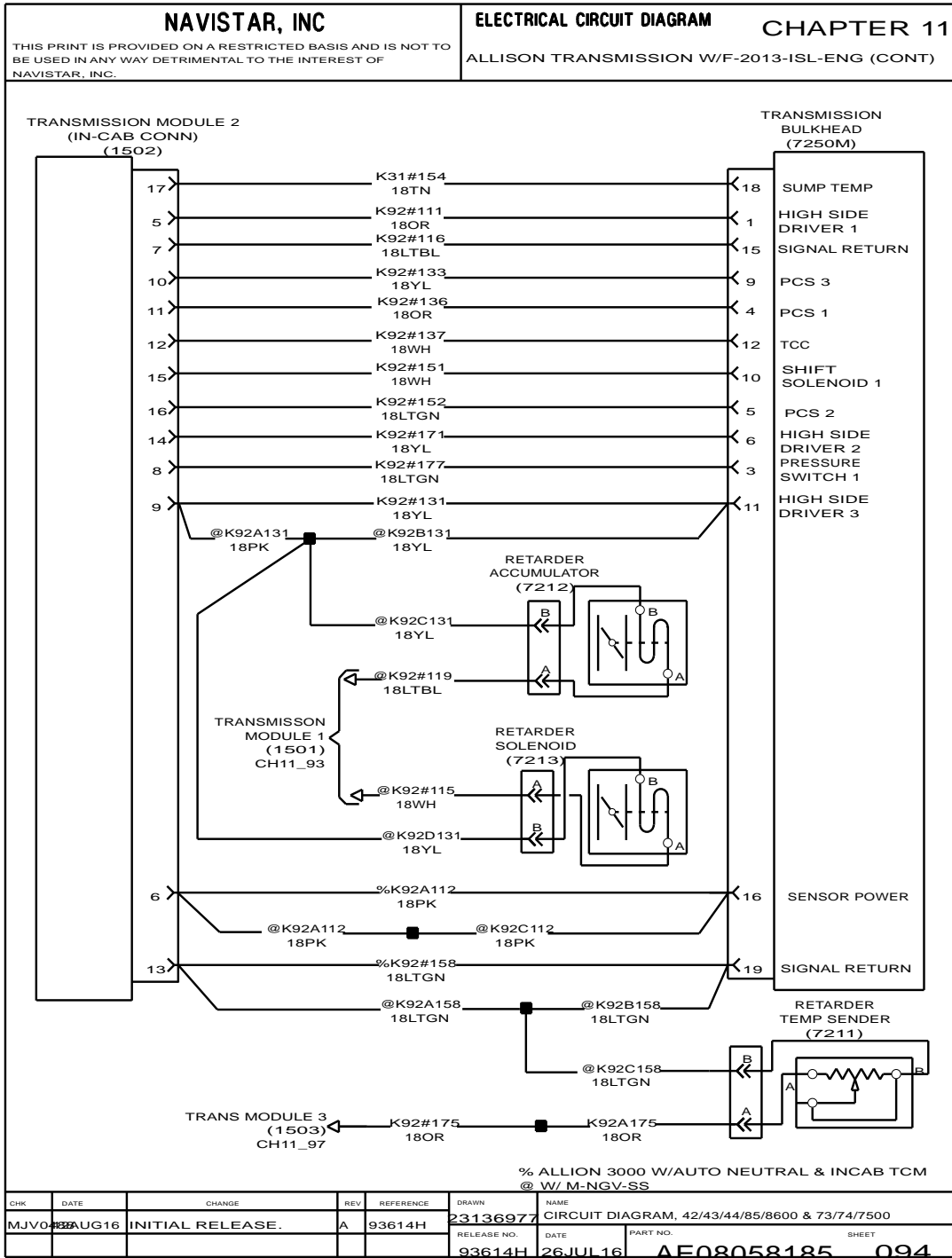


Figure 638 Allison Transmission with F-2013 ISL Engine (Cont.)

11.109. ALLISON TRANSMISSION WITH F-2013 ISL ENGINE (CONT.), P. 95

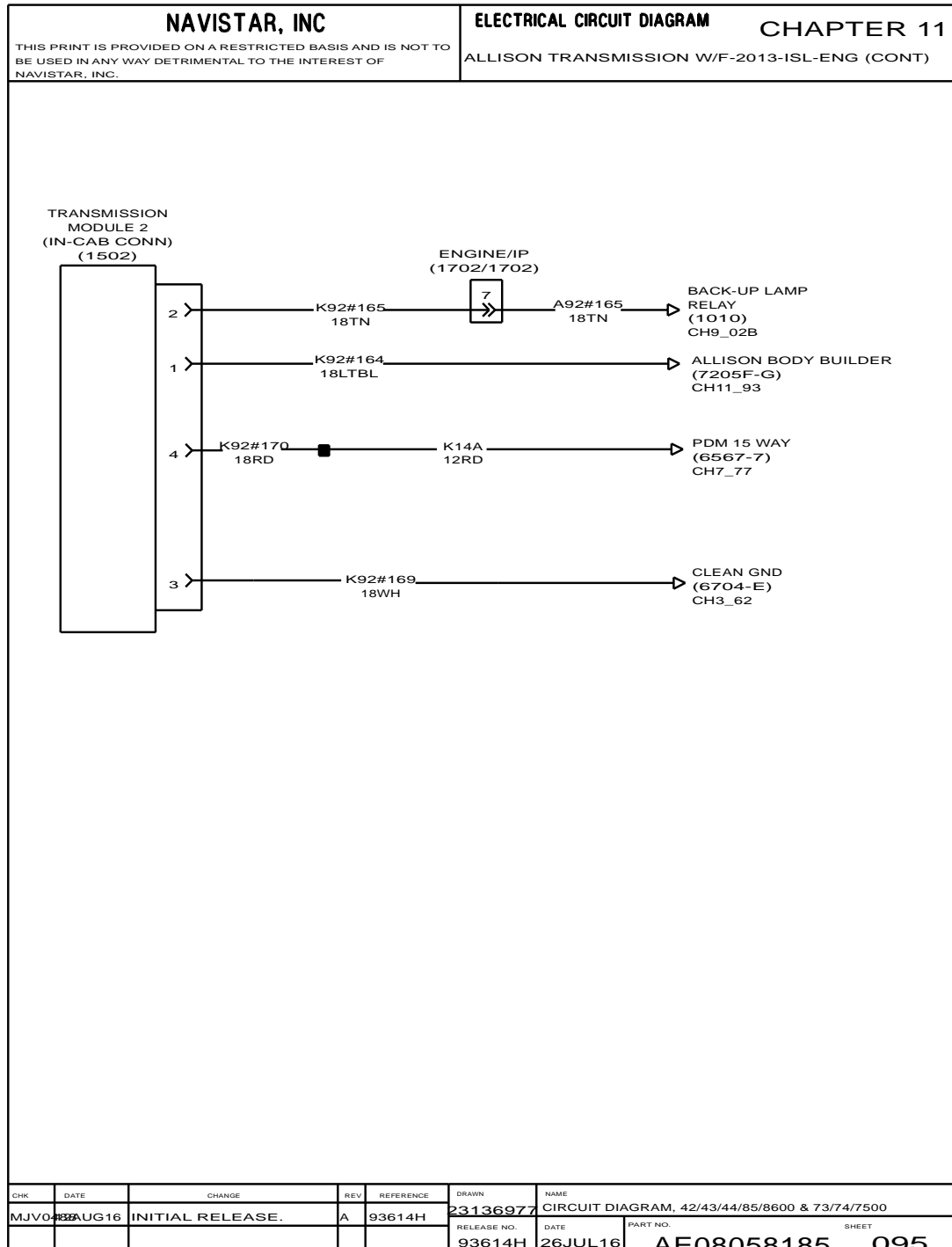


Figure 639 Allison Transmission with F-2013 ISL Engine (Cont.)

11.110. ALLISON TRANSMISSION WITH F-2013 ISL ENGINE (CONT.), P. 96

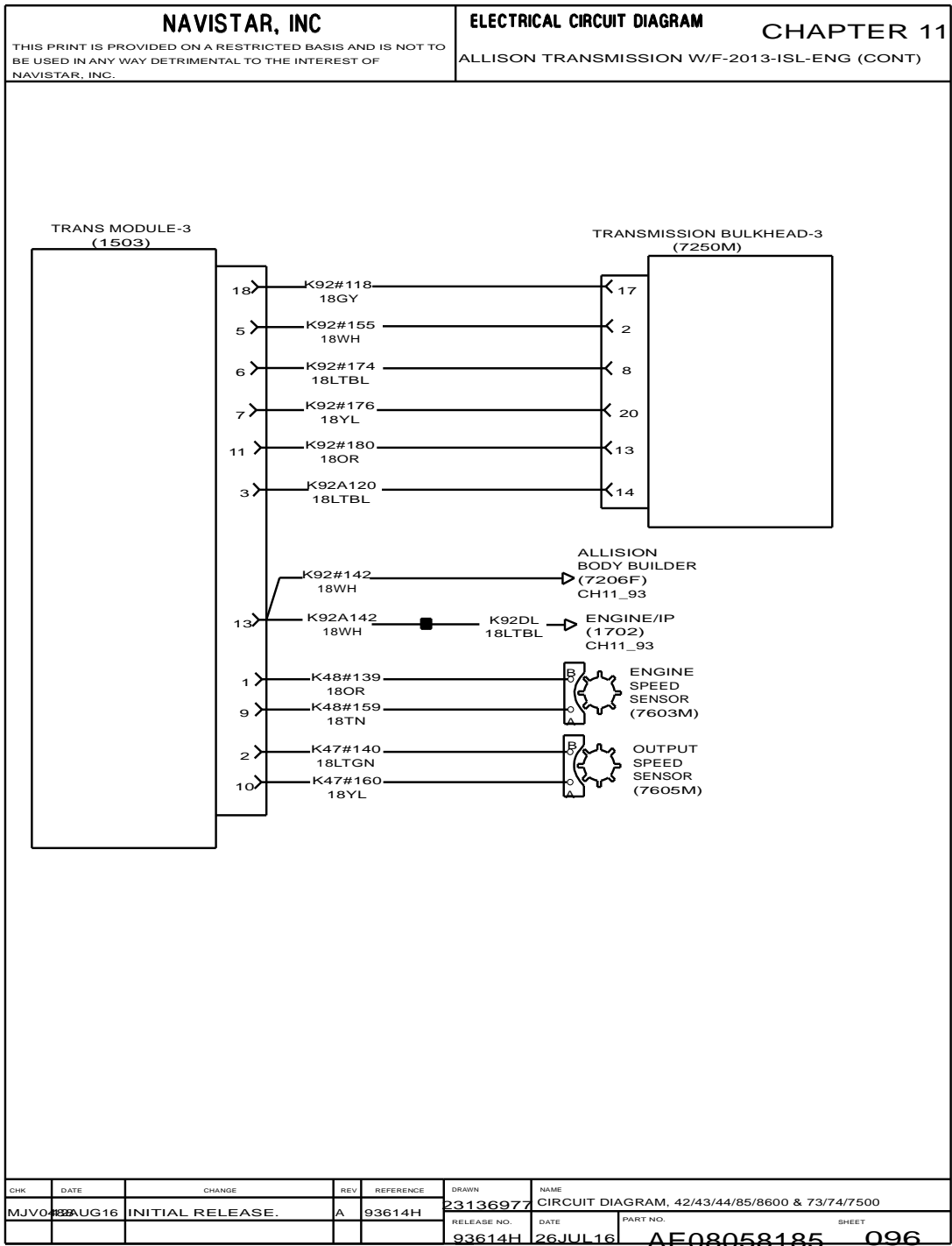


Figure 640 Allison Transmission with F-2013 ISL Engine (Cont.)

11.111. ALLISON TRANSMISSION WITH F-2013 ISL ENGINE (CONT.), P. 97

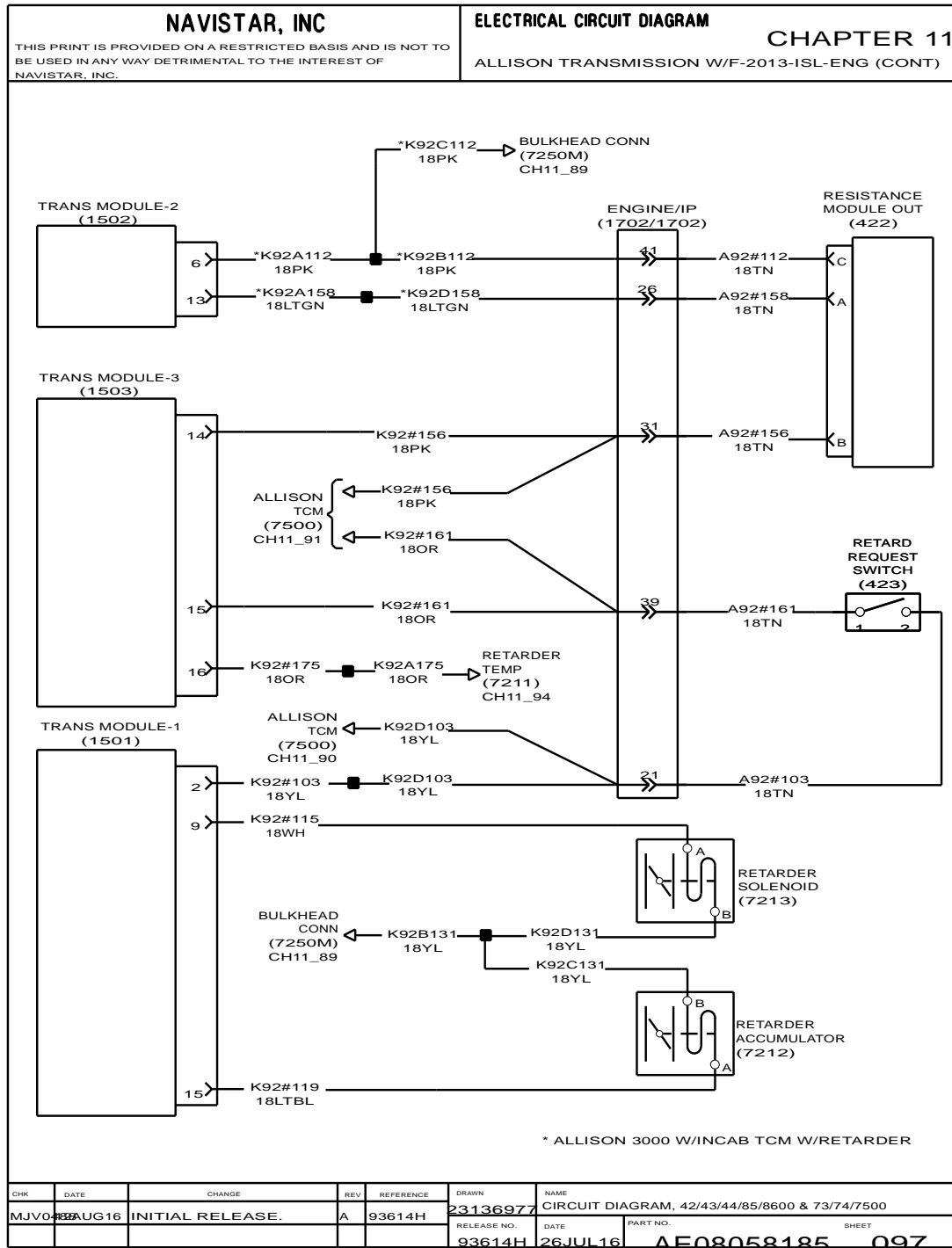


Figure 641 Allison Transmission with F-2013 ISL Engine (Cont.)

11.112. ALLISON 1 / 2000 TRANSMISSION WITH IN-CAB TCM WITH M-NGV-MD WITH F-2017 ISB ENGINE, P. 98

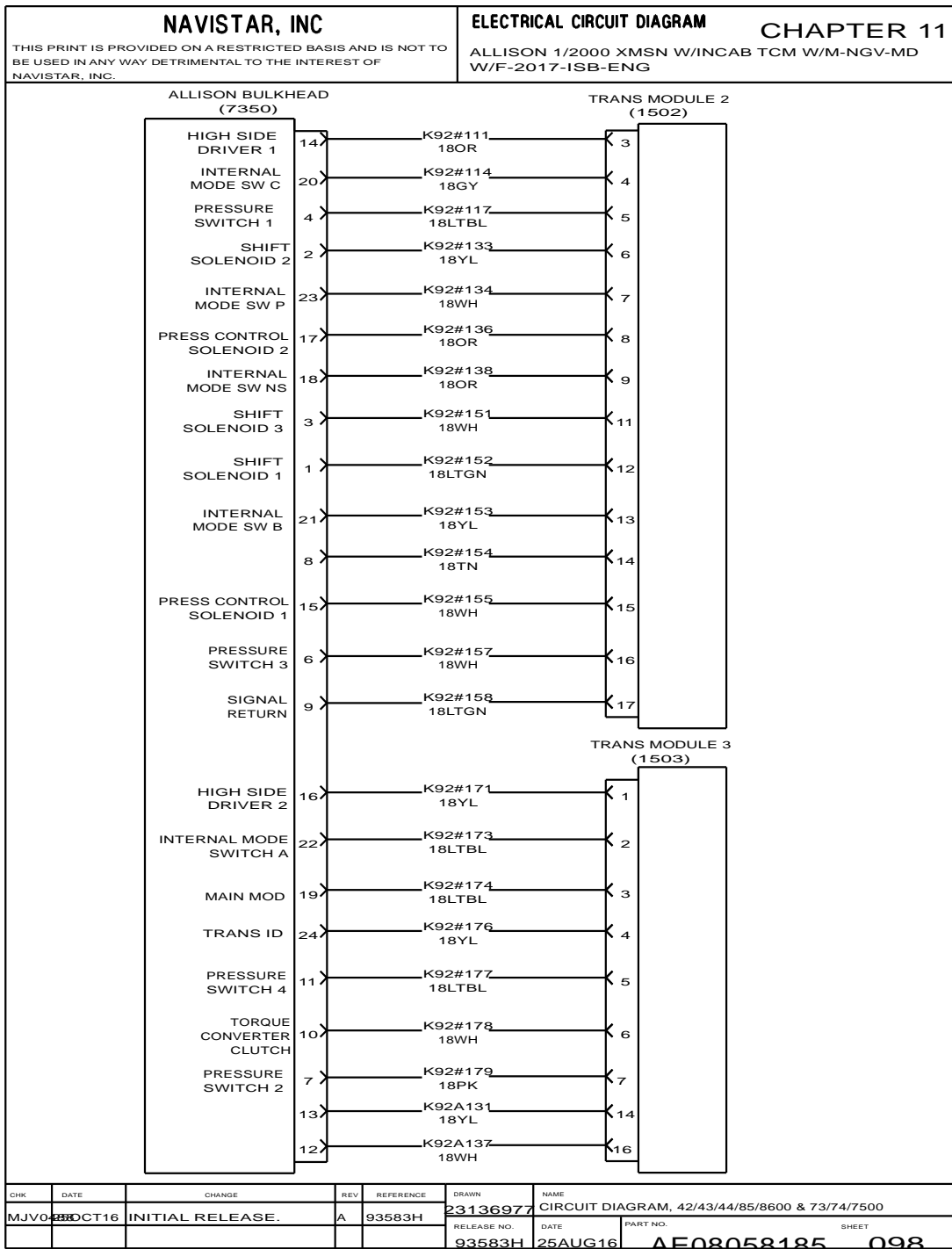


Figure 642 Allison 1 / 2000 Transmission with In-Cab TCM with M-NGV-MD with F-2017 ISB Engine

11.113. ALLISON 1 / 2000 TRANSMISSION WITH IN-CAB TCM WITH F-2017 ISB ENGINE, P. 98A

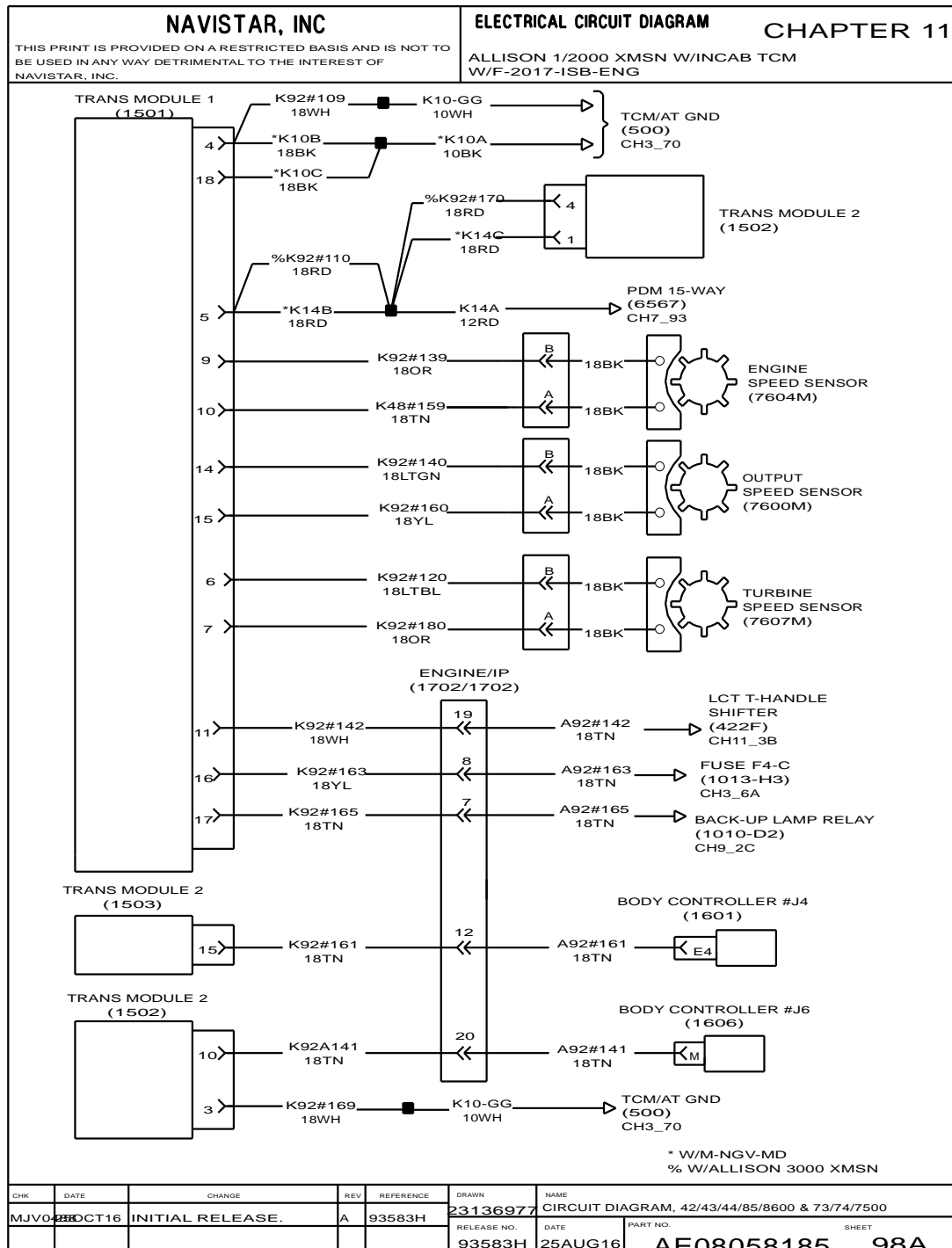


Figure 643 Allison 1 / 2000 Transmission with In-Cab TCM with F-2017 ISB Engine

11.114. ALLISON 1 / 2000 TRANSMISSION WITH IN-CAB TCM WITH F-2017 ISB ENGINE (CONT.), P. 98B

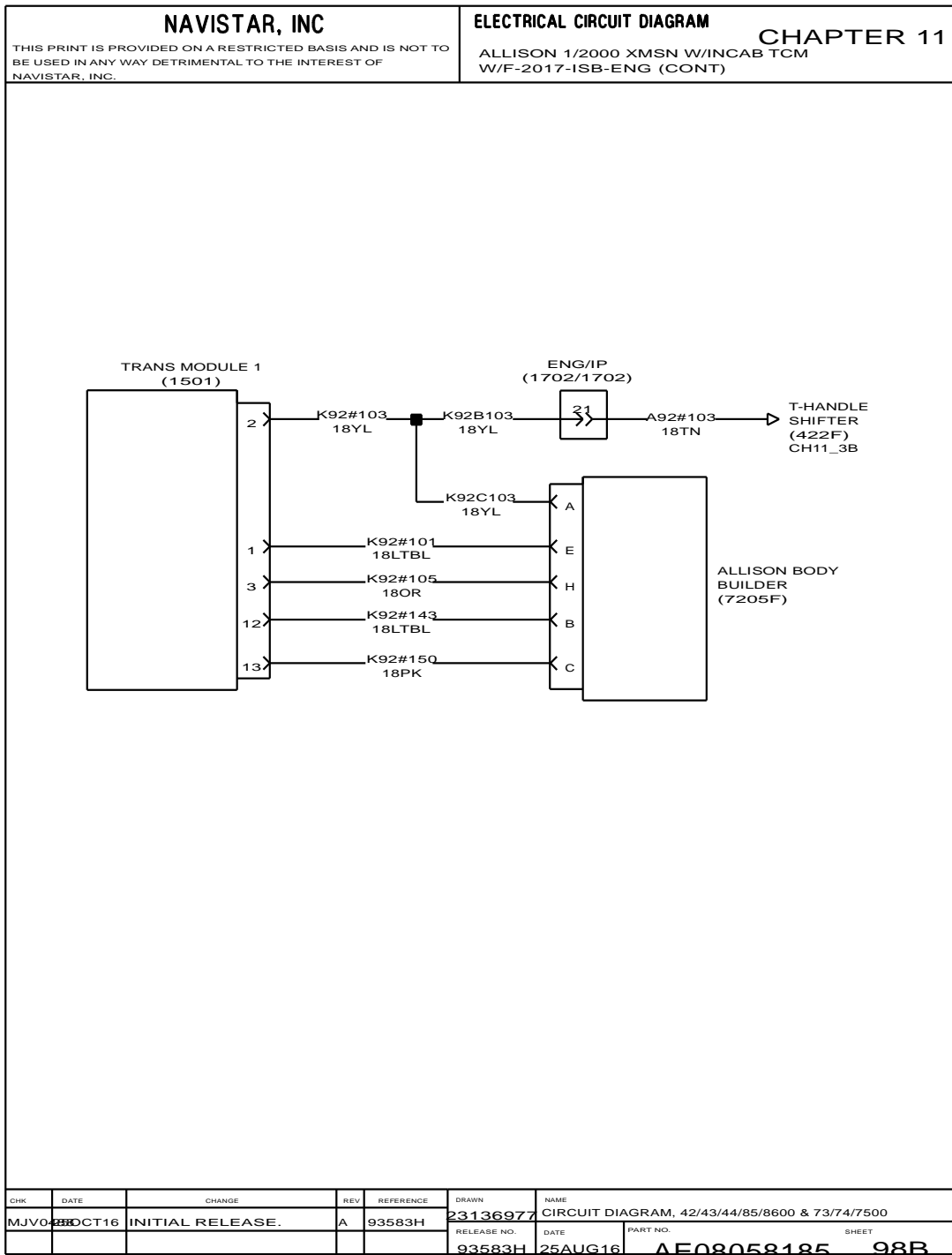


Figure 644 Allison 1 / 2000 Transmission with In-Cab TCM with F-2017 ISB Engine (Cont.)

11.115. ALLISON 1 / 2000 TRANSMISSION WITHOUT IN-CAB TCM WITH F-2017 ISB ENGINE, P. 98C

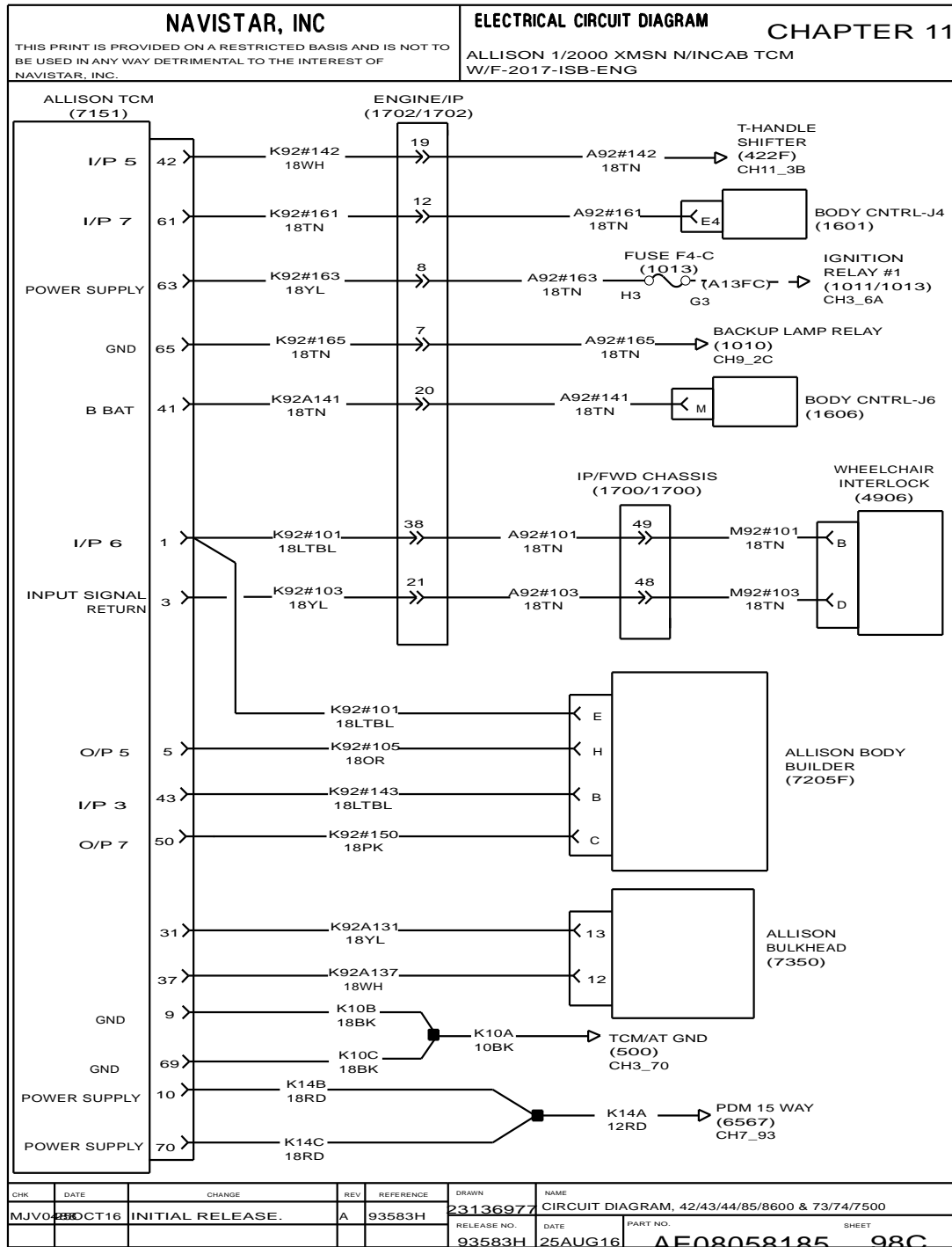


Figure 645 Allison 1 / 2000 Transmission without In-Cab TCM with F-2017 ISB Engine

11.116. ALLISON 1 / 2000 TRANSMISSION WITHOUT IN-CAB TCM WITH F-2017 ISB ENGINE (CONT.), P. 98D

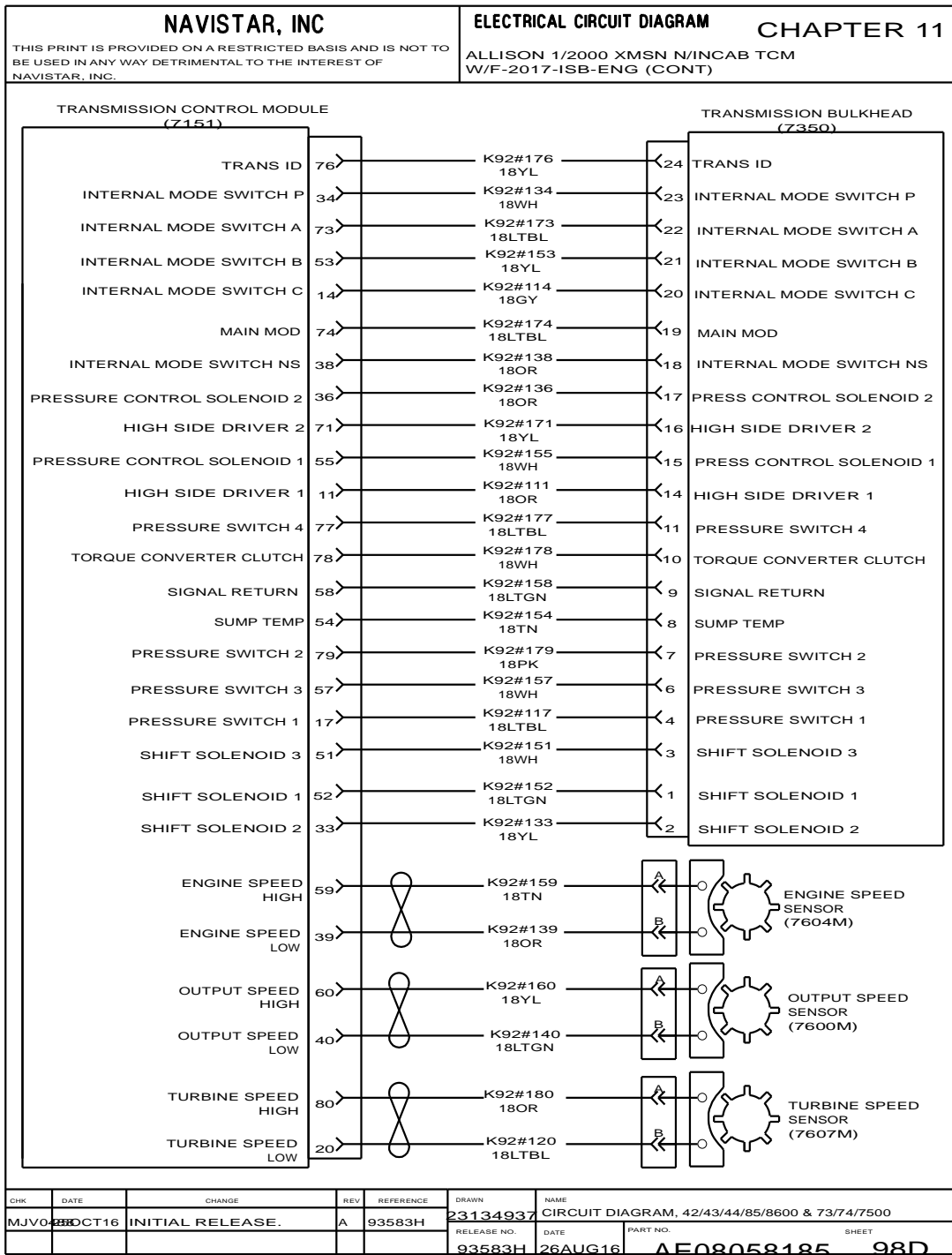


Figure 646 Allison 1 / 2000 Transmission without In-Cab TCM with F-2017 ISB Engine (Cont.)

11.117. ALLISON 3000 TRANSMISSION WITHOUT IN-CAB TCM WITH PTO WITH F-2017 ISB ENGINE, P. 98E

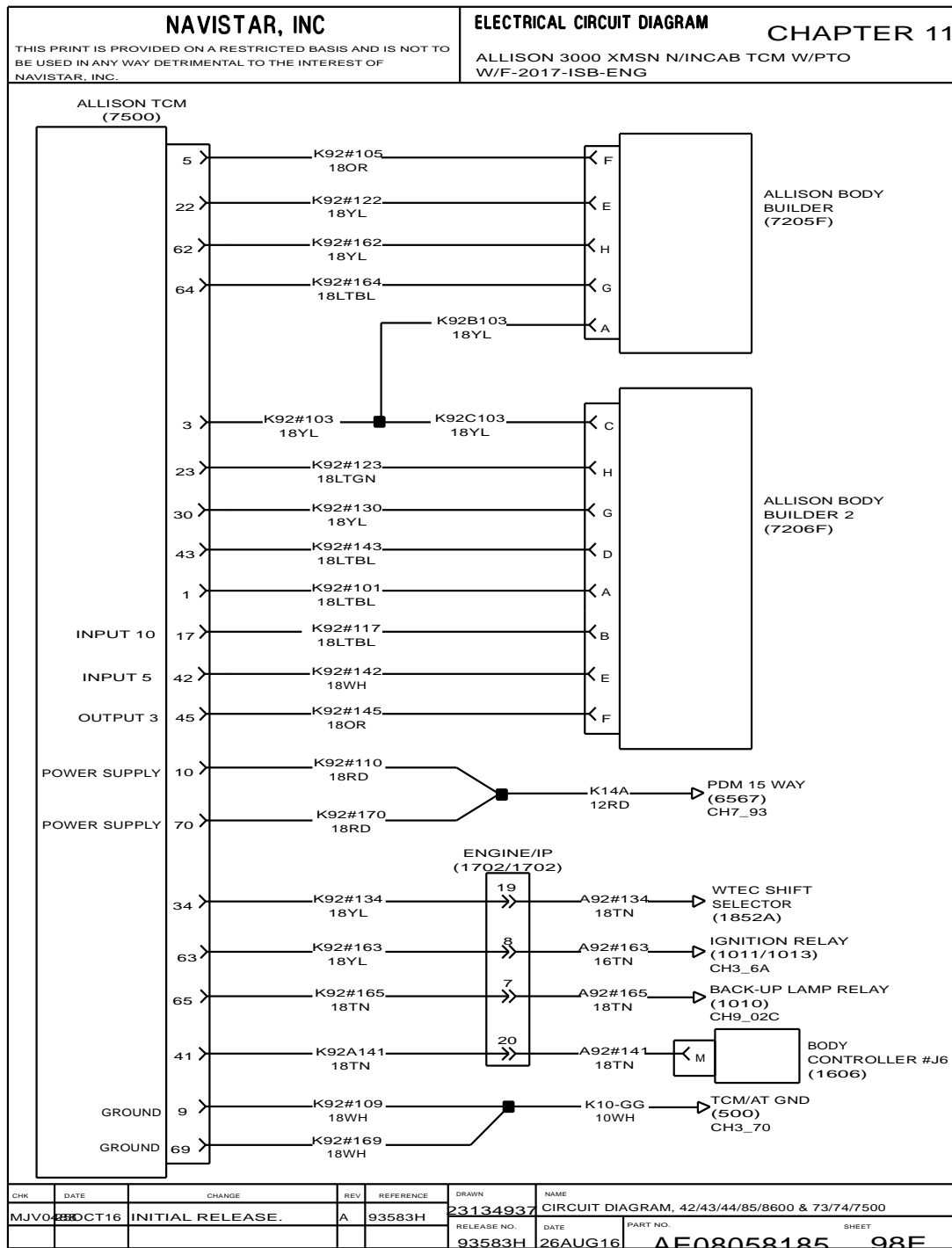


Figure 647 Allison 3000 Transmission without In-Cab TCM with PTO with F-2017 ISB Engine

11.118. ALLISON 3000 TRANSMISSION WITHOUT IN-CAB TCM WITH PTO WITH F-2017 ISB ENGINE (CONT.), P. 98F

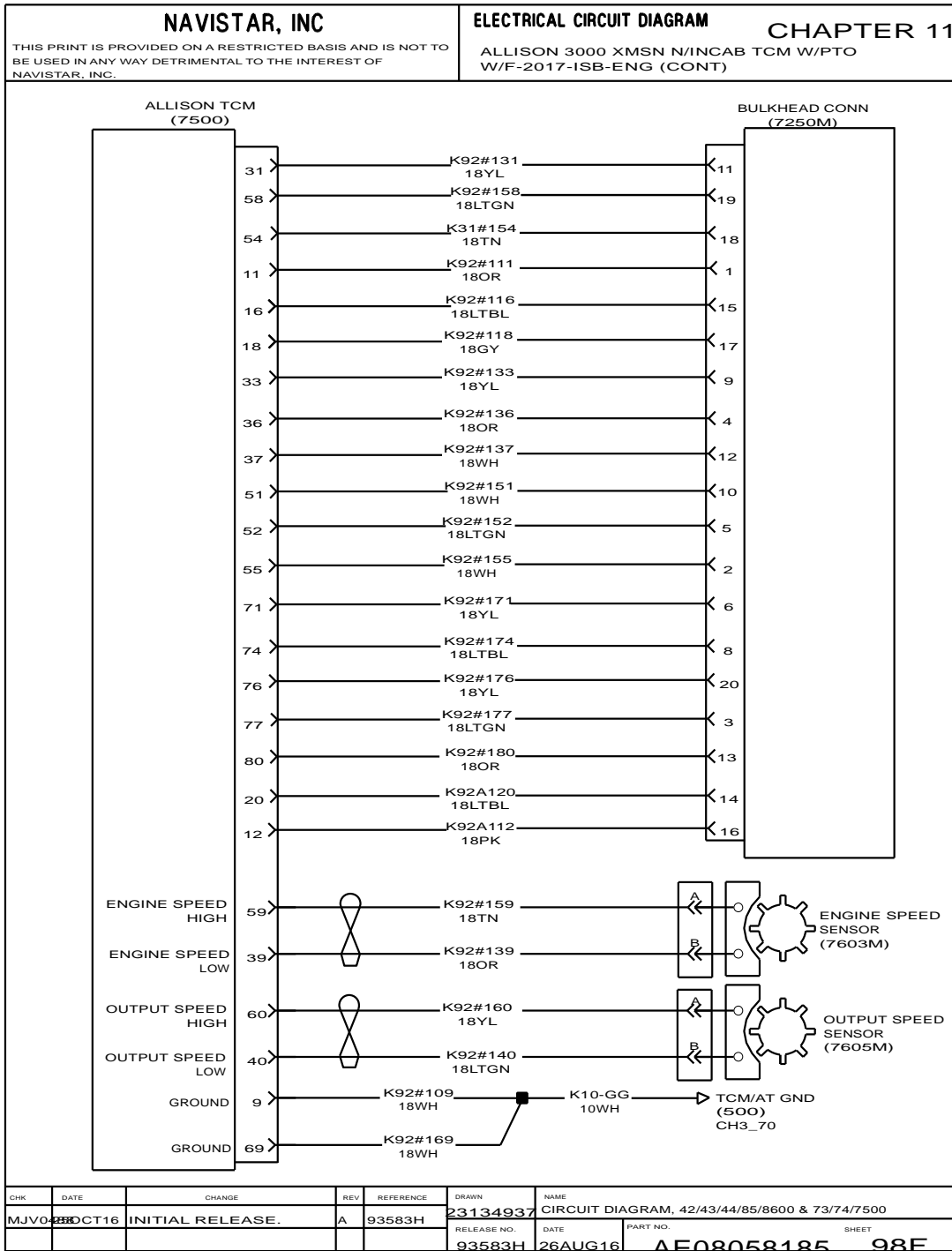


Figure 648 Allison 3000 Transmission without In-Cab TCM with PTO with F-2017 ISB Engine (Cont.)

11.119. ALLISON 3000 TRANSMISSION WITH WHEELCHAIR INTERLOCK WITH F-2017 ISB ENGINE, P. 98G

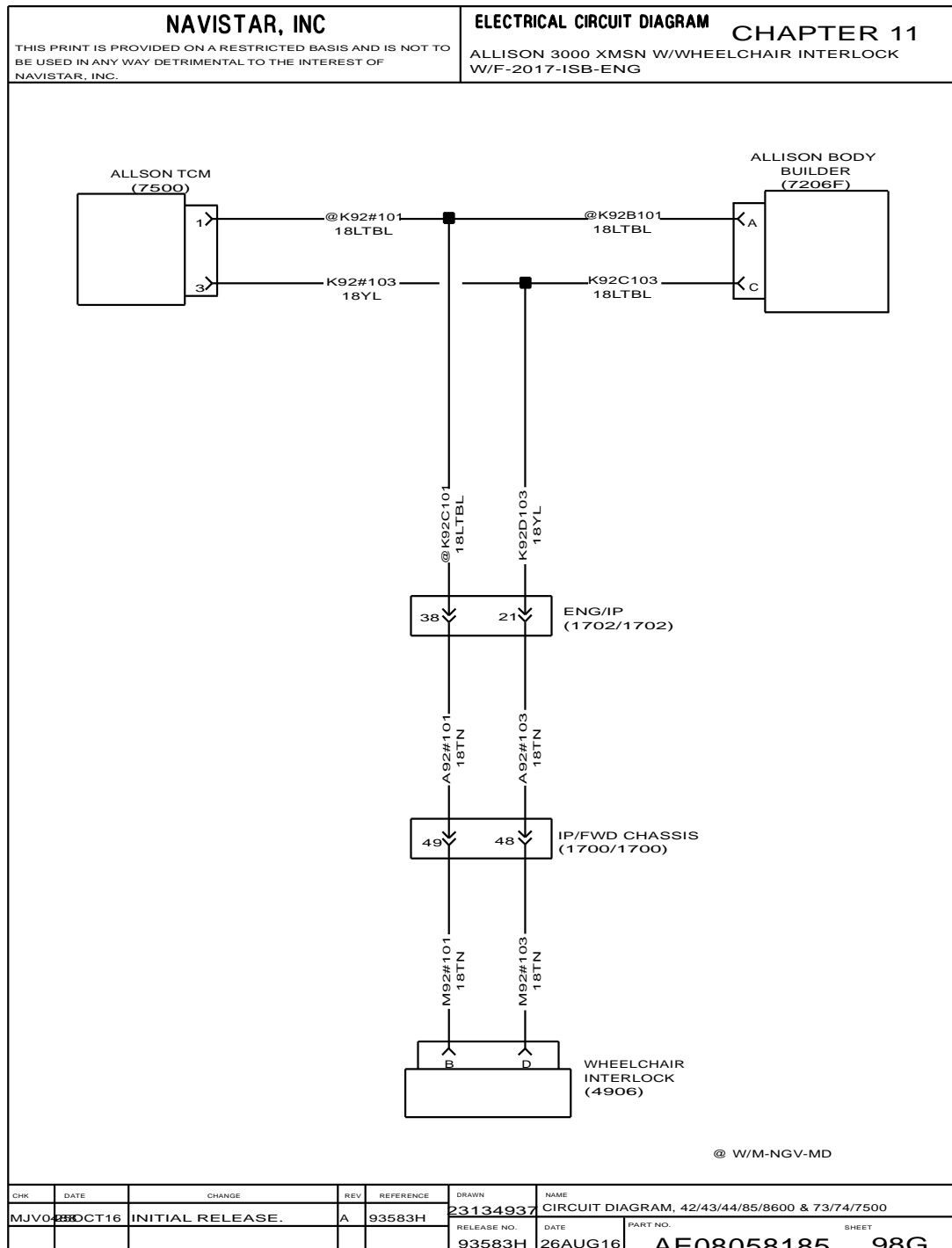


Figure 649 Allison 3000 Transmission with Wheelchair Interlock with F-2017 ISB Engine

11.120. EATON PROCISION TRANSMISSION WITH F-2017 ISB ENGINE, P. 98H

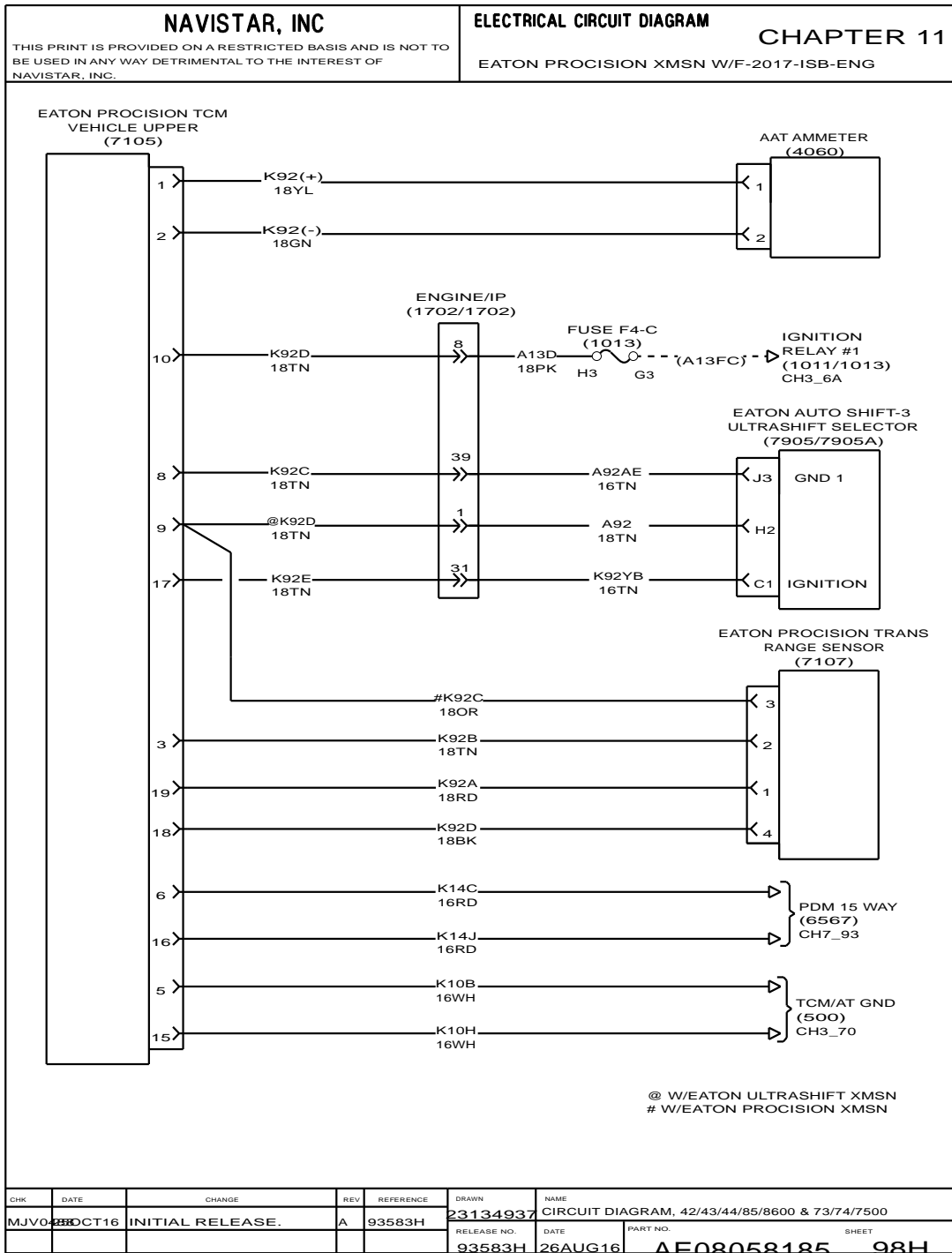


Figure 650 Eaton Procision Transmission with F-2017 ISB Engine

11.121. INTENTIONALLY LEFT BLANK, P. 981

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 11	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				INTENTIONALLY LEFT BLANK			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
					23134937	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
M.J.V.	28 OCT 16	INITIAL RELEASE.	A	93583H	RELEASE NO.	DATE	PART NO.
					93583H	26 AUG 16	AE08058185
							981

Figure 651 Intentionally Left Blank

11.122. EATON PROCISION TRANSMISSION WITH M-NGV-MD WITH F-2017 ISB ENGINE, P. 98J

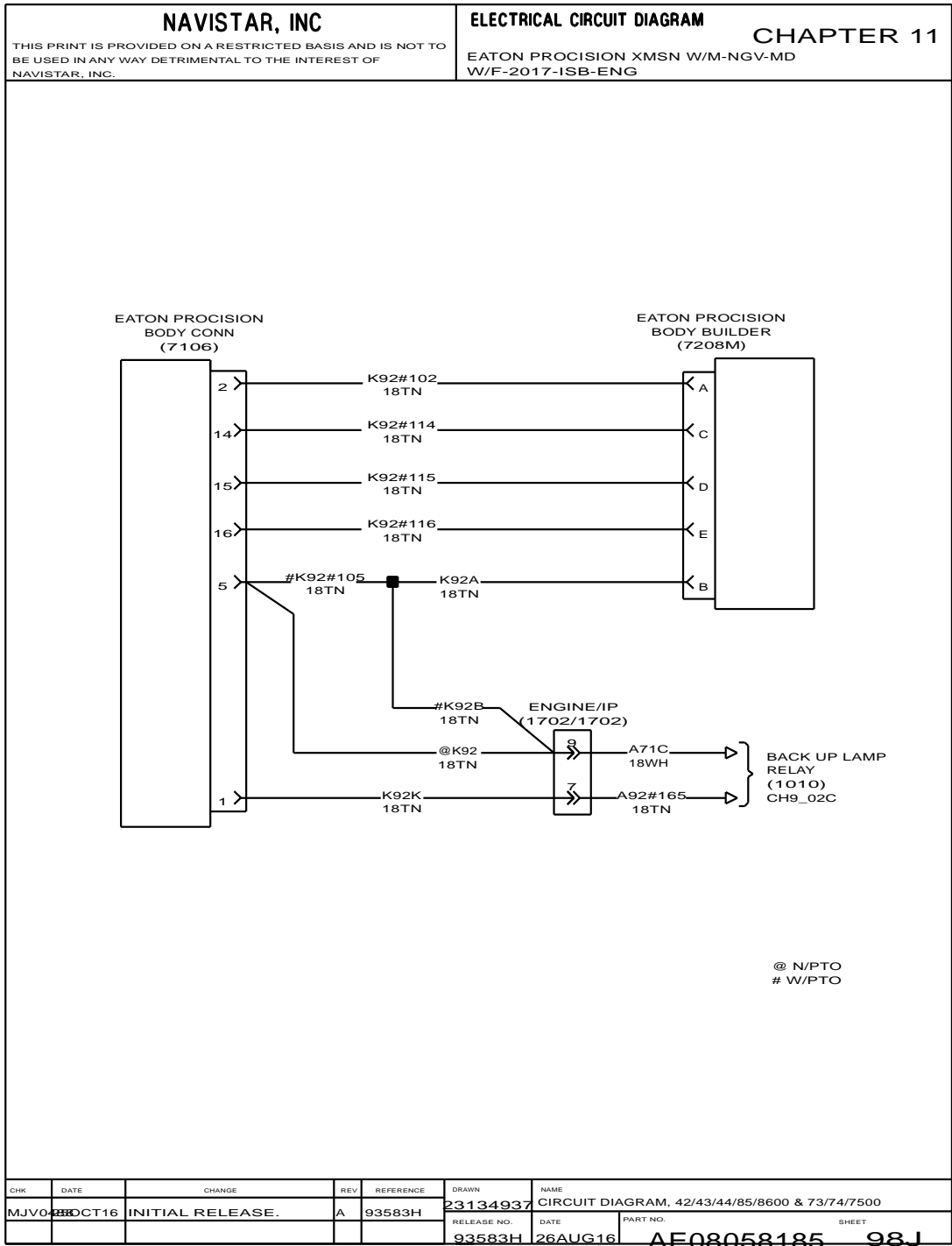


Figure 652 Eaton Procision Transmission with M-NGV-MD with F-2017 ISB Engine

11.123. EATON ULTRASHIFT TRANSMISSION WITH M-NGV-MD WITH F-2017 ISB ENGINE, P. 98K

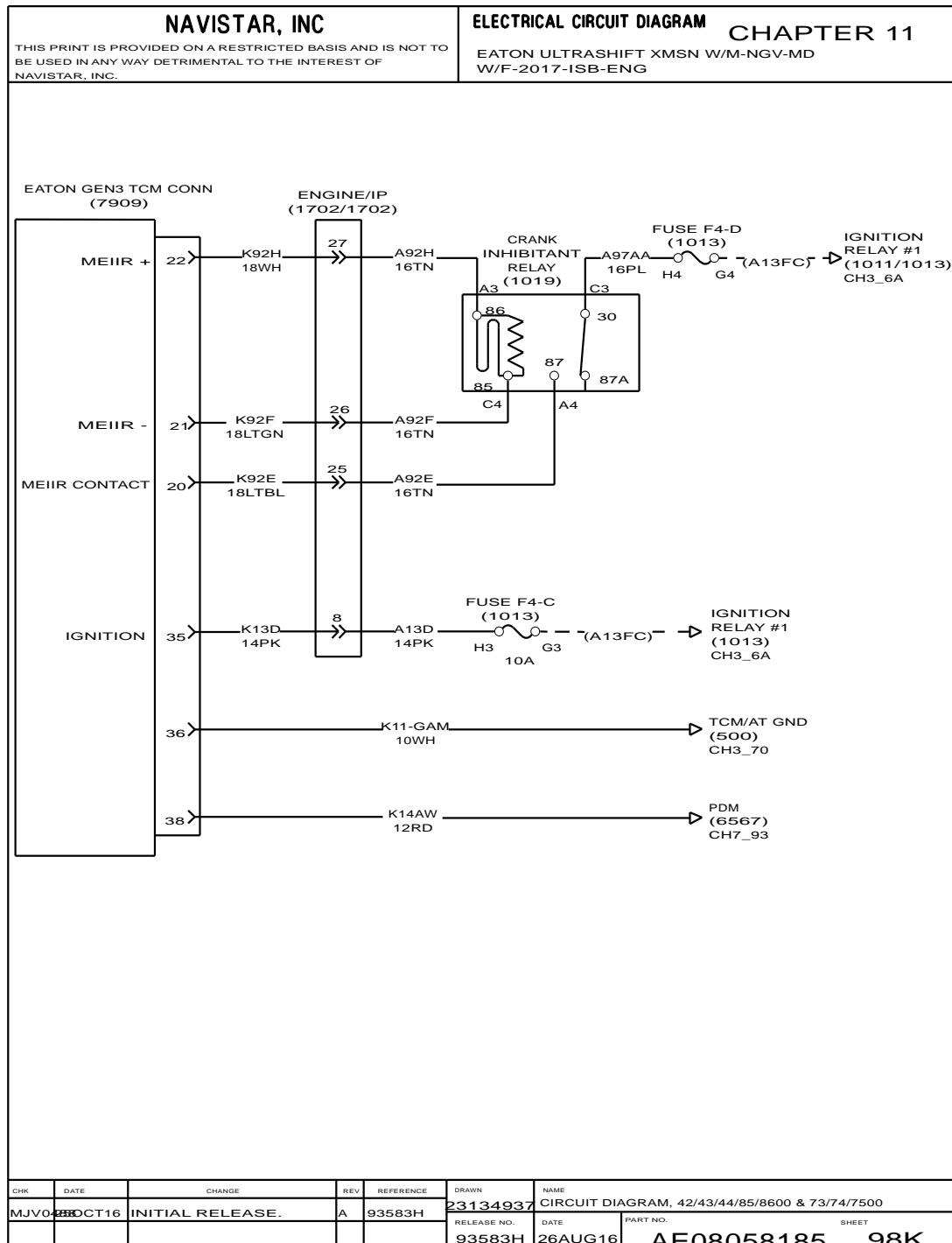


Figure 653 Eaton Ultrashift Transmission with M-NGV-MD with F-2017 ISB Engine

11.124. AUTO NEUTRAL WITH ALLISON TRANSMISSION 1000/2000 WITH F-2017 ISB ENGINE, P. 98L

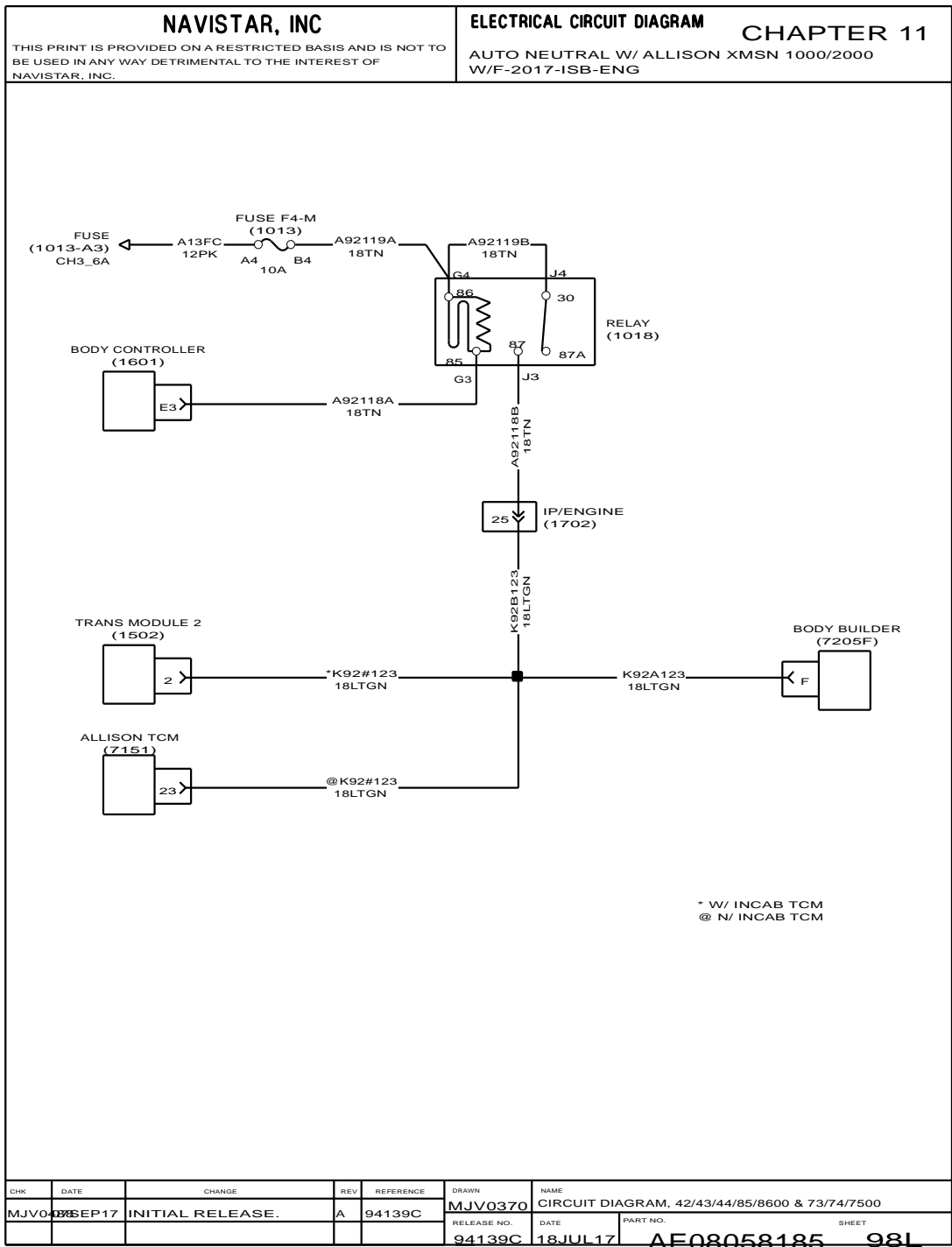


Figure 654 Auto Neutral with Allison Transmission 1000/2000 with F-2017 ISB Engine

11.125. ALLISON TRANSMISSION WITHOUT IN-CAB WITH F-2017 ISL ENGINE, P. 99

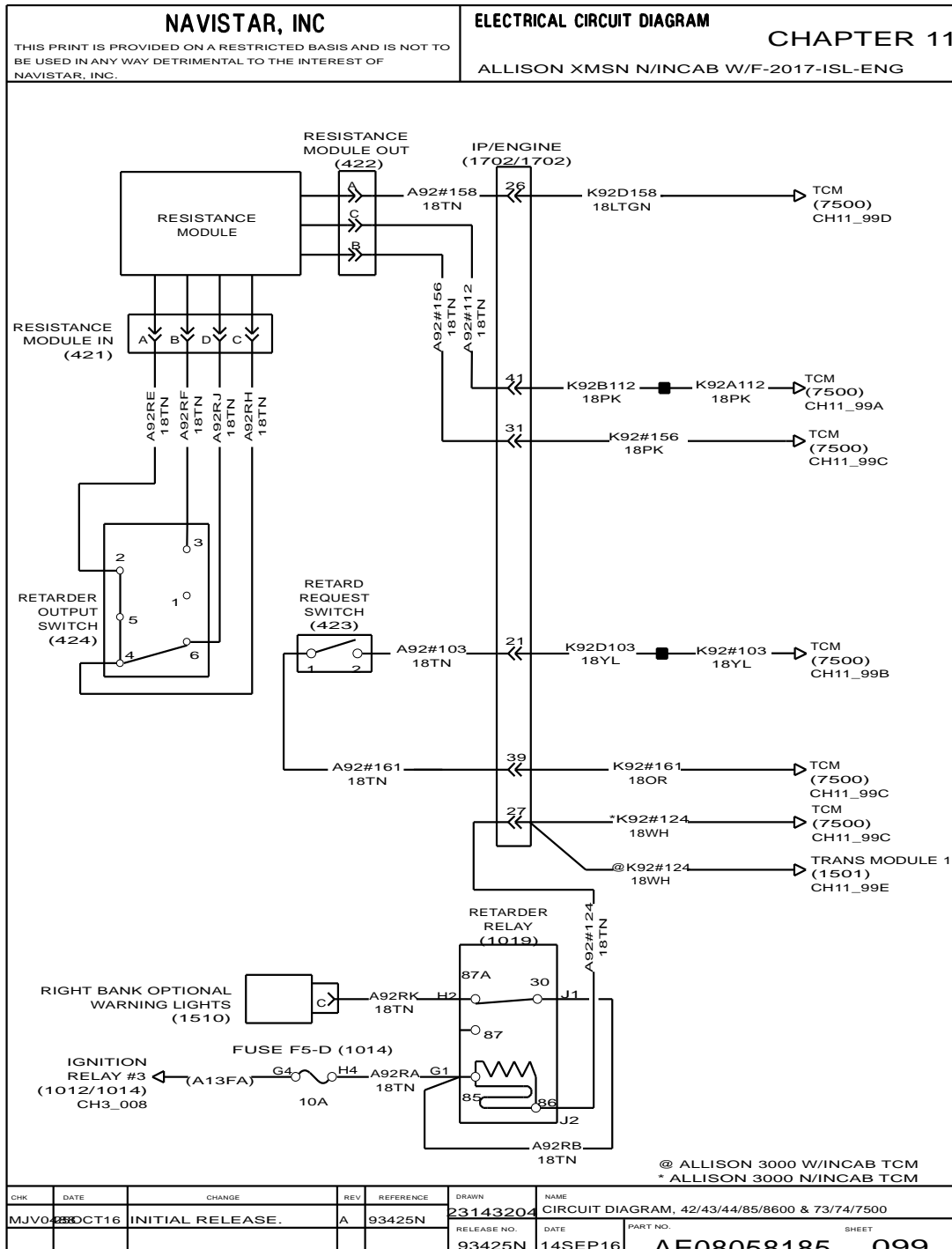


Figure 655 Allison Transmission without In-Cab with F-2017 ISL Engine

11.126. ALLISON TRANSMISSION WITHOUT IN-CAB WITH F-2017 ISL ENGINE (CONT.), P. 99A

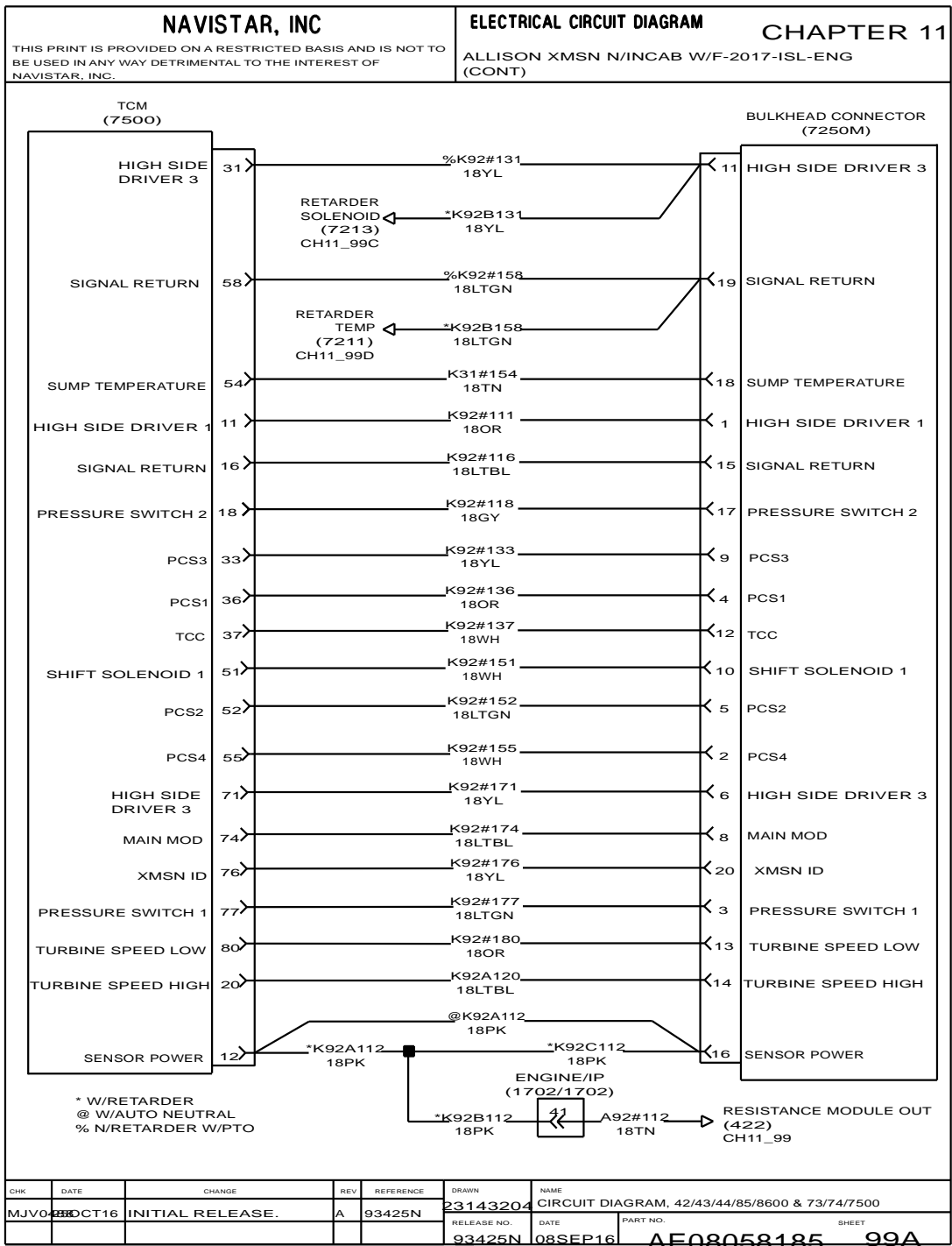


Figure 656 Allison Transmission without In-Cab with F-2017 ISL Engine (Cont.)

11.127. ALLISON TRANSMISSION WITHOUT IN-CAB WITH F-2017 ISL ENGINE (CONT.), P. 99B

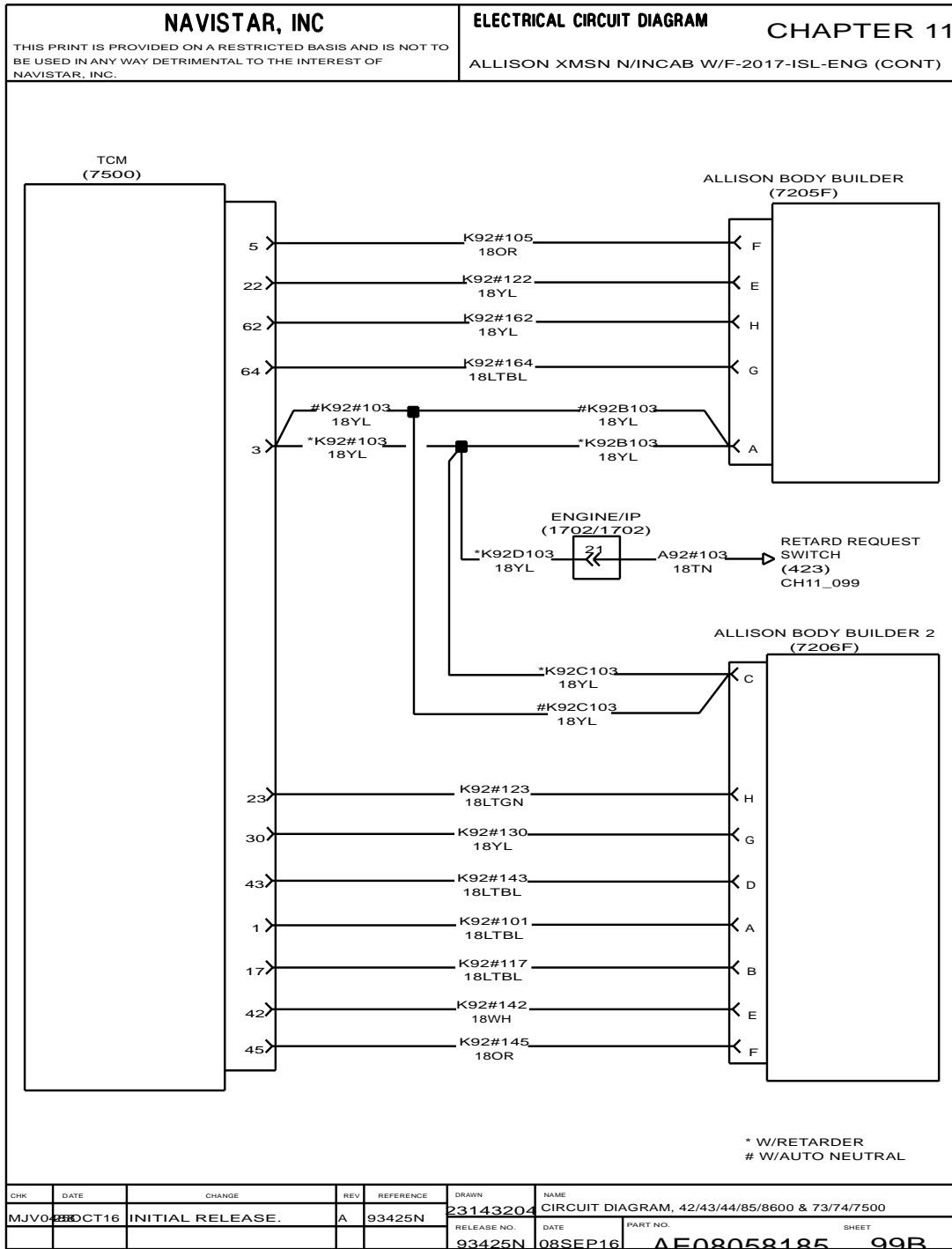


Figure 657 Allison Transmission without In-Cab with F-2017 ISL Engine (Cont.)

11.128. ALLISON TRANSMISSION WITHOUT IN-CAB WITH F-2017 ISL ENGINE (CONT.), P. 99C

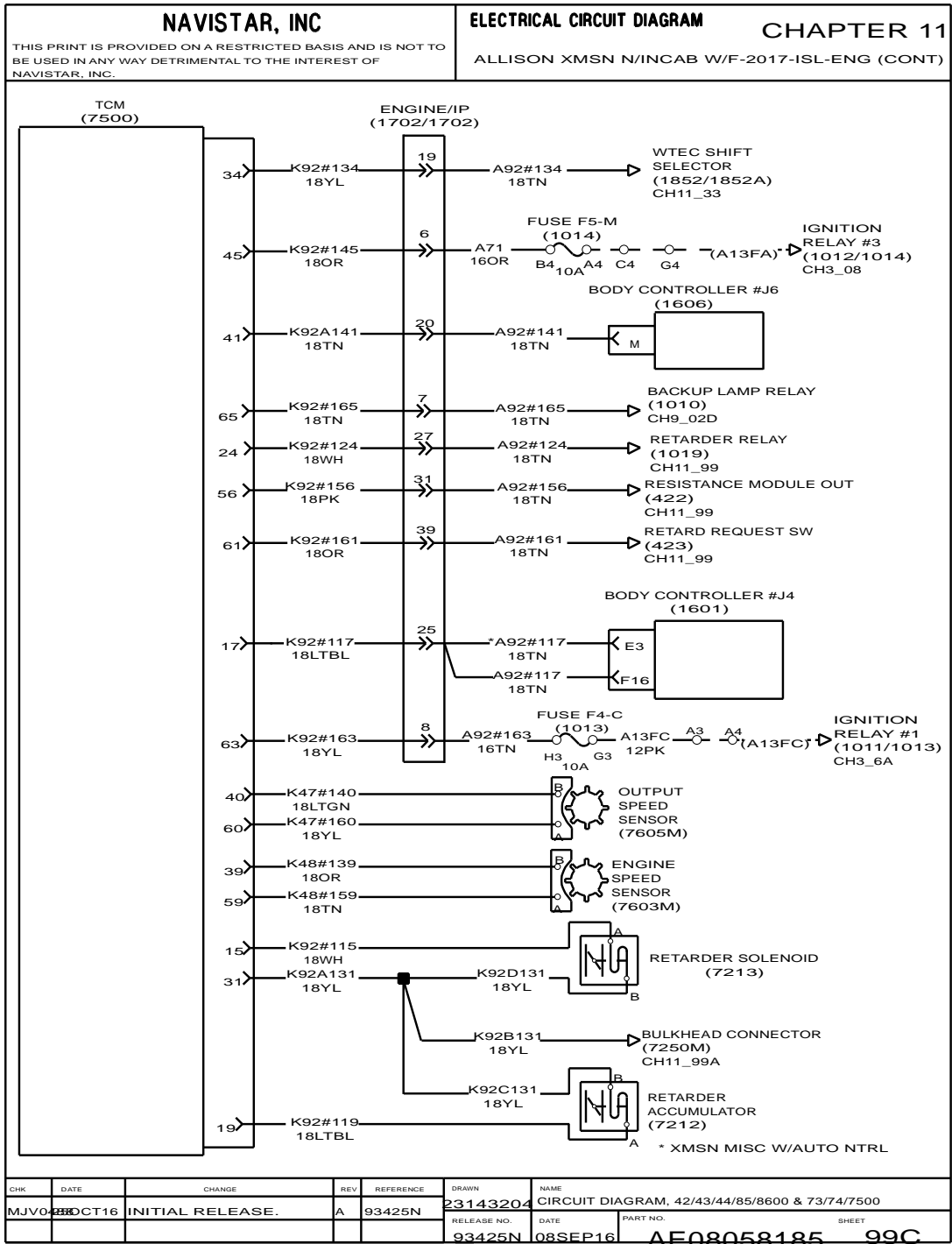


Figure 658 Allison Transmission without In-Cab with F-2017 ISL Engine (Cont.)

11.129. ALLISON TRANSMISSION WITHOUT IN-CAB WITH F-2017 ISL ENGINE (CONT.), P. 99D

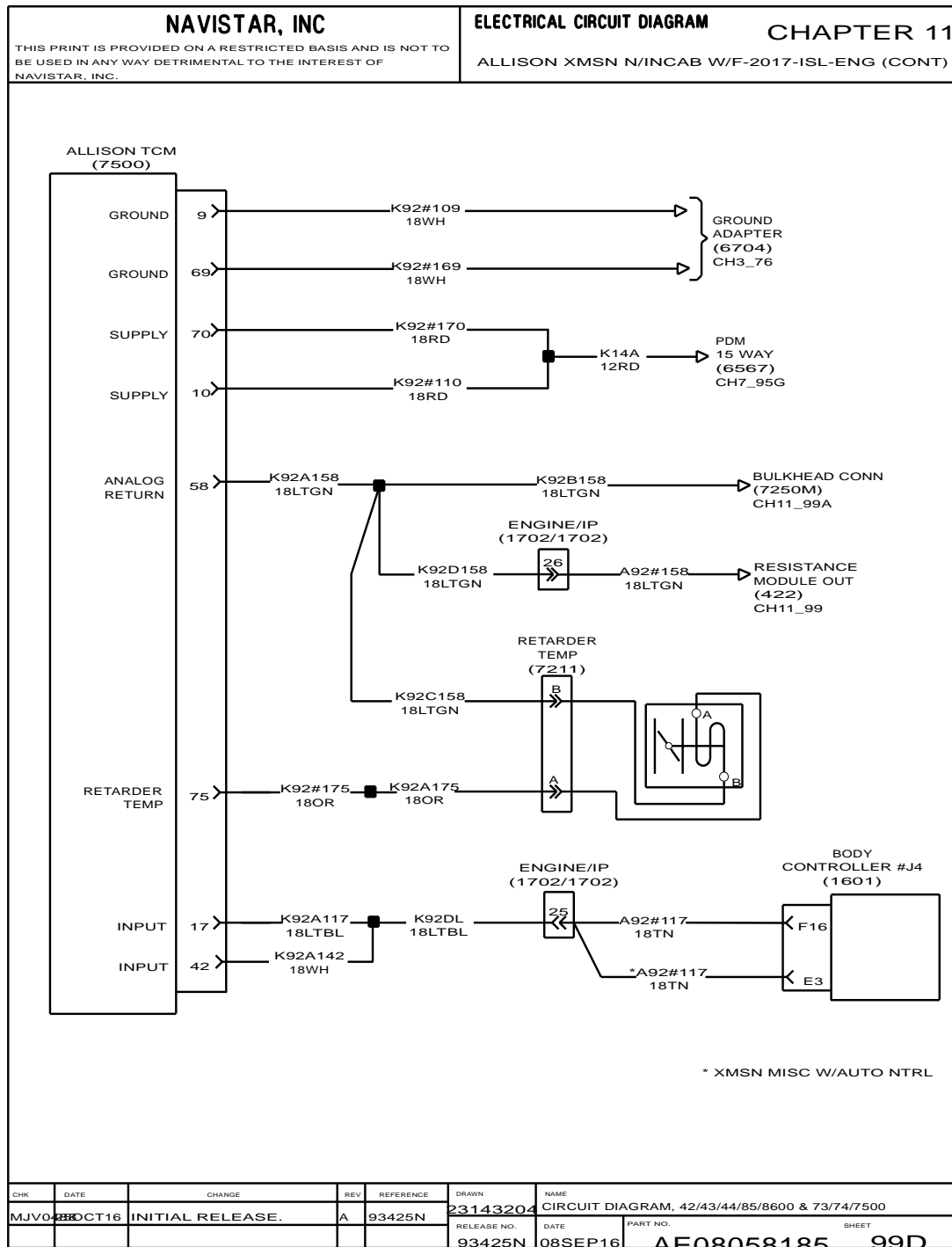


Figure 659 Allison Transmission without In-Cab with F-2017 ISL Engine (Cont.)

11.130. ALLISON TRANSMISSION WITH IN-CAB WITH F-2017 ISL ENGINE, P. 99E

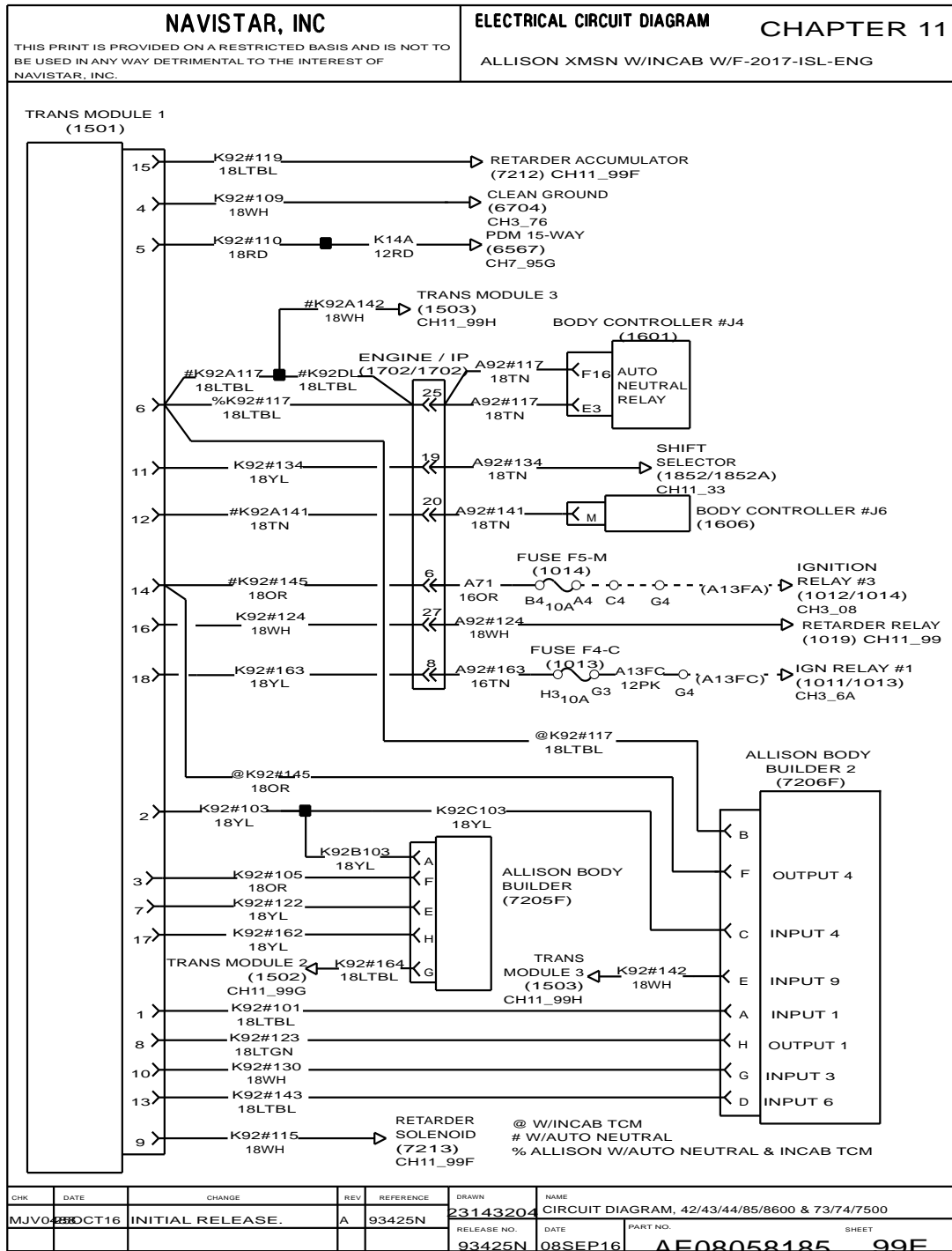


Figure 660 Allison Transmission with In-Cab with F-2017 ISL Engine

11.131. ALLISON TRANSMISSION WITH IN-CAB WITH F-2017 ISL ENGINE (CONT.), P. 99F

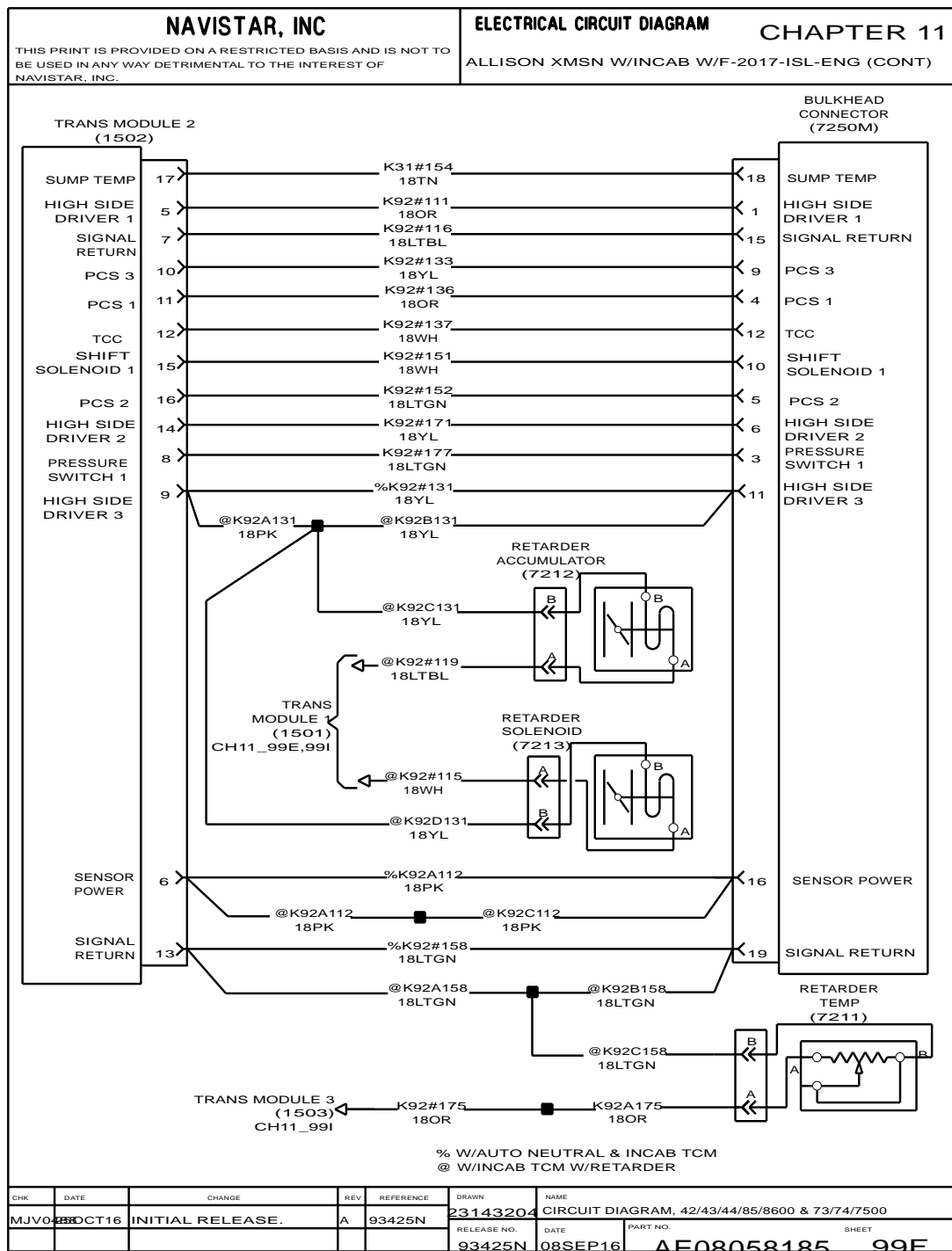


Figure 661 Allison Transmission with In-Cab with F-2017 ISL Engine (Cont.)

11.132. ALLISON TRANSMISSION WITH IN-CAB WITH F-2017 ISL ENGINE (CONT.), P. 99G

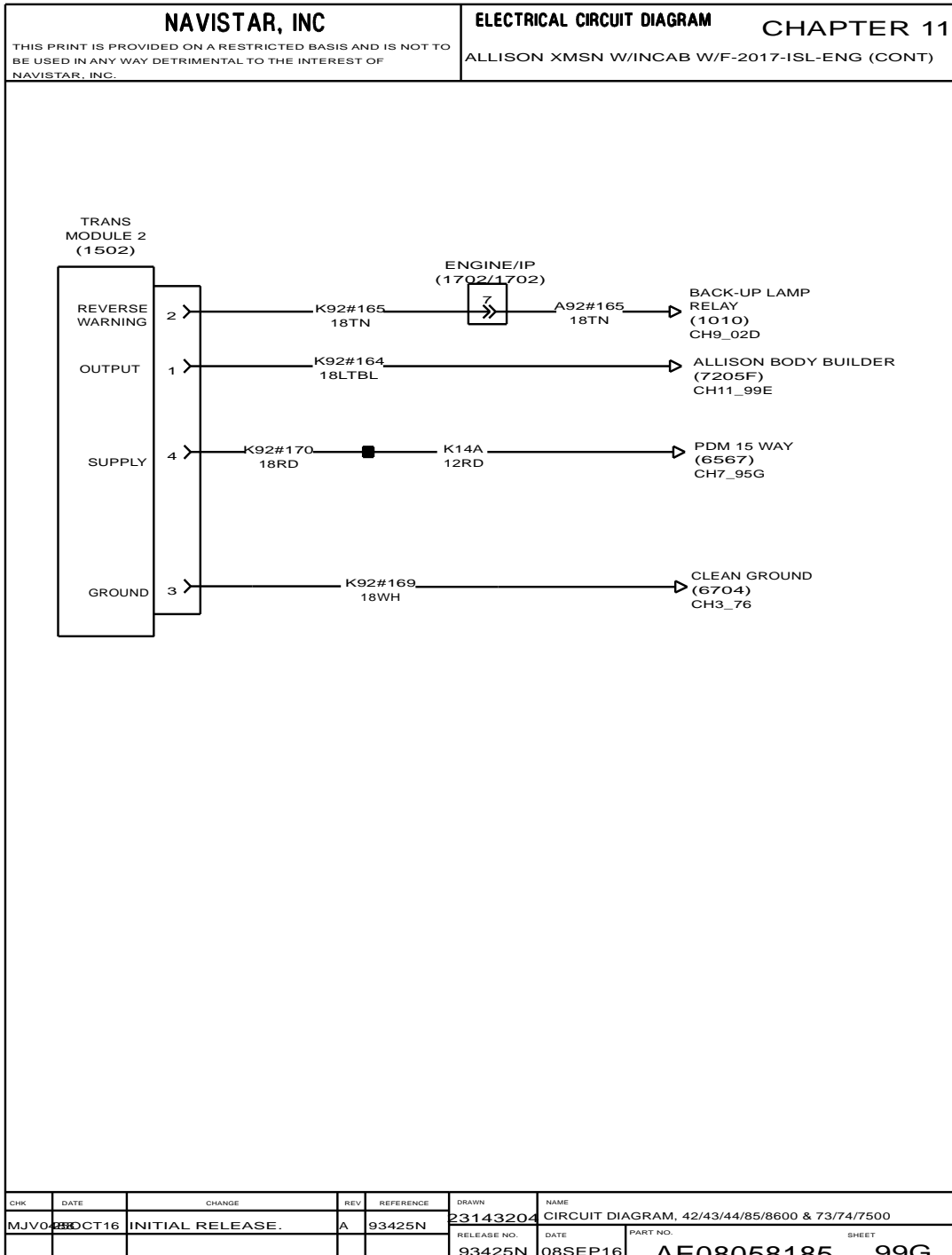


Figure 662 Allison Transmission with In-Cab with F-2017 ISL Engine (Cont.)

11.133. ALLISON TRANSMISSION WITH IN-CAB WITH F-2017 ISL ENGINE (CONT.), P. 99H

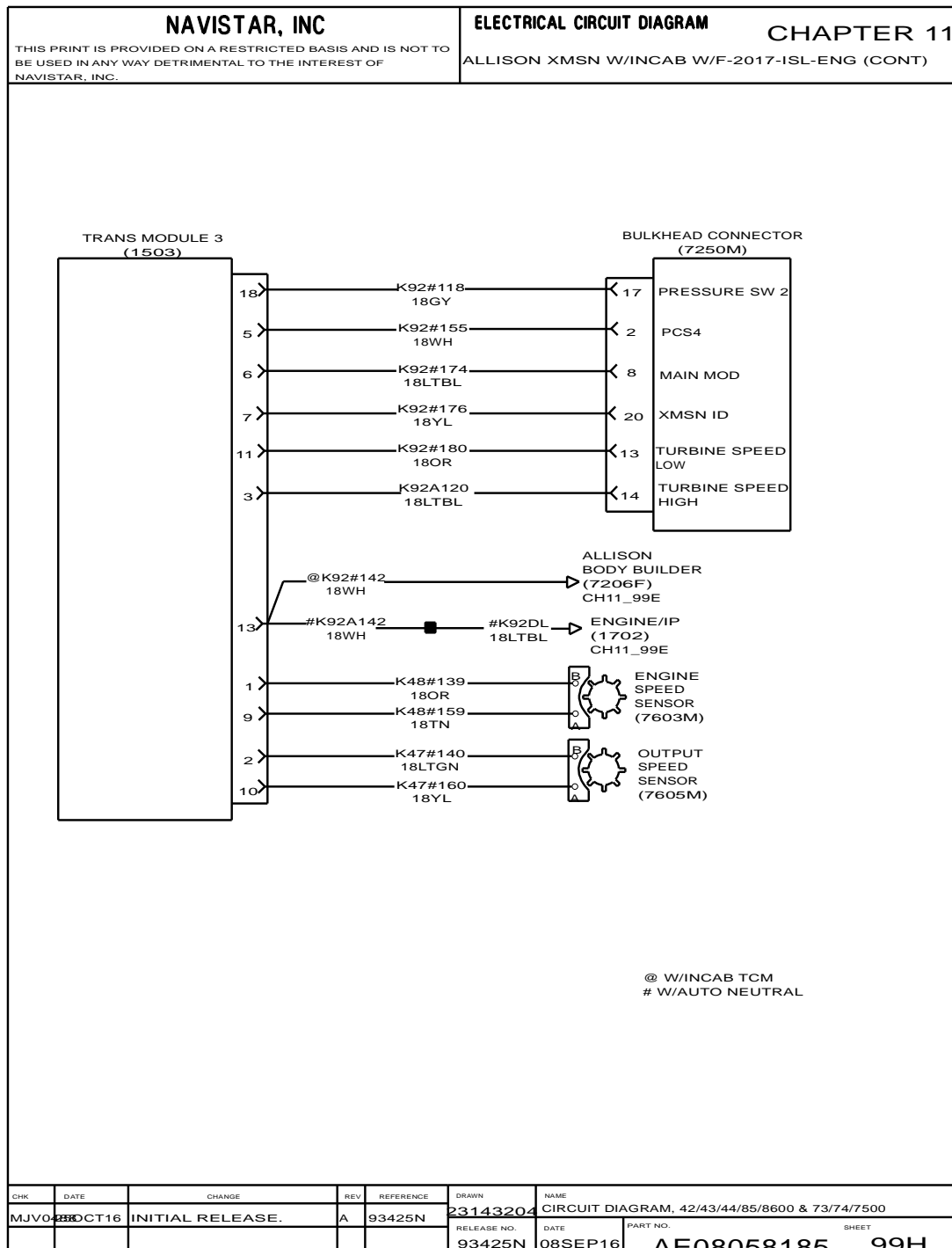


Figure 663 Allison Transmission with In-Cab with F-2017 ISL Engine (Cont.)

11.134. ALLISON TRANSMISSION WITH IN-CAB WITH F-2017 ISL ENGINE (CONT.), P. 991

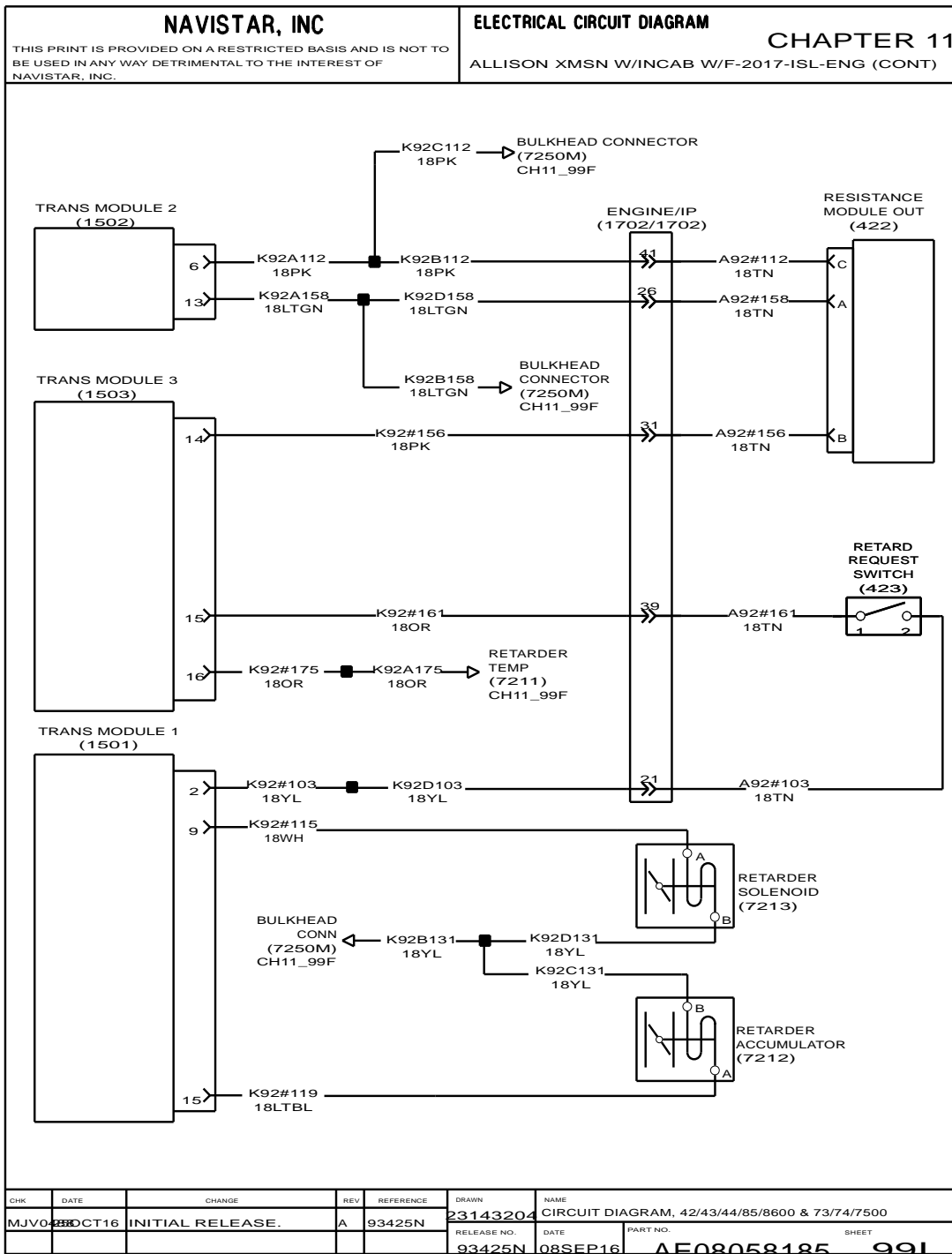


Figure 664 Allison Transmission with In-Cab with F-2017 ISL Engine (Cont.)

AIR CONDITIONING (CHAPTER 12)

12.1. AIR CONDITIONING, P. 1

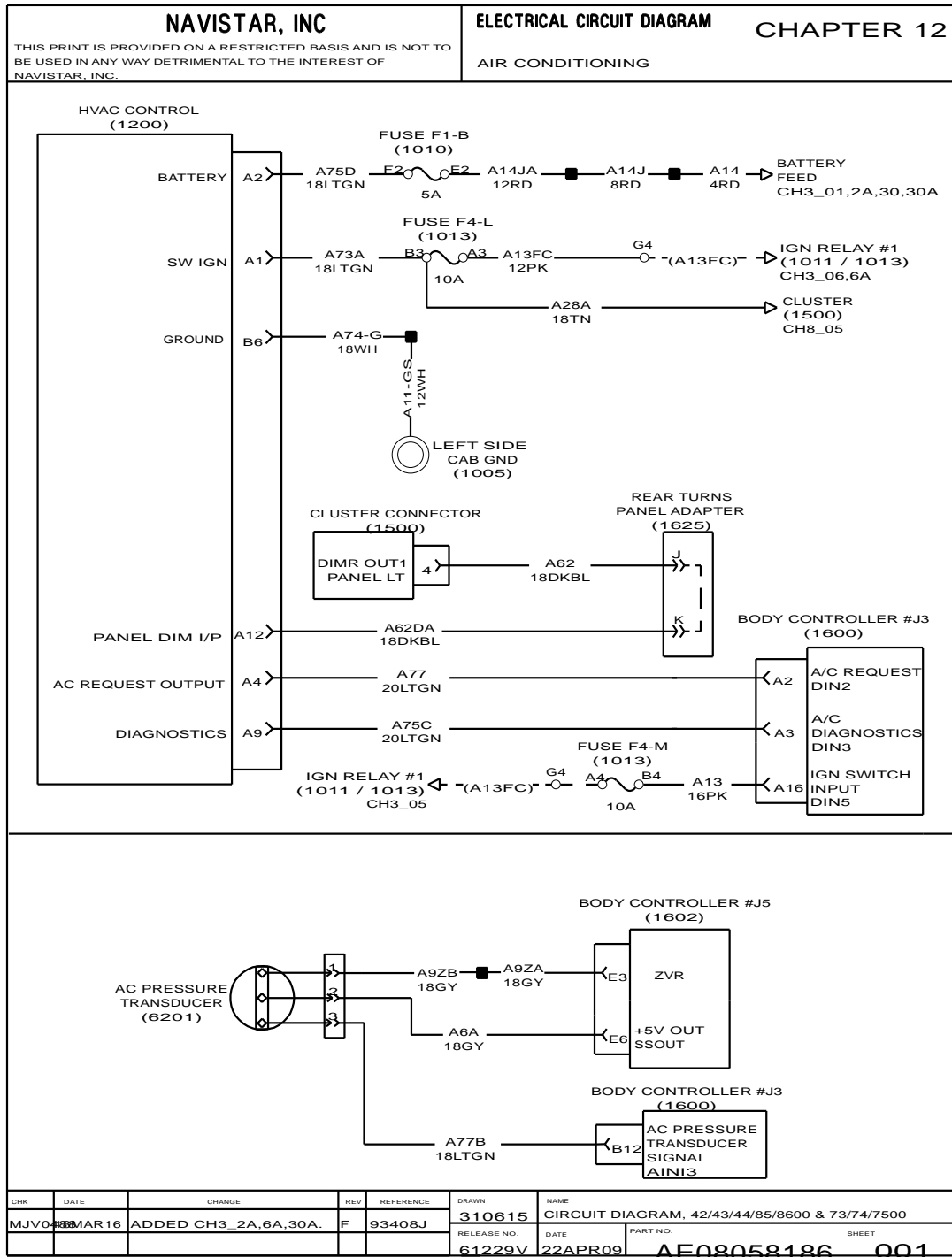


Figure 665 Air Conditioning

12.2. AIR CONDITIONING (CONT.), P. 2

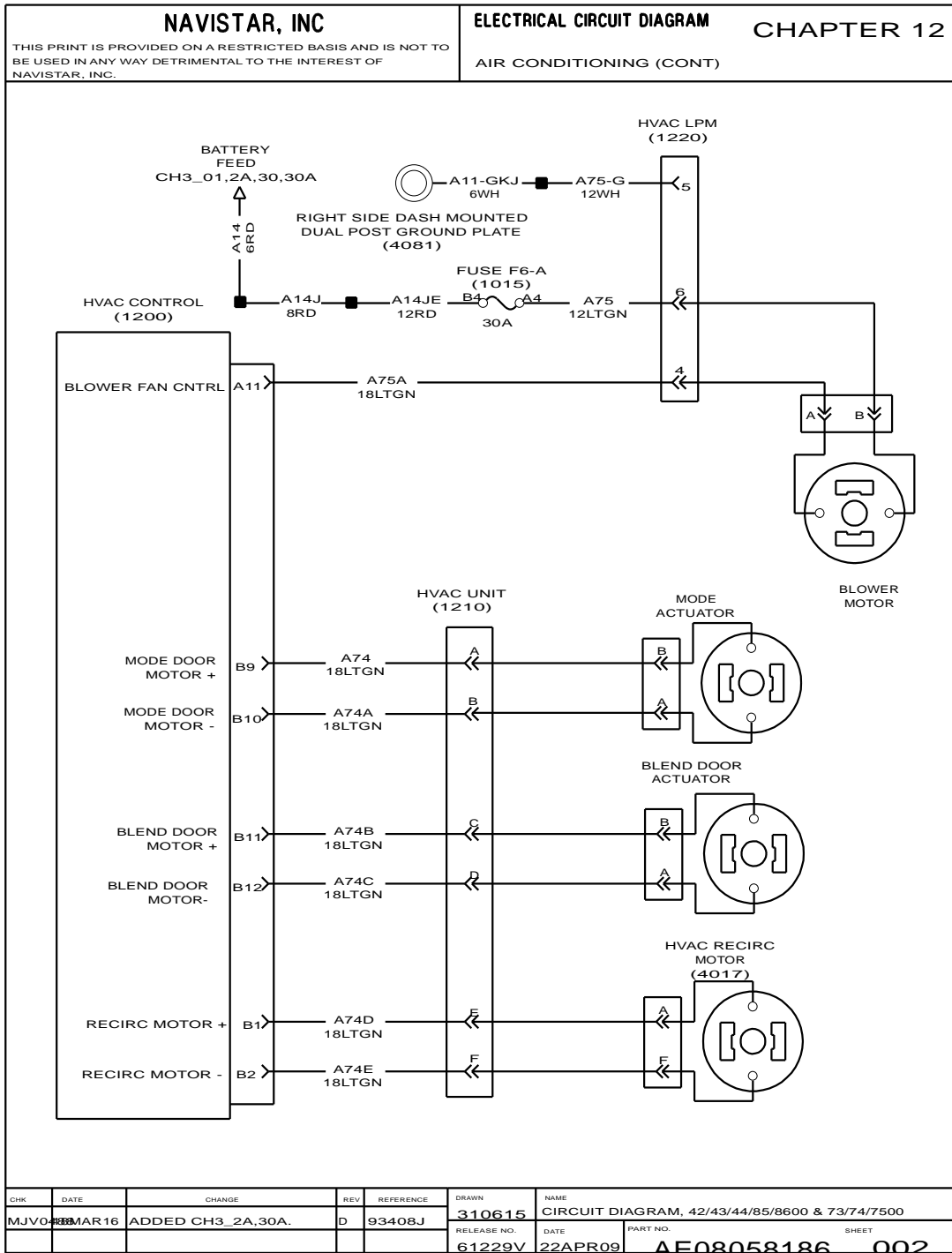


Figure 666 Air Conditioning (Cont.)

12.3. HVAC SYSTEM, P. 3

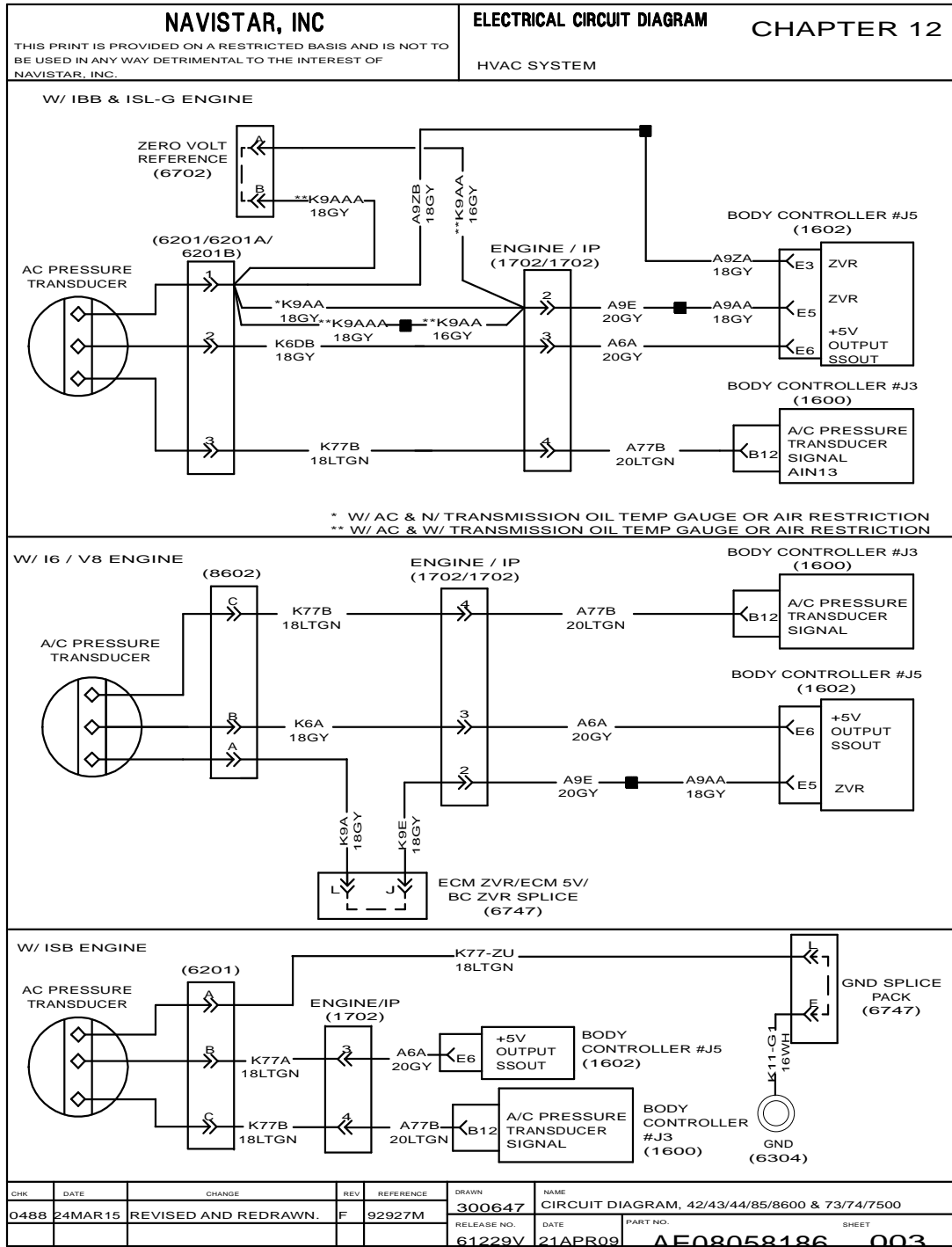
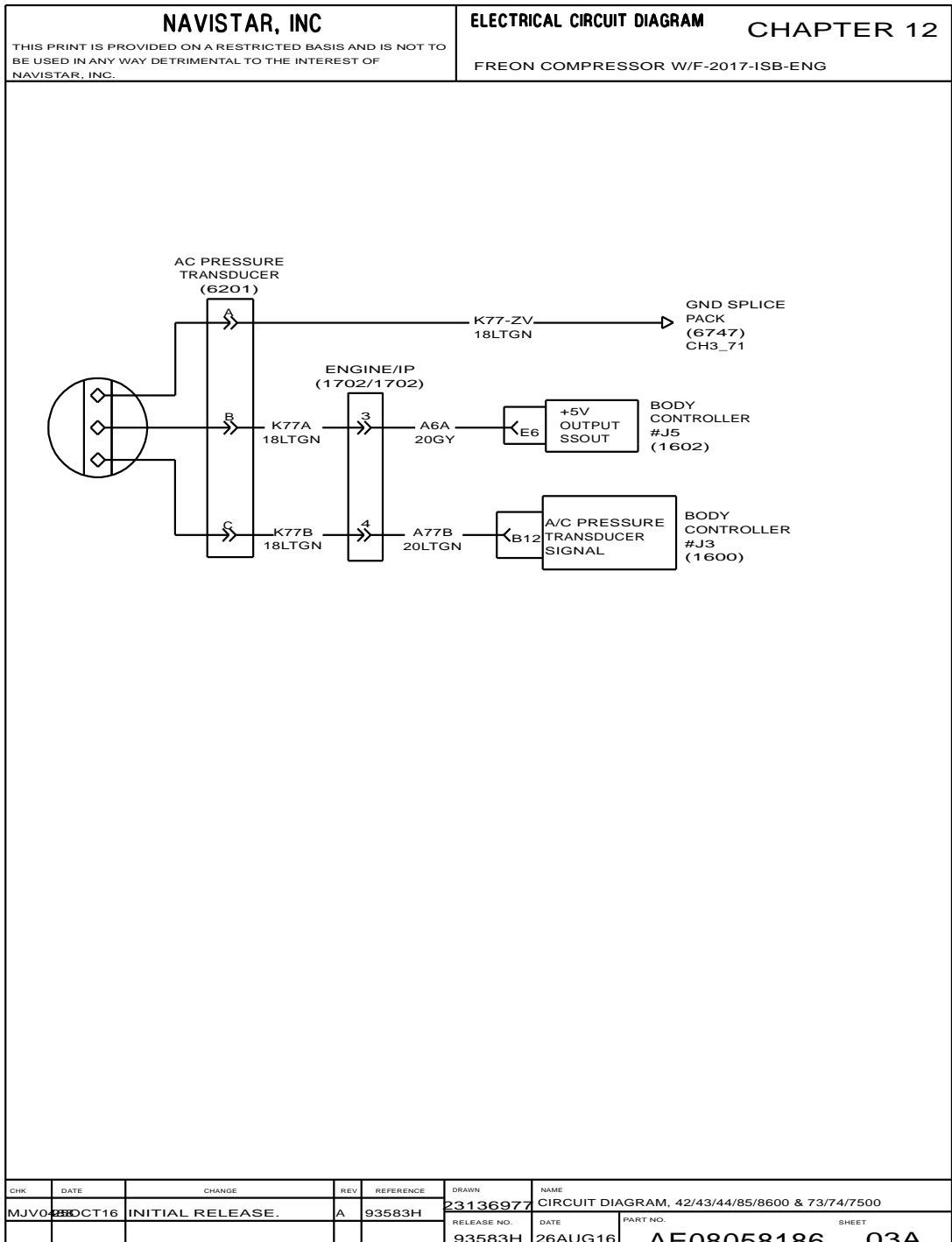


Figure 667 HVAC System

12.4. FREON COMPRESSOR WITH F-2017 ISB ENGINE, P. 3A



12.5. HVAC SYSTEM (CONT.), P. 4

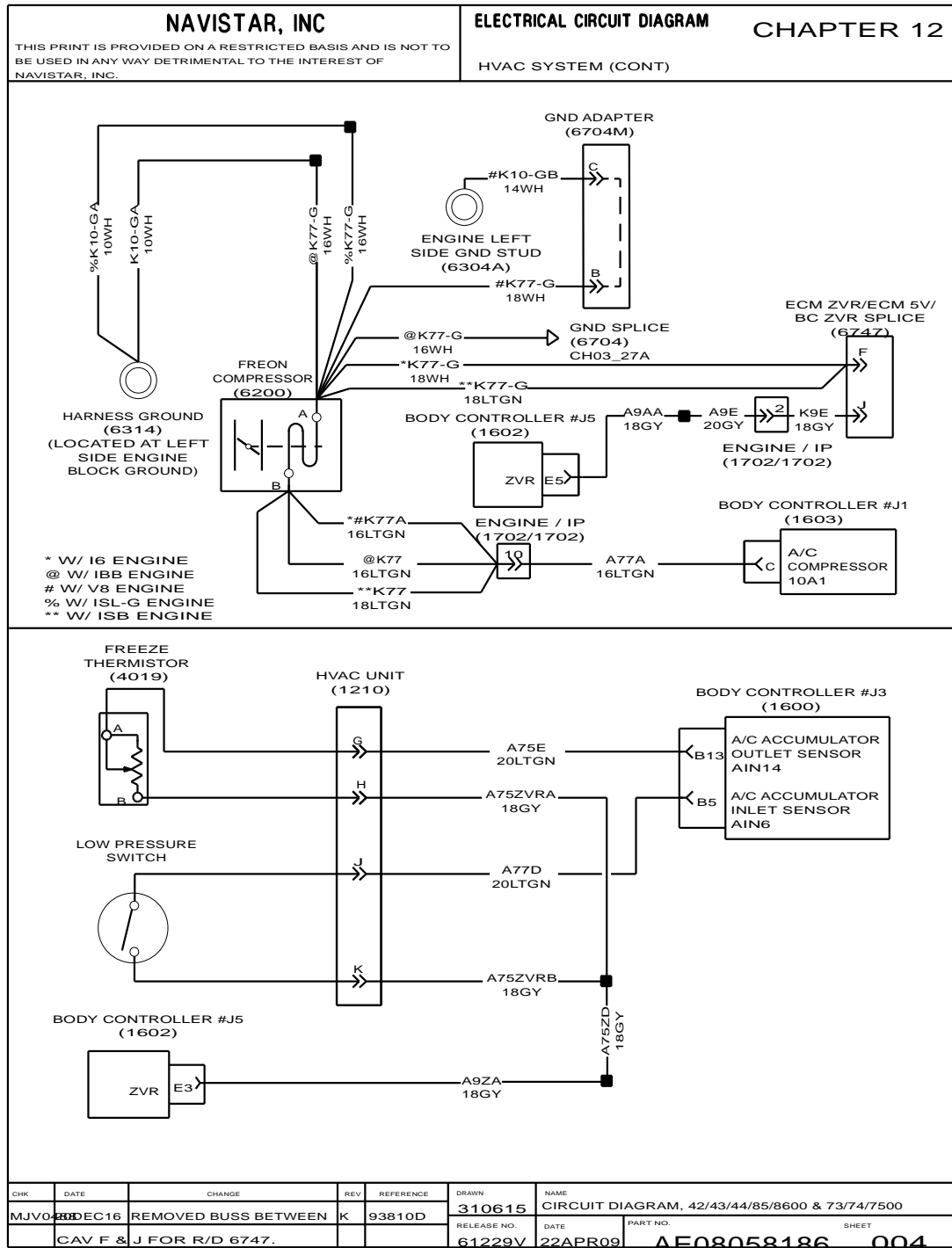


Figure 669 HVAC System (Cont.)

12.6. HVAC SYSTEM (CONT.), P. 4A

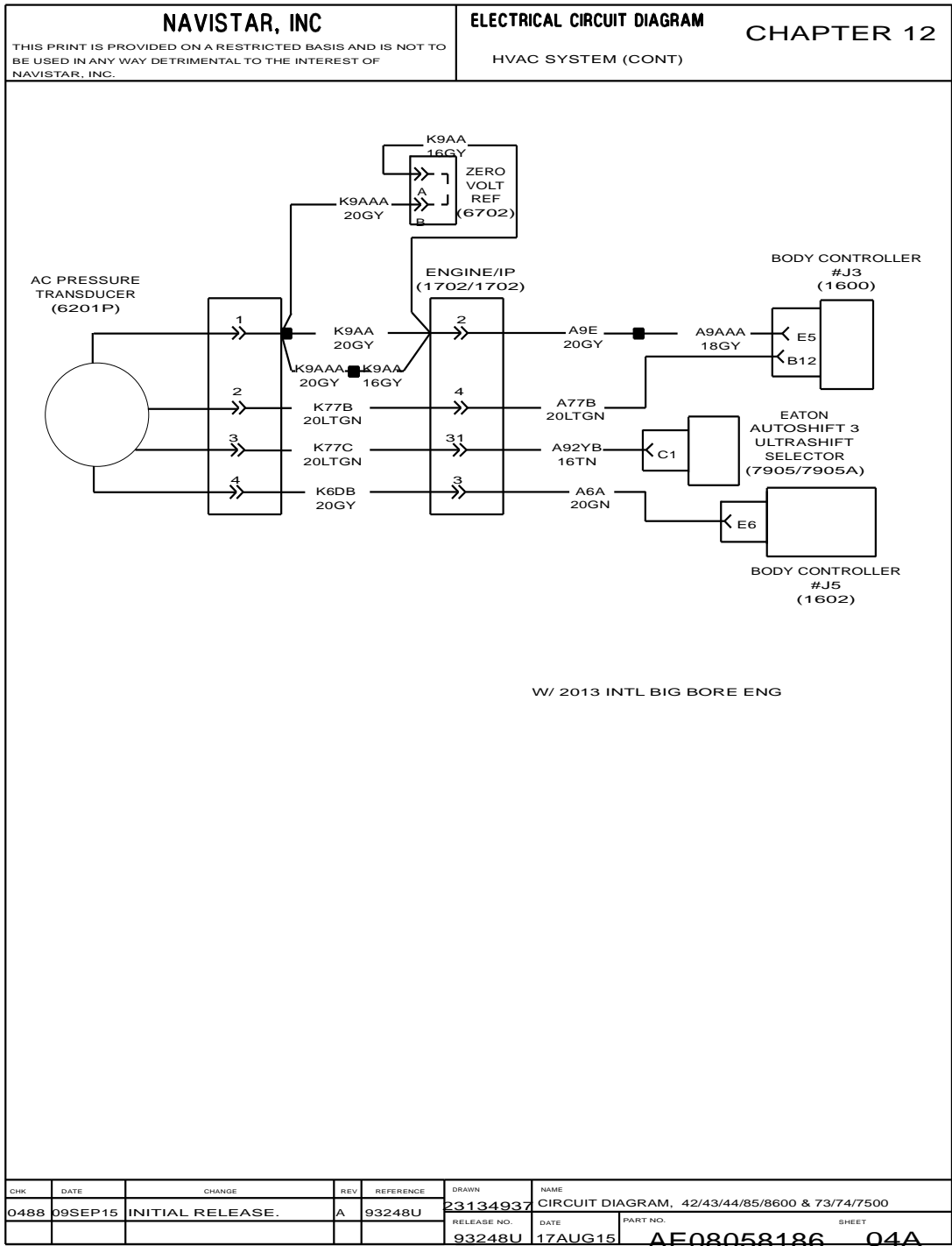


Figure 670 HVAC System (Cont.)

12.7. AUTOTHERM SYSTEM, P. 5

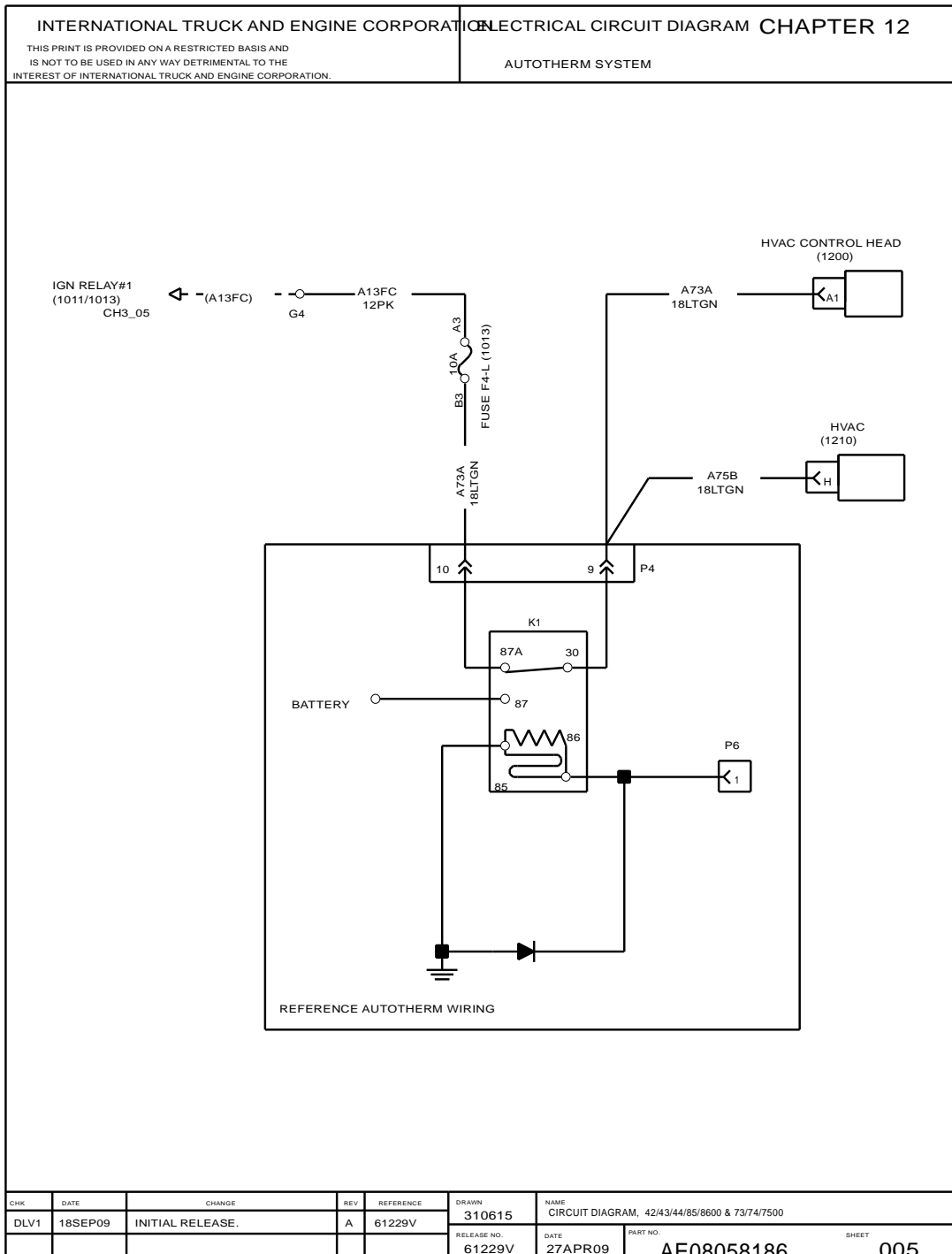


Figure 671 Autotherm System

12.8. FREON COMPRESSOR WITH F-2013 ISL ENGINE, P. 6

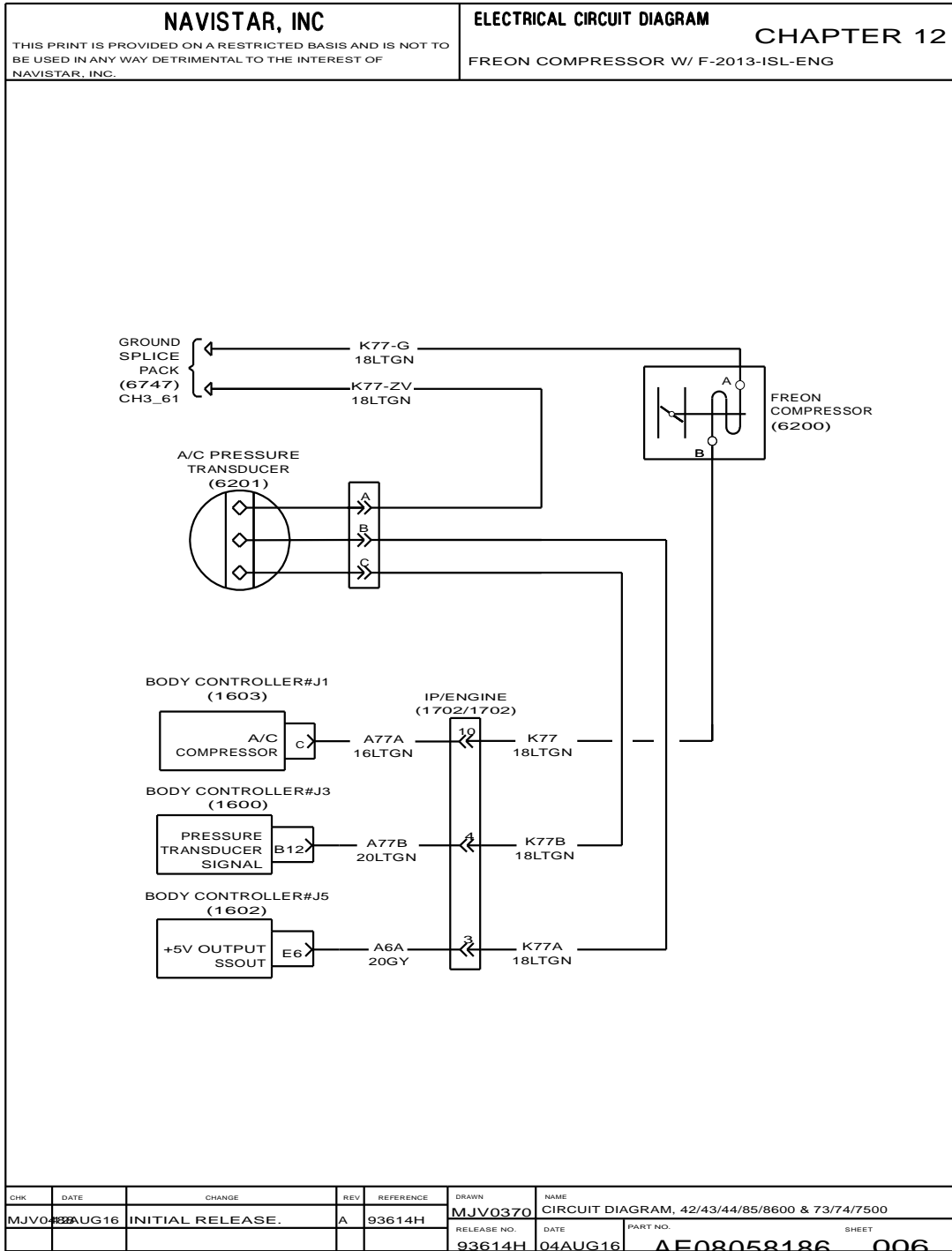


Figure 672 Freon Compressor with F-2013 ISL Engine

12.9. FREON COMPRESSOR WITH F-2013 ISL ENGINE, P. 7

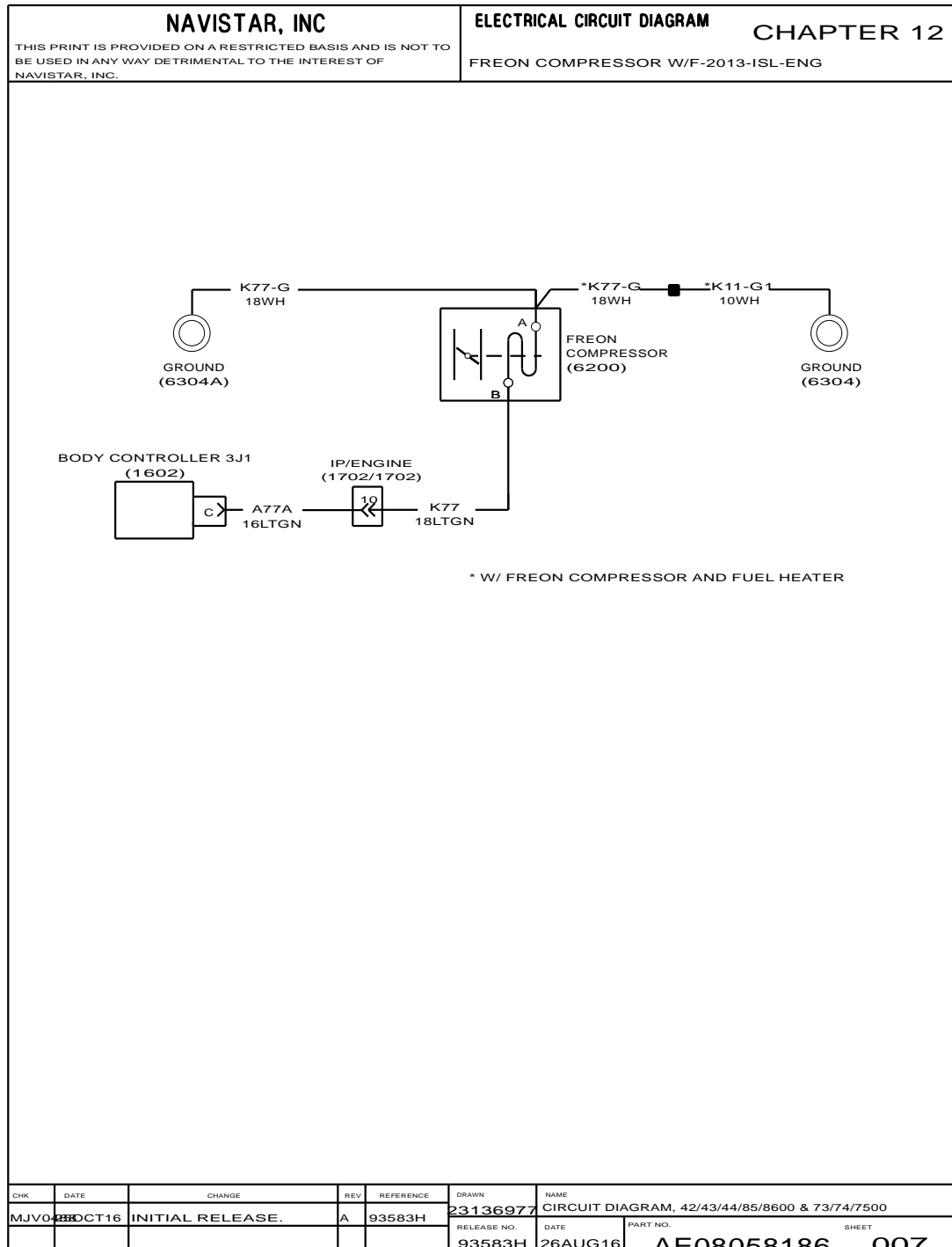


Figure 673 Freon Compressor with F-2013 ISL Engine

12.10. FREON COMPRESSOR WITH F-2017 ISL ENGINE, P. 8

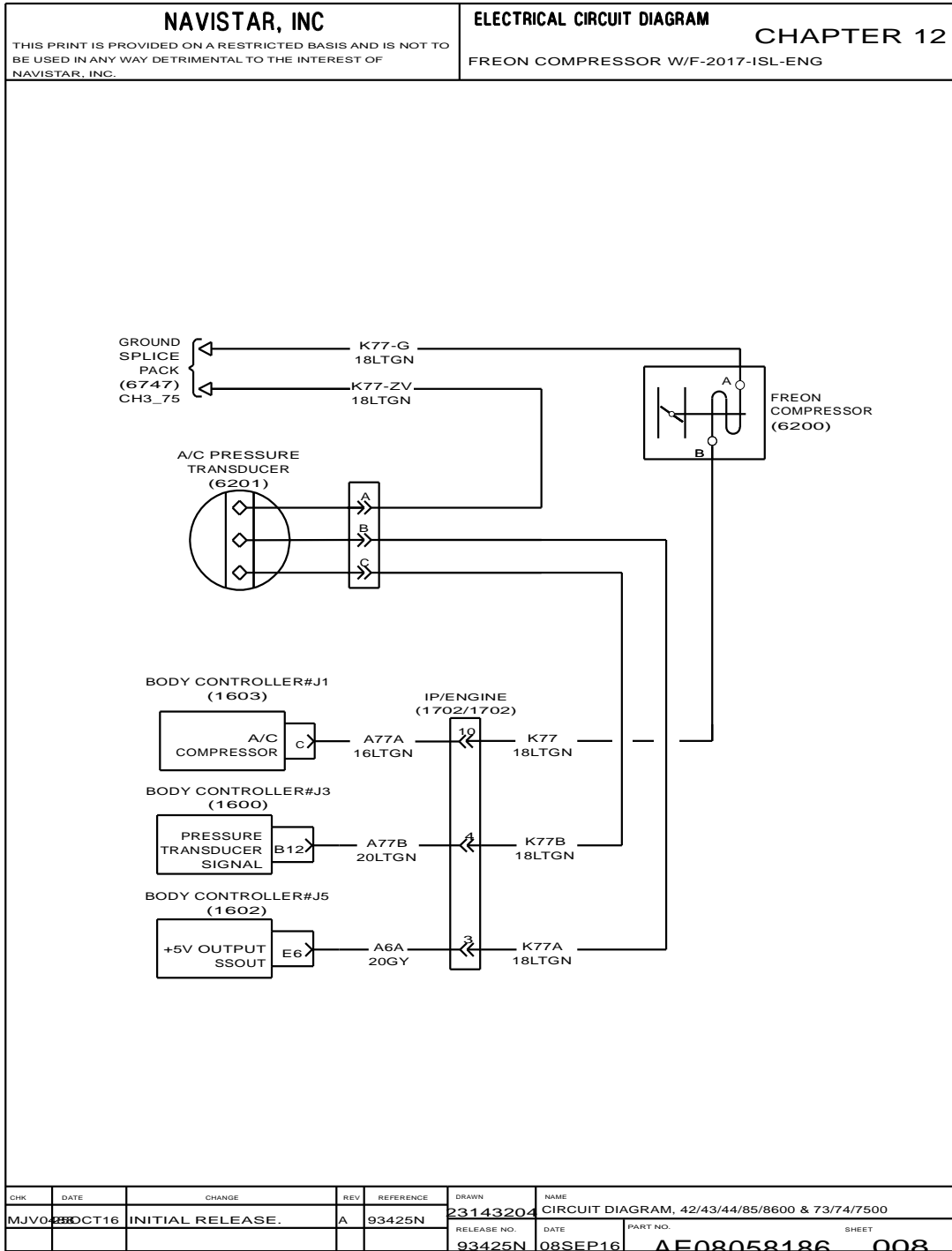


Figure 674 Freon Compressor with F-2017 ISL Engine

CONNECTOR COMPOSITES (CHAPTER 13)

13.1. CONNECTOR COMPOSITES (1), (1A), (1C), (*1F), P. 1

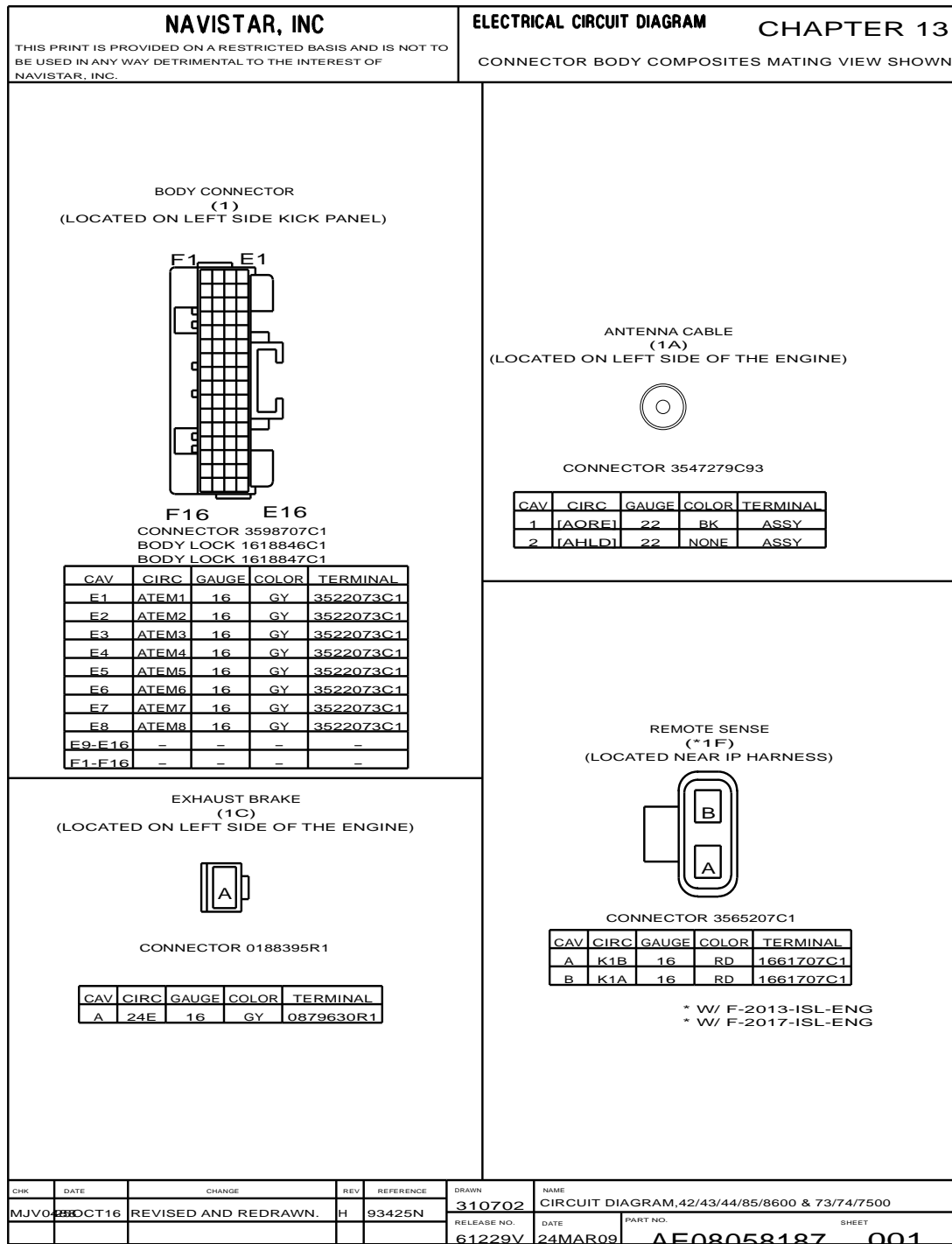


Figure 675 Connector Composites (1), (1A), (1C), (*1F)

13.2. CONNECTOR COMPOSITES (2A), (3A), (4A), (18A), (19A), P. 1A

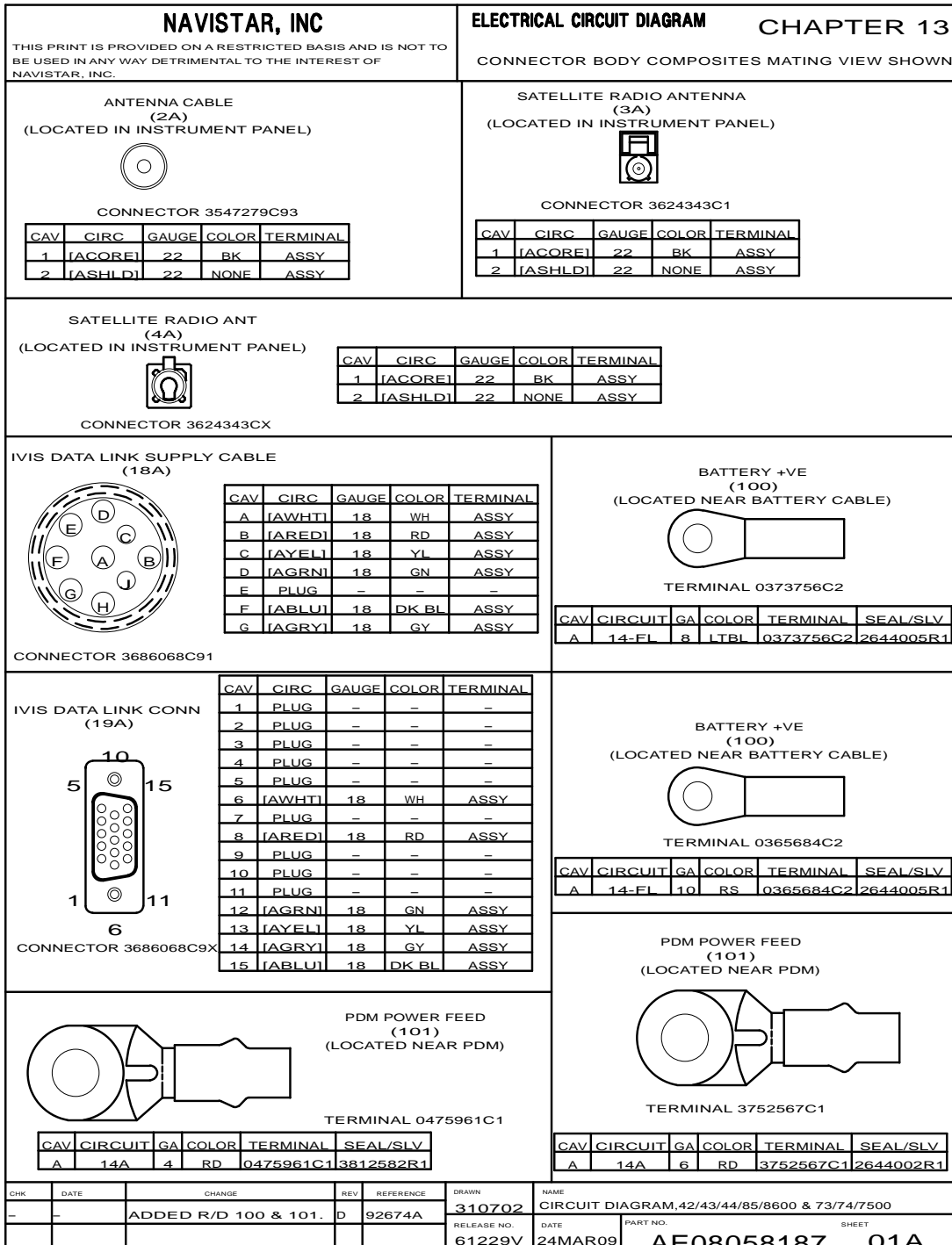


Figure 676 Connector Composites (2A), (3A), (4A), (18A), (19A)

13.3. CONNECTOR COMPOSITES (254F), (254M), (304), (317), P. 2

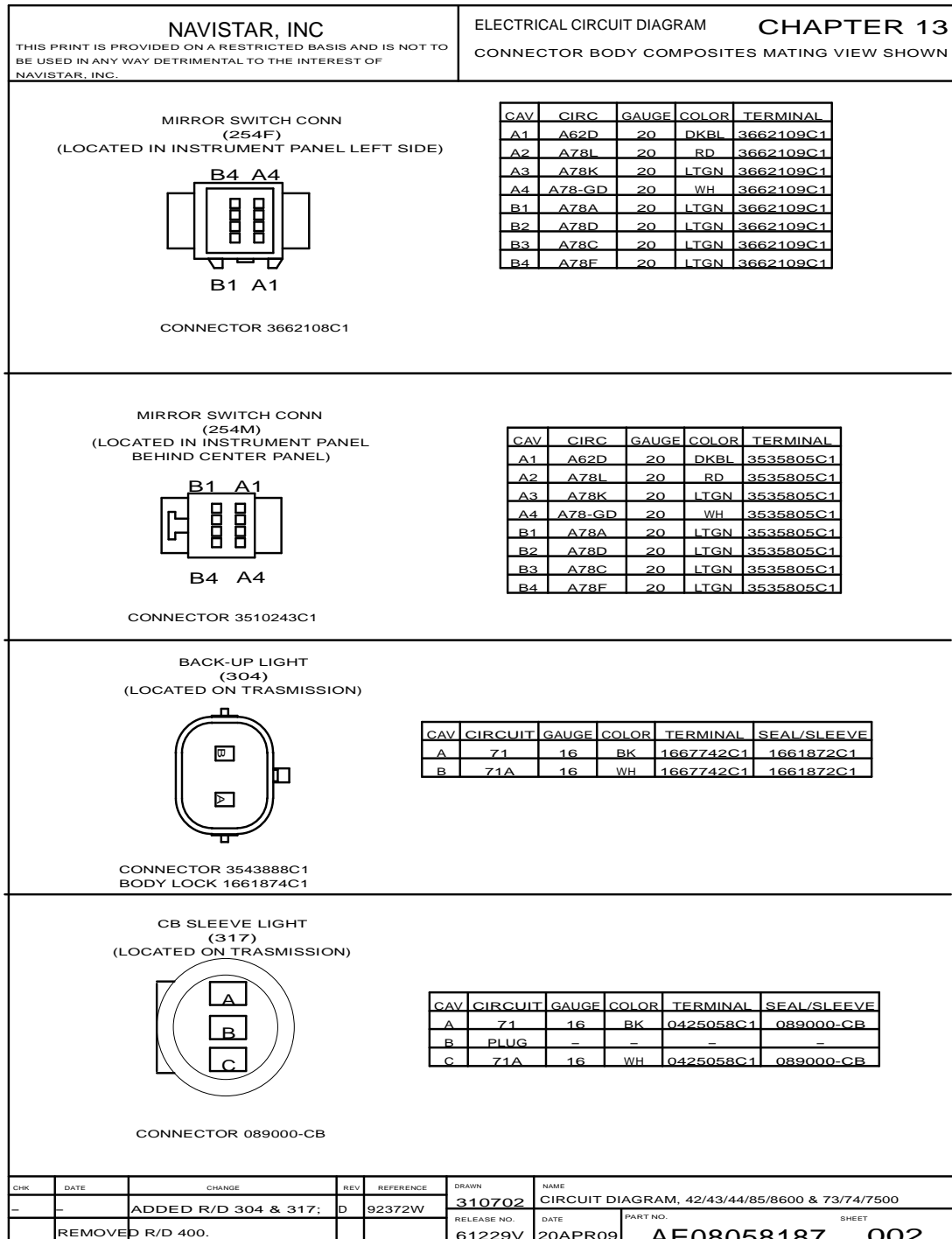


Figure 677 Connector Composites (254F), (254M), (304), (317)

13.4. CONNECTOR COMPOSITES (400), (411M1), (421), (422), P. 3

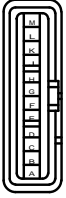

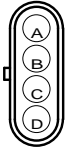
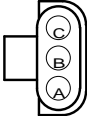
NAVISTAR, INC		ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																																									
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.		CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																																																																																											
<p style="text-align: center;">TURN SIGNAL ADAPTER (400) (LOCATED ON MODULE BRACKET)</p>  <p style="text-align: center;">CONNECTOR 3543733C1 BODY LOCK 3543732C1</p> <p style="text-align: center;">* MUTUALLY EXCLUSIVE # W/ LIFT AXLE</p>		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A*</td><td>A57E</td><td>16</td><td>LTGN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>A*</td><td>A57A</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>B*</td><td>A57D</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>B*</td><td>A57D</td><td>16</td><td>LTGN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>C</td><td>A57BC</td><td>16</td><td>LTGN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>D</td><td>A57R</td><td>16</td><td>LTGN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>E*</td><td>A56E</td><td>16</td><td>YL</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>E*</td><td>A56A</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>F*</td><td>A56D</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>F*</td><td>A56D</td><td>16</td><td>YL</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>G</td><td>A56BC</td><td>16</td><td>YL</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>H</td><td>A56R</td><td>16</td><td>YL</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>J</td><td>A71AB</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>K*</td><td>A71BA</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>K*</td><td>A71A</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>L*</td><td>A67H</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>L#</td><td>A71P</td><td>18</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>L*</td><td>A71N</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>M</td><td>A71D</td><td>18</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	A57E	16	LTGN	3535303C1	3535424C1	A*	A57A	16	OR	3535303C1	3535424C1	B*	A57D	16	OR	3535303C1	3535424C1	B*	A57D	16	LTGN	3535303C1	3535424C1	C	A57BC	16	LTGN	3535303C1	3535424C1	D	A57R	16	LTGN	3535303C1	3535424C1	E*	A56E	16	YL	3535303C1	3535424C1	E*	A56A	16	OR	3535303C1	3535424C1	F*	A56D	16	OR	3535303C1	3535424C1	F*	A56D	16	YL	3535303C1	3535424C1	G	A56BC	16	YL	3535303C1	3535424C1	H	A56R	16	YL	3535303C1	3535424C1	J	A71AB	16	OR	3535303C1	3535424C1	K*	A71BA	16	OR	3535303C1	3535424C1	K*	A71A	16	OR	3535303C1	3535424C1	L*	A67H	18	GY	3535303C1	3535424C1	L#	A71P	18	OR	3535303C1	3535424C1	L*	A71N	16	OR	3535303C1	3535424C1	M	A71D	18	OR	3535303C1	3535424C1
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<p style="text-align: center;">REMOTE POWER MODULE POSITIVE FEED (411M1) (LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p style="text-align: center;">CONNECTOR 3517760C1</p>		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N14CY</td> <td>4</td> <td>RD</td> <td>3517757C1</td> </tr> </tbody> </table>				CAV	CIRC	GAUGE	COLOR	TERMINAL	A	N14CY	4	RD	3517757C1																																																																																																														
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<p style="text-align: center;">RESISTANCE MODULE IN (421) (LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p style="text-align: center;">CONNECTOR 0587571C91</p>		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>A92RE</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr> <tr><td>B</td><td>A92RF</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr> <tr><td>C</td><td>A92RH</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr> <tr><td>D</td><td>A92RJ</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr> </tbody> </table>				CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A92RE	18	TN	0587578C1	3517771C1	B	A92RF	18	TN	0587578C1	3517771C1	C	A92RH	18	TN	0587578C1	3517771C1	D	A92RJ	18	TN	0587578C1	3517771C1																																																																																										
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<p style="text-align: center;">RESISTANCE MODULE OUT (422) (LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p style="text-align: center;">CONNECTOR 3519221C91</p>		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>A92#158</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr> <tr><td>B</td><td>A92#156</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr> <tr><td>C</td><td>A92#112</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr> </tbody> </table>				CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A92#158	18	TN	0587578C1	3517771C1	B	A92#156	18	TN	0587578C1	3517771C1	C	A92#112	18	TN	0587578C1	3517771C1																																																																																																
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0488	25JUN14	ADDED R/D 411M1.	E	92603H	310702	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																																																																							
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61229V		20APR09		AE08058187		003																																																																																																																							

Figure 678 Connector Composites (400), (411M1), (421), (422)

13.5. CONNECTOR COMPOSITES (422F), (423), (424), (425), (500), P. 3A

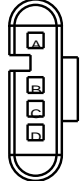
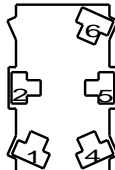
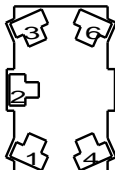
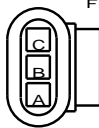
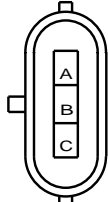
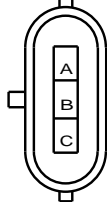
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																													
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																																																																															
 <p>LCT T-HANDLE SHIFTER (422F) (LOCATED IN INSTRUMENT PANEL)</p> <p>CONNECTOR 3540756C1 BODY LOCK 3540758C1</p>				 <p>RETARDER REQUEST SWITCH (423) (LOCATED IN INSTRUMENT PANEL CENTER)</p> <p>CONNECTOR 1673743C1</p>																																																																																																															
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Figure 679 Connector Composites (422F), (423), (424), (425), (500)

13.6. CONNECTOR COMPOSITES (500), (600), (608), (662), (663), P. 3B

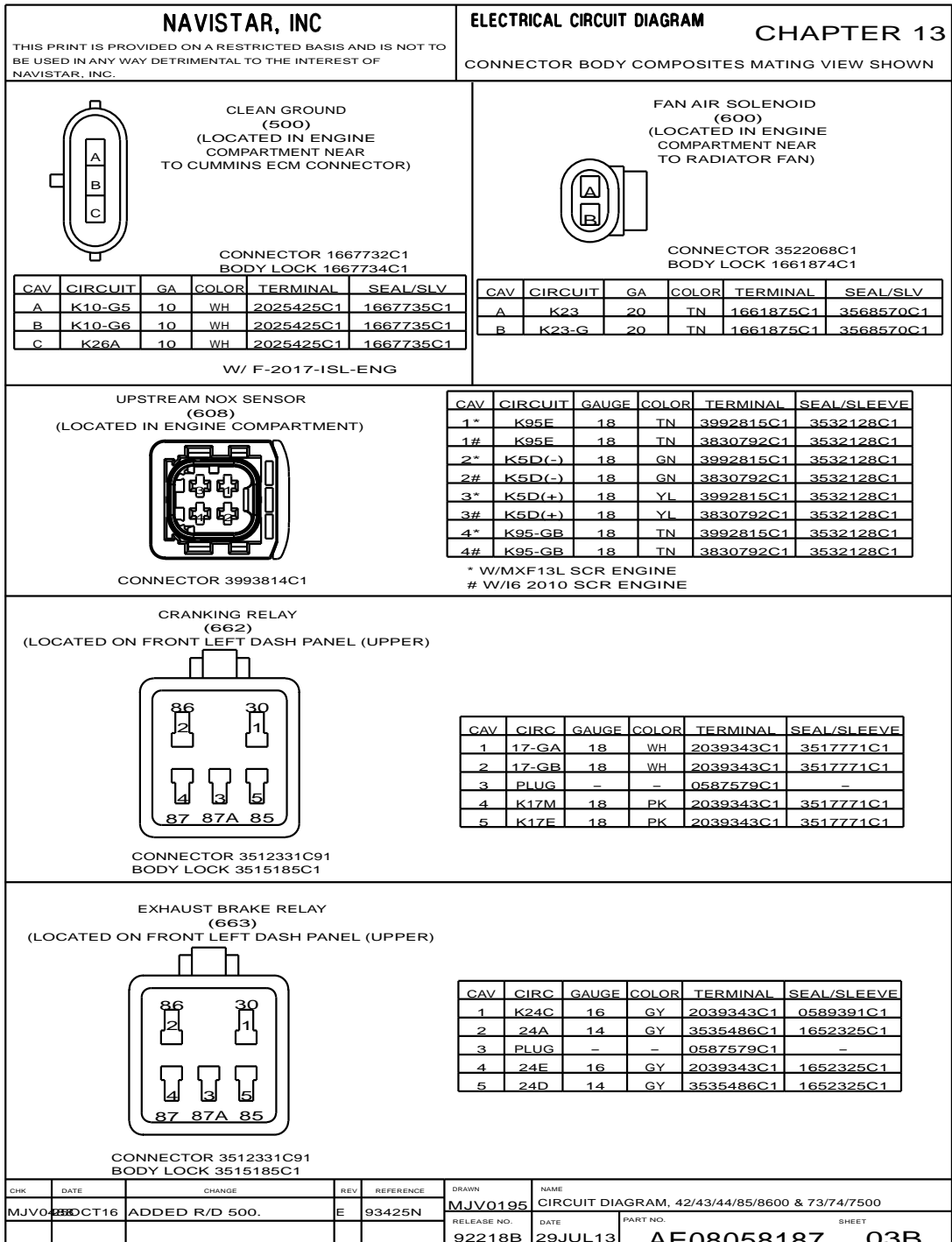


Figure 680 Connector Composites (500), (600), (608), (662), (663)

13.7. CONNECTOR COMPOSITES (663R), (664), (670), P. 3C

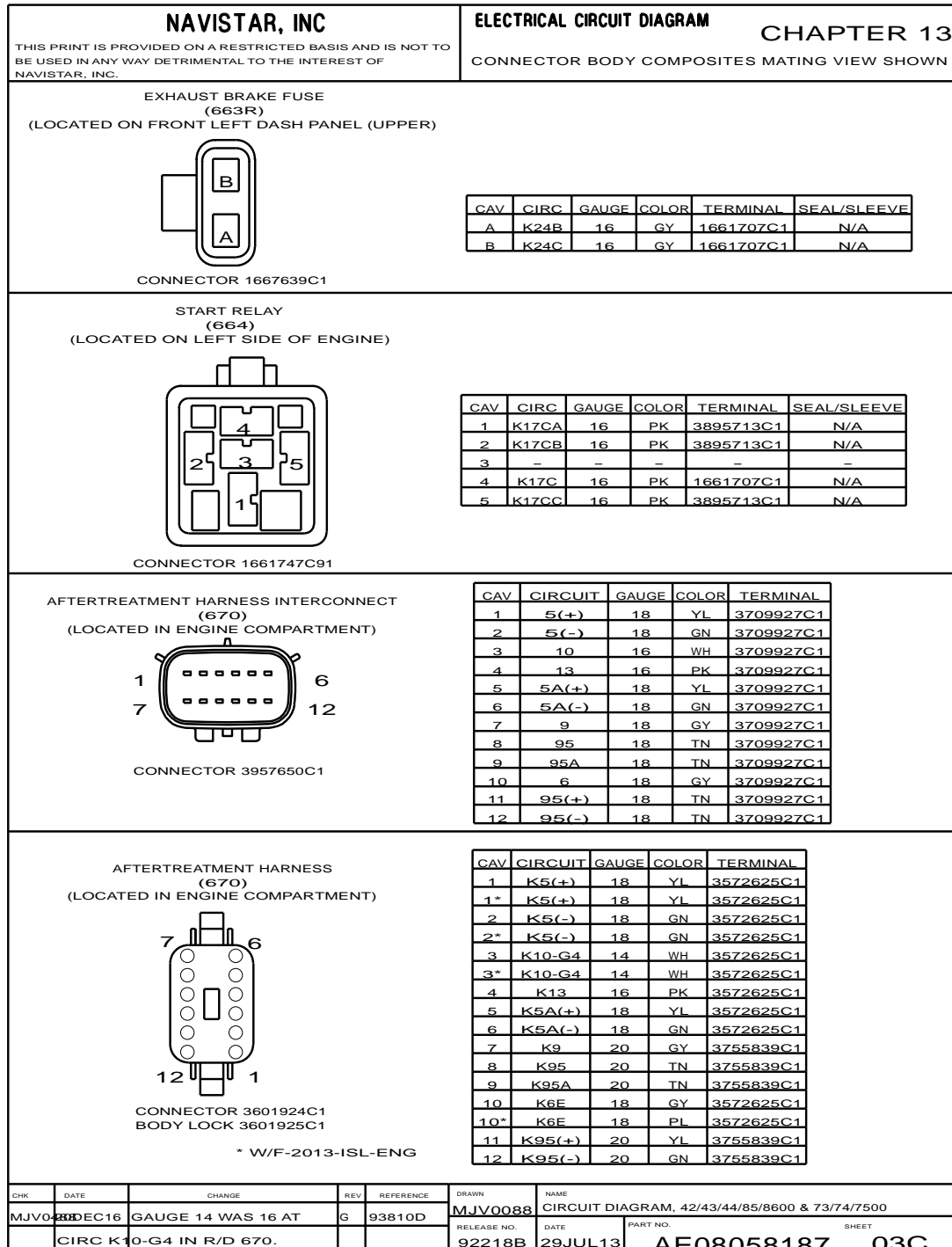


Figure 681 Connector Composites (663R), (664), (670)

13.8. CONNECTOR COMPOSITES (670), (670A), (671), P. 3D

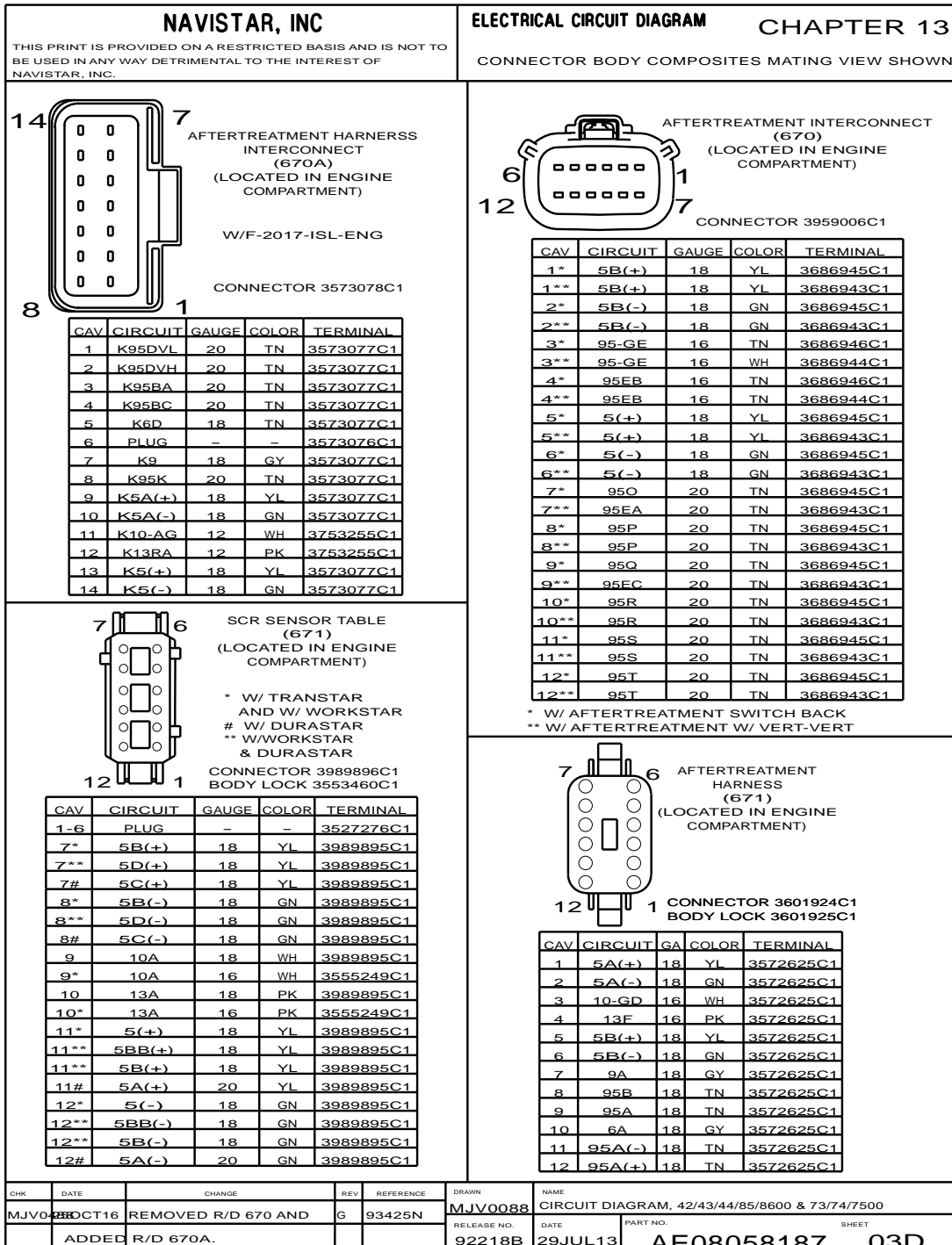


Figure 682 Connector Composites (670), (670A), (671)

13.9. CONNECTOR COMPOSITES (*672), (672), (672B), (673), (674), P. 3E

<p style="text-align: center;">NAVISTAR, INC</p> <p style="font-size: small;">THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p> <div style="text-align: center;"> <p>DEF TANK HARNESS INTERCONNECT 2 (*672) (LOCATED NEAR TO XMSN CONTROL MODULE) W/ DURASTAR * W/F-2013-SL-ENG CONNECTOR 3755935C1 BODY LOCK 3755937C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>K95C</td><td>20</td><td>TN</td><td>3755839C1</td></tr> <tr><td>2</td><td>K14B</td><td>16</td><td>RD</td><td>3572625C1</td></tr> <tr><td>3</td><td>K13A</td><td>16</td><td>PK</td><td>3572625C1</td></tr> <tr><td>4</td><td>K13D</td><td>16</td><td>PK</td><td>3572625C1</td></tr> <tr><td>5</td><td>K95-GA</td><td>20</td><td>TN</td><td>3755839C1</td></tr> <tr><td>6</td><td>K5(-)</td><td>18</td><td>GN</td><td>3572625C1</td></tr> <tr><td>7</td><td>K5(+)</td><td>18</td><td>YL</td><td>3572625C1</td></tr> <tr><td>8</td><td>K14A</td><td>16</td><td>RD</td><td>3572625C1</td></tr> </tbody> </table> </div>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95C	20	TN	3755839C1	2	K14B	16	RD	3572625C1	3	K13A	16	PK	3572625C1	4	K13D	16	PK	3572625C1	5	K95-GA	20	TN	3755839C1	6	K5(-)	18	GN	3572625C1	7	K5(+)	18	YL	3572625C1	8	K14A	16	RD	3572625C1	<p style="text-align: center;">ELECTRICAL CIRCUIT DIAGRAM</p> <p style="text-align: right;">CHAPTER 13</p> <p style="font-size: x-small;">CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p> <div style="text-align: center;"> <p>15 GAL DEF TANK HARNESS INTERCONNECT 2 (672B) (LOCATED NEAR TO TRANSMISSION CONTROL MODULE)</p> <p>CONNECTOR 3755931C1 BODY LOCK 1689501C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>K95C</td><td>20</td><td>TN</td><td>3755838C1</td></tr> <tr><td>2</td><td>K14B</td><td>16</td><td>RD</td><td>3572626C1</td></tr> <tr><td>3</td><td>K13A</td><td>16</td><td>PK</td><td>3572626C1</td></tr> <tr><td>4</td><td>K13D</td><td>16</td><td>PK</td><td>3572626C1</td></tr> <tr><td>5</td><td>K95-GA</td><td>20</td><td>TN</td><td>3755838C1</td></tr> <tr><td>6</td><td>K95KA</td><td>20</td><td>TN</td><td>3755838C1</td></tr> <tr><td>7</td><td>K95KB</td><td>20</td><td>TN</td><td>3755838C1</td></tr> <tr><td>8</td><td>K14A</td><td>16</td><td>RD</td><td>3572626C1</td></tr> <tr><td>9</td><td>K9C</td><td>20</td><td>GY</td><td>3755838C1</td></tr> <tr><td>10-12</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">W/F-2013-ISL-ENG</p> </div>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95C	20	TN	3755838C1	2	K14B	16	RD	3572626C1	3	K13A	16	PK	3572626C1	4	K13D	16	PK	3572626C1	5	K95-GA	20	TN	3755838C1	6	K95KA	20	TN	3755838C1	7	K95KB	20	TN	3755838C1	8	K14A	16	RD	3572626C1	9	K9C	20	GY	3755838C1	10-12	PLUG	-	-	0453133C1																																													
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10	K13B	18	PK	3686945C1																																																																																																																																														
11	PLUG	-	-	3833742C1																																																																																																																																														
12	K95AK3	16	TN	3686946C1																																																																																																																																														
13	K95AK4	16	TN	3686946C1																																																																																																																																														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																																																														
14-15	PLUG	-	-	3833742C1																																																																																																																																														
16	K5C127	18	GN	3686945C1																																																																																																																																														
16	K5A108	18	GN	3686945C1																																																																																																																																														
16	K5A117	18	GN	3686945C1																																																																																																																																														
16*	K5TB(-)	18	GN	3686945C1																																																																																																																																														
16#	K5C108	18	GN	3686945C1																																																																																																																																														
17	K5C106	18	YL	3686945C1																																																																																																																																														
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Figure 683 Connector Composites (*672), (672), (672B), (673), (674)

13.10. CONNECTOR COMPOSITES (674), P. 3F

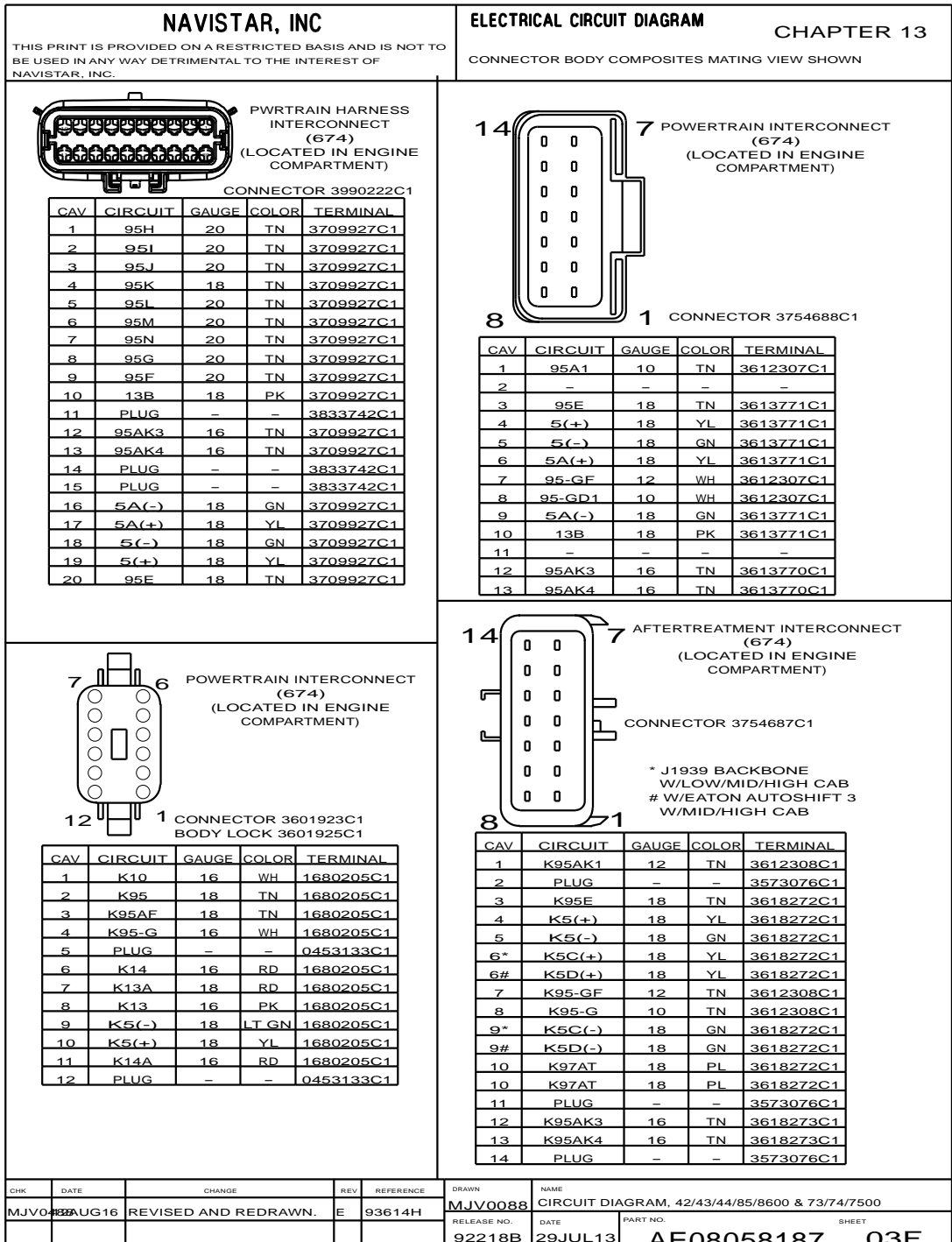


Figure 684 Connector Composites (674)

13.11. CONNECTOR COMPOSITES (674), (675), (676), P. 3G

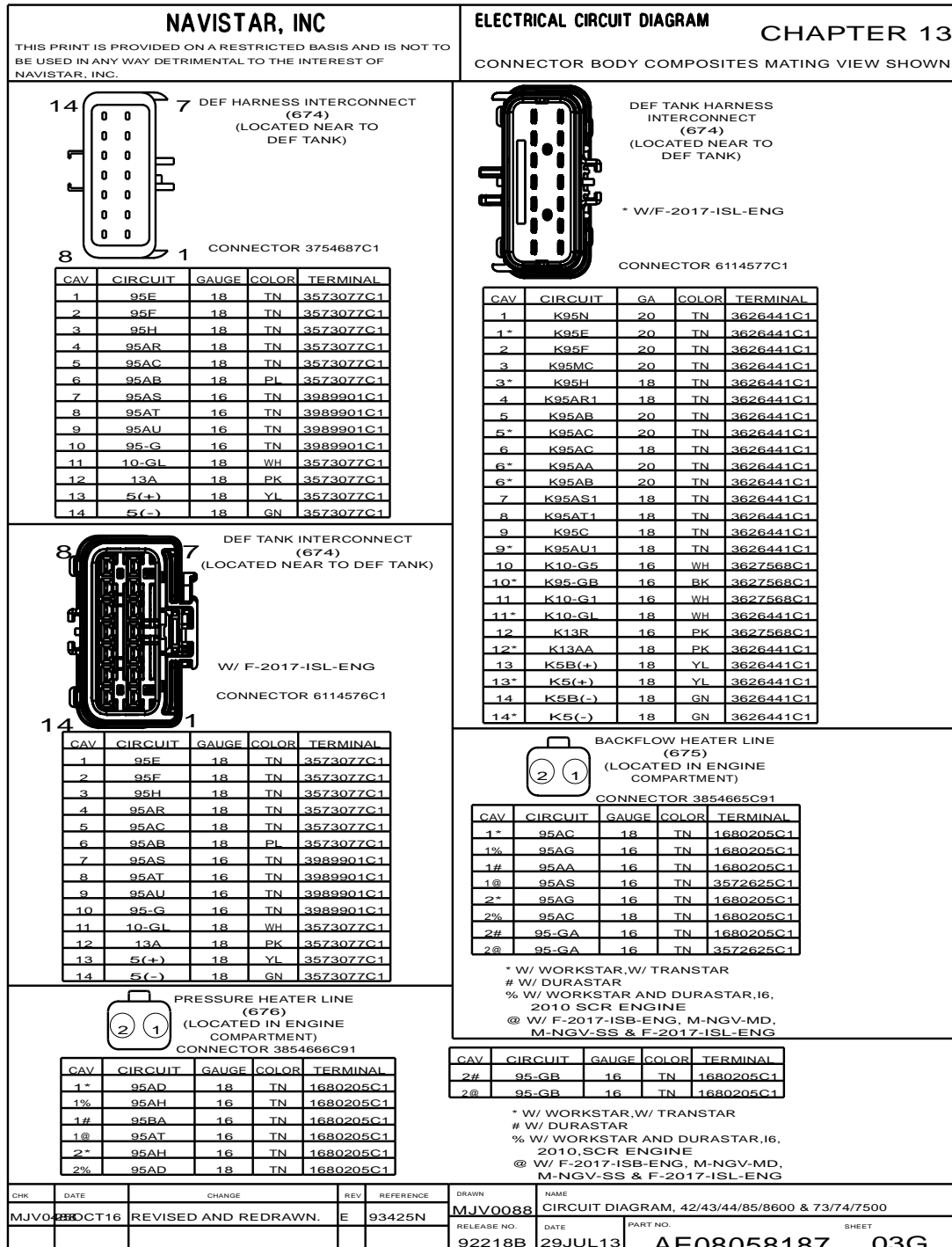


Figure 685 Connector Composites (674), (675), (676)

13.12. CONNECTOR COMPOSITES (677), (678), (679), P. 3H

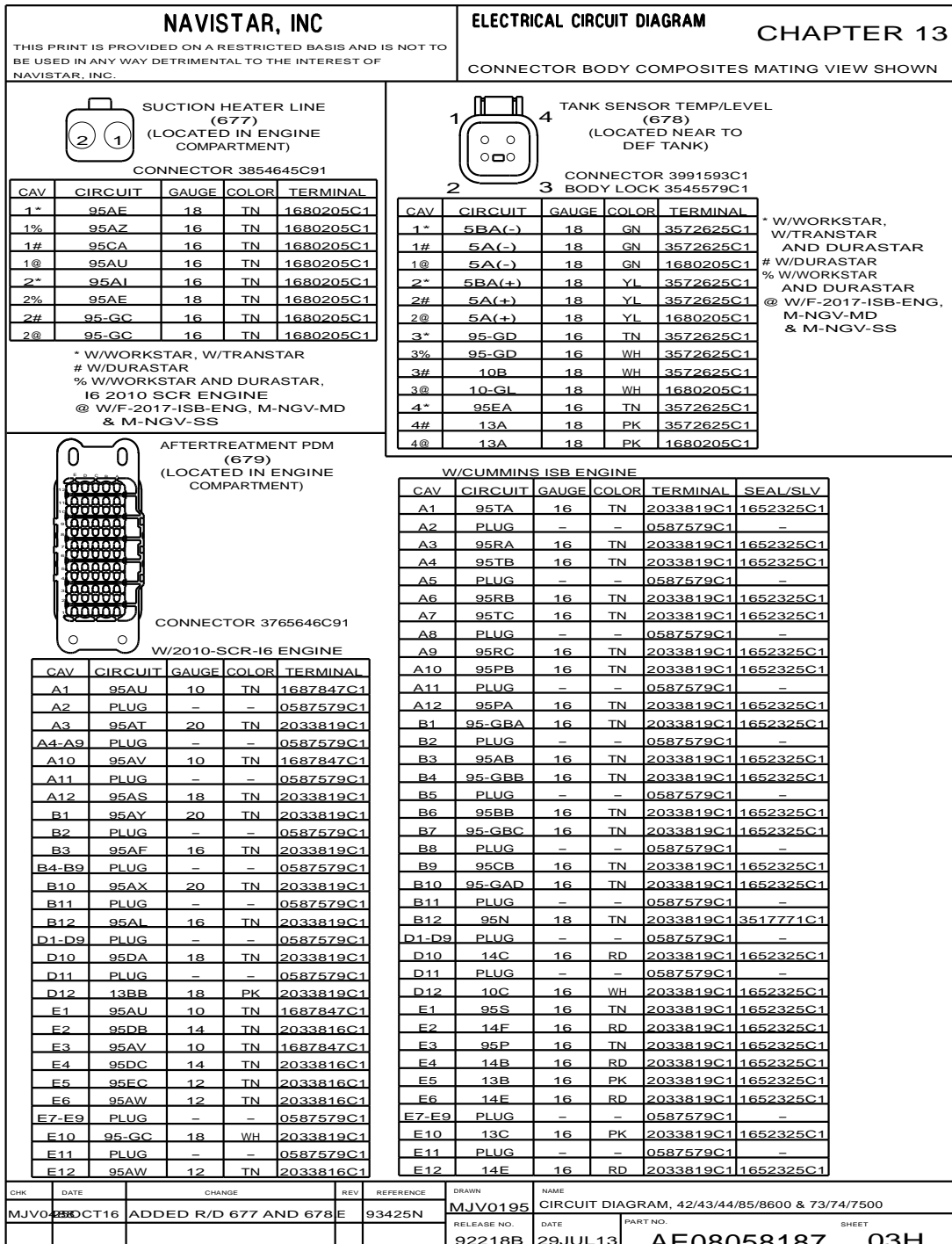


Figure 686 Connector Composites (677), (678), (679)

13.13. CONNECTOR COMPOSITES (679), P. 3I

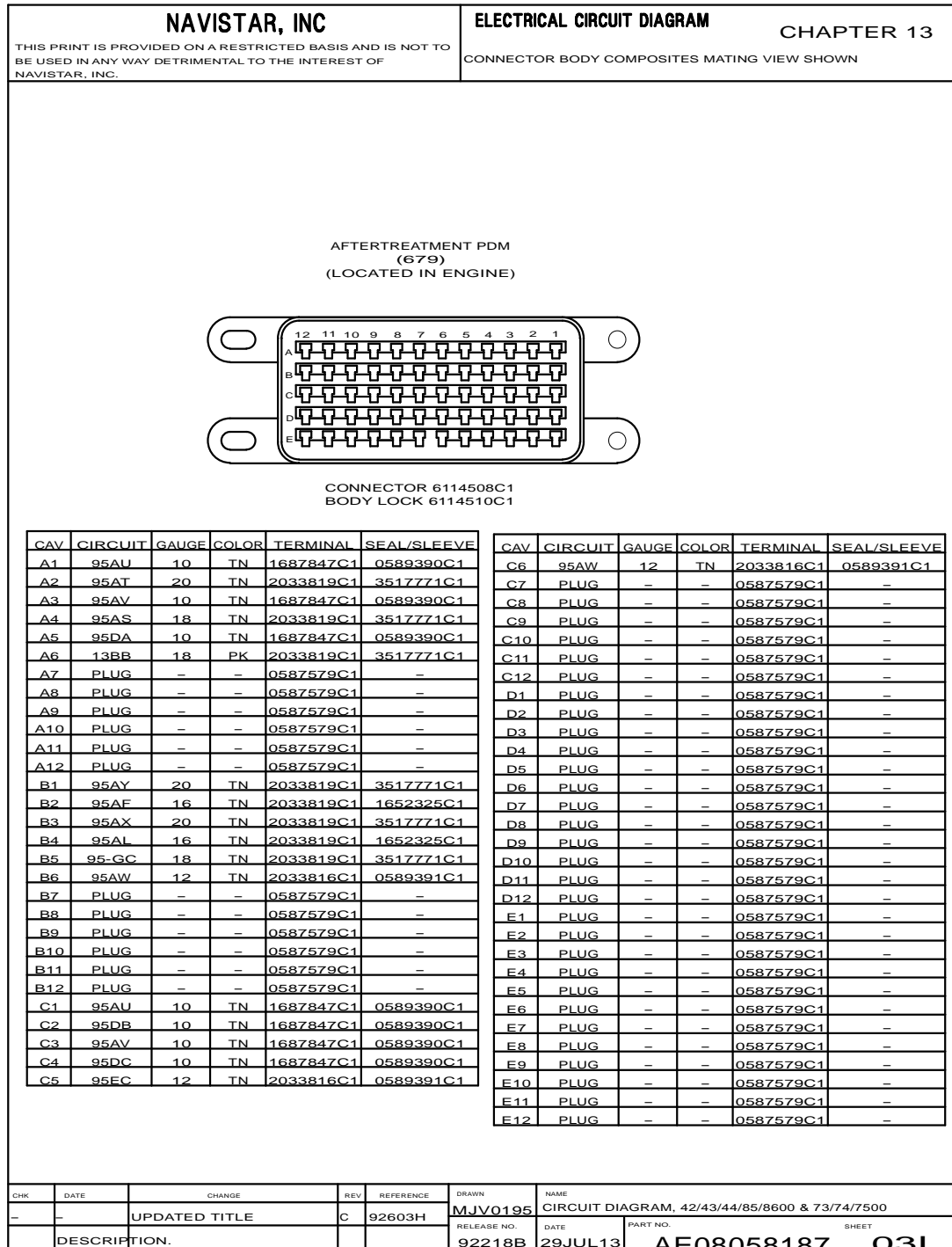


Figure 687 Connector Composites (679)

13.14. CONNECTOR COMPOSITES (679), P. 3J

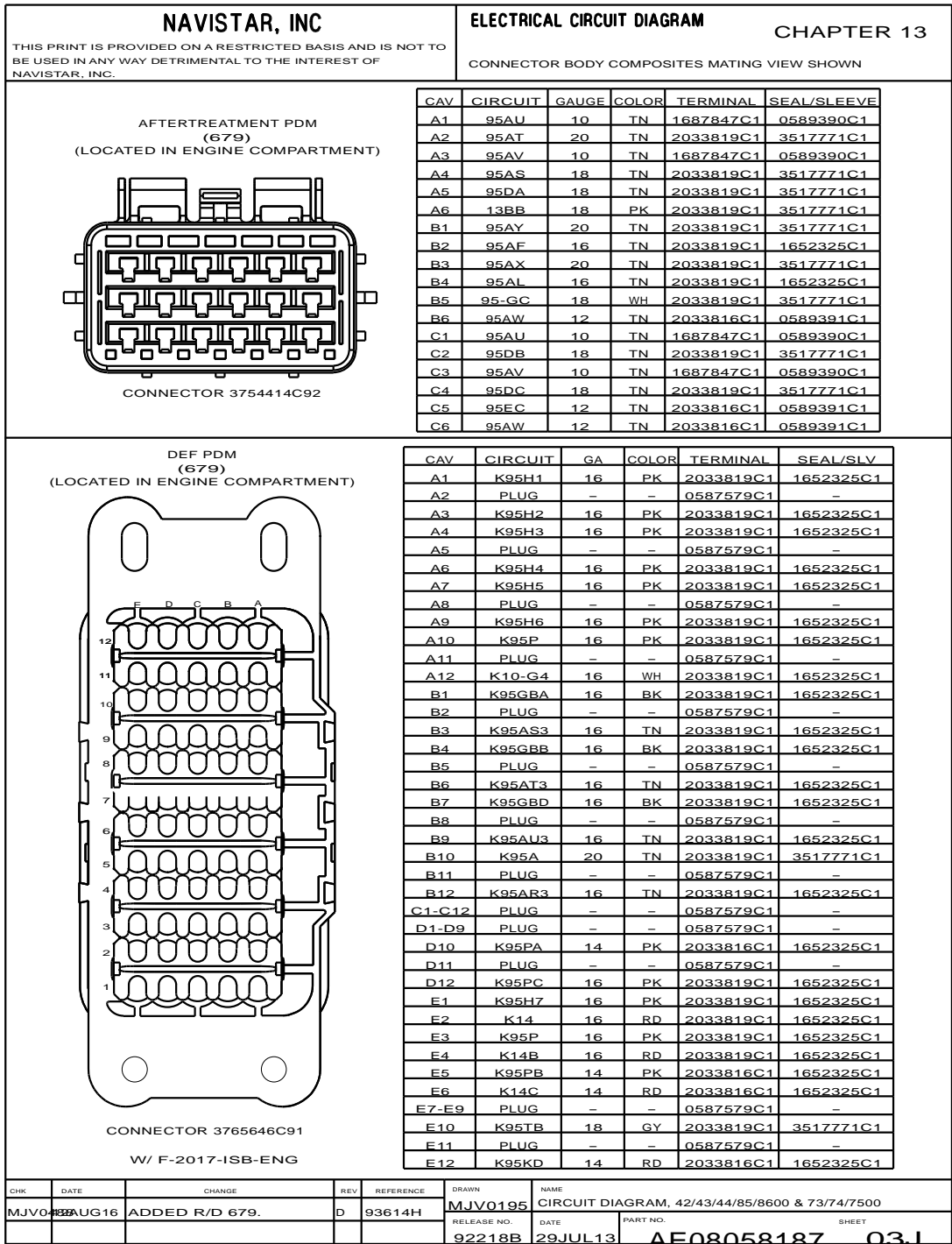


Figure 688 Connector Composites (679)

13.15. CONNECTOR COMPOSITES (680), (*680), (681), P. 3K

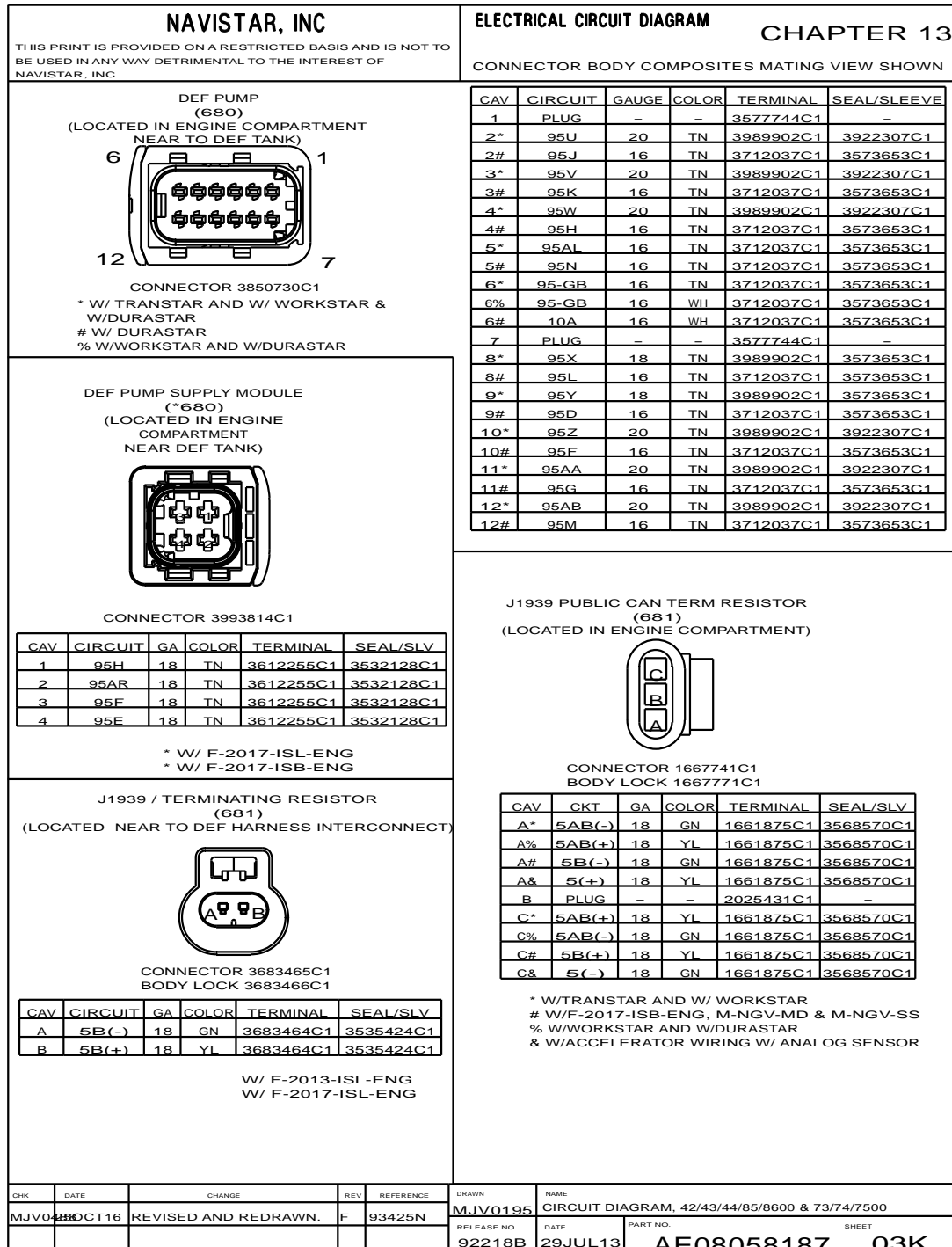


Figure 689 Connector Composites (680), (*680), (681)

13.16. CONNECTOR COMPOSITES (685), P. 3L

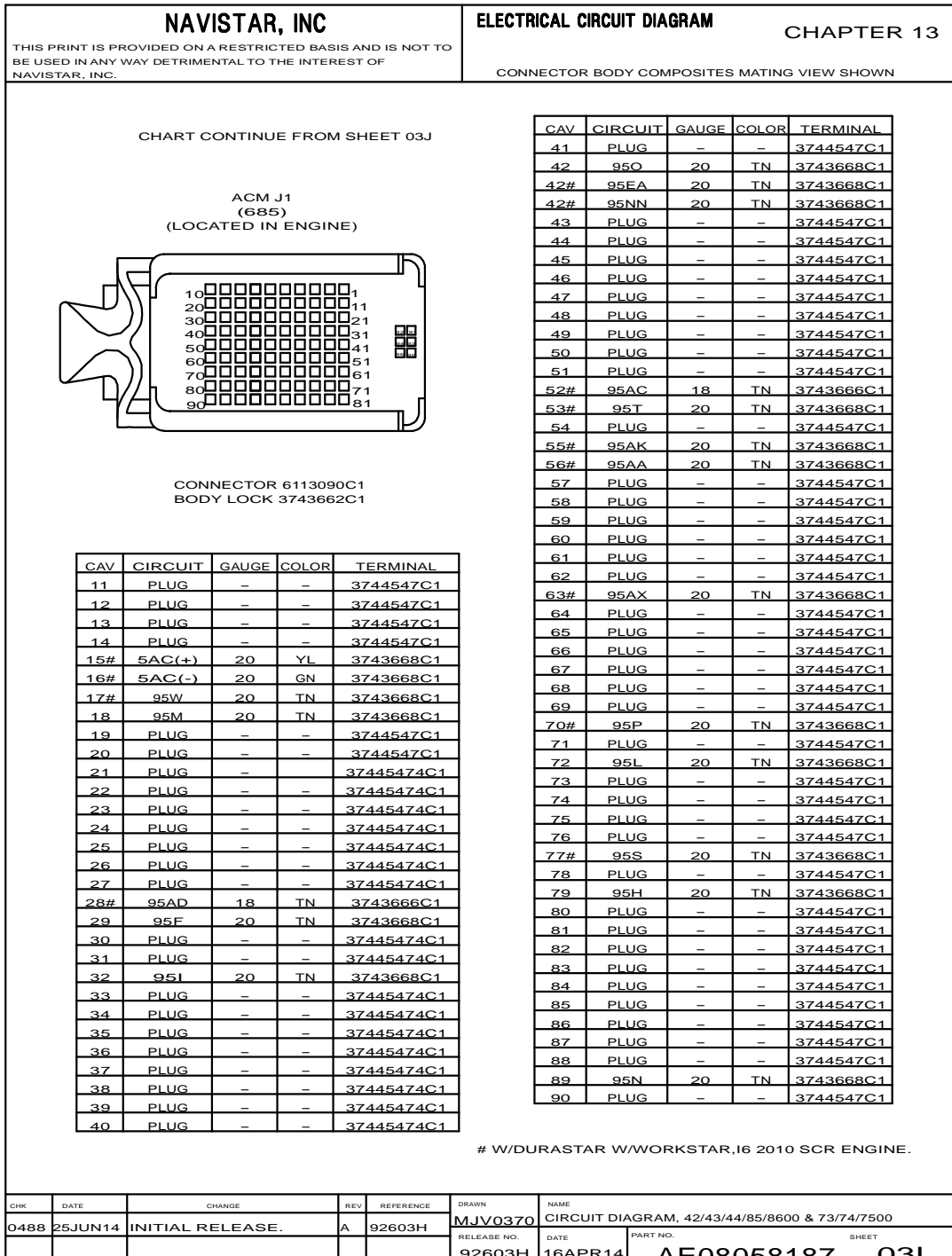


Figure 690 Connector Composites (685)

13.17. CONNECTOR COMPOSITES (686), P. 3M

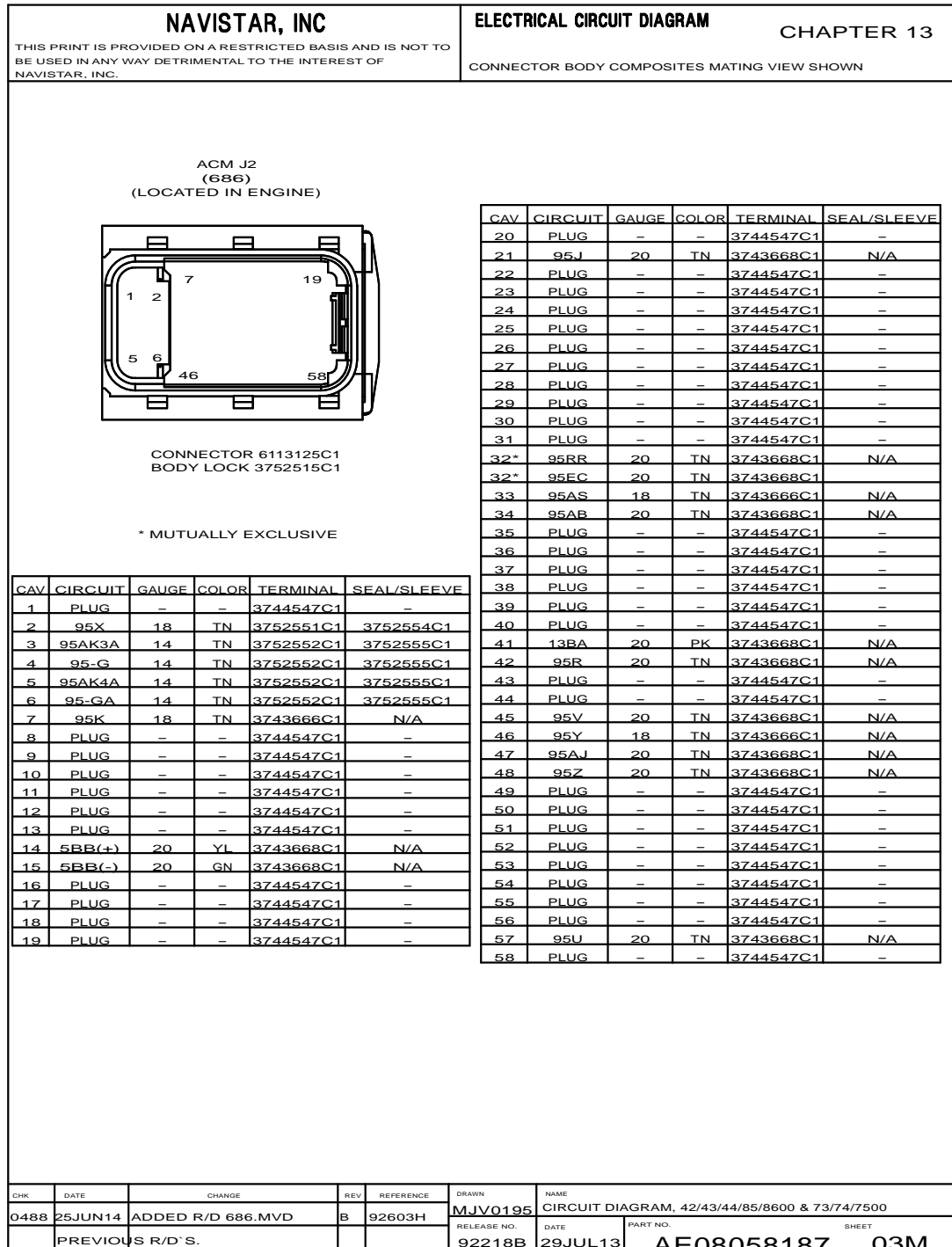


Figure 691 Connector Composites (686)

13.18. CONNECTOR COMPOSITES (687), P. 3N

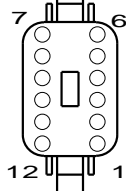
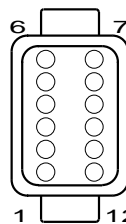
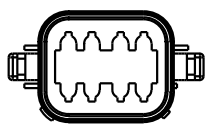
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																																																																																								
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<p>DEF TANK HARNESS INTERCONNECT 1 (687) (LOCATED ON ENGINE)</p>  <p>CONNECTOR 3601923C1 BODY LOCK 3601925C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>K95D</td><td>20</td><td>TN</td><td>3755839C1</td></tr> <tr><td>2</td><td>K95E</td><td>20</td><td>TN</td><td>3755839C1</td></tr> <tr><td>3</td><td>K95F</td><td>20</td><td>TN</td><td>3755839C1</td></tr> <tr><td>4</td><td>K10-G3</td><td>16</td><td>BK</td><td>3572625C1</td></tr> <tr><td>4</td><td>K10-G3</td><td>16</td><td>WH</td><td>3572625C1</td></tr> <tr><td>5</td><td>K95G</td><td>20</td><td>TN</td><td>3755839C1</td></tr> <tr><td>6</td><td>K95-GB</td><td>16</td><td>TN</td><td>3572625C1</td></tr> <tr><td>7</td><td>K95H</td><td>18</td><td>TN</td><td>3572625C1</td></tr> <tr><td>8</td><td>K6F</td><td>18</td><td>GY</td><td>3572625C1</td></tr> <tr><td>8</td><td>K6E</td><td>18</td><td>PL</td><td>3572625C1</td></tr> <tr><td>8*</td><td>K6F</td><td>18</td><td>PL</td><td>3572625C1</td></tr> <tr><td>9</td><td>K95K</td><td>20</td><td>TN</td><td>3755839C1</td></tr> <tr><td>10</td><td>K95A1</td><td>20</td><td>TN</td><td>3755839C1</td></tr> <tr><td>11</td><td>K95M</td><td>16</td><td>TN</td><td>3572625C1</td></tr> <tr><td>12</td><td>K95B</td><td>20</td><td>TN</td><td>3755839C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">* W/F-2013-ISL-ENG</p>								CAV	CIRCUIT	GA	COLOR	TERMINAL	1	K95D	20	TN	3755839C1	2	K95E	20	TN	3755839C1	3	K95F	20	TN	3755839C1	4	K10-G3	16	BK	3572625C1	4	K10-G3	16	WH	3572625C1	5	K95G	20	TN	3755839C1	6	K95-GB	16	TN	3572625C1	7	K95H	18	TN	3572625C1	8	K6F	18	GY	3572625C1	8	K6E	18	PL	3572625C1	8*	K6F	18	PL	3572625C1	9	K95K	20	TN	3755839C1	10	K95A1	20	TN	3755839C1	11	K95M	16	TN	3572625C1	12	K95B	20	TN	3755839C1					
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					92372W	13DEC13	AE08058187	03N																																																																																								

Figure 692 Connector Composites (687)

13.19. CONNECTOR COMPOSITES (687), (687A), (689), P. 3P

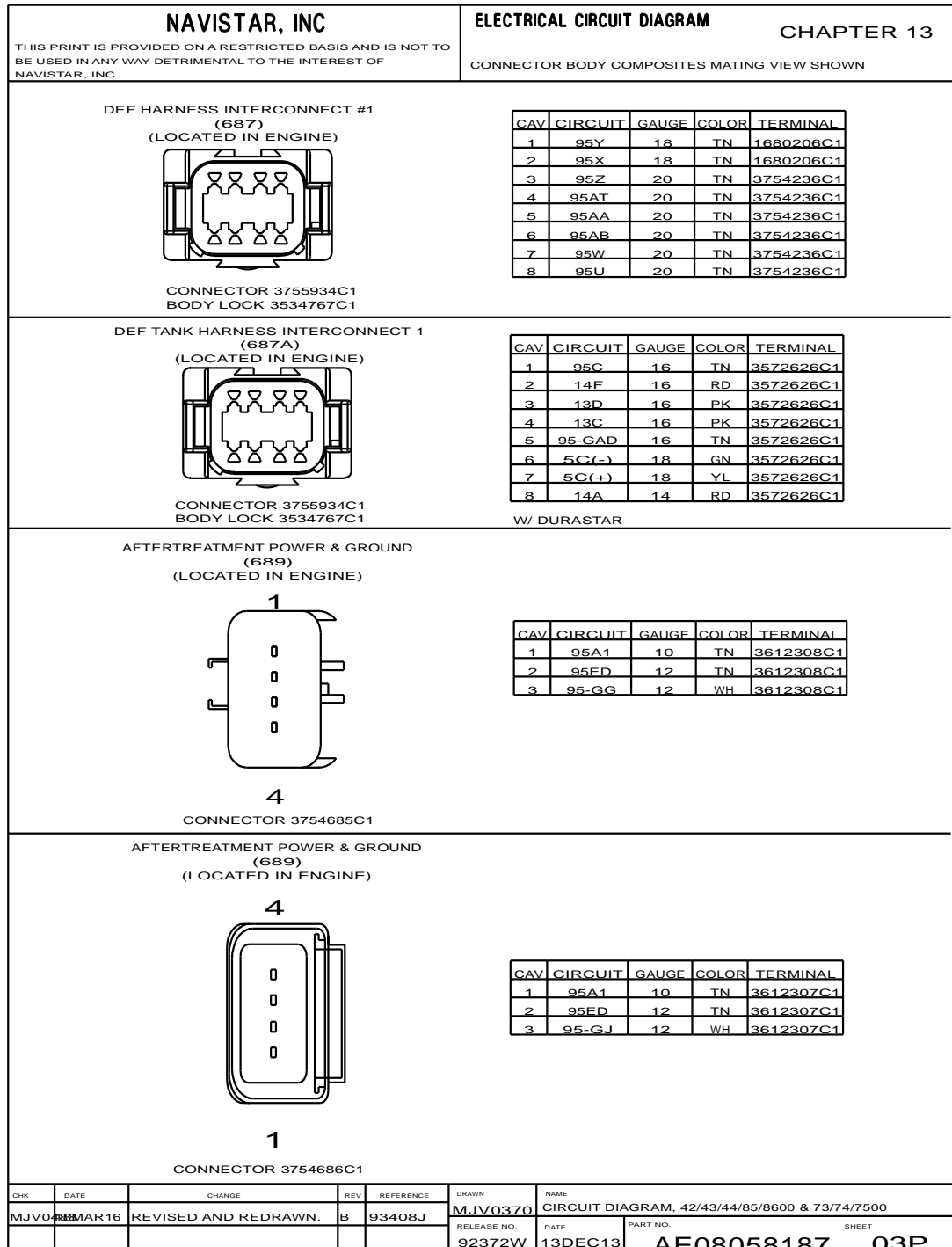


Figure 693 Connector Composites (687), (687A), (689)

13.20. CONNECTOR COMPOSITES (690), P. 3Q

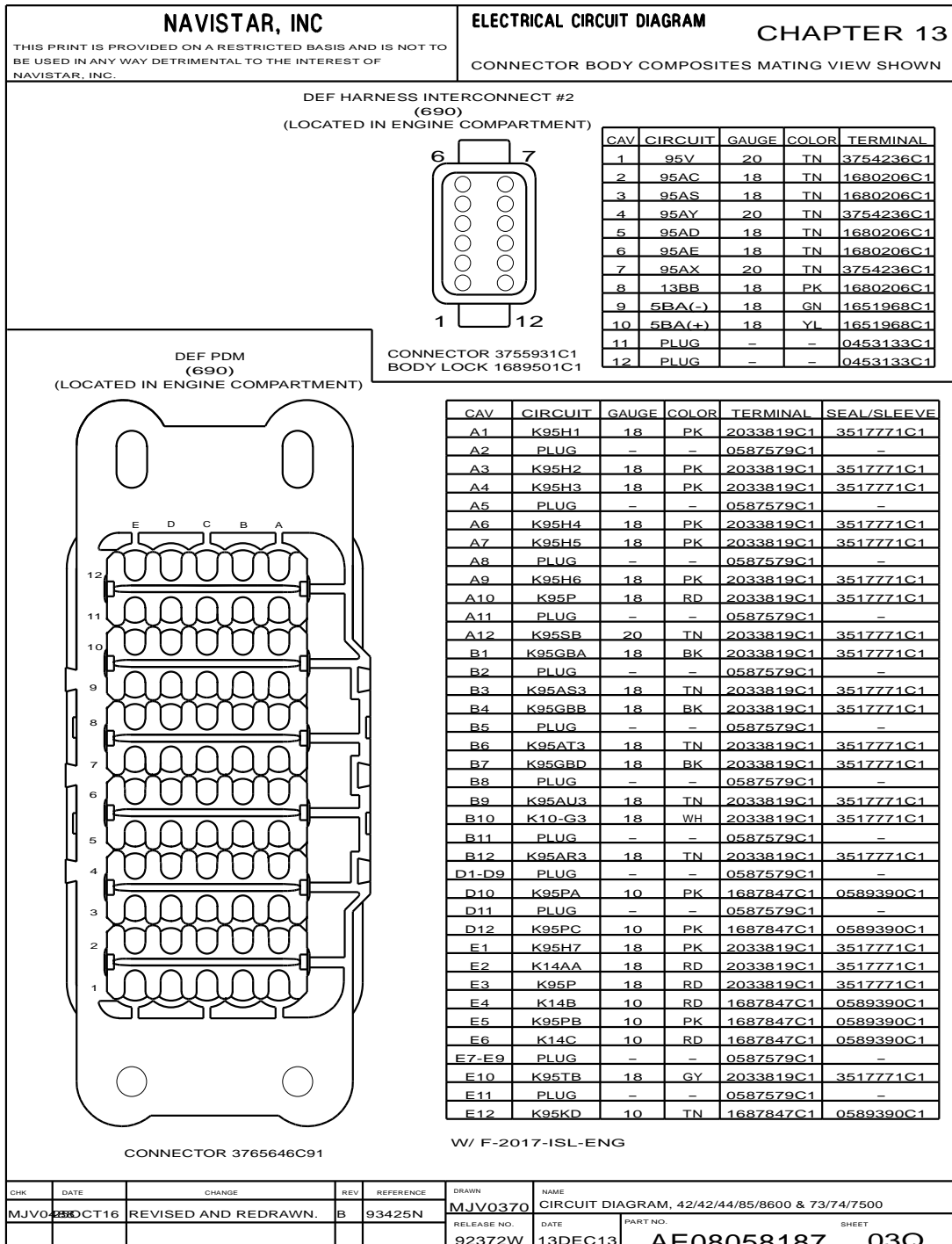


Figure 694 Connector Composites (690)

13.21. CONNECTOR COMPOSITES (690), (691), (828), P. 3R

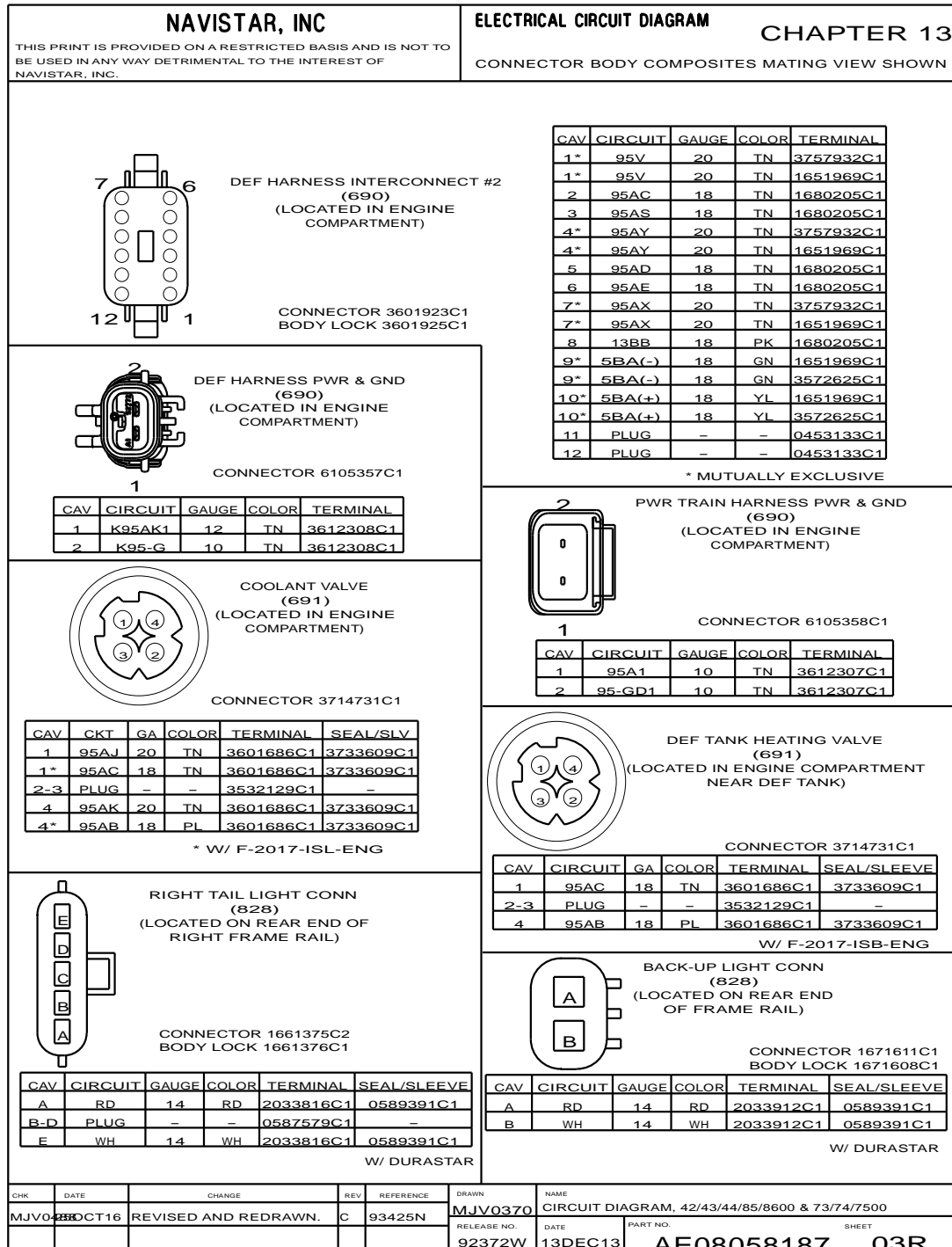


Figure 695 Connector Composites (690), (691), (828)

13.22. CONNECTOR COMPOSITES (827), (830M), P. 4

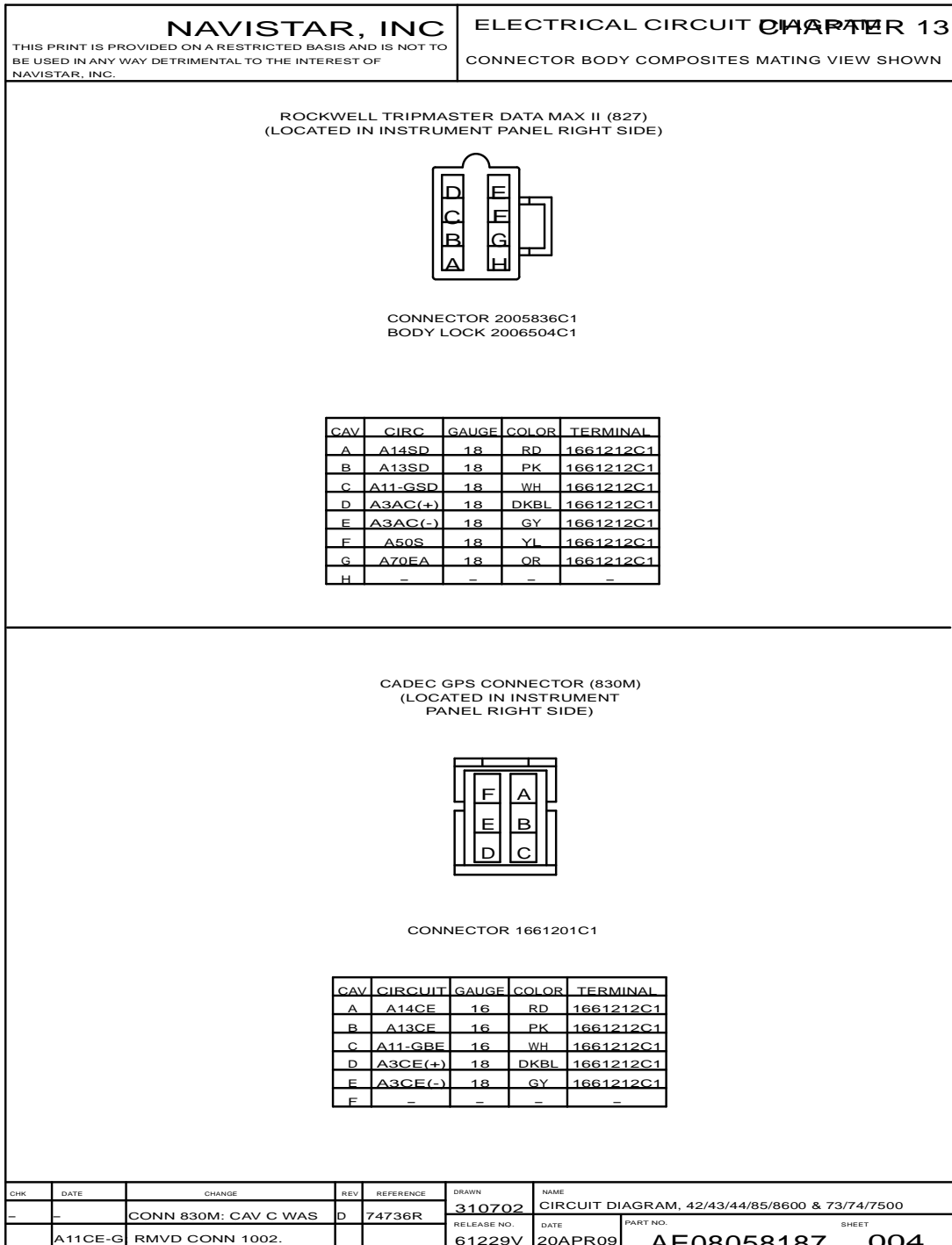


Figure 696 Connector Composites (827), (830M)

13.23. INTENTIONALLY LEFT BLANK, P. 5

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INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA1	13JUN11	REMOVED CONN 1003 &	E	74736R	310702	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
	1006.				RELEASE NO.	DATE	PART NO. SHEET
					61229V	20APR09	AE08058187 005

Figure 697 Intentionally Left Blank

13.24. CONNECTOR COMPOSITES (1004), (1007M), (1008FA), (1009F), P. 6

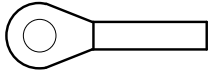


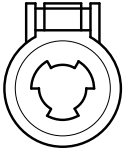
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																											
<p>NEG STUD (1004) (LOCATED NEAR INSTRUMENT PANEL)</p>  <p>TERMINAL 3549254C1</p> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A40-G</td> <td>18</td> <td>GY</td> <td>3549254C1</td> <td>2644005R1</td> </tr> </tbody> </table>												CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	A40-G	18	GY	3549254C1	2644005R1								
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																										
A	A40-G	18	GY	3549254C1	2644005R1																										
<p>LATCHING RELAY (1007M) (LOCATED AT BELOW DASH BOARD ON ENGINE COVER)</p>  <p>CONNECTOR 1661889C1 BODY LOCK 1661890C1</p> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A14LB</td> <td>18</td> <td>RD</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A14-GAC</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> <tr> <td>C</td> <td>A14LA</td> <td>18</td> <td>RD</td> <td>1661261C1</td> </tr> </tbody> </table>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A14LB	18	RD	1661261C1	B	A14-GAC	18	WH	1661261C1	C	A14LA	18	RD	1661261C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																											
A	A14LB	18	RD	1661261C1																											
B	A14-GAC	18	WH	1661261C1																											
C	A14LA	18	RD	1661261C1																											
<p>LOAD SHEDDING B2 STUD (1008FA) (LOCATED NEAR DASH PANEL)</p>  <p>CONNECTOR 2007311C1</p> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A14X</td> <td>6</td> <td>RD</td> <td>1621478C1</td> </tr> </tbody> </table>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A14X	6	RD	1621478C1										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																											
A	A14X	6	RD	1621478C1																											
<p>LOAD SHEDDING B1 STUD (1009F) (LOCATED NEAR DASH PANEL)</p>  <p>CONNECTOR 2007312C1</p> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A14Y</td> <td>6</td> <td>RD</td> <td>1621479C1</td> </tr> </tbody> </table>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A14Y	6	RD	1621479C1										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																											
A	A14Y	6	RD	1621479C1																											
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																									
0488	20NOV14	ADDED R/D 1004.	G	92674A	310702	CIRCUIT DIAGRAM, 42/42/44/85/8600 & 73/74/7500																									
RELEASE NO.		DATE		PART NO.		SHEET																									
20APR09		61229V		AE08058187		006																									

Figure 698 Connector Composites (1004), (1007M), (1008FA), (1009F)

13.25. CONNECTOR COMPOSITES (1010), P. 7

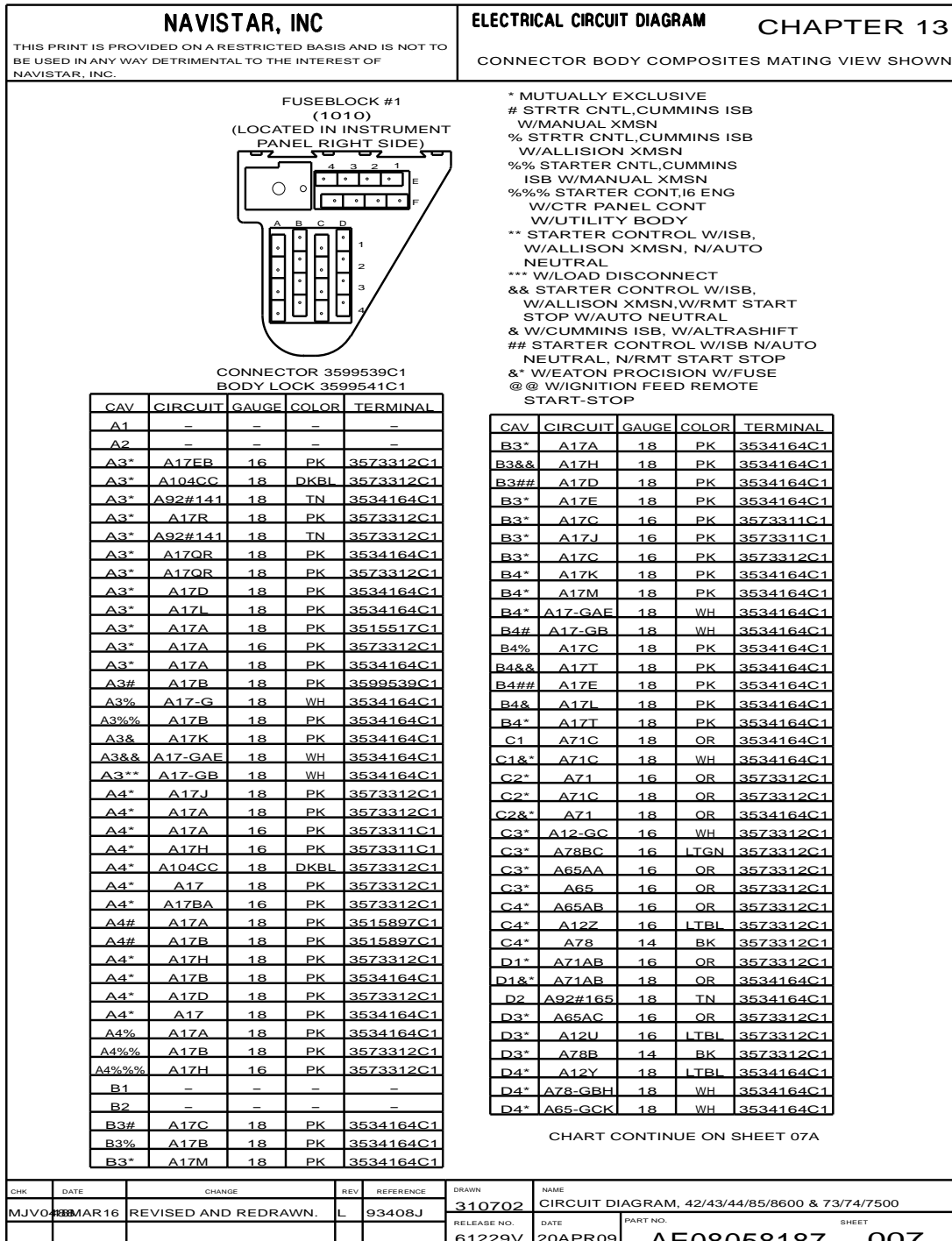


Figure 699 Connector Composites (1010)

13.26. CONNECTOR COMPOSITES (1010), P. 7A

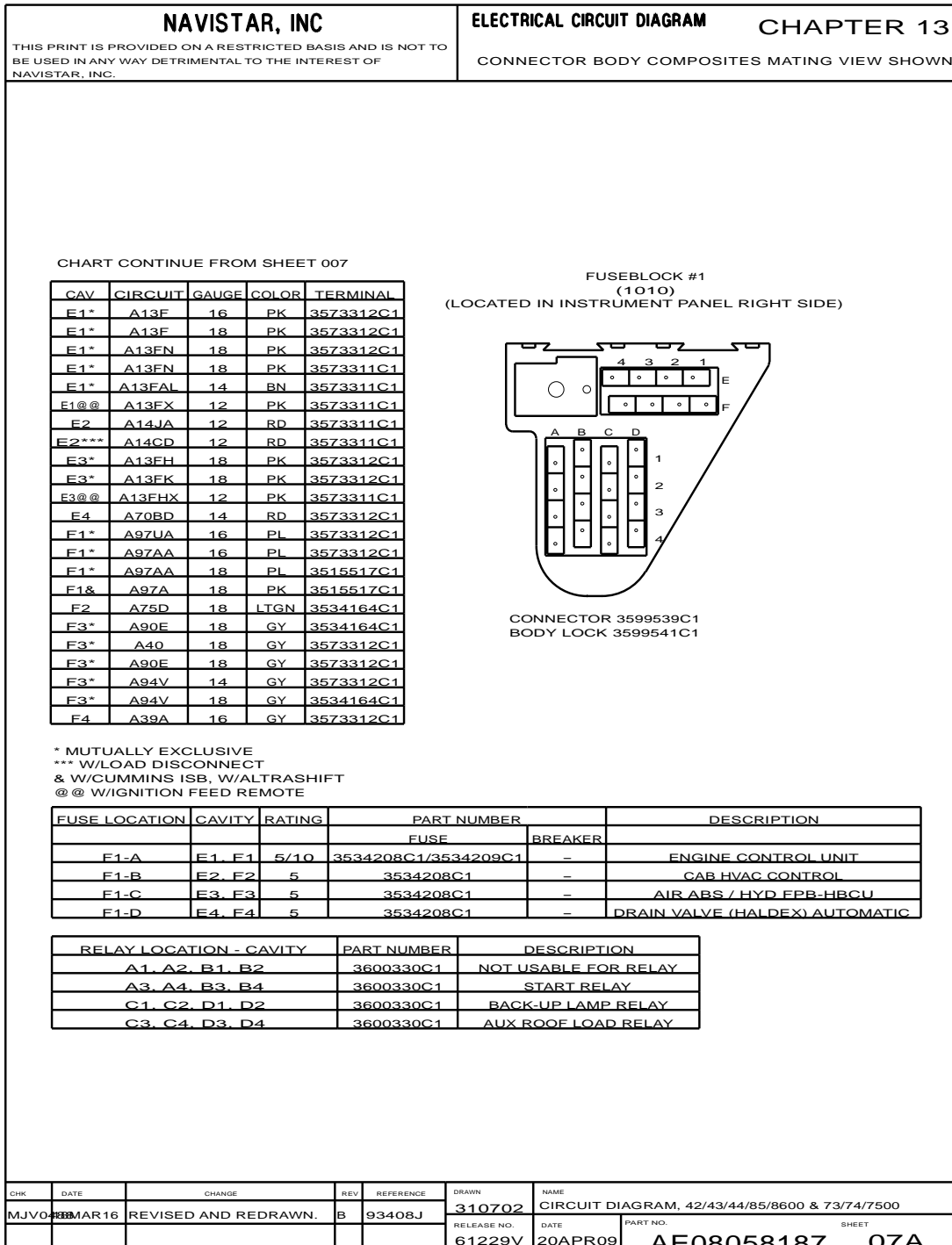


Figure 700 Connector Composites (1010)

13.27. CONNECTOR COMPOSITES (1011), P. 8

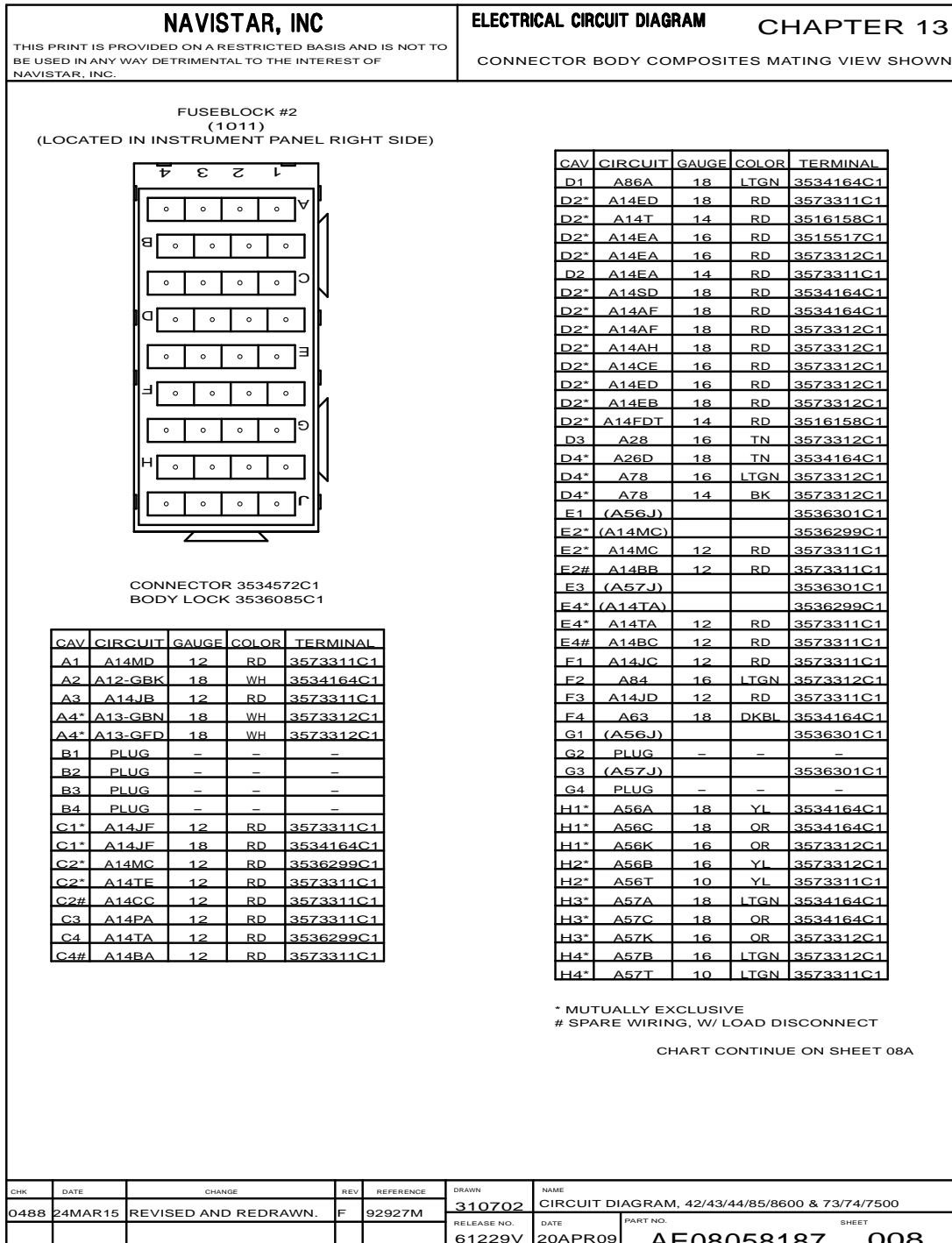


Figure 701 Connector Composites (1011)

13.28. CONNECTOR COMPOSITES (1011) (CONT.), P. 8A

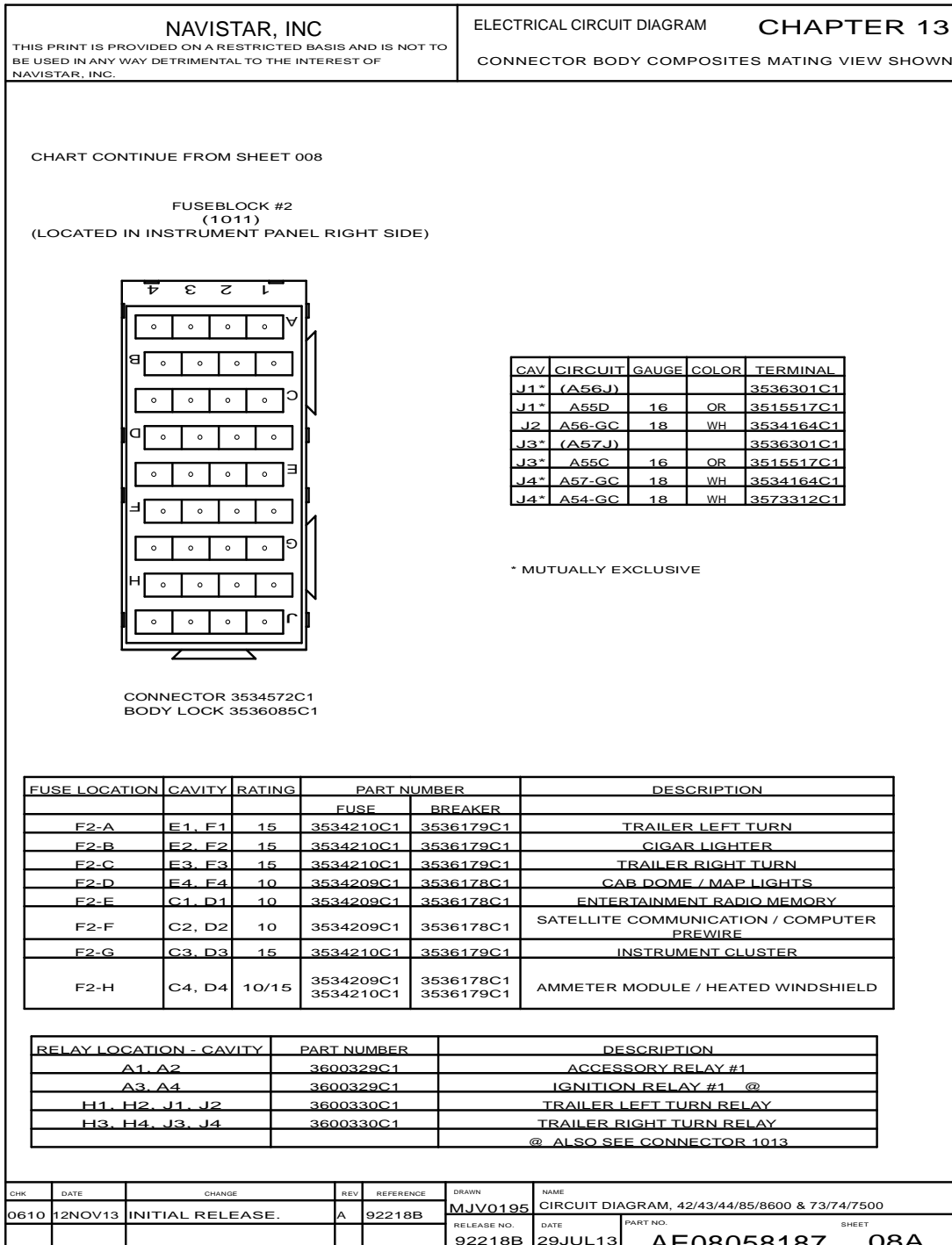


Figure 702 Connector Composites (1011) Cont.)

13.29. CONNECTOR COMPOSITES (1012), P. 9

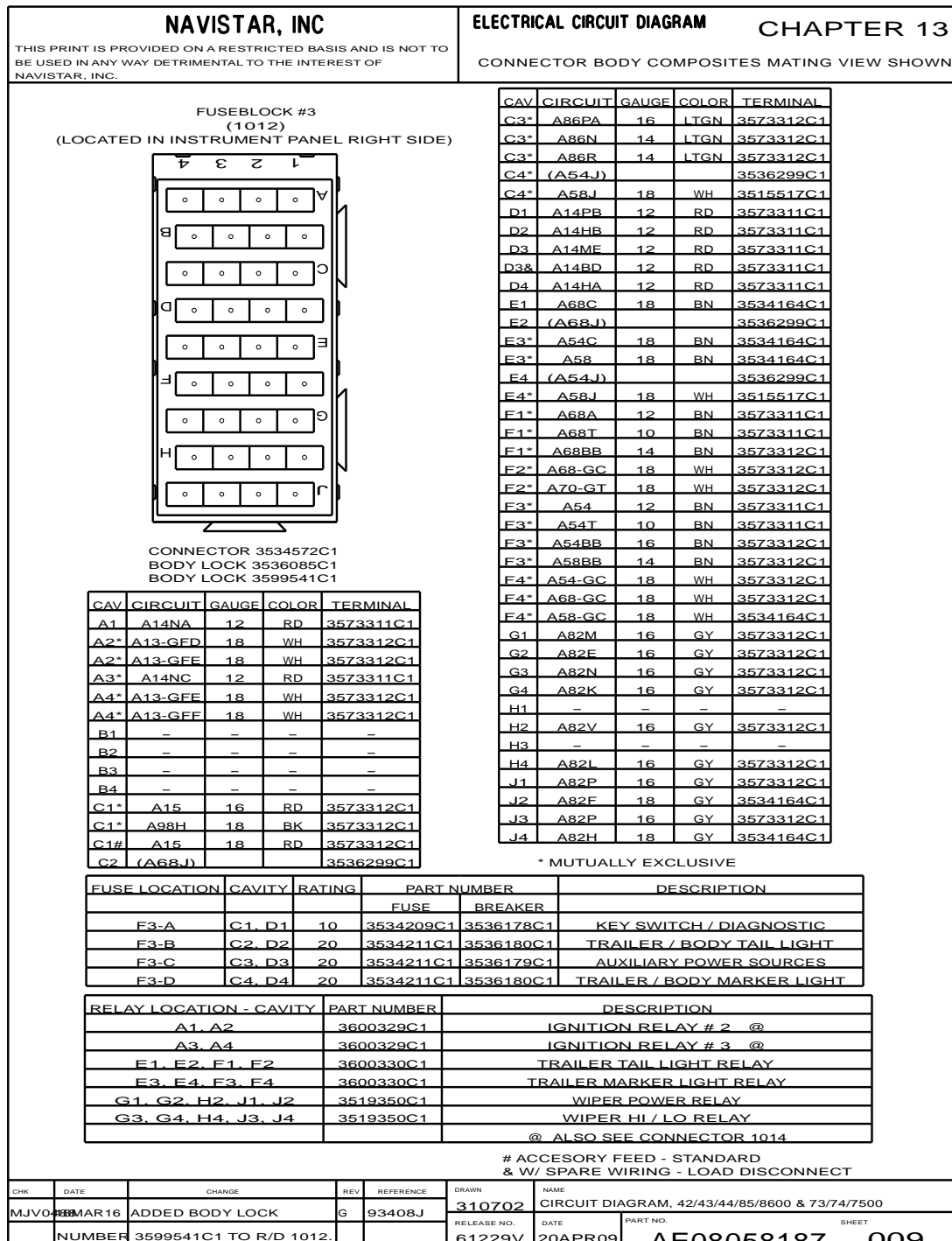


Figure 703 Connector Composites (1012)

13.30. CONNECTOR COMPOSITES (1013), P. 10

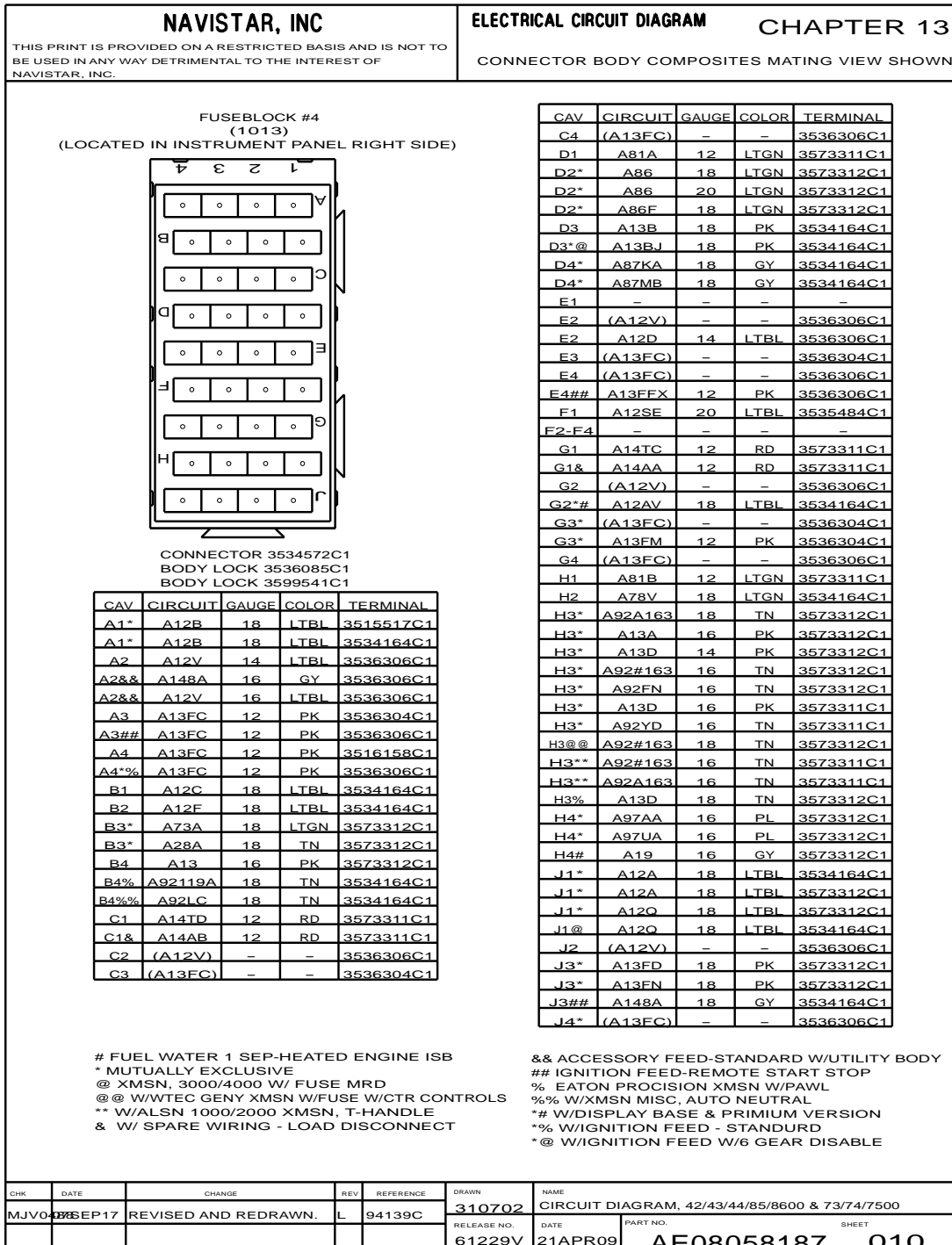


Figure 704 Connector Composites (1013)

13.31. CONNECTOR COMPOSITES (1013), P. 10A

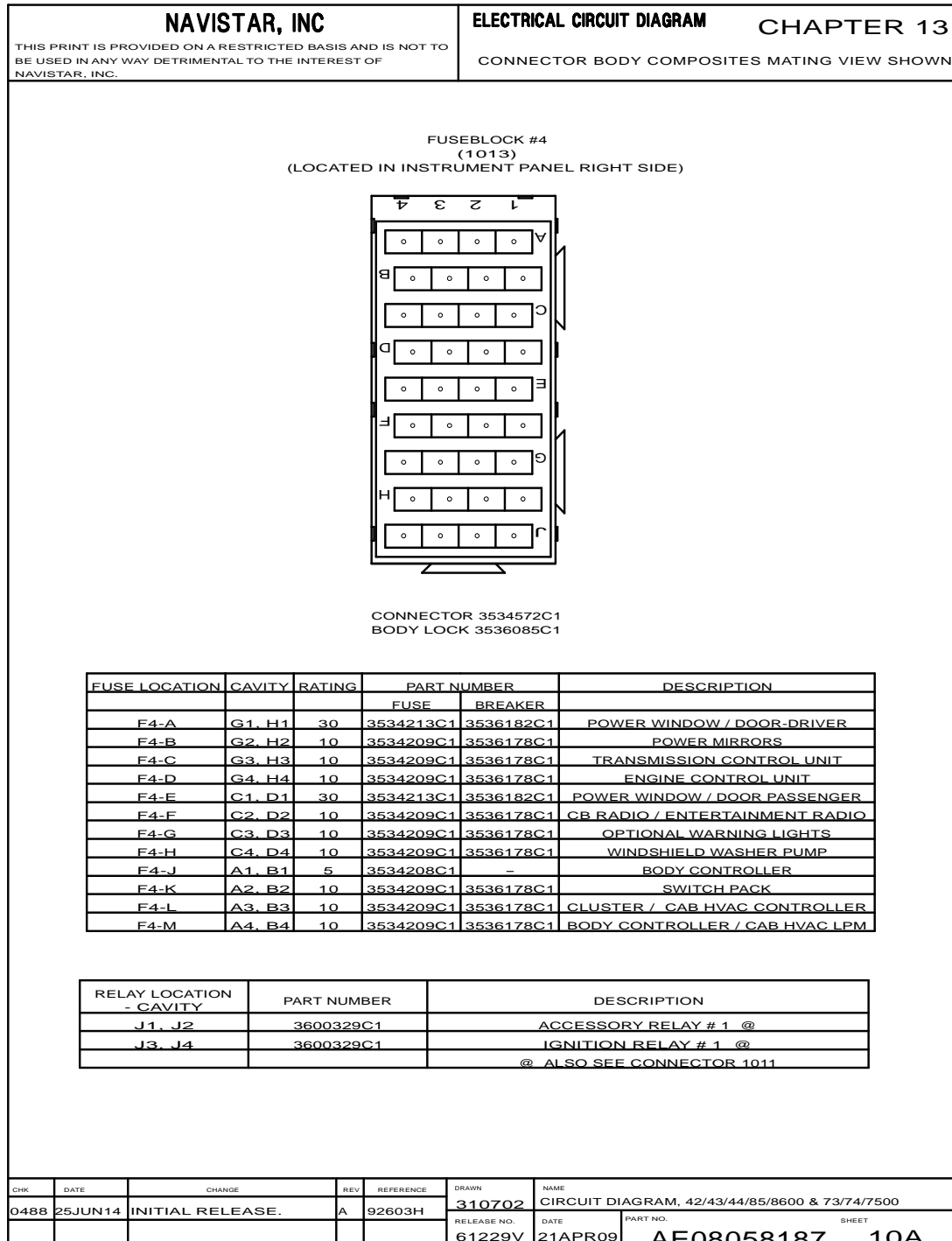


Figure 705 Connector Composites (1013)

13.32. CONNECTOR COMPOSITES (1014), P. 11

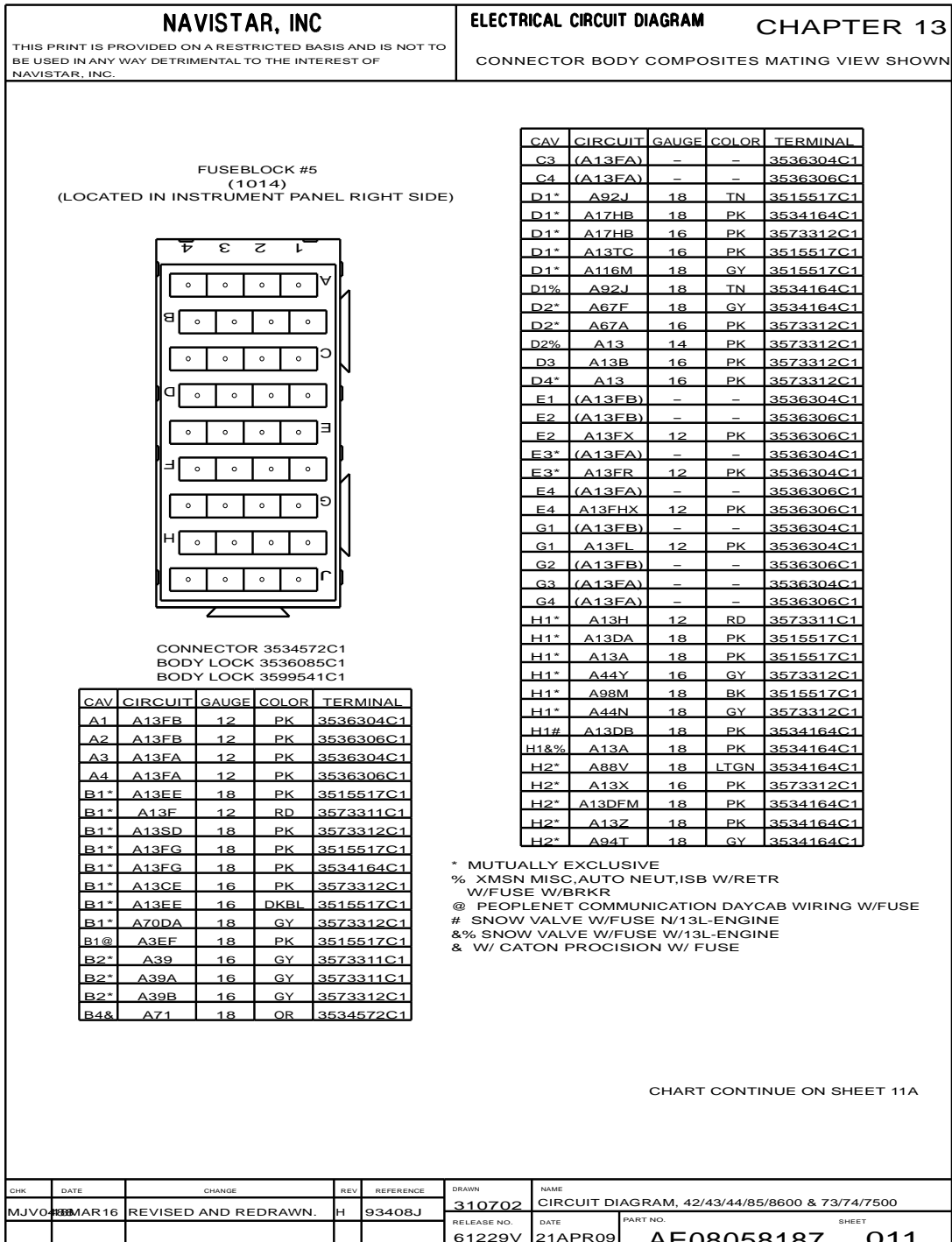


Figure 706 Connector Composites (1014)

13.33. CONNECTOR COMPOSITES (1014), P. 11A

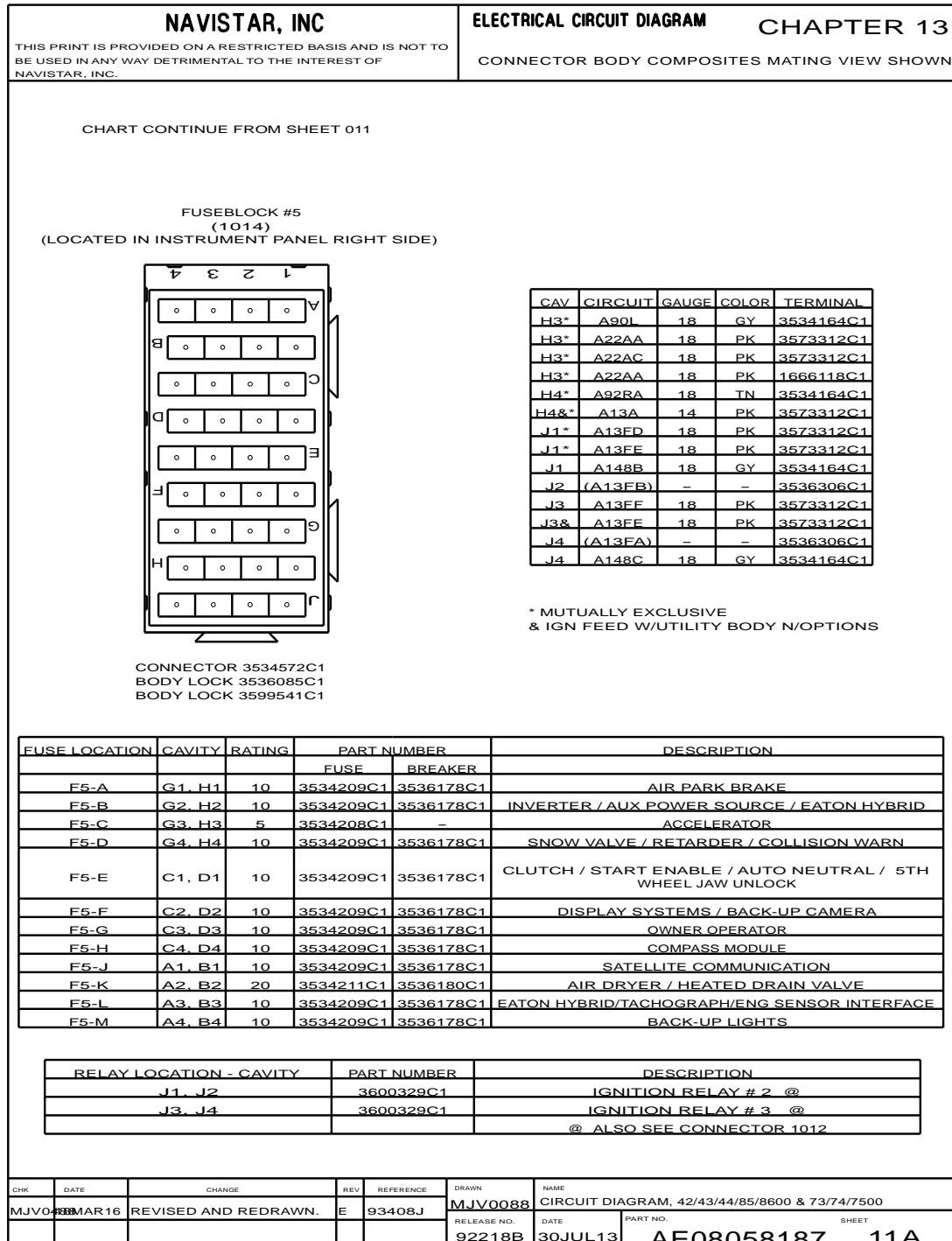


Figure 707 Connector Composites (1014)

13.34. CONNECTOR COMPOSITES (1015), P. 12

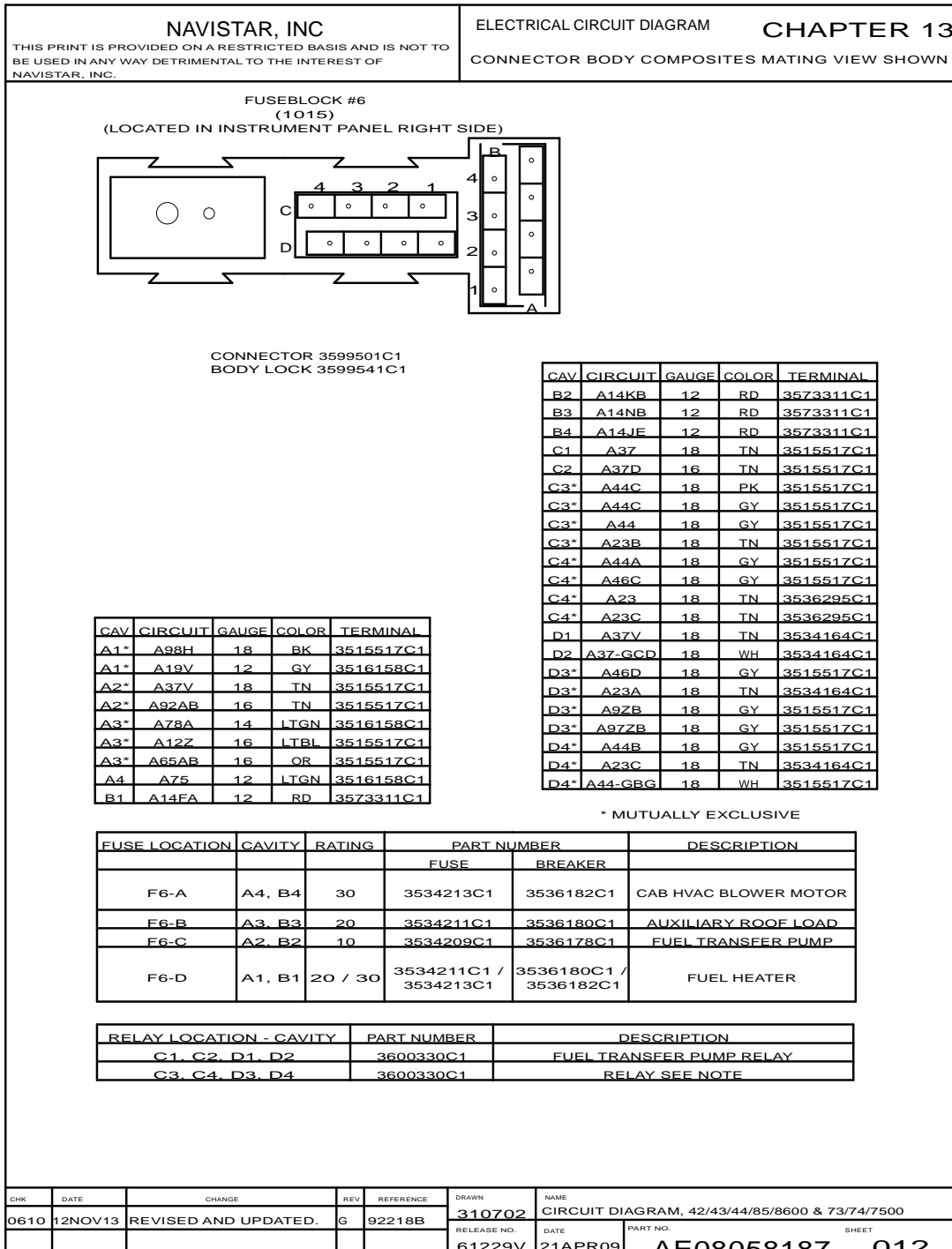


Figure 708 Connector Composites (1015)

13.35. CONNECTOR COMPOSITES (1016), P. 13

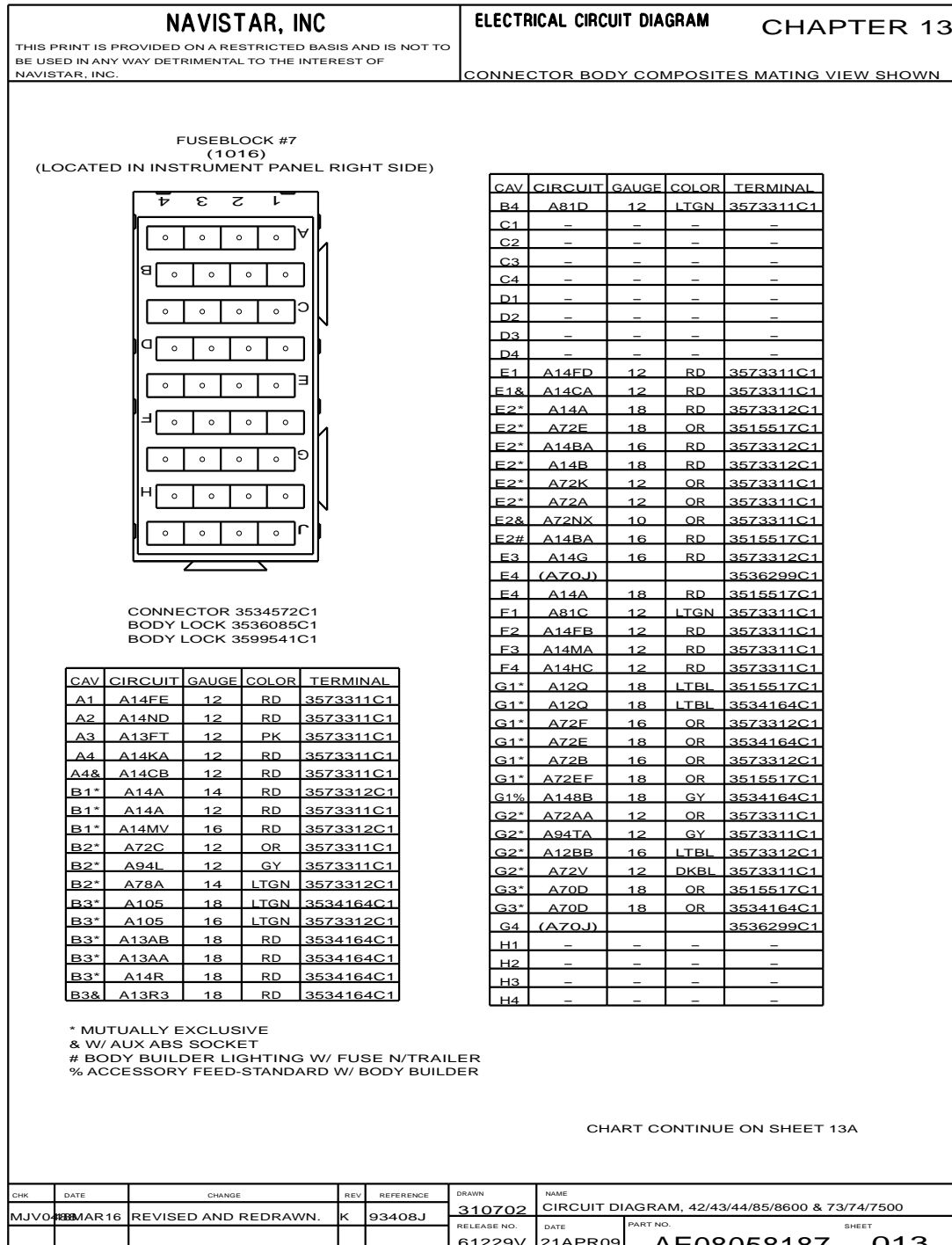


Figure 709 Connector Composites (1016)

13.36. CONNECTOR COMPOSITES (1016), P. 13A

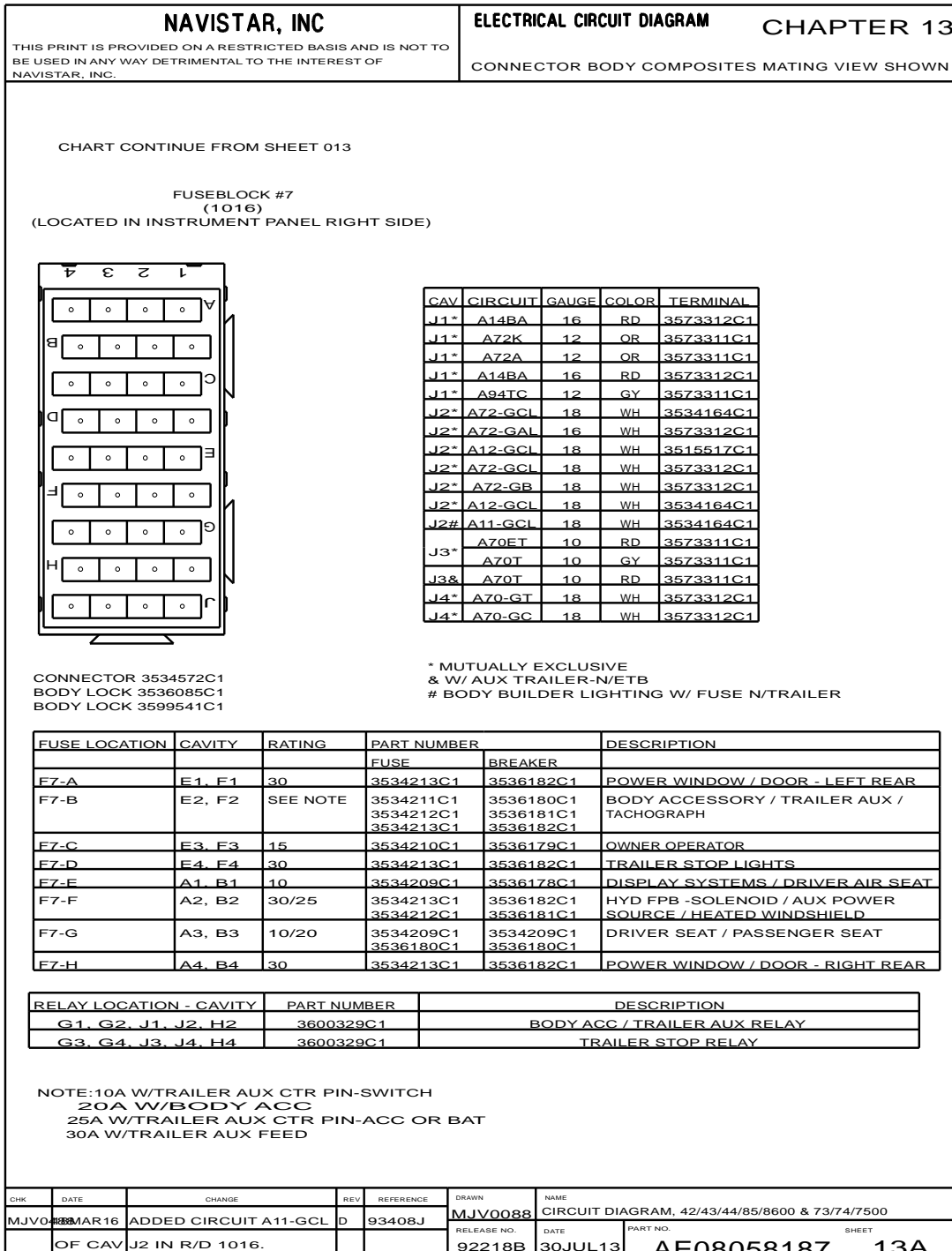


Figure 710 Connector Composites (1016)

13.37. CONNECTOR COMPOSITES (1017), P. 14

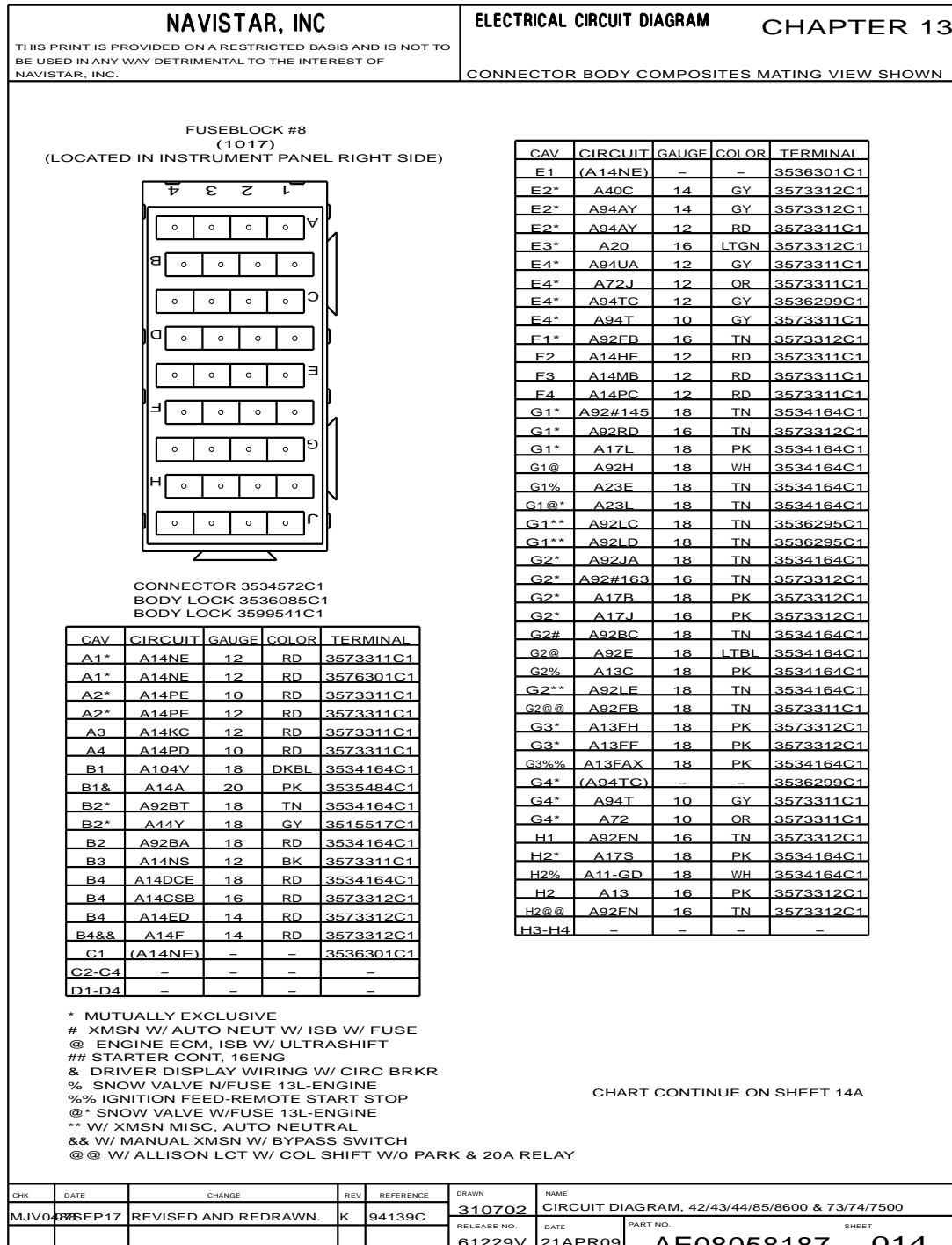


Figure 711 Connector Composites (1017)

13.38. CONNECTOR COMPOSITES (1017), P. 14A

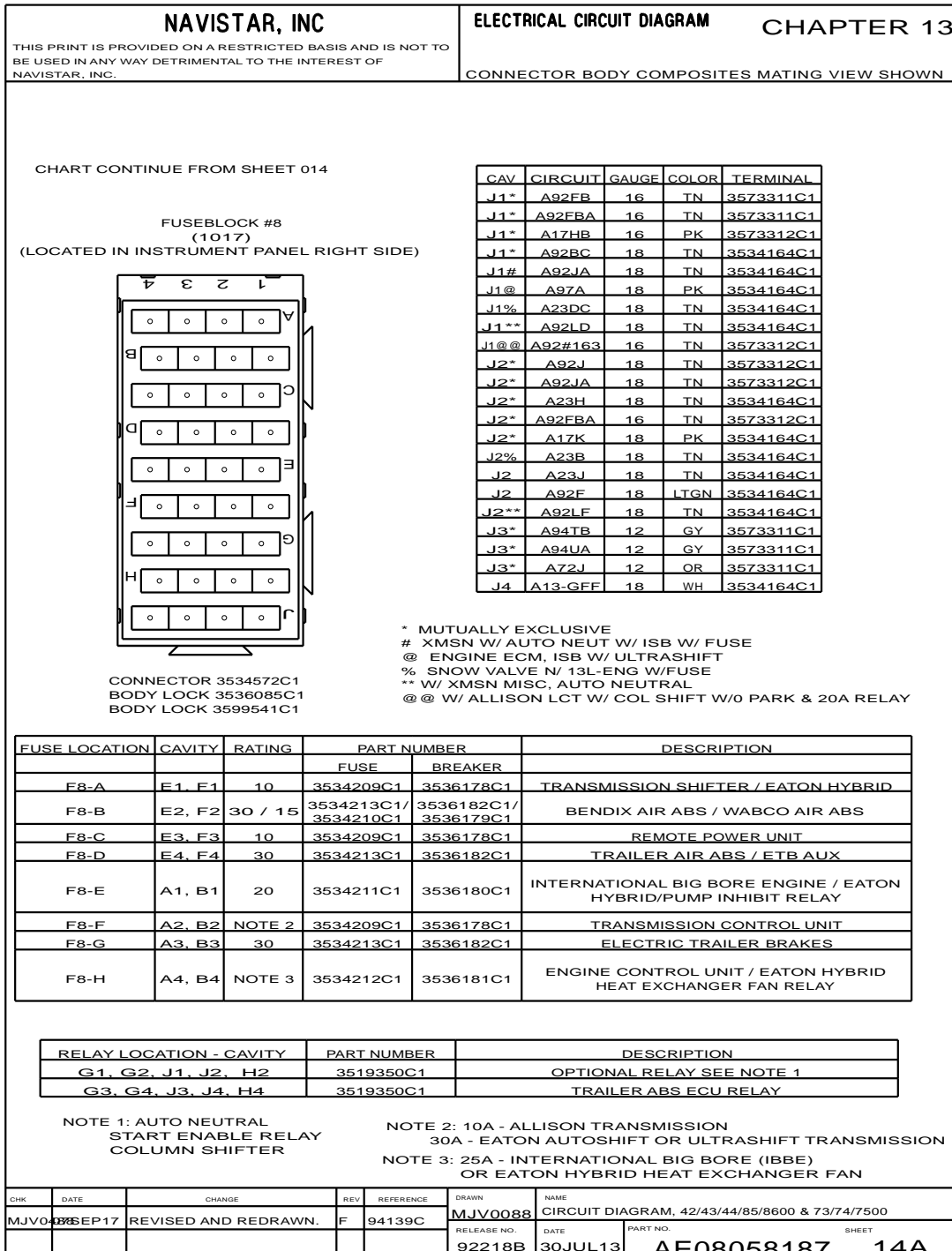


Figure 712 Connector Composites (1017)

13.39. CONNECTOR COMPOSITES (1018), P. 15

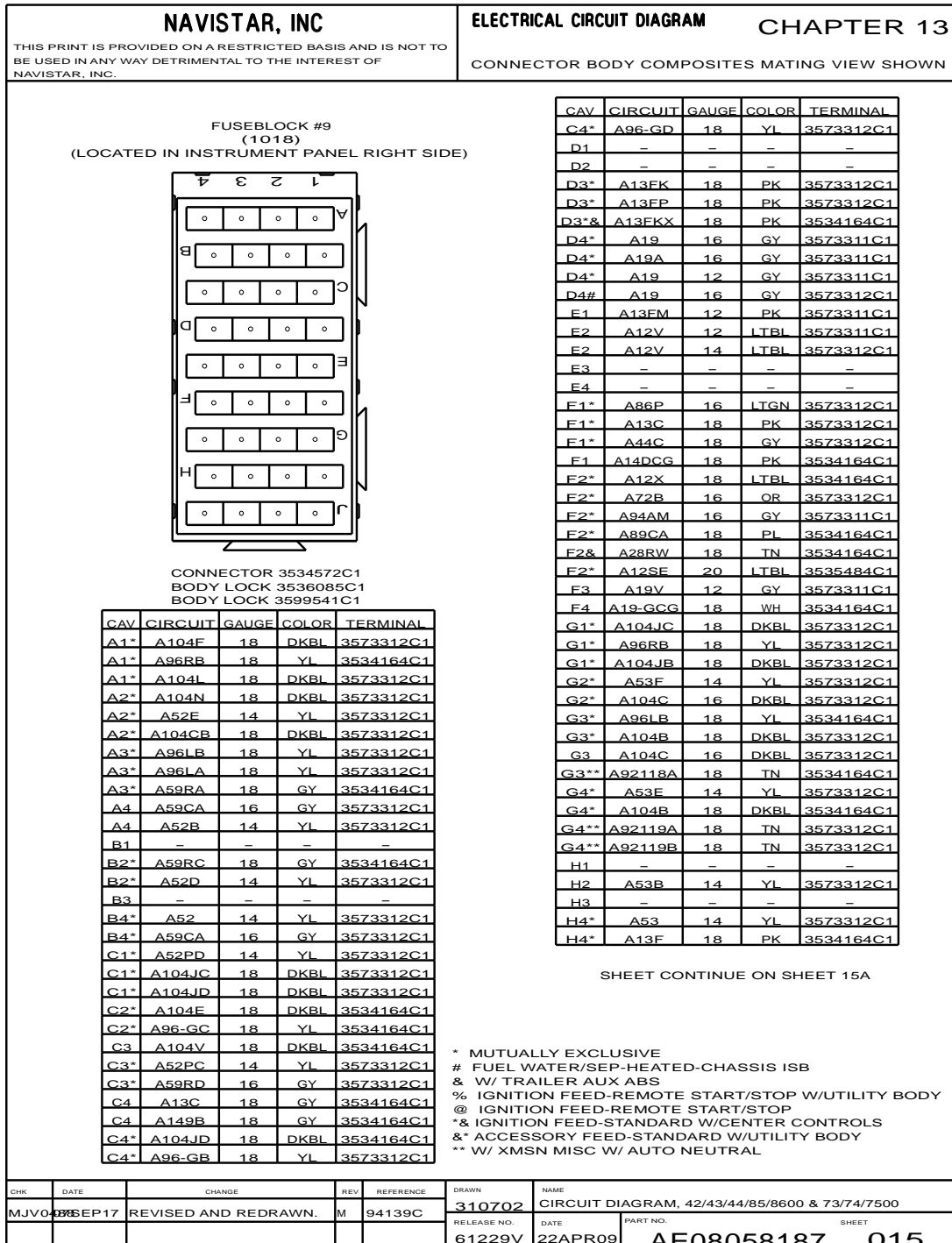


Figure 713 Connector Composites (1018)

13.40. CONNECTOR COMPOSITES (1018), P. 15A

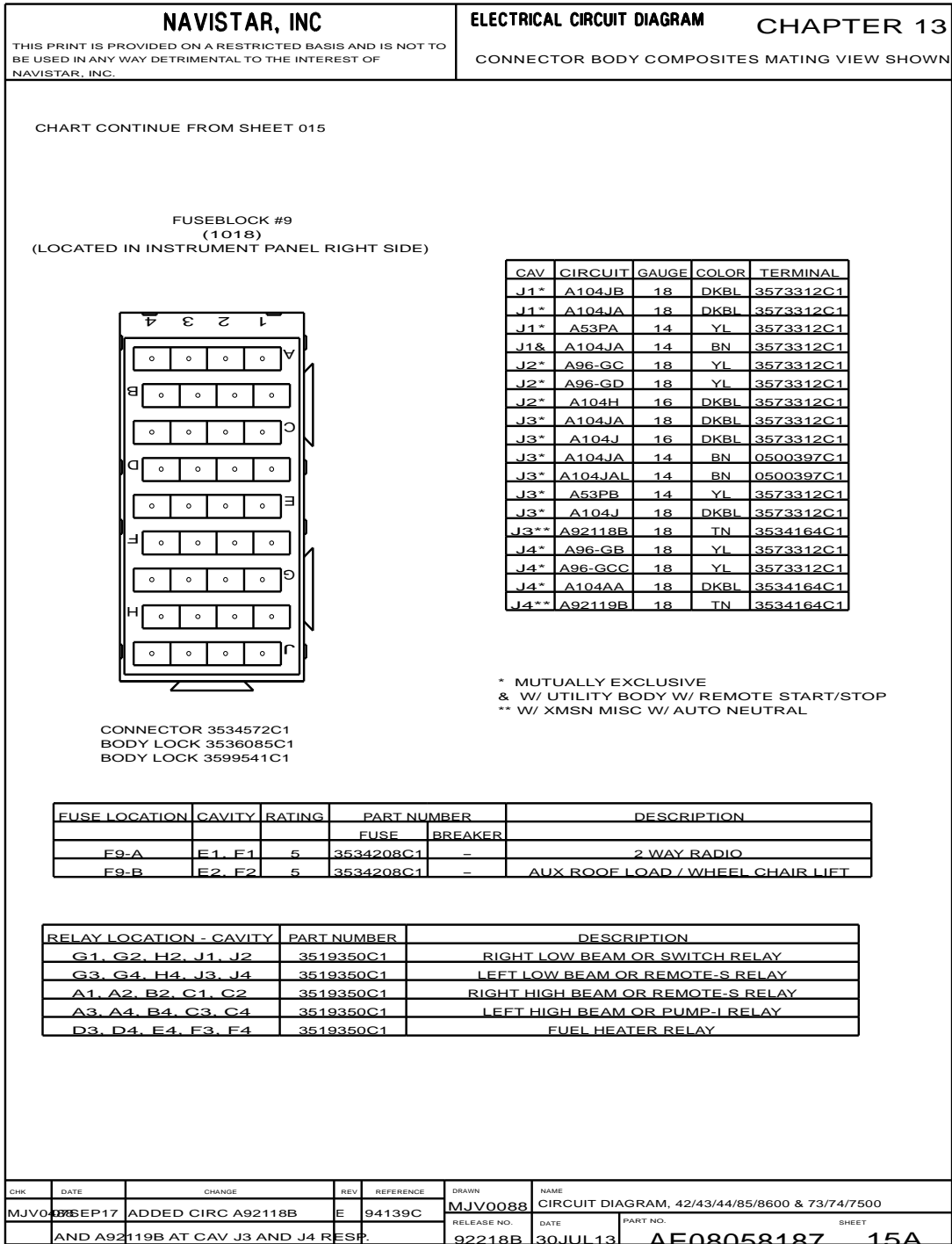


Figure 714 Connector Composites (1018)

13.41. CONNECTOR COMPOSITES (1019), P. 16

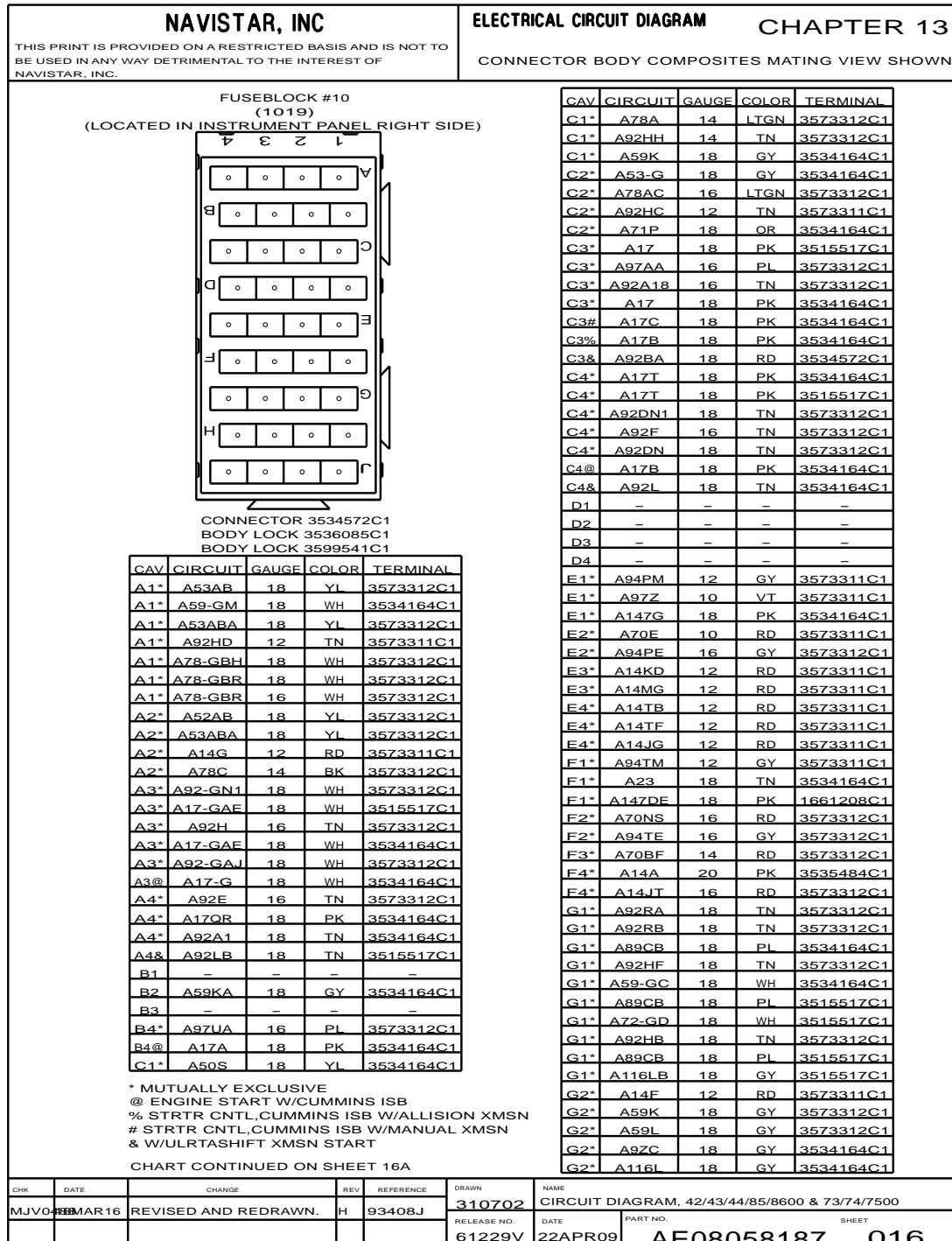


Figure 715 Connector Composites (1019)

13.42. CONNECTOR COMPOSITES (1019), P. 16A

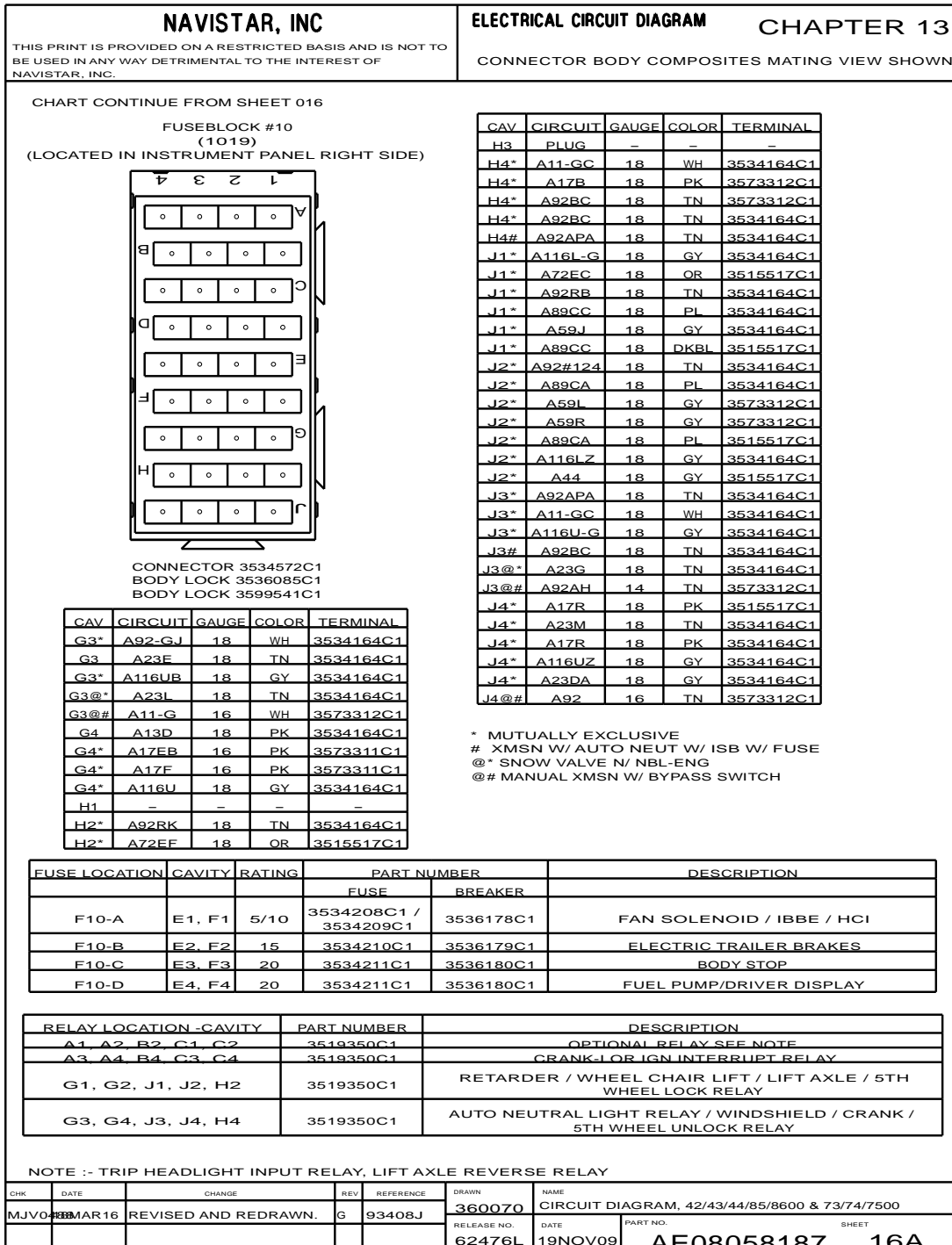


Figure 716 Connector Composites (1019)

13.43. CONNECTOR COMPOSITES (1020), P. 17

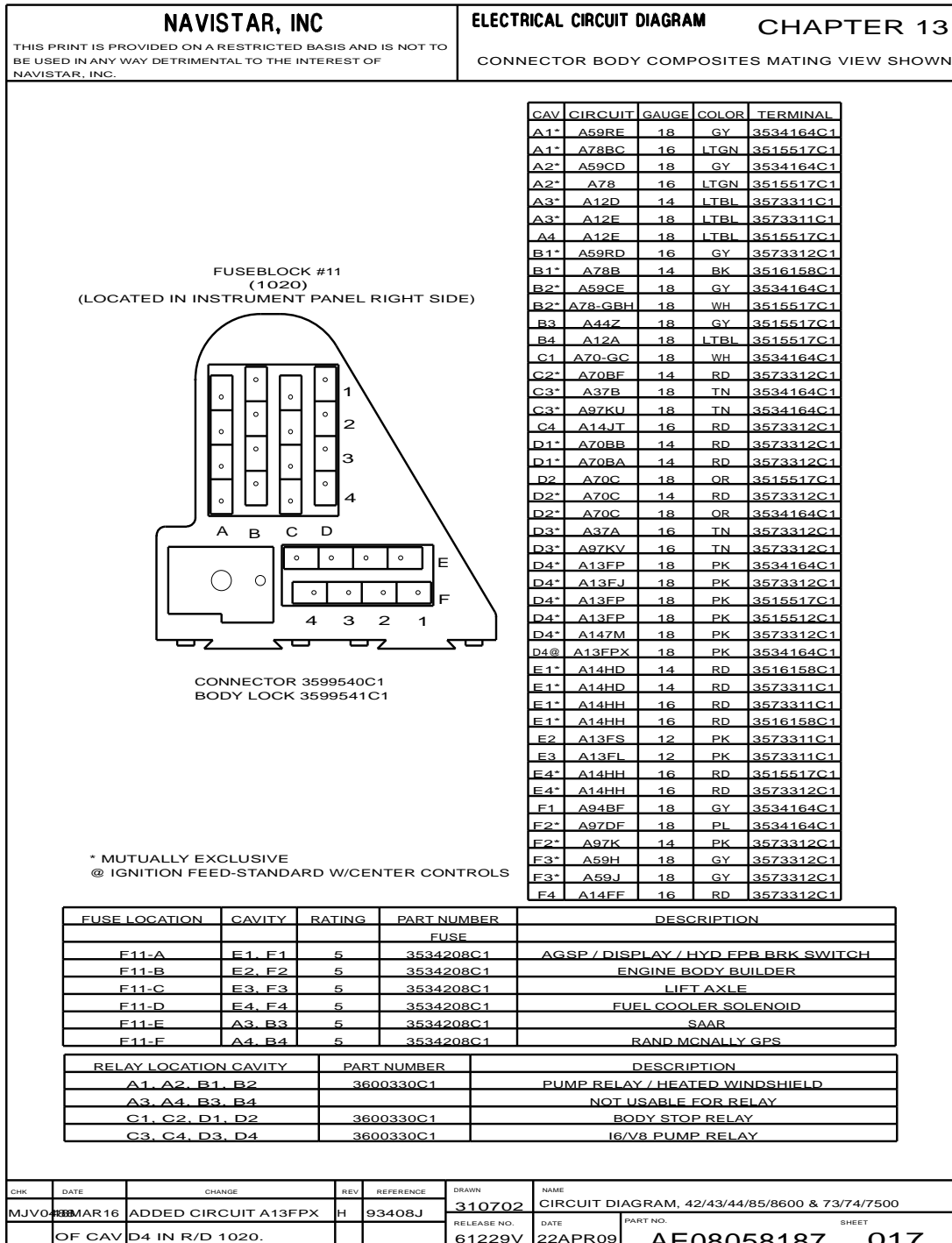


Figure 717 Connector Composites (1020)

13.44. CONNECTOR COMPOSITES (1023A), (1023B), P. 18

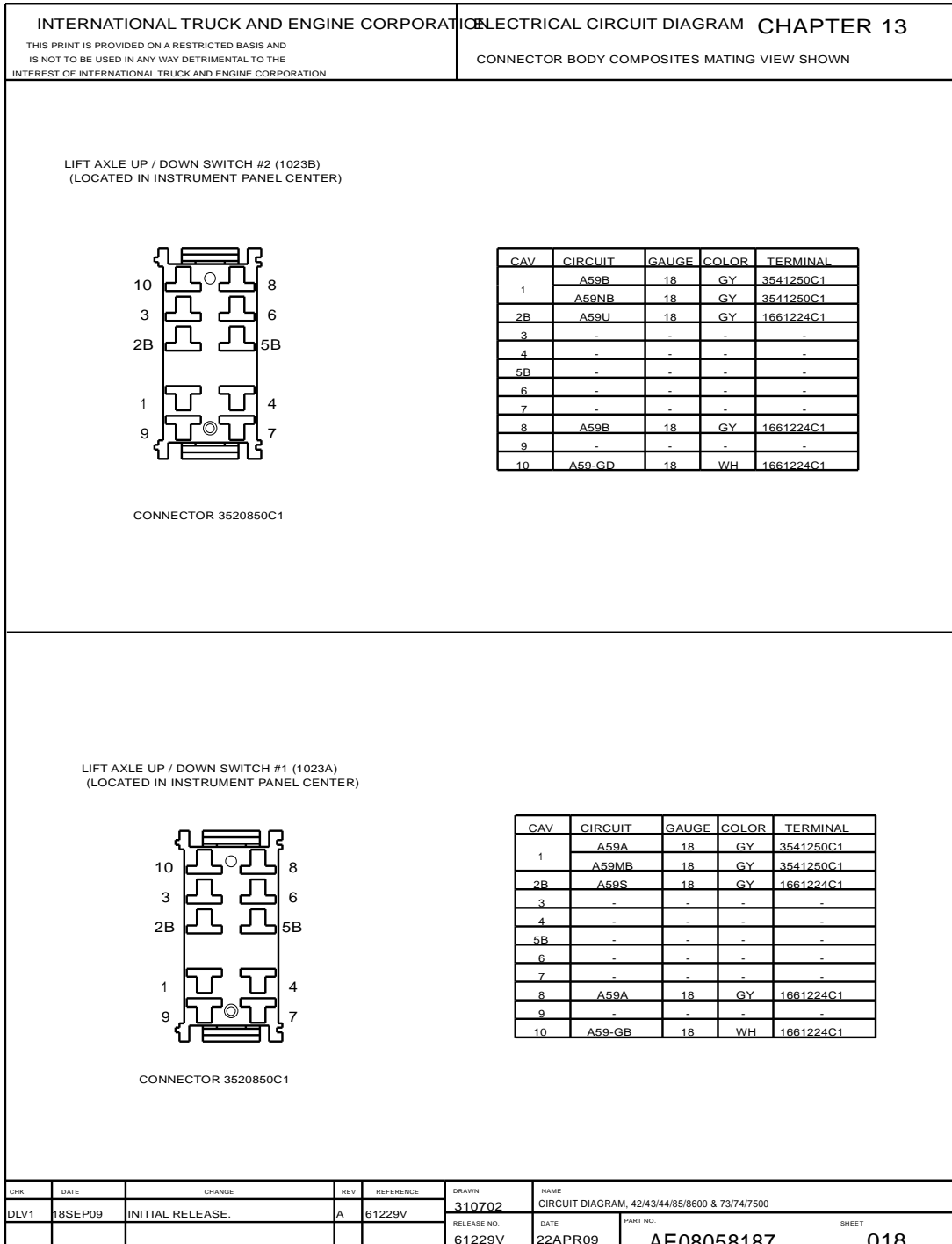


Figure 718 Connector Composites (1023A), (1023B)

13.45. CONNECTOR COMPOSITES (1023C), (1023D), P. 19

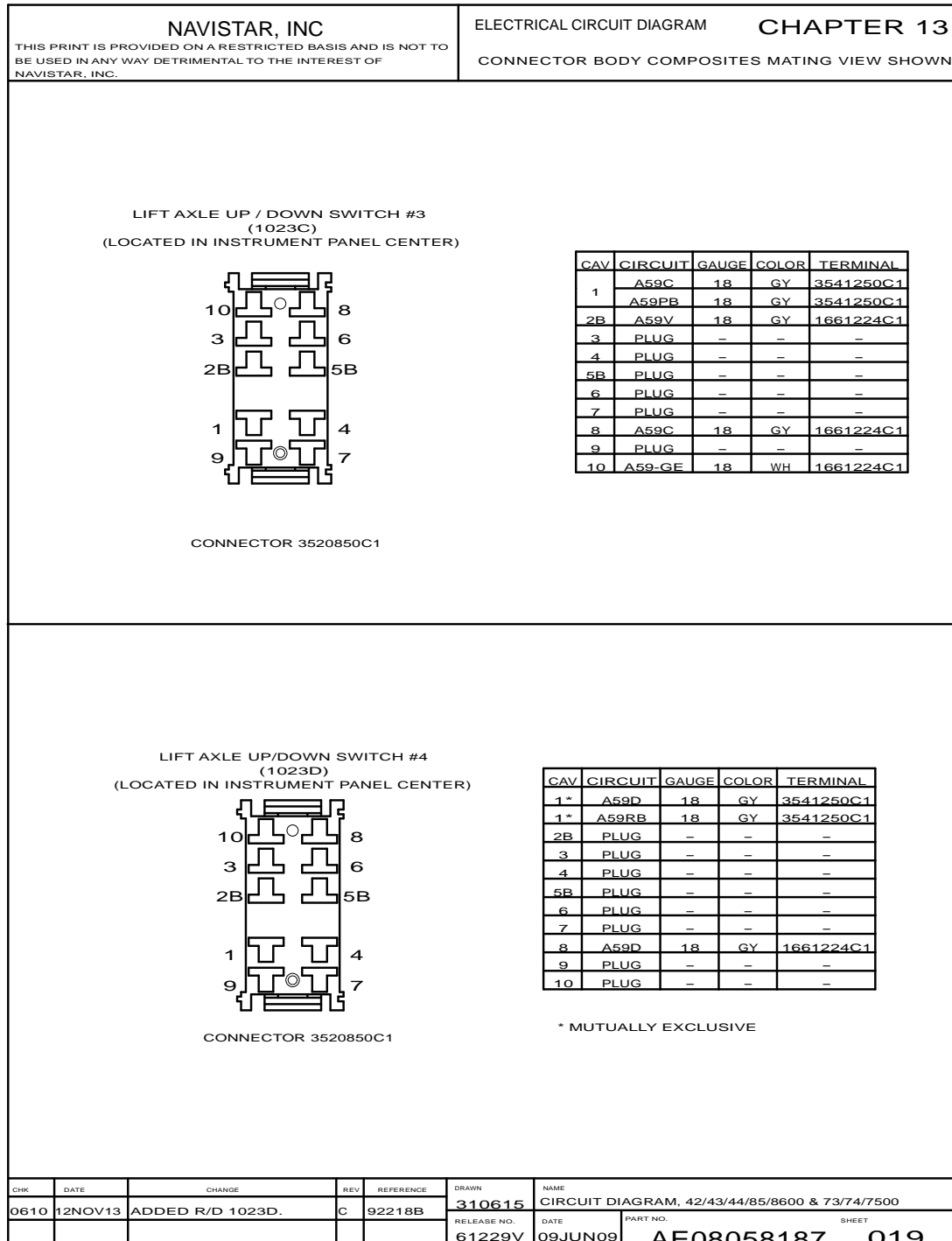


Figure 719 Connector Composites (1023C), (1023D)

13.46. CONNECTOR COMPOSITES (1026), P. 19A

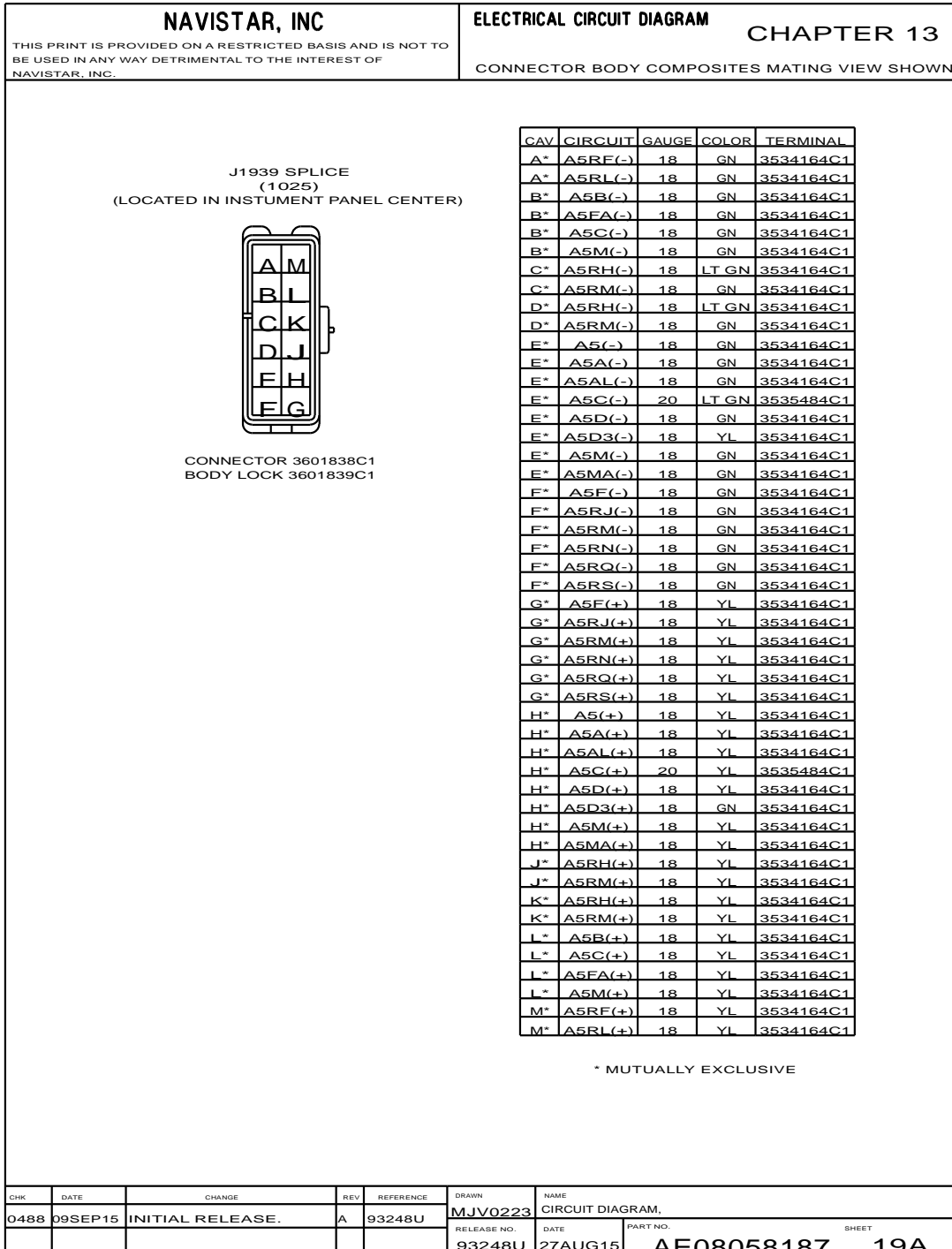


Figure 720 Connector Composites (1026)

13.47. CONNECTOR COMPOSITES (1026), (1029), P. 20

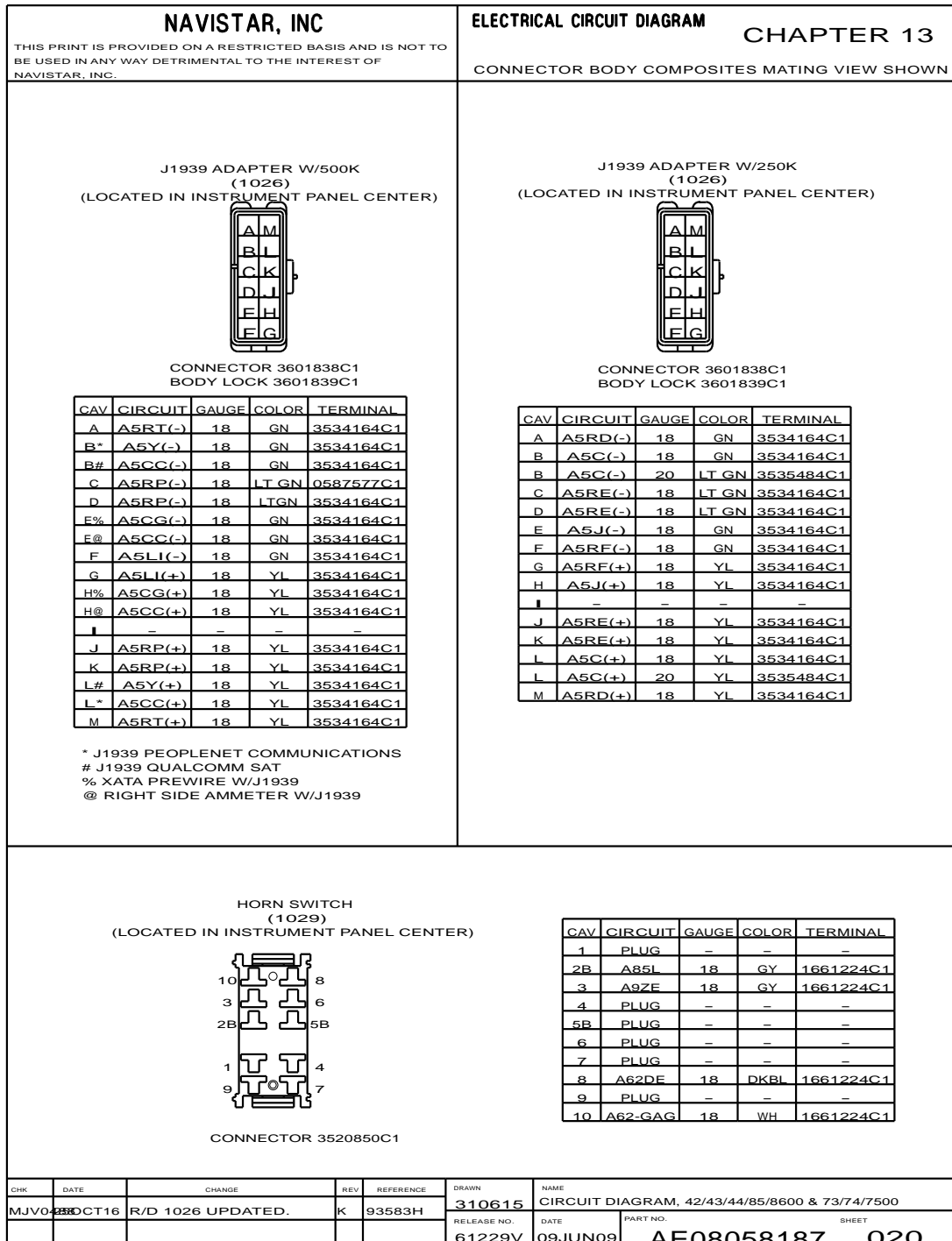
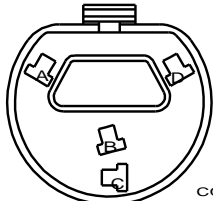


Figure 721 Connector Composites (1026), (1029)

13.48. CONNECTOR COMPOSITES (1100), (1100MA), (1101), (1101A), P. 21

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**KEY SWITCH
(1100)**
(LOCATED IN INSTRUMENT PANEL CENTER)

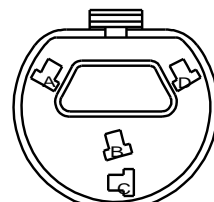


CONNECTOR 3546518C1
BODY LOCK 3546519C1

* MUTUALLY EXCLUSIVE
INTL I6 & EATON HYBRID
@ STRTR CNTL, CUMMINS ISB W/ALLISION XMSN
& W/ALLISON XMSN, AUTO NEUTRAL
W/MANUAL XMSN START
&* W/ACCESSORY FEED-STANDARD
@% W/IGNITION FEED-REMOTE START/STOP
%# W/IGNITION FEED
% W/IGNITION FEED-REMOTE START/STOP W/UTILITY BODY
W/IGNITION FEED-STANDARD OR W/MWM EURO 3
** W/ACCESSORY FEED W/UTILITY BODY

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A15	18	RD	1661208C1
B*	A17H	16	PK	1661208C1
B	A149B	16	GY	1661208C1
B##	A149B	18	GY	1661208C1
B#	A17HAL	16	PK	1661208C1
B#	A17	18	PK	1661208C1
B*	A17AL	18	PK	1661208C1
B@	A17A	18	PK	1661208C1
B&	A17H	18	PK	1661208C1
C	A149C	14	GY	3566715C1
C&*	A149C	18	GY	1661208C1
C	A12	18	LTBL	1661208C1
C*	A12	14	PK	3566715C1
C**	A3EC	14	GY	3566715C1
D*	A13DB	18	PK	1661208C1
D*	A13F	18	PK	1661208C1
D*	A104J	18	DKBL	1661208C1
D*	A13DB	14	BN	3566715C1
D*	A13F	14	BN	3566715C1
D*	A104J	14	BN	3566715C1
D@%	A149D	18	GY	1661208C1
D	A149D	14	GY	3566715C1
D%#	A1EA	14	GY	3566715C1
D%	A13	14	GY	3566715C1
D&	A149AX	18	GY	1661208C1
D@%	A149A	18	GY	3566715C1

**KEY SWITCH CONN
(1100MA)**
(LOCATED IN INSTRUMENT PANEL CENTER)

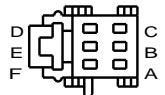


CONNECTOR 3546518C1
BODY LOCK 3546519C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A15	16	RD	1661208C1
B*	A17H	16	PK	1661208C1
B*	A17H	18	PK	1661208C1
B*	A17HAL	16	PK	1661208C1
B*	A17HAL	18	PK	1661208C1
B#	A149B	18	GY	1661208C1
C	A12	18	LTBL	1661208C1
C*	A12	14	PK	3566715C1
C%	A149C	18	GY	1661208C1
D*	A13F	14	BN	3566715C1
D	A13F	18	PK	1661208C1
D&	A149A	18	GY	1661208C1

* MUTUALLY EXCLUSIVE
ALL ISON XMSN W/CENTER PANEL START
& IGN FEED-STANDARD W/CENTER CONTROLS
% W/ ACCESS FEED- CTR PNL

**LOC 1 & 2 SWITCH PACK
(1101)**
(LOCATED IN INSTRUMENT PANEL CENTER)




CONNECTOR 2031871C1
BODY LOCK 2031873C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A11-GKD	18	WH	1661261C1
B	A12F	18	LTBL	1661261C1
C	A62DB	18	DKBL	1661261C1
D*	A3C(+)	18	DKBL	1661261C1
D*	A3A(+)	18	DKBL	1661261C1
E*	A3C(-)	18	GY	1661261C1
E*	A3A(-)	18	GY	1661261C1
F	-	-	-	-

* MUTUALLY EXCLUSIVE

**SWITCH PACK
(1101A)**
(LOCATED IN INSTRUMENT PANEL CENTER)



CONNECTOR 2031872C1
BODY LOCK 2031874C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A11-GJ	18	WH	1661262C1
B	A12FC	18	LTBL	1661262C1
C	A62S	18	DKBL	1661262C1
D-F	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJVO	SEP17	ADDED CIRC A3EC.	G	94139C	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					61229V	09JUN09
						PART NO.
						AE08058187
						SHEET
						021

Figure 722 Connector Composites (1100), (1100MA), (1101), (1101A)

13.49. CONNECTOR COMPOSITES (1105), (1105A), (1106), P. 22

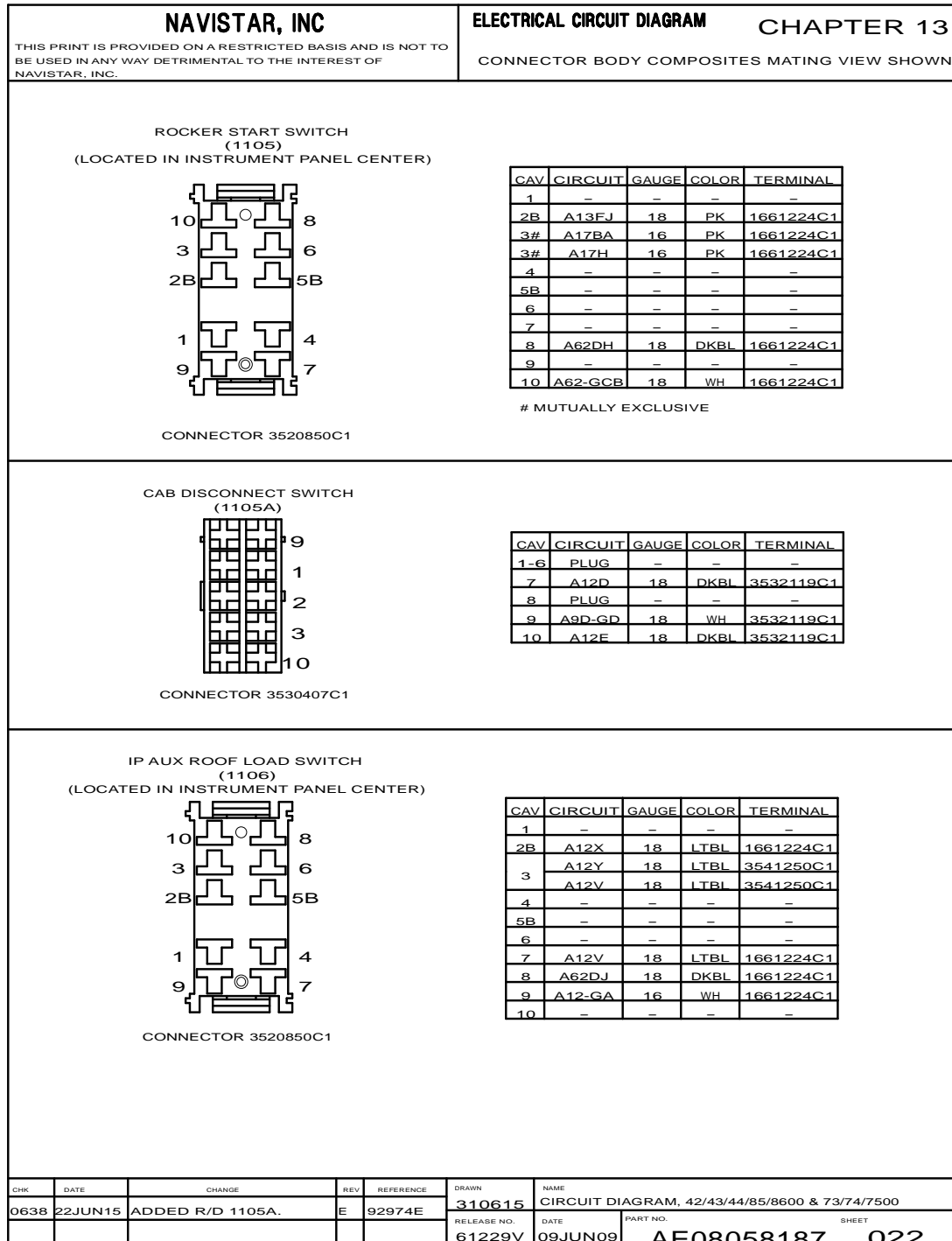


Figure 723 Connector Composites (1105), (1105A), (1106)

13.50. CONNECTOR COMPOSITES (1107), (1108), P. 22A

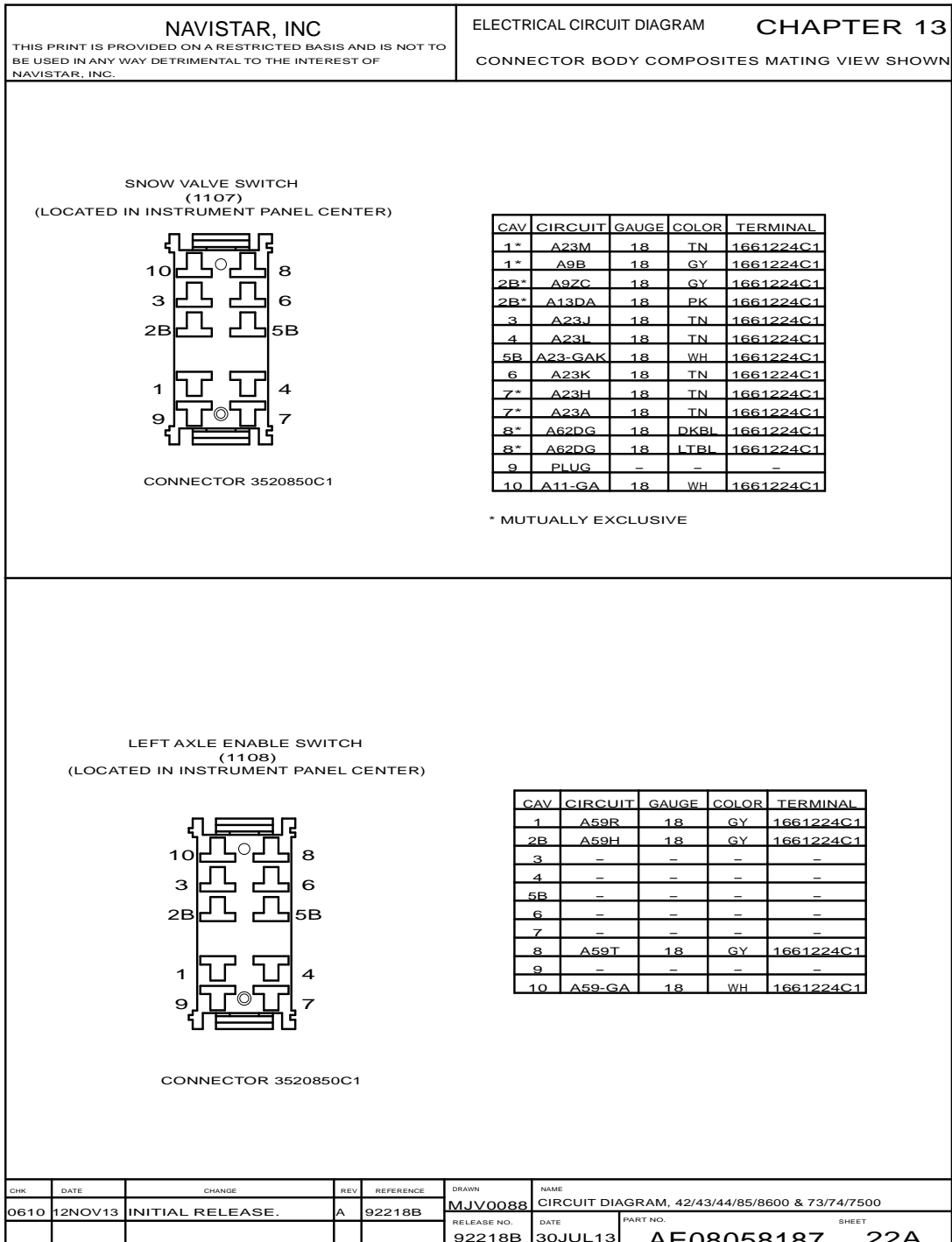


Figure 724 Connector Composites (1107), (1108)

13.51. CONNECTOR COMPOSITES (1109), (1109A), (1110), P. 23



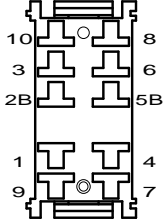
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<p>HYDRAULIC POWER PACK SWITCH (1109) (LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p>CONNECTOR 3518182C1 BODY LOCK 3518184C1</p> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A44A</td><td>18</td><td>GY</td><td>3518963C1</td></tr> <tr><td>B</td><td>A90-M</td><td>18</td><td>GY</td><td>3518963C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A44A	18	GY	3518963C1	B	A90-M	18	GY	3518963C1																																																																																					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																					
A	A44A	18	GY	3518963C1																																																																																																					
B	A90-M	18	GY	3518963C1																																																																																																					
<p>HYDRAULIC POWER PACK SWITCH (1109A) (LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p>CONNECTOR 3518182C1 BODY LOCK 3518184C1</p> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A44AA</td><td>18</td><td>GY</td><td>3518963C1</td></tr> <tr><td>B</td><td>A90-M</td><td>18</td><td>GY</td><td>3518963C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A44AA	18	GY	3518963C1	B	A90-M	18	GY	3518963C1																																																																																					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																					
A	A44AA	18	GY	3518963C1																																																																																																					
B	A90-M	18	GY	3518963C1																																																																																																					
<p>AUX TRAILER SOCKET SWITCH (1110) (LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p>CONNECTOR 3520850C1</p> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>A72D</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>2B@</td><td>A110C</td><td>18</td><td>GY</td><td>1661224C1</td></tr> <tr><td>2B@</td><td>A72B</td><td>16</td><td>OR</td><td>1661224C1</td></tr> <tr><td>2B*</td><td>A72E</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>3@</td><td>A72CA</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>3@</td><td>A72FA</td><td>18</td><td>OR</td><td>1661226C1</td></tr> <tr><td>3@</td><td>A72F</td><td>16</td><td>OR</td><td>1661226C1</td></tr> <tr><td>3@</td><td>A72ED</td><td>18</td><td>OR</td><td>3541250C1</td></tr> <tr><td>3@</td><td>A72EC</td><td>18</td><td>OR</td><td>3541250C1</td></tr> <tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5B</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7@</td><td>A72B</td><td>14</td><td>OR</td><td>1661226C1</td></tr> <tr><td>7@</td><td>A72FA</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>7@</td><td>A72ED</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>8</td><td>A62DK</td><td>18</td><td>DKRL</td><td>1661224C1</td></tr> <tr><td>9@</td><td>A72-GAM</td><td>18</td><td>WH</td><td>1661224C1</td></tr> <tr><td>10@</td><td>A72-GB</td><td>18</td><td>WH</td><td>3541250C1</td></tr> <tr><td>10@</td><td>A72-GD</td><td>18</td><td>WH</td><td>3541250C1</td></tr> </tbody> </table> <p style="font-size: x-small; margin-top: 10px;">@ MUTUALLY EXCLUSIVE * W/AUX TRAILER-CENTER PIN SW CONTROLLED.</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A72D	18	OR	1661224C1	2B@	A110C	18	GY	1661224C1	2B@	A72B	16	OR	1661224C1	2B*	A72E	18	OR	1661224C1	3@	A72CA	18	OR	1661224C1	3@	A72FA	18	OR	1661226C1	3@	A72F	16	OR	1661226C1	3@	A72ED	18	OR	3541250C1	3@	A72EC	18	OR	3541250C1	4	PLUG	-	-	-	5B	PLUG	-	-	-	6	PLUG	-	-	-	7@	A72B	14	OR	1661226C1	7@	A72FA	18	OR	1661224C1	7@	A72ED	18	OR	1661224C1	8	A62DK	18	DKRL	1661224C1	9@	A72-GAM	18	WH	1661224C1	10@	A72-GB	18	WH	3541250C1	10@	A72-GD	18	WH	3541250C1
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0488	25JUN14	ADDED CIRC A72E TO	F	92603H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																																																			
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Figure 725 Connector Composites (1109), (1109A), (1110)

13.52. CONNECTOR COMPOSITES (1112), (1113), (1115), P. 23A

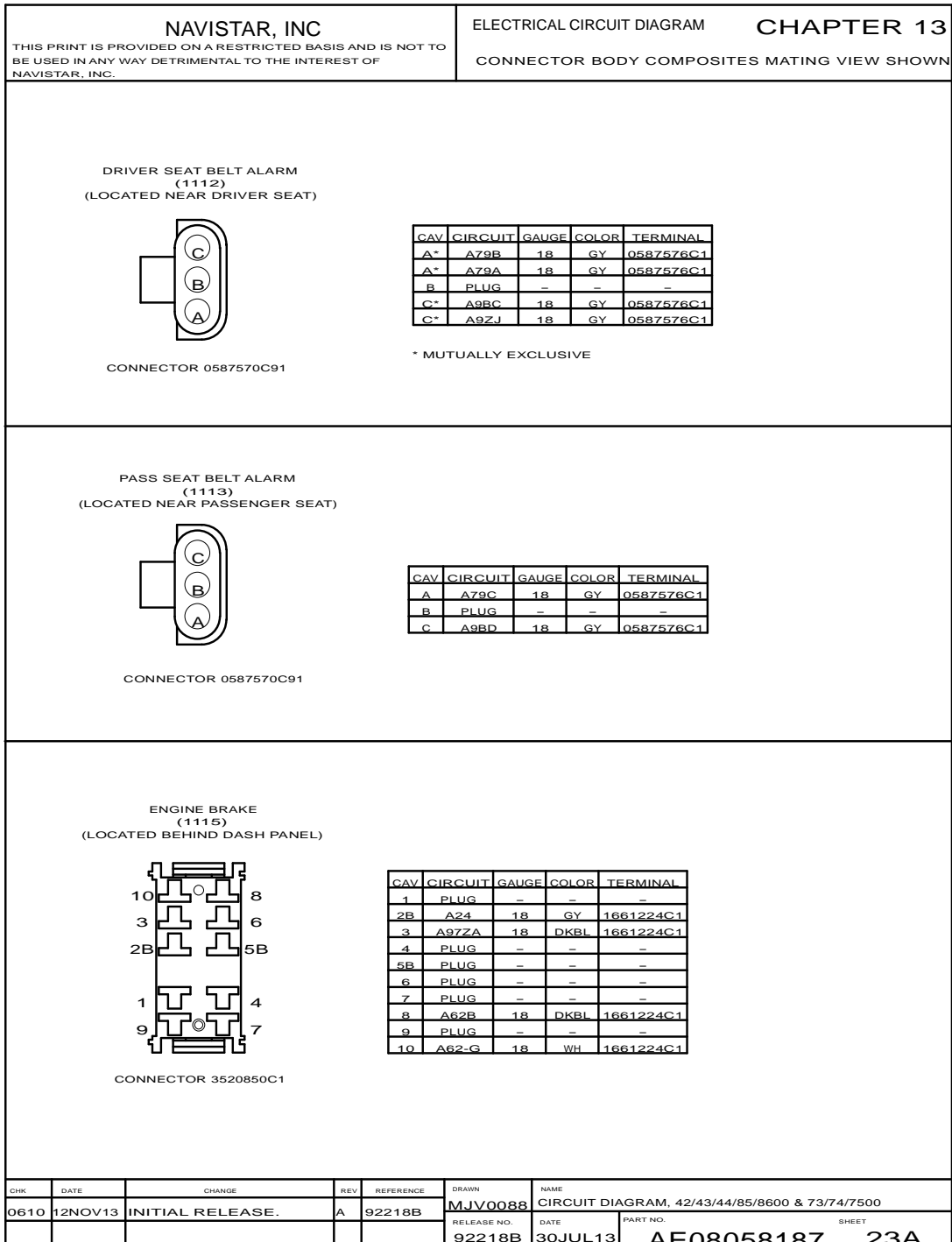


Figure 726 Connector Composites (1112), (1113), (1115)

13.53. CONNECTOR COMPOSITES (1116), (1120), (1200), P. 23B

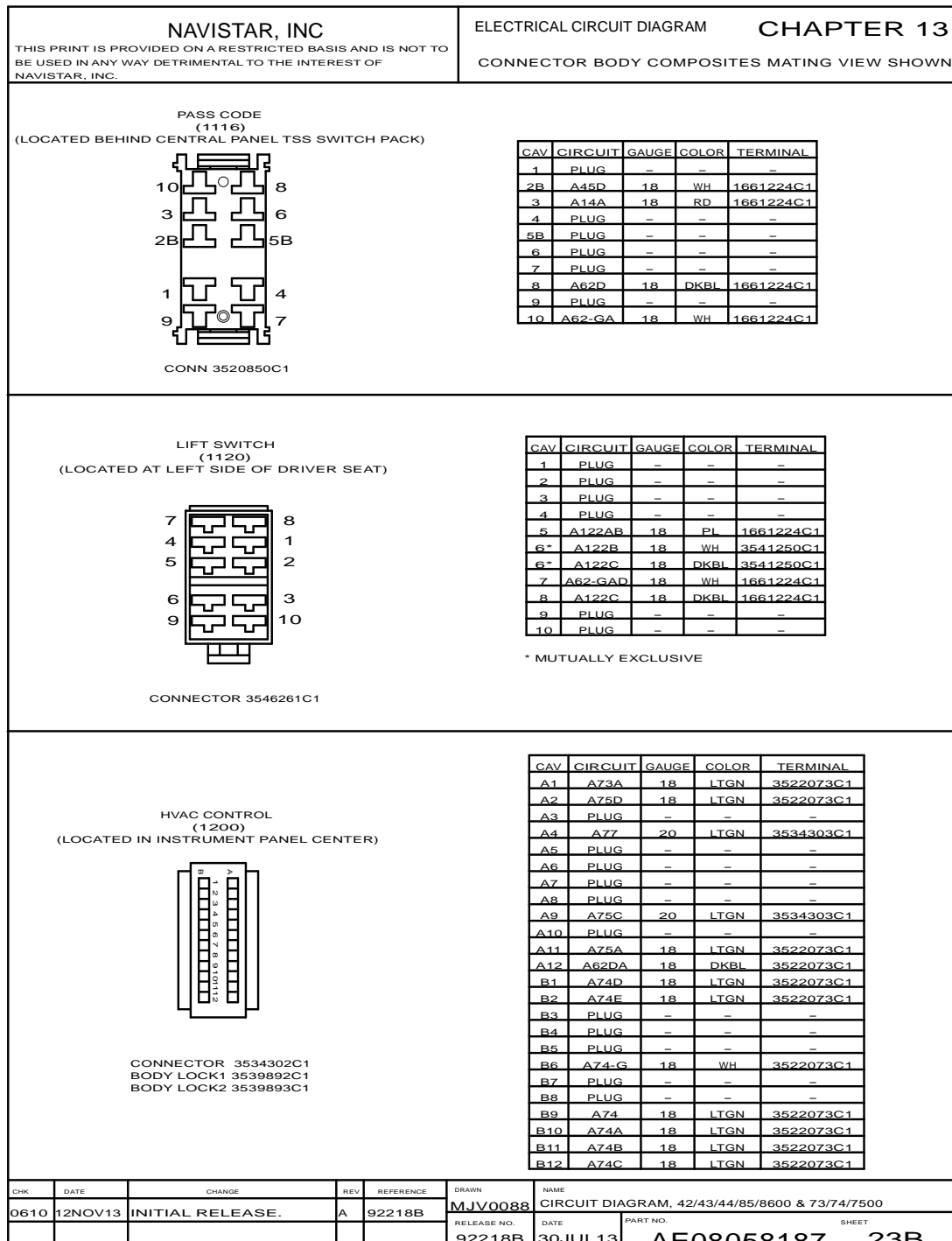


Figure 727 Connector Composites (1116), (1120), (1200)

13.54. CONNECTOR COMPOSITES (1210), (1220), (1227), P. 24

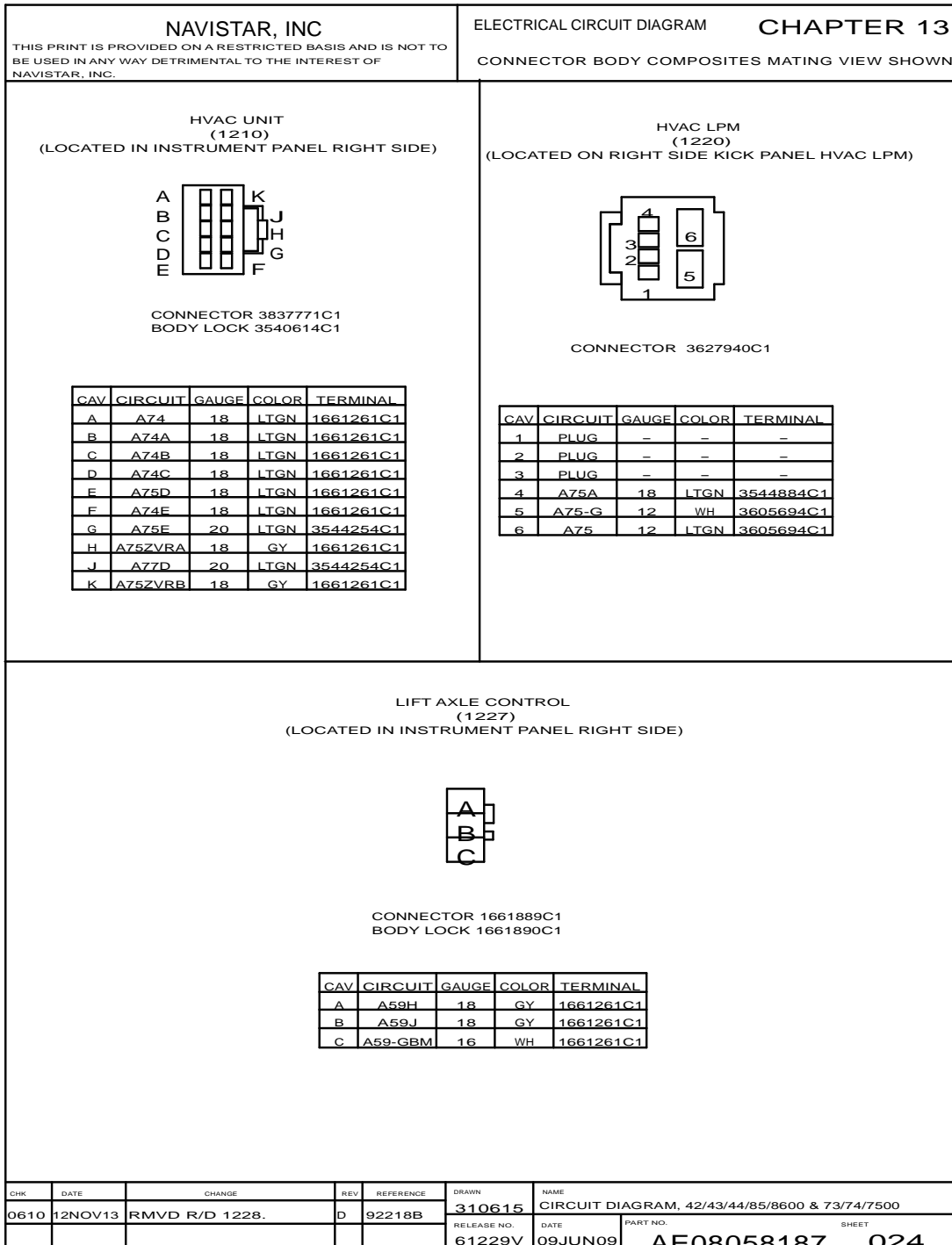


Figure 728 Connector Composites (1210), (1220), (1227)

13.55. CONNECTOR COMPOSITES (1234), P. 24A

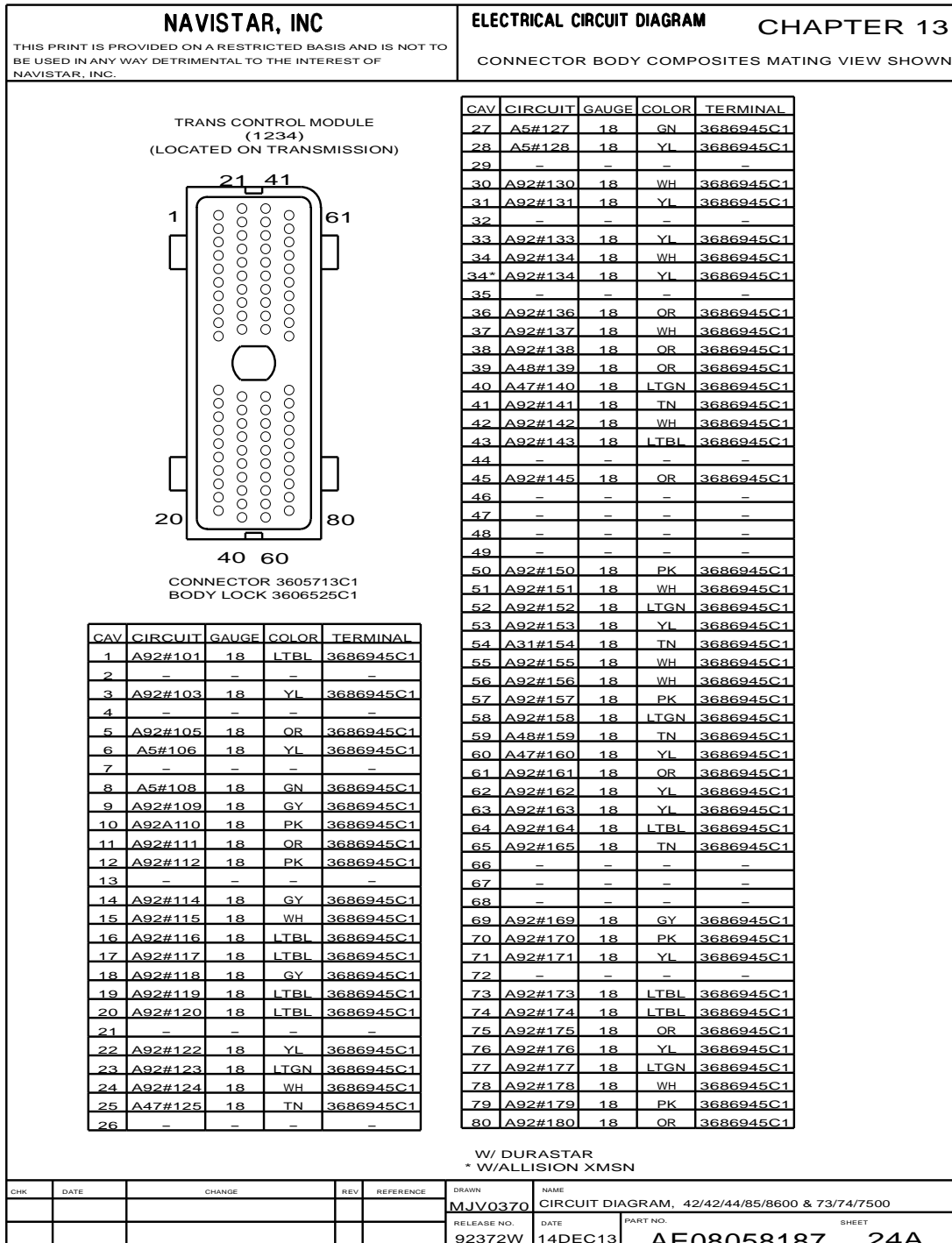


Figure 729 Connector Composites (1234)

13.56. CONNECTOR COMPOSITES (1235), (1236), P. 24B

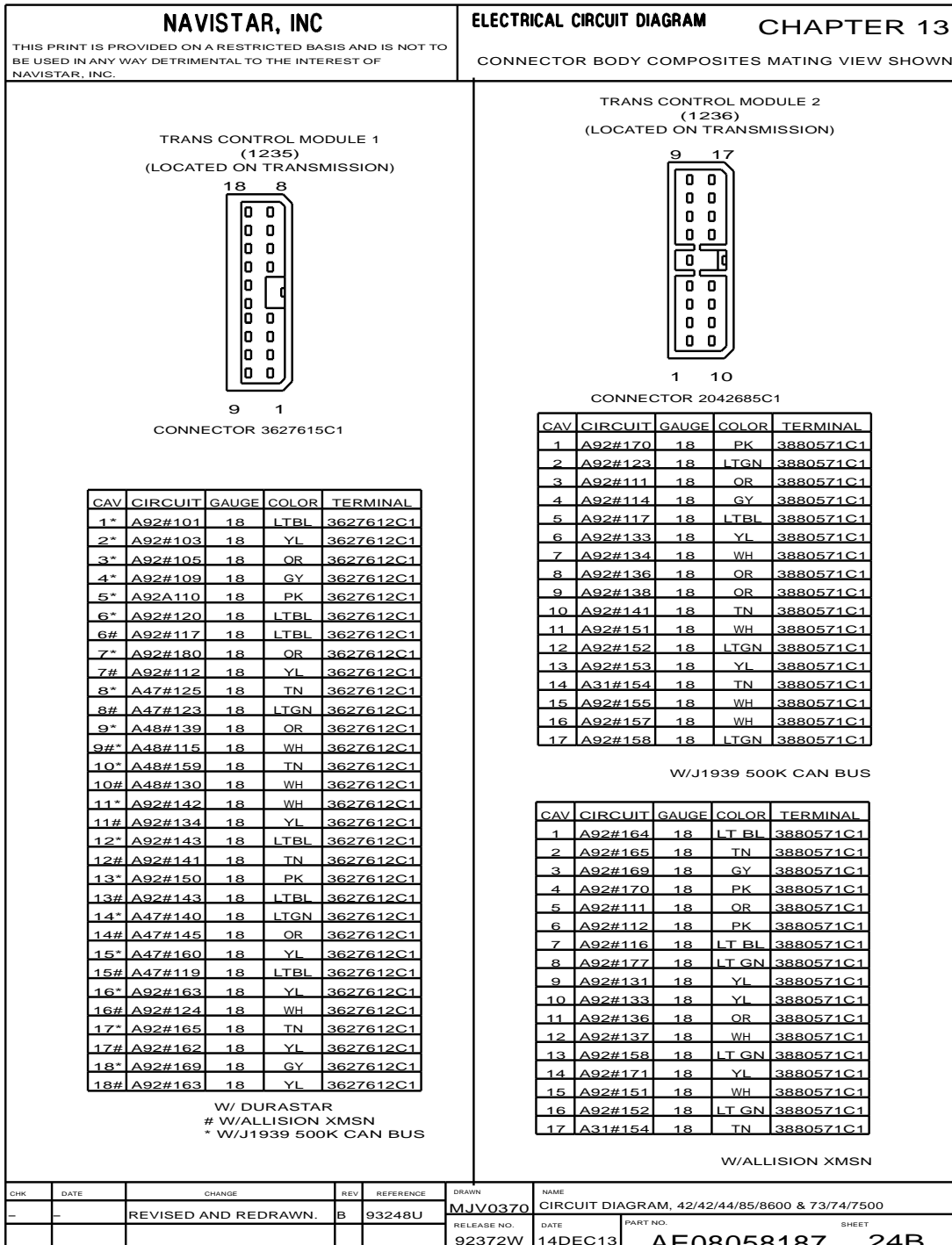


Figure 730 Connector Composites (1235), (1236)

13.57. CONNECTOR COMPOSITES (1237), P. 24C

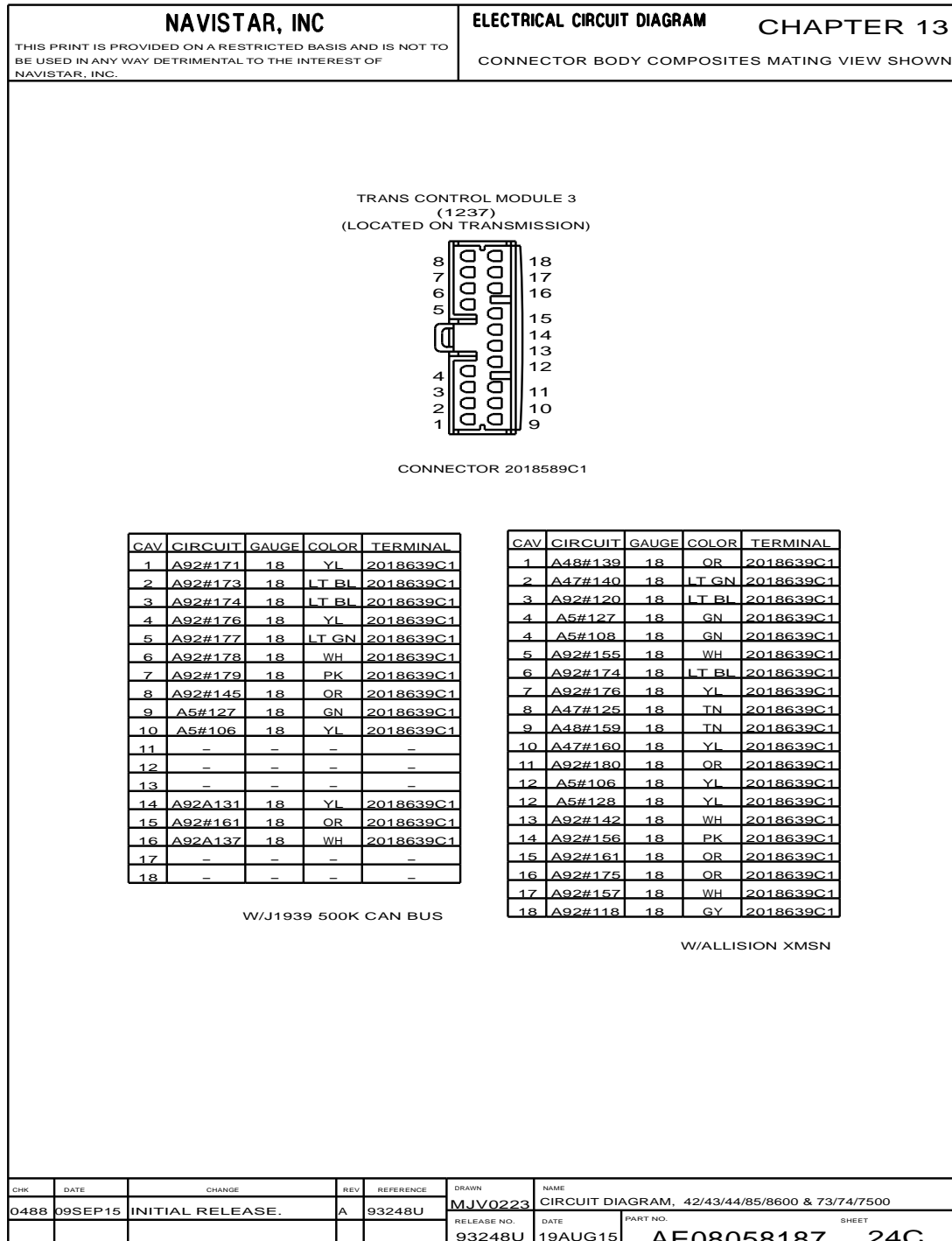


Figure 731 Connector Composites (1237)

13.58. CONNECTOR COMPOSITES (1240F), (1241F), P. 25

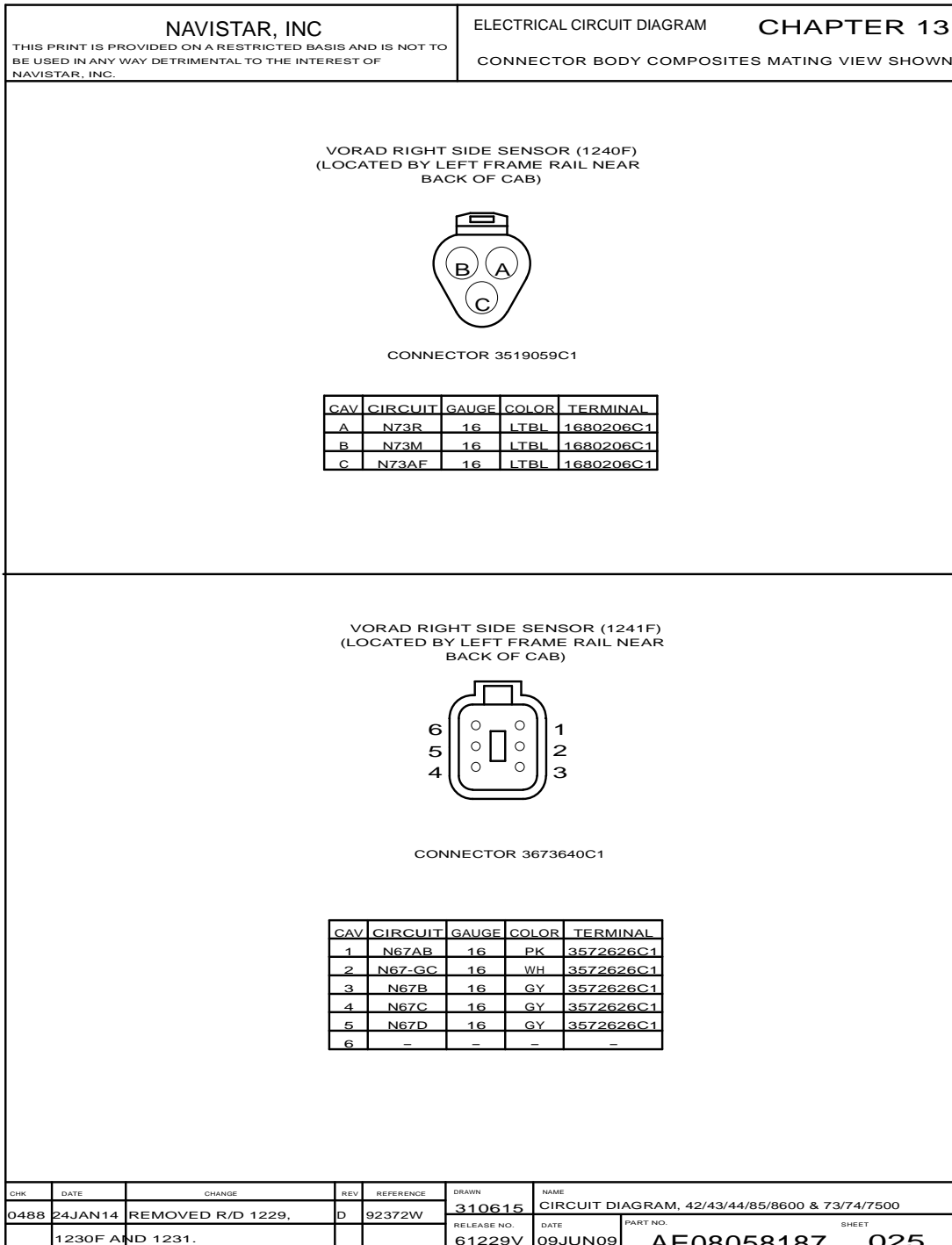


Figure 732 Connector Composites (1240F), (1241F)

13.59. CONNECTOR COMPOSITES (1242), (1243), (1300), (1300A), P. 26

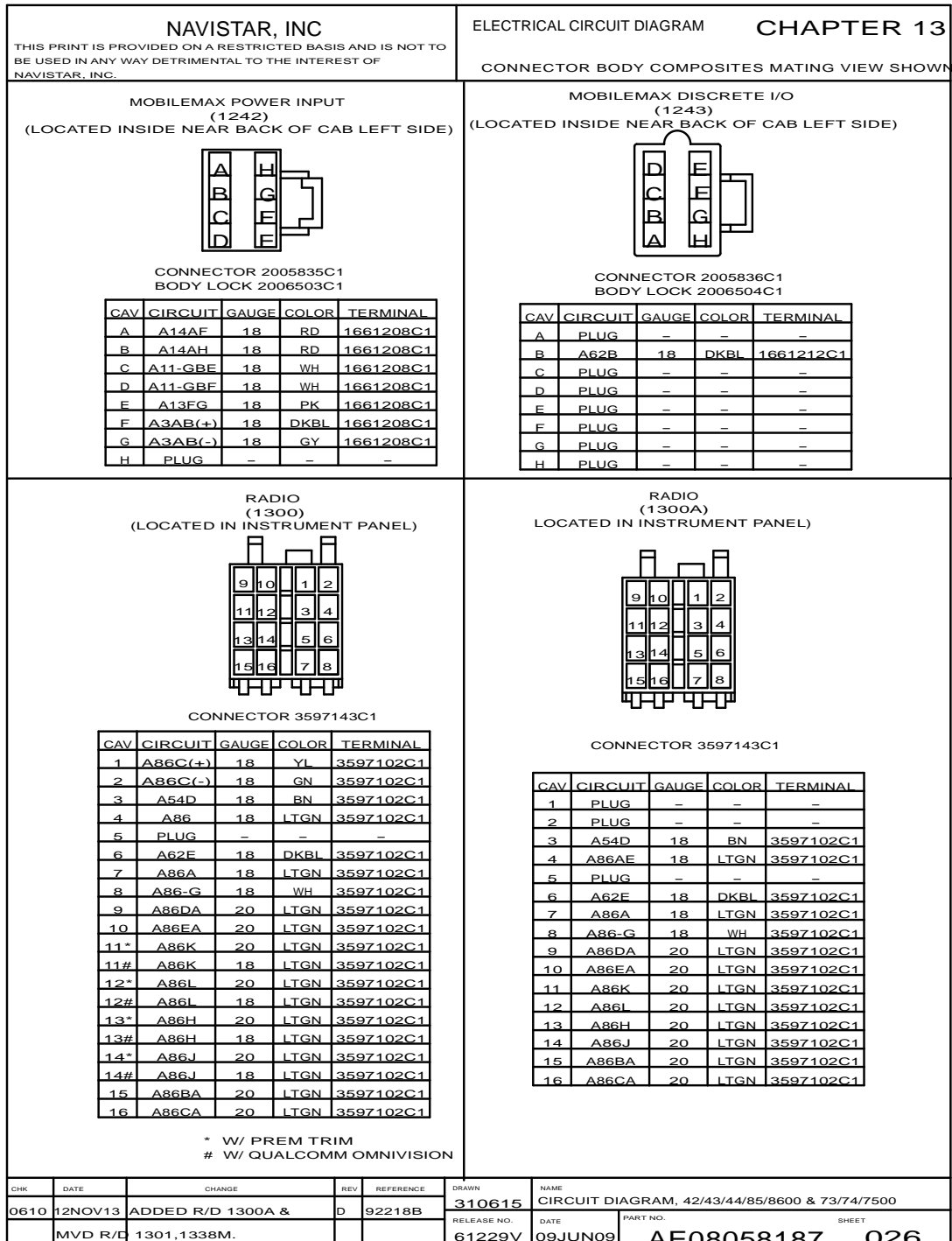


Figure 733 Connector Composites (1242), (1243), (1300), (1300A)

13.60. CONNECTOR COMPOSITES (1301), (1302), P. 26A

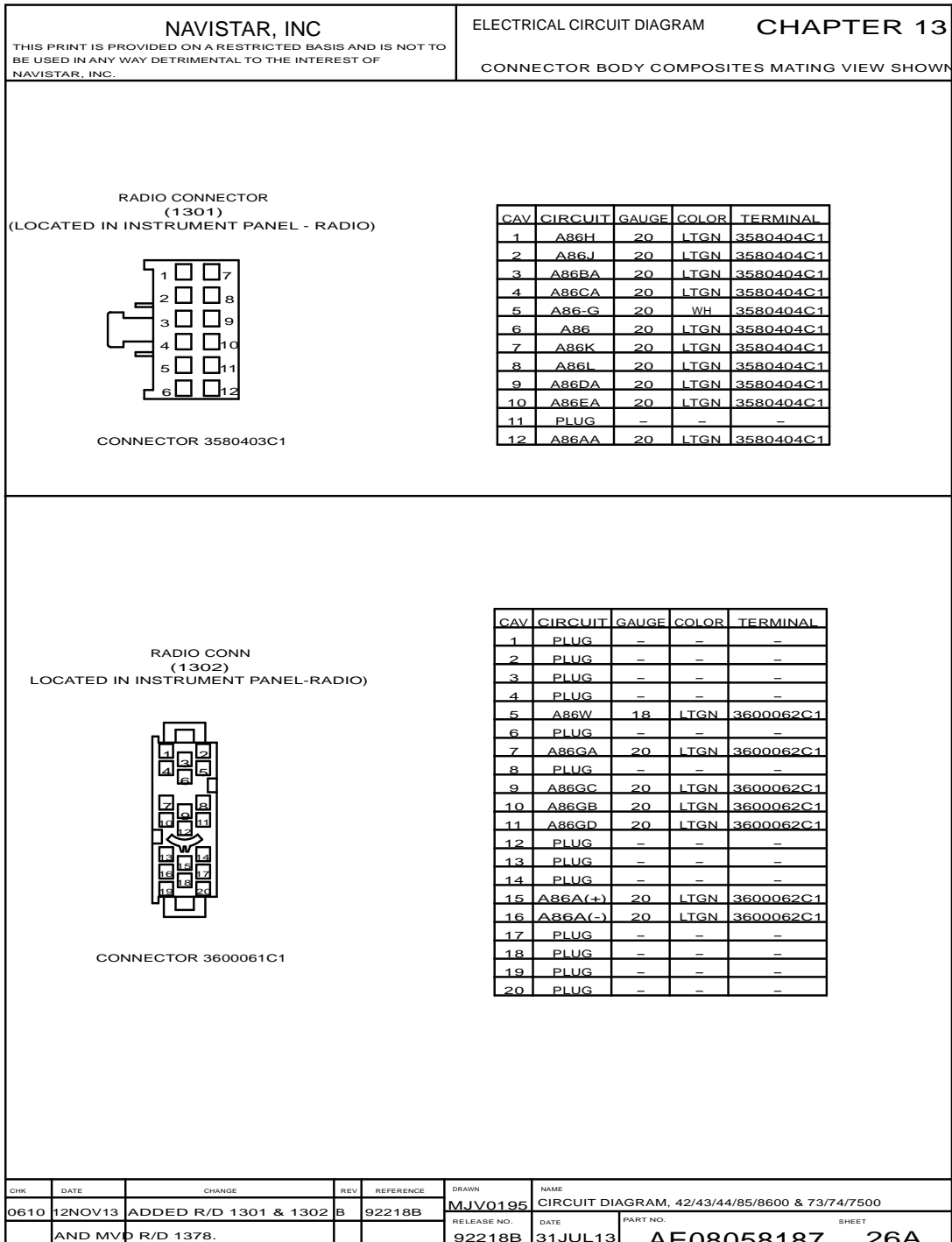


Figure 734 Connector Composites (1301), (1302)

13.61. CONNECTOR COMPOSITES (1303), (1338M), (1378), P. 26B

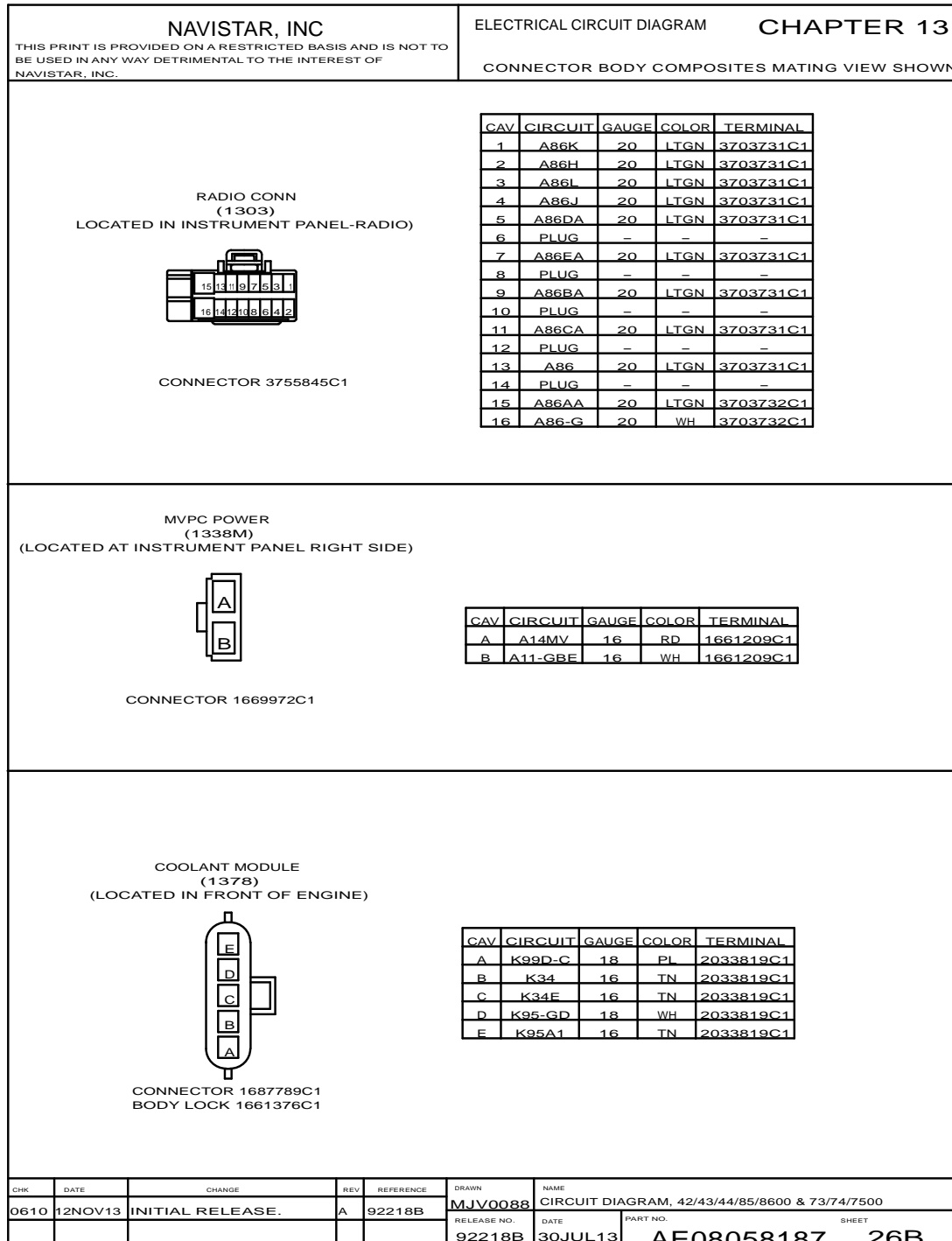


Figure 735 Connector Composites (1303), (1338M), (1378)

13.62. CONNECTOR COMPOSITES (1400), (1401), P. 27

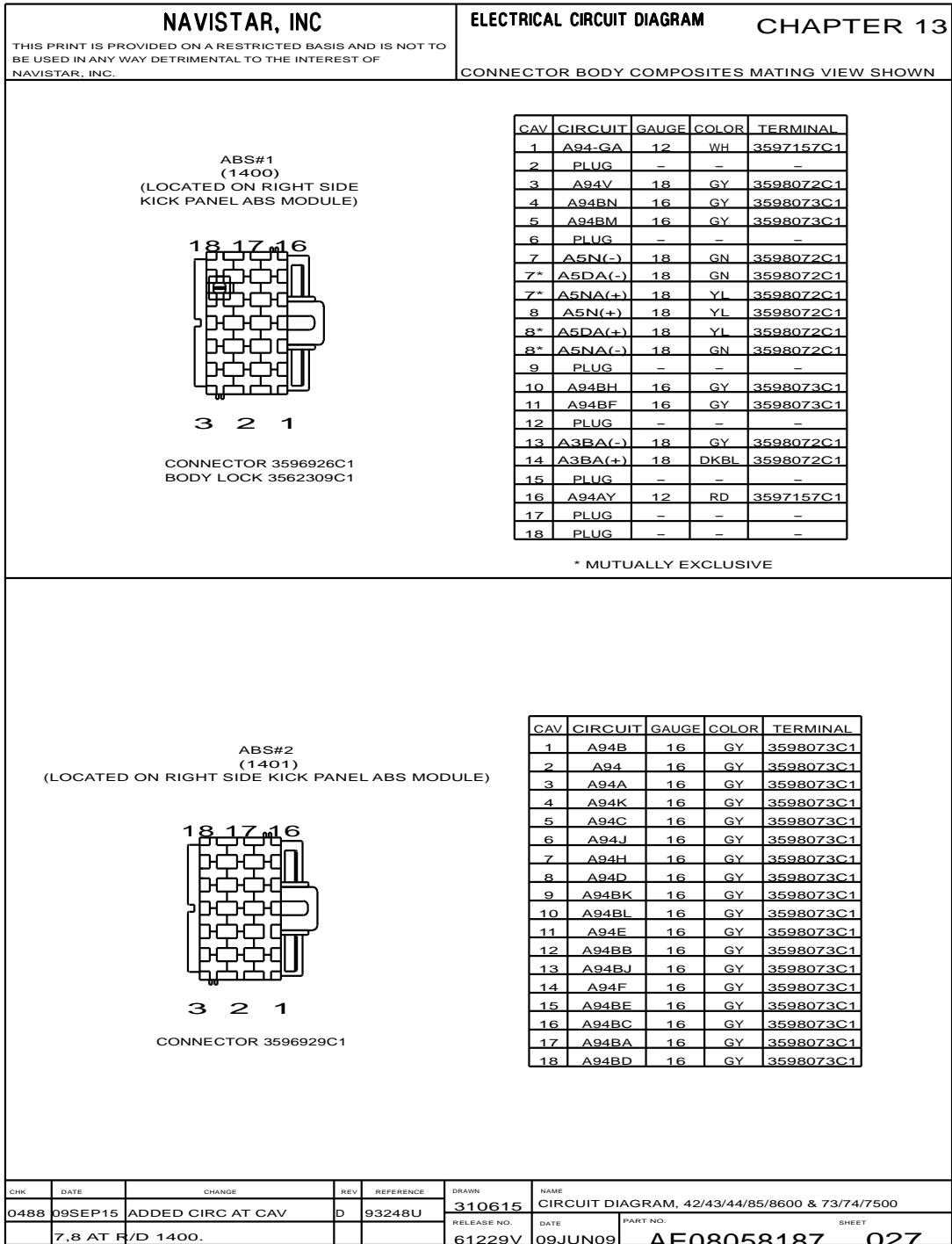


Figure 736 Connector Composites (1400), (1401)

13.63. CONNECTOR COMPOSITES (1402), P. 27A

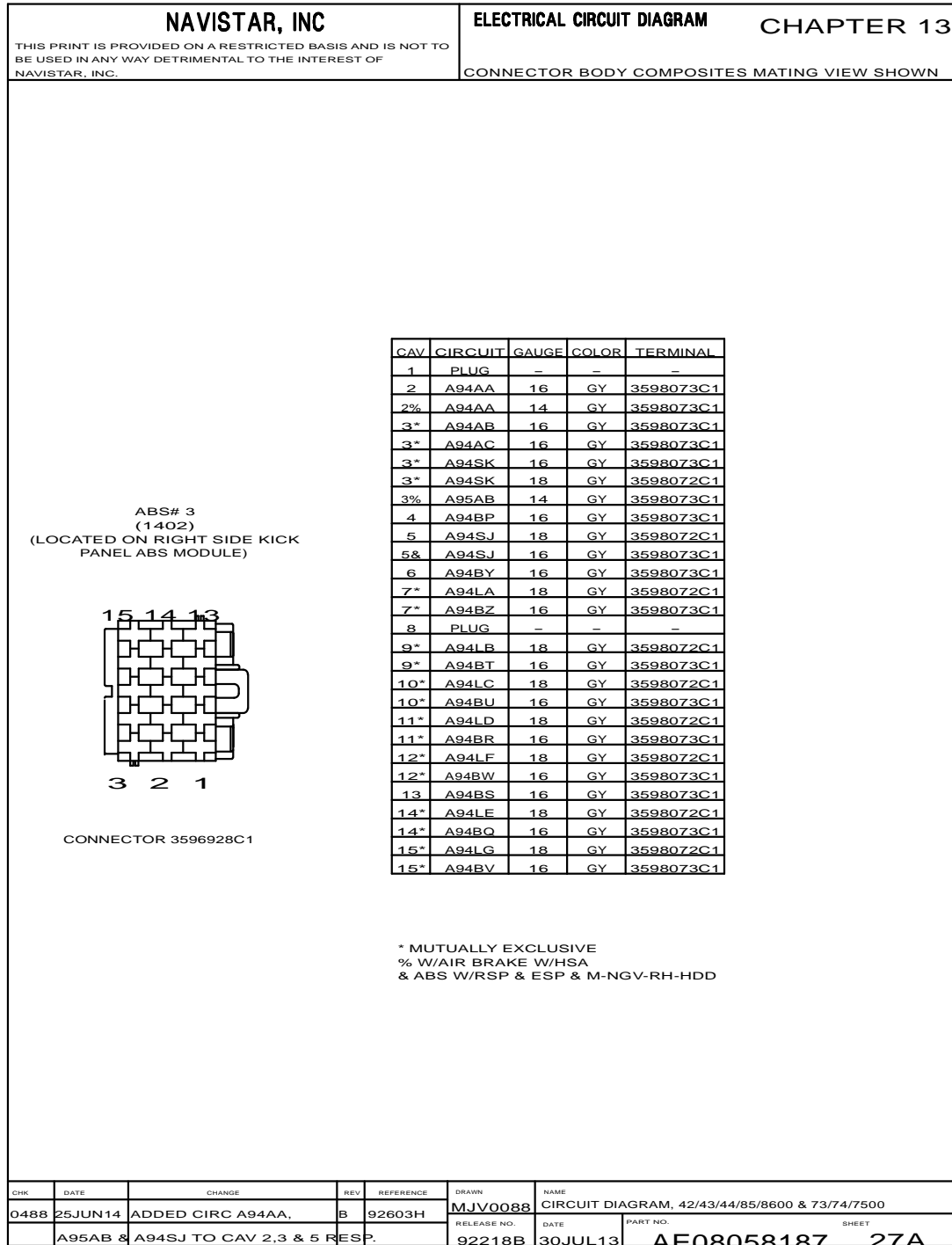


Figure 737 Connector Composites (1402)

13.64. CONNECTOR COMPOSITES (1403), (1410), P. 28

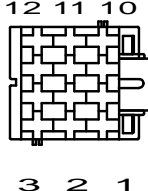
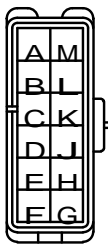
<p style="text-align: center;">NAVISTAR, INC</p> <p style="font-size: small;">THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>	<p style="text-align: right;">ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13</p> <p style="text-align: center;">CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p>																																																																																																																			
<p style="text-align: center;">ABS #4 (1403) (LOCATED AT RIGHT SIDE KICK PANEL ABS MODULE)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR 3596927C1</p>	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1*</td><td>A94SZD</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>1*</td><td>A94SZ</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>1*</td><td>A94SZD</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>2*</td><td>A94SE</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>2*</td><td>A94SE</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>3*</td><td>A94SH</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>3*</td><td>A94SH</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>4*</td><td>A94SVD</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>4*</td><td>A94SV</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>4*</td><td>A94VSD</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>5*</td><td>A94SF</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>5*</td><td>A94SF</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>6*</td><td>A94SL</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>6*</td><td>A94SL</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>7</td><td>A94SDA</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>8</td><td>A94SBA</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>9*</td><td>A94SM</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>9*</td><td>A94SM</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>10</td><td>A94SCA</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>11</td><td>A94SAA</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>12*</td><td>A94SN</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>12*</td><td>A94SN</td><td>18</td><td>GY</td><td>3598072C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">* MUTUALLY EXCLUSIVE</p>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1*	A94SZD	16	GY	3598073C1	1*	A94SZ	18	GY	3598072C1	1*	A94SZD	18	GY	3598072C1	2*	A94SE	16	GY	3598073C1	2*	A94SE	18	GY	3598072C1	3*	A94SH	16	GY	3598073C1	3*	A94SH	18	GY	3598072C1	4*	A94SVD	16	GY	3598073C1	4*	A94SV	18	GY	3598072C1	4*	A94VSD	18	GY	3598072C1	5*	A94SF	16	GY	3598073C1	5*	A94SF	18	GY	3598072C1	6*	A94SL	16	GY	3598073C1	6*	A94SL	18	GY	3598072C1	7	A94SDA	18	GY	3598072C1	8	A94SBA	18	GY	3598072C1	9*	A94SM	16	GY	3598073C1	9*	A94SM	18	GY	3598072C1	10	A94SCA	18	GY	3598072C1	11	A94SAA	18	GY	3598072C1	12*	A94SN	16	GY	3598073C1	12*	A94SN	18	GY	3598072C1
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<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> <tr> <td>0610</td> <td>12NOV13</td> <td>ADDED BODY LOCK FOR</td> <td>C</td> <td>92218B</td> <td>310615</td> <td>CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500</td> </tr> <tr> <td></td> <td>R/D 141D.</td> <td></td> <td></td> <td></td> <td>RELEASE NO. 61229V</td> <td>DATE 09JUN09 PART NO. AE08058187 SHEET 028</td> </tr> </table>					CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	0610	12NOV13	ADDED BODY LOCK FOR	C	92218B	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500		R/D 141D.				RELEASE NO. 61229V	DATE 09JUN09 PART NO. AE08058187 SHEET 028																																																																																											
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Figure 738 Connector Composites (1403), (1410)

13.65. CONNECTOR COMPOSITES (1420), (1421), P. 29

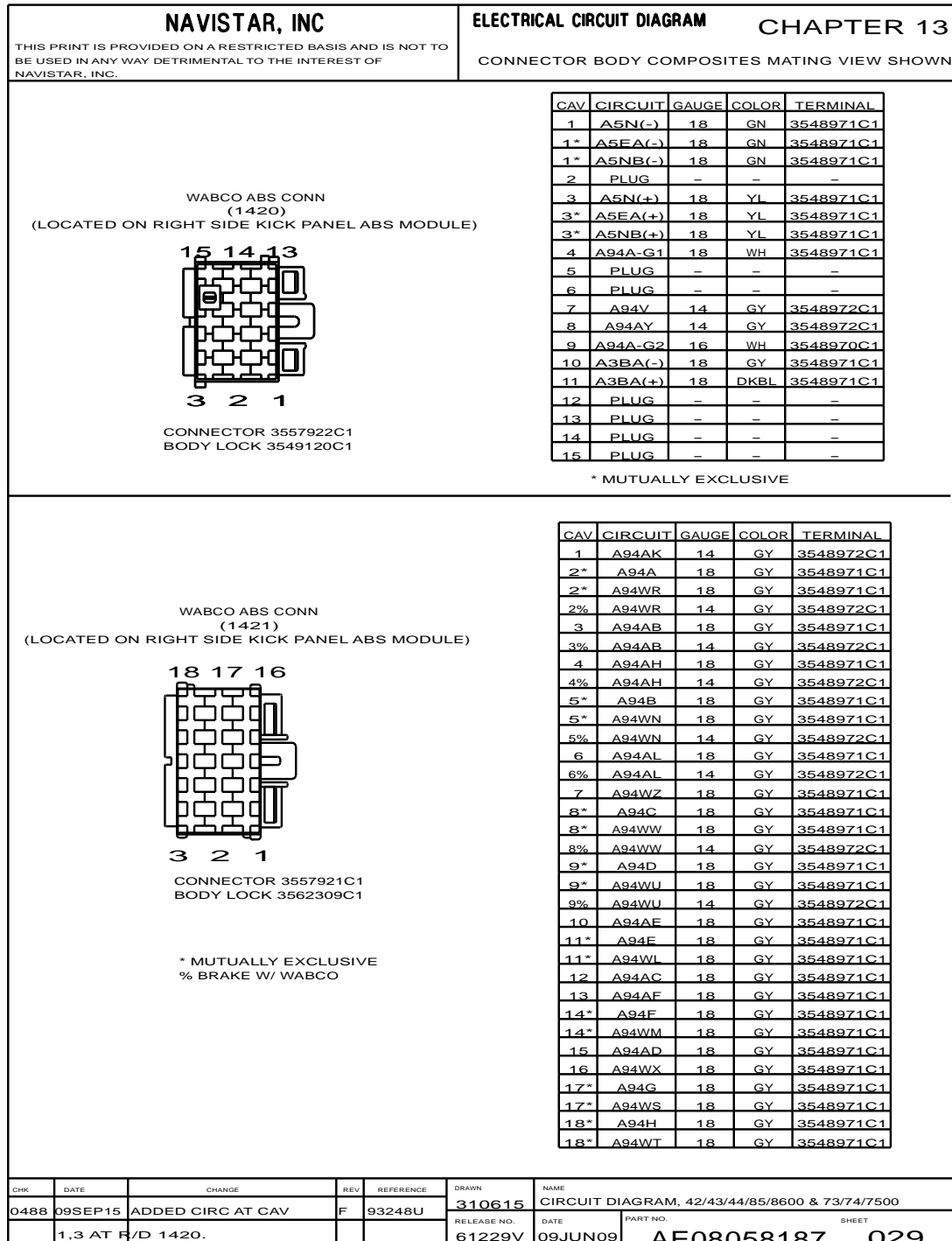


Figure 739 Connector Composites (1420), (1421)

13.66. CONNECTOR COMPOSITES (1422), (1423), (1500), P. 29A

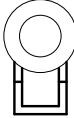
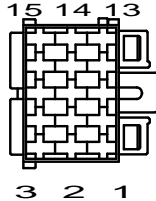
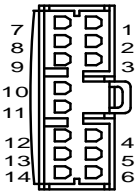
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																					
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<p>DCM BRAKES (1422) (LOCATED IN CAB)</p>  <p>CONNECTOR 1669834C1 BODY LOCK 1675053C1</p>																																																																																																											
<table border="1" style="font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A12A</td><td>16</td><td>LTBL</td><td>2033911C1</td></tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A12A	16	LTBL	2033911C1																																																																																										
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A	A12A	16	LTBL	2033911C1																																																																																																							
<p>WABCO ABS CONN (1423) (LOCATED ON RIGHT SIDE KICK PANEL ABS MODULE)</p>  <p>CONNECTOR 3548978C1 BODY LOCK 3549120C1</p> <p>% - W/ BRAKE - WABCO AIR ABC/AIR ATC</p>																																																																																																											
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<p>CLUSTER CONNECTOR (1500) (LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p>CONNECTOR 3548792C1</p>																																																																																																											
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A94WU	TO R/D 1423.				RELEASE NO.	DATE	PART NO.																																																																																																				
					92218B	30JUL13	AE08058187																																																																																																				
							SHEET 29A																																																																																																				

Figure 740 Connector Composites (1422), (1423), (1500)

13.67. CONNECTOR COMPOSITES (1501), P. 29B

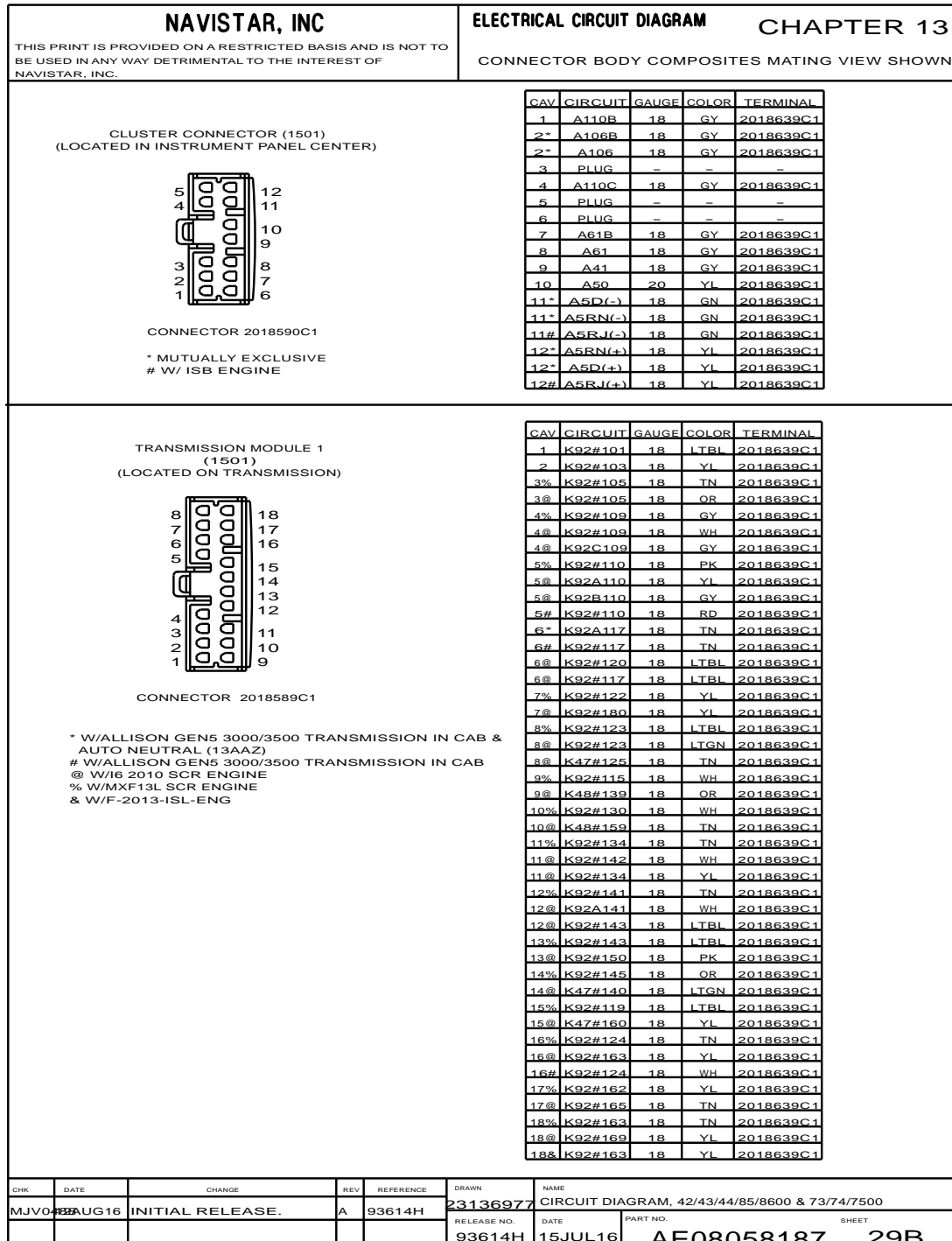


Figure 741 Connector Composites (1501)

13.68. CONNECTOR COMPOSITES (1501), P. 29C

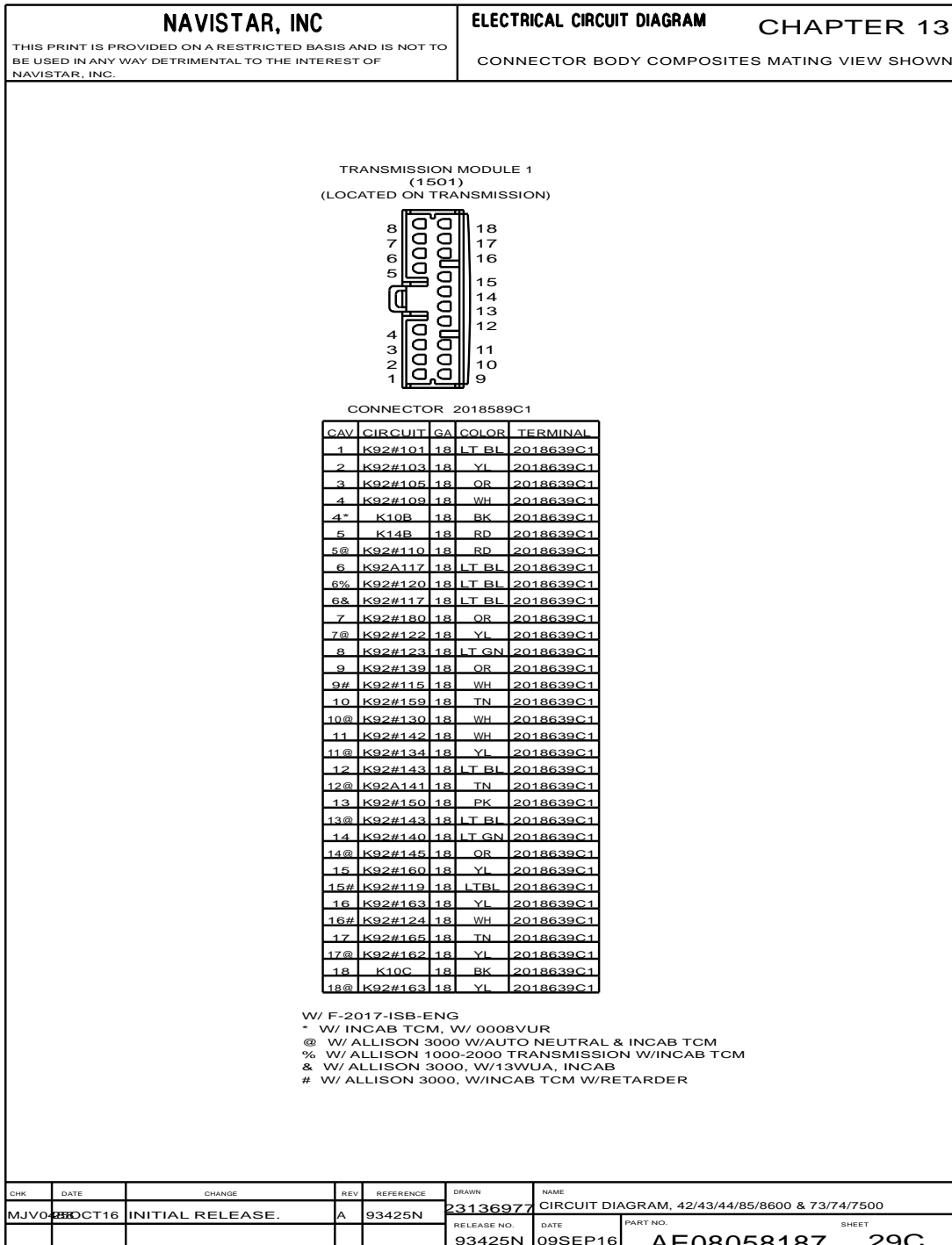


Figure 742 Connector Composites (1501)

13.69. CONNECTOR COMPOSITES (1502), P. 30

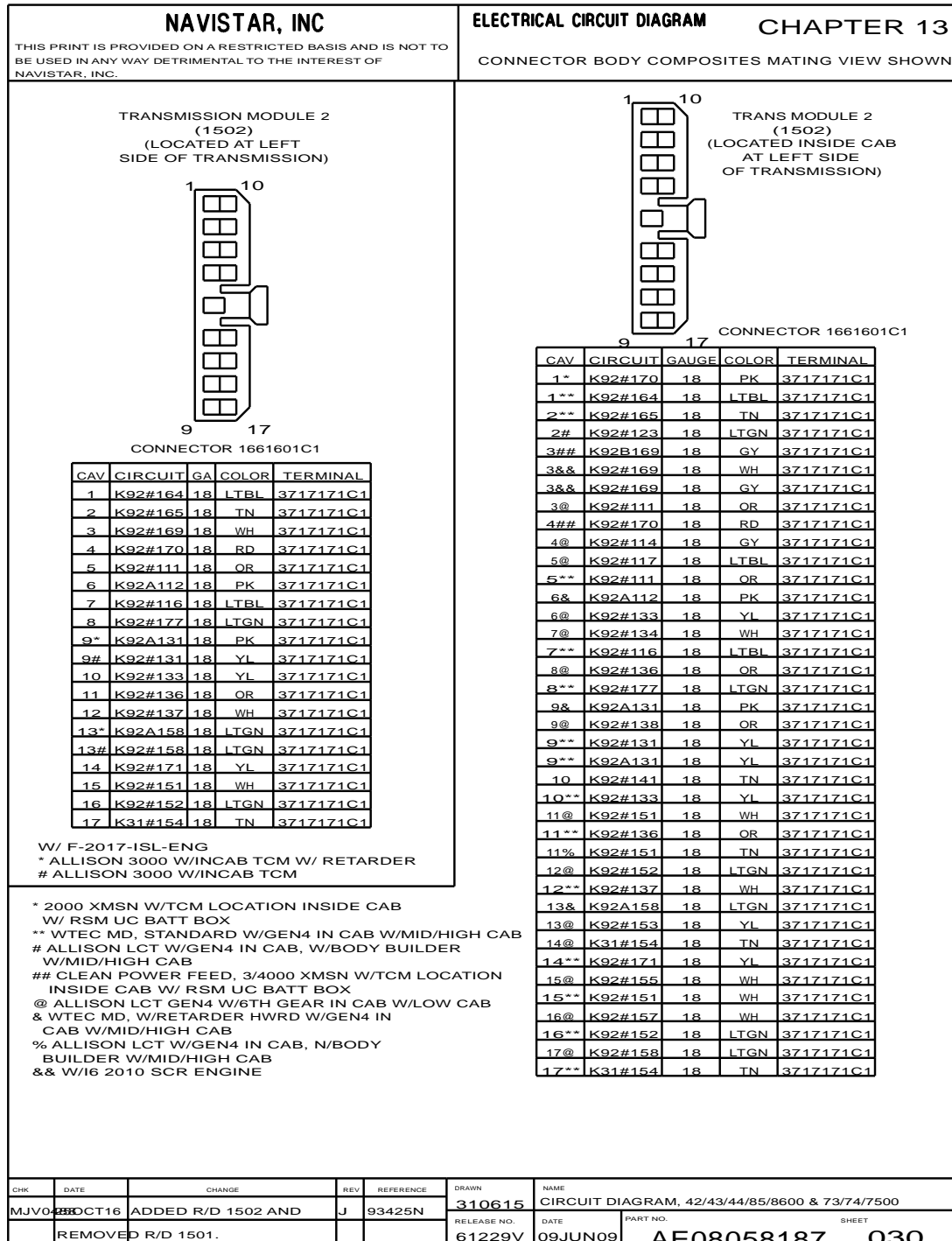


Figure 743 Connector Composites (1502)

13.70. CONNECTOR COMPOSITES (1502), (1503), P. 30A

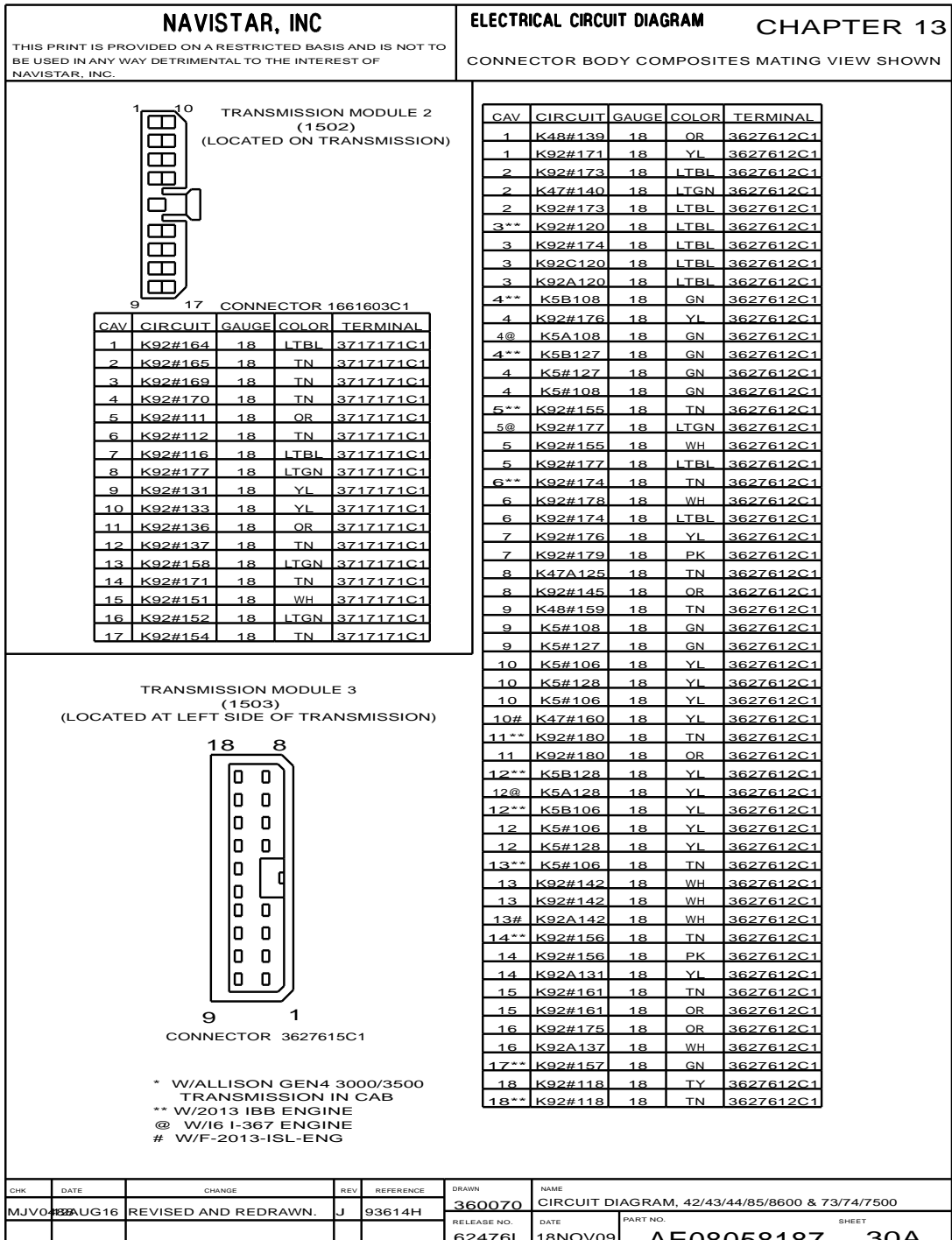


Figure 744 Connector Composites (1502), (1503)

13.71. CONNECTOR COMPOSITES (1503), P. 30B

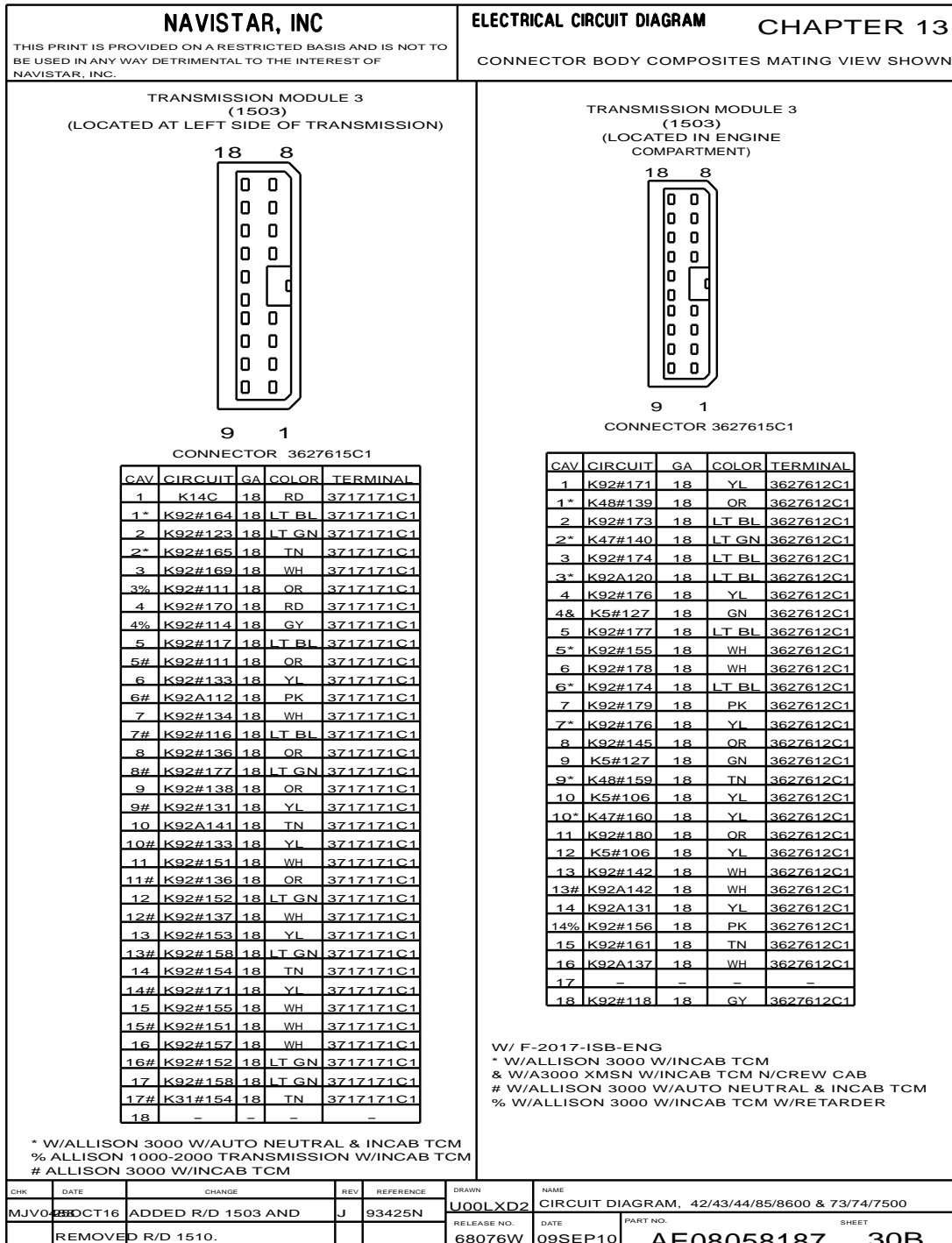


Figure 745 Connector Composites (1503)

13.72. CONNECTOR COMPOSITES (1510), (1511), (1512), (1559), P. 30C

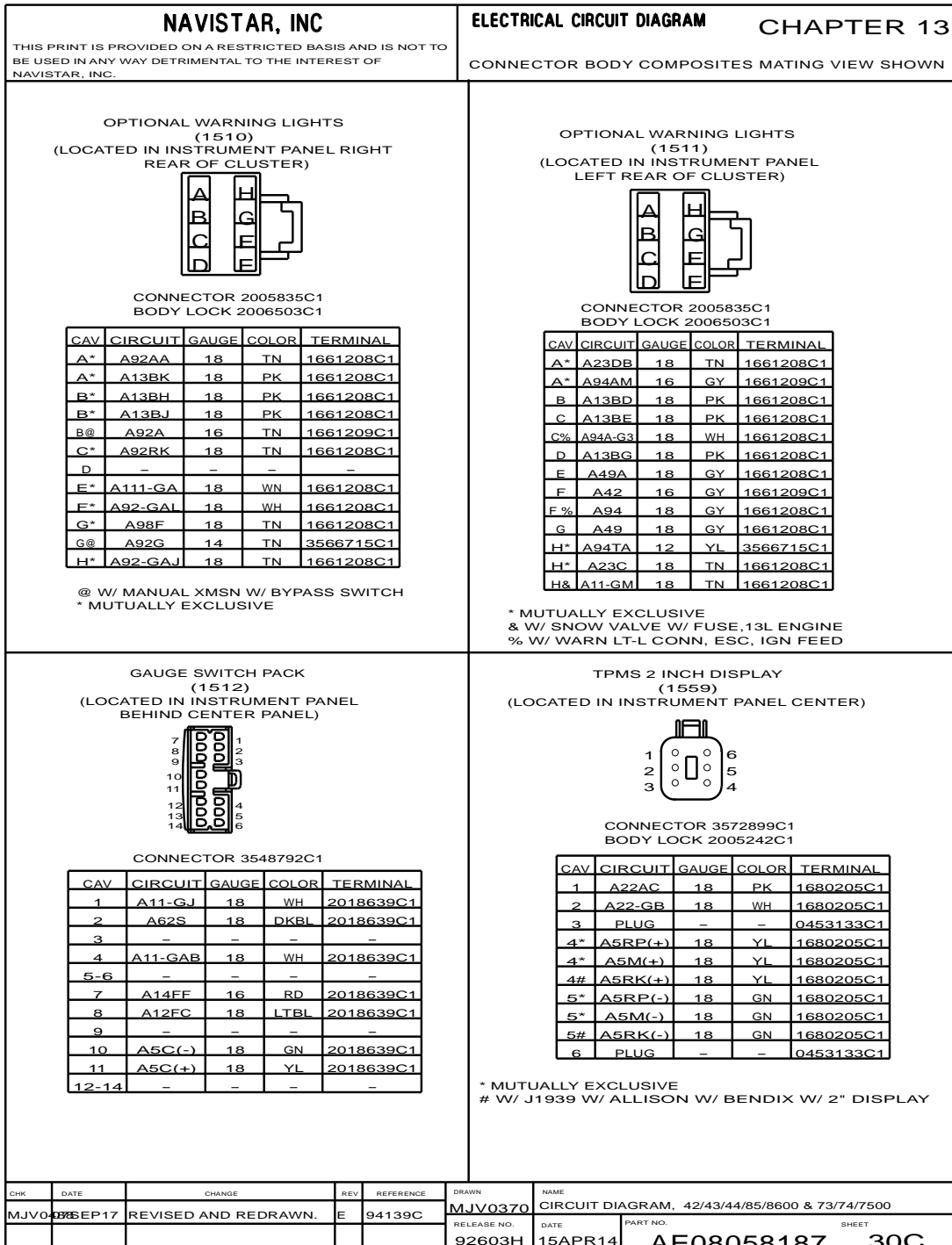


Figure 746 Connector Composites (1510), (1511), (1512), (1559)

13.73. CONNECTOR COMPOSITES (1600), P. 31

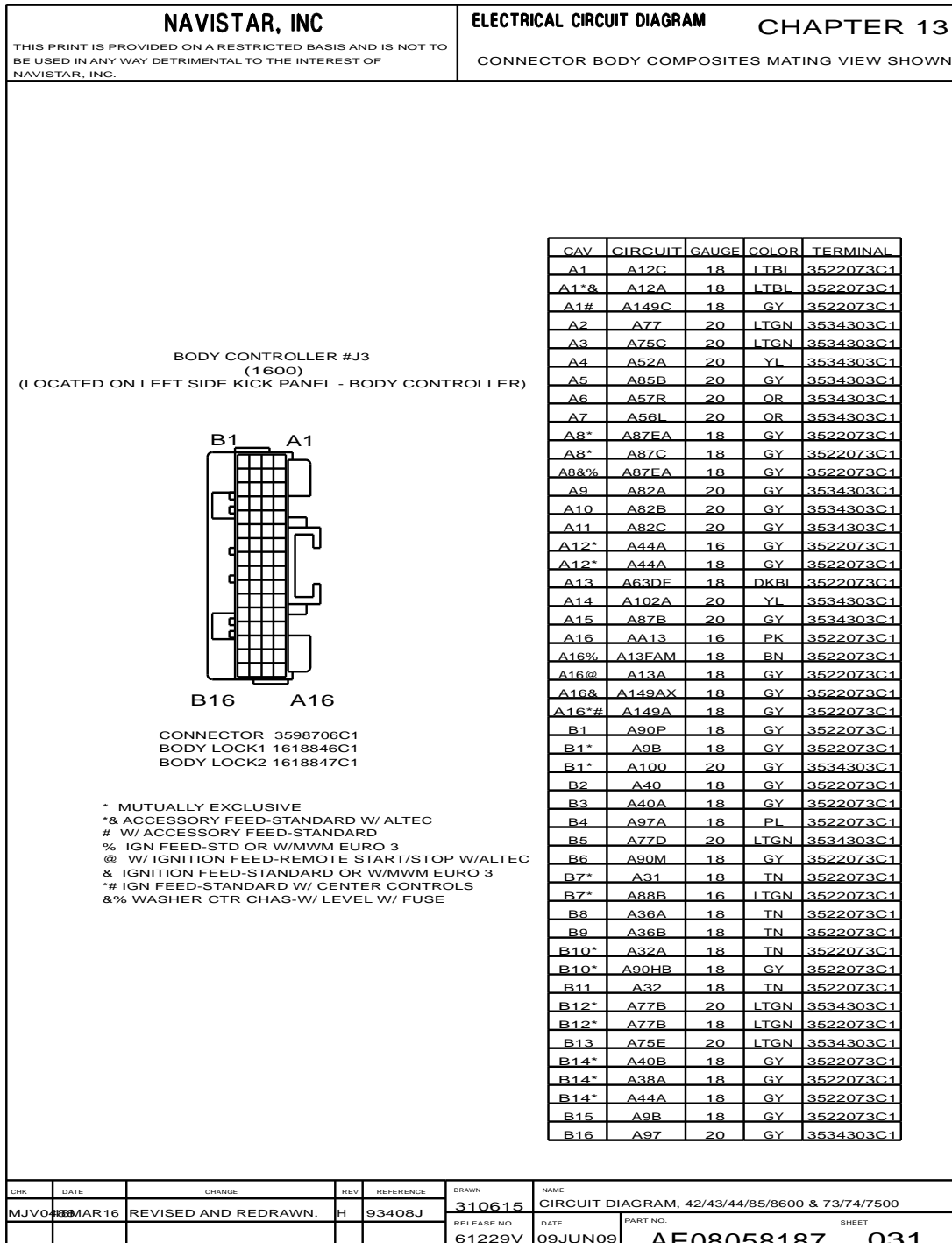
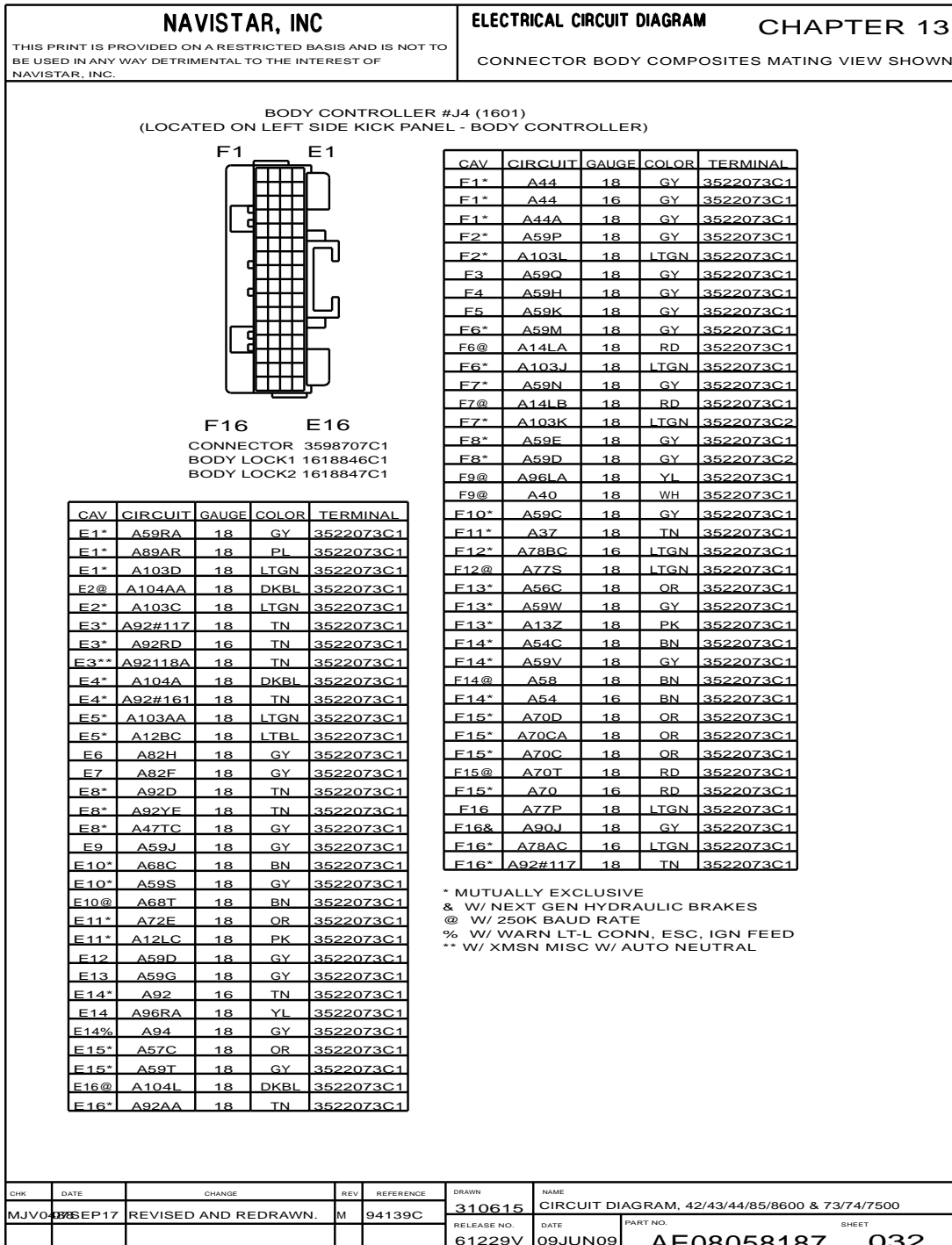


Figure 747 Connector Composites (1600)

13.74. CONNECTOR COMPOSITES (1601), P. 32



* MUTUALLY EXCLUSIVE & W/ NEXT GEN HYDRAULIC BRAKES
 @ W/ 250K BAUD RATE
 % W/ WARN LT-L CONN, ESC, IGN FEED
 ** W/ XMSN MISC W/ AUTO NEUTRAL

Figure 748 Connector Composites (1601)

13.75. CONNECTOR COMPOSITES (1602), P. 33

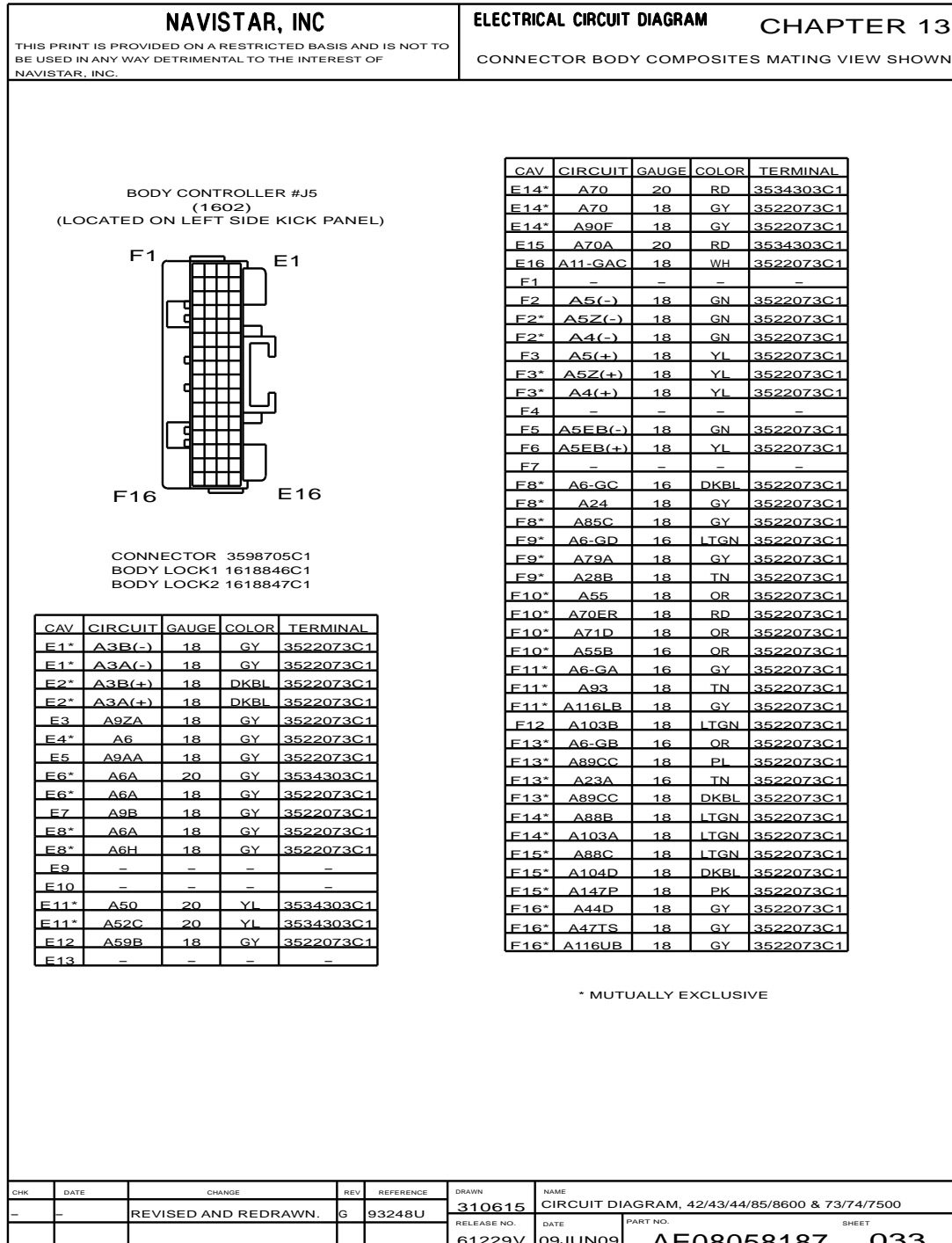


Figure 749 Connector Composites (1602)

13.76. CONNECTOR COMPOSITES (1603), (1604), (1606), P. 34

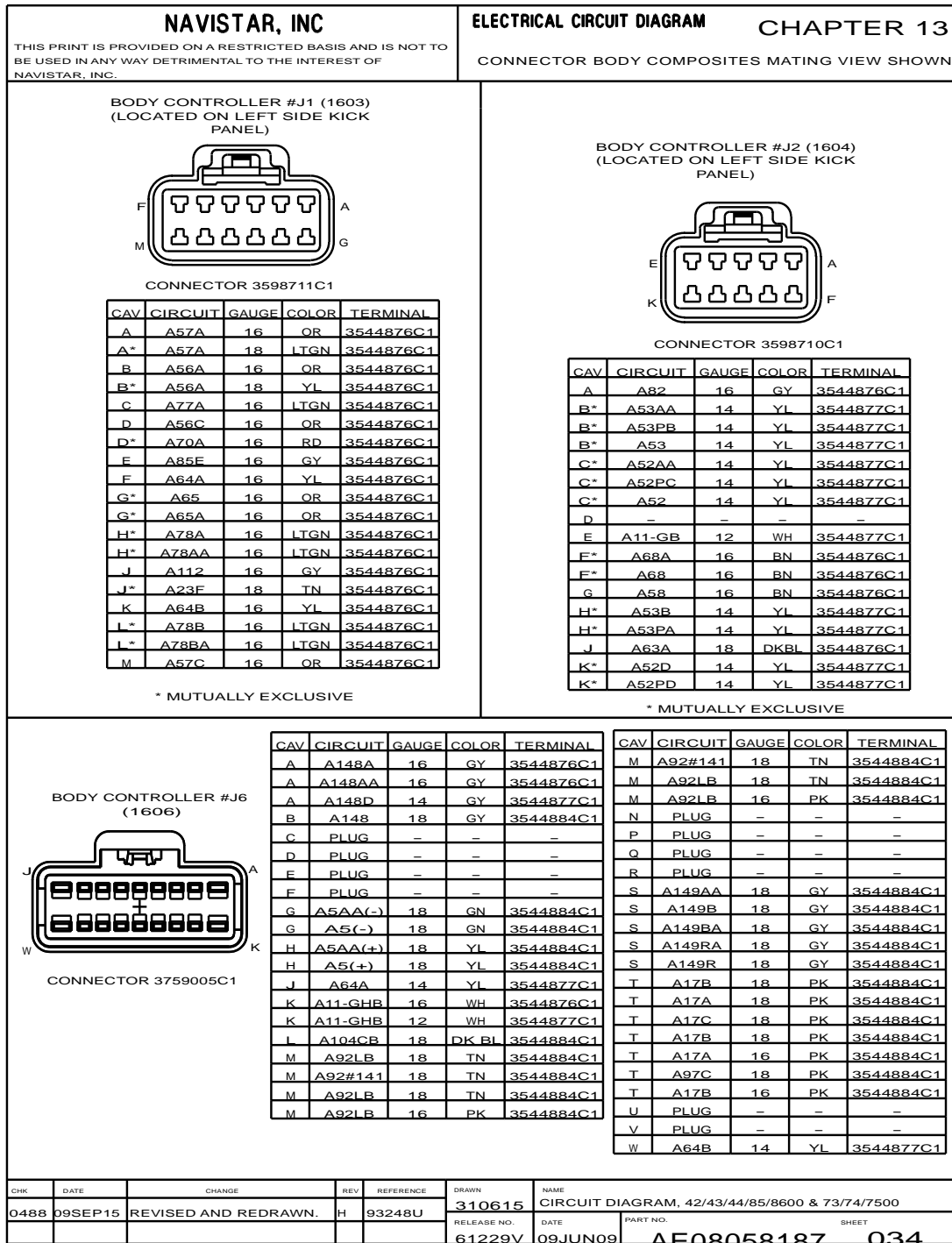


Figure 750 Connector Composites (1603), (1604), (1606)

13.77. CONNECTOR COMPOSITES (1607), (1625), (1626), P. 35

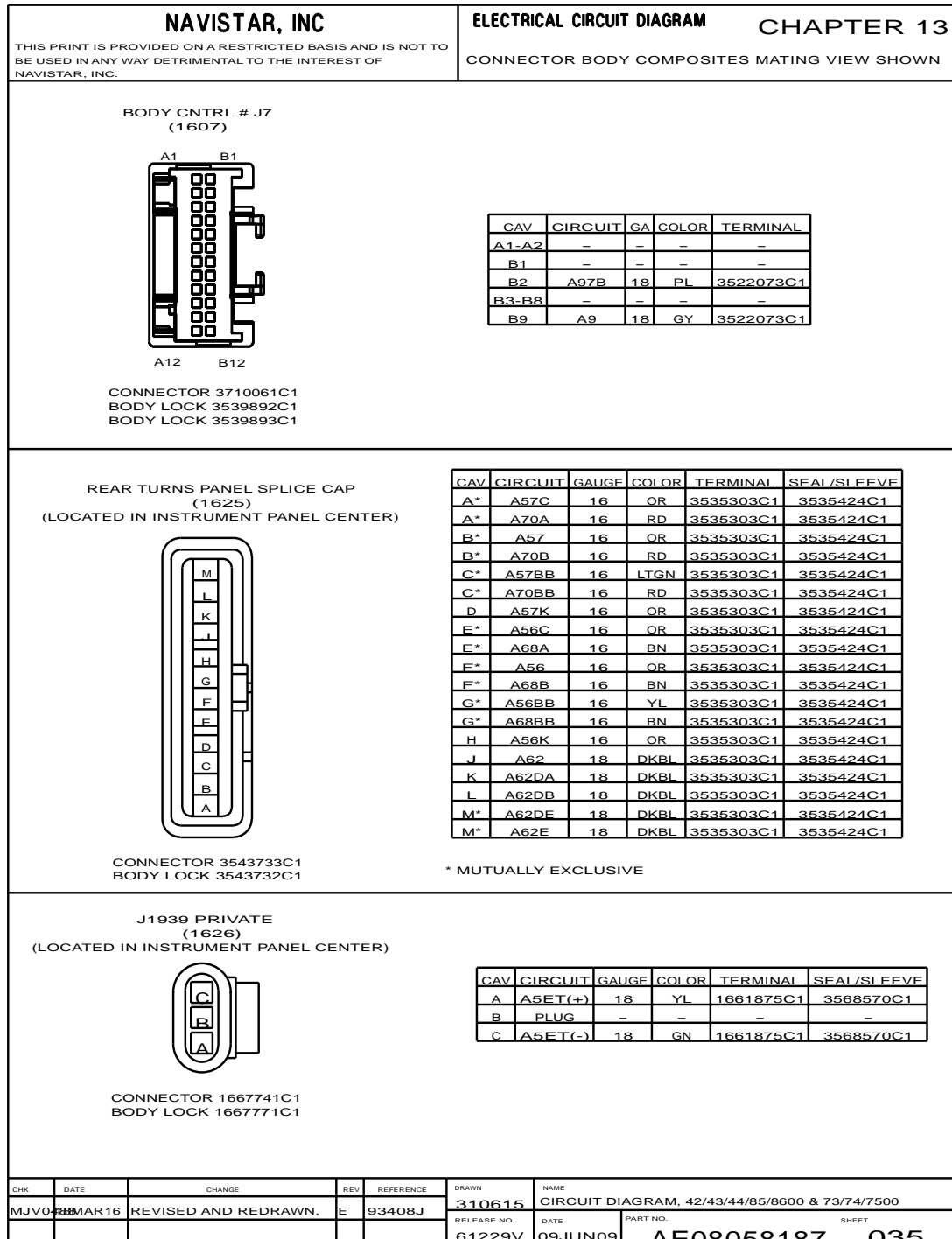


Figure 751 Connector Composites (1607), (1625), (1626)

13.78. CONNECTOR COMPOSITES (1650), (1657), (1657M), P. 35A

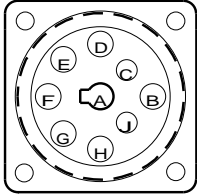
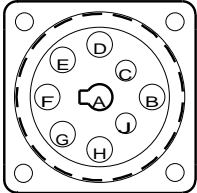

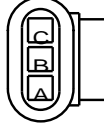
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<p>DIAGNOSTIC CONNECTOR (1650) (LOCATED UNDER INSTRUMENT PANEL LEFT OF STEERING COLUMN)</p> 				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A98-G</td><td>18</td><td>WH</td><td>1680206C1</td></tr> <tr><td>B</td><td>A98H</td><td>18</td><td>BK</td><td>1680206C1</td></tr> <tr><td>C*</td><td>A5B(+)</td><td>18</td><td>YL</td><td>1680206C1</td></tr> <tr><td>C*</td><td>A5D(+)</td><td>18</td><td>YL</td><td>1680206C1</td></tr> <tr><td>C#</td><td>A5C(+)</td><td>18</td><td>YL</td><td>1680206C1</td></tr> <tr><td>D*</td><td>A5B(-)</td><td>18</td><td>GN</td><td>1680206C1</td></tr> <tr><td>D*</td><td>A5D(-)</td><td>18</td><td>GN</td><td>1680206C1</td></tr> <tr><td>D#</td><td>A5C(-)</td><td>18</td><td>GN</td><td>1680206C1</td></tr> <tr><td>E</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>A3CC(+)</td><td>18</td><td>DKBL</td><td>1680206C1</td></tr> <tr><td>G</td><td>A3CC(-)</td><td>18</td><td>GY</td><td>1680206C1</td></tr> <tr><td>H</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>J*</td><td>A98A</td><td>18</td><td>GY</td><td>1680206C1</td></tr> </tbody> </table> <p style="font-size: x-small;">* MUTUALLY EXCLUSIVE # W/ ISB ENGINE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A98-G	18	WH	1680206C1	B	A98H	18	BK	1680206C1	C*	A5B(+)	18	YL	1680206C1	C*	A5D(+)	18	YL	1680206C1	C#	A5C(+)	18	YL	1680206C1	D*	A5B(-)	18	GN	1680206C1	D*	A5D(-)	18	GN	1680206C1	D#	A5C(-)	18	GN	1680206C1	E	PLUG	-	-	-	F	A3CC(+)	18	DKBL	1680206C1	G	A3CC(-)	18	GY	1680206C1	H	PLUG	-	-	-	J*	A98A	18	GY	1680206C1
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<p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A*</td><td>A5LI(+)</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>A5LI(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr> </tbody> </table> <p style="font-size: x-small;">* MUTUALLY EXCLUSIVE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	A5LI(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	C*	A5LI(-)	18	GN	1661875C1	3568570C1	<p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A*</td><td>M5C(+)</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>A*</td><td>M5B(+)</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>M5C(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>C*</td><td>M5B(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr> </tbody> </table> <p style="font-size: x-small;">* MUTUALLY EXCLUSIVE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	M5C(+)	18	YL	1661875C1	3568570C1	A*	M5B(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	C*	M5C(-)	18	GN	1661875C1	3568570C1	C*	M5B(-)	18	GN	1661875C1	3568570C1										
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92218B		30JUL13		AE08058187		35A																																																																							

Figure 752 Connector Composites (1650), (1657), (1657M)

13.79. CONNECTOR COMPOSITES (1658), (1658M), (1660), (1661), P. 36

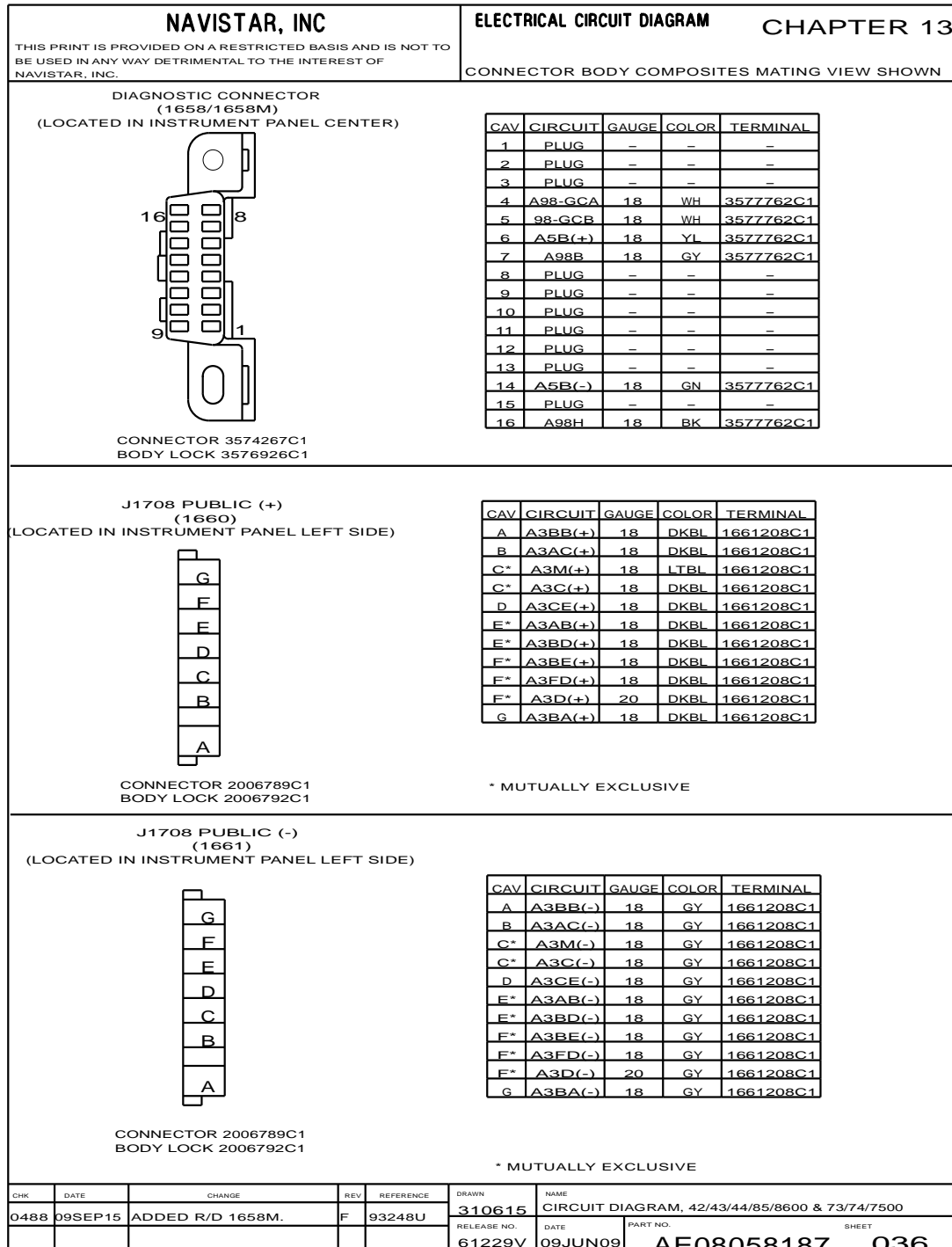


Figure 753 Connector Composites (1658), (1658M), (1660), (1661)

13.80. CONNECTOR COMPOSITES (1700), P. 37

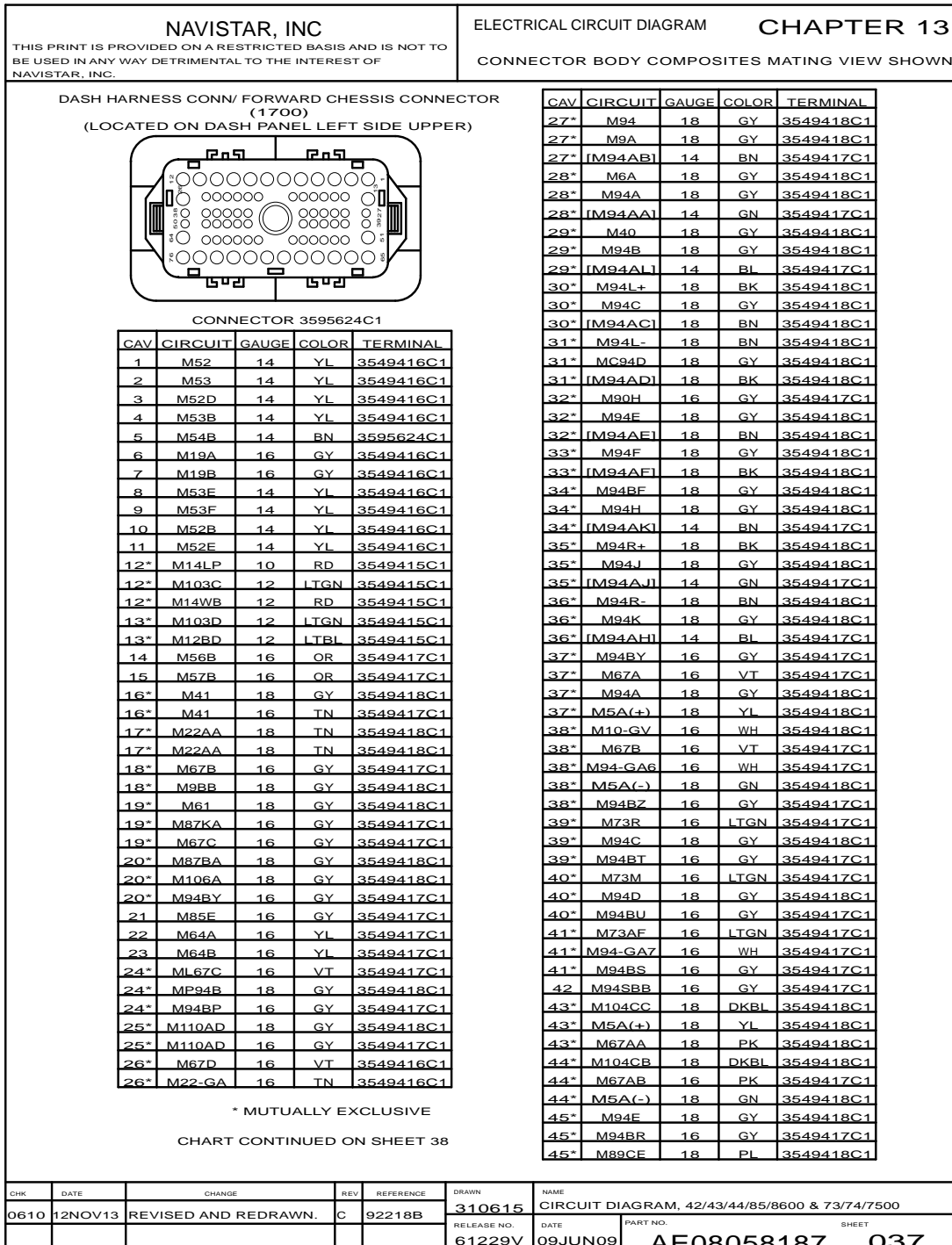


Figure 754 Connector Composites (1700)

13.81. CONNECTOR COMPOSITES (1700), P. 38

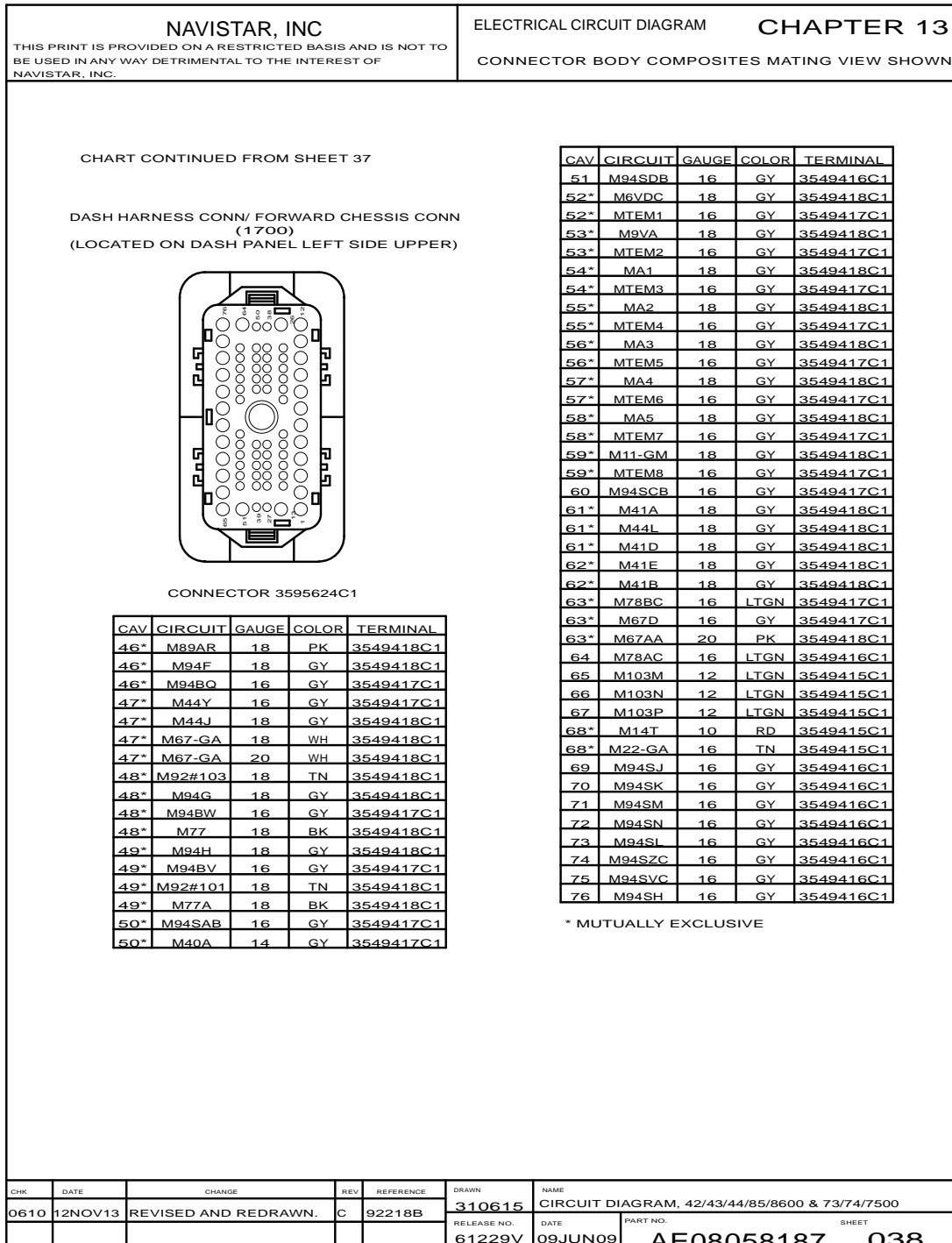


Figure 755 Connector Composites (1700)

13.82. CONNECTOR COMPOSITES (1700), P. 38A

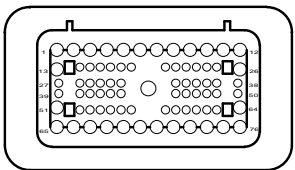
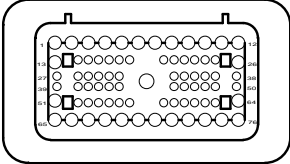
<p>NAVISTAR, INC</p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>	<p>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13</p> <p>CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p>																																																																																																																																																																																																																																						
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<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>M52</td><td>14</td><td>YL</td><td>3549416C1</td></tr> <tr><td>2</td><td>M53</td><td>14</td><td>YL</td><td>3549416C1</td></tr> <tr><td>3</td><td>M52D</td><td>14</td><td>YL</td><td>3549416C1</td></tr> <tr><td>4</td><td>M53B</td><td>14</td><td>YL</td><td>3549416C1</td></tr> <tr><td>5</td><td>M54B</td><td>14</td><td>BN</td><td>3549416C1</td></tr> <tr><td>6*</td><td>IM19A</td><td>16</td><td>GY</td><td>3549416C1</td></tr> <tr><td>6#</td><td>M19</td><td>14</td><td>GY</td><td>3549416C1</td></tr> <tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>3598921C1</td></tr> <tr><td>8</td><td>M53E</td><td>14</td><td>YL</td><td>3549416C1</td></tr> <tr><td>8^</td><td>M64OL</td><td>14</td><td>YL</td><td>3549416C1</td></tr> <tr><td>9</td><td>M53F</td><td>14</td><td>YL</td><td>3549416C1</td></tr> <tr><td>9^</td><td>M64HI</td><td>14</td><td>YL</td><td>3549416C1</td></tr> <tr><td>10</td><td>M52B</td><td>14</td><td>YL</td><td>3549416C1</td></tr> <tr><td>11</td><td>M52E</td><td>14</td><td>YL</td><td>3549416C1</td></tr> <tr><td>12</td><td>M103C</td><td>12</td><td>LTGN</td><td>3549415C1</td></tr> <tr><td>13</td><td>M103D</td><td>12</td><td>LTGN</td><td>3549415C1</td></tr> <tr><td>14</td><td>M56B</td><td>16</td><td>OR</td><td>3549417C1</td></tr> <tr><td>15</td><td>M57B</td><td>16</td><td>OR</td><td>3549417C1</td></tr> <tr><td>16</td><td>PLUG</td><td>-</td><td>-</td><td>3598921C1</td></tr> <tr><td>17</td><td>M87C</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>18</td><td>M9BB</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>19</td><td>M87KA</td><td>16</td><td>GY</td><td>3549417C1</td></tr> <tr><td>20</td><td>M87BA</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>21</td><td>M85E</td><td>16</td><td>GY</td><td>3549417C1</td></tr> <tr><td>22</td><td>M64A</td><td>16</td><td>YL</td><td>3549417C1</td></tr> <tr><td>23</td><td>M64B</td><td>16</td><td>YL</td><td>3549417C1</td></tr> <tr><td>24</td><td>M94BP</td><td>16</td><td>GY</td><td>3549417C1</td></tr> <tr><td>24^</td><td>M67AA</td><td>20</td><td>PK</td><td>3549418C1</td></tr> <tr><td>24</td><td>M94B</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>24</td><td>M67C</td><td>16</td><td>VT</td><td>3549417C1</td></tr> <tr><td>25</td><td>PLUG</td><td>-</td><td>-</td><td>3598921C1</td></tr> <tr><td>26</td><td>PLUG</td><td>-</td><td>-</td><td>3598921C1</td></tr> <tr><td>27@</td><td>M94</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>27%</td><td>M94AB</td><td>14</td><td>GY</td><td>3549417C1</td></tr> <tr><td>27&</td><td>M9A</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>28@</td><td>M94AA</td><td>14</td><td>GY</td><td>3549417C1</td></tr> <tr><td>28%</td><td>M94A</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>28&</td><td>M6A</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>29@</td><td>M40</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>29%</td><td>M94B</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>29&</td><td>M94AL</td><td>14</td><td>GY</td><td>3549417C1</td></tr> <tr><td>30@</td><td>M94C</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>30**</td><td>M94L(+)</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>30%</td><td>M94AC</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>31@</td><td>M94D</td><td>18</td><td>GY</td><td>3549418C1</td></tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	M52	14	YL	3549416C1	2	M53	14	YL	3549416C1	3	M52D	14	YL	3549416C1	4	M53B	14	YL	3549416C1	5	M54B	14	BN	3549416C1	6*	IM19A	16	GY	3549416C1	6#	M19	14	GY	3549416C1	7	PLUG	-	-	3598921C1	8	M53E	14	YL	3549416C1	8^	M64OL	14	YL	3549416C1	9	M53F	14	YL	3549416C1	9^	M64HI	14	YL	3549416C1	10	M52B	14	YL	3549416C1	11	M52E	14	YL	3549416C1	12	M103C	12	LTGN	3549415C1	13	M103D	12	LTGN	3549415C1	14	M56B	16	OR	3549417C1	15	M57B	16	OR	3549417C1	16	PLUG	-	-	3598921C1	17	M87C	18	GY	3549418C1	18	M9BB	18	GY	3549418C1	19	M87KA	16	GY	3549417C1	20	M87BA	18	GY	3549418C1	21	M85E	16	GY	3549417C1	22	M64A	16	YL	3549417C1	23	M64B	16	YL	3549417C1	24	M94BP	16	GY	3549417C1	24^	M67AA	20	PK	3549418C1	24	M94B	18	GY	3549418C1	24	M67C	16	VT	3549417C1	25	PLUG	-	-	3598921C1	26	PLUG	-	-	3598921C1	27@	M94	18	GY	3549418C1	27%	M94AB	14	GY	3549417C1	27&	M9A	18	GY	3549418C1	28@	M94AA	14	GY	3549417C1	28%	M94A	18	GY	3549418C1	28&	M6A	18	GY	3549418C1	29@	M40	18	GY	3549418C1	29%	M94B	18	GY	3549418C1	29&	M94AL	14	GY	3549417C1	30@	M94C	18	GY	3549418C1	30**	M94L(+)	18	GY	3549418C1	30%	M94AC	18	GY	3549418C1	31@	M94D	18	GY	3549418C1	<p>* DUAL FUEL/WATER SEPARATOR, LOW CAB/MID CAB # FUEL/WATER SEPARATOR, MID CAB @ BENDIX AIR ABS, LOW CAB % WABCO AIR ABS, LOW CAB & COMPRESSOR/TANK FOR HYD CHASSIS ** WABCO HYD ABS, LOW CAB ## BENDIX ABS 6CH N/ADV ^ W/SNOW PLOW LIGHTS</p> <p style="text-align: right;">CHART CONT ON SHEET 38B</p>
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																																																																																																																																																			
1	M52	14	YL	3549416C1																																																																																																																																																																																																																																			
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5	M54B	14	BN	3549416C1																																																																																																																																																																																																																																			
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7	PLUG	-	-	3598921C1																																																																																																																																																																																																																																			
8	M53E	14	YL	3549416C1																																																																																																																																																																																																																																			
8^	M64OL	14	YL	3549416C1																																																																																																																																																																																																																																			
9	M53F	14	YL	3549416C1																																																																																																																																																																																																																																			
9^	M64HI	14	YL	3549416C1																																																																																																																																																																																																																																			
10	M52B	14	YL	3549416C1																																																																																																																																																																																																																																			
11	M52E	14	YL	3549416C1																																																																																																																																																																																																																																			
12	M103C	12	LTGN	3549415C1																																																																																																																																																																																																																																			
13	M103D	12	LTGN	3549415C1																																																																																																																																																																																																																																			
14	M56B	16	OR	3549417C1																																																																																																																																																																																																																																			
15	M57B	16	OR	3549417C1																																																																																																																																																																																																																																			
16	PLUG	-	-	3598921C1																																																																																																																																																																																																																																			
17	M87C	18	GY	3549418C1																																																																																																																																																																																																																																			
18	M9BB	18	GY	3549418C1																																																																																																																																																																																																																																			
19	M87KA	16	GY	3549417C1																																																																																																																																																																																																																																			
20	M87BA	18	GY	3549418C1																																																																																																																																																																																																																																			
21	M85E	16	GY	3549417C1																																																																																																																																																																																																																																			
22	M64A	16	YL	3549417C1																																																																																																																																																																																																																																			
23	M64B	16	YL	3549417C1																																																																																																																																																																																																																																			
24	M94BP	16	GY	3549417C1																																																																																																																																																																																																																																			
24^	M67AA	20	PK	3549418C1																																																																																																																																																																																																																																			
24	M94B	18	GY	3549418C1																																																																																																																																																																																																																																			
24	M67C	16	VT	3549417C1																																																																																																																																																																																																																																			
25	PLUG	-	-	3598921C1																																																																																																																																																																																																																																			
26	PLUG	-	-	3598921C1																																																																																																																																																																																																																																			
27@	M94	18	GY	3549418C1																																																																																																																																																																																																																																			
27%	M94AB	14	GY	3549417C1																																																																																																																																																																																																																																			
27&	M9A	18	GY	3549418C1																																																																																																																																																																																																																																			
28@	M94AA	14	GY	3549417C1																																																																																																																																																																																																																																			
28%	M94A	18	GY	3549418C1																																																																																																																																																																																																																																			
28&	M6A	18	GY	3549418C1																																																																																																																																																																																																																																			
29@	M40	18	GY	3549418C1																																																																																																																																																																																																																																			
29%	M94B	18	GY	3549418C1																																																																																																																																																																																																																																			
29&	M94AL	14	GY	3549417C1																																																																																																																																																																																																																																			
30@	M94C	18	GY	3549418C1																																																																																																																																																																																																																																			
30**	M94L(+)	18	GY	3549418C1																																																																																																																																																																																																																																			
30%	M94AC	18	GY	3549418C1																																																																																																																																																																																																																																			
31@	M94D	18	GY	3549418C1																																																																																																																																																																																																																																			
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>0488</td> <td>24MAR15</td> <td>REVISED AND REDRAWN.</td> <td>B</td> <td>92927M</td> <td>MJV0370</td> <td>CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500</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>92603H</td> <td>16APR14</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>AE08058187</td> <td>38A</td> </tr> </tbody> </table>	CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	0488	24MAR15	REVISED AND REDRAWN.	B	92927M	MJV0370	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500						RELEASE NO.	DATE						92603H	16APR14						PART NO.	SHEET						AE08058187	38A																																																																																																																																																																																													
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Figure 756 Connector Composites (1700)

13.83. CONNECTOR COMPOSITES (1700), P. 38B

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN			
CHART CONT FROM SHEET 38A							
DASH HARNESS CONNECTOR (1700) (LOCATED IN DASH PANEL LEFT SIDE UPPER)							
							
CONNECTOR 3595624C1							
<p>@@ WHEELCHAIR LIFT INTERLOCK %% AUTO APPLY PARK BRAKE ^ W/SNOW FLOW LIGHTS *** BENDIX ABS 4CH W/ADV && ELEC COMPRESSOR FOR HYD CHASSIS ## BENDIX ABS 6CH N/ADV * W/COLLISION AVOIDANCE BENDIX WINGMAN & W/J1939 BACKBONE</p>							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL			
40	M94BU	16	GY	3549417C1			
40	M94D	18	GY	3549418C1			
40	M73M	16	LTGN	3549417C1			
41	M94BS	16	GY	3549417C1			
41	M94-GA7	16	WH	3549417C1			
41	M73AF	16	LTGN	3549417C1			
42	M94SBB	16	GY	3549417C1			
43	M104CC	18	DKBL	3549418C1			
44	M104CB	18	DKBL	3549418C1			
45	M94BR	16	GY	3549417C1			
45	M94E	18	GY	3549418C1			
46	M94F	18	GY	3549418C1			
46	M94BQ	16	GY	3549417C1			
47@@	M44Y	16	GY	3549417C1			
47%#	M44J	18	GY	3549418C1			
47^	M67-GA	20	WH	3549418C1			
47	M67-GA	18	WH	3549418C1			
48@@	M92#103	18	TN	3549418C1			
48##	M94BW	16	GY	3549417C1			
48	M77	18	BK	3549418C1			
48	M94G	18	GY	3549418C1			
49@@	M92#101	18	TN	3549418C1			
49##	M94BV	16	GY	3549417C1			
49	M94H	18	GY	3549418C1			
49	M77A	18	BK	3549418C1			
50&&	M40A	14	GY	3549417C1			
50***	M94SAB	16	GY	3549417C1			
51	M94SDB	16	GY	3549416C1			
52	MTEM1	16	GY	3549417C1			
53	MTEM2	16	GY	3549417C1			
54	MTEM3	16	GY	3549417C1			
55	MTEM4	16	GY	3549417C1			
56	MTEM5	16	GY	3549417C1			
57	MTEM6	16	GY	3549417C1			
58	MTEM7	16	GY	3549417C1			
59	MTEM8	16	GY	3549417C1			
60	M94SCB	16	GY	3549417C1			
61	M44L	18	GY	3549418C1			
61*	M5A(-)	18	GN	3549418C1			
61*	M5C(-)	18	GN	3549418C1			
62*	M5A(+)	18	YL	3549418C1			
62*	M5C(+)	18	YL	3549418C1			
63	M78BC	16	LTGN	3549417C1			
64	M78AC	16	LTGN	3549416C1			
65	M103M	12	LTGN	3549415C1			
66	M103N	12	LTGN	3549415C1			
67	M103P	12	LTGN	3549415C1			
68	PLUG	-	-	3598921C1			
69	M94SJ	16	GY	3549416C1			
70	M94SK	16	GY	3549416C1			
71	M94SM	16	GY	3549416C1			
72	M94SN	16	GY	3549416C1			
73	M94SL	16	GY	3549416C1			
74	M94SZC	16	GY	3549416C1			
75	M94SVC	16	GY	3549416C1			
76	M94SH	16	GY	3549416C1			

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0488	24MAR15	ADDED CIRC M5A(+)/(-)	B	92927M	MJV0370	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
		& M5C(+)/(-) AT CAV 61,62.			RELEASE NO.	DATE
					92603H	16APR14
						PART NO. AE08058187 SHEET 38B

Figure 757 Connector Composites (1700)

13.84. CONNECTOR COMPOSITES (1700), P. 39

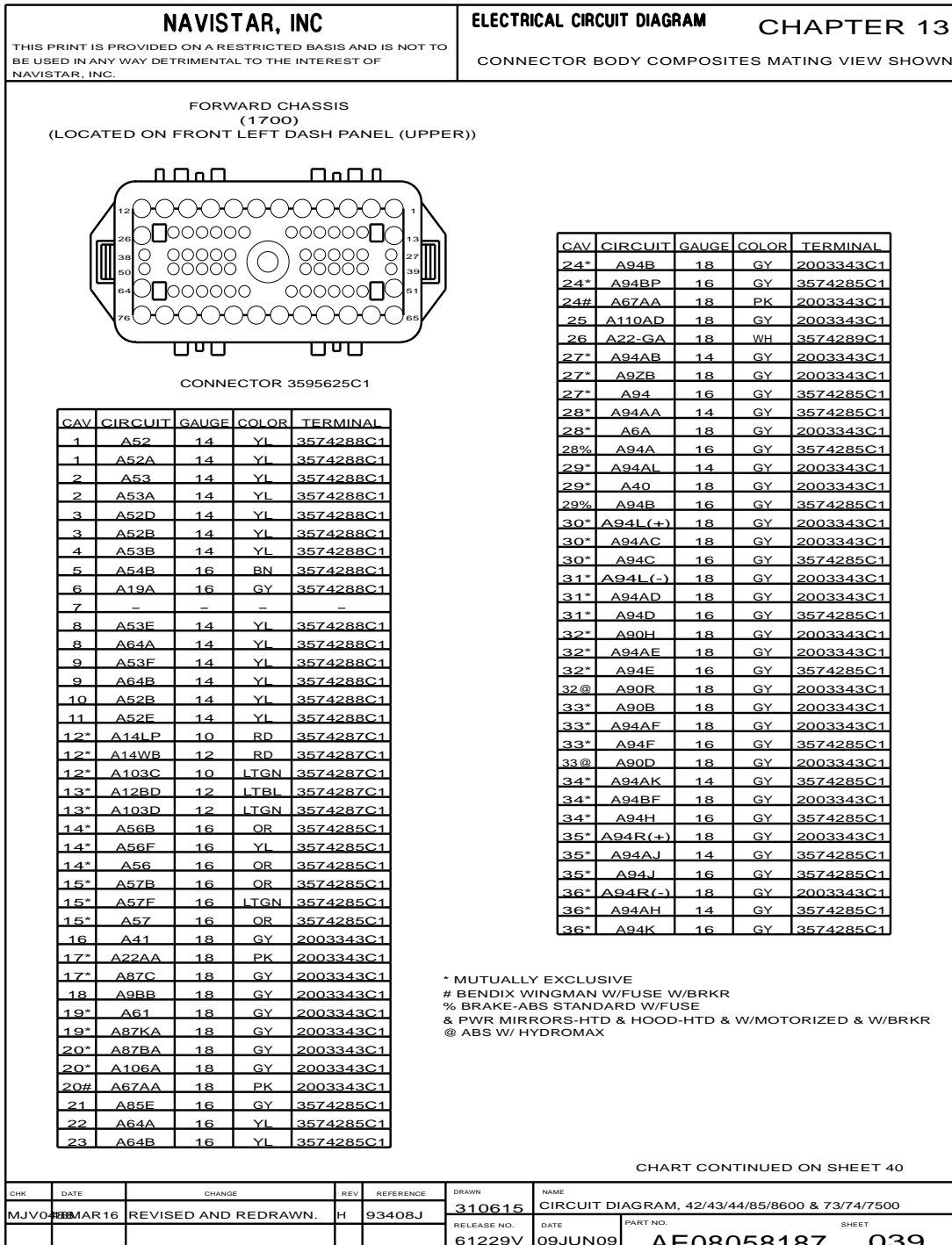


Figure 758 Connector Composites (1700)

13.85. CONNECTOR COMPOSITES (1700), P. 40

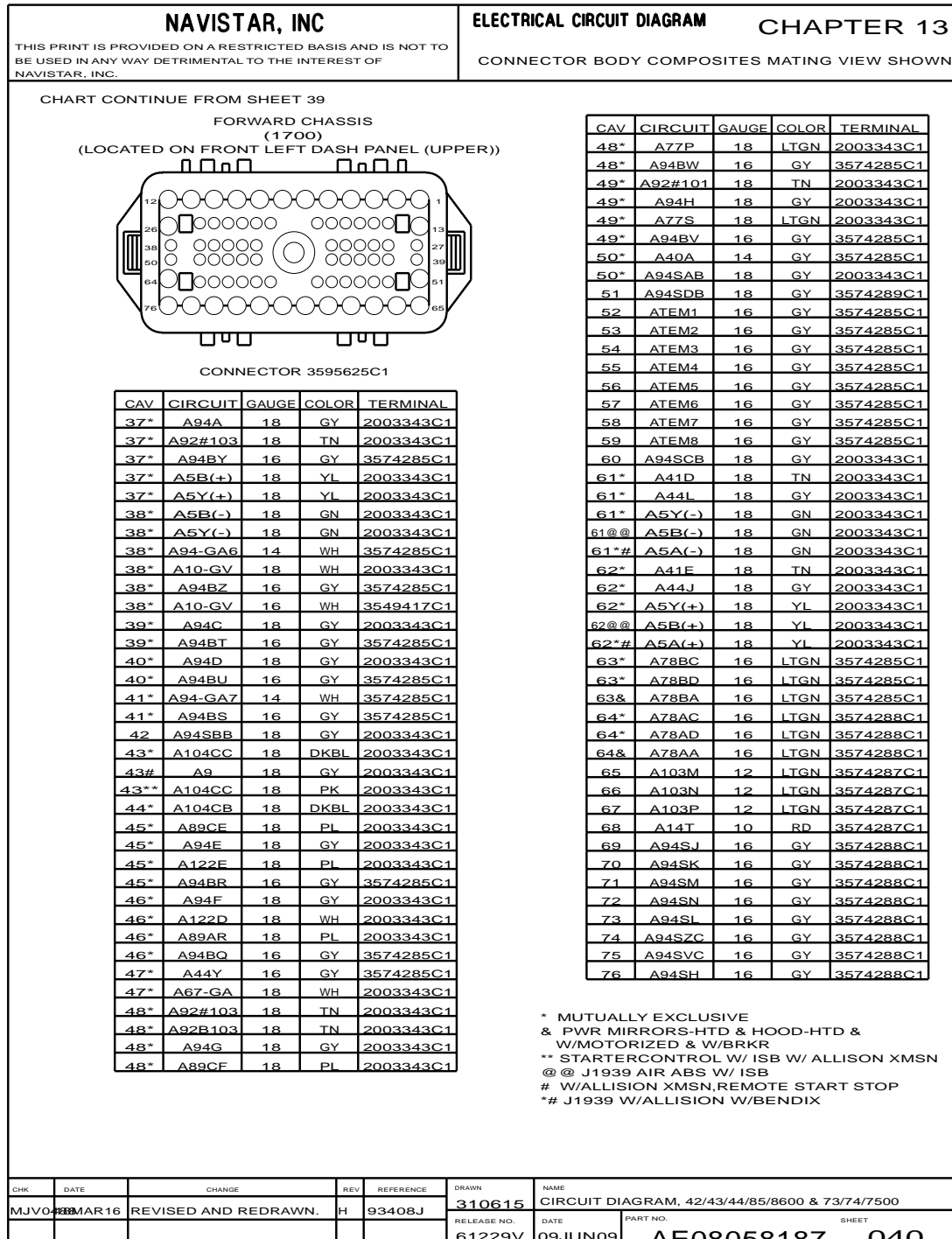


Figure 759 Connector Composites (1700)

13.86. CONNECTOR COMPOSITES (1701), P. 41

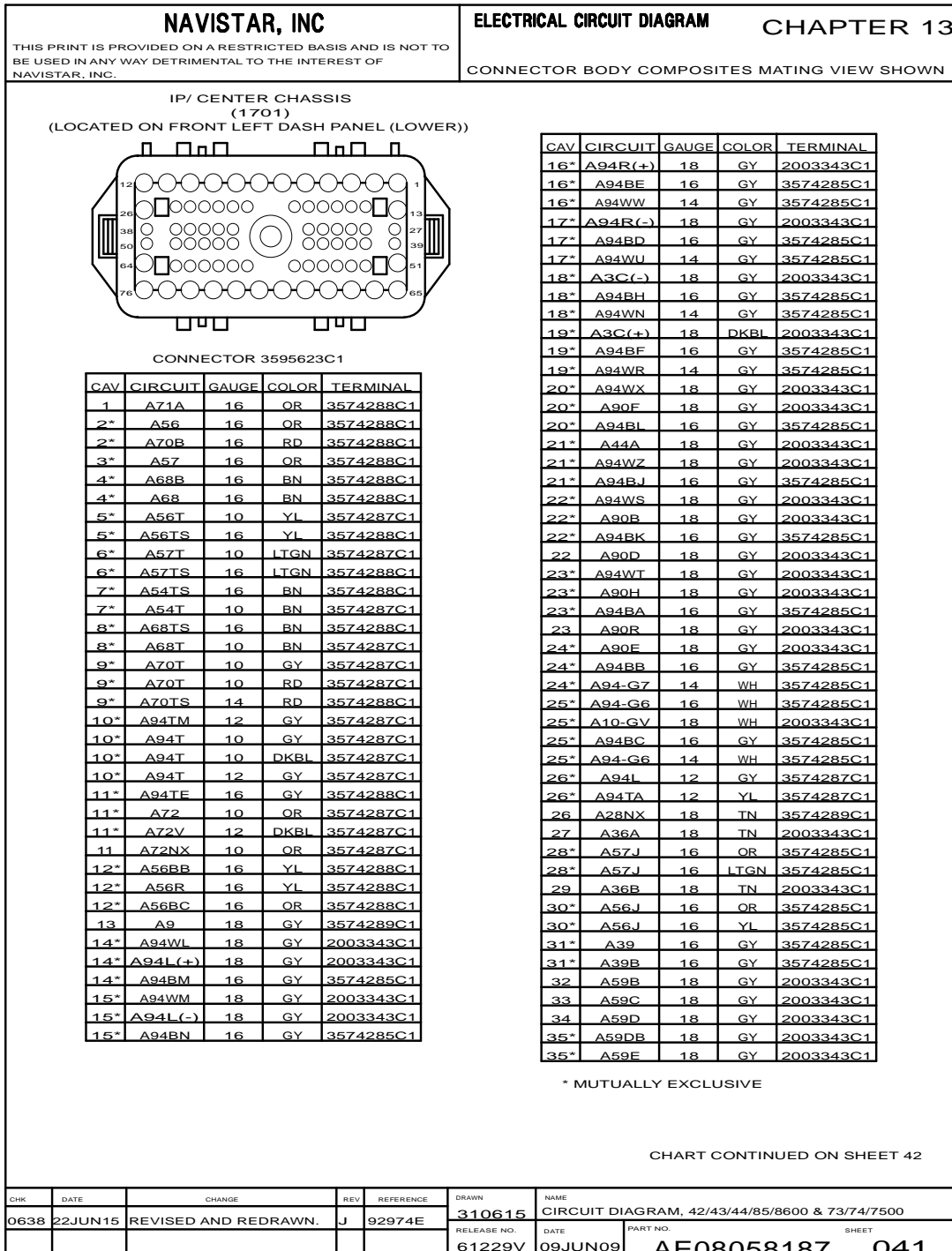


Figure 760 Connector Composites (1701)

13.87. CONNECTOR COMPOSITES (1701), P. 42

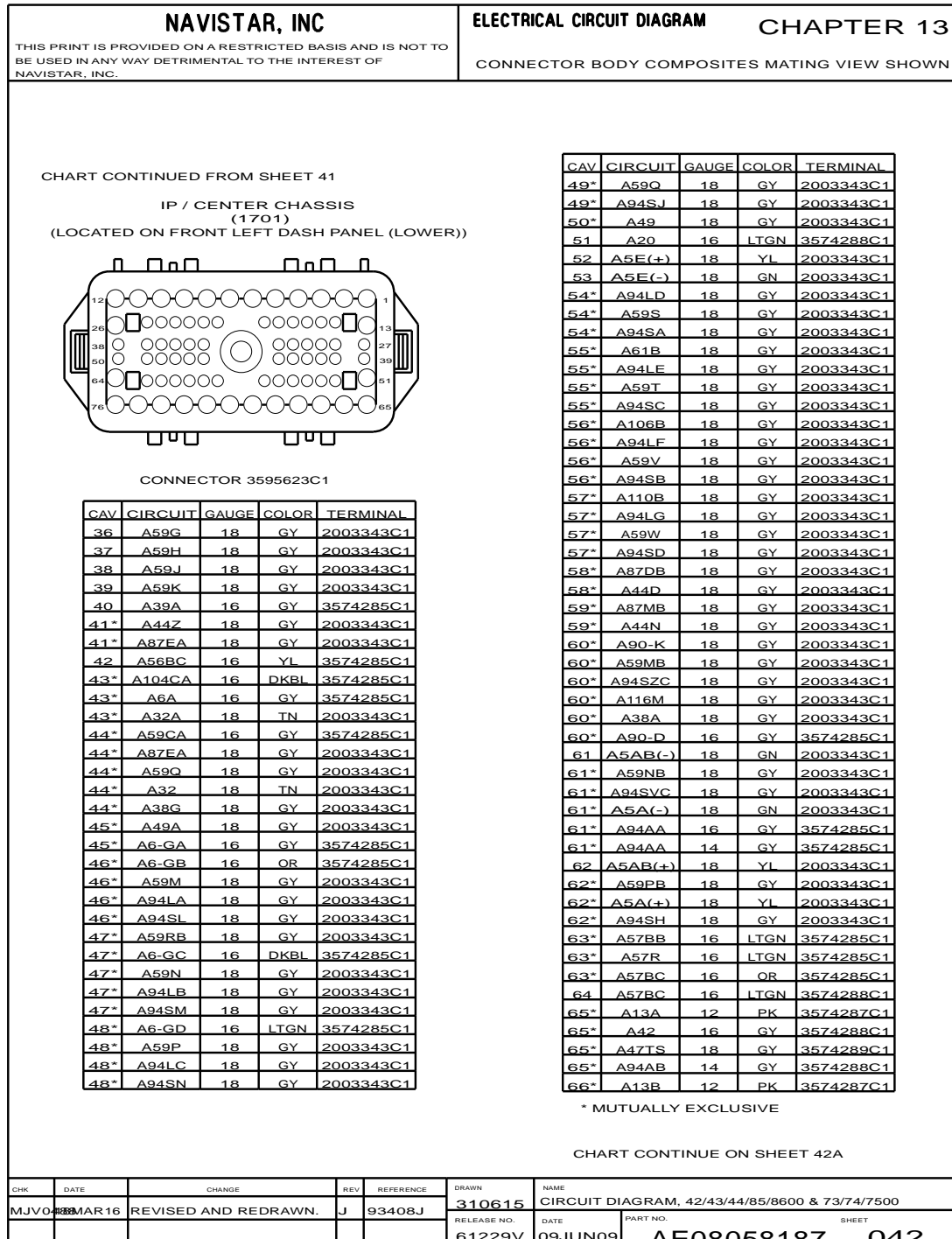


Figure 761 Connector Composites (1701)

13.88. CONNECTOR COMPOSITES (1701), P. 42A

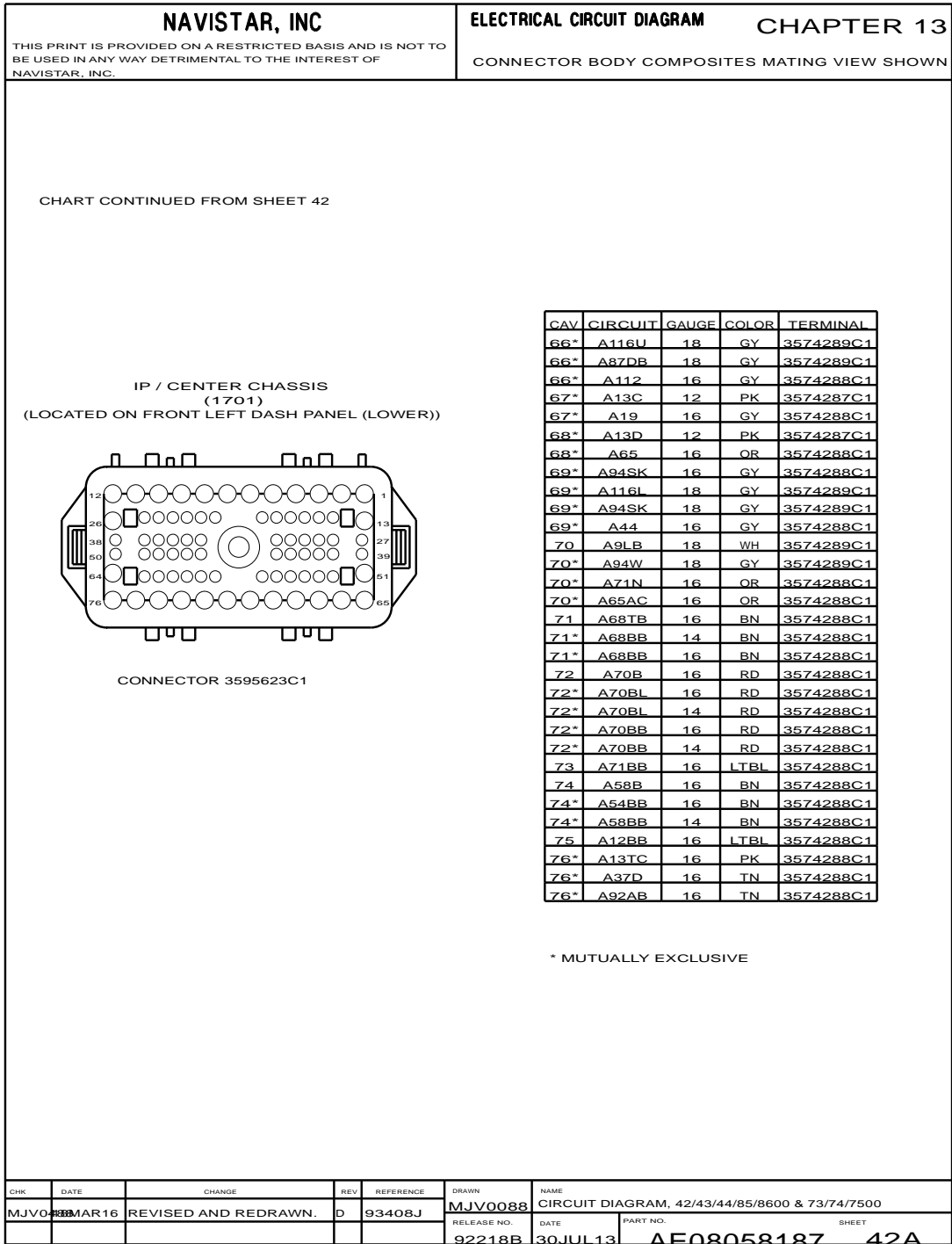


Figure 762 Connector Composites (1701)

13.89. CONNECTOR COMPOSITES (1701F), P. 43

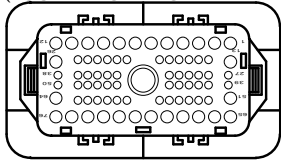
<p>NAVISTAR, INC</p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>	<p>ELECTRICAL CIRCUIT DIAGRAM</p> <p>CHAPTER 13</p> <p>CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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<tr><td>33</td><td>N59C</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>34</td><td>N59D</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>35</td><td>N59E</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>36</td><td>N59G</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>36**</td><td>N59G</td><td>14</td><td>WH</td><td>3549417C1</td></tr> <tr><td>37</td><td>N59H</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>38</td><td>N59J</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>39</td><td>N59K</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>40</td><td>N39A</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>41*</td><td>N87EA</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>41*</td><td>N44N</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>42</td><td>N56BC</td><td>16</td><td>YL</td><td>3549417C1</td></tr> </tbody> </table> <p>* MUTUALLY EXCLUSIVE # W/ IBB ENGINE @ W/ CUMMINS ISB ENGINE && DUAL BOC TANK FOR MEDIUM CAB & DUAL UN CAB TANK FOR HIGH CAB % W/WABCO AIR ABS ** SOLENOID AIR, SPACK 6X4, W/FOS TANKS ## NEXT GENERATION HYDRAULIC BRAKES</p>	CAV	CIRC	GAUGE	COLOR	TERMINAL	21#	N94WZ	18	GY	3549418C1	21@	N44A	18	GY	3549418C1	22*	N94BK	16	GY	3549417C1	22#	N94WS	14	GY	3549417C1	22@	N90BA	18	GY	3549418C1	23*	N94BA	16	GY	3549417C1	23#	N94WT	16	GY	3549417C1	23@	N90H	18	GY	3549418C1	24*	N94BB	16	GY	3549417C1	24#	N94-G7	16	WH	3549417C1	24@	N90E	18	GY	3549418C1	24@	N90E	16	GY	3549417C1	24%	N94-G7	14	GY	3549417C1	24%	N94C	14	GY	3549417C1	25*	N94BC	16	GY	3549417C1	25#	N94-G6	14	WH	3549417C1	25@	N10-GV	16	WH	3549417C1	25@	N10-GV	18	WH	3549418C1	25%	N94-G6	14	GY	3549417C1	25%	N94A	14	GY	3549417C1	26*	N94TA	12	YL	3549415C1	26*	N94L	12	GY	3549415C1	26@@	N94L	10	GY	3549415C1	26%	N12-G	18	WH	3574277C1	27	N36A	18	TN	3549418C1	27&	N36-B	18	TN	3549418C1	27&&	N36-S	18	TN	3549418C1	28#	N10-GC	16	WH	3549417C1	29*	N36A	18	GY	3549418C1	29*	N36A	18	TN	3549418C1	29*	N36B	18	TN	3549418C1	30#	N56J	16	OR	3549417C1	31*	N39B	18	GY	3549418C1	31*	N39B	16	GY	3549417C1	32*	N59B	18	GY	3549418C1	32#	N59C	18	GY	3549418C1	33	N59C	18	GY	3549418C1	34	N59D	18	GY	3549418C1	35	N59E	18	GY	3549418C1	36	N59G	18	GY	3549418C1	36**	N59G	14	WH	3549417C1	37	N59H	18	GY	3549418C1	38	N59J	18	GY	3549418C1	39	N59K	18	GY	3549418C1	40	N39A	18	GY	3549418C1	41*	N87EA	18	GY	3549418C1	41*	N44N	18	GY	3549418C1	42	N56BC	16	YL	3549417C1
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Figure 763 Connector Composites (1701F)

13.90. CONNECTOR COMPOSITES (1701F), P. 44

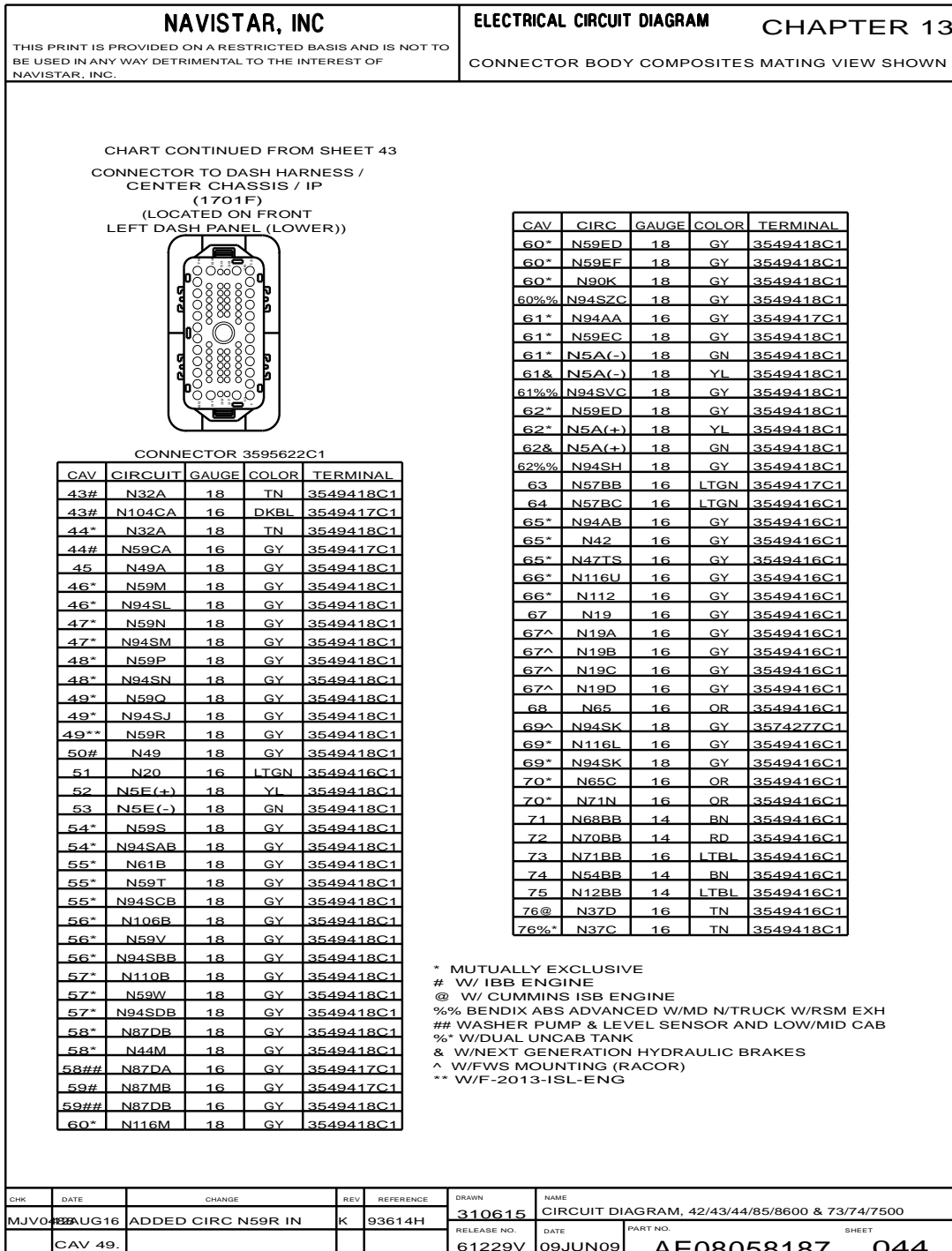


Figure 764 Connector Composites (1701F)

13.91. CONNECTOR COMPOSITES (1702), P. 45

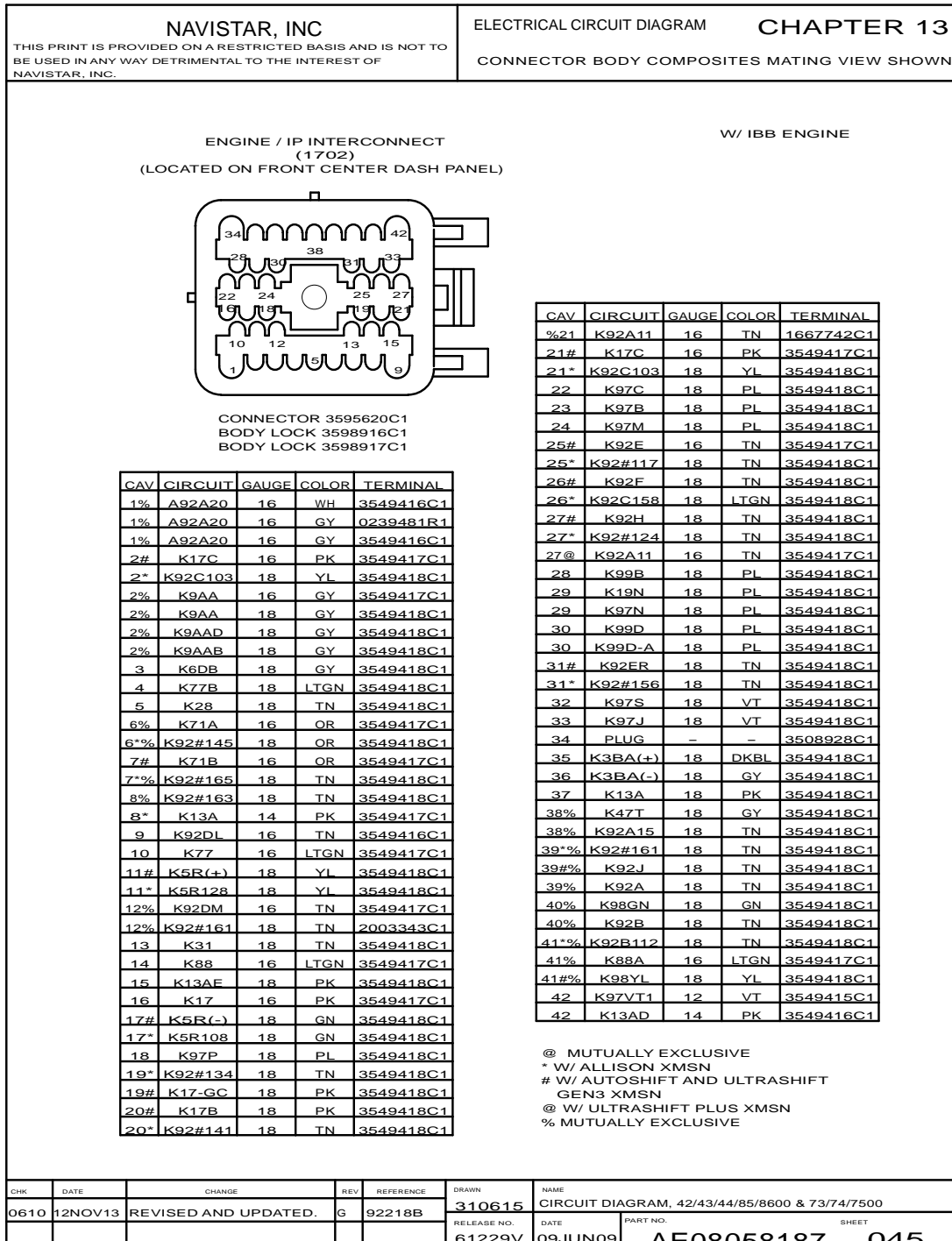


Figure 765 Connector Composites (1702)

13.92. CONNECTOR COMPOSITES (1702), P. 45A

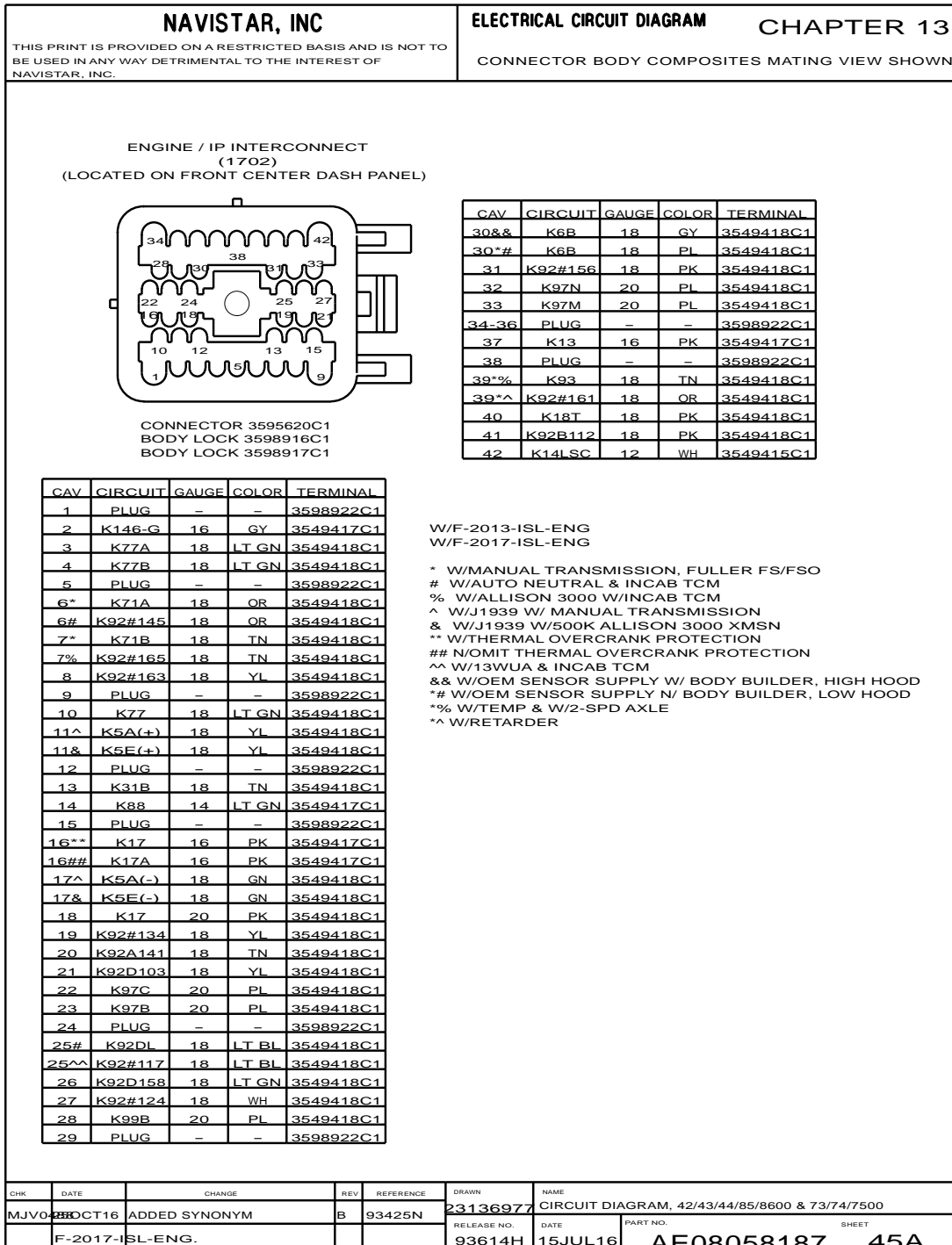


Figure 766 Connector Composites (1702)

13.93. CONNECTOR COMPOSITES (1702), P. 46

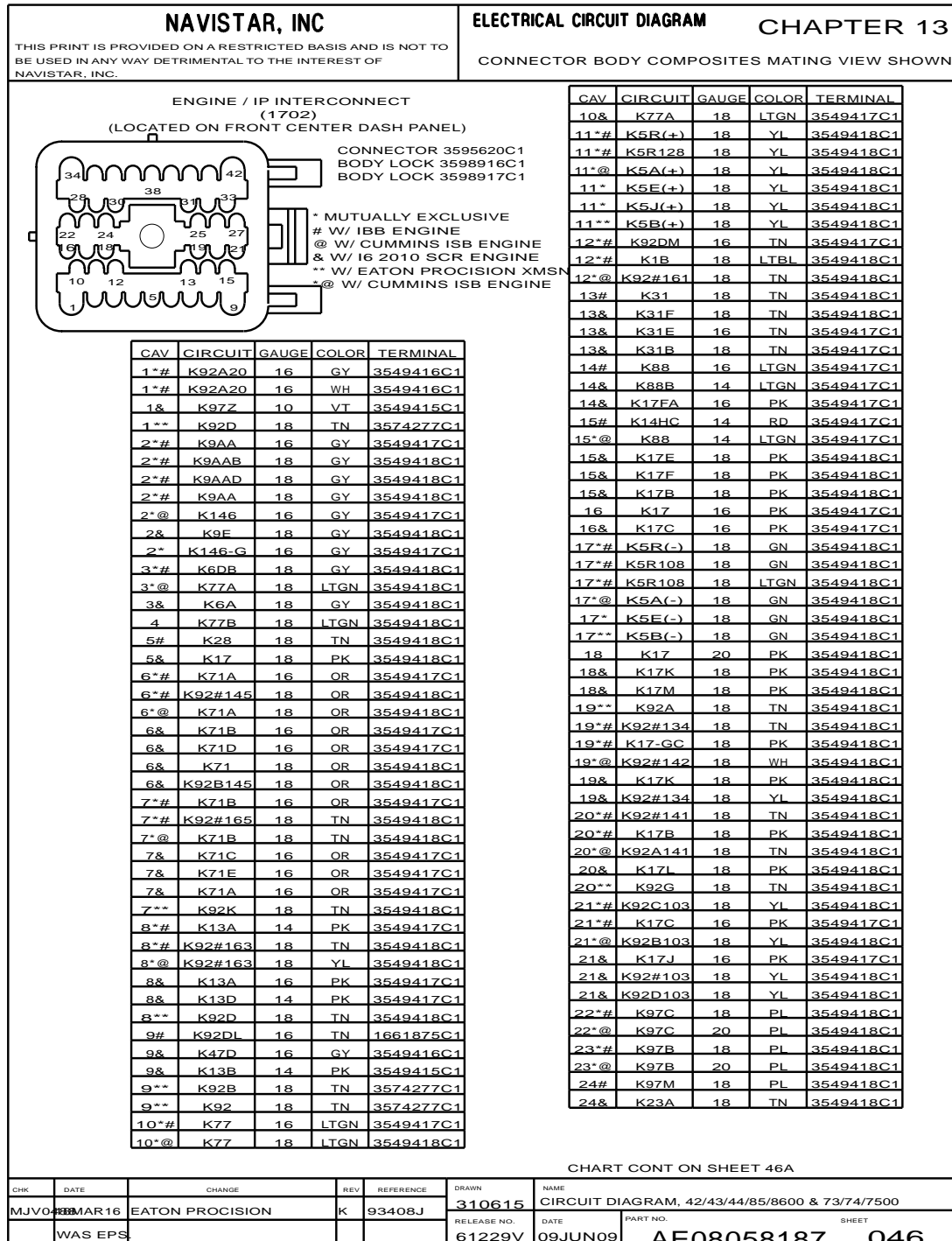


Figure 767 Connector Composites (1702)

13.94. CONNECTOR COMPOSITES (1702), P. 46A

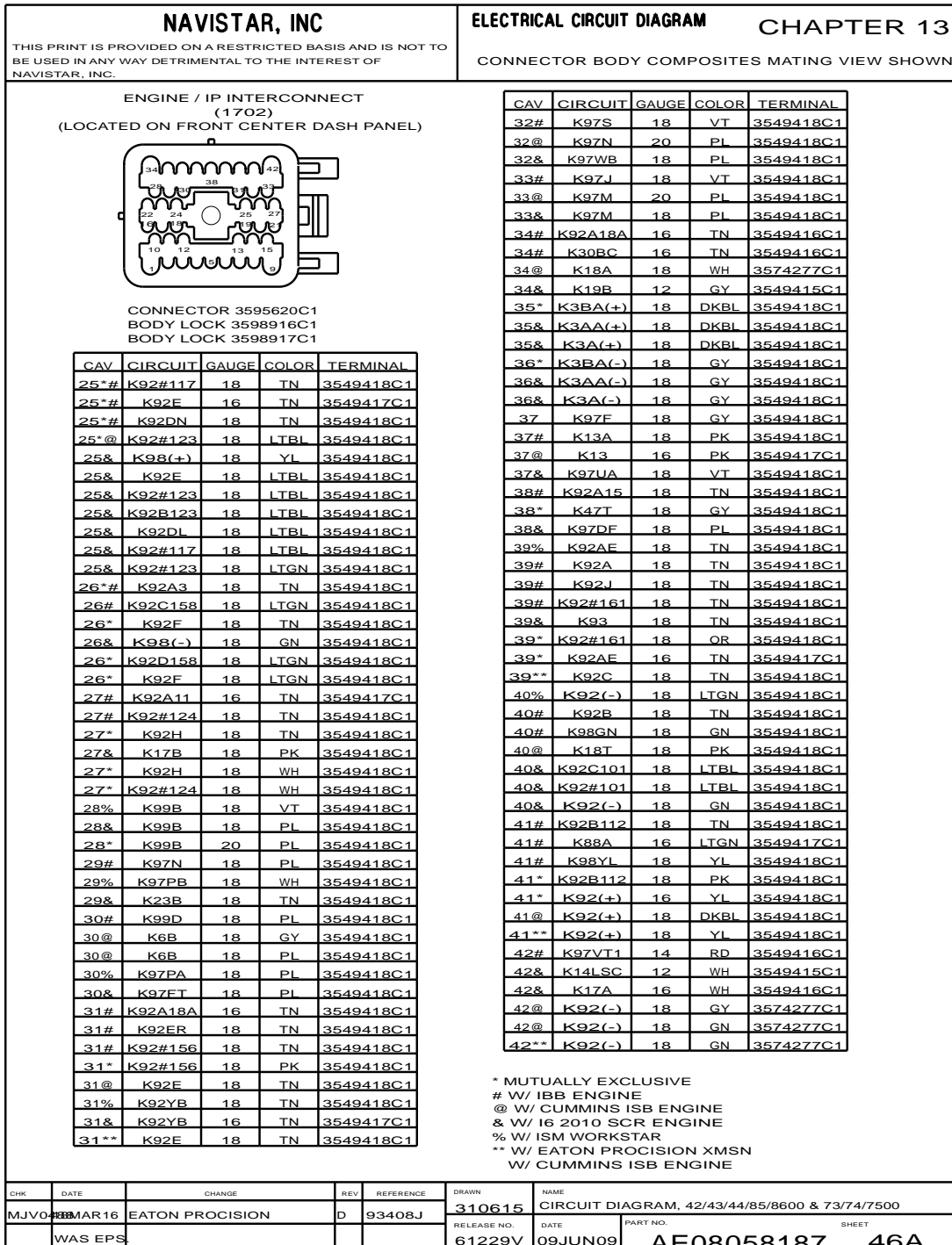


Figure 768 Connector Composites (1702)

13.95. CONNECTOR COMPOSITES (1702), P. 46B

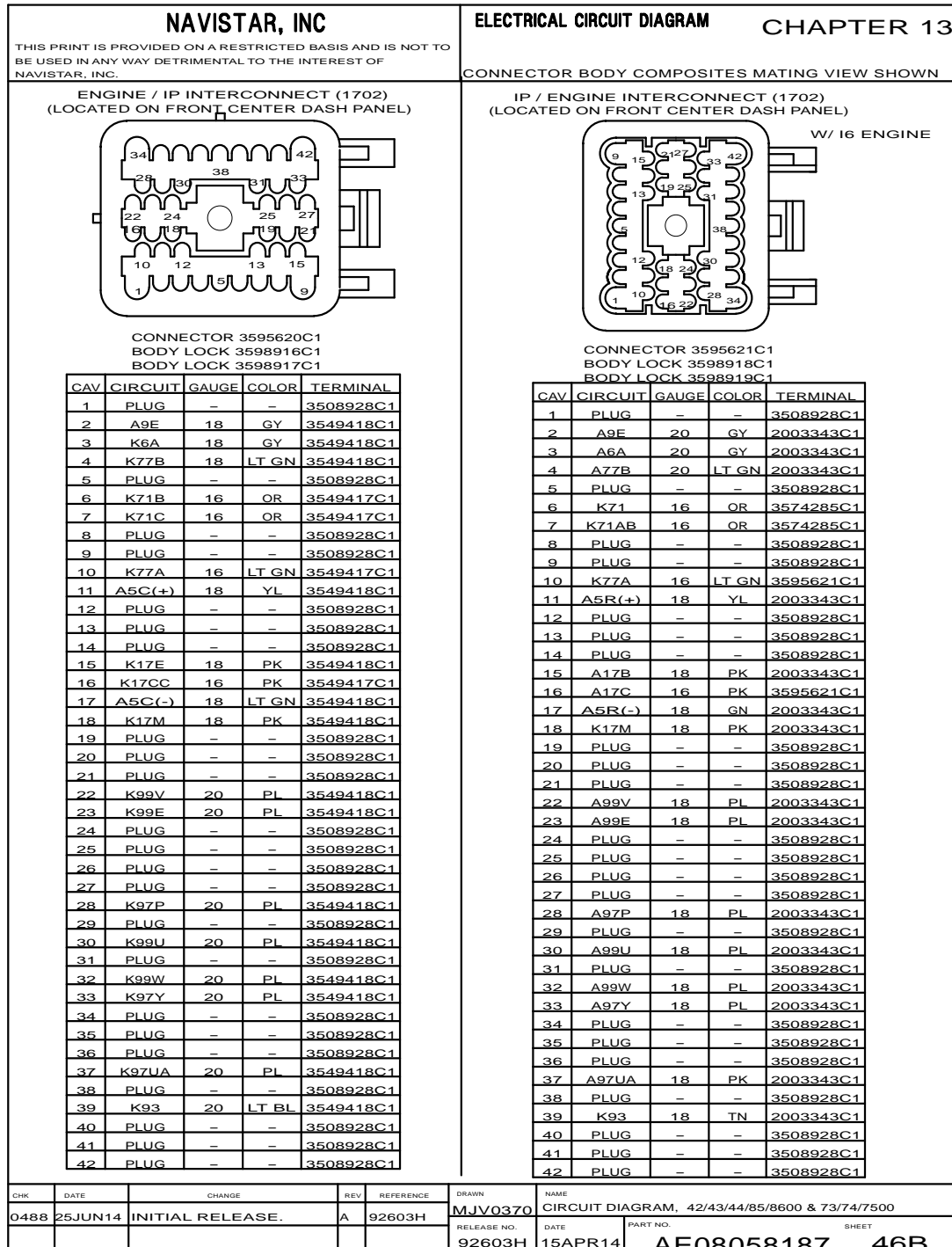
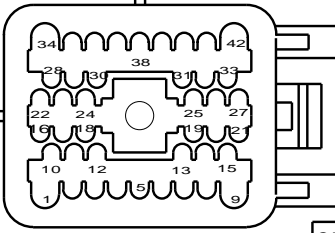


Figure 769 Connector Composites (1702)

13.96. CONNECTOR COMPOSITES (1702), P. 46C

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



IP / ENGINE INTERCONNECT
(1702)
(LOCATED ON FRONT
CENTER DASH PANEL)

CONNECTOR 3595620C1
BODY LOCK 3598916C1
BODY LOCK 3598917C1

CAV	CIRCUIT	GA	COLOR	TERMINAL
1	K92D	18	TN	3574277C1
2	K146	16	GY	3549418C1
3	K77A	18	LTGN	3549418C1
4	K77B	18	LTGN	3549418C1
5	PLUG	-	-	3598922C1
6	K71A	18	OR	3549418C1
6*	K92B145	18	OR	3549418C1
6@	K92#145	18	OR	3549418C1
7	K71B	18	TN	3549418C1
7%	K92#165	18	TN	3549418C1
7&	K92K	18	TN	3549418C1
8	K92#163	18	YL	3549418C1
8#	K13D	14	PK	3549417C1
8^	K92D	18	TN	3549418C1
9	K92B	18	TN	3574277C1
9**	K92	18	TN	3574277C1
10	K77	18	LTGN	3549418C1
11	K5A(+)	18	YL	3549418C1
11@	K5J(+)	18	YL	3549418C1
11%	K5B(+)	18	YL	3549418C1
12	K92#161	18	TN	3549418C1
13	PLUG	-	-	3598922C1
14	K88	14	LTGN	3549417C1
15	PLUG	-	-	3598922C1
16	K17A	16	PK	3549417C1
17	K5A(-)	18	GN	3549418C1
17&&	K5J(-)	18	GN	3549418C1
17##	K5B(-)	18	GN	3549418C1
18	K17	20	PK	3549418C1
19	K92#142	18	WH	3549418C1
19^	K92#134	18	YL	3549418C1
19#@	K17K	18	PK	3549418C1
19%#	K92A	18	TN	3549418C1
20	K92A141	18	TN	3549418C1
20*&	K17L	18	PK	3549418C1
20#	K92G	18	TN	3549418C1
21	K92B103	18	YL	3549418C1
21^	K92D103	18	YL	3549418C1
21@*	K17J	16	PK	3549417C1
21@%	K92#103	18	YL	3549418C1
22	K97C	20	PL	3549418C1
23	K97B	20	PL	3549418C1
24	PLUG	-	-	3598922C1
25	K92B123	18	LTGN	3549418C1
25@&	K92DL	18	LTBL	3549418C1

CAV	CIRCUIT	GA	COLOR	TERMINAL
25@#	K92#117	18	LTBL	3549418C1
25@^	K92E	18	LTBL	3549418C1
26	K92F	18	LTGN	3549418C1
27	K92H	18	WH	3549418C1
28	K99B	20	PL	3549418C1
29	PLUG	-	-	3598922C1
30	K6B	18	TN	3549418C1
31	K92E	18	TN	3549418C1
31%*	K92YB	16	TN	3549417C1
32	K97N	20	PL	3549418C1
33	K97M	20	PL	3549418C1
34	K18A	18	WH	3574277C1
35	PLUG	-	-	3598922C1
36	PLUG	-	-	3598922C1
37	K13C	16	PK	3549417C1
38	K92C101	18	LTBL	3549418C1
38@	K92#101	18	LTBL	3549418C1
39	K93	18	TN	3549418C1
39%&	K92C	18	TN	3549418C1
39%#	K92AF	16	TN	3549417C1
40	K18T	18	PK	3549418C1
41	PLUG	-	-	3598922C1
42	K14L SC	12	WH	3549415C1

W/ F-2017-ISB-ENG
 * ALLISON 1000-2000 TRANSMISSION W/INCAB TCM
 @ ALLISON 3000 W/AUTO NEUTRAL & INCAB TCM
 % ALLISON 1000-2000 TRANSMISSION W/INCAB TCM & EATON EPS W/P.T.O, N/PP, W/PUSH BUTTON
 # EATON ULTRASHIFT N/TRANS OIL TEMP N/ PARK PAWL
 ^ EATON EPS W/P.T.O, N/PP, W/PUSH BUTTON
 ** EATON EPS N/P.T.O, W/PARK PAWL, W/T-HANDLE
 @@ J1939 W/ EATON ULTRASHIFT
 %% J1939 500K EATON EPS
 && J1939 W/ EATON ULTRASHIFT
 ## J1939 500K EATON EPS
 ^^ ALLISON 3000 W/AUTO NEUTRAL & INCAB TCM
 *@ EATON ULTRASHIFT N/TRANS OIL TEMP N/ PARK PAWL
 %* EATON EPS W/P.T.O, N/PP, W/PUSH BUTTON
 *% EATON ULTRASHIFT N/TRANS OIL TEMP N/ PARK PAWL
 #* EATON EPS W/P.T.O, N/PP, W/PUSH BUTTON
 ^* ALLISON 3000 TRANSMISSION W/WHEELCHAIR INTERLOCK W/ P.T.O
 @* EATON ULTRASHIFT N/TRANS OIL TEMP N/ PARK PAWL
 @% ALLISON 1000-2000 TRANSMISSION W/WHEELCHAIR INTERLOCK
 @& ALLISON 3000 W/AUTO NEUTRAL & INCAB TCM
 @# ALLISON 3000, W/13WUA, INCAB
 @^ EATON ULTRASHIFT N/TRANS OIL TEMP N/ PARK PAWL
 %* EATON ULTRASHIFT N/TRANS OIL TEMP N/ PARK PAWL
 %@ ALLISON 1000-2000 TRANSMISSION W/WHEELCHAIR INTERLOCK
 %& EATON EPS W/P.T.O, N/PP, W/PUSH BUTTON
 %% EATON ULTRASHIFT N/TRANS OIL TEMP N/ PARK PAWL

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJV0	13AUG16	INITIAL RELEASE.	A	93614H	23136977	CIRCUIT DIAGRAM,42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					93583H	29JUN16
					PART NO.	SHEET
					AE08058187	46C

Figure 770 Connector Composites (1702)

13.97. CONNECTOR COMPOSITES (1702), P. 47

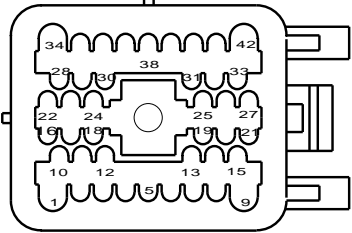
<p>NAVISTAR, INC</p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>	<p>ELECTRICAL CIRCUIT DIAGRAM</p> <p>CHAPTER 13</p> <p>CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p>																																																																																																																																																																																																																																																																									
<p>ENGINE / IP INTERCONNECT (1702) (LOCATED ON FRONT CENTER DASH PANEL)</p>  <p>CONNECTOR 3595621C1 BODY LOCK 3598918C1 BODY LOCK 3598919C1</p>	<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>11</td><td>A5R(+)</td><td>18</td><td>YL</td><td>2003343C1</td></tr> <tr><td>11*</td><td>A5F(+)</td><td>18</td><td>YL</td><td>2003343C1</td></tr> <tr><td>11@%</td><td>A5C(+)</td><td>18</td><td>YL</td><td>2003343C1</td></tr> <tr><td>11#%</td><td>A5D(+)</td><td>18</td><td>YL</td><td>2003343C1</td></tr> <tr><td>12*</td><td>A28B</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>12*</td><td>A92#161</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>13*</td><td>A97A</td><td>18</td><td>RD</td><td>2003343C1</td></tr> <tr><td>13*</td><td>A31</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>14*</td><td>A88</td><td>18</td><td>LTGN</td><td>2003343C1</td></tr> <tr><td>14*</td><td>A17F</td><td>16</td><td>PK</td><td>3574285C1</td></tr> <tr><td>14*</td><td>A88B</td><td>16</td><td>LTGN</td><td>3574285C1</td></tr> <tr><td>15*</td><td>A17B</td><td>18</td><td>PK</td><td>2003343C1</td></tr> <tr><td>15*</td><td>A41D</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>15*#</td><td>A92LE</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>16*</td><td>A17C</td><td>18</td><td>PK</td><td>3574285C1</td></tr> <tr><td>16@</td><td>A17A</td><td>18</td><td>PK</td><td>2003343C1</td></tr> <tr><td>16%%%</td><td>A17BA</td><td>18</td><td>PK</td><td>2003343C1</td></tr> <tr><td>16@@@</td><td>A17B</td><td>18</td><td>PK</td><td>2003343C1</td></tr> <tr><td>17</td><td>A5R(-)</td><td>18</td><td>GN</td><td>2003343C1</td></tr> <tr><td>17%*</td><td>A5F(-)</td><td>18</td><td>GN</td><td>2003343C1</td></tr> <tr><td>17@%</td><td>A5C(-)</td><td>18</td><td>GN</td><td>2003343C1</td></tr> <tr><td>17#%</td><td>A5D(-)</td><td>18</td><td>GN</td><td>2003343C1</td></tr> <tr><td>18*</td><td>A17M</td><td>18</td><td>PK</td><td>2003343C1</td></tr> <tr><td>18*</td><td>A41E</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>18*</td><td>A23A</td><td>16</td><td>TN</td><td>3574285C1</td></tr> <tr><td>18@</td><td>A17B</td><td>18</td><td>PK</td><td>2003343C1</td></tr> <tr><td>19*</td><td>A92#142</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>19*</td><td>A17K</td><td>18</td><td>PK</td><td>2003343C1</td></tr> <tr><td>19*</td><td>A92#134</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>19%*</td><td>A92A</td><td>16</td><td>TN</td><td>3574285C1</td></tr> <tr><td>19%%%</td><td>A17-G</td><td>18</td><td>WH</td><td>2003343C1</td></tr> <tr><td>20*</td><td>A92#141</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>20%%%</td><td>A92L</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>20%*</td><td>A14F</td><td>14</td><td>RD</td><td>3574285C1</td></tr> <tr><td>20##</td><td>A17E</td><td>18</td><td>PK</td><td>2003343C1</td></tr> <tr><td>21*</td><td>A92#103</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>21*</td><td>A17J</td><td>16</td><td>PK</td><td>3574285C1</td></tr> <tr><td>21%*</td><td>A13A</td><td>14</td><td>PK</td><td>3574285C1</td></tr> <tr><td>21%%%</td><td>A17BB</td><td>18</td><td>PK</td><td>3574285C1</td></tr> <tr><td>21*</td><td>A92A103</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>22*</td><td>A97C</td><td>18</td><td>PL</td><td>2003343C1</td></tr> <tr><td>22*</td><td>A99V</td><td>18</td><td>PL</td><td>2003343C1</td></tr> <tr><td>23*</td><td>A97B</td><td>18</td><td>PL</td><td>2003343C1</td></tr> <tr><td>23*</td><td>A99E</td><td>18</td><td>PL</td><td>2003343C1</td></tr> <tr><td>24*</td><td>A99D</td><td>18</td><td>PL</td><td>2003343C1</td></tr> <tr><td>24*</td><td>A23A</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>25*</td><td>A92E</td><td>16</td><td>TN</td><td>3574285C1</td></tr> <tr><td>25*</td><td>A97B</td><td>18</td><td>LTGN</td><td>2003343C1</td></tr> <tr><td>25*</td><td>A92DN</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>25%%%</td><td>A92E</td><td>18</td><td>LTBL</td><td>2003343C1</td></tr> <tr><td>25*#</td><td>A92118B</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>25%*</td><td>A92G</td><td>14</td><td>TN</td><td>3574285C1</td></tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	11	A5R(+)	18	YL	2003343C1	11*	A5F(+)	18	YL	2003343C1	11@%	A5C(+)	18	YL	2003343C1	11#%	A5D(+)	18	YL	2003343C1	12*	A28B	18	TN	2003343C1	12*	A92#161	18	TN	2003343C1	13*	A97A	18	RD	2003343C1	13*	A31	18	TN	2003343C1	14*	A88	18	LTGN	2003343C1	14*	A17F	16	PK	3574285C1	14*	A88B	16	LTGN	3574285C1	15*	A17B	18	PK	2003343C1	15*	A41D	18	TN	2003343C1	15*#	A92LE	18	TN	2003343C1	16*	A17C	18	PK	3574285C1	16@	A17A	18	PK	2003343C1	16%%%	A17BA	18	PK	2003343C1	16@@@	A17B	18	PK	2003343C1	17	A5R(-)	18	GN	2003343C1	17%*	A5F(-)	18	GN	2003343C1	17@%	A5C(-)	18	GN	2003343C1	17#%	A5D(-)	18	GN	2003343C1	18*	A17M	18	PK	2003343C1	18*	A41E	18	TN	2003343C1	18*	A23A	16	TN	3574285C1	18@	A17B	18	PK	2003343C1	19*	A92#142	18	TN	2003343C1	19*	A17K	18	PK	2003343C1	19*	A92#134	18	TN	2003343C1	19%*	A92A	16	TN	3574285C1	19%%%	A17-G	18	WH	2003343C1	20*	A92#141	18	TN	2003343C1	20%%%	A92L	18	TN	2003343C1	20%*	A14F	14	RD	3574285C1	20##	A17E	18	PK	2003343C1	21*	A92#103	18	TN	2003343C1	21*	A17J	16	PK	3574285C1	21%*	A13A	14	PK	3574285C1	21%%%	A17BB	18	PK	3574285C1	21*	A92A103	18	TN	2003343C1	22*	A97C	18	PL	2003343C1	22*	A99V	18	PL	2003343C1	23*	A97B	18	PL	2003343C1	23*	A99E	18	PL	2003343C1	24*	A99D	18	PL	2003343C1	24*	A23A	18	TN	2003343C1	25*	A92E	16	TN	3574285C1	25*	A97B	18	LTGN	2003343C1	25*	A92DN	18	TN	2003343C1	25%%%	A92E	18	LTBL	2003343C1	25*#	A92118B	18	TN	2003343C1	25%*	A92G	14	TN	3574285C1
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Figure 771 Connector Composites (1702)

13.98. CONNECTOR COMPOSITES (1702), (1702B), P. 47A

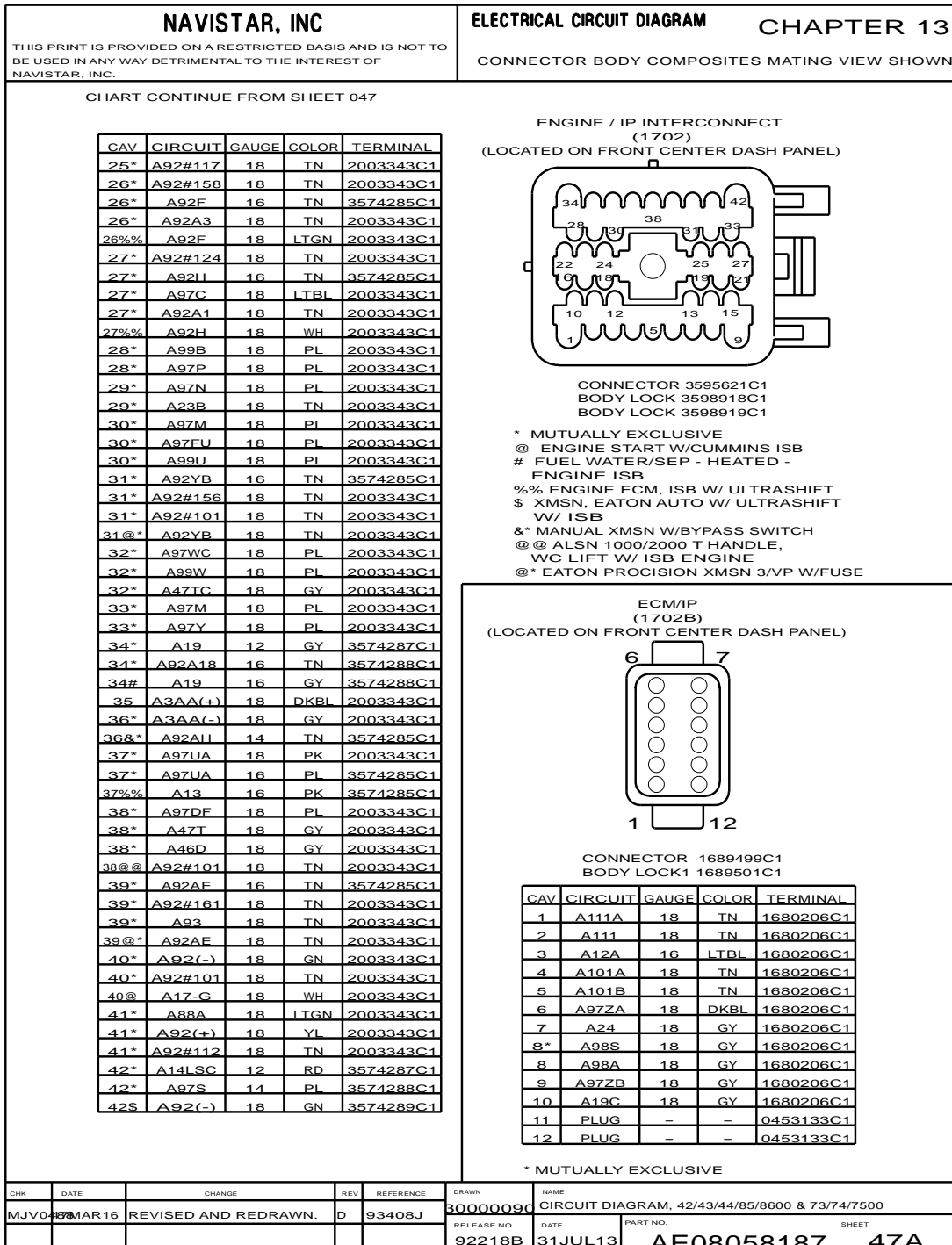


Figure 772 Connector Composites (1702), (1702B)

13.99. CONNECTOR COMPOSITES (1702B), P. 47B

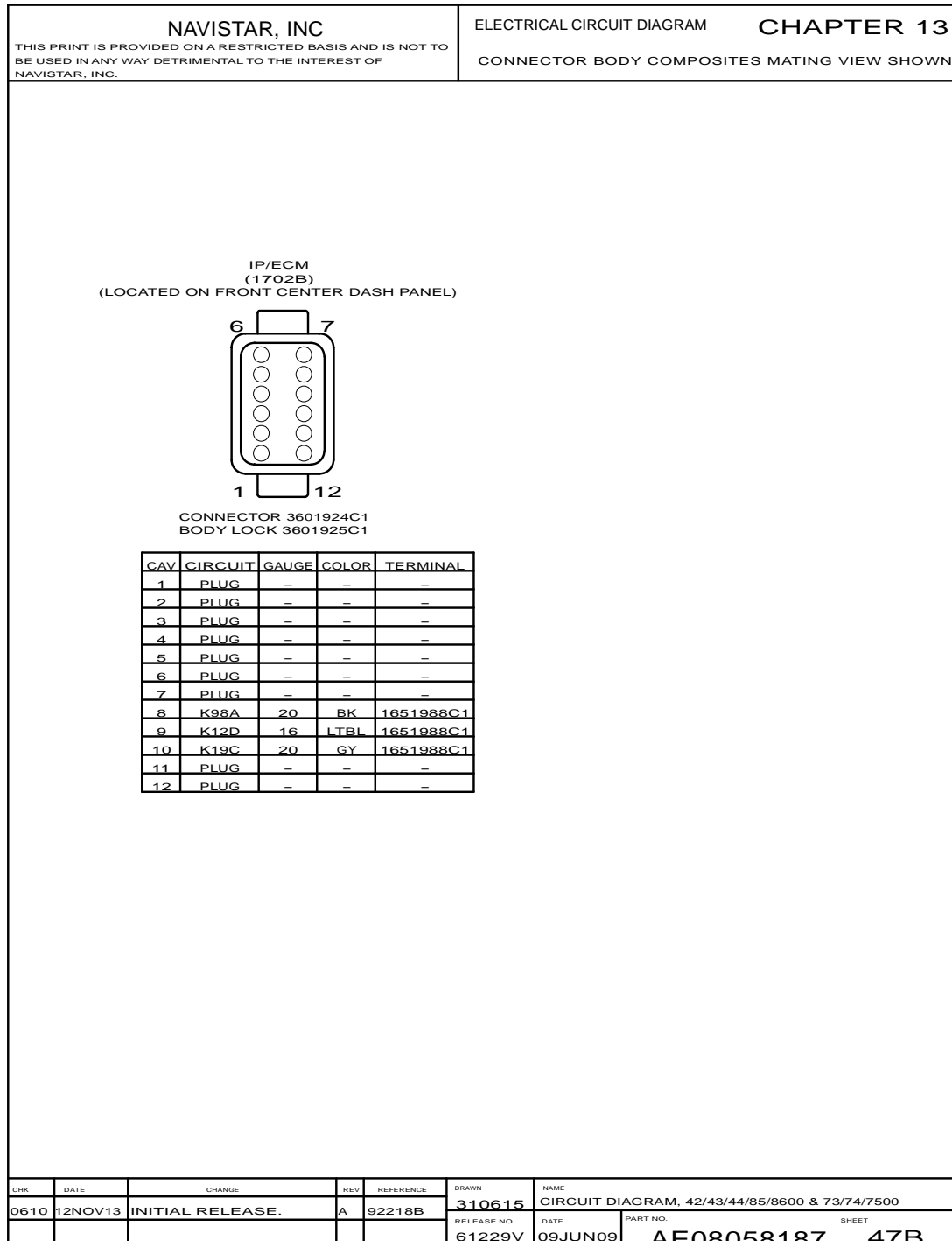


Figure 773 Connector Composites (1702B)

13.100. CONNECTOR COMPOSITES (1800), P. 48

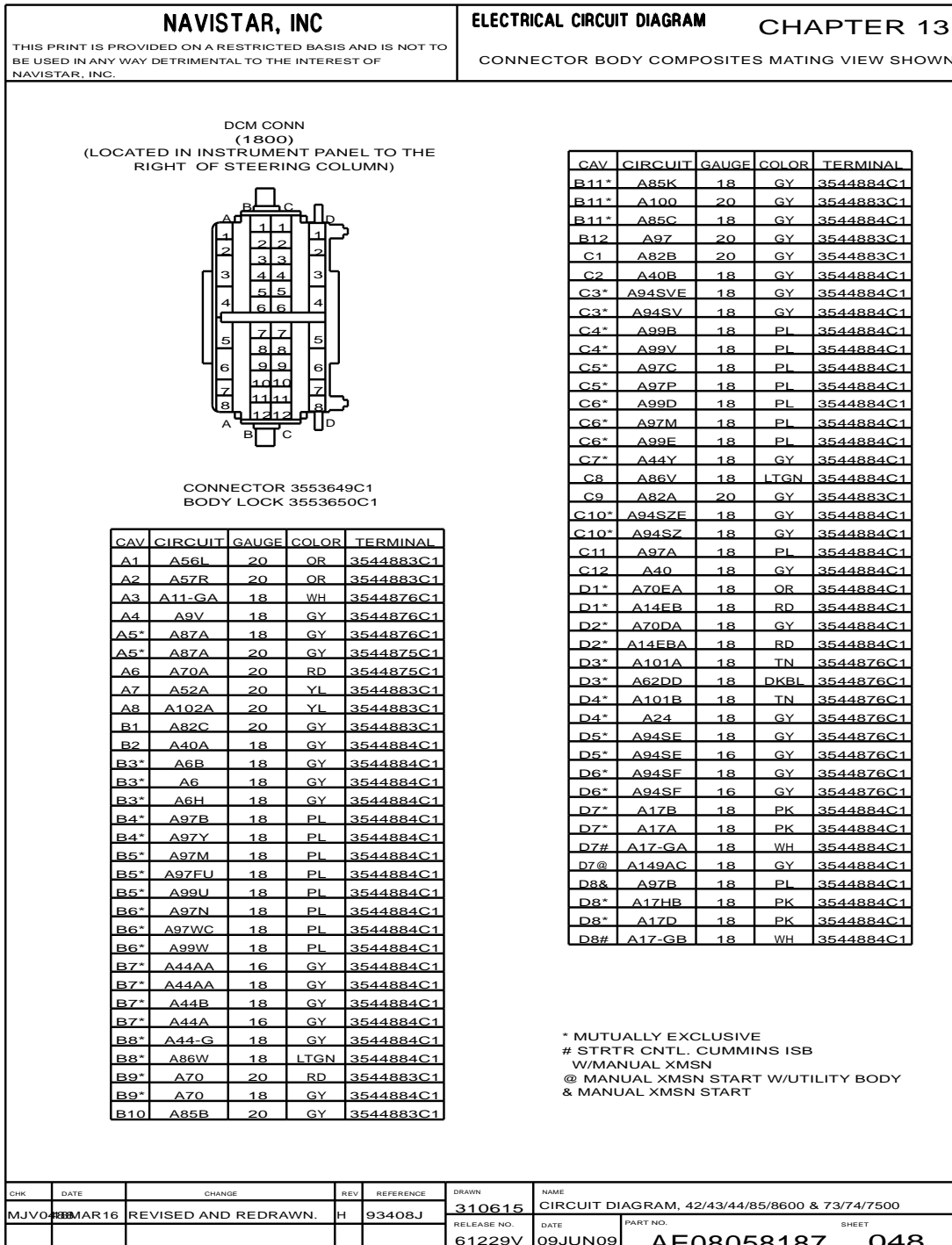


Figure 774 Connector Composites (1800)

13.101. CONNECTOR COMPOSITES (1800F), P. 48A

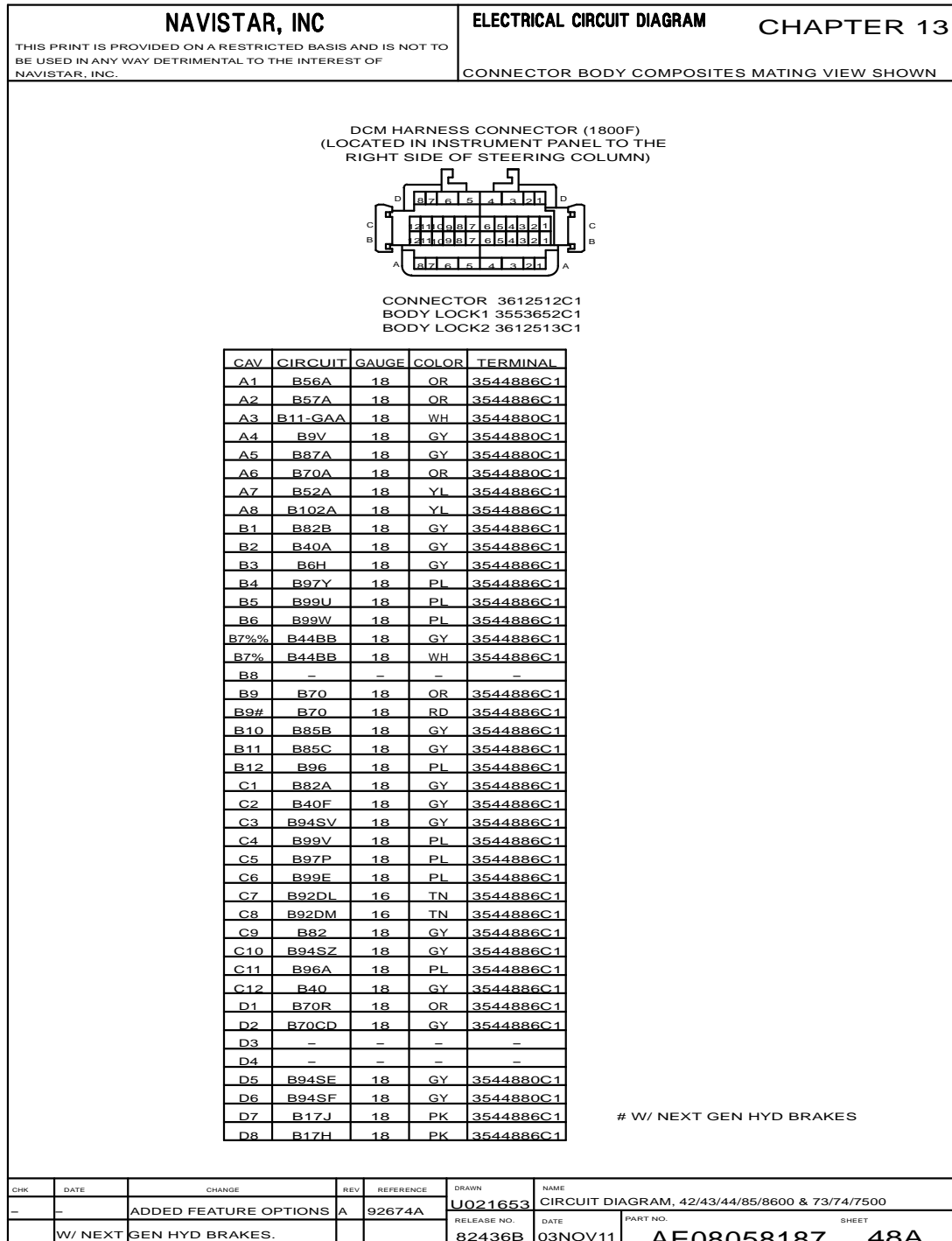


Figure 775 Connector Composites (1800F)

13.102. CONNECTOR COMPOSITES (1804), (1807), (1809), (1810), P. 49

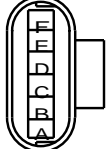
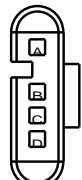
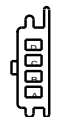
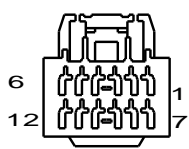
NAVISTAR, INC <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT CHAPTER 13 CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																																				
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8	B82	18	GY	3571717C1																																																																				
9	-	-	-	-																																																																				
10	-	-	-	-																																																																				
11	B82A	18	GY	3571717C1																																																																				
12	B87A	18	GY	3571717C1																																																																				
CONNECTOR 3539212C1																																																																								
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																		
MEF2	22JUN10	ADDED CONN 1804,	C	67657R	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																		
	1807, 1809 AND 1810.				RELEASE NO.	DATE	PART NO.																																																																	
					61229V	09JUN09	AE08058187																																																																	
						SHEET	049																																																																	

Figure 776 Connector Composites (1804), (1807), (1809), (1810)

13.103. CONNECTOR COMPOSITES (1811), (1812), (1813), P. 50

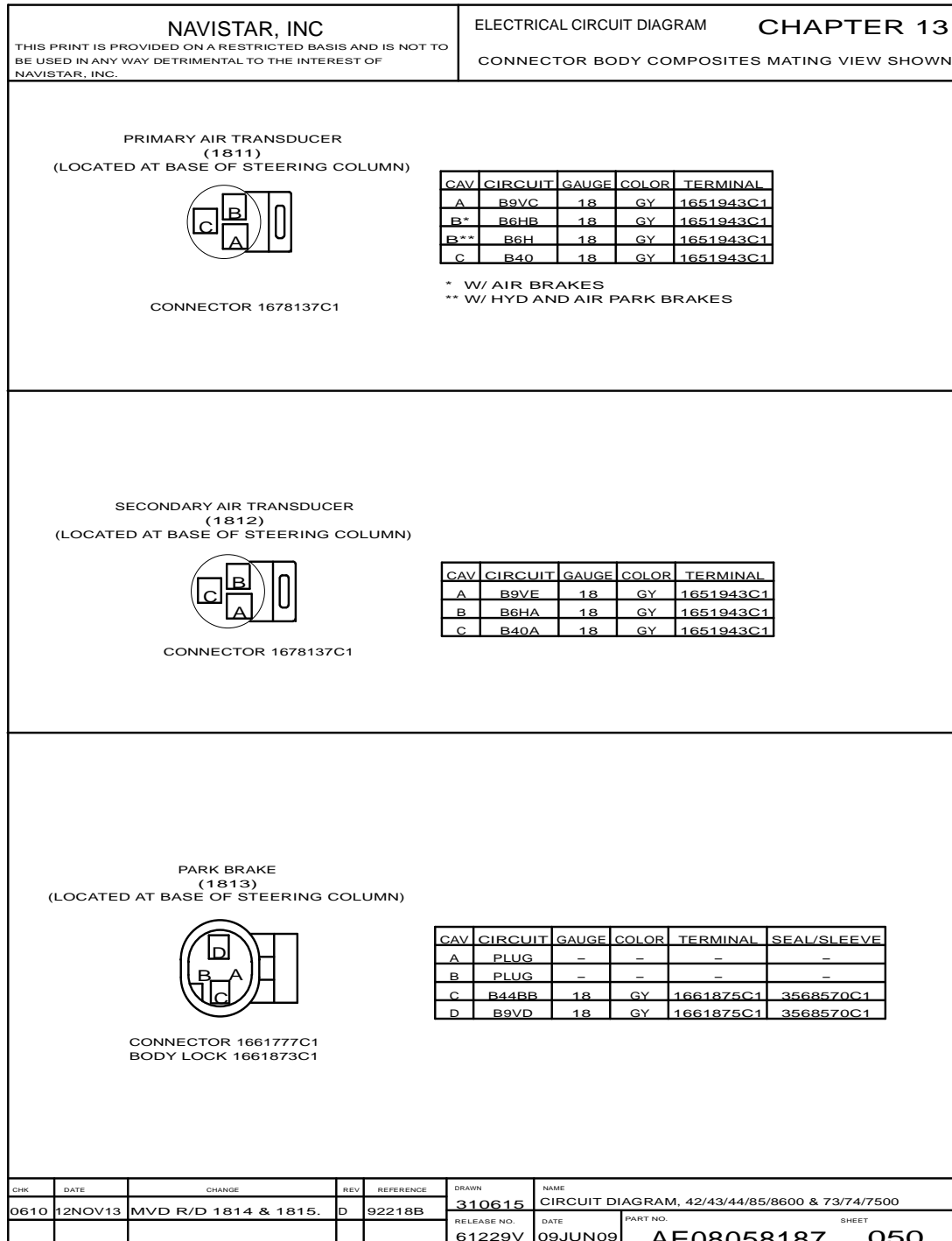


Figure 777 Connector Composites (1811), (1812), (1813)

13.104. CONNECTOR COMPOSITES (1815), P. 50A

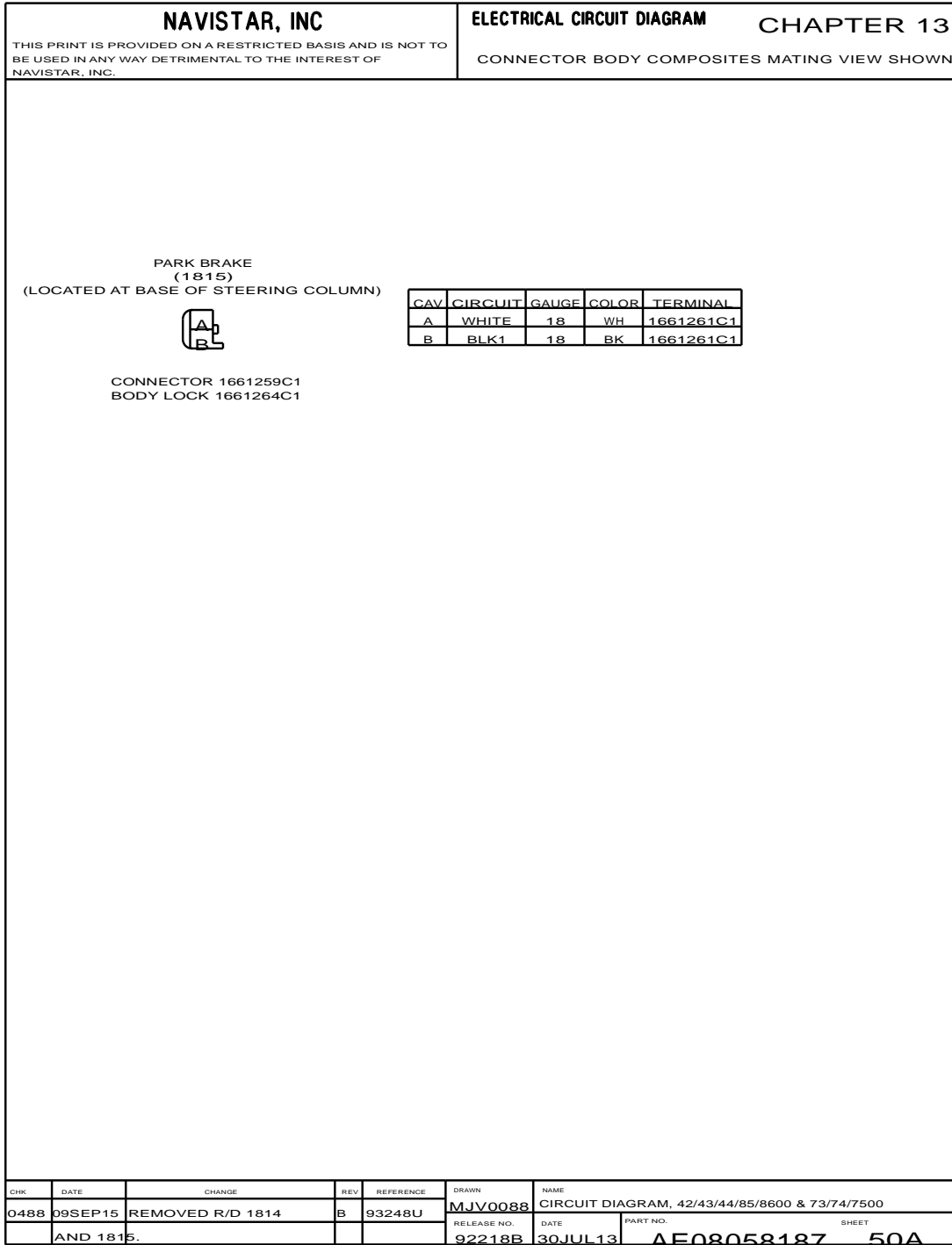


Figure 778 Connector Composites (1815)

13.105. CONNECTOR COMPOSITES (1820F), (1820M), (1822), P. 51




<p>NAVISTAR, INC <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small></p>	<p>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p>																																																																						
<p style="text-align: center;">RSP / ESP SWITCH CAB HARNESS STEERING WHEEL SENSOR (1820F) (LOCATED IN INSTRUMENT PANEL TO THE RIGHT OF STEERING COLUMN)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR 1667529C1</p> <table border="1" style="margin-left: auto; margin-right: auto; 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>B94SA</td> <td>20</td> <td>GY</td> <td>3634481C1</td> </tr> <tr> <td>B</td> <td>B94SB</td> <td>20</td> <td>GY</td> <td>3634481C1</td> </tr> <tr> <td>C</td> <td>B94SC</td> <td>20</td> <td>GY</td> <td>3634481C1</td> </tr> <tr> <td>D</td> <td>B94SD</td> <td>20</td> <td>GY</td> <td>3634481C1</td> </tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	B94SA	20	GY	3634481C1	B	B94SB	20	GY	3634481C1	C	B94SC	20	GY	3634481C1	D	B94SD	20	GY	3634481C1	<p style="text-align: center;">RSP/ESP SWS (1820M) (LOCATED IN INSTRUMENT PANEL TO THE RIGHT OF STEERING COLUMN)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR 1667305C1 BODY LOCK 1661263C1</p> <table border="1" style="margin-left: auto; margin-right: auto; 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>A94SAB</td> <td>18</td> <td>GY</td> <td>1661261C1</td> </tr> <tr> <td>A@</td> <td>A94SA</td> <td>20</td> <td>GY</td> <td>3544254C1</td> </tr> <tr> <td>B@</td> <td>A94SBB</td> <td>18</td> <td>GY</td> <td>1661261C1</td> </tr> <tr> <td>B@</td> <td>A94SB</td> <td>20</td> <td>GY</td> <td>3544254C1</td> </tr> <tr> <td>C@</td> <td>A94SCB</td> <td>18</td> <td>GY</td> <td>1661261C1</td> </tr> <tr> <td>C@</td> <td>A94SC</td> <td>20</td> <td>GY</td> <td>3544254C1</td> </tr> <tr> <td>D@</td> <td>A94SDB</td> <td>18</td> <td>GY</td> <td>1661261C1</td> </tr> <tr> <td>D@</td> <td>A94SD</td> <td>20</td> <td>GY</td> <td>3544254C1</td> </tr> </tbody> </table> <p style="text-align: center;">@ MUTUALLY EXCLUSIVE</p>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A@	A94SAB	18	GY	1661261C1	A@	A94SA	20	GY	3544254C1	B@	A94SBB	18	GY	1661261C1	B@	A94SB	20	GY	3544254C1	C@	A94SCB	18	GY	1661261C1	C@	A94SC	20	GY	3544254C1	D@	A94SDB	18	GY	1661261C1	D@	A94SD	20	GY	3544254C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																			
A	B94SA	20	GY	3634481C1																																																																			
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C	B94SC	20	GY	3634481C1																																																																			
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B@	A94SBB	18	GY	1661261C1																																																																			
B@	A94SB	20	GY	3544254C1																																																																			
C@	A94SCB	18	GY	1661261C1																																																																			
C@	A94SC	20	GY	3544254C1																																																																			
D@	A94SDB	18	GY	1661261C1																																																																			
D@	A94SD	20	GY	3544254C1																																																																			
<p>TRANSDUCER CONNECTOR (1822) (LOCATED AT BASE OF STEERING COLUMN)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR 1678137C1</p> <table border="1" style="margin-left: auto; margin-right: auto; 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>B9VF</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>B6HC</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>C</td> <td>B40F</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	B9VF	18	GY	1651943C1	B	B6HC	18	GY	1651943C1	C	B40F	18	GY	1651943C1																																																		
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B	B6HC	18	GY	1651943C1																																																																			
C	B40F	18	GY	1651943C1																																																																			
<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>0488</td> <td>24JAN14</td> <td>REMOVED R/D 1821.</td> <td>E</td> <td>92372W</td> <td>310615</td> <td>CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500</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>61229V</td> <td>09JUN09</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>PART NO.</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>AE08058187</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>SHEET</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>051</td> </tr> </table>		CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	0488	24JAN14	REMOVED R/D 1821.	E	92372W	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500						RELEASE NO.	DATE						61229V	09JUN09							PART NO.							AE08058187							SHEET							051														
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																	
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Figure 779 Connector Composites (1820F), (1820M), (1822)

13.106. CONNECTOR COMPOSITES (1823), (1824), (1825), P. 52

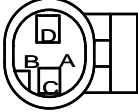
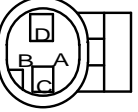
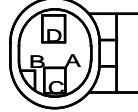
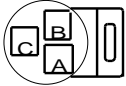
NAVISTAR, INC <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																
<p>STOP LIGHT # 1 (1823) (LOCATED AT BASE OF STEERING COLUMN)</p>  <p>CONNECTOR 1661777C1 BODY LOCK 1661873C1</p> <table border="1" style="margin-left: auto; margin-right: auto; 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>B70A</td> <td>18</td> <td>OR</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>D</td> <td>B9VG</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	-	-	-	-	-	B	-	-	-	-	-	C	B70A	18	OR	1661875C1	3568570C1	D	B9VG	18	GY	1661875C1	3568570C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																															
A	-	-	-	-	-																															
B	-	-	-	-	-																															
C	B70A	18	OR	1661875C1	3568570C1																															
D	B9VG	18	GY	1661875C1	3568570C1																															
<p>STOP LIGHT # 2 (1824) (LOCATED AT BASE OF STEERING COLUMN)</p>  <p>CONNECTOR 1661777C1 BODY LOCK 1661873C1</p> <table border="1" style="margin-left: auto; margin-right: auto; 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>B70</td> <td>18</td> <td>OR</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>D</td> <td>B9VH</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	-	-	-	-	-	B	-	-	-	-	-	C	B70	18	OR	1661875C1	3568570C1	D	B9VH	18	GY	1661875C1	3568570C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																															
A	-	-	-	-	-																															
B	-	-	-	-	-																															
C	B70	18	OR	1661875C1	3568570C1																															
D	B9VH	18	GY	1661875C1	3568570C1																															
<p>BRAKE PRESSURE SWITCH (1825) (LOCATED AT BASE OF STEERING COLUMN)</p>  <p>CONNECTOR 1661777C1 BODY LOCK 1661873C1</p> <table border="1" style="margin-left: auto; margin-right: auto; 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>B70R</td> <td>18</td> <td>OR</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>D</td> <td>B70CD</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	-	-	-	-	-	B	-	-	-	-	-	C	B70R	18	OR	1661875C1	3568570C1	D	B70CD	18	GY	1661875C1	3568570C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																															
A	-	-	-	-	-																															
B	-	-	-	-	-																															
C	B70R	18	OR	1661875C1	3568570C1																															
D	B70CD	18	GY	1661875C1	3568570C1																															
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																														
0488	24JAN14	REMOVED R/D 1826.	D	92372W	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																														
					RELEASE NO. 61229V	DATE 09JUN09 PART NO. AE08058187 SHEET 052																														

Figure 780 Connector Composites (1823), (1824), (1825)

13.107. CONNECTOR COMPOSITES (1828), (1829), (1852), (1852A), P. 53

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13			
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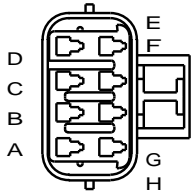
ABS SECONDARY AIR TRANSDUCER
(1828)
(LOCATED NEAR BRAKE PEDAL)



CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	B94SZB	18	GY	1651943C1
B	B94SVB	18	GY	1651943C1
C	B94SF	18	GY	1651943C1

CONNECTOR 1678137C1

LCT COLUMN SHIFTER
(1828)
(LOCATED ON THE BACK OF LCT SHIFT SELECTOR)

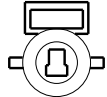


CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	PLUG	-	-	-	-
B*	A92-GAH	18	GY	1661875C1	3568570C1
B#	A92-GAH	18	WH	1661875C1	3568570C1
C	A92A163	18	TN	1661875C1	3568570C2
D	A92D	18	TN	1661875C1	3568570C4
E	A92#142	18	TN	1661875C1	3568570C5
F@	A92A103	18	TN	1661875C1	3568570C6
F*	A92B103	18	TN	1661875C1	3568570C7
F#	A92#103	18	TN	1661875C1	3568570C8
G&	A44L	18	GY	1661875C1	3568570C9
G*	A122AB	18	PL	1661875C1	3568570C10
H	A44J	18	GY	1661875C1	3568570C11

CONNECTOR 3525872C1
BODY LOCK 3525873C1

* ALSN W/PARK COL SHFT, WC LIFT, V8, W/FUSE W/LIFT SWITCH
XMSN, ALSN W/PARK COL SHFT W/FUSE
@ ALSN W/PARK COL SHFT, WC LIFT W/FUSE
& XMSN, ALSN 1000/2000 COL SHFT W/FUSE

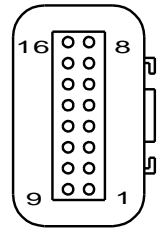
2ND BRAKE SWITCH INPUT
(1829)
(LOCATED NEAR BRAKE PEDAL)



CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	BY12	18	LTBL	2033819C1	3517771C1

CONNECTOR 1664531C1

WTEC SHIFT SELECTOR CONN
(1852 / 1852A)
(LOCATED IN INSTRUMENT PANEL NEAR SHIFTER)



CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	PLUG	-	-	3518314C1
2	PLUG	-	-	3518314C1
3	A62BE	18	GY	3517243C1
4	PLUG	-	-	3518314C1
5	A92-GAH	18	WH	3517243C1
6	PLUG	-	-	3518314C1
7	PLUG	-	-	3518314C1
8	A5FA(+)	18	YL	3517243C1
8*	A5BA(+)	18	YL	3517243C1
8*	A5GA(+)	18	YL	3517243C1
9	PLUG	-	-	3518314C1
10	PLUG	-	-	3518314C1
11	A92#134	18	TN	3517243C1
12	A92A163	18	TN	3517243C1
13	A92BT	18	TN	3517243C1
14	PLUG	-	-	3518314C1
15	A5FA(-)	18	GN	3517243C1
15*	A5BA(-)	18	GN	3517243C1
15*	A5GA(-)	18	GN	3517243C1
16	PLUG	-	-	3518314C1

CONNECTOR 3605446C91

* MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJVO	16MAR16	REVISED AND REDRAWN.	G	93408J	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					61229V	09JUN09
					PART NO.	SHEET
					AE08058187	053

Figure 781 Connector Composites (1828), (1829), (1852), (1852A)

13.108. CONNECTOR COMPOSITES (1861), (1872), (1873), P. 54

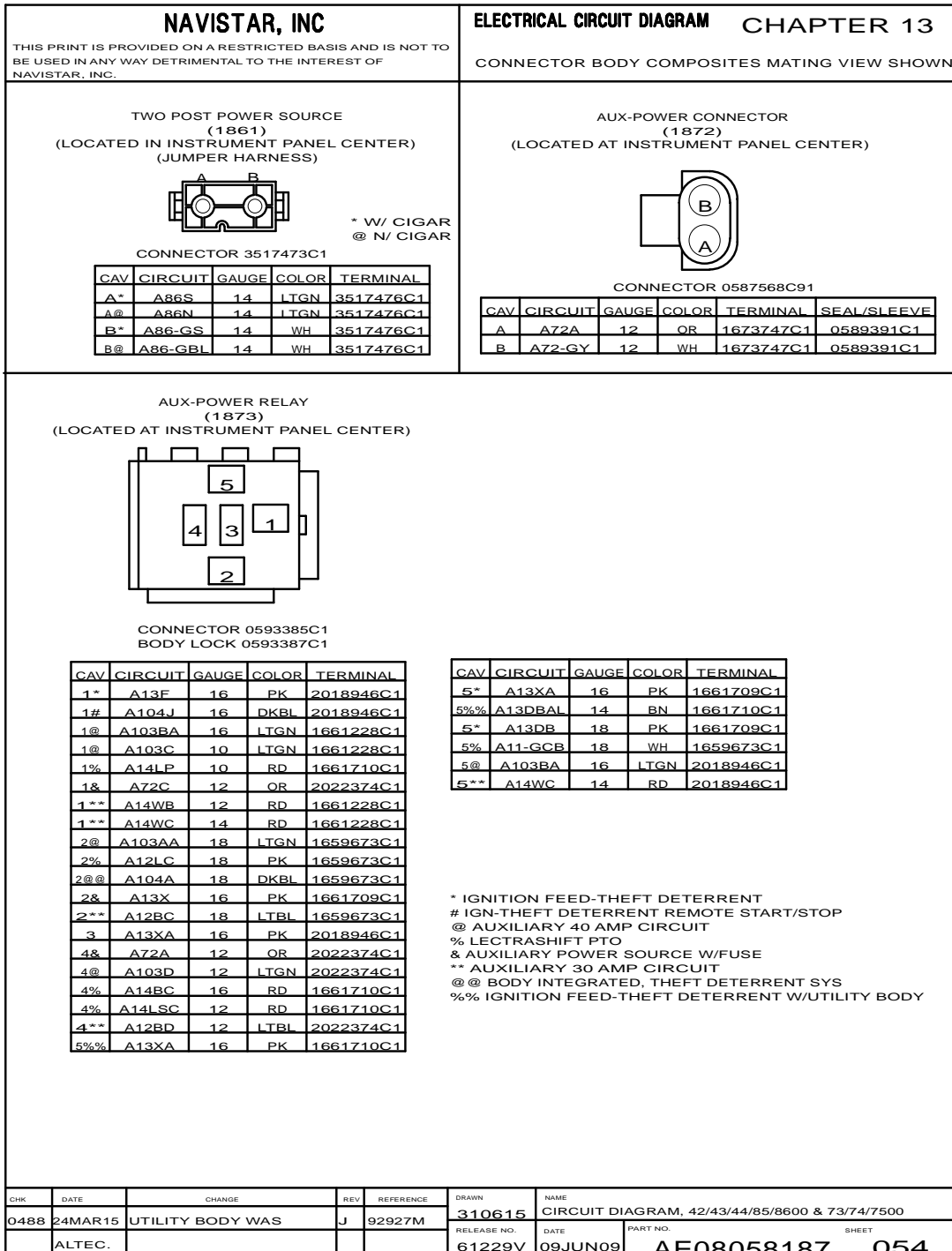


Figure 782 Connector Composites (1861), (1872), (1873)

13.109. CONNECTOR COMPOSITES (1873B), (1873C), (1873D), P. 54A

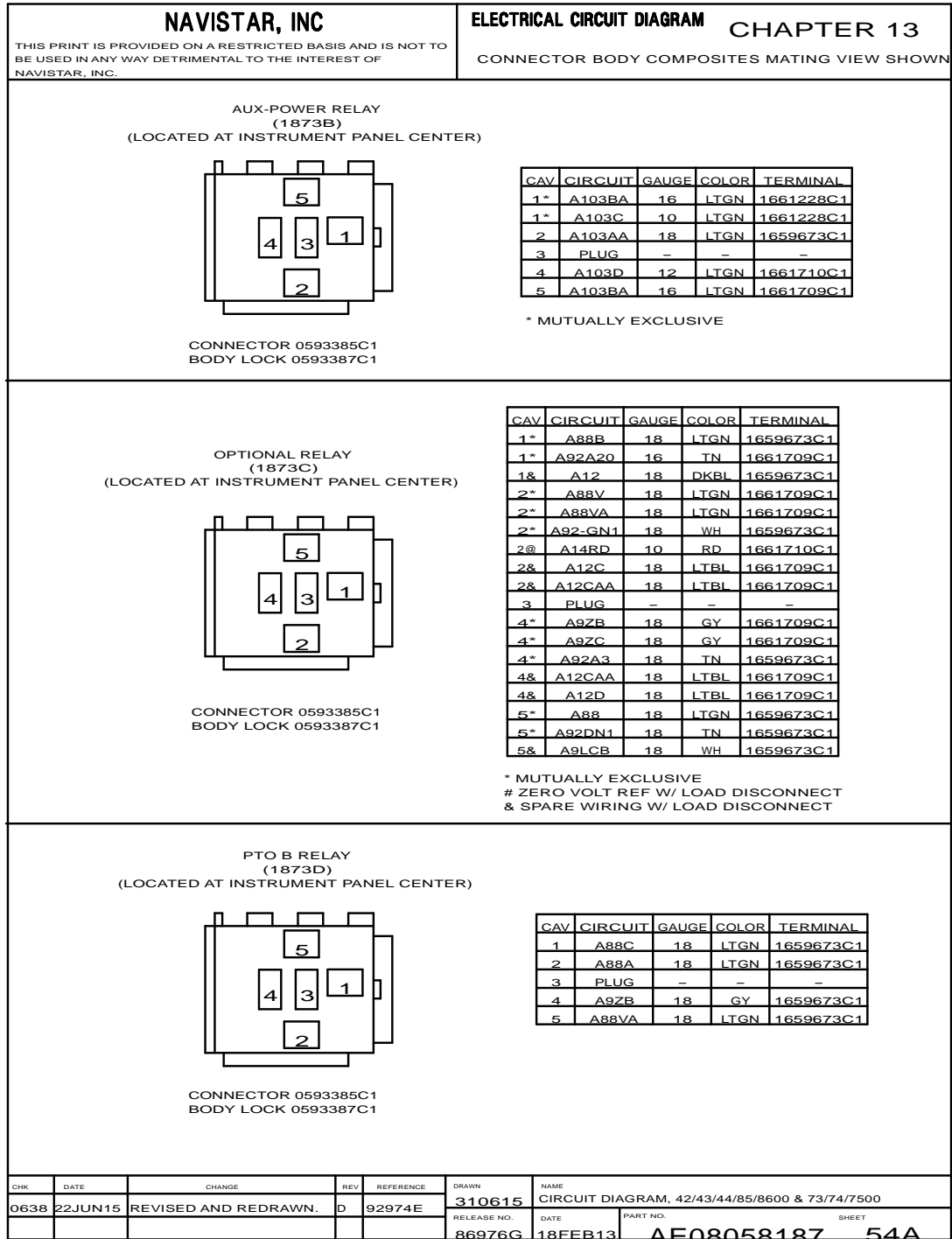


Figure 783 Connector Composites (1873B), (1873C), (1873D)

13.110. CONNECTOR COMPOSITES (1873E), (1873F), (1873G), P. 54B

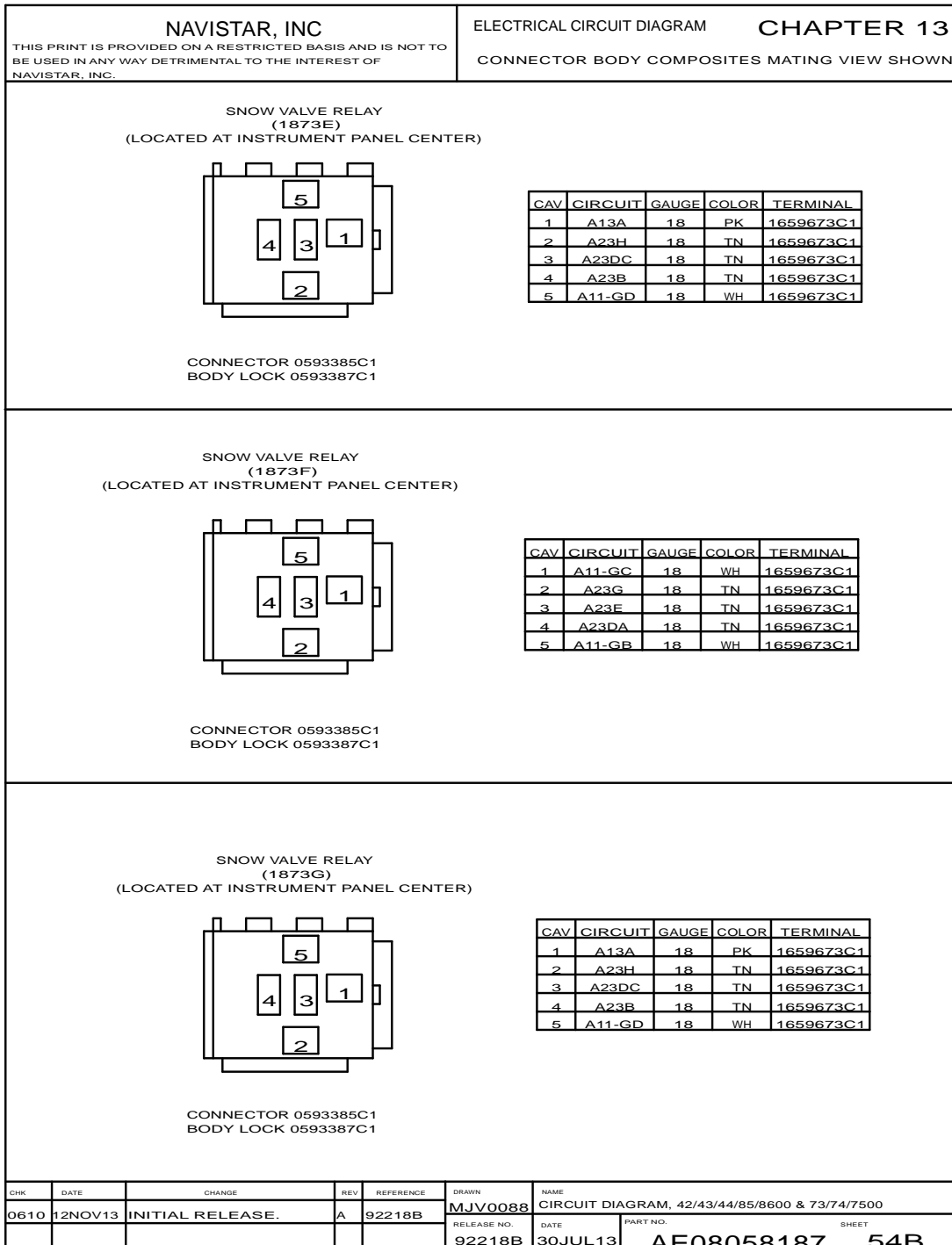


Figure 784 Connector Composites (1873E), (1873F), (1873G)

13.111. CONNECTOR COMPOSITES (1873H), (1873J), P. 54C

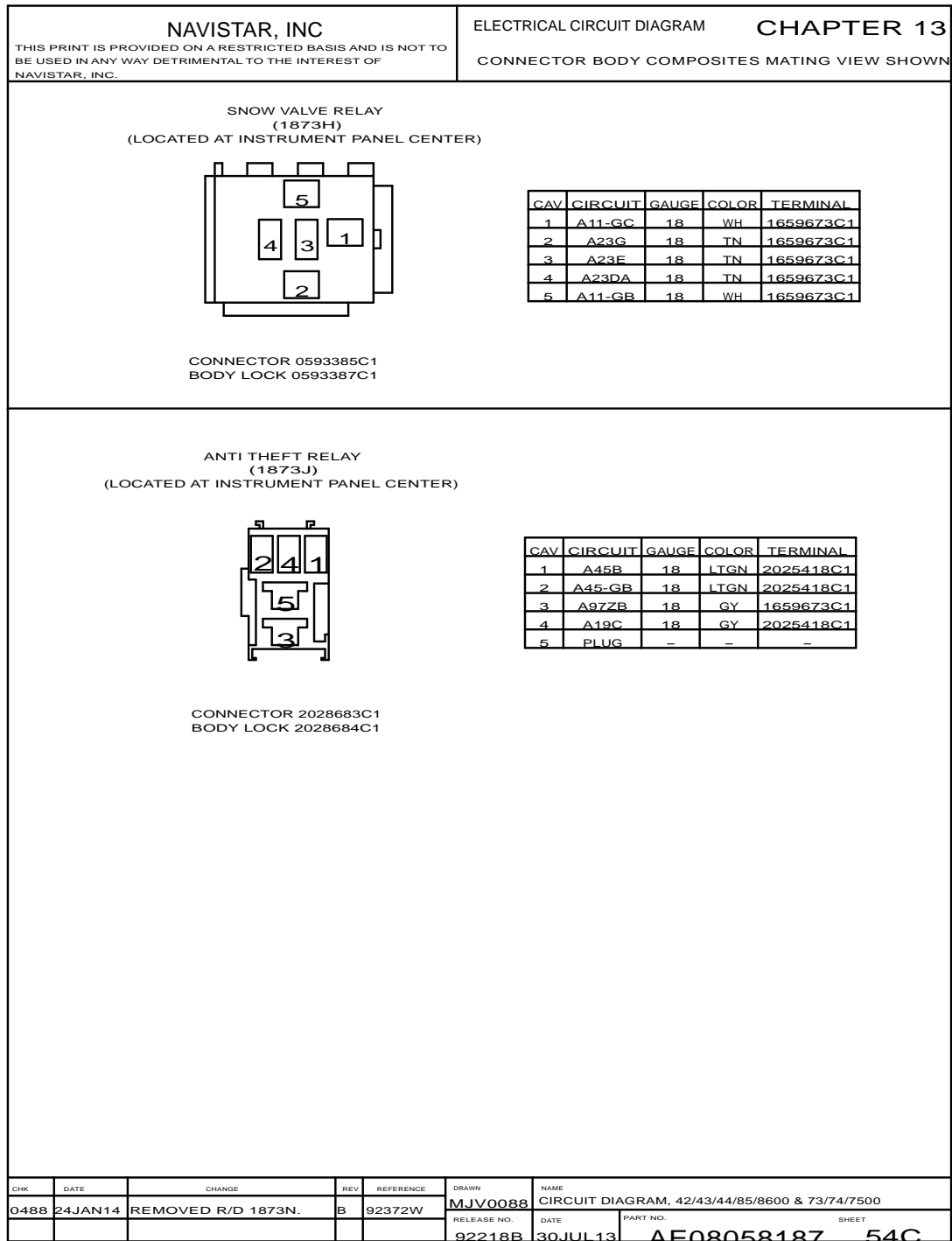


Figure 785 Connector Composites (1873H), (1873J)

13.112. CONNECTOR COMPOSITES (1873W), P. 54D

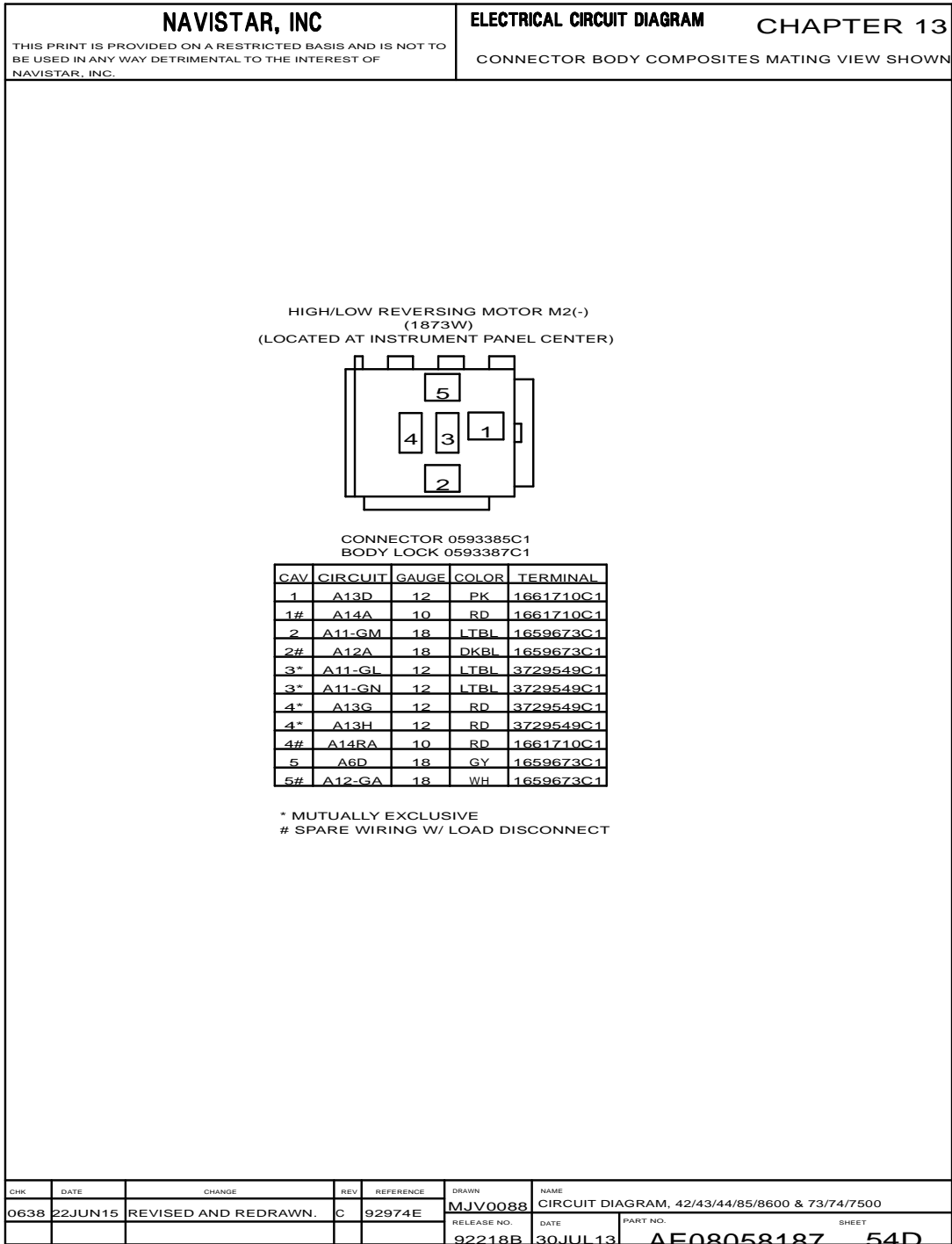


Figure 786 Connector Composites (1873W)

13.113. CONNECTOR COMPOSITES (1873X), (1873Y), (1873Z), P. 54E

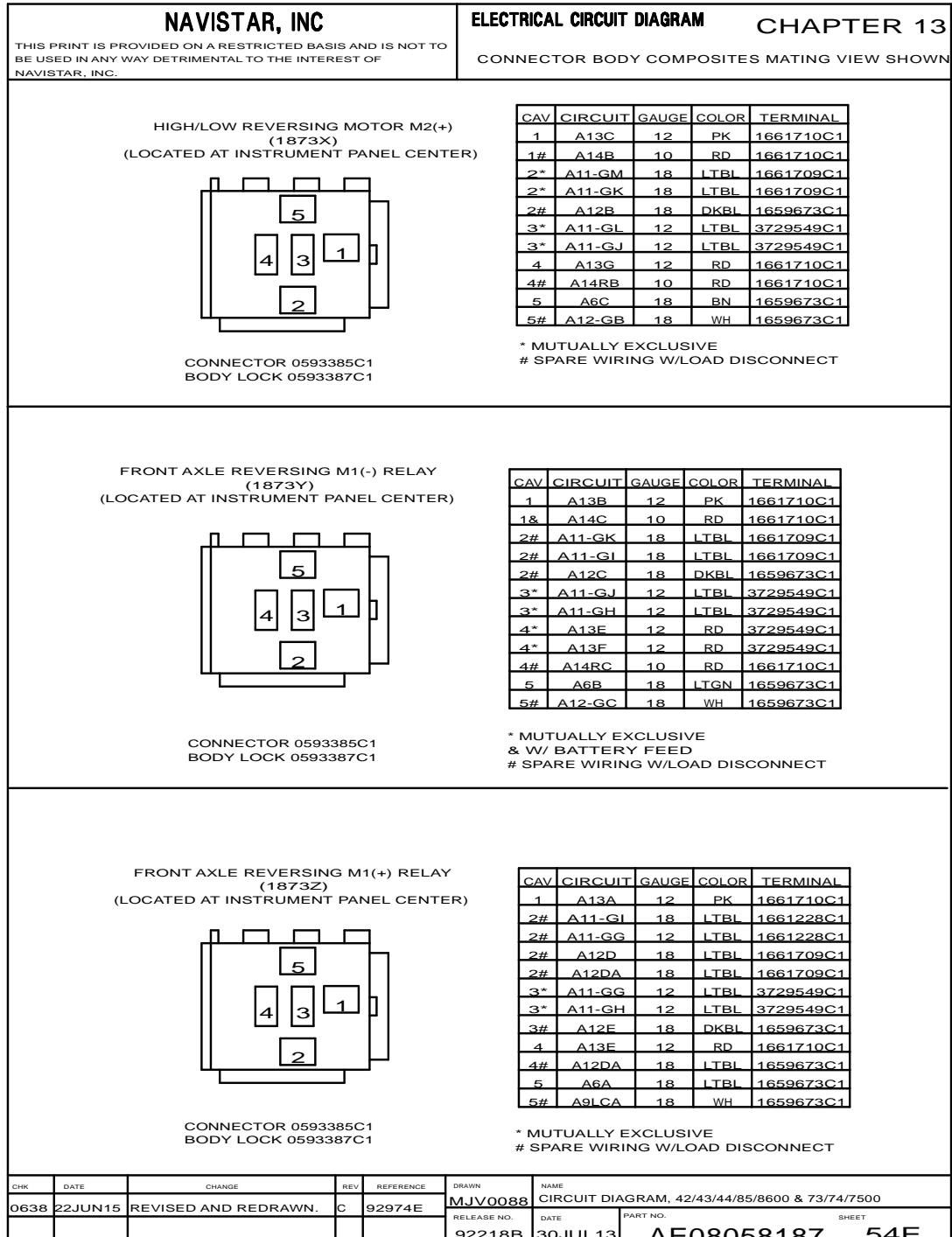


Figure 787 Connector Composites (1873X), (1873Y), (1873Z)

13.114. CONNECTOR COMPOSITES (1874), (1874A), (1874B), P. 54F

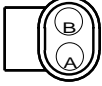

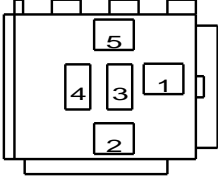



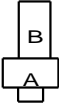
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																															
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WATER IN FUEL SENSOR (W.I.F) (1874) (LOCATED AT INSTRUMENT PANEL CENTER)																																					
				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K111-G</td> <td>16</td> <td>TN</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>K111A</td> <td>18</td> <td>TN</td> <td>2036586C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K111-G	16	TN	2036586C1	B	K111A	18	TN	2036586C1															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																	
A	K111-G	16	TN	2036586C1																																	
B	K111A	18	TN	2036586C1																																	
CONNECTOR 2036583C1																																					
WIF SENSOR (1874) (LOCATED AT INSTRUMENT PANEL CENTER)																																					
				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95W</td> <td>18</td> <td>TN</td> <td>3561584C1</td> <td>3536867C1</td> </tr> <tr> <td>2</td> <td>K95-GF</td> <td>18</td> <td>WH</td> <td>3561584C1</td> <td>3536867C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K95W	18	TN	3561584C1	3536867C1	2	K95-GF	18	WH	3561584C1	3536867C1												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																
1	K95W	18	TN	3561584C1	3536867C1																																
2	K95-GF	18	WH	3561584C1	3536867C1																																
CONNECTOR 3590390C91																																					
AIR COMPRESSOR RELAY (1874) (LOCATED AT INSTRUMENT PANEL CENTER)																																					
				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A40C</td> <td>14</td> <td>GY</td> <td>1661709C1</td> </tr> <tr> <td>2</td> <td>A40</td> <td>18</td> <td>GY</td> <td>1659673C1</td> </tr> <tr> <td>3</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>4</td> <td>A40A</td> <td>14</td> <td>GY</td> <td>1661709C1</td> </tr> <tr> <td>5</td> <td>A40-G</td> <td>18</td> <td>GY</td> <td>1659673C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A40C	14	GY	1661709C1	2	A40	18	GY	1659673C1	3	PLUG	-	-	-	4	A40A	14	GY	1661709C1	5	A40-G	18	GY	1659673C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																	
1	A40C	14	GY	1661709C1																																	
2	A40	18	GY	1659673C1																																	
3	PLUG	-	-	-																																	
4	A40A	14	GY	1661709C1																																	
5	A40-G	18	GY	1659673C1																																	
CONNECTOR 0593385C1 BODY LOCK 0593387C1																																					
CUMMINS WIF (1874A) (LOCATED IN LEFT SIDE OF ENGINE COMPARTMENT)																																					
				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95A</td> <td>18</td> <td>TN</td> <td>1651988C1</td> </tr> <tr> <td>2</td> <td>K95-G</td> <td>18</td> <td>WH</td> <td>1651988C1</td> </tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">W/ F-2017-ISB-ENG</p>				CAV	CIRCUIT	GA	COLOR	TERMINAL	1	K95A	18	TN	1651988C1	2	K95-G	18	WH	1651988C1															
CAV	CIRCUIT	GA	COLOR	TERMINAL																																	
1	K95A	18	TN	1651988C1																																	
2	K95-G	18	WH	1651988C1																																	
CONNECTOR 3850892C1 BODY LOCK 3539784C1																																					
CUMMINS WIF (1874A) (LOCATED IN LEFT SIDE OF ENGINE COMPARTMENT)																																					
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																	
1	K95A	18	TN	1651969C1																																	
2	K95-G	18	WH	1651969C1																																	
CONNECTOR 3850892C1 BODY LOCK 3518184C1																																					
WORKSTAR WIF SENSOR (1874B) (LOCATED AT INSTRUMENT PANEL CENTER)																																					
				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95W</td> <td>18</td> <td>TN</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>K95-GF</td> <td>18</td> <td>WH</td> <td>1680205C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95W	18	TN	1680205C1	2	K95-GF	18	WH	1680205C1															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																	
1	K95W	18	TN	1680205C1																																	
2	K95-GF	18	WH	1680205C1																																	
CONNECTOR 3602747C1 BODY LOCK 3539784C1																																					
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																															
MJV	16AUG16	ADDED R/D 1874A.	C	93614H	MJV0088	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																															
					RELEASE NO.	DATE	PART NO.																														
					92218B	30JUL13	AE08058187																														
						SHEET	54F																														

Figure 788 Connector Composites (1874), (1874A), (1874B)

13.115. CONNECTOR COMPOSITES (1900), (1901), (1902), (1903), (1910), (1910A), P. 55

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WHEEL CHAIR LIFT INTERLOCK DIODE
(1900)
(LOCATED IN INSTRUMENT PANEL
NEAR DCM BREAKOUT)




CONNECTOR 0872291R1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A89CB	18	PL	0879630R1
B	A89CE	18	PL	0879630R1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A89CB	18	PL	0879630R1
B	A89CE	18	PL	0879630R1

AUX POWER
(1901)
(LOCATED AT INSTRUMENT PANEL CENTER)




CONNECTOR 1661196C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A*	A86RC	14	LTGN	3566715C1
A*	A86PA	16	LTGN	1661208C1
A#	A86PA	16	LTGN	1661209C1
B*	A86-GRC	14	WH	3566715C1
B*	A86-GBB	16	WH	1661208C1
B#	A86-GBB	16	WH	1661209C1

* MUTUALLY EXCLUSIVE
POWER SOURCE-CIGAR LIGHTER


AUX POWER 2
(1901A)
(LOCATED AT INSTRUMENT PANEL CENTER)



CONNECTOR 1661196C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A86RD	14	LT GN	3566715C1
B	A86-GRD	14	WH	3566715C1


QUALCOM POWER
(1902)
(LOCATED IN RIGHT SIDE INSTRUMENT PANEL)



CONNECTOR 1661201C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A3AB(+)	18	DKBL	1661212C1
B	A3AB(-)	18	GY	1661212C1
C	A14AF	18	RD	1661212C1
D	A11-GBF	18	WH	1661212C1
E	A13FG	18	PK	1661212C1
F	A62B	18	DKBL	1661212C1


CONSOLE CIGAR LIGHTER
(1903)
(LOCATED AT CENTER PANEL)



CONNECTOR 3590298C1
BODY LOCK 3557682C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A84	16	LTGN	3534165C1
B	-	-	-	-
C	A84-G	16	WH	3534165C1


XATA MODULE
(1910)
(LOCATED AT RIGHT SIDE BACK OF DOOR)



CONNECTOR 1667305C1
BODY LOCK 1661263C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A14EA	16	RD	1661261C1
B	A11-GBE	16	WH	1661261C1
C	A3BE(+)	18	DKBL	1661261C1
D	A3BE(-)	18	GY	1661261C1

XATANET MODULE
(1910A)
(LOCATED AT RIGHT SIDE BACK OF DOOR)



CONNECTOR 1667305C1
BODY LOCK 1661263C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A14EA	16	RD	1661261C1
B	A11-GBE	16	WH	1661261C1
C*	A3BE(+)	18	DKBL	1661261C1
C#	A5CG(+)	18	YL	1661261C1
D*	A3BE(-)	18	GY	1661261C1
D#	A5CG(-)	18	GN	1661261C1

* XATA PREWIRE W/1708 DATALINK
XATA PREWIRE W/1939 DATALINK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJVO	09SEP17	ADDED R/D 1901A.	H	94139C	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					61229V	09JUN09
						PART NO.
						AE08058187
						SHEET
						055

Figure 789 Connector Composites (1900), (1901), (1902), (1903), (1910), (1910A)

13.116. CONNECTOR COMPOSITES (1911), (1917), (1918), (1918A), (1919A), (1920), P. 55A

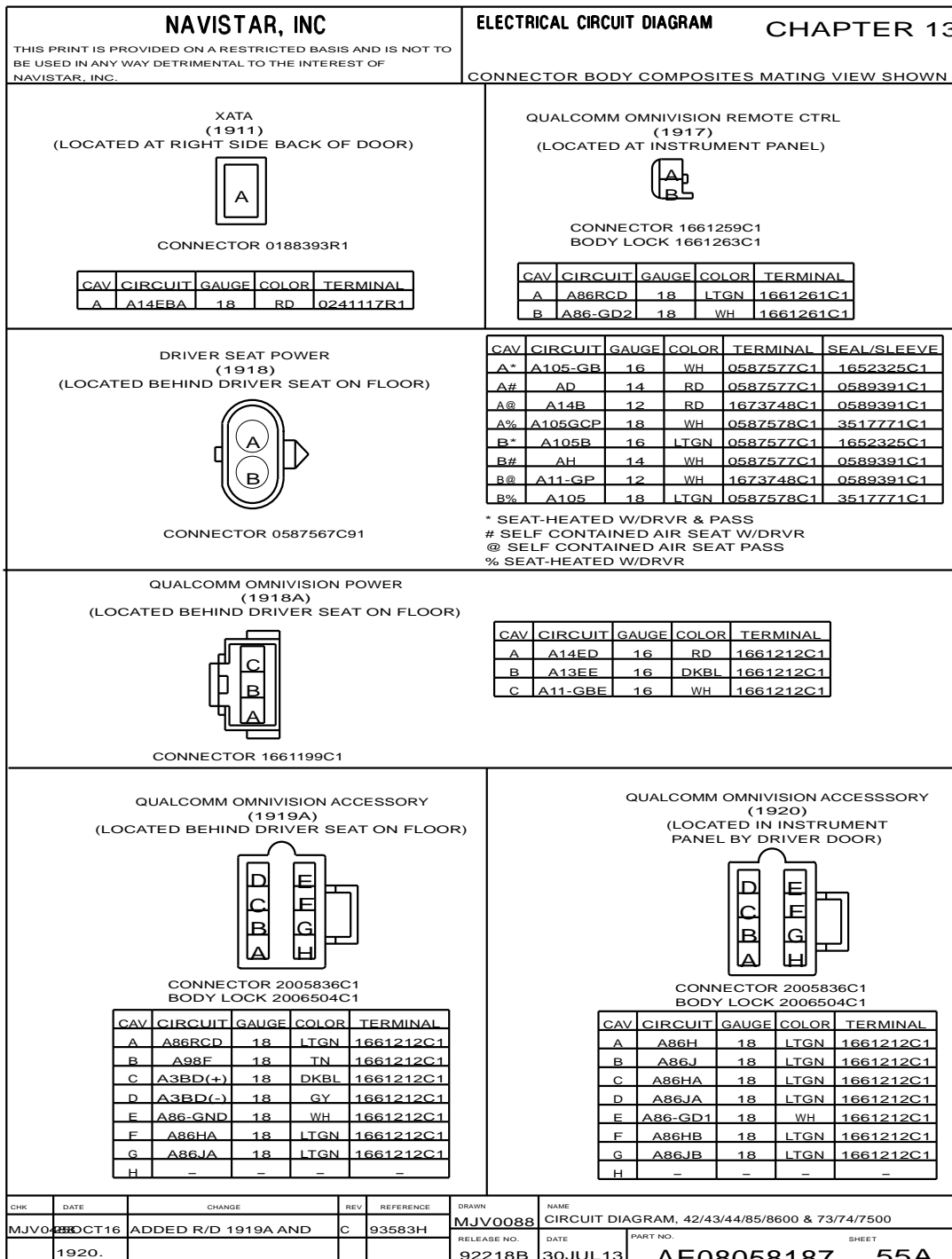


Figure 790 Connector Composites (1911), (1917), (1918), (1918A), (1919A), (1920)

13.117. CONNECTOR COMPOSITES (1921), (1924), (1927), (1929), P. 56

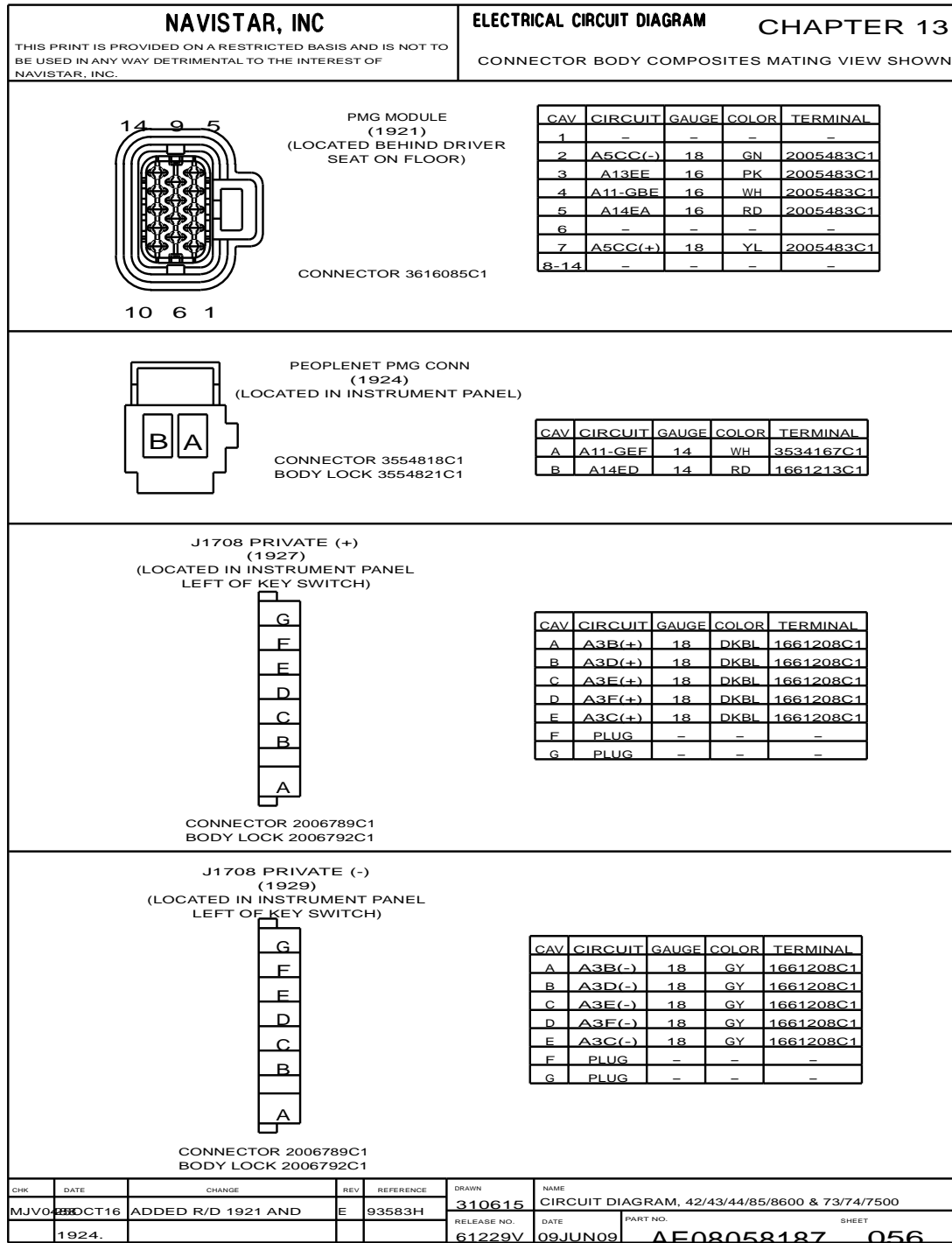


Figure 791 Connector Composites (1921), (1924), (1927), (1929)

13.118. CONNECTOR COMPOSITES (1935), (1936M), (1937N), (1938M), (1939), P. 57

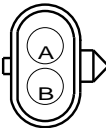
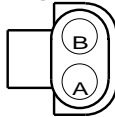
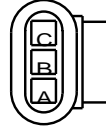
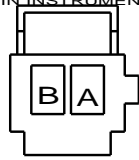
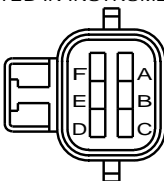
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<p>HEATED SEAT PASSENGER (1935) (LOCATED BEHIND PASSENGER SEAT ON FLOOR)</p> 		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A*</td> <td>A105-GA</td> <td>16</td> <td>WH</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>A*</td> <td>A14C</td> <td>12</td> <td>RD</td> <td>1673748C1</td> <td>0589391C1</td> </tr> <tr> <td>B*</td> <td>A105A</td> <td>16</td> <td>LTGN</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>B*</td> <td>A11-GR</td> <td>12</td> <td>WH</td> <td>1673748C1</td> <td>0589391C1</td> </tr> </tbody> </table> <p style="font-size: x-small;">*MUTUALLY EXCLUSIVE CONNECTOR 0587567C91</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	A105-GA	16	WH	0587577C1	1652325C1	A*	A14C	12	RD	1673748C1	0589391C1	B*	A105A	16	LTGN	0587577C1	1652325C1	B*	A11-GR	12	WH	1673748C1	0589391C1												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
A*	A105-GA	16	WH	0587577C1	1652325C1																																										
A*	A14C	12	RD	1673748C1	0589391C1																																										
B*	A105A	16	LTGN	0587577C1	1652325C1																																										
B*	A11-GR	12	WH	1673748C1	0589391C1																																										
<p>OMNIVISION PTO (1936M) (LOCATED IN RIGHT SIDE IN INSTRUMENT PANEL)</p> 		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A59DA</td> <td>18</td> <td>GY</td> <td>0587576C1</td> <td>3517771C1</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>0587579C1</td> <td>-</td> </tr> </tbody> </table> <p style="font-size: x-small;">CONNECTOR 0587568C91</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A59DA	18	GY	0587576C1	3517771C1	B	PLUG	-	-	0587579C1	-																								
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
A	A59DA	18	GY	0587576C1	3517771C1																																										
B	PLUG	-	-	0587579C1	-																																										
<p>QUALCOMM OMNI ACCESSORY (1937N) (LOCATED BEHIND DRIVER SEAT ON FLOOR)</p> 		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A5Y(+)</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>A5Y(-)</td> <td>18</td> <td>GN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table> <p style="font-size: x-small;">CONNECTOR 1667741C1 BODY LOCK 166771C1</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A5Y(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	C	A5Y(-)	18	GN	1661875C1	3568570C1																		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
A	A5Y(+)	18	YL	1661875C1	3568570C1																																										
B	PLUG	-	-	2025431C1	-																																										
C	A5Y(-)	18	GN	1661875C1	3568570C1																																										
<p>PEOPLENET CONN (1938M) (LOCATED IN INSTRUMENT PANEL)</p> 		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A11-GBF</td> <td>14</td> <td>WH</td> <td>3534167C1</td> </tr> <tr> <td>B</td> <td>A14EA</td> <td>14</td> <td>RD</td> <td>1661213C1</td> </tr> </tbody> </table> <p style="font-size: x-small;">CONNECTOR 3554818C1 BODY LOCK 3554821C1</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A11-GBF	14	WH	3534167C1	B	A14EA	14	RD	1661213C1																											
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																											
A	A11-GBF	14	WH	3534167C1																																											
B	A14EA	14	RD	1661213C1																																											
<p>PEOPLENET COMMUNICATIONS (1939) (LOCATED IN INSTRUMENT PANEL)</p> 		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A3BD(+)</td> <td>18</td> <td>DKBL</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>B</td> <td>A3BD(-)</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>C</td> <td>A14ED</td> <td>18</td> <td>RD</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>D</td> <td>A11-GBE</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>E</td> <td>A13EE</td> <td>18</td> <td>PK</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>F</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>2025431C1</td> <td>-</td> </tr> </tbody> </table> <p style="font-size: x-small;">CONNECTOR 2011340C1 BODY LOCK 2011364C1</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A3BD(+)	18	DKBL	1661875C1	3568570C1	B	A3BD(-)	18	GY	1661875C1	3568570C1	C	A14ED	18	RD	1661875C1	1661872C1	D	A11-GBE	18	WH	1661875C1	3568570C1	E	A13EE	18	PK	1661875C1	3568570C1	F	PLUG	-	-	2025431C1	-
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
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D	A11-GBE	18	WH	1661875C1	3568570C1																																										
E	A13EE	18	PK	1661875C1	3568570C1																																										
F	PLUG	-	-	2025431C1	-																																										
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																									
MJVO	03 OCT 16	REVISED AND REDRAWN.	E	93583H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																									
					RELEASE NO.	DATE																																									
					61229V	09 JUN 09																																									
						PART NO.																																									
						AE08058187																																									
						SHEET																																									
						057																																									

Figure 792 Connector Composites (1935), (1936M), (1937N), (1938M), (1939)

13.119. CONNECTOR COMPOSITES (1939M), (1941), (1942F), P. 57A

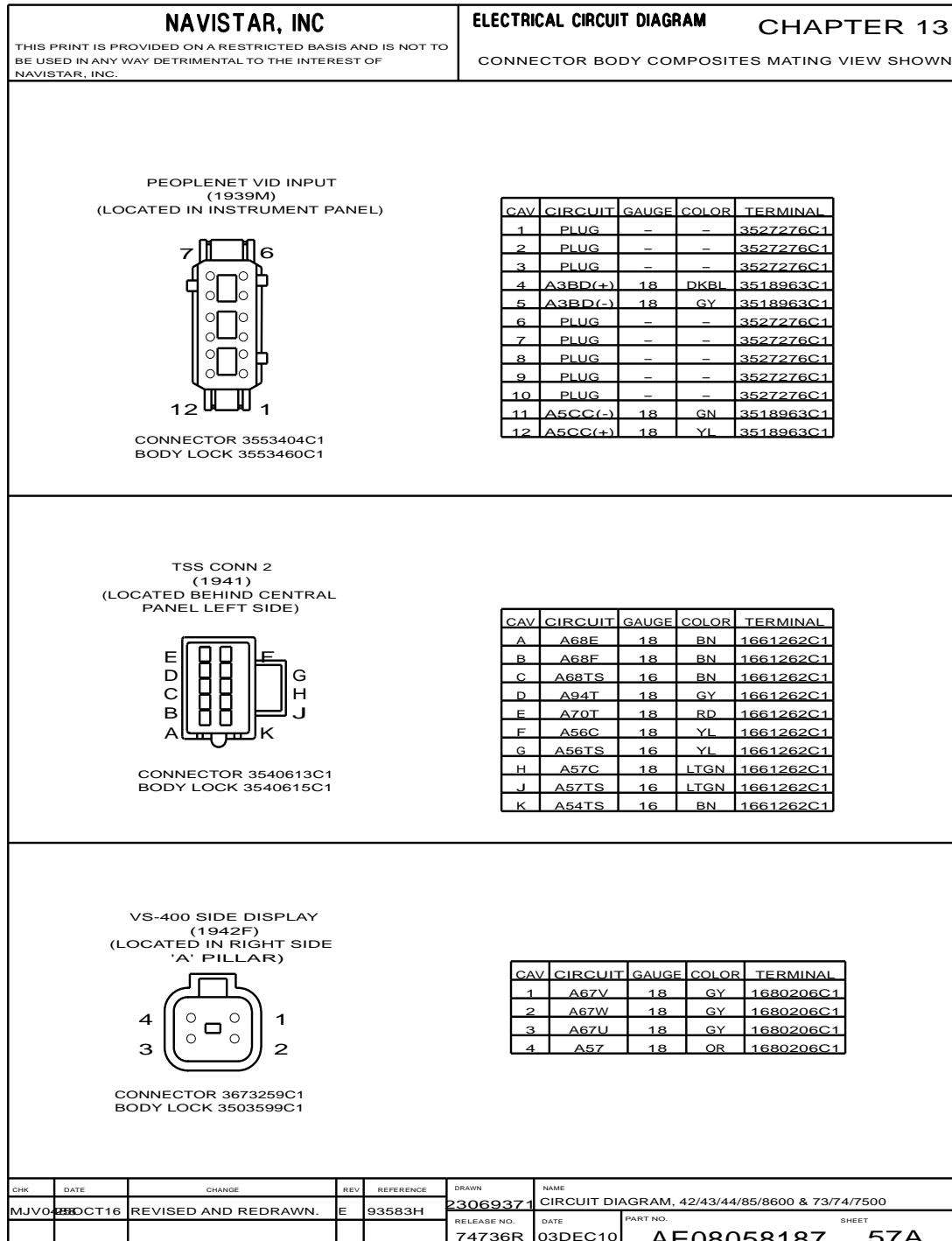



Figure 793 Connector Composites (1939M), (1941), (1942F)

13.120. CONNECTOR COMPOSITES (1943M), (1946), (1947), P. 57B

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VS-400 DRIVER DISPLAY/BENDIX WINGMAN
DRIVER DISPLAY
(1943M)
(LOCATED IN INSTRUMENT PANEL
RIGHT SIDE)

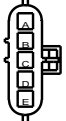


CONNECTOR 3673332C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1-3	-	-	-	-
4	A67AC	18	PK	3673333C1
4#	A67E	20	PK	3673333C1
5	A67-GB	18	WH	3673333C1
5#	A67-GD	20	WH	3673333C1
6*	A5RM(-)	18	GN	3673333C1
6*	A5J(-)	18	GN	3673332C1
6*	A5CA(-)	18	GN	3673333C1
6*	A5E(-)	18	GN	3673333C1
6%	A5H(-)	20	GN	3673333C1
7*	A5RM(+)	18	YL	3673333C1
7	A5J(+)	18	YL	3673332C1
7*	A5CA(+)	18	YL	3673333C1
7*	A5E(+)	18	YL	3673333C1
7%	A5H(+)	20	YL	3673333C1
8	-	-	-	-

* MUTUALLY EXCLUSIVE
W/ BENDIX FUSION
% W/ J1939 W/ BENDIX FUSION


TSS CONN 1
(1946)
(LOCATED BEHIND CENTRAL PANEL LEFT SIDE)



CONNECTOR 1677851C1
BODY LOCK 1677914C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	A94P	16	GY	2033911C1	1652325C1
B	A70TS	14	RD	2033912C1	1652325C1
C	A55A	12	OR	2033912C1	0589391C1
D	A14T	10	RD	1687848C1	0589390C1
E	A11-TSS	10	WH	1687848C1	0589390C1

TSS CONN.3
(1947)
(LOCATED BEHIND CENTRAL PANEL LEFT SIDE)



CONNECTOR 3515763C1
BODY LOCK 3515765C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	-	-	-	-
B	-	-	-	-
C	-	-	-	-
D	-	-	-	-
E	A54ST	18	BN	1661262C1
F	A54SL	18	BN	1661262C1
G	A54SV	18	BN	1661262C1
H	A54SA	18	BN	1661262C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJV	09SEP17	REVISED AND REDRAWN.	K	94139C	23069371	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					74736R	09FEB11
					PART NO.	SHEET
					AE08058187	57B

Figure 794 Connector Composites (1943M), (1946), (1947)

13.121. CONNECTOR COMPOSITES (1948), (1949), (1956), (1957), P. 57C

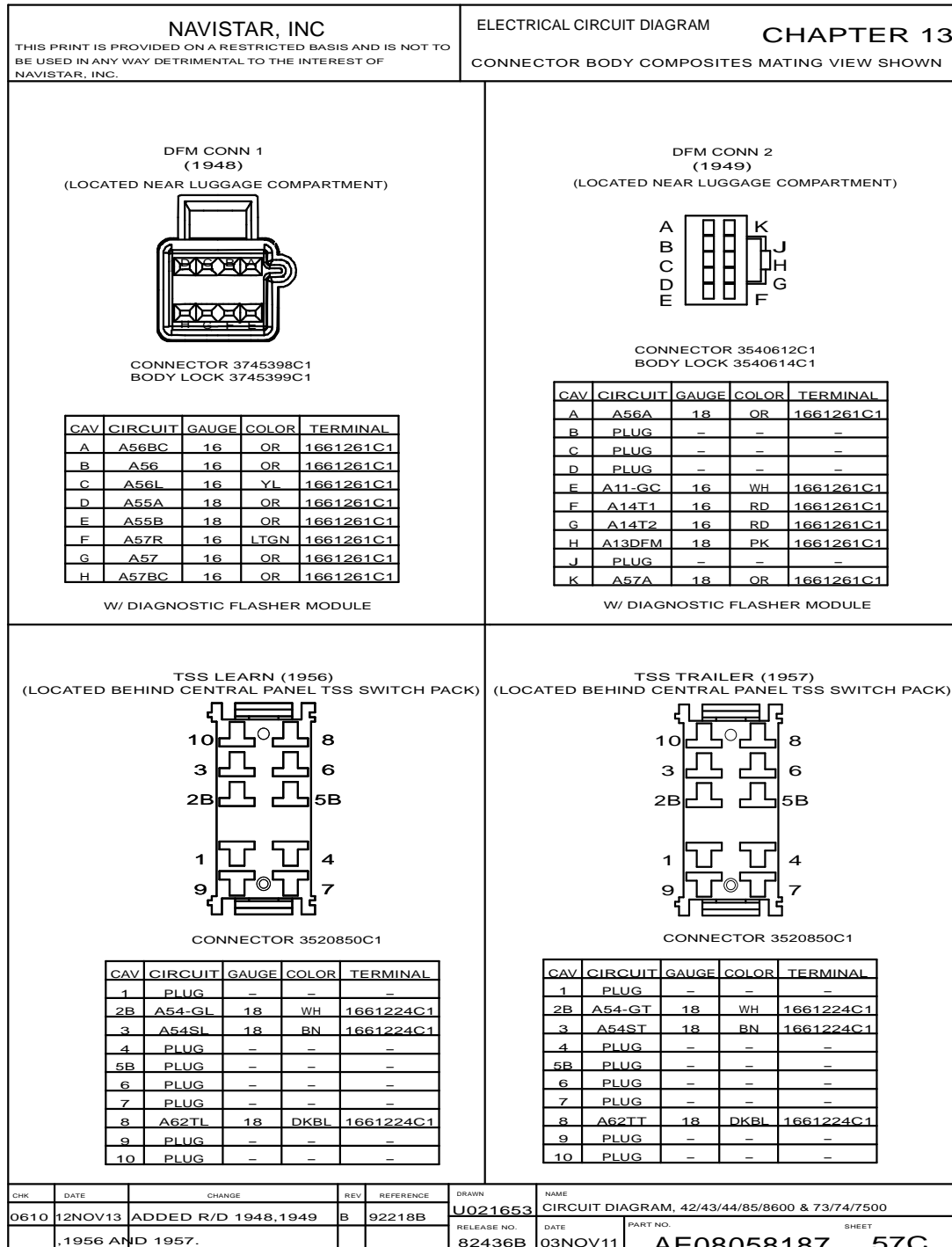


Figure 795 Connector Composites (1948), (1949), (1956), (1957)

13.122. CONNECTOR COMPOSITES (1958), (1959), (1961), (1962), P. 57D

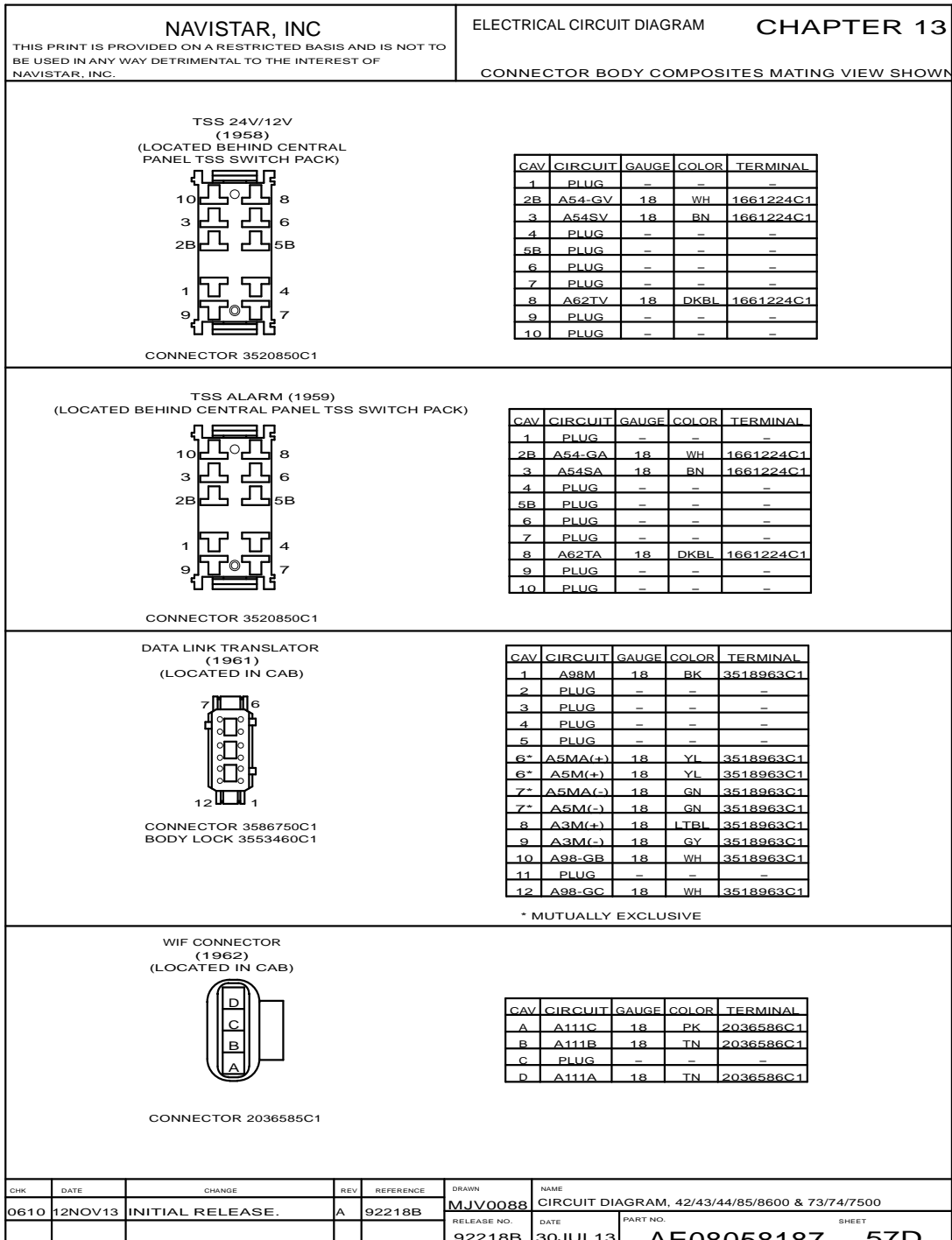


Figure 796 Connector Composites (1958), (1959), (1961), (1962)

13.123. CONNECTOR COMPOSITES (1964), P. 57E

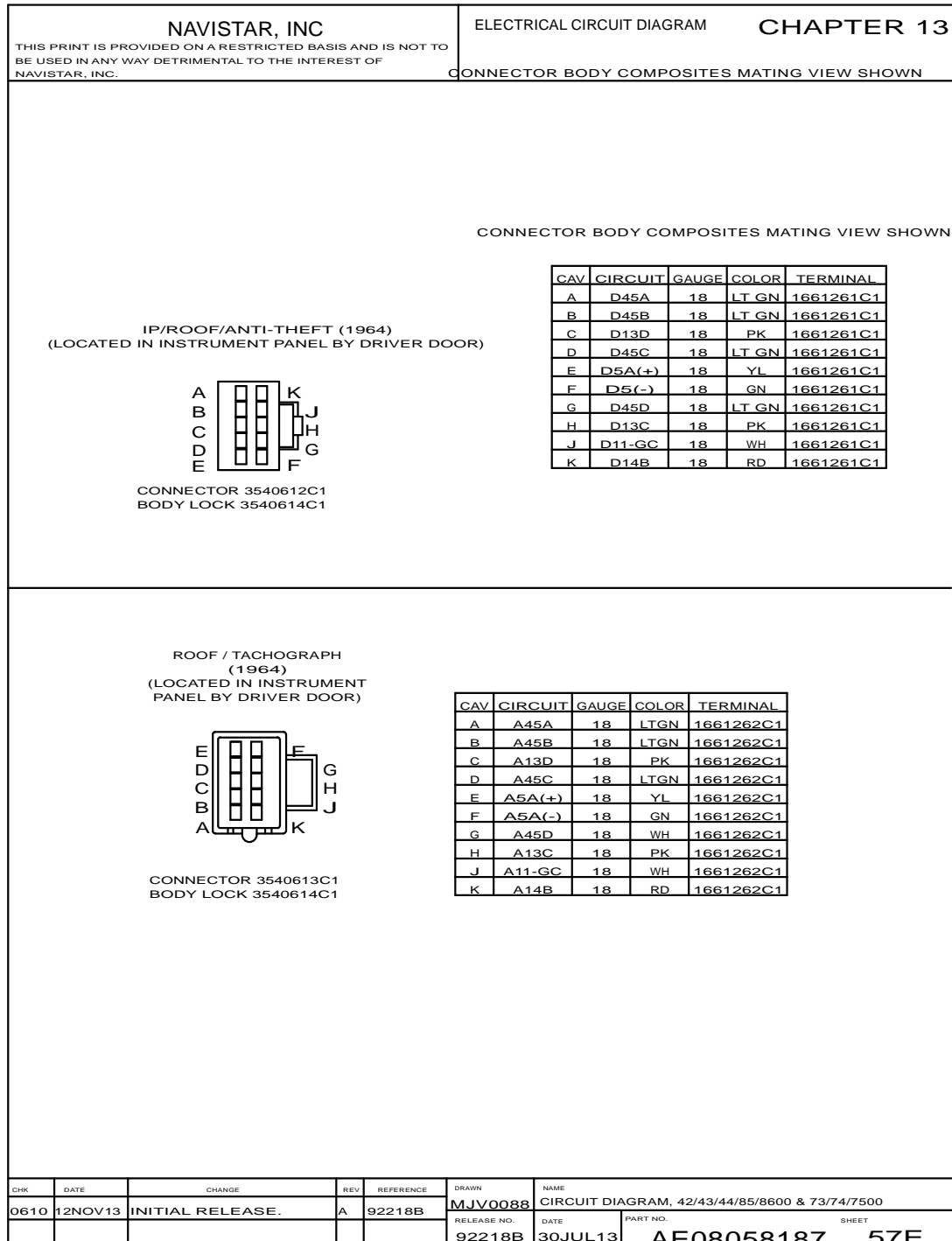


Figure 797 Connector Composites (1964)

13.124. CONNECTOR COMPOSITES (1965), (1965F), (1971), (1981), P. 57F

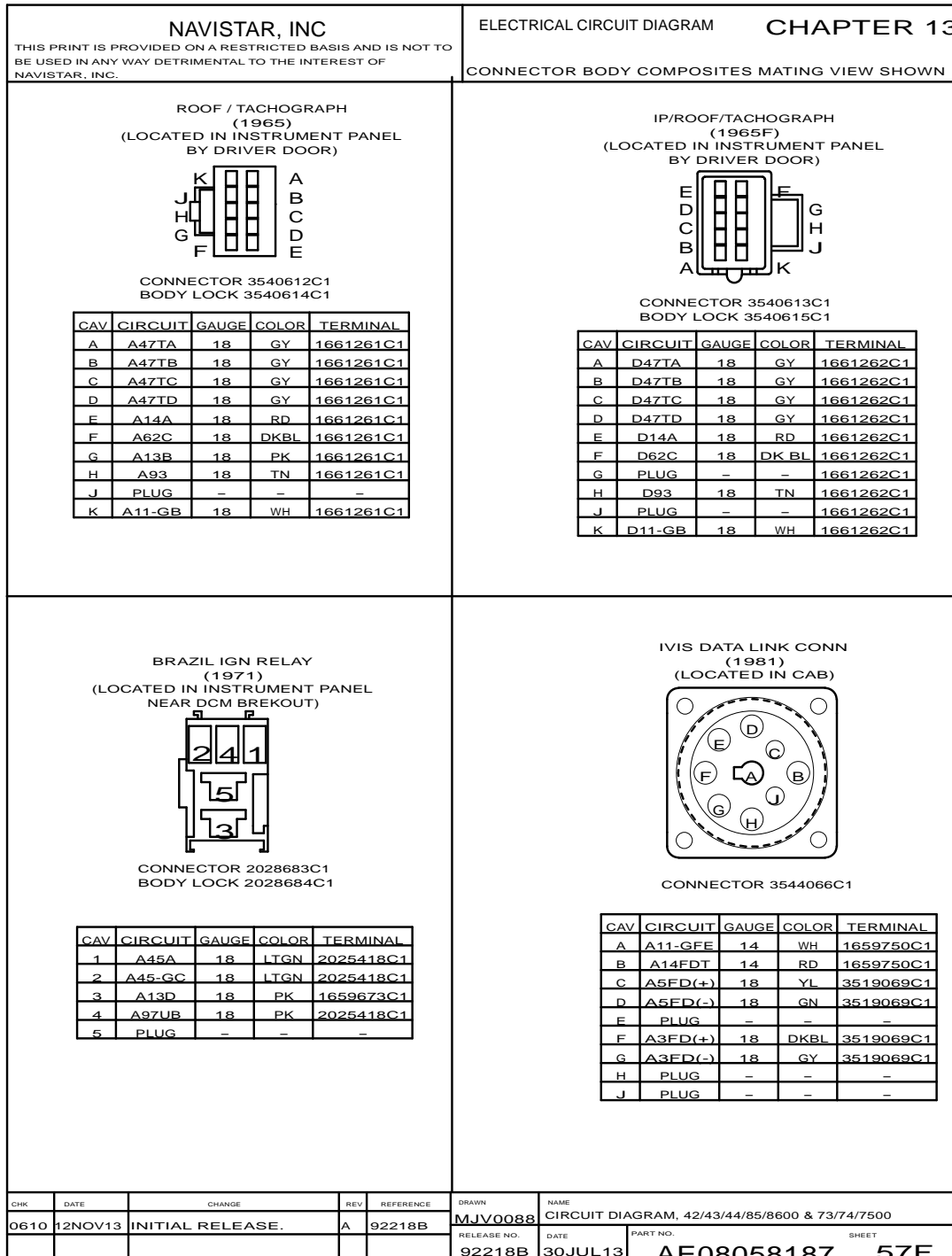


Figure 798 Connector Composites (1965), (1965F), (1971), (1981)

13.125. CONNECTOR COMPOSITES (2000), P. 57G

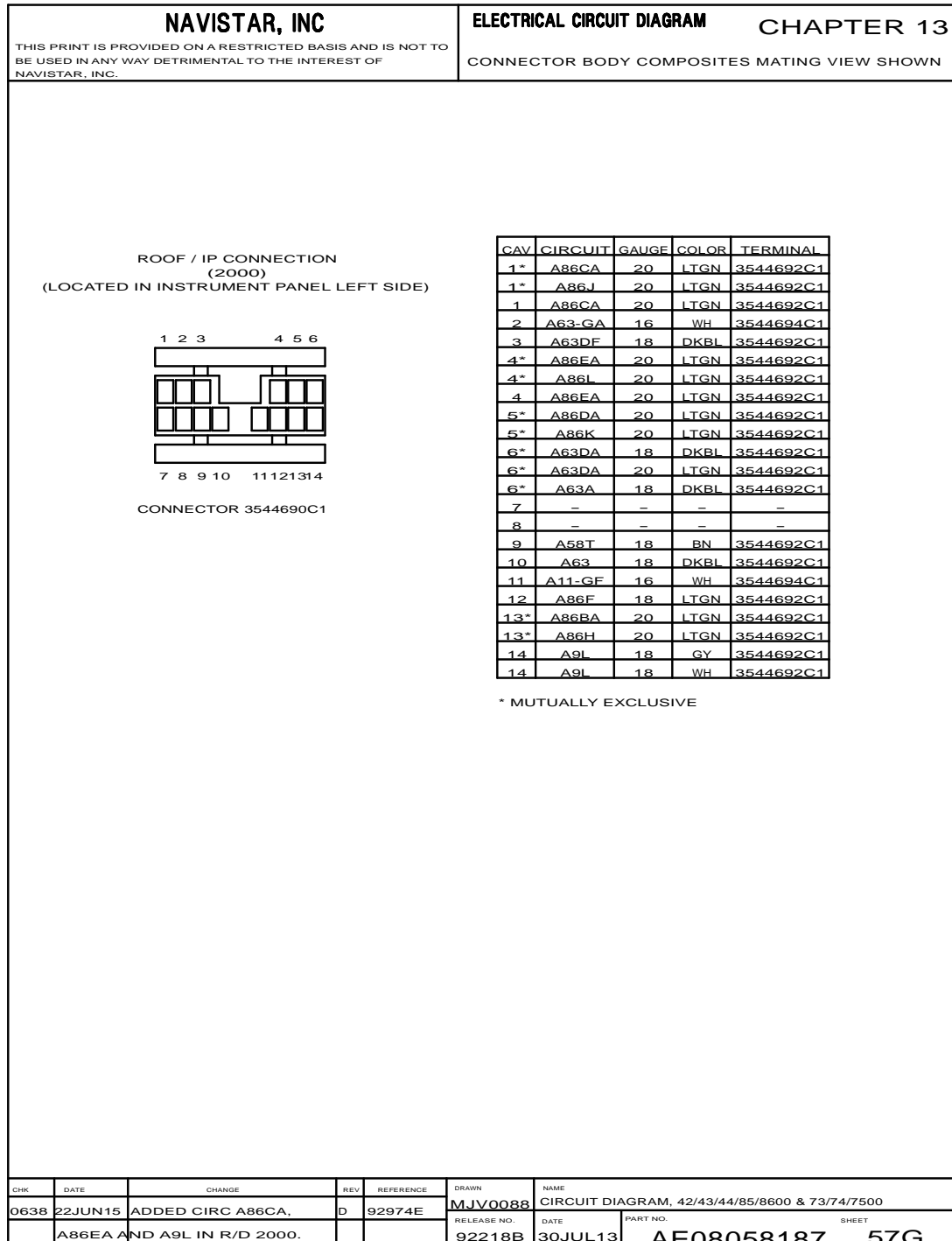


Figure 799 Connector Composites (2000)

13.126. CONNECTOR COMPOSITES (2021), (2200), (2201), (2202), (2203), (2223), P. 58

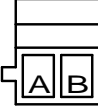





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<p>AUX/IP ROOF (2021) (LOCATED IN INSTRUMENT PANEL LEFT SIDE)</p>  <p>CONNECTOR 3554817C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A*</td> <td>A58C</td> <td>18</td> <td>BN</td> <td>3534164C1</td> </tr> <tr> <td>A#</td> <td>A12U</td> <td>16</td> <td>LTBL</td> <td>3534165C1</td> </tr> <tr> <td>B#</td> <td>A12-GB</td> <td>16</td> <td>WH</td> <td>3534165C1</td> </tr> <tr> <td>B*</td> <td>A58-GBM</td> <td>18</td> <td>WH</td> <td>3534164C1</td> </tr> </tbody> </table> <p>* TAIL LIGHT W/AIR SHIELD # TAIL LIGHT W/ROOF AUXILIARY LOAD</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A*	A58C	18	BN	3534164C1	A#	A12U	16	LTBL	3534165C1	B#	A12-GB	16	WH	3534165C1	B*	A58-GBM	18	WH	3534164C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																												
A*	A58C	18	BN	3534164C1																												
A#	A12U	16	LTBL	3534165C1																												
B#	A12-GB	16	WH	3534165C1																												
B*	A58-GBM	18	WH	3534164C1																												
<p>CUSTOMER SUPPLIED WORK LIGHT (2200) (LOCATED IN CAB)</p>  <p>CONNECTOR 1661259C1 BODY LOCK 1661263C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A65AD</td> <td>18</td> <td>OR</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A65-GC</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A65AD	18	OR	1661261C1	B	A65-GC	18	WH	1661261C1										
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A	A65AD	18	OR	1661261C1																												
B	A65-GC	18	WH	1661261C1																												
<p>CUSTOMER SUPPLIED WORK LIGHT (2201) (LOCATED IN CAB)</p>  <p>CONNECTOR 1661259C1 BODY LOCK 1661263C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A65-GD</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A65AE</td> <td>18</td> <td>OR</td> <td>1661261C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A65-GD	18	WH	1661261C1	B	A65AE	18	OR	1661261C1										
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A	A65-GD	18	WH	1661261C1																												
B	A65AE	18	OR	1661261C1																												
<p>CUSTOMER SUPPLIED WORK LIGHT (2202) (LOCATED IN CAB)</p>  <p>CONNECTOR 1661259C1 BODY LOCK 1661263C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A65AD</td> <td>18</td> <td>OR</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A65-GC</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A65AD	18	OR	1661261C1	B	A65-GC	18	WH	1661261C1										
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<p>CUSTOMER SUPPLIED WORK LIGHT (2203) (LOCATED IN CAB)</p>  <p>CONNECTOR 1661259C1 BODY LOCK 1661263C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A65-GD</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A65AE</td> <td>18</td> <td>OR</td> <td>1661261C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A65-GD	18	WH	1661261C1	B	A65AE	18	OR	1661261C1										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																												
A	A65-GD	18	WH	1661261C1																												
B	A65AE	18	OR	1661261C1																												
<p>RAND MCNALLY GPS DISPLAY (LOCATED IN INSTRUMENT PANEL-CENTER) (2223)</p>  <p>CONNECTOR 1669972C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A12A</td> <td>18</td> <td>LTBL</td> <td>1661208C1</td> </tr> <tr> <td>B</td> <td>A10AE</td> <td>18</td> <td>WH</td> <td>1661208C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A12A	18	LTBL	1661208C1	B	A10AE	18	WH	1661208C1										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																												
A	A12A	18	LTBL	1661208C1																												
B	A10AE	18	WH	1661208C1																												
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																										
0488	25JUN14	ADDED R/D 2021.	H	92603H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																										
				RELEASE NO.	DATE	PART NO.	SHEET																									
				61229V	09JUN09	AE08058187	058																									

Figure 800 Connector Composites (2021), (2200), (2201), (2202), (2203), (2223)

13.127. CONNECTOR COMPOSITES (2224), (2225), (2501), (2502), P. 58A

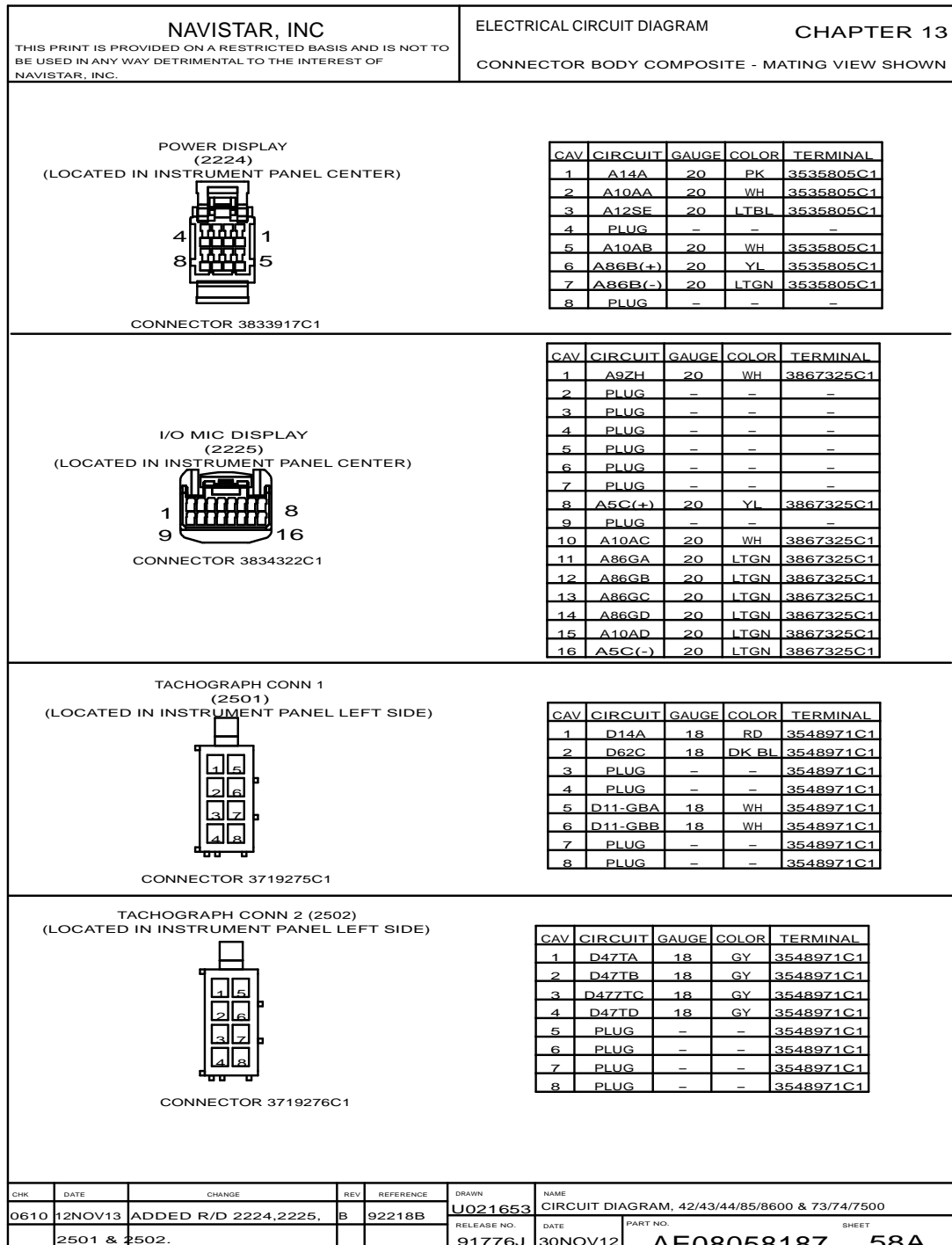


Figure 801 Connector Composites (2224), (2225), (2501), (2502)

13.128. CONNECTOR COMPOSITES (2503), (2505), (2600), (2701), (2702), P. 58B

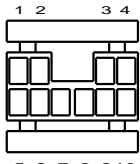
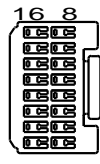
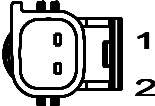


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Figure 802 Connector Composites (2503), (2505), (2600), (2701), (2702)

13.129. CONNECTOR COMPOSITES (3000), (3001), (3002M), (3003), (3004), P. 59

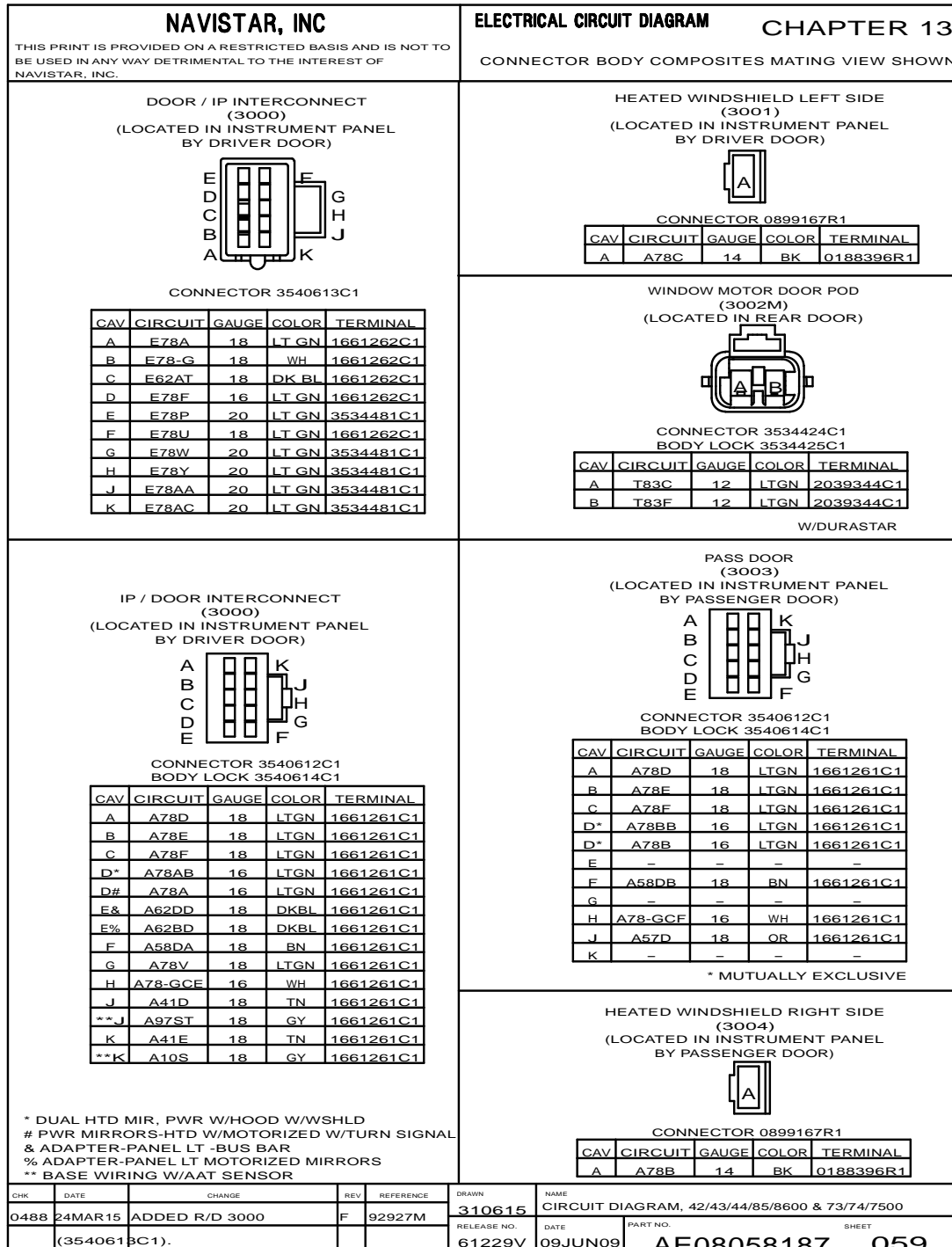


Figure 803 Connector Composites (3000), (3001), (3002M), (3003), (3004)

13.130. CONNECTOR COMPOSITES (3005), (3100M), (3200), (3200F), P. 59A


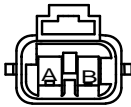
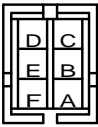
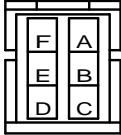

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-	-	ADDED R/D 3100M,3200F	B	92372W	MJV0088	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																									
		RMVD R/D 3204,3205M & 3206.			92218B	30JUL13	PART NO. AE08058187 SHEET 59A																																								

Figure 804 Connector Composites (3005), (3100M), (3200), (3200F)

13.131. CONNECTOR COMPOSITES (3201F), (3201M), (3202M), (3203M), (3204), P. 59B

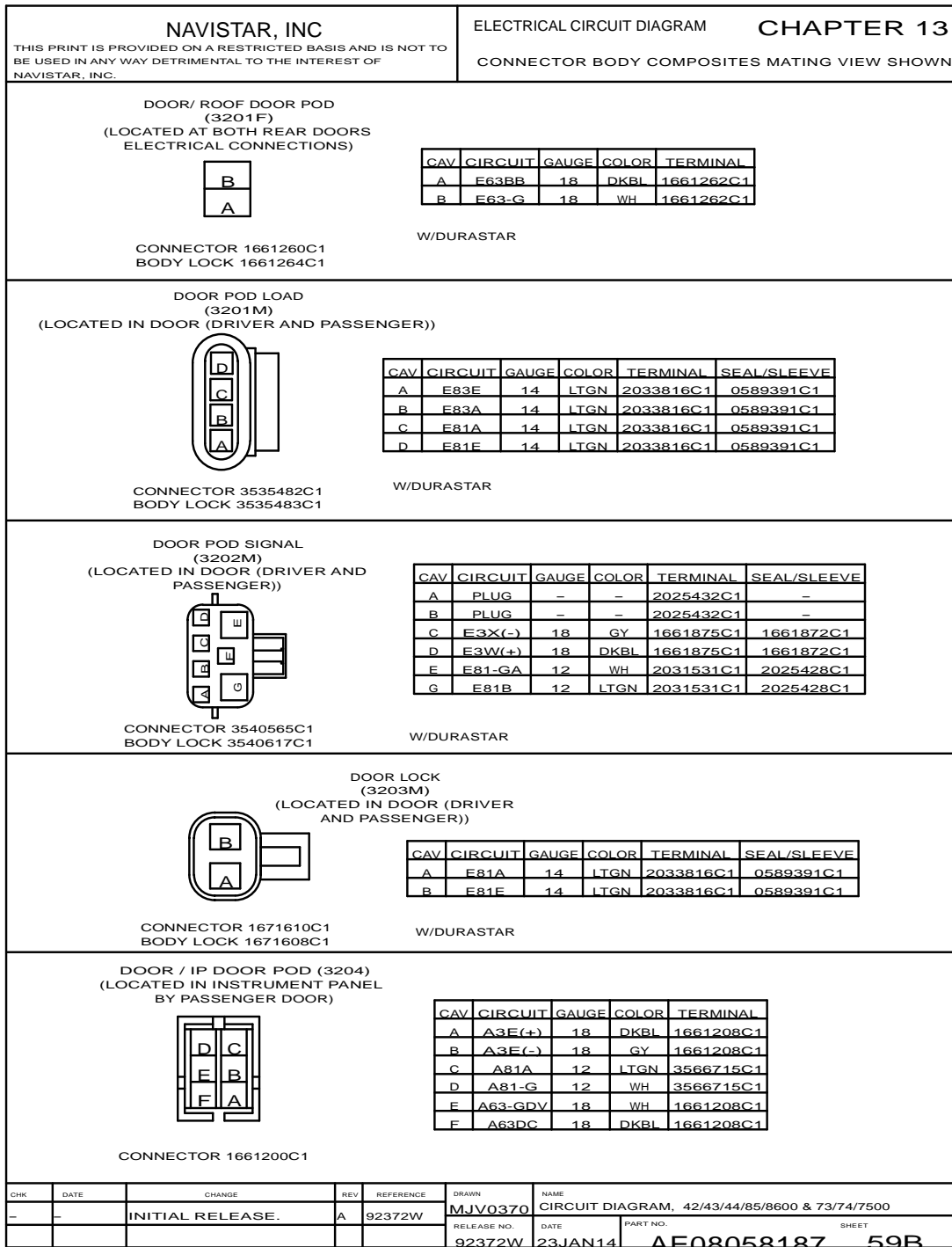


Figure 805 Connector Composites (3201F), (3201M), (3202M), (3203M), (3204)

13.132. CONNECTOR COMPOSITES (3205), (3205M), (3206), (3208F), (3209M), (3210M), P. 59C


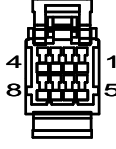

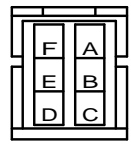
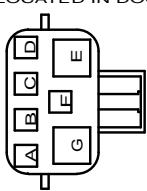
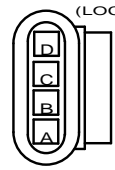
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																				
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<p style="text-align: center;">DOOR POD LOAD (3210M) (LOCATED IN DOOR)</p>  <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>T83F</td> <td>12</td> <td>LTGN</td> <td>2033816C1</td> <td>0589390C1</td> </tr> <tr> <td>B</td> <td>T83C</td> <td>12</td> <td>LTGN</td> <td>2033816C1</td> <td>0589390C1</td> </tr> <tr> <td>C</td> <td>T81C</td> <td>12</td> <td>LTGN</td> <td>2033816C1</td> <td>0589390C1</td> </tr> <tr> <td>D</td> <td>T81F</td> <td>12</td> <td>LTGN</td> <td>2033816C1</td> <td>0589390C1</td> </tr> </tbody> </table> <p>CONNECTOR 3535482C1 BODY LOCK 3535483C1</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	T83F	12	LTGN	2033816C1	0589390C1	B	T83C	12	LTGN	2033816C1	0589390C1	C	T81C	12	LTGN	2033816C1	0589390C1	D	T81F	12	LTGN	2033816C1	0589390C1	<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>0488</td> <td>24MAR15</td> <td>ADDED R/D 3205.</td> <td>B</td> <td>92927M</td> <td>MJV0370</td> <td>CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>RELEASE NO. 92372W</td> <td>DATE 23JAN14 PART NO. AE08058187 SHEET 59C</td> </tr> </tbody> </table>				CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	0488	24MAR15	ADDED R/D 3205.	B	92927M	MJV0370	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500						RELEASE NO. 92372W	DATE 23JAN14 PART NO. AE08058187 SHEET 59C																																
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Figure 806 Connector Composites (3205), (3205M), (3206), (3208F), (3209M), (3210M)

13.133. CONNECTOR COMPOSITES (3211M), (3400), (4004), (4005), (4021), (4021A), (4021B), P. 60

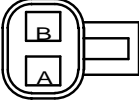






NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																															
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																	
DOOR LOCK DOOR POD (3211M) (LOCATED IN DOOR) 				<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>T81C</td> <td>12</td> <td>LTGN</td> <td>2033816C1</td> <td>0589390C1</td> </tr> <tr> <td>B</td> <td>T81F</td> <td>12</td> <td>LTGN</td> <td>2033816C1</td> <td>0589390C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	T81C	12	LTGN	2033816C1	0589390C1	B	T81F	12	LTGN	2033816C1	0589390C1												
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A	T81C	12	LTGN	2033816C1	0589390C1																																
B	T81F	12	LTGN	2033816C1	0589390C1																																
CONNECTOR 1671610C1 BODY LOCK 1671608C1				W/ DURASTAR																																	
				COURTESY LIGHT (3400) (LOCATED IN DOOR(DRIVER AND PASSENGER))																																	
CONNECTOR 1661259C1 BODY LOCK 1661263C1				<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>E63BB</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> <td></td> </tr> <tr> <td>B</td> <td>E63-G</td> <td>18</td> <td>WH</td> <td>1661261C1</td> <td></td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	E63BB	18	DKBL	1661261C1		B	E63-G	18	WH	1661261C1													
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																
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B	E63-G	18	WH	1661261C1																																	
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MAXI FUSE HOLDER (4004) (LOCATED IN CAB) 				<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>M14L</td> <td>10</td> <td>RD</td> <td>3515522C1</td> <td>3515525C1</td> </tr> <tr> <td>A*</td> <td>M14WB</td> <td>12</td> <td>RD</td> <td>3614762C1</td> <td>3541256C1</td> </tr> <tr> <td>B*</td> <td>M103C</td> <td>12</td> <td>LTGN</td> <td>3614762C1</td> <td>3541256C1</td> </tr> <tr> <td>B*</td> <td>M14WB</td> <td>12</td> <td>RD</td> <td>3614762C1</td> <td>3541256C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	M14L	10	RD	3515522C1	3515525C1	A*	M14WB	12	RD	3614762C1	3541256C1	B*	M103C	12	LTGN	3614762C1	3541256C1	B*	M14WB	12	RD	3614762C1	3541256C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																
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B*	M14WB	12	RD	3614762C1	3541256C1																																
CONNECTOR 3525613C1				* MUTUALLY EXCLUSIVE																																	
TSS POWER FUSE HOLDER (4005) (LOCATED IN CAB) 				<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>M14L</td> <td>10</td> <td>RD</td> <td>3515522C1</td> <td>3515525C1</td> </tr> <tr> <td>B</td> <td>M14T</td> <td>10</td> <td>RD</td> <td>3515522C1</td> <td>3515525C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M14L	10	RD	3515522C1	3515525C1	B	M14T	10	RD	3515522C1	3515525C1												
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CONNECTOR 3525613C1																																					
WASHER PUMP (4021) (LOCATED ON FRONT SIDE OF WASHER BOTTLE ON LEFT FRAME RAIL) 				<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>M87KA</td> <td>16</td> <td>GY</td> <td>3561584C1</td> <td>3536868C1</td> </tr> <tr> <td>2</td> <td>M87BA</td> <td>18</td> <td>GY</td> <td>3561584C1</td> <td>3536868C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	M87KA	16	GY	3561584C1	3536868C1	2	M87BA	18	GY	3561584C1	3536868C1												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																
1	M87KA	16	GY	3561584C1	3536868C1																																
2	M87BA	18	GY	3561584C1	3536868C1																																
CONNECTOR 3536864C1																																					
WASHER PUMP (4300 4X2)/ WASHER BOTTLE PUMP, RIGHT SIDE (4021A) (LOCATED ON FRONT SIDE OF WASHER BOTTLE ON LEFT FRAME RAIL) 				<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>M87KA</td> <td>16</td> <td>GY</td> <td>3561584C1</td> <td>3536868C1</td> </tr> <tr> <td>1*</td> <td>M87KA</td> <td>16</td> <td>GY</td> <td>3536865C1</td> <td>3536868C1</td> </tr> <tr> <td>2#</td> <td>M87BA</td> <td>18</td> <td>GY</td> <td>3561584C1</td> <td>3536868C1</td> </tr> <tr> <td>2*</td> <td>M87BA</td> <td>18</td> <td>GY</td> <td>3536865C1</td> <td>3536868C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1#	M87KA	16	GY	3561584C1	3536868C1	1*	M87KA	16	GY	3536865C1	3536868C1	2#	M87BA	18	GY	3561584C1	3536868C1	2*	M87BA	18	GY	3536865C1	3536868C1
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1#	M87KA	16	GY	3561584C1	3536868C1																																
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2#	M87BA	18	GY	3561584C1	3536868C1																																
2*	M87BA	18	GY	3536865C1	3536868C1																																
CONNECTOR 3536864C1				* W/ CUMMINS ISB ENGINE AND W/I6 2010 SCR ENGINE # W/ IBB ENGINE																																	
WASHER BOTTLE PUMP, LEFT SIDE/WASHER PUMP (4021B) (LOCATED ON FRONT SIDE OF WASHER BOTTLE ON LEFT FRAME RAIL) 				<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>M87KA</td> <td>16</td> <td>GY</td> <td>3561584C1</td> <td>3536868C1</td> </tr> <tr> <td>2</td> <td>M87BA</td> <td>18</td> <td>GY</td> <td>3561584C1</td> <td>3536868C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	M87KA	16	GY	3561584C1	3536868C1	2	M87BA	18	GY	3561584C1	3536868C1												
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CONNECTOR 3536864C1																																					
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																															
0488	25JUN14	UPDATED R/D NAME	E	92603H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																															
					RELEASE NO.	DATE	PART NO.																														
					61229V	09JUN09	AE08058187 060																														

Figure 807 Connector Composites (3211M), (3400), (4004), (4005), (4021), (4021A), (4021B)

13.134. CONNECTOR COMPOSITES (4022), (4022A), (4022B), (4031), (4032), P. 60A

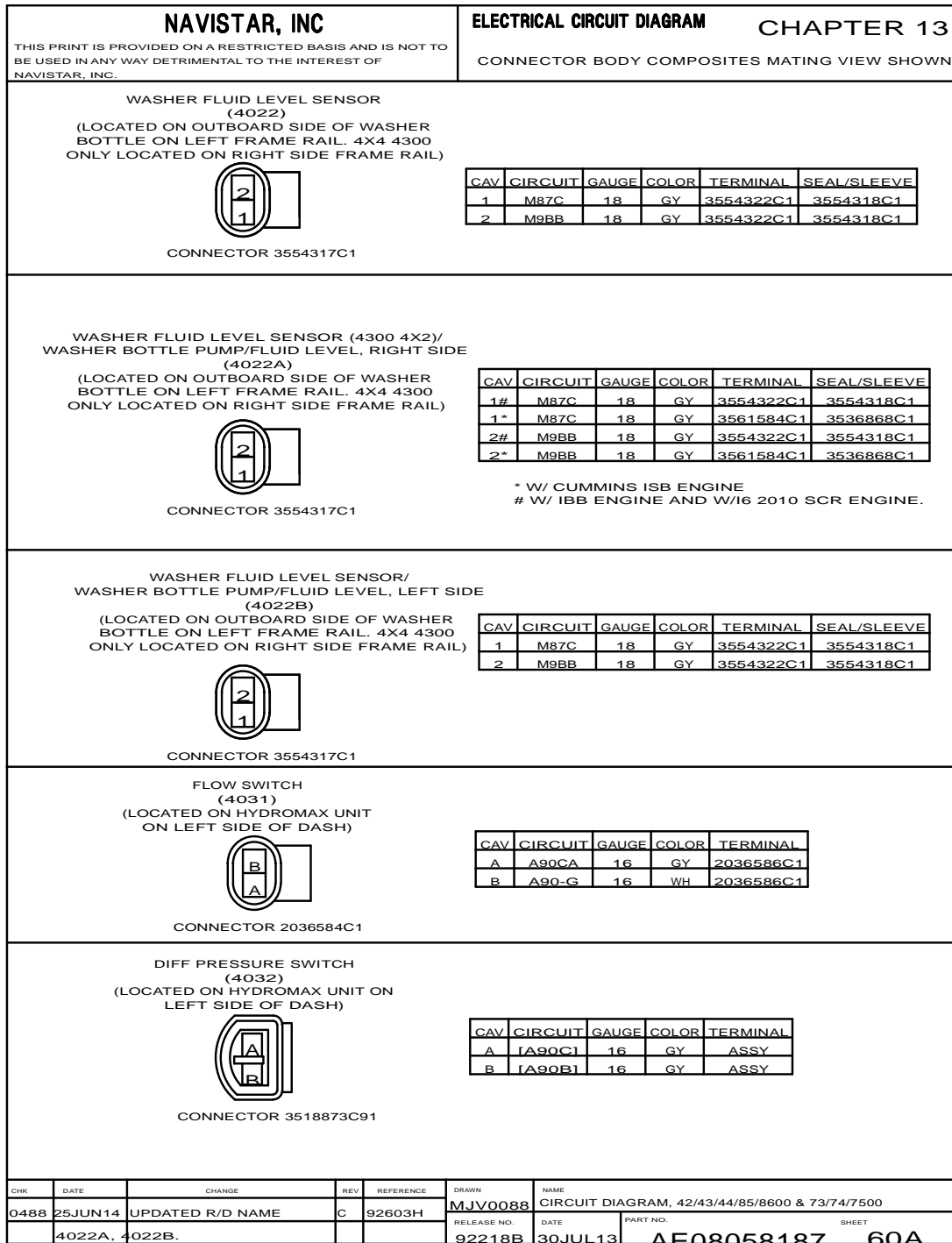


Figure 808 Connector Composites (4022), (4022A), (4022B), (4031), (4032)

13.135. CONNECTOR COMPOSITES (4033), (4037), (4038), P. 60B

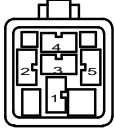


NAVISTAR, INC <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																															
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 45%;"> <p style="text-align: center;"> BOOST PUMP RELAY (4033) (LOCATED ON HYDROMAX UNIT ON LEFT SIDE OF DASH) </p>  <p style="text-align: center;">CONNECTOR 1661747C91</p> </div> <div style="width: 50%;"> <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>A14</td> <td>12</td> <td>RD</td> <td>1661708C1</td> </tr> <tr> <td>2</td> <td>A90A</td> <td>16</td> <td>GY</td> <td>3895713C1</td> </tr> <tr> <td>3</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>4</td> <td>A90F</td> <td>12</td> <td>GY</td> <td>1661708C1</td> </tr> <tr> <td>5</td> <td>A90K</td> <td>16</td> <td>GY</td> <td>3895713C1</td> </tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A14	12	RD	1661708C1	2	A90A	16	GY	3895713C1	3	PLUG	-	-	-	4	A90F	12	GY	1661708C1	5	A90K	16	GY	3895713C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																															
1	A14	12	RD	1661708C1																															
2	A90A	16	GY	3895713C1																															
3	PLUG	-	-	-																															
4	A90F	12	GY	1661708C1																															
5	A90K	16	GY	3895713C1																															
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 45%;"> <p style="text-align: center;"> HYD BRAKE LIGHT SWITCH (4037) (LOCATED ON EXTERIOR DASH NEAR DCM) </p>  <p style="text-align: center;">CONNECTOR 3522187C1</p> </div> <div style="width: 50%;"> <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/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M90B</td> <td>18</td> <td>GY</td> <td>3522190C1</td> <td>3522193C1</td> </tr> <tr> <td>2</td> <td>M94BF</td> <td>18</td> <td>GY</td> <td>3522190C1</td> <td>3522193C1</td> </tr> <tr> <td>3</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3522197C1</td> <td>-</td> </tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	M90B	18	GY	3522190C1	3522193C1	2	M94BF	18	GY	3522190C1	3522193C1	3	PLUG	-	-	3522197C1	-						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																														
1	M90B	18	GY	3522190C1	3522193C1																														
2	M94BF	18	GY	3522190C1	3522193C1																														
3	PLUG	-	-	3522197C1	-																														
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 45%;"> <p style="text-align: center;"> HYD BRAKES FLUID LEVEL SENSOR (4038) (LOCATED ON EXTERIOR DASH NEAR DCM) </p>  <p style="text-align: center;">CONNECTOR 2036583C1</p> </div> <div style="width: 50%;"> <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M10-GV</td> <td>16</td> <td>WH</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>M90H</td> <td>16</td> <td>GY</td> <td>2036586C1</td> </tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	M10-GV	16	WH	2036586C1	B	M90H	16	GY	2036586C1															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																															
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																													
0488	24JAN14	INITIAL RELEASE.	A	92372W	MJV0370	CIRCUIT DIAGRAM, 42/42/44/85/8600 & 73/74/7500																													
					RELEASE NO.	DATE																													
					92372W	14DEC13																													
						PART NO.																													
						AE08058187																													
						SHEET																													
						60B																													

Figure 809 Connector Composites (4033), (4037), (4038)

13.136. CONNECTOR COMPOSITES (4040), (4041), (4042A), (4042B), (4042C), (4042D), (4042E / 4042F / 4042G / 4042H / 4042J / 4042K), P. 61

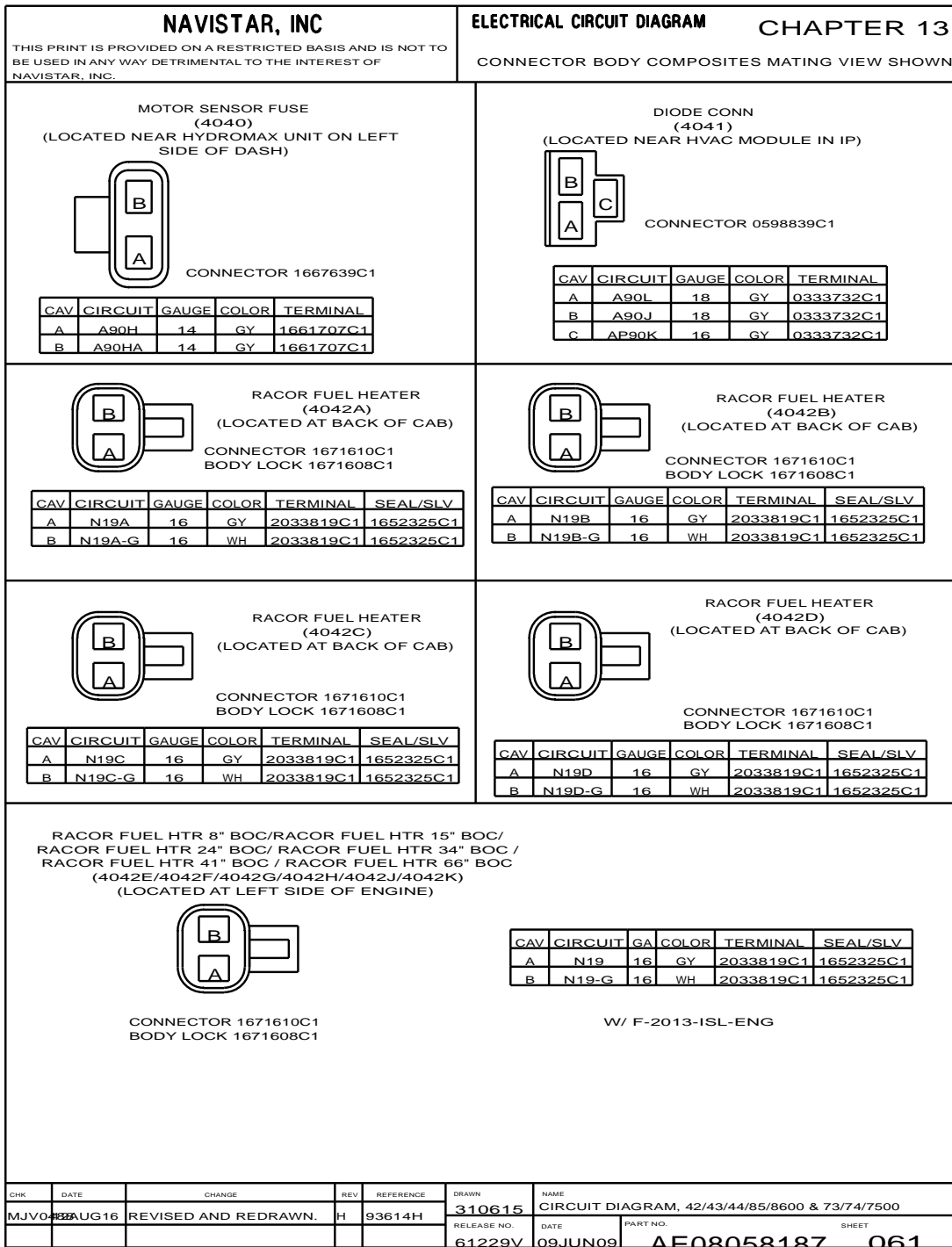


Figure 810 Connector Composites (4040), (4041), (4042A), (4042B), (4042C), (4042D), (4042E / 4042F / 4042G / 4042H / 4042J / 4042K)

13.137. CONNECTOR COMPOSITES (4060), (4060A), P. 61A

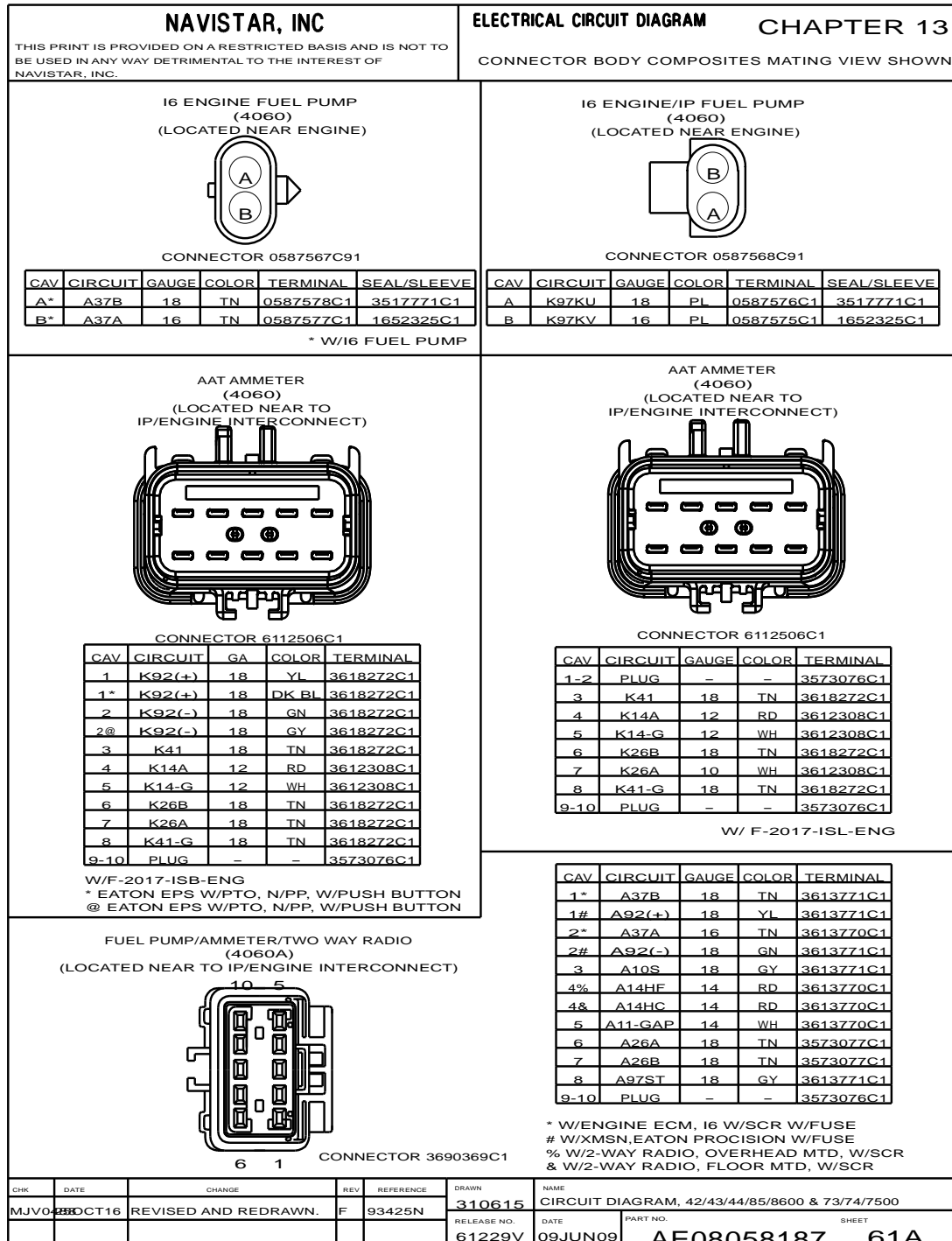


Figure 811 Connector Composites (4060), (4060A)

13.138. CONNECTOR COMPOSITES (4060A), (4061), (4070), (4071), P. 61B

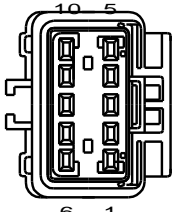
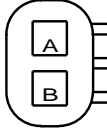
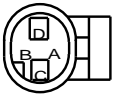
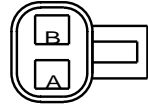
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<p>FUEL PUMP/AMMETER /TWO WAY RADIO (4060A)</p>  <p style="text-align: center;">CONNECTOR 3690369C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>A37B</td><td>18</td><td>TN</td><td>3613771C1</td></tr> <tr><td>1*</td><td>A92(+)</td><td>18</td><td>YL</td><td>3613771C1</td></tr> <tr><td>2</td><td>A37A</td><td>16</td><td>TN</td><td>3613770C1</td></tr> <tr><td>2*</td><td>A92(-)</td><td>18</td><td>GN</td><td>3613771C1</td></tr> <tr><td>3</td><td>A10S</td><td>18</td><td>GY</td><td>3573077C1</td></tr> <tr><td>4</td><td>A14HF</td><td>14</td><td>RD</td><td>3613770C1</td></tr> <tr><td>4</td><td>A14HC</td><td>14</td><td>RD</td><td>3613770C1</td></tr> <tr><td>5</td><td>A11-GAP</td><td>14</td><td>WH</td><td>3613770C1</td></tr> <tr><td>6</td><td>A26A</td><td>18</td><td>TN</td><td>3573077C1</td></tr> <tr><td>7</td><td>A26B</td><td>18</td><td>TN</td><td>3573077C1</td></tr> <tr><td>8</td><td>A97ST</td><td>18</td><td>GY</td><td>3613771C1</td></tr> <tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>3573076C1</td></tr> <tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>3573076C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">* W/ EATON PROCISION XMSN W/FUSE</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A37B	18	TN	3613771C1	1*	A92(+)	18	YL	3613771C1	2	A37A	16	TN	3613770C1	2*	A92(-)	18	GN	3613771C1	3	A10S	18	GY	3573077C1	4	A14HF	14	RD	3613770C1	4	A14HC	14	RD	3613770C1	5	A11-GAP	14	WH	3613770C1	6	A26A	18	TN	3573077C1	7	A26B	18	TN	3573077C1	8	A97ST	18	GY	3613771C1	9	PLUG	-	-	3573076C1	10	PLUG	-	-	3573076C1
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10	PLUG	-	-	3573076C1																																																																													
<p>IP/ENG AMMETER (4061) (LOCATED ON FRONT CENTER DASH PANEL)</p>  <p style="text-align: center;">CONNECTOR 1671611C1 BODY LOCK 1671608C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>A26A</td><td>18</td><td>TN</td><td>2033911C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>A26B</td><td>18</td><td>TN</td><td>2033911C1</td><td>1652325C1</td></tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A26A	18	TN	2033911C1	1652325C1	B	A26B	18	TN	2033911C1	1652325C1																																																				
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B	A26B	18	TN	2033911C1	1652325C1																																																																												
<p>PRESSURE SWITCH (4070) (LOCATED ON EXTERIOR DASH NEAR IP / FORWARD PASS THRU)</p>  <p style="text-align: center;">CONNECTOR 1661777C1 BODY LOCK 1661873C1</p>				<p>DUMP SOLENOID (4071) (LOCATED ON EXTERIOR DASH NEAR IP / FORWARD PASS THRU)</p>  <p style="text-align: center;">CONNECTOR 1671610C1 BODY LOCK 1671608C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>-</td></tr> <tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>-</td></tr> <tr><td>C</td><td>M44J</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>D</td><td>M44K</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	PLUG	-	-	2025431C1	-	B	PLUG	-	-	2025431C1	-	C	M44J	18	GY	1661875C1	1661872C1	D	M44K	18	GY	1661875C1	1661872C1	<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>M44K</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>M44L</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M44K	18	GY	2033819C1	1652325C1	B	M44L	18	GY	2033819C1	1652325C1																		
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																											
MJV0195	16MAR16	ADDED CIRC A92(+) AND A92(-) IN R/D 4060A.	C	93408J	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																											
RELEASE NO.		DATE		PART NO.		SHEET																																																																											
92218B		30JUL13		AE08058187		61B																																																																											

Figure 812 Connector Composites (4060A), (4061), (4070), (4071)

13.139. CONNECTOR COMPOSITES (4087), (4087B), (4111M), (4120), P. 62

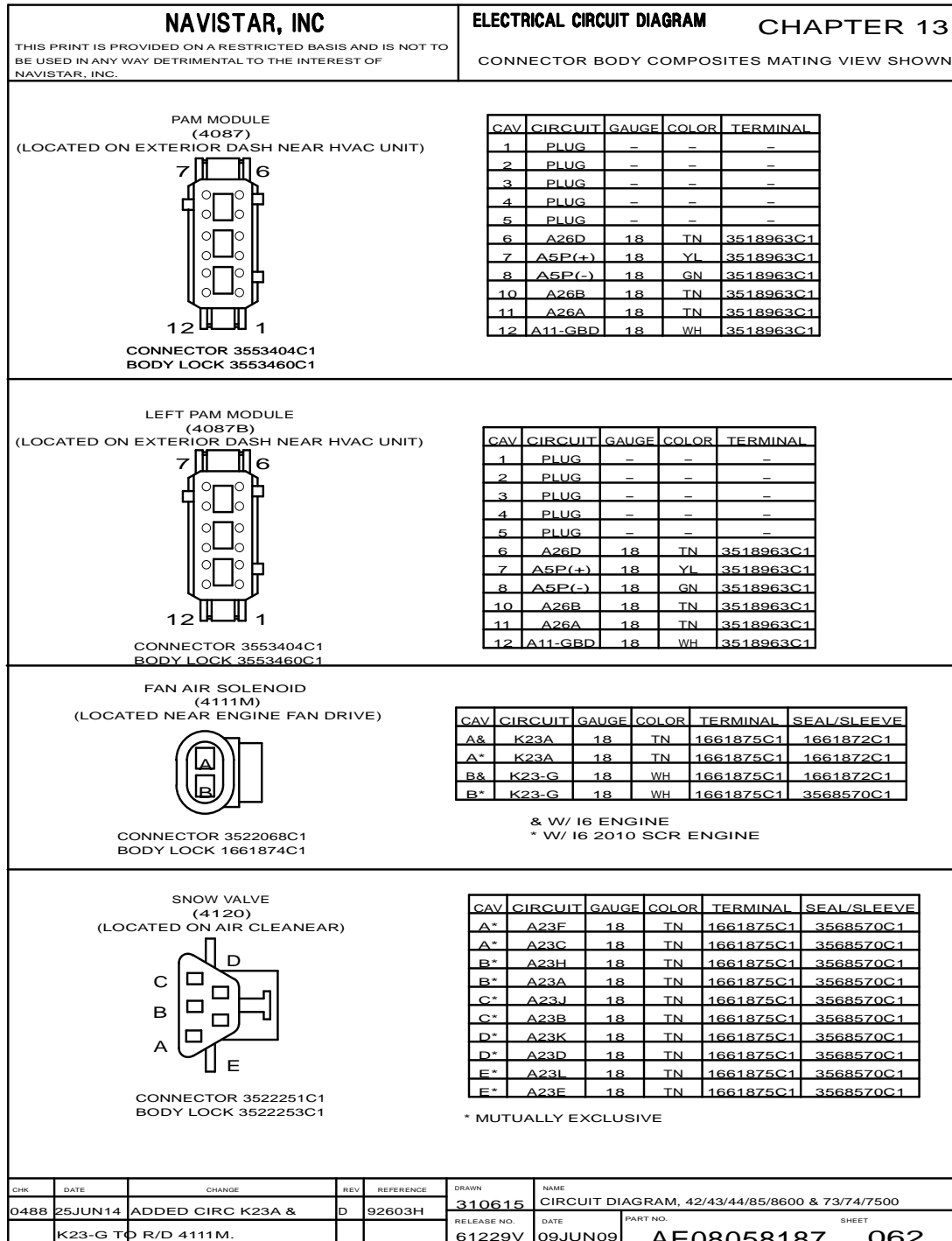


Figure 813 Connector Composites (4087), (4087B), (4111M), (4120)

13.140. CONNECTOR COMPOSITES (4320), (4321), (4322), P. 63

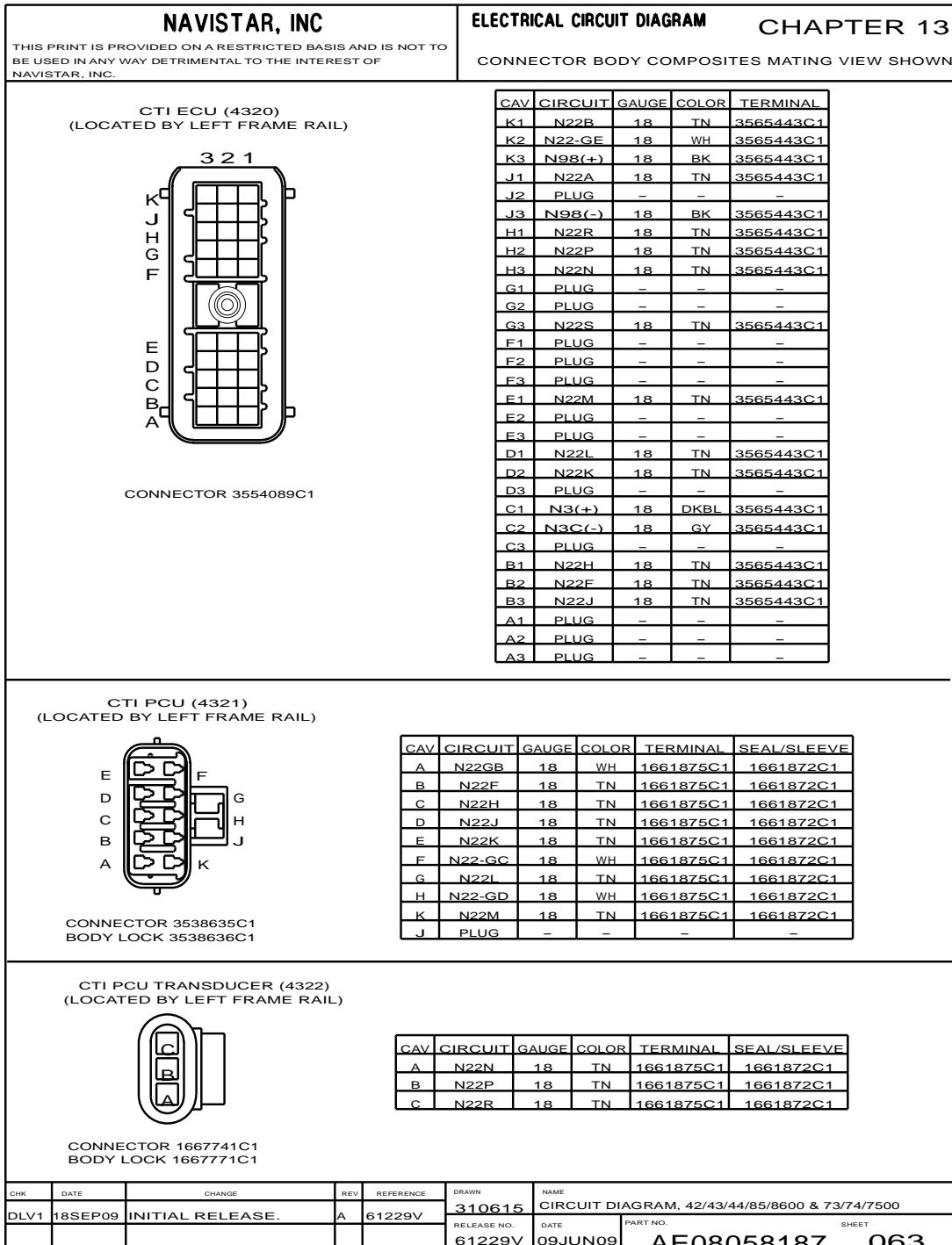


Figure 814 Connector Composites (4320), (4321), (4322)

13.141. CONNECTOR COMPOSITES (4323), (4328), (4410D), (4410E), P. 64

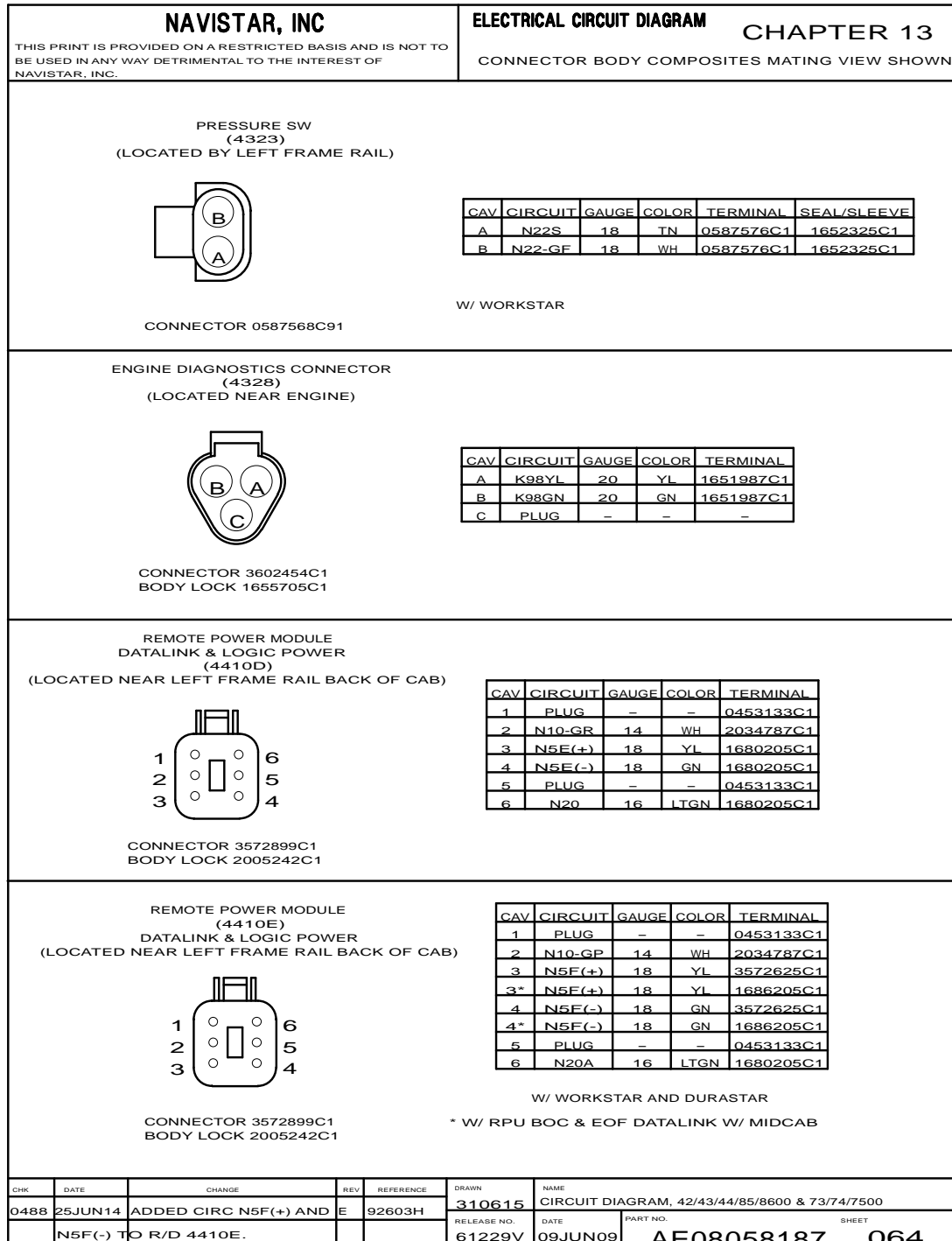


Figure 815 Connector Composites (4323), (4328), (4410D), (4410E)

13.142. CONNECTOR COMPOSITES (4410F), (4410G), (4410H), P. 65

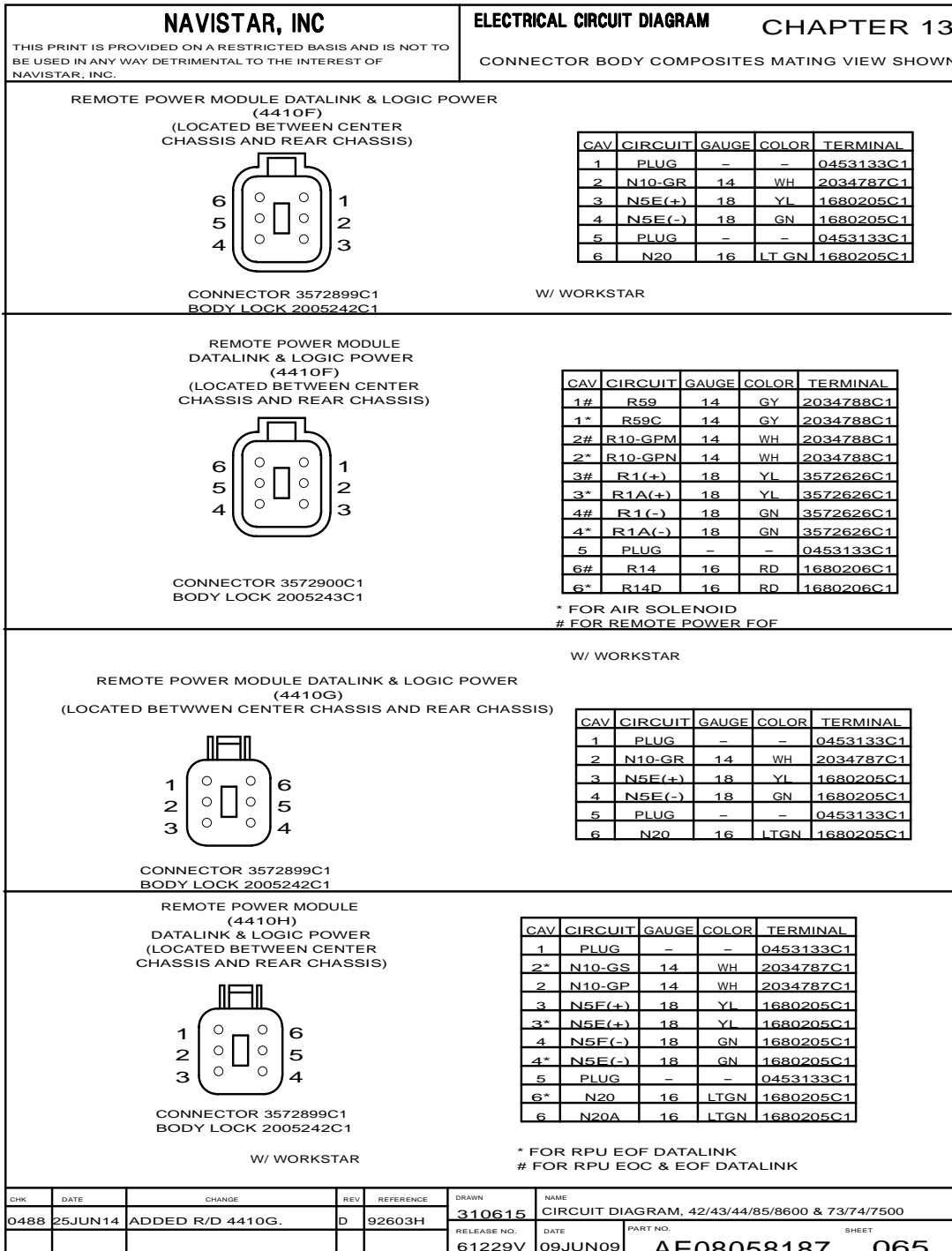


Figure 816 Connector Composites (4410F), (4410G), (4410H)

13.143. CONNECTOR COMPOSITES (4410J), (4410K), (4410L), P. 65A

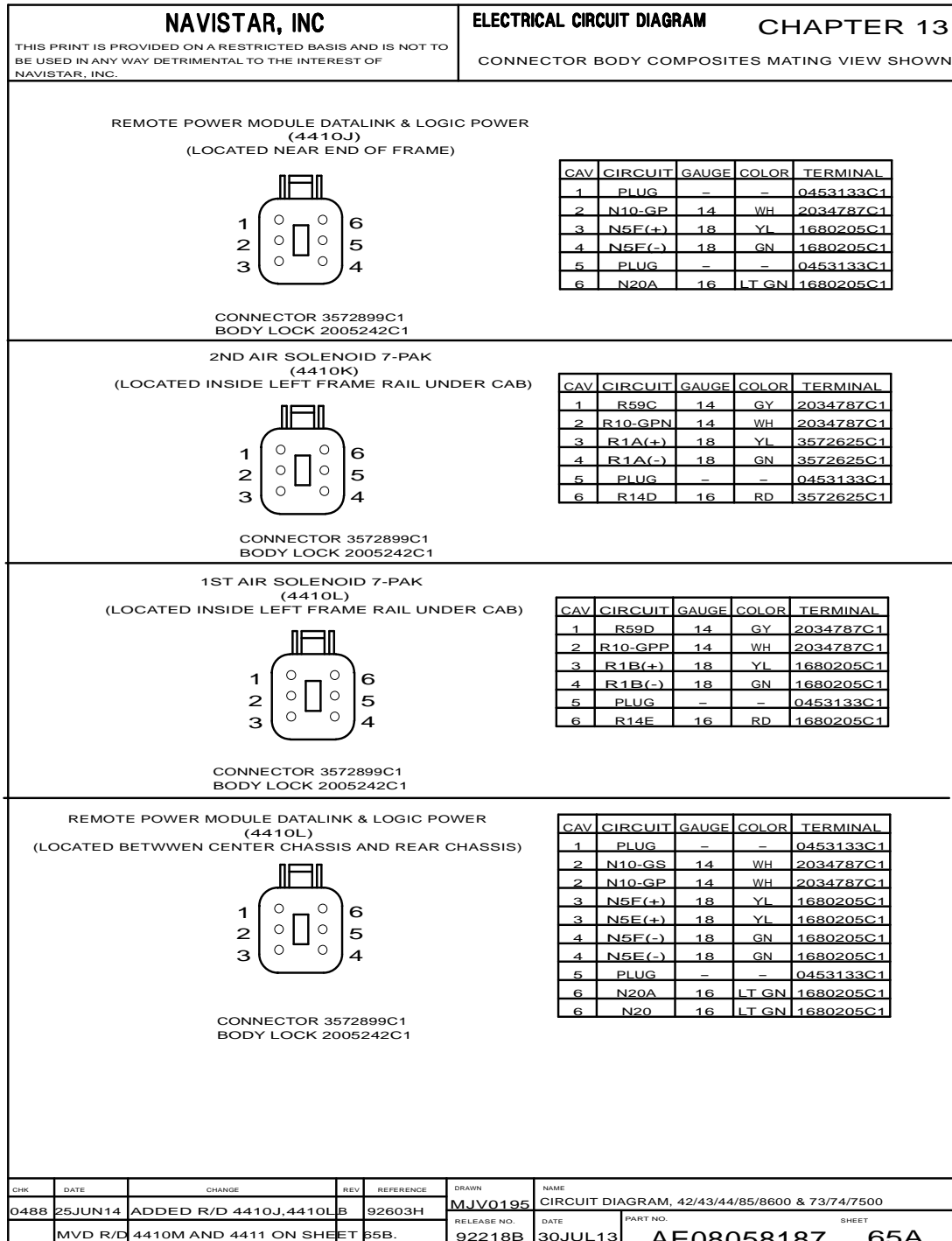


Figure 817 Connector Composites (4410J), (4410K), (4410L)

13.144. CONNECTOR COMPOSITES (4410M), (4411), P. 65B

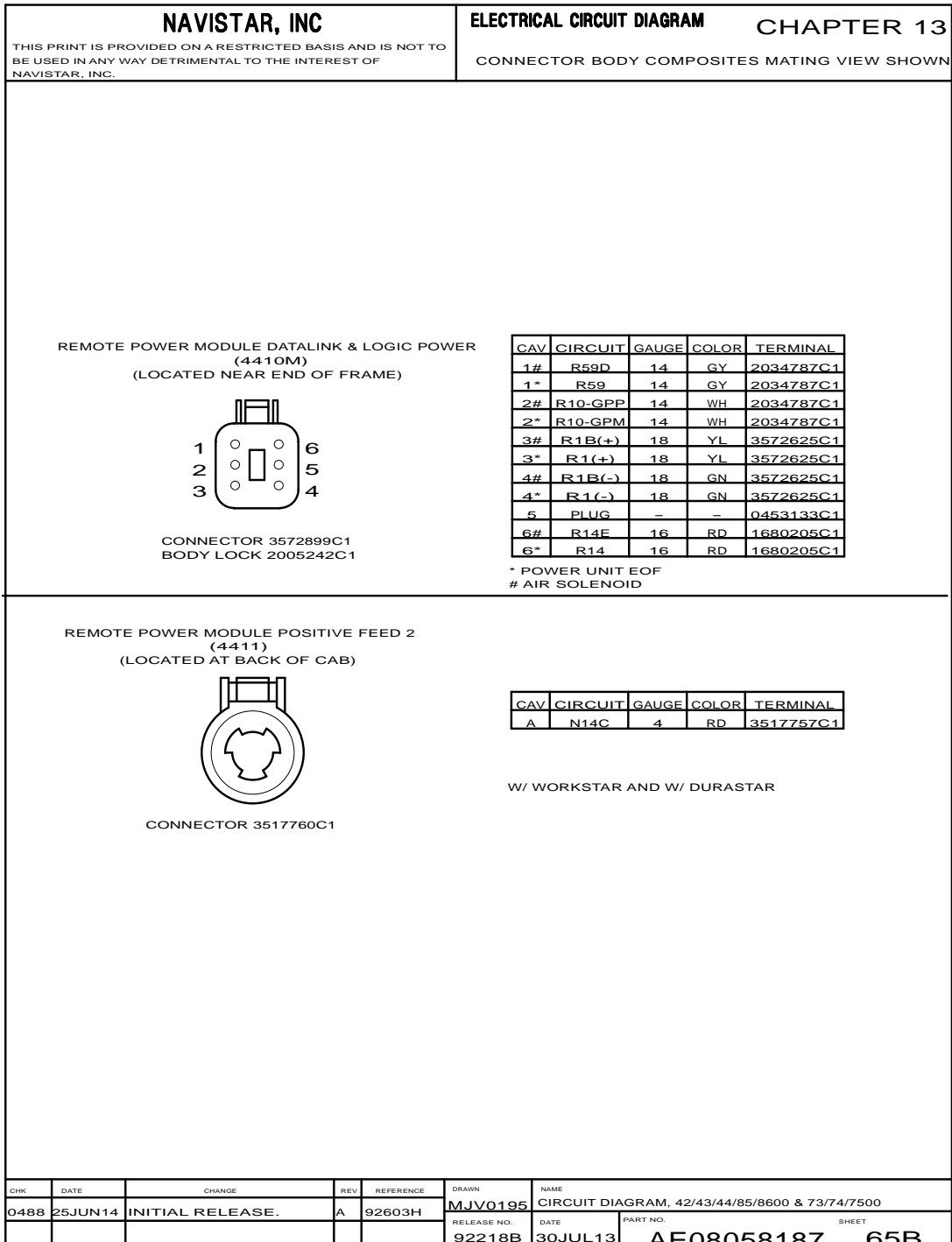


Figure 818 Connector Composites (4410M), (4411)

13.145. CONNECTOR COMPOSITES (4411A1), (4411A2), (4411A3), (4411A4), (4411A5), (4411A6), (4411A7), (4411A8), P. 66




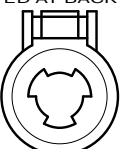
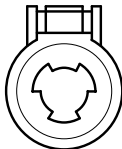
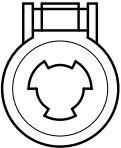
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CONNECTOR 3517760C1					CONNECTOR 3517760C1					CONNECTOR 3517760C1					CONNECTOR 3517760C1				
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	N14H	4	RD	3517757C1	A	N14CY	4	RD	3517757C1	A	N14E	4	RD	3517757C1	A	N14H	4	RD	3517757C1
REMOTE POWER MODULE POSITIVE FEED (4411A5) (LOCATED AT BACK OF CAB)					REMOTE POWER MODULE POSITIVE FEED (4411A6) (LOCATED AT BACK OF CAB)					REMOTE POWER MODULE POSITIVE FEED (4411A7) (LOCATED AT BACK OF CAB)					REMOTE POWER MODULE POSITIVE FEED (4411A8) (LOCATED AT BACK OF CAB)				
																			
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A	N14CZ	4	RD	3517757C1	A	N14E	4	RD	3517757C1	A	N14CX	4	RD	3517757C1	A	N14C	4	RD	3517757C1
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME				RELEASE NO.					DATE				
0488	25JUN14	REVISED AND REDRAWN.	E	92603H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500				61229V					09JUN09				
										PART NO.					SHEET				
										AE08058187					066				

Figure 819 Connector Composites (4411A1), (4411A2), (4411A3), (4411A4), (4411A5), (4411A6), (4411A7), (4411A8)

13.146. CONNECTOR COMPOSITES (4411A9), (4411F), (4411M), (4411M1), (4411M2), P. 66A






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REMOTE POWER MODULE POSITIVE FEED (4411F) (LOCATED AT BACK OF CAB)																															
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1	R14	4	RD	3517758C1																											
CONNECTOR 3517759C1																															
REMOTE POWER MODULE POWER FEED 2 (4411M) (LOCATED AT BACK OF CAB)						REMOTE POWER MODULE POWER FEED 2 (4411M) (LOCATED AT BACK OF CAB)																									
																															
CONNECTOR 3517760C1						CONNECTOR 3517759C1																									
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1	R14	4	RD	3517757C1																											
REMOTE POWER MODULE POSITIVE FEED (4411M1) (LOCATED AT BACK OF CAB)																															
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CONNECTOR 3517760C1						CONNECTOR 3517760C1																									
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					RELEASE NO.	DATE	PART NO.	SHEET																							
					61229V	09JUN09	AE08058187	66A																							

Figure 820 Connector Composites (4411A9), (4411F), (4411M), (4411M1), (4411M2)

13.147. CONNECTOR COMPOSITES (4411M4), (4411M5), (4411M6), (4411M7), (4411N), P. 66B



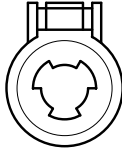
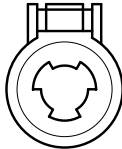

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A	N14CZ	4	RD	3517757C1																	
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																	
A	N14H	4	RD	3517757C1																	
<p>REMOTE POWER MODULE POSITIVE FEED (4411M6) (LOCATED AT BACK OF CAB)</p>  <table border="1" data-bbox="841 982 1219 1031"> <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>N14E</td> <td>4</td> <td>RD</td> <td>3517757C1</td> </tr> </tbody> </table> <p>W/ WORKSTAR</p> <p>CONNECTOR 3517760C1</p>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	N14E	4	RD	3517757C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																	
A	N14E	4	RD	3517757C1																	
<p>RPM POSITIVE FEED (4411M7) (LOCATED AT BACK OF CAB)</p>  <table border="1" data-bbox="849 1234 1227 1283"> <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>N14CX</td> <td>4</td> <td>RD</td> <td>3517757C1</td> </tr> </tbody> </table> <p>W/ WORKSTAR</p> <p>CONNECTOR 3517760C1</p>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	N14CX	4	RD	3517757C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																	
A	N14CX	4	RD	3517757C1																	
<p>REMOTE POWER MODULE POSITIVE FEED (4411N) (LOCATED AT BACK OF CAB)</p>  <table border="1" data-bbox="865 1465 1243 1514"> <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>R14</td> <td>4</td> <td>RD</td> <td>3517758C1</td> </tr> </tbody> </table> <p>CONNECTOR 3517759C1</p>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R14	4	RD	3517758C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																	
1	R14	4	RD	3517758C1																	
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME															
0488	25JUN14	REVISED AND REDRAWN.	B	92603H	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500															
					RELEASE NO.	DATE	PART NO.	SHEET													
					92218B	30JUL13	AE08058187	66B													

Figure 821 Connector Composites (4411M4), (4411M5), (4411M6), (4411M7), (4411N)

13.148. CONNECTOR COMPOSITES (4411P), (4412A1), (4412A2), (4412F), (4413A1), (4413A2), (4413A3), (4413A4), P. 66C

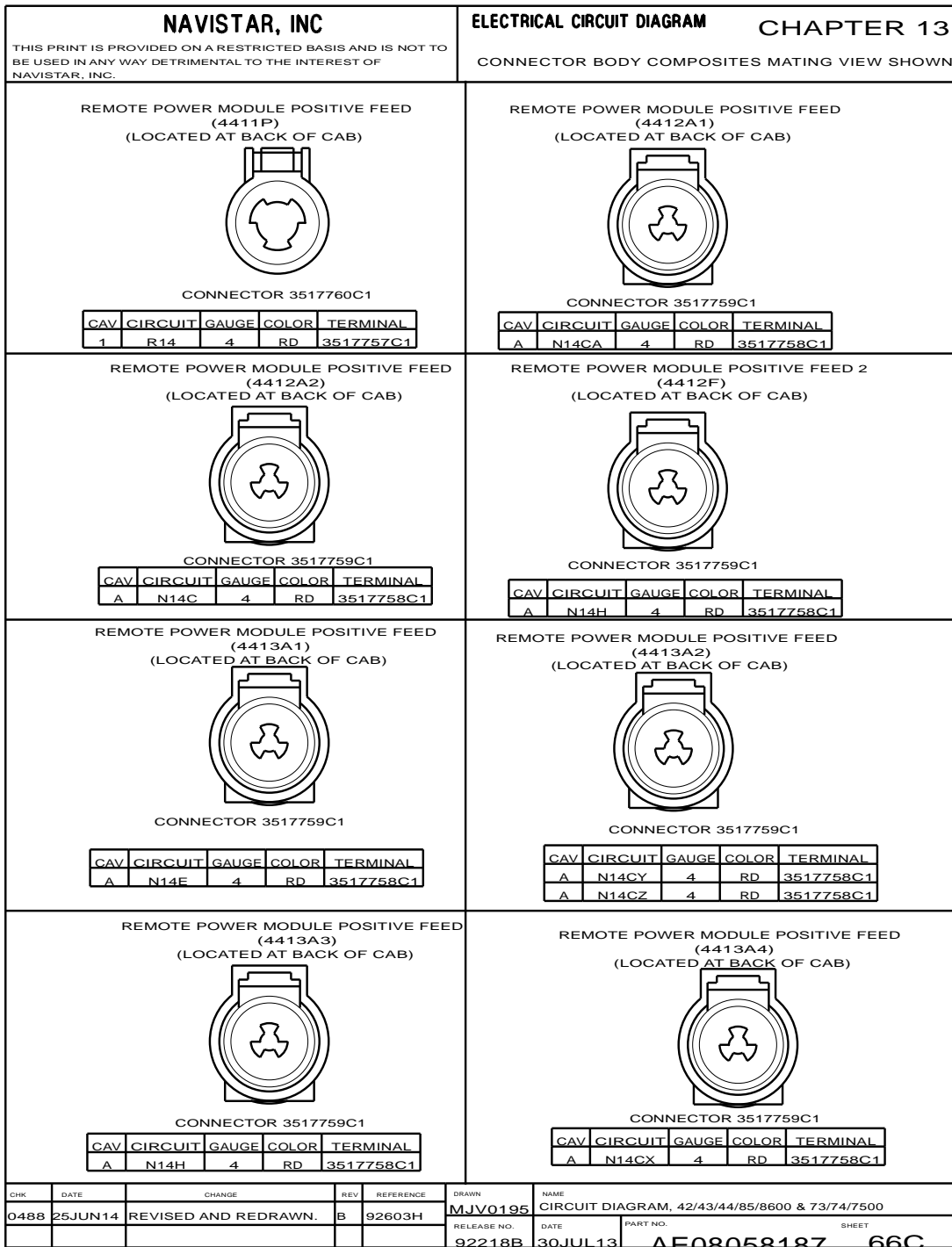


Figure 822 Connector Composites (4411P), (4412A1), (4412A2), (4412F), (4413A1), (4413A2), (4413A3), (4413A4)

13.149. CONNECTOR COMPOSITES (4413F), (4413F1), (4413F2), P. 66D




<p>NAVISTAR, INC</p> <p><small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small></p>	<p>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13</p> <p>CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p>																					
<p>REMOTE POWER MODULE POSITIVE FEED (4413F) (LOCATED AT BACK OF CAB)</p>  <p>CONNECTOR 3517759C1</p>	<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>N14C</td> <td>4</td> <td>RD</td> <td>3517758C1</td> </tr> </tbody> </table> <p># W/ WORKSTAR AND W/ DURASTAR</p>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	N14C	4	RD	3517758C1											
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																		
A	N14C	4	RD	3517758C1																		
<p>REMOTE POWER MODULE POSITIVE FEED (4413F1) (LOCATED AT BACK OF CAB)</p>  <p>CONNECTOR 3517759C1</p>	<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>N14CY</td> <td>4</td> <td>RD</td> <td>3517758C1</td> </tr> <tr> <td>A*</td> <td>N14CZ</td> <td>4</td> <td>RD</td> <td>3517758C1</td> </tr> </tbody> </table> <p># W/ WORKSTAR * W/ DURASTAR</p>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A#	N14CY	4	RD	3517758C1	A*	N14CZ	4	RD	3517758C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																		
A#	N14CY	4	RD	3517758C1																		
A*	N14CZ	4	RD	3517758C1																		
<p>REMOTE POWER MODULE POSITIVE FEED (4413F2) (LOCATED AT BACK OF CAB)</p>  <p>CONNECTOR 3517759C1</p>	<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>N14E</td> <td>4</td> <td>RD</td> <td>3517758C1</td> </tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	N14E	4	RD	3517758C1											
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																		
1	N14E	4	RD	3517758C1																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>0488</td> <td>25JUN14</td> <td>ADDED R/D 4413F,4413F1</td> <td>B</td> <td>92603H</td> <td>MJV0195</td> <td>CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500</td> </tr> <tr> <td></td> <td></td> <td>AND 4413F2.MVD PREVIOUS R/D'S.</td> <td></td> <td></td> <td>RELEASE NO. 92218B</td> <td>DATE 30JUL13</td> </tr> </tbody> </table>		CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	0488	25JUN14	ADDED R/D 4413F,4413F1	B	92603H	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500			AND 4413F2.MVD PREVIOUS R/D'S.			RELEASE NO. 92218B	DATE 30JUL13
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																
0488	25JUN14	ADDED R/D 4413F,4413F1	B	92603H	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																
		AND 4413F2.MVD PREVIOUS R/D'S.			RELEASE NO. 92218B	DATE 30JUL13																
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>RELEASE NO.</th> <th>DATE</th> <th>PART NO.</th> <th>SHEET</th> </tr> </thead> <tbody> <tr> <td>92218B</td> <td>30JUL13</td> <td>AE08058187</td> <td>66D</td> </tr> </tbody> </table>		RELEASE NO.	DATE	PART NO.	SHEET	92218B	30JUL13	AE08058187	66D													
RELEASE NO.	DATE	PART NO.	SHEET																			
92218B	30JUL13	AE08058187	66D																			

Figure 823 Connector Composites (4413F), (4413F1), (4413F2)

13.150. CONNECTOR COMPOSITES (4413F3), (4413F4), (4414), (4450AM), (4450BM), P. 66E

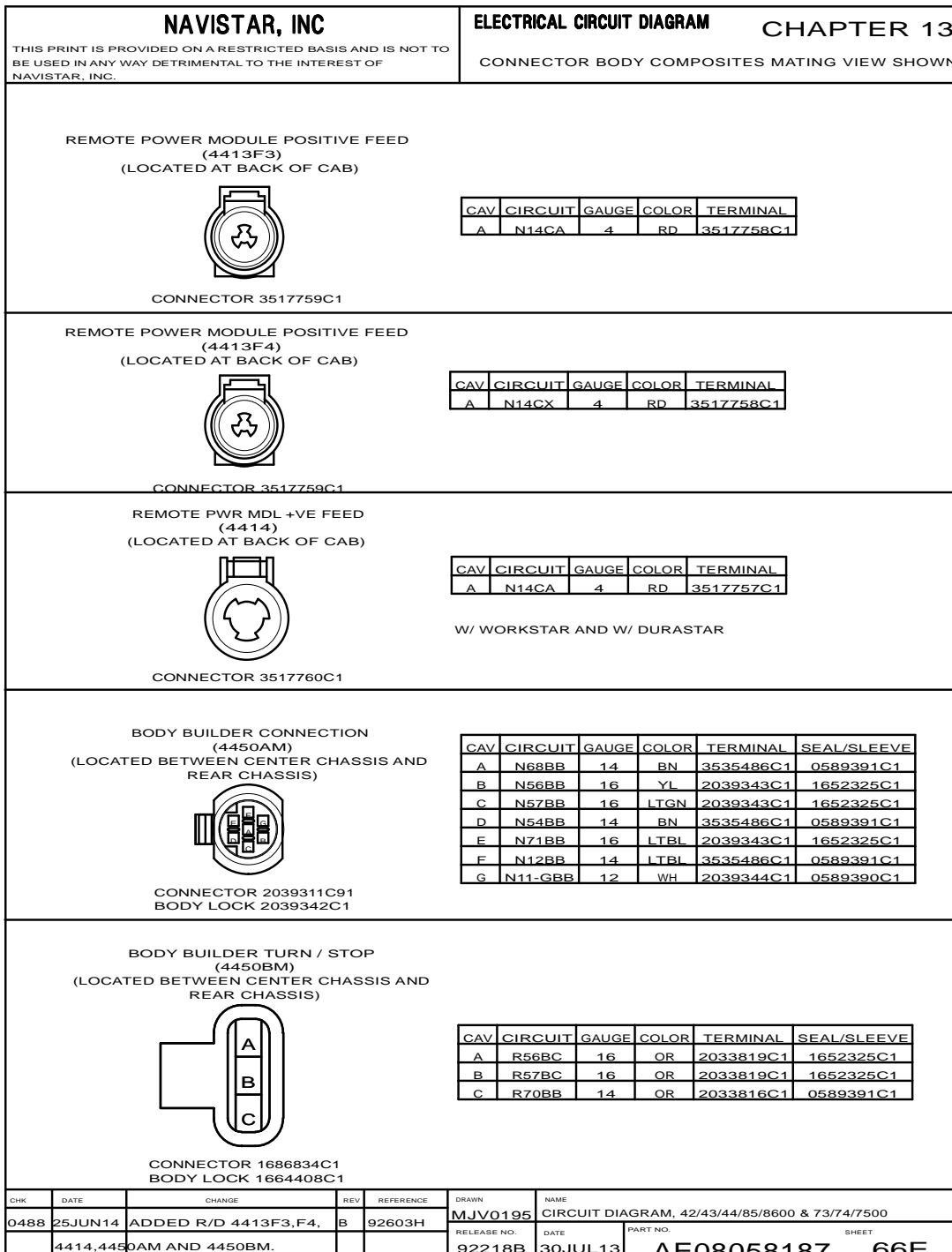


Figure 824 Connector Composites (4413F3), (4413F4), (4414), (4450AM), (4450BM)

13.151. CONNECTOR COMPOSITES (4450BF), (4450M), (4460AM), P. 66F

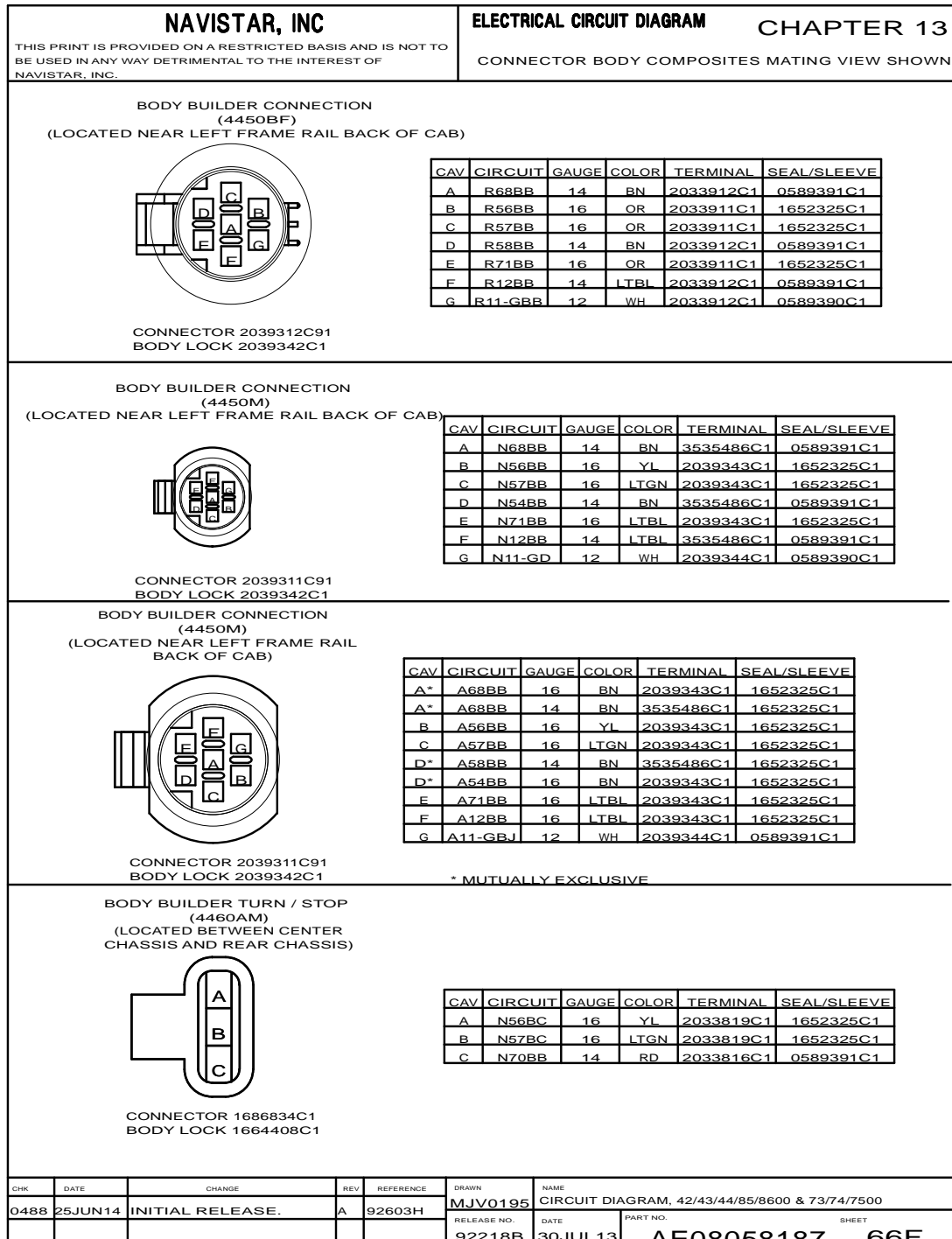
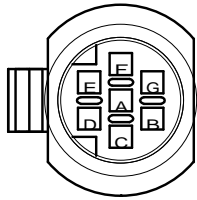


Figure 825 Connector Composites (4450BF), (4450M), (4460AM)

13.152. CONNECTOR COMPOSITES (4460BF), (4460BM), P. 66G

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

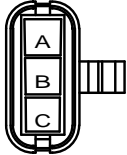
BODY BUILDER CONNECTION
(4460BM)
(LOCATED AT END OF FRAME NEAR REAR AXLES)



CONNECTOR 2039311C91
BODY LOCK 2039342C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R68BB	14	BN	3535486C1	0589391C1
B	R56BB	16	OR	2039343C1	1652325C1
C	R57BB	16	OR	2039343C1	1652325C1
D	R58BB	14	BN	3535486C1	0589391C1
E	R71BB	16	OR	2039343C1	1652325C1
F	R12BB	14	LTBL	3535486C1	0589391C1
G	R11-GBB	12	WH	2039344C1	0589390C1

BODY BUILDER TURN / STOP
(4460BF)
(LOCATED AT MAIN CHASSIS TO REAR CHASSIS INTERCONNECT)



CONNECTOR 3553961C1
BODY LOCK 3554019C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R56BC	16	OR	2033911C1	1652325C1
B	R57BC	16	OR	2033911C1	1652325C1
C	R70BB	14	OR	2033912C1	0589391C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0488	24JUN14	INITIAL RELEASE.	A	92603H	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					92218B	06AUG13
					PART NO.	SHEET
					AE08058187	66G

Figure 826 Connector Composites (4460BF), (4460BM)

13.153. CONNECTOR COMPOSITES (4460M), (4500), (4601), P. 67

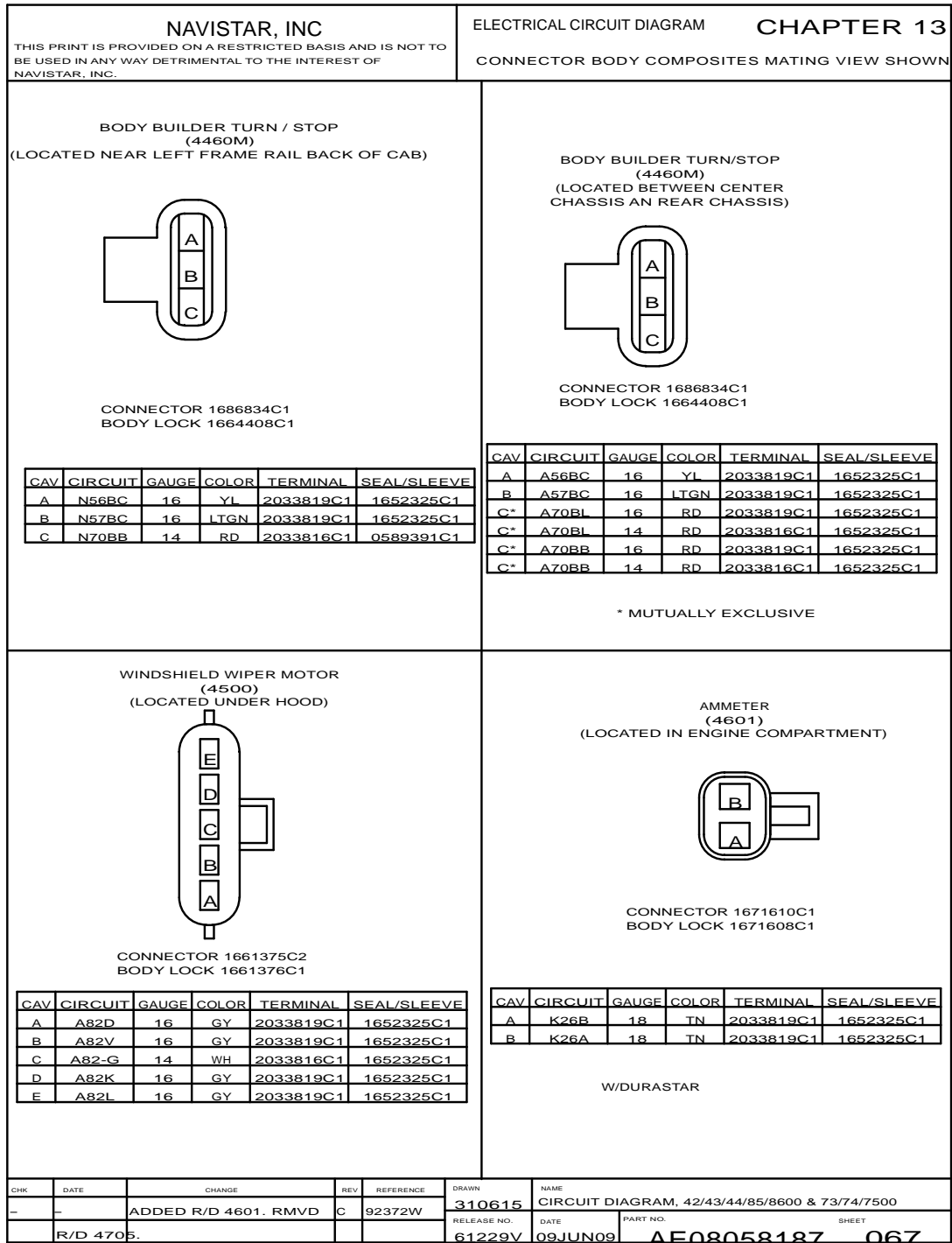


Figure 827 Connector Composites (4460M), (4500), (4601)

13.154. CONNECTOR COMPOSITES (4705), (4706), P. 67A

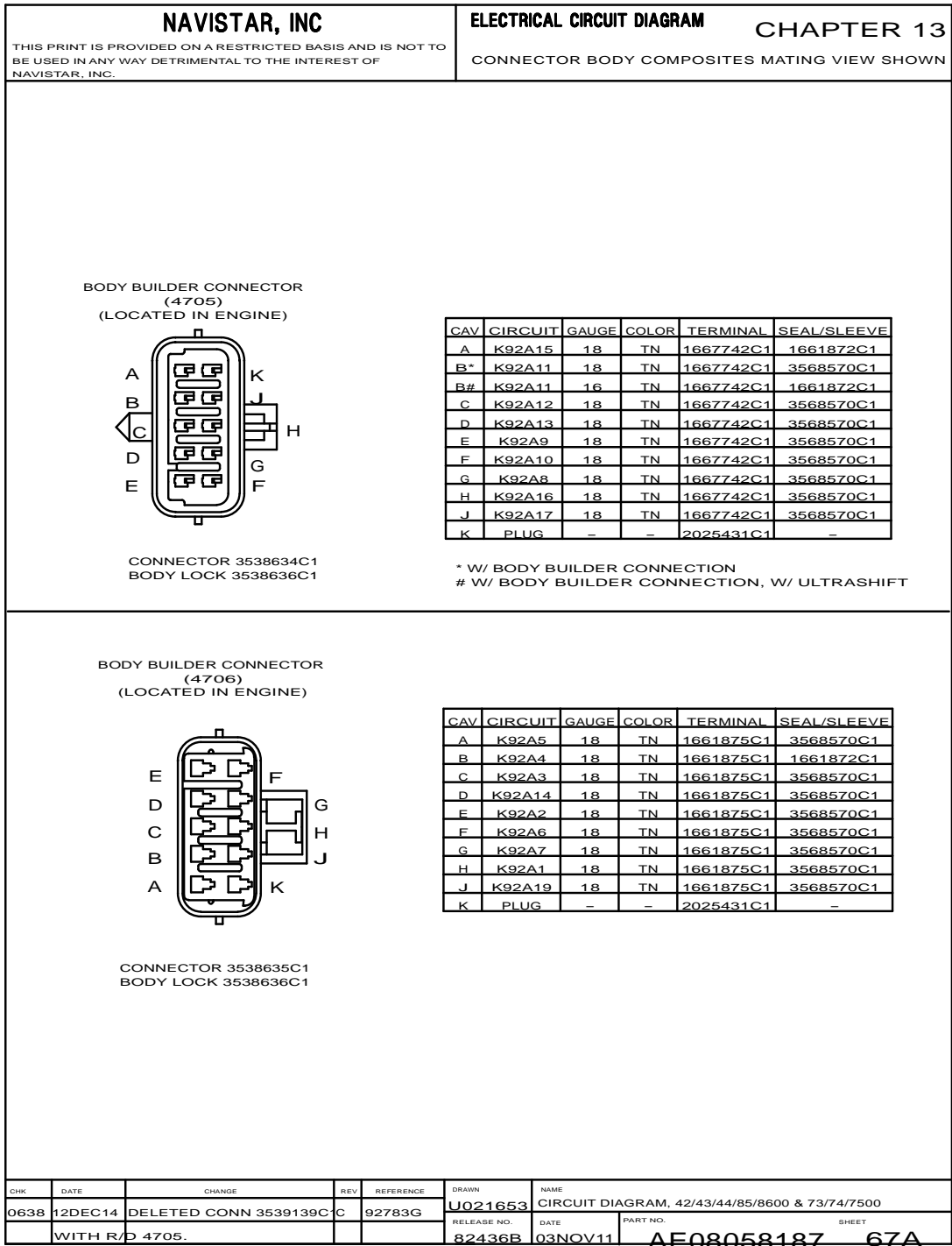


Figure 828 Connector Composites (4705), (4706)

13.155. CONNECTOR COMPOSITES (4712F1), (4712F3), P. 67B

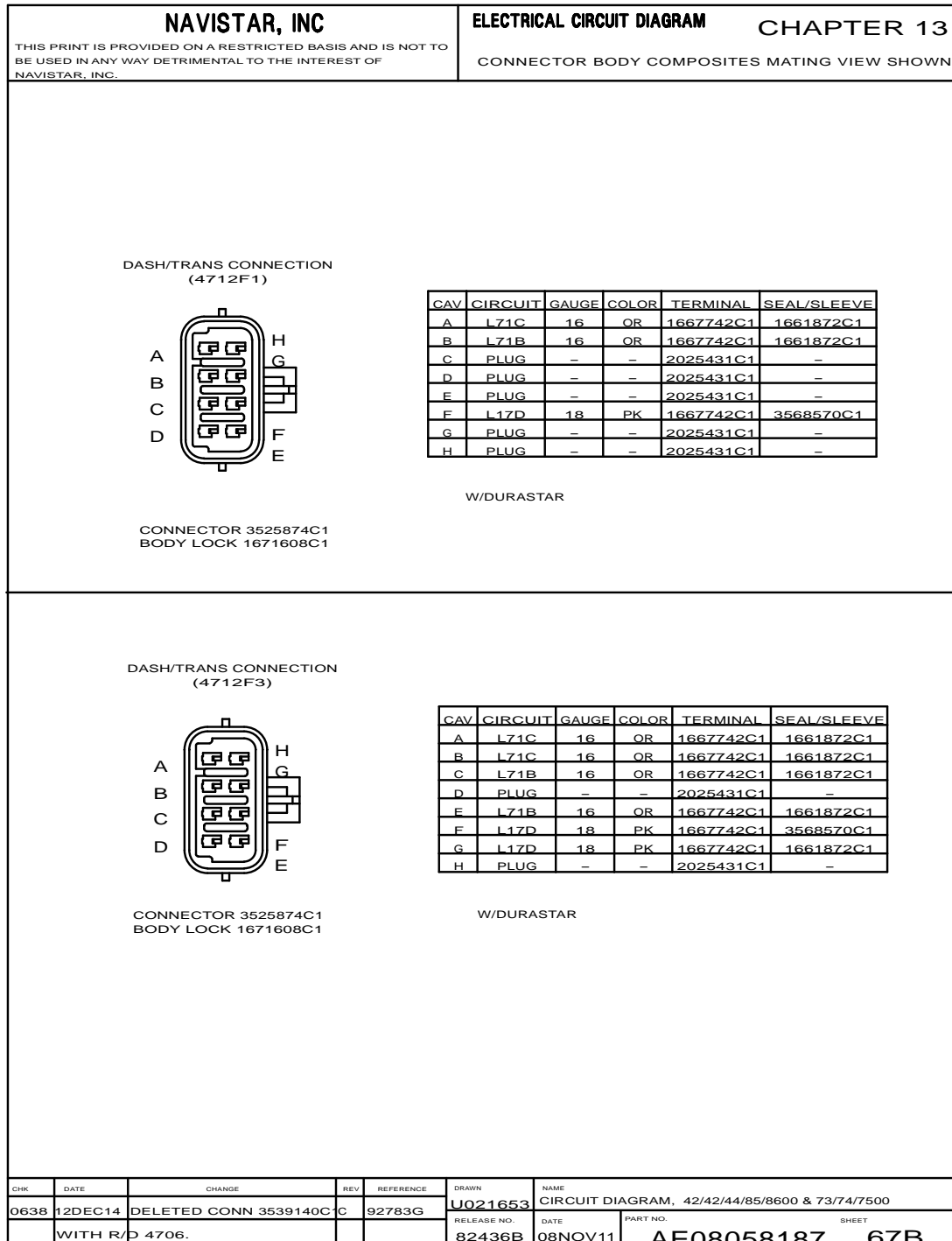


Figure 829 Connector Composites (4712F1), (4712F3)

13.156. CONNECTOR COMPOSITES (4800), (4802), P. 67C

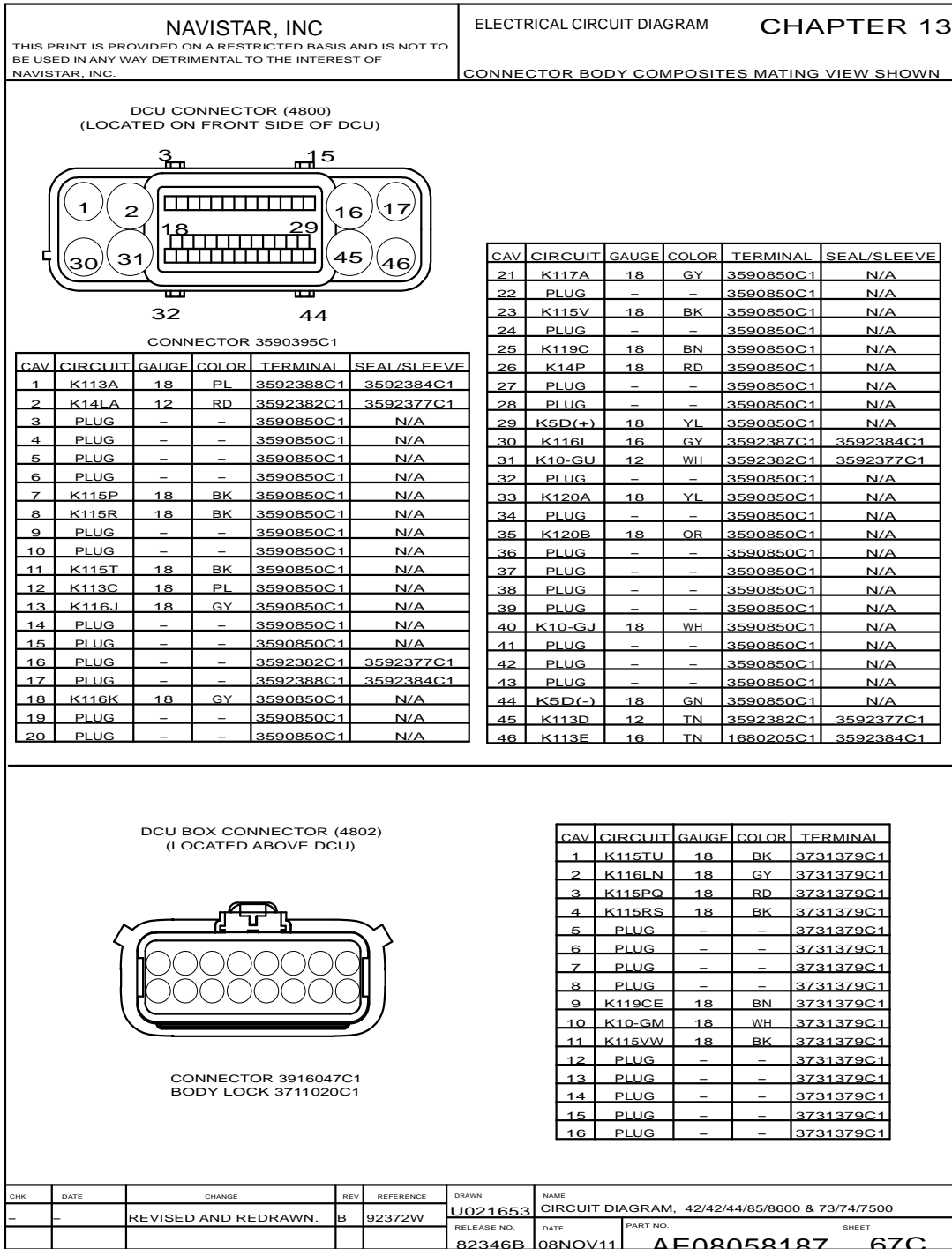


Figure 830 Connector Composites (4800), (4802)

13.157. CONNECTOR COMPOSITES (4803), (4810), (4815), (4830), P. 67D

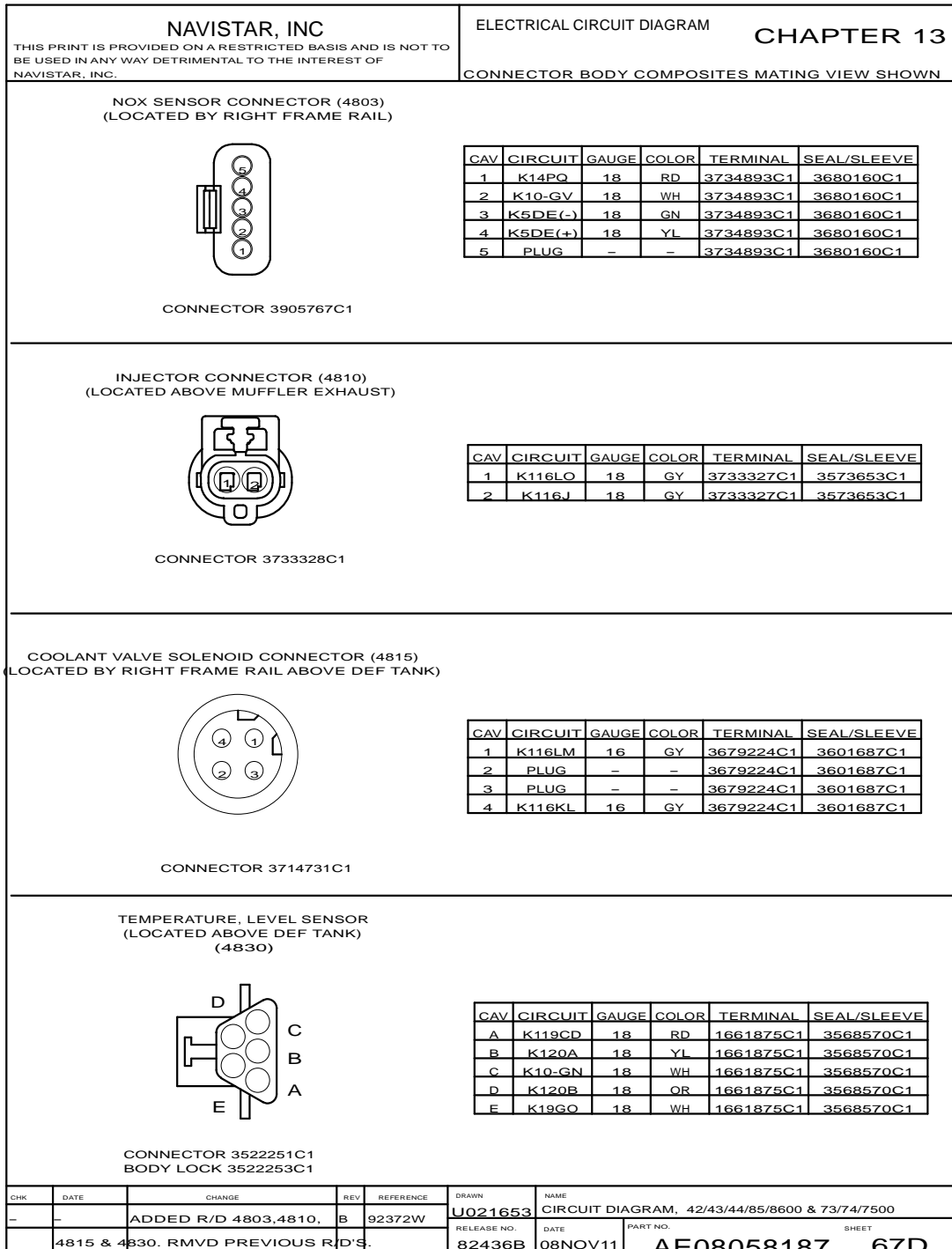


Figure 831 Connector Composites (4803), (4810), (4815), (4830)

13.158. CONNECTOR COMPOSITES (4831), (4833A), (4833B), (4833C), P. 67E

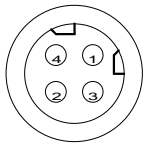



NAVISTAR, INC <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																
TEMPERATURE SENSOR CONNECTOR (4831) (LOCATED ABOVE EXHAUST PIPE)																																				
			<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>1</td> <td>K10-GK</td> <td>18</td> <td>WH</td> <td>3601686C1</td> <td>3733609C1</td> </tr> <tr> <td>2</td> <td>K117A</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3733609C1</td> </tr> <tr> <td>3</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3601686C1</td> <td>3733609C1</td> </tr> <tr> <td>4</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3601686C1</td> <td>3733609C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K10-GK	18	WH	3601686C1	3733609C1	2	K117A	18	GY	3601686C1	3733609C1	3	PLUG	-	-	3601686C1	3733609C1	4	PLUG	-	-	3601686C1	3733609C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																															
1	K10-GK	18	WH	3601686C1	3733609C1																															
2	K117A	18	GY	3601686C1	3733609C1																															
3	PLUG	-	-	3601686C1	3733609C1																															
4	PLUG	-	-	3601686C1	3733609C1																															
CONNECTOR 3601685C1																																				
LINE HEAT CONNECTOR (4833A) (LOCATED BEHIND DEF TANK)																																				
			<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>K113AA</td> <td>18</td> <td>PL</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>K113D</td> <td>12</td> <td>TN</td> <td>1680205C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K113AA	18	PL	1680205C1	2	K113D	12	TN	1680205C1															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																
1	K113AA	18	PL	1680205C1																																
2	K113D	12	TN	1680205C1																																
CONNECTOR 3854665C91 BODY LOCK 3711020C1																																				
LINE HEAT CONNECTOR (4833B) (LOCATED BEHIND DEF TANK)																																				
			<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>K113AB</td> <td>18</td> <td>PL</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>K113E</td> <td>16</td> <td>TN</td> <td>1680205C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K113AB	18	PL	1680205C1	2	K113E	16	TN	1680205C1															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																
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LINE HEAT CONNECTOR (4833C) (LOCATED ABOVE DEF TANK)																																				
			<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>K116LP</td> <td>18</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>K113C</td> <td>18</td> <td>PL</td> <td>1680205C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K116LP	18	GY	1680205C1	2	K113C	18	PL	1680205C1															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																
1	K116LP	18	GY	1680205C1																																
2	K113C	18	PL	1680205C1																																
CONNECTOR 3854665C91 BODY LOCK 3711020C1																																				
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																														
0488	24JAN14	ADDED R/D 4831,4833A	C	92372W	U021653	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																														
	4833B/C	RMVD PREVIOUS R/D'S			RELEASE NO. 82436B	DATE 03NOV11																														
					PART NO. AE08058187	SHEET 67E																														

Figure 832 Connector Composites (4831), (4833A), (4833B), (4833C)

13.159. CONNECTOR COMPOSITES (4840), (4840F), (4841), (4841F), P. 67F

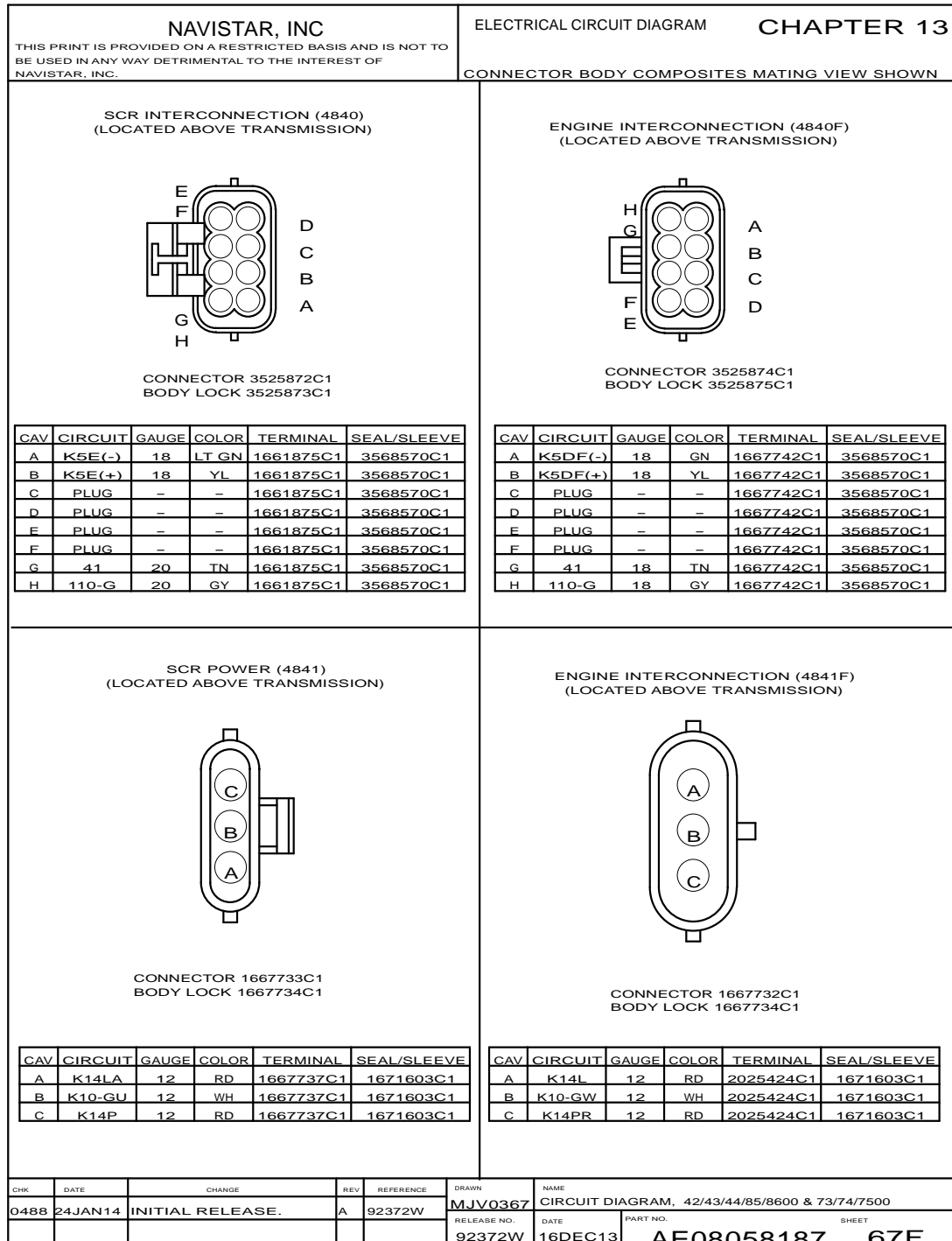


Figure 833 Connector Composites (4840), (4840F), (4841), (4841F)

13.160. CONNECTOR COMPOSITES (4705), (4706), (4905), (4906), P. 68

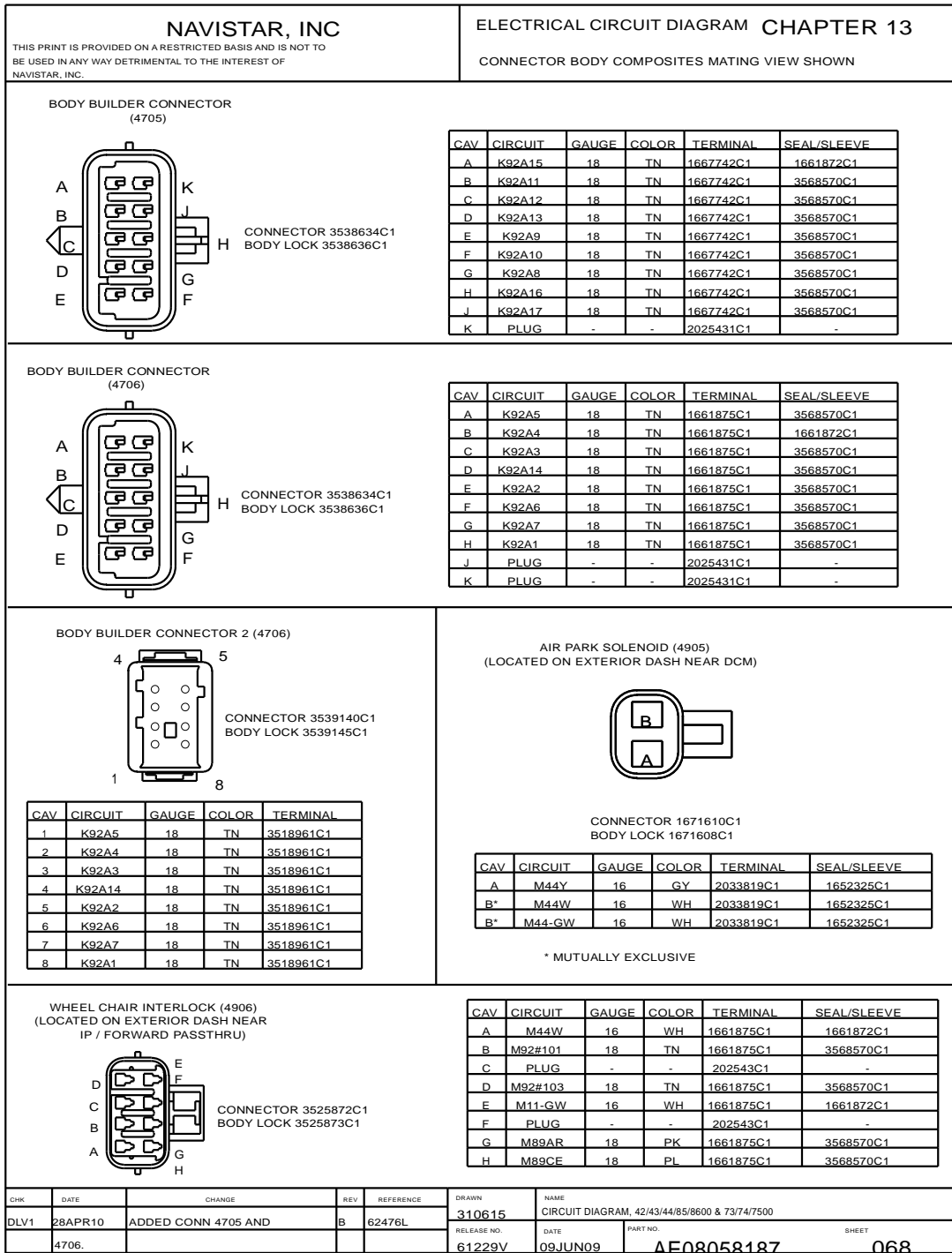


Figure 834 Connector Composites (4705), (4706), (4905), (4906)

13.161. CONNECTOR COMPOSITES (4906C), (4950), (4951), (4952), (4953), P. 68A

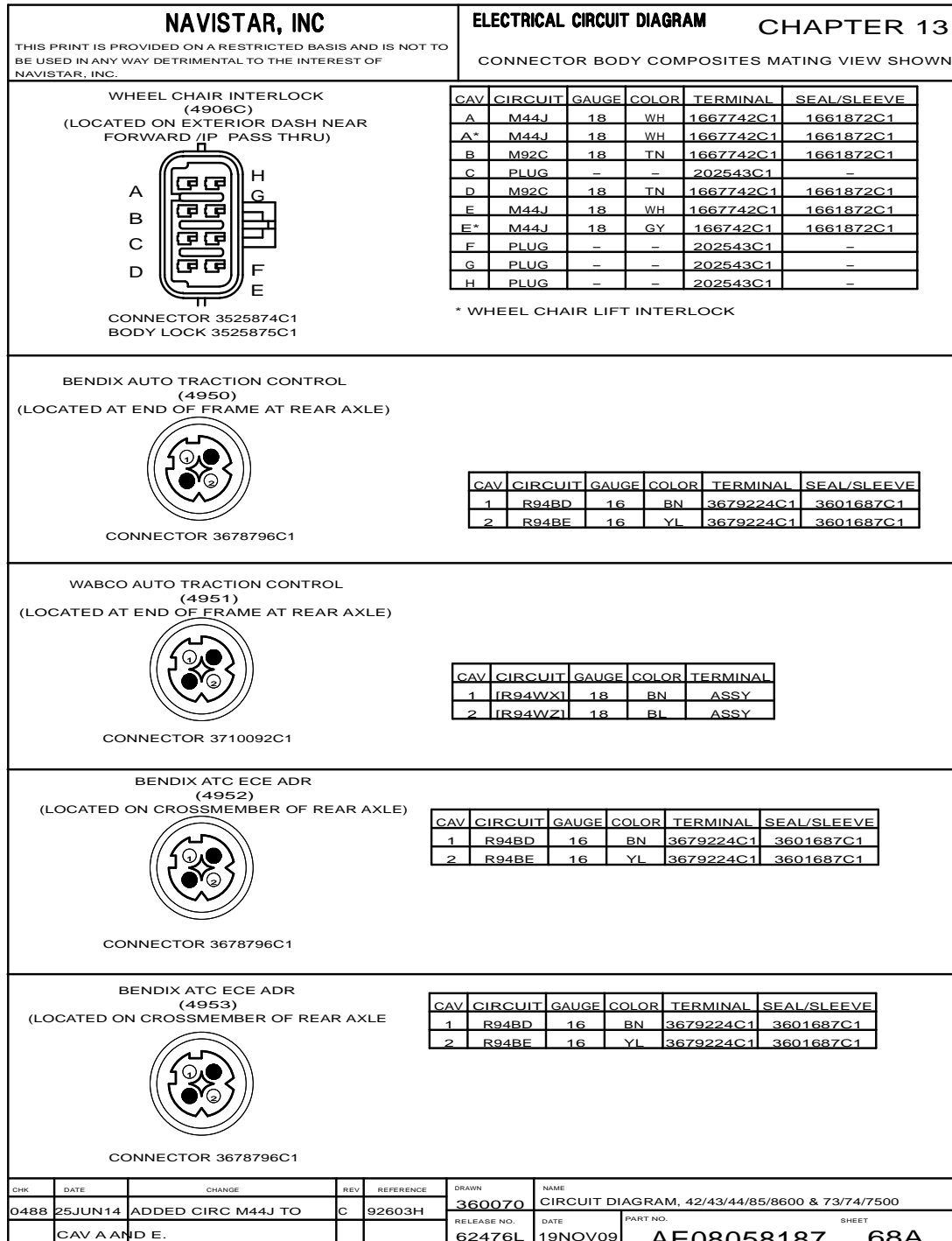


Figure 835 Connector Composites (4906C), (4950), (4951), (4952), (4953)

13.162. CONNECTOR COMPOSITES (5117), (5200), (5500A), P. 68B

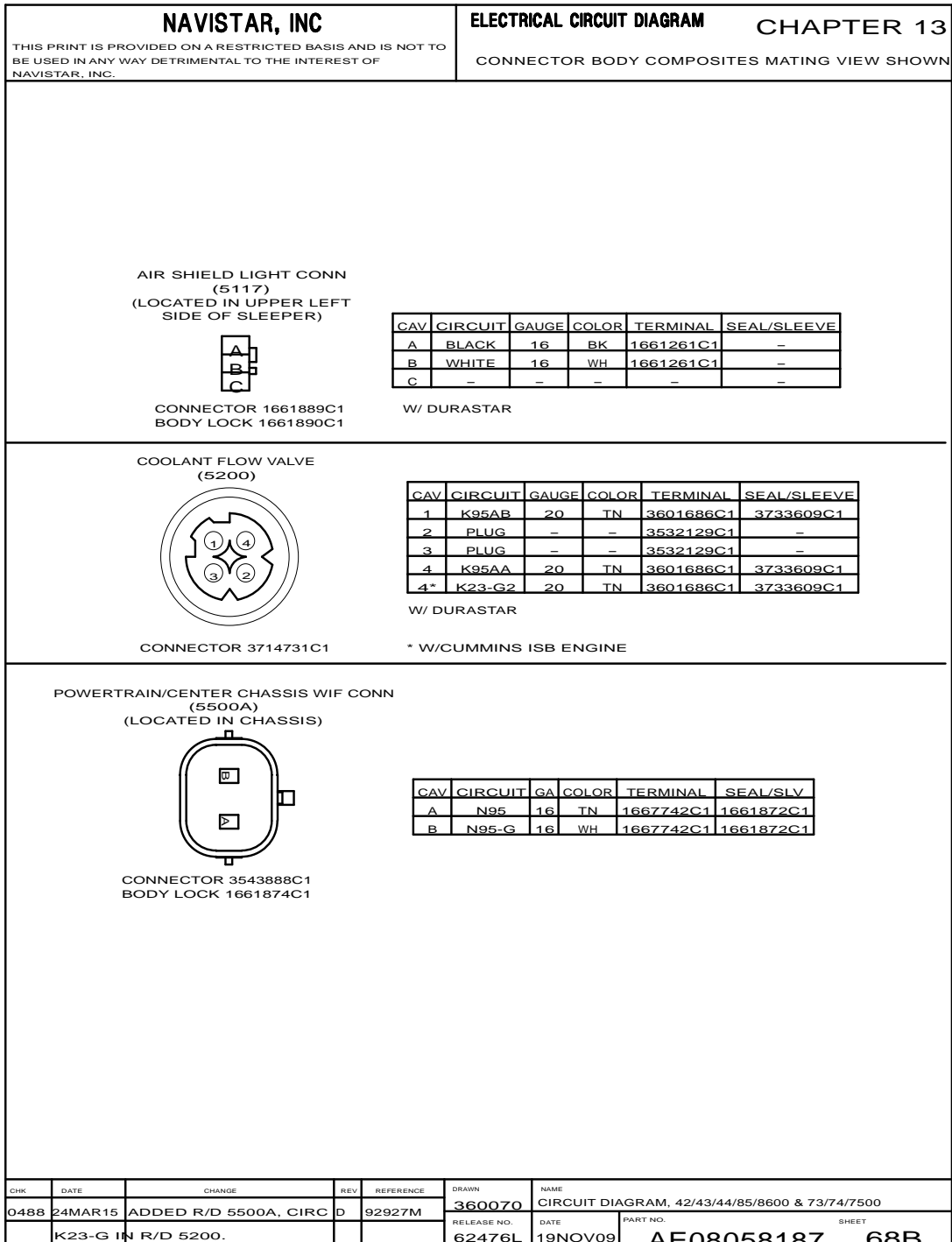
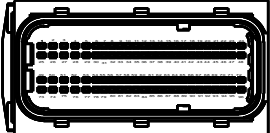


Figure 836 Connector Composites (5117), (5200), (5500A)

13.163. CONNECTOR COMPOSITES (6000), P. 68C

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13			
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				CUMMINS ECM (6000) (LOCATED IN LEFT SIDE OF ENGINE)					
				CONNECTOR 3945694C1 BODY LOCK 3743662C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	K14A5	16	RD	3743666C1	41	K95	20	TN	3743668C1
2	PLUG	-	-	3744547C1	41&	K95BA	20	TN	3743668C1
3	K95-GB	16	TN	3743666C1	42	K95A	20	TN	3743668C1
3&	K95GBE	16	TN	3743666C1	42&	K95BC	20	TN	3743668C1
4	PLUG	-	-	3744547C1	43-45	PLUG	-	-	3744547C1
5	K13B	18	PK	3743666C1	46@	K5(-)	20	GN	3743668C1
6	K95F	20	TN	3743668C1	46#	K5B(-)	20	GN	3743668C1
7	K95-GA	20	TN	3743668C1	46**	K5D(-)	20	GN	3743668C1
8*	K6A	20	GY	3743668C1	46**	K5H(-)	20	GN	3743668C1
8#	K6A	20	PL	3743668C1	46##	K5A(-)	20	GN	3743668C1
9	K97C	20	PL	3743668C1	47-48	PLUG	-	-	3744547C1
10	K99B	20	PL	3743668C1	49	K10-GA	16	WH	3743666C1
11	PLUG	-	-	3744547C1	50	K10-GB	16	WH	3743666C1
12	K46B	20	GY	3743668C1	51	K10-GC	16	WH	3743666C1
13	K95	20	TN	3743668C1	52	K10-GD	16	WH	3743666C1
14**	K95KA	20	TN	3743668C1	53	K95(-)	20	GN	3743668C1
15**	K95KB	20	TN	3743668C1	53&	K95DVI	20	GN	3743668C1
16	K95K	20	TN	3743668C1	54	K95E	20	TN	3743668C1
17-18	PLUG	-	-	3744547C1	55-56	PLUG	-	-	3744547C1
19	K46A	20	GY	3743668C1	57	K95AA	20	TN	3743668C1
20-21	PLUG	-	-	3744547C1	57**	K23-G1	20	TN	3743668C1
22@	K5(+)	20	YL	3743668C1	58	PLUG	-	-	3744547C1
22%	K5B(+)	20	YL	3743668C1	59	K47C	20	GY	3743668C1
22**	K5D(+)	20	YL	3743668C1	59*&	K47A	20	GY	3743668C1
22**	K5H(+)	20	YL	3743668C1	60	K47B	20	GY	3743668C1
22##	K5A(+)	20	YL	3743668C1	60*&	K47	20	GY	3743668C1
23-24	PLUG	-	-	3744547C1	61	K97N	20	PL	3743668C1
25	K14A4	16	RD	3743666C1	62@@	K9-G	20	GY	3743668C1
26	K14A3	16	RD	3743666C1	62%%	K9A	20	GY	3743668C1
27	K14A2	16	RD	3743666C1	63	K99A	20	PL	3743668C1
28	K14A1	16	RD	3743666C1	64	K97M	20	PL	3743668C1
29	PLUG	-	-	3744547C1	65	K41A	20	TN	3743668C1
30	K97AR	20	PL	3743668C1	66	K97XG	20	GY	3743668C1
31	PLUG	-	-	3744547C1	67	K99F	20	PL	3743668C1
32	K9A	20	GY	3743668C1	68-69	PLUG	-	-	3744547C1
33	K97B	20	PL	3743668C1	70**	K97XC	20	TN	3743668C1
34	PLUG	-	-	3744547C1	71-72	PLUG	-	-	3744547C1
35	K34	20	TN	3743668C1	73	K10-GE	16	WH	3743666C1
35*&	K34A	20	TN	3743668C1	74	PLUG	-	-	3744547C1
36-37	PLUG	-	-	3744547C1	75	K18	18	PK	3743666C1
38	K95B	20	TN	3743668C1	76	K18R	18	PK	3743666C1
38&	K95GBE	16	TN	3743666C1	77	K95(+)	20	YL	3743668C1
39	K95A1	20	TN	3743668C1	77&	K95DVH	20	YL	3743668C1
39&	K95AS2	20	TN	3743668C1	78**	K23	20	TN	3743668C1
40	K95C	20	TN	3743668C1	79	K95D	20	TN	3743668C1
40&	K95A2	20	TN	3743668C1	79&	K95SB	20	TN	3743668C1
					80	PLUG	-	-	3744547C1
					81	K95G	20	TN	3743668C1
					82	K95AB	20	TN	3743668C1
					82&	K95AC	20	TN	3743668C1
					83	K17	20	PK	3743668C1
					84	K95MA	20	TN	3743668C1
					85	K95MB	20	TN	3743668C1
					86-89	PLUG	-	-	3744547C1
					90	K99B	20	PL	3743668C1
					91-93	PLUG	-	-	3744547C1
					94	K99C	20	PL	3743668C1
					95-96	PLUG	-	-	3744547C1

* & W/ F-2013-ISL-ENG
 * W/ F-2017-ISL-ENG
 ** W/ F-2017-ISB-ENG
 ## W/J1939 EATON PROCISION XMSN
 * OEM SENSOR SUPPLY W/ BODY BUILDER
 # OEM SENSOR SUPPLY N/ BODY BUILDER
 @ J1939 W/ MANUAL TRANSMISSION
 % J1939 W/ ALLISON TRANSMISSION
 @@ ECM RETURN N/ BODY BUILDER
 %% ECM RETURN W/ BODY BUILDER

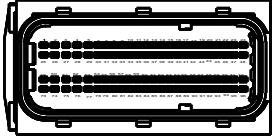
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJVO	23 OCT 16	REVISED AND REDRAWN.	H	93425N	MJVO195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					92218B	30 JUL 13
					PART NO.	SHEET
					AE08058187	68C

Figure 837 Connector Composites (6000)

13.164. CONNECTOR COMPOSITES (6000), P. 68D

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

CUMMINS ECM
(6000)
(LOCATED IN LEFT SIDE OF ENGINE)



CONNECTOR 3945694C1
BODY LOCK 3743662C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	K14A5	16	RD	3743666C1
2	PLUG	-	-	3744547C1
3	K95GBE	16	BK	3743666C1
4	PLUG	-	-	3744547C1
5	K13B	18	PK	3743666C1
6	K95F	20	TN	3743668C1
7	PLUG	-	-	3744547C1
8	K6A	20	TN	3743668C1
9	K97C	20	PL	3743668C1
10	K99B	20	PL	3743668C1
11	PLUG	-	-	3744547C1
12	K46B	20	GY	3743668C1
13	K95	20	TN	3743668C1
14-15	PLUG	-	-	3744547C1
16	K95K	20	TN	3743668C1
17-18	PLUG	-	-	3744547C1
19	K46A	20	GY	3743668C1
20-21	PLUG	-	-	3744547C1
22	K5(+)	20	YL	3743668C1
22*	K5H(+)	20	YL	3743668C1
22@	K5B(+)	20	YL	3743668C1
22%	K5A(+)	20	YL	3743668C1
23-24	PLUG	-	-	3744547C1
25	K14A4	16	RD	3743666C1
26	K14A3	16	RD	3743666C1
27	K14A2	16	RD	3743666C1
28	K14A1	16	RD	3743666C1
29	PLUG	-	-	3744547C1
30	K97AR	20	PL	3743668C1
31	PLUG	-	-	3744547C1
32	K9A	20	TN	3743668C1
33	K97B	20	PL	3743668C1
34	PLUG	-	-	3744547C1
35	K34	20	TN	3743668C1
36-37	PLUG	-	-	3744547C1
38	K95B	20	TN	3743668C1
39	K95A1	20	TN	3743668C1
40	K95AU2	20	TN	3743668C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
41	K95	20	TN	3743668C1
42	K95A	20	TN	3743668C1
43-45	PLUG	-	-	3744547C1
46	K5(-)	20	GN	3743668C1
46&	K5H(-)	20	GN	3743668C1
46#	K5B(-)	20	GN	3743668C1
46^	K5A(-)	20	GN	3743668C1
47-48	PLUG	-	-	3744547C1
49	K10-GA	16	WH	3743666C1
50	K10-GB	16	WH	3743666C1
51	K10-GC	16	WH	3743666C1
52	K10-GD	16	WH	3743666C1
53	K95EL	18	TN	3743666C1
54	K95N	20	TN	3743668C1
55-56	PLUG	-	-	3744547C1
57	K95AA	20	TN	3743668C1
58	PLUG	-	-	3744547C1
59	K47C	20	GY	3743668C1
60	K47B	20	GY	3743668C1
61	K97N	20	PL	3743668C1
62	K9	20	GY	3743668C1
62**	K9A	20	GY	3743668C1
63	K99A	20	PL	3743668C1
64	K97M	20	PL	3743668C1
65	K41A	20	TN	3743668C1
66	K97XG	20	GY	3743668C1
67	K99F	20	PL	3743668C1
68-69	PLUG	-	-	3744547C1
70	K97XC	20	TN	3743668C1
71-72	PLUG	-	-	3744547C1
73	K10-GE	16	WH	3743666C1
74	PLUG	-	-	3744547C1
75	K18	18	PK	3743666C1
76	K18R	18	PK	3743666C1
77	K95EH	18	TN	3743666C1
78	K23	20	TN	3743668C1
79	K95A	20	TN	3743668C1
80-81	PLUG	-	-	3744547C1
82	K95AB	20	TN	3743668C1
83	K17	20	PK	3743668C1
84-89	PLUG	-	-	3744547C1
90	K99B	20	PL	3743668C1
91-93	PLUG	-	-	3744547C1
94	K99C	20	PL	3743668C1

W/ F-2017-ISB-ENG
 * J1939 W/ EATON ULTRASHIFT
 @ J1939 (CAN-BUS 500K)
 W/ ALLISON 1000-2000 TRANSMISSION
 % J1939 500K EATON EPS
 & J1939 W/ EATON ULTRASHIFT
 # J1939 (CAN-BUS 500K)
 W/ ALLISON 1000-2000 TRANSMISSION
 ^ J1939 500K EATON EPS
 ** ECM RETURN W/ BODY BUILDER

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJV0	13AUG16	REVISED AND REDRAWN.	B	93614H	MJV0367	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					92372W	16DEC13
					PART NO.	SHEET
					AE08058187	68D

Figure 838 Connector Composites (6000)

13.165. CONNECTOR COMPOSITES (6003), (6004), (6005), (6007), (6008), (6009), P. 68E

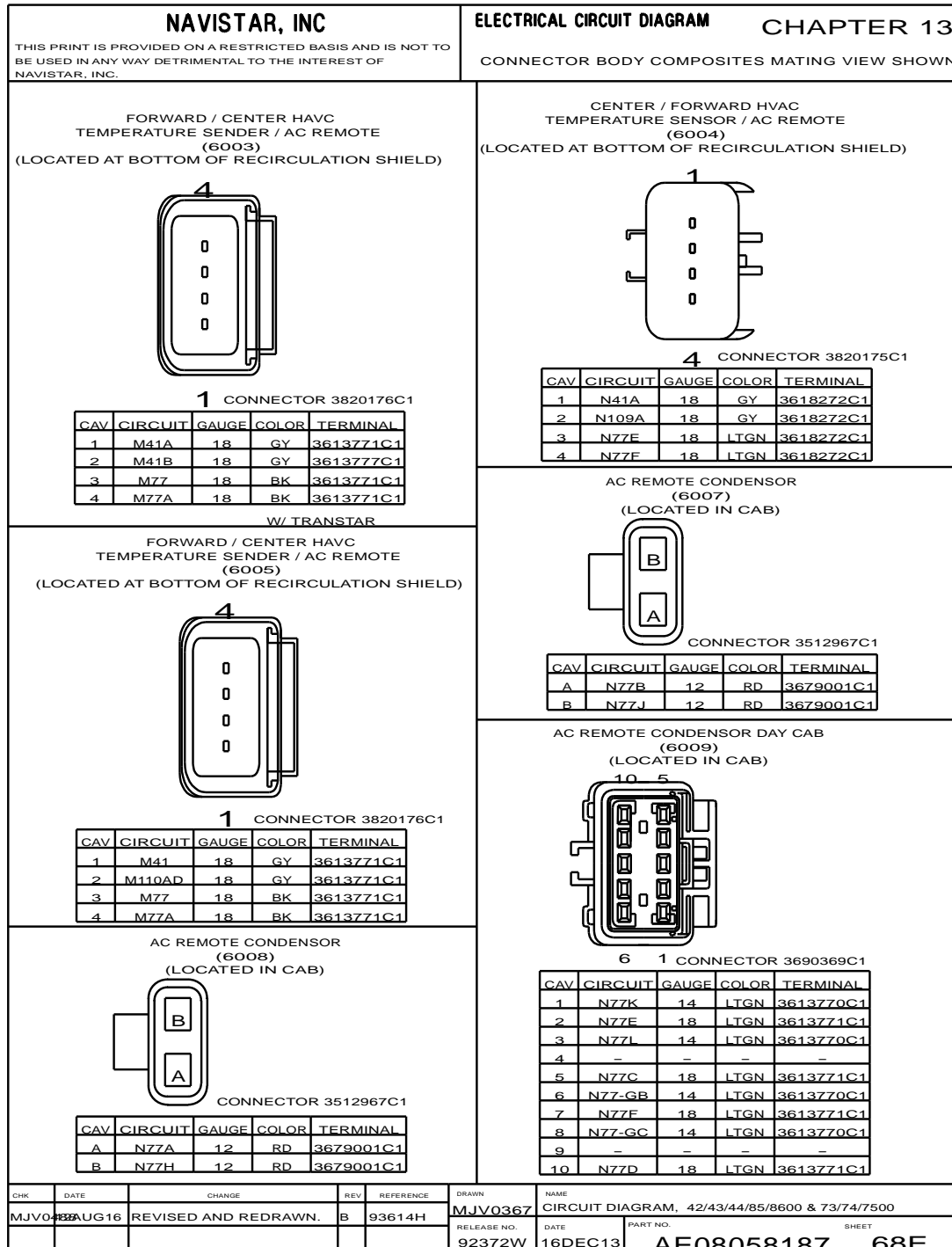


Figure 839 Connector Composites (6003), (6004), (6005), (6007), (6008), (6009)

13.166. CONNECTOR COMPOSITES (6011), P. 69

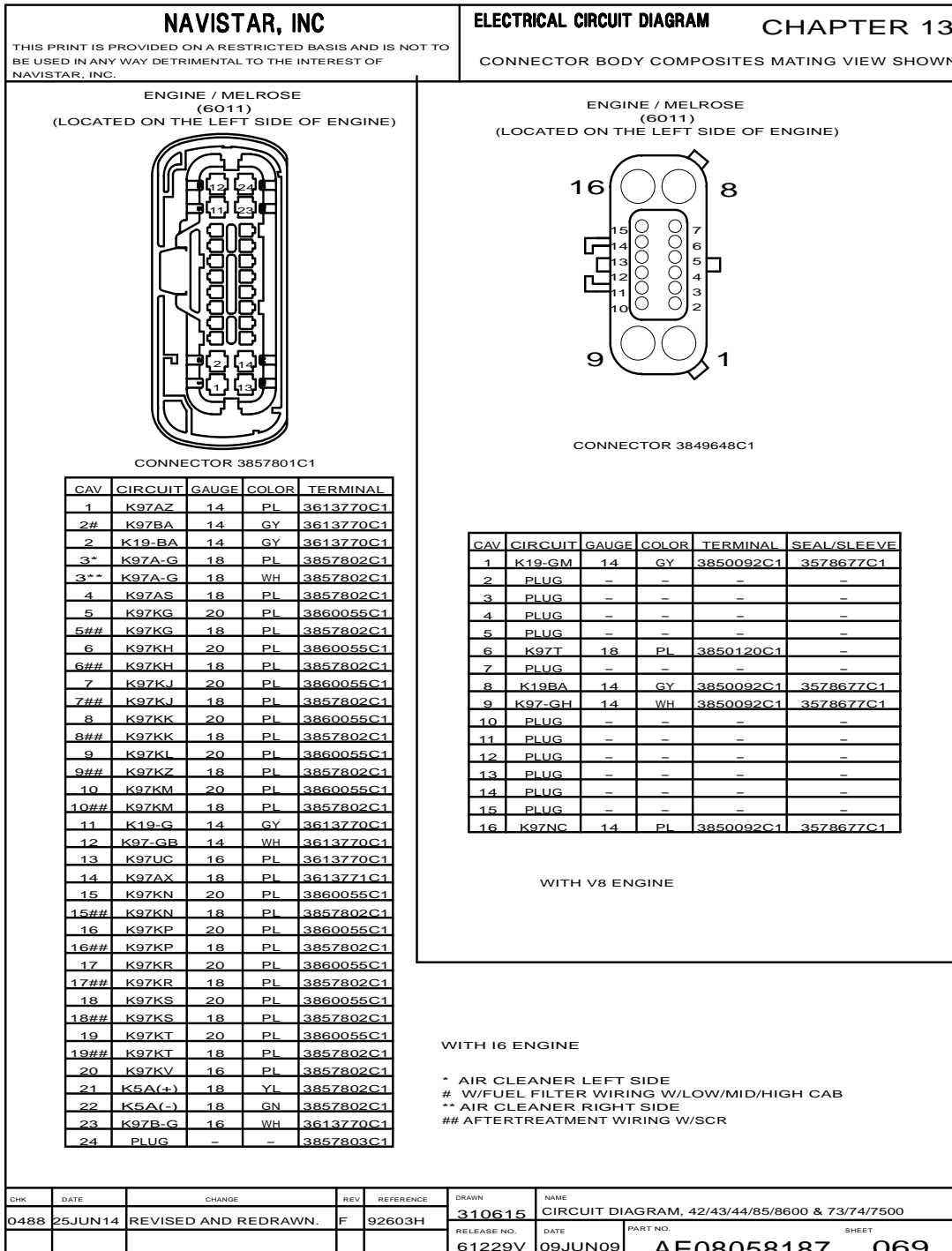


Figure 840 Connector Composites (6011)

13.167. CONNECTOR COMPOSITES (6012), (6013), P. 69A

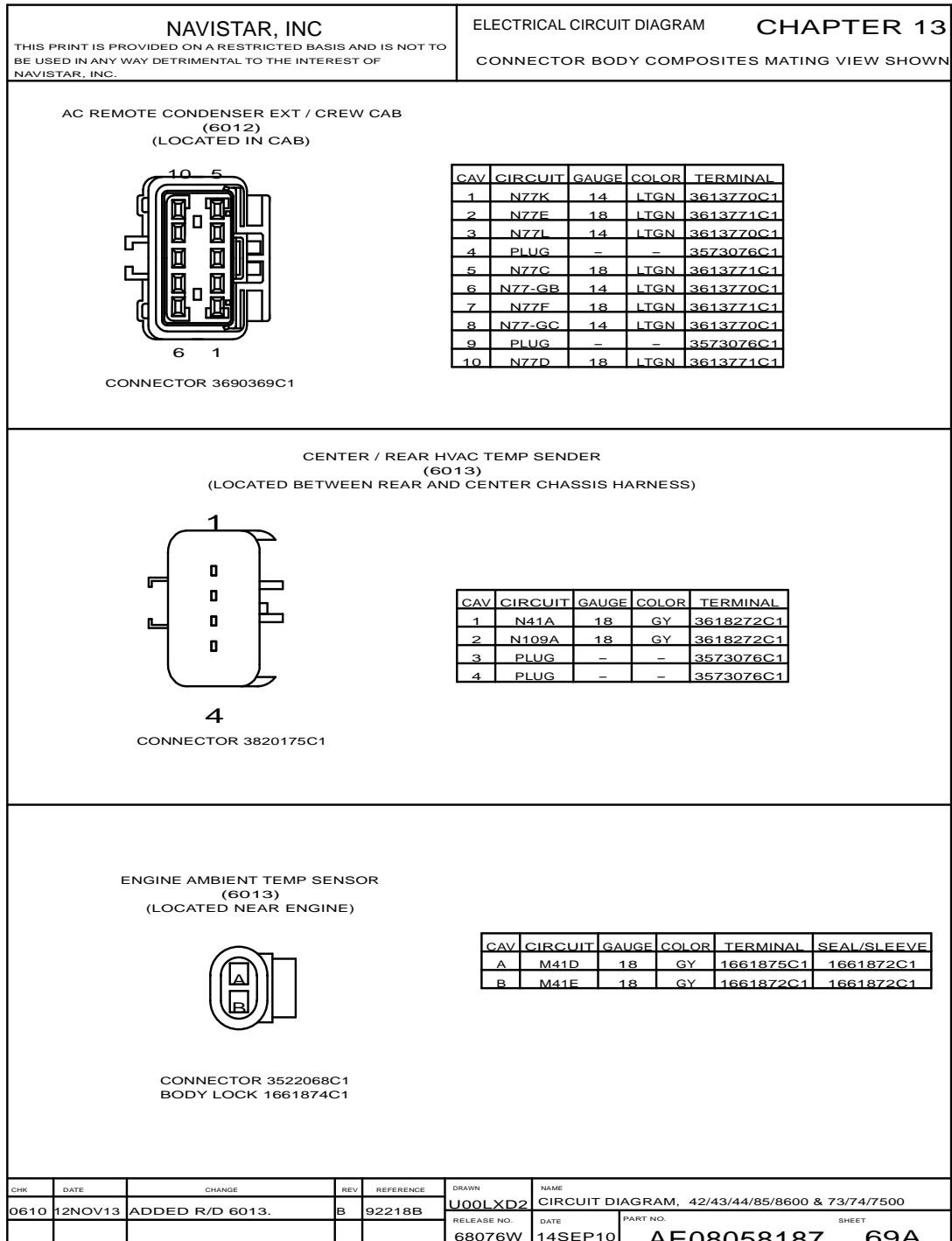


Figure 841 Connector Composites (6012), (6013)

13.168. CONNECTOR COMPOSITES (6018), P. 70

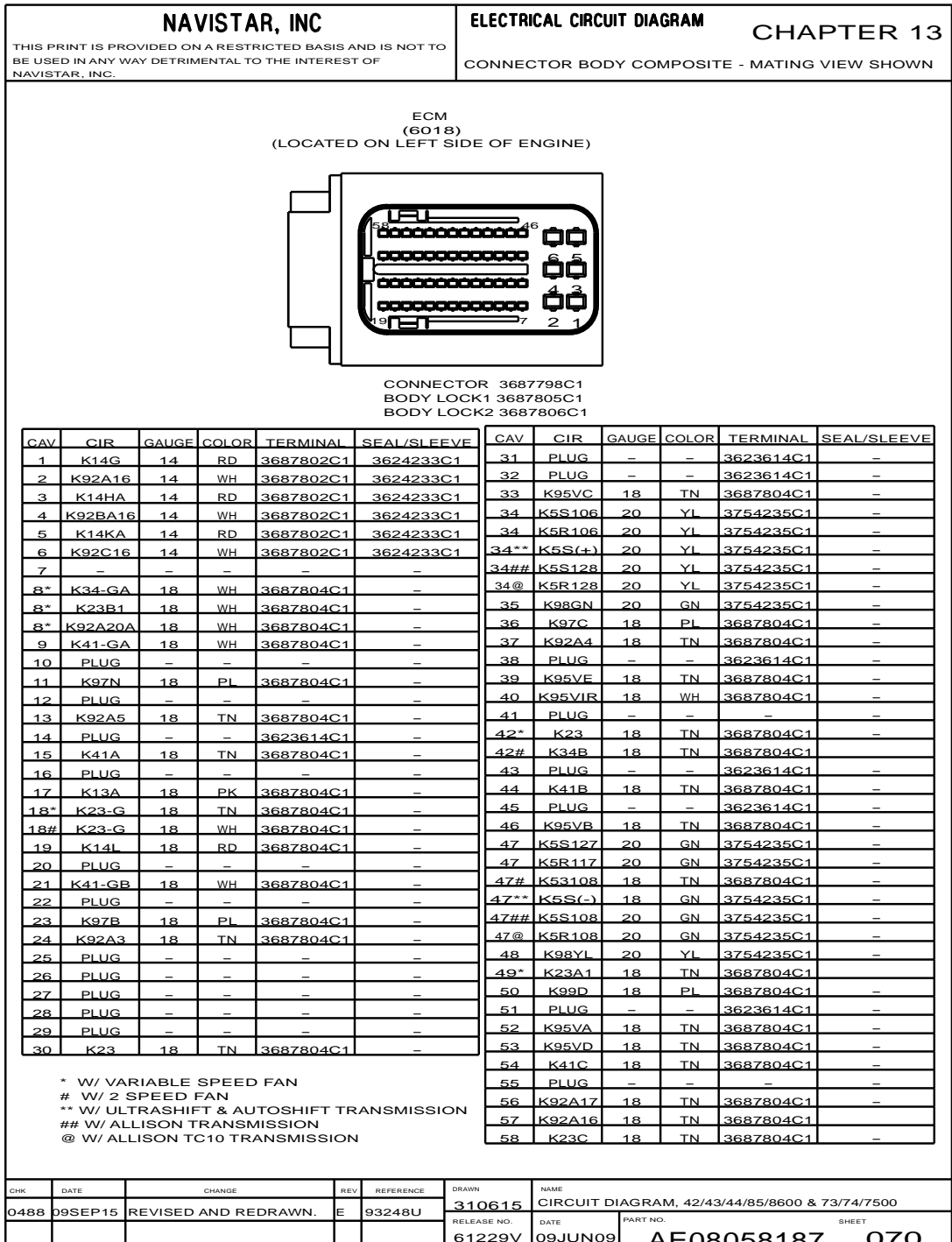


Figure 842 Connector Composites (6018)

13.169. CONNECTOR COMPOSITES (6019), P. 71

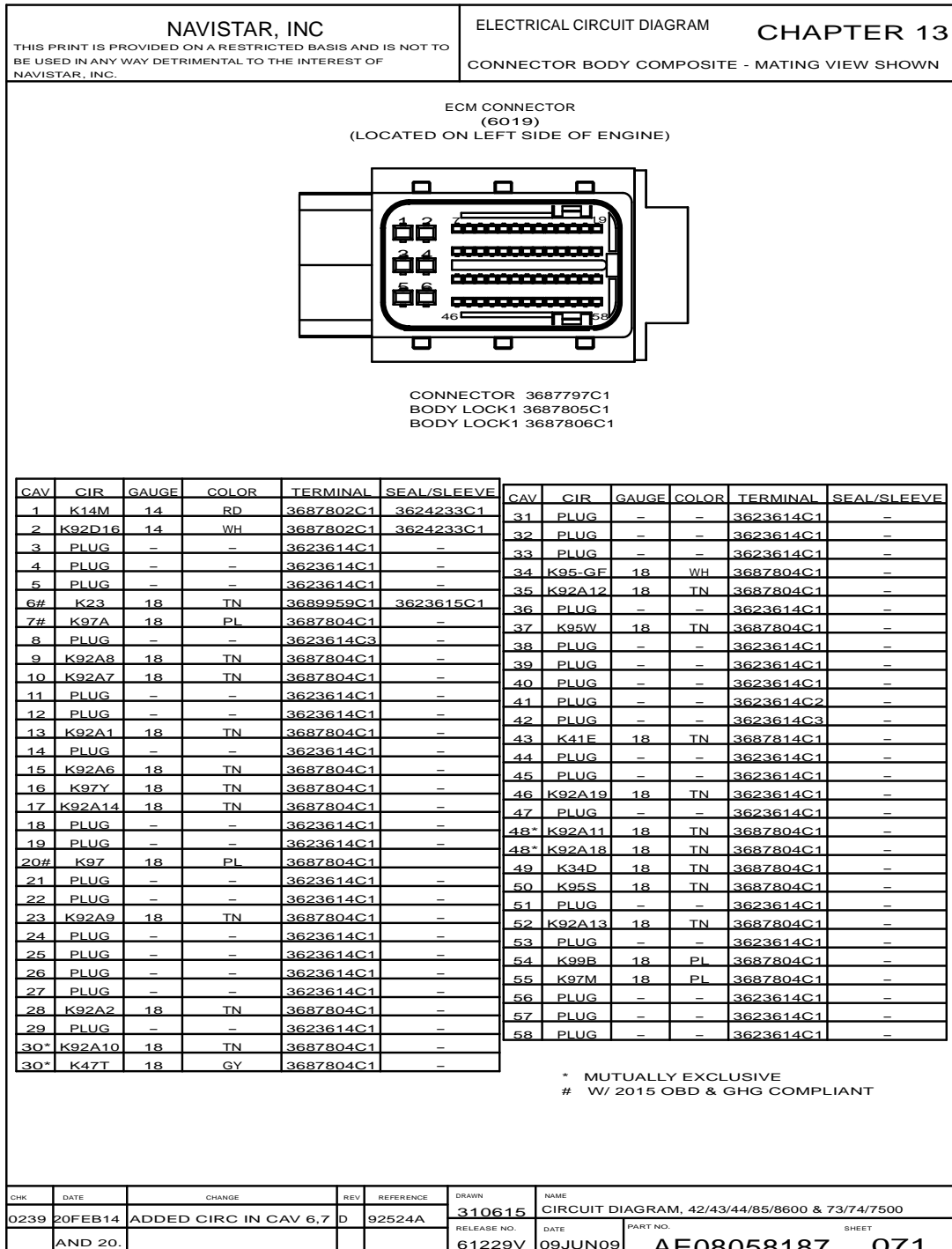


Figure 843 Connector Composites (6019)

13.170. CONNECTOR COMPOSITES (6020M), P. 71A

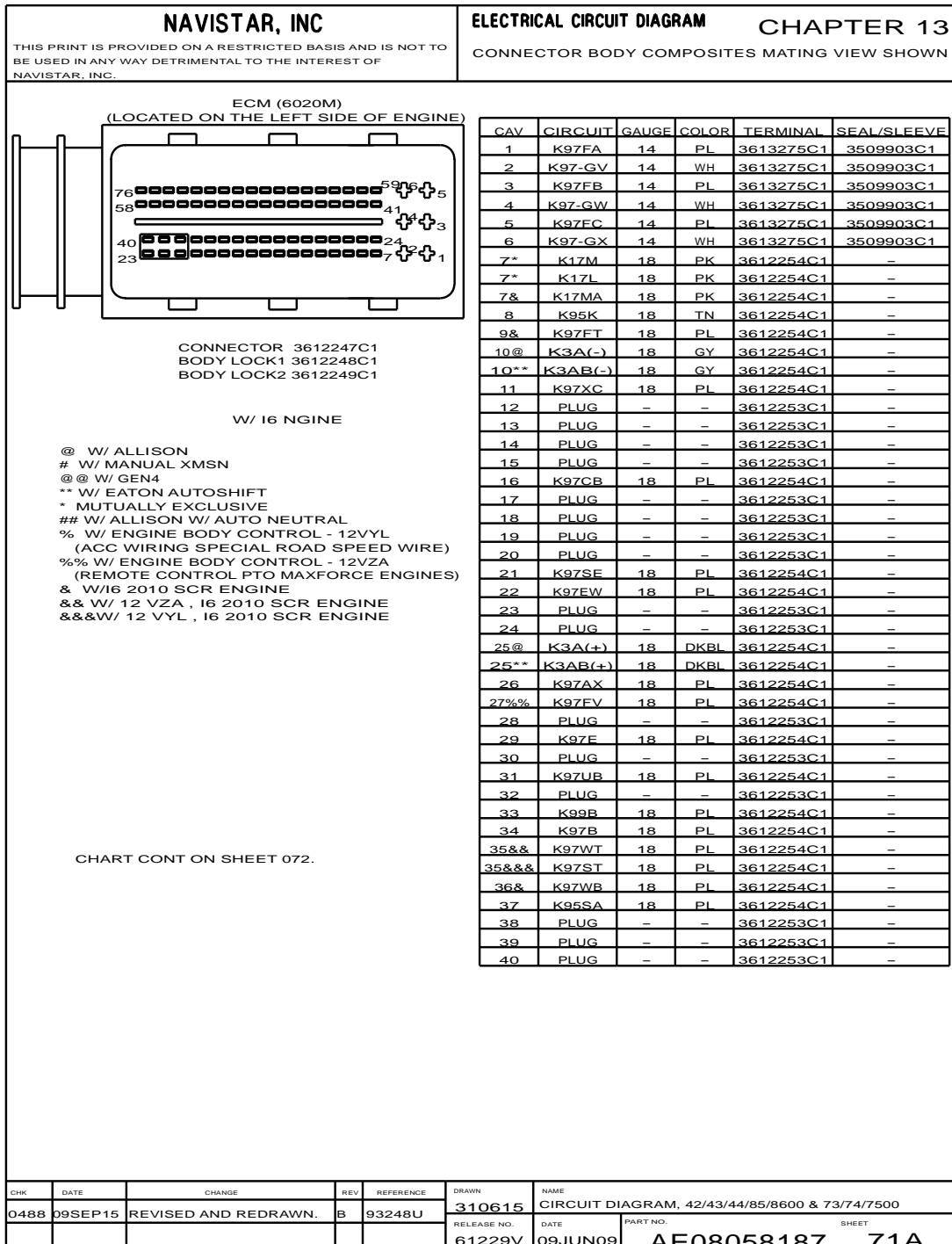


Figure 844 Connector Composites (6020M)

13.171. CONNECTOR COMPOSITES (6020M), P. 72

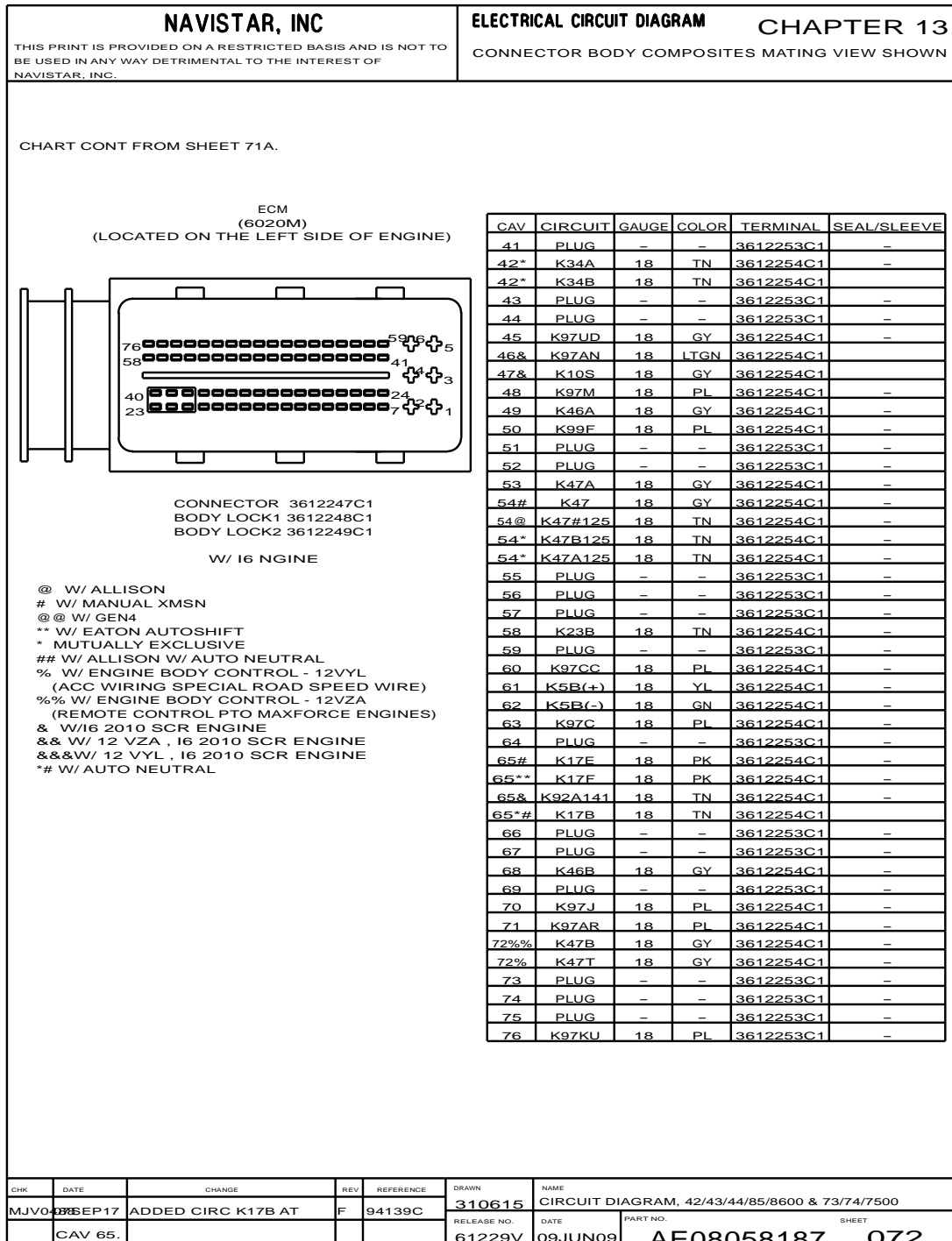


Figure 845 Connector Composites (6020M)

13.172. CONNECTOR COMPOSITES (6020M), P. 72A

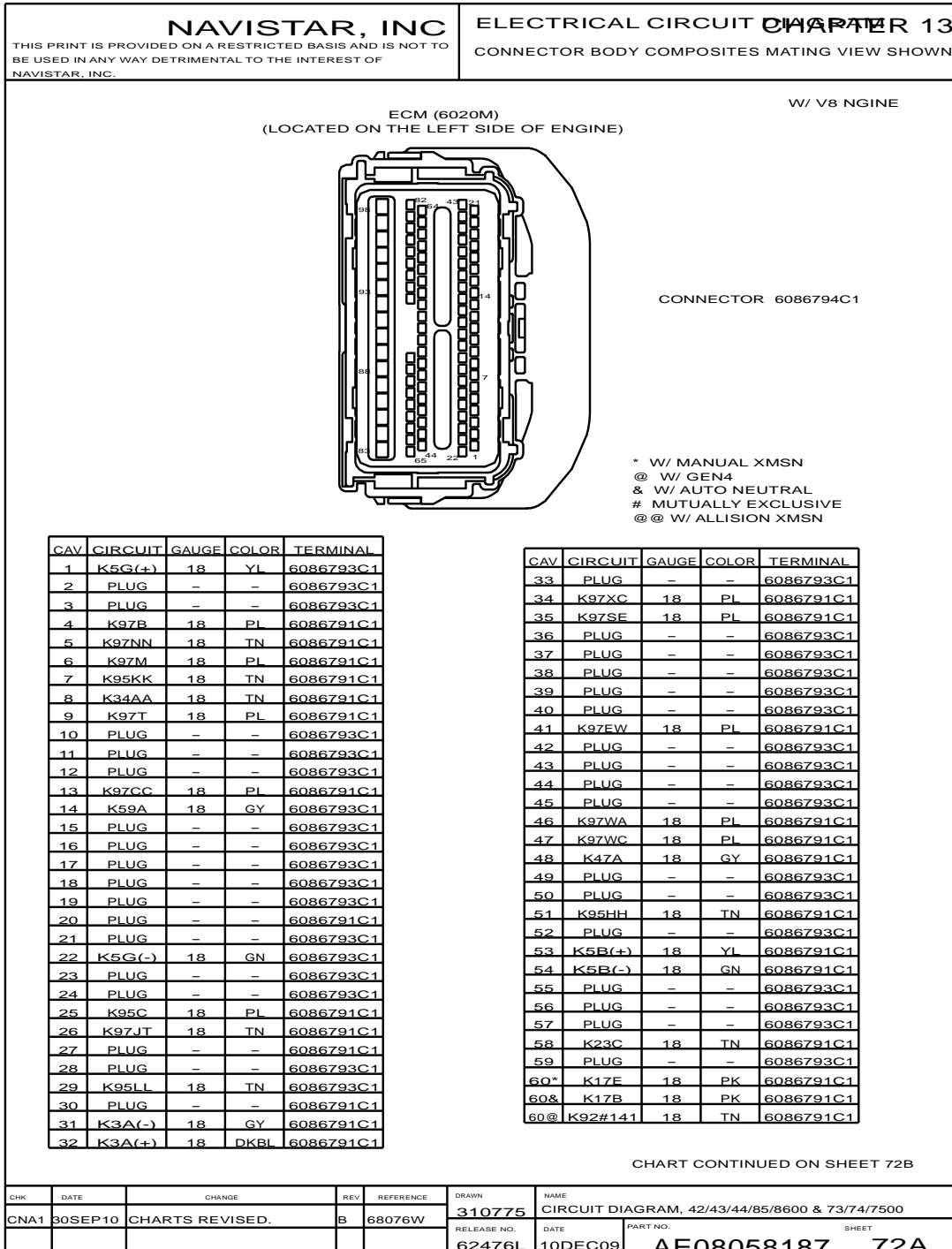


Figure 846 Connector Composites (6020M)

13.173. CONNECTOR COMPOSITES (6020M), P. 72B

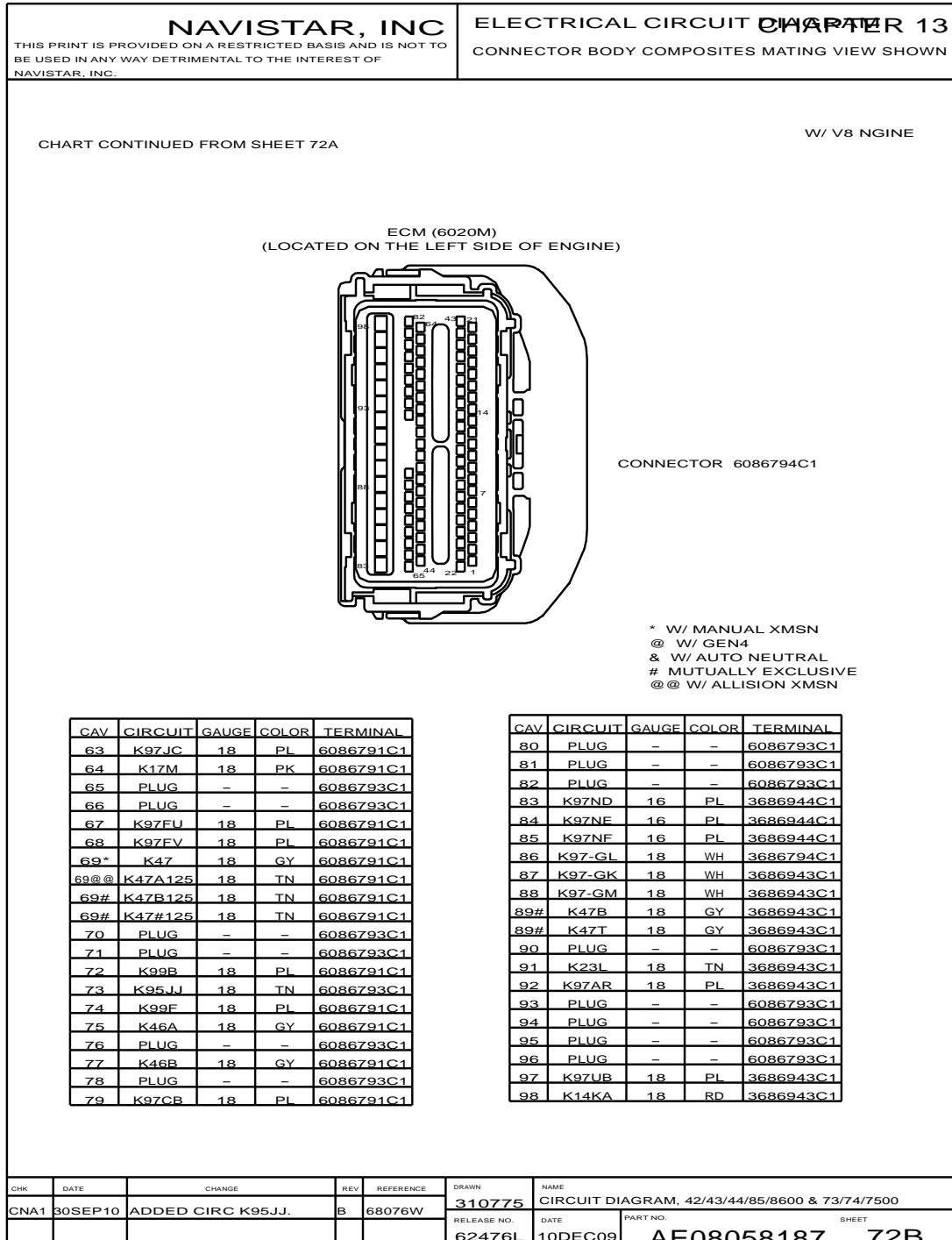
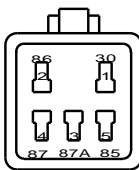


Figure 847 Connector Composites (6020M)

13.174. CONNECTOR COMPOSITES (6022), (6023), (6033), P. 73

<p style="text-align: center;">NAVISTAR, INC</p> <p style="font-size: small;">THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>	<p style="text-align: center;">ELECTRICAL CIRCUIT DIAGRAM</p> <p style="text-align: right;">CHAPTER 13</p> <p style="text-align: center;">CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p>
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ECM POWER RELAY (6022)
(LOCATED NEAR THE IP / ENGINE INTERCONNECTION)

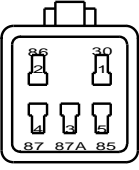


CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	K97XA	10	PL	3512334C1	0589390C1
2	K97XB	16	VT	2039343C1	1652325C1
3	PLUG	-	-	0587579C1	-
4	K97F	10	PL	3512334C1	0589390C1
4*	K97N	10	PL	3512334C1	0589390C1
5	K97JA	18	PL	2039343C1	3517771C1
5*	K97JC	18	PL	2039343C1	3517771C1

CONNECTOR 3512331C91
BODY LOCK 3515185C1

* W/ V8 ENGINE

EGR / TURBO POWER RELAY (6023)
(LOCATED NEAR THE IP / ENGINE INTERCONNECTION)

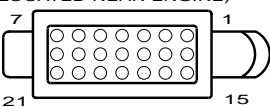


CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	K97HA	18	VT	2039343C1	1652325C1
1*	K97HA	10	PL	3512334C1	0589390C1
2	K97HB	18	PL	2039343C1	3517771C1
3	PLUG	-	-	0587579C1	-
4	K97A	10	PL	3512334C1	0589390C1
5	K97JB	18	VT	2039343C1	1652325C1

CONNECTOR 3512331C91
BODY LOCK 3515185C1

* W/ I6 2010 SCR ENGINE

ENGINE SENSOR INTERFACE (6033)
(LOCATED NEAR ENGINE)



CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
10**	K97	18	PL	3803140C1	3803134C1
11**	K97A	18	PL	3803140C1	3803134C1
12*	K47	18	GY	3803140C1	3803134C1
12#@	K47A125	18	TN	3803140C1	3803134C1
13	K47A	18	GY	3803140C1	3803134C1
14	K97Y	18	TN	3803140C1	3803134C1
15	K41D	16	TN	3803140C1	3803134C1
16	K5A(+)	18	YL	3803140C1	3803134C1
17	K5A(-)	18	GN	3803140C1	3803134C1
18	PLUG	-	-	3803138C1	-
19	K21B3	18	TN	3803140C1	3803134C1
20	K21B2	18	TN	3803140C1	3803134C1
21	K21B1	18	TN	3803140C1	3803134C1

CONNECTOR 3803137C1
BODY LOCK1 3803139C1
BODY LOCK2 3803117C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	K10-GJ	16	WH	3803140C1	3803134C1
2	K10-GK	16	WH	3803140C1	3803134C1
3	K14F	14	RD	3803140C1	3803134C1
4	K14FA	14	RD	3803140C1	3803134C1
5	K14A	18	TN	3803140C1	3803134C1
6	K14-GA	18	WH	3803140C1	3803134C1
7	K41B	18	TN	3803140C1	3803134C1
8	K41C	18	TN	3803140C1	3803134C1
9	K41-GB	18	WH	3803140C1	3803134C1

* W/ MANUAL TRANSMISSION
W/ ALLISION TRANSMISSION
@ W/ ALLISON TC10 TRANSMISSION
**W/ 2015 OBD & GHG COMPLIANT

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJV0	16AUG16	ADDED BODY LOCK	G	93614H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
	3515185	C1 IN R/D 6022,6023.			61229V	09JUN09
						PART NO. AE08058187 SHEET 073

Figure 848 Connector Composites (6022), (6023), (6033)

13.175. CONNECTOR COMPOSITES (6060), (6061), (6062), (6063), (6064), (6065), P. 73A

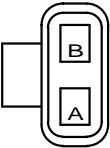

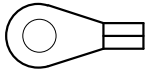
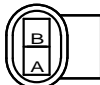
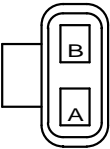

NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13																			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.										CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																			
<p>MOTOR SENSOR FUSE (6060) (LOCATED AT INSTRUMENT PANEL)</p>  <p>CONNECTOR 1667639C1</p> <table border="1"> <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>A90H</td> <td>14</td> <td>GY</td> <td>1661707C1</td> </tr> <tr> <td>B</td> <td>A90HA</td> <td>14</td> <td>GY</td> <td>1661707C1</td> </tr> </tbody> </table>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A90H	14	GY	1661707C1	B	A90HA	14	GY	1661707C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																									
A	A90H	14	GY	1661707C1																									
B	A90HA	14	GY	1661707C1																									
<p>FLOW SWITCH (6061) (LOCATED AT INSTRUMENT PANEL)</p>  <p>CONNECTOR 2036584C1</p> <table border="1"> <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>A90CA</td> <td>16</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>A90-G</td> <td>16</td> <td>WH</td> <td>2036586C1</td> </tr> </tbody> </table>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A90CA	16	GY	2036586C1	B	A90-G	16	WH	2036586C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																									
A	A90CA	16	GY	2036586C1																									
B	A90-G	16	WH	2036586C1																									
<p>DASH GROUND STUD (6062) (LOCATED AT INSTRUMENT PANEL)</p>  <p>TERMINAL 3581768C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A90-GA</td> <td>12</td> <td>WH</td> <td>3581768C1</td> <td>2644038R1</td> </tr> </tbody> </table>															CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	A90-GA	12	WH	3581768C1	2644038R1			
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																								
A	A90-GA	12	WH	3581768C1	2644038R1																								
<p>LOW FLUID LEVEL SW (6063) (LOCATED AT INSTRUMENT PANEL)</p>  <p>CONNECTOR 2036583C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A9AB</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>A90P</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> </tbody> </table>															CAV	CIRCUIT	GA	COLOR	TERMINAL	A	A9AB	18	GY	2036586C1	B	A90P	18	GY	2036586C1
CAV	CIRCUIT	GA	COLOR	TERMINAL																									
A	A9AB	18	GY	2036586C1																									
B	A90P	18	GY	2036586C1																									
<p>DIFF PRESSURE SW (6064) (LOCATED AT INSTRUMENT PANEL)</p>  <p>CONNECTOR 3518873C91</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A90C</td> <td>16</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>B</td> <td>A90B</td> <td>16</td> <td>GY</td> <td>ASSY</td> </tr> </tbody> </table>															CAV	CIRCUIT	GA	COLOR	TERMINAL	A	A90C	16	GY	ASSY	B	A90B	16	GY	ASSY
CAV	CIRCUIT	GA	COLOR	TERMINAL																									
A	A90C	16	GY	ASSY																									
B	A90B	16	GY	ASSY																									
<p>PRESSURE SW (6065) (LOCATED AT INSTRUMENT PANEL)</p>  <p>CONNECTOR 3602747C1 CONN LOCK 3539978C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A90L</td> <td>16</td> <td>GY</td> <td>3755839C1</td> </tr> <tr> <td>2</td> <td>A90N</td> <td>16</td> <td>GY</td> <td>3755839C1</td> </tr> </tbody> </table>															CAV	CIRCUIT	GA	COLOR	TERMINAL	1	A90L	16	GY	3755839C1	2	A90N	16	GY	3755839C1
CAV	CIRCUIT	GA	COLOR	TERMINAL																									
1	A90L	16	GY	3755839C1																									
2	A90N	16	GY	3755839C1																									
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																							
0488	20NOV14	R/D ON SHEET 73A WAS	F	92674A	U00LXD2	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																							
	6100.6102.6102.6103.6103.6200.				RELEASE NO.	DATE	PART NO.	SHEET																					
					68076W	23SEP10	AE08058187	73A																					

Figure 849 Connector Composites (6060), (6061), (6062), (6063), (6064), (6065)

13.176. CONNECTOR COMPOSITES (6066), (6067), (6068), (6069), (6070), (6071), P. 73B

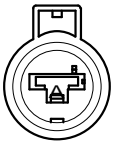
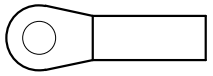
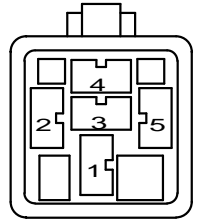
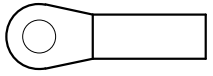
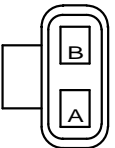
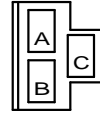
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																													
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<p>REDUNDANT POWER FEED (6066) (LOCATED AT INSTRUMENT PANEL)</p>  <p>CONNECTOR 3700151C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLV</th></tr> </thead> <tbody> <tr><td>A</td><td>A14B</td><td>8</td><td>GY</td><td>3700154C1</td><td>3537135C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	A14B	8	GY	3700154C1	3537135C1	<p>MOTOR SENSOR (6067) (LOCATED AT INSTRUMENT PANEL)</p>  <p>TERMINAL 0365682C2</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLV</th></tr> </thead> <tbody> <tr><td>A</td><td>A90F</td><td>10</td><td>GY</td><td>0365682C2</td><td>2644005R1</td></tr> <tr><td>A</td><td>A90H</td><td>14</td><td>GY</td><td>0365682C2</td><td>2644005R1</td></tr> </tbody> </table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	A90F	10	GY	0365682C2	2644005R1	A	A90H	14	GY	0365682C2	2644005R1												
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																												
A	A14B	8	GY	3700154C1	3537135C1																																												
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																												
A	A90F	10	GY	0365682C2	2644005R1																																												
A	A90H	14	GY	0365682C2	2644005R1																																												
<p>RELAY POWER (6068) (LOCATED AT INSTRUMENT PANEL)</p>  <p>CONNECTOR 1661747C91</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>A14</td><td>10</td><td>RD</td><td>1661708C1</td></tr> <tr><td>2</td><td>A90A</td><td>16</td><td>GY</td><td>3895713C1</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>A90F</td><td>10</td><td>GY</td><td>1661708C1</td></tr> <tr><td>5</td><td>A90K</td><td>16</td><td>GY</td><td>3895713C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	1	A14	10	RD	1661708C1	2	A90A	16	GY	3895713C1	3	PLUG	-	-	-	4	A90F	10	GY	1661708C1	5	A90K	16	GY	3895713C1	<p>HYD MOTOR GND (6069) (LOCATED AT INSTRUMENT PANEL)</p>  <p>TERMINAL 3867524C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLV</th></tr> </thead> <tbody> <tr><td>A</td><td>A90-GM</td><td>12</td><td>WH</td><td>3867524C1</td><td>2644005R1</td></tr> </tbody> </table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	A90-GM	12	WH	3867524C1	2644005R1
CAV	CIRCUIT	GA	COLOR	TERMINAL																																													
1	A14	10	RD	1661708C1																																													
2	A90A	16	GY	3895713C1																																													
3	PLUG	-	-	-																																													
4	A90F	10	GY	1661708C1																																													
5	A90K	16	GY	3895713C1																																													
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																												
A	A90-GM	12	WH	3867524C1	2644005R1																																												
<p>5A FUSE (6070) (LOCATED AT INSTRUMENT PANEL)</p>  <p>CONNECTOR 1667639C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A90NA</td><td>14</td><td>GY</td><td>1661707C1</td></tr> <tr><td>B</td><td>A90NB</td><td>14</td><td>GY</td><td>1661707C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	A	A90NA	14	GY	1661707C1	B	A90NB	14	GY	1661707C1	<p>DIODE CONN (6071) (LOCATED AT INSTRUMENT PANEL)</p>  <p>CONNECTOR 0598839C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A90L</td><td>16</td><td>GY</td><td>0333732C1</td></tr> <tr><td>B</td><td>A90J</td><td>18</td><td>GY</td><td>0333732C1</td></tr> <tr><td>C</td><td>A90K</td><td>16</td><td>GY</td><td>0333732C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	A	A90L	16	GY	0333732C1	B	A90J	18	GY	0333732C1	C	A90K	16	GY	0333732C1							
CAV	CIRCUIT	GA	COLOR	TERMINAL																																													
A	A90NA	14	GY	1661707C1																																													
B	A90NB	14	GY	1661707C1																																													
CAV	CIRCUIT	GA	COLOR	TERMINAL																																													
A	A90L	16	GY	0333732C1																																													
B	A90J	18	GY	0333732C1																																													
C	A90K	16	GY	0333732C1																																													
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																											
0488	20NOV14	INITIAL RELEASE.	A	92674A	MJV0223	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																											
					RELEASE NO.	DATE	PART NO.																																										
					92674A	24SEP14	AE08058187																																										
							SHEET 73B																																										

Figure 850 Connector Composites (6066), (6067), (6068), (6069), (6070), (6071)

13.177. CONNECTOR COMPOSITES (6100), (6102), (6103), (6200), P. 73C

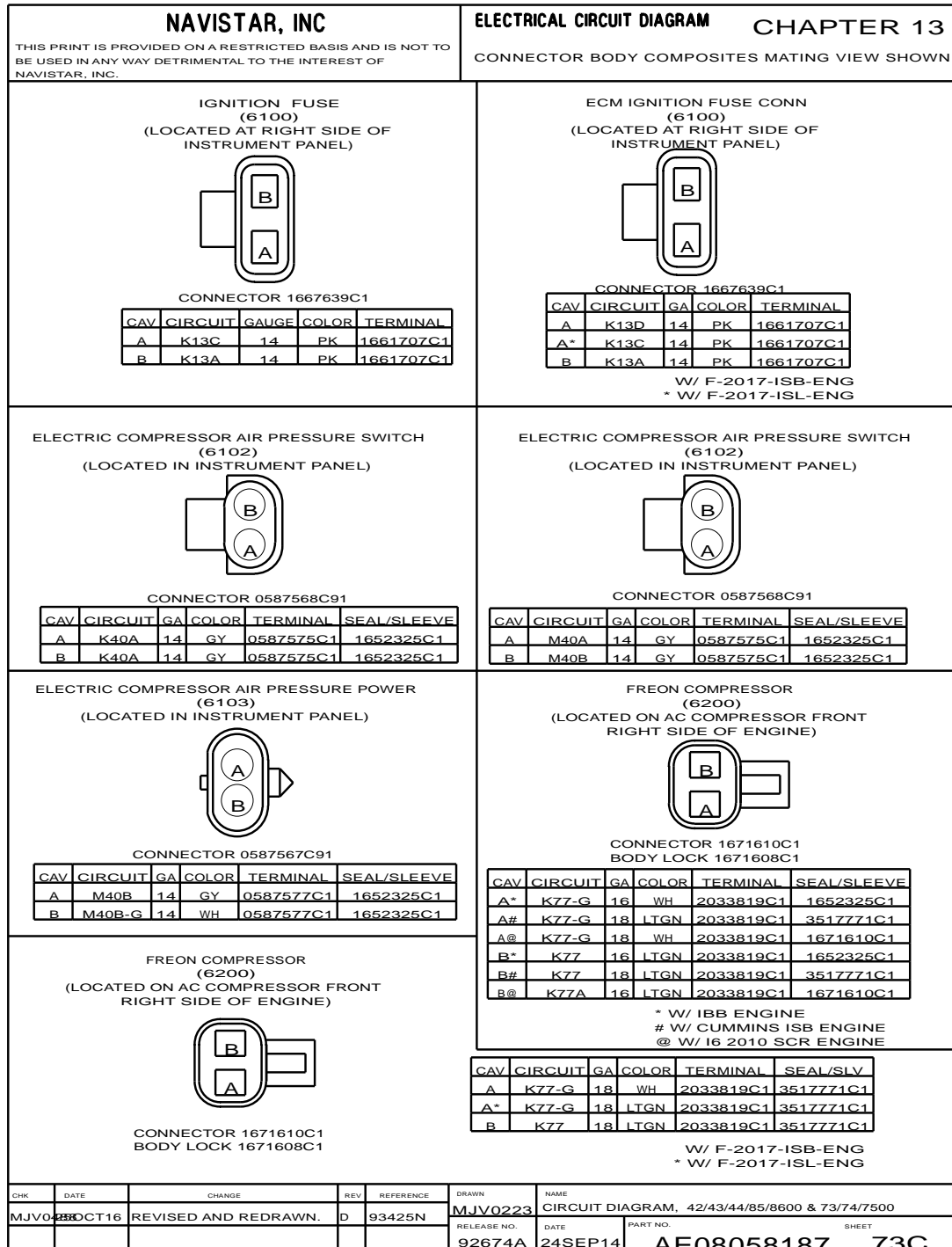


Figure 851 Connector Composites (6100), (6102), (6103), (6200)

13.178. CONNECTOR COMPOSITES (*6201), (6201), (6201A), (6201B), (6201P), P. 74

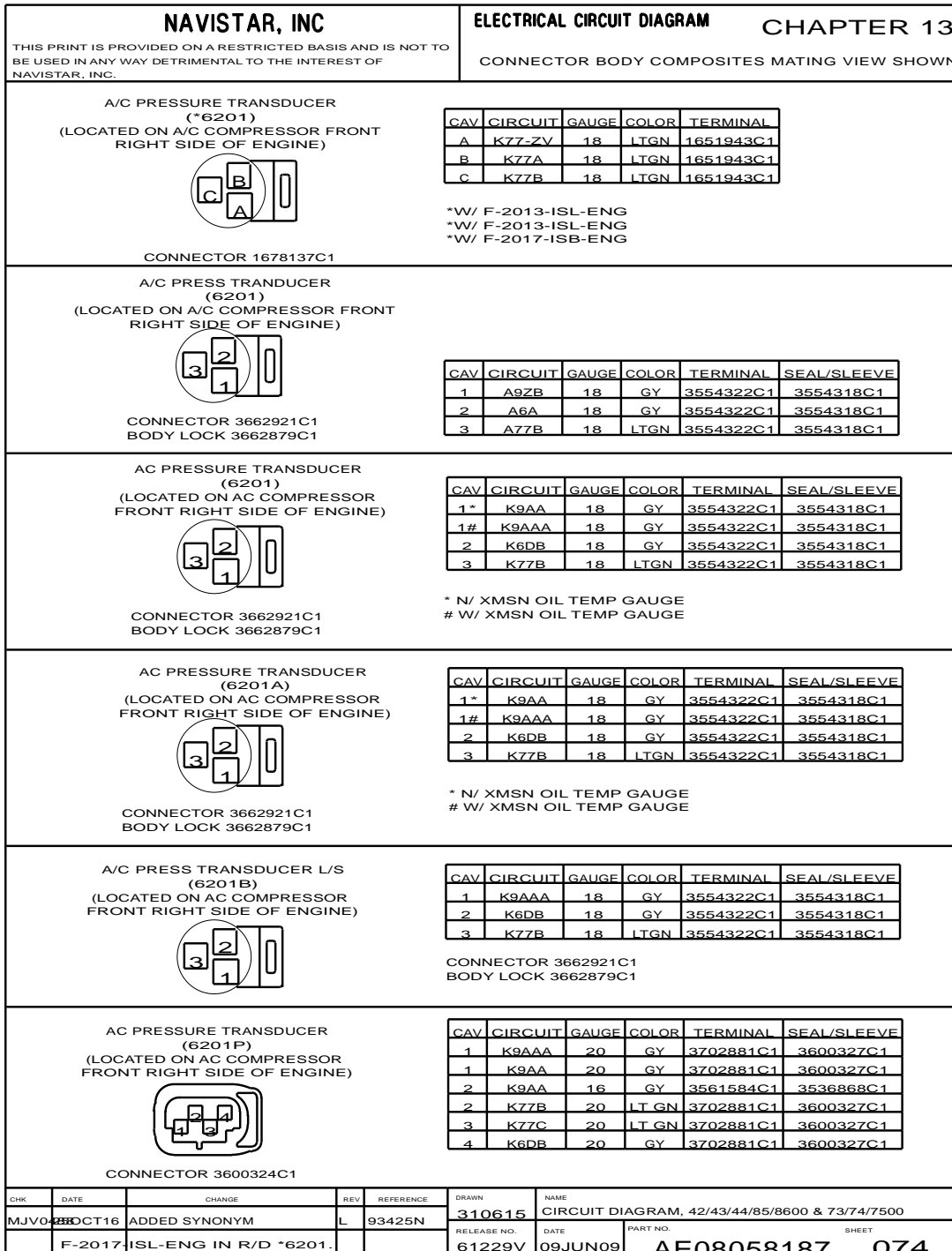


Figure 852 Connector Composites (*6201), (6201), (6201A), (6201B), (6201P)

13.179. CONNECTOR COMPOSITES (6260A), (6260F), (6260FP), (6260H), P. 74A

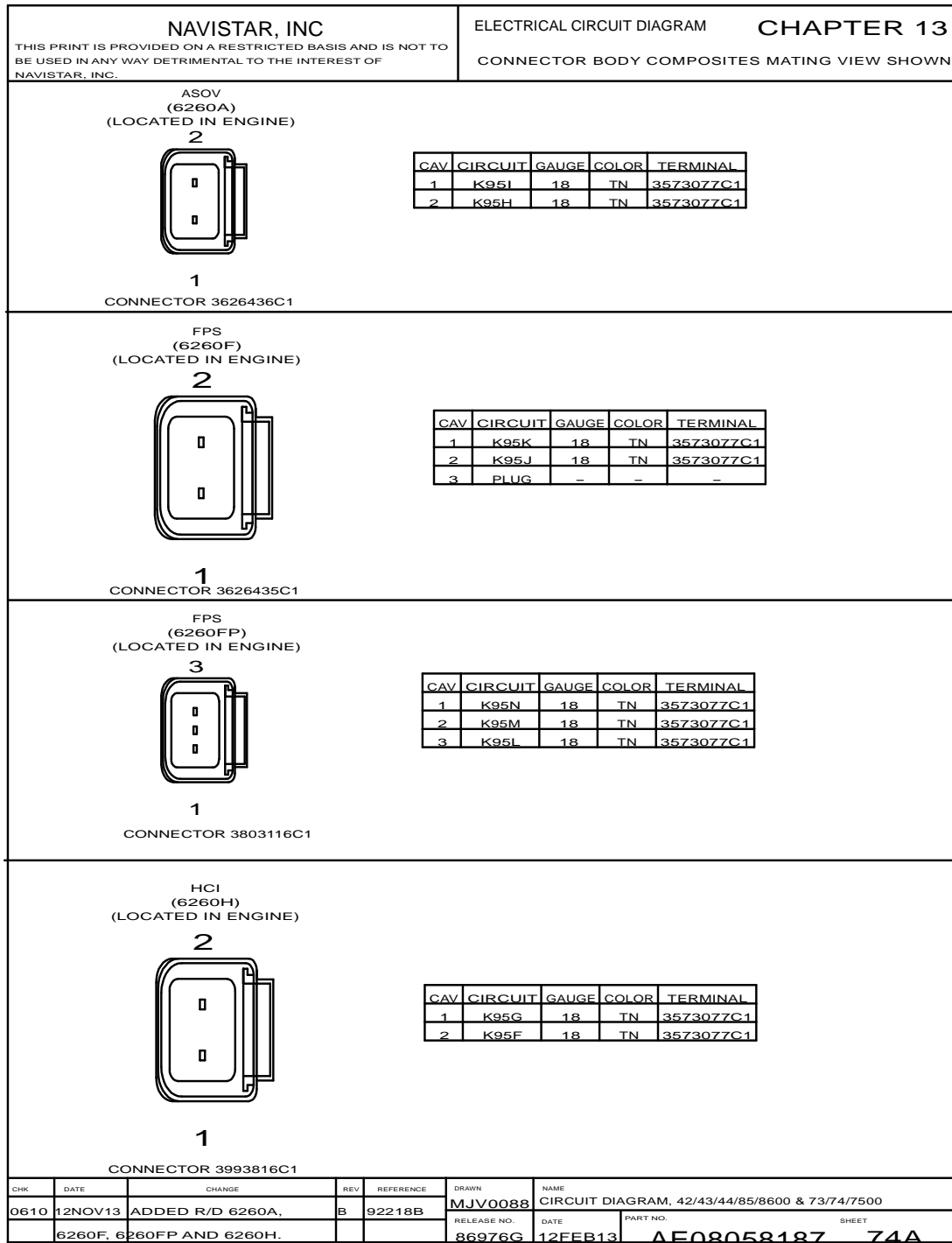


Figure 853 Connector Composites (6260A), (6260F), (6260FP), (6260H)

13.180. CONNECTOR COMPOSITES (6260HL), (6260HR), (6260UC), (6260VH), (6260VL), (6260VM), P. 74B




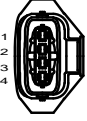
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<p style="text-align: center;">DOCT SENSOR BLACK (6260HL / 6260HR / 6260UC) (LOCATED BY RIGHT FRAME RAIL NEAR TRANSMISSION AREA)</p>																																				
		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95F4</td> <td>18</td> <td>TN</td> <td>3573077C1</td> </tr> <tr> <td>1*</td> <td>K95S4</td> <td>18</td> <td>TN</td> <td>3613771C1</td> </tr> <tr> <td>2</td> <td>K95K</td> <td>18</td> <td>TN</td> <td>3573077C1</td> </tr> <tr> <td>2*</td> <td>K95KK</td> <td>18</td> <td>TN</td> <td>3613771C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95F4	18	TN	3573077C1	1*	K95S4	18	TN	3613771C1	2	K95K	18	TN	3573077C1	2*	K95KK	18	TN	3613771C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																
1	K95F4	18	TN	3573077C1																																
1*	K95S4	18	TN	3613771C1																																
2	K95K	18	TN	3573077C1																																
2*	K95KK	18	TN	3613771C1																																
* W/ V8 ENGINE																																				
<p style="text-align: center;">CONNECTOR 3626435C1</p>																																				
<p style="text-align: center;">HCI INJECTOR (6260VH) (LOCATED AT LEFT SIDE OF ENGINE)</p>																																				
		<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>1</td> <td>K95H</td> <td>18</td> <td>TN</td> <td>3689960C1</td> <td>3623615C1</td> </tr> <tr> <td>2</td> <td>K95J</td> <td>18</td> <td>TN</td> <td>3689960C1</td> <td>3623615C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K95H	18	TN	3689960C1	3623615C1	2	K95J	18	TN	3689960C1	3623615C1												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																															
1	K95H	18	TN	3689960C1	3623615C1																															
2	K95J	18	TN	3689960C1	3623615C1																															
<p style="text-align: center;">CONNECTOR 3690364C1</p>																																				
<p style="text-align: center;">HCI INJECTOR (6260VL) (LOCATED AT LEFT SIDE OF ENGINE)</p>																																				
		<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>1</td> <td>K95K</td> <td>18</td> <td>TN</td> <td>3689960C1</td> <td>3623615C1</td> </tr> <tr> <td>2</td> <td>K95M</td> <td>18</td> <td>TN</td> <td>3689960C1</td> <td>3623615C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K95K	18	TN	3689960C1	3623615C1	2	K95M	18	TN	3689960C1	3623615C1												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																															
1	K95K	18	TN	3689960C1	3623615C1																															
2	K95M	18	TN	3689960C1	3623615C1																															
<p style="text-align: center;">CONNECTOR 3689957C1</p>																																				
<p style="text-align: center;">HCI INJECTOR (6260VM) (LOCATED AT LEFT SIDE OF ENGINE)</p>																																				
		<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>1</td> <td>K95-GE</td> <td>18</td> <td>WH</td> <td>3689959C1</td> <td>3623615C1</td> </tr> <tr> <td>2</td> <td>K95T</td> <td>18</td> <td>TN</td> <td>3689959C1</td> <td>3623615C1</td> </tr> <tr> <td>3</td> <td>K95DC</td> <td>18</td> <td>TN</td> <td>3689959C1</td> <td>3623615C1</td> </tr> <tr> <td>4</td> <td>K95V</td> <td>18</td> <td>TN</td> <td>3689959C1</td> <td>3623615C1</td> </tr> </tbody> </table>					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
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																															
<p style="text-align: center;">CONNECTOR 3689956C1</p>																																				
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																														
0610	12NOV13	INITIAL RELEASE.	A	92218B	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																														
					RELEASE NO.	DATE																														
					92218B	30,JUL 13																														
						PART NO.																														
						AE08058187																														
						SHEET																														
						74B																														

Figure 854 Connector Composites (6260HL), (6260HR), (6260UC), (6260VH), (6260VL), (6260VM)

13.181. CONNECTOR COMPOSITES (6260VN), (6261), (6262), (6263), (6316M), P. 75

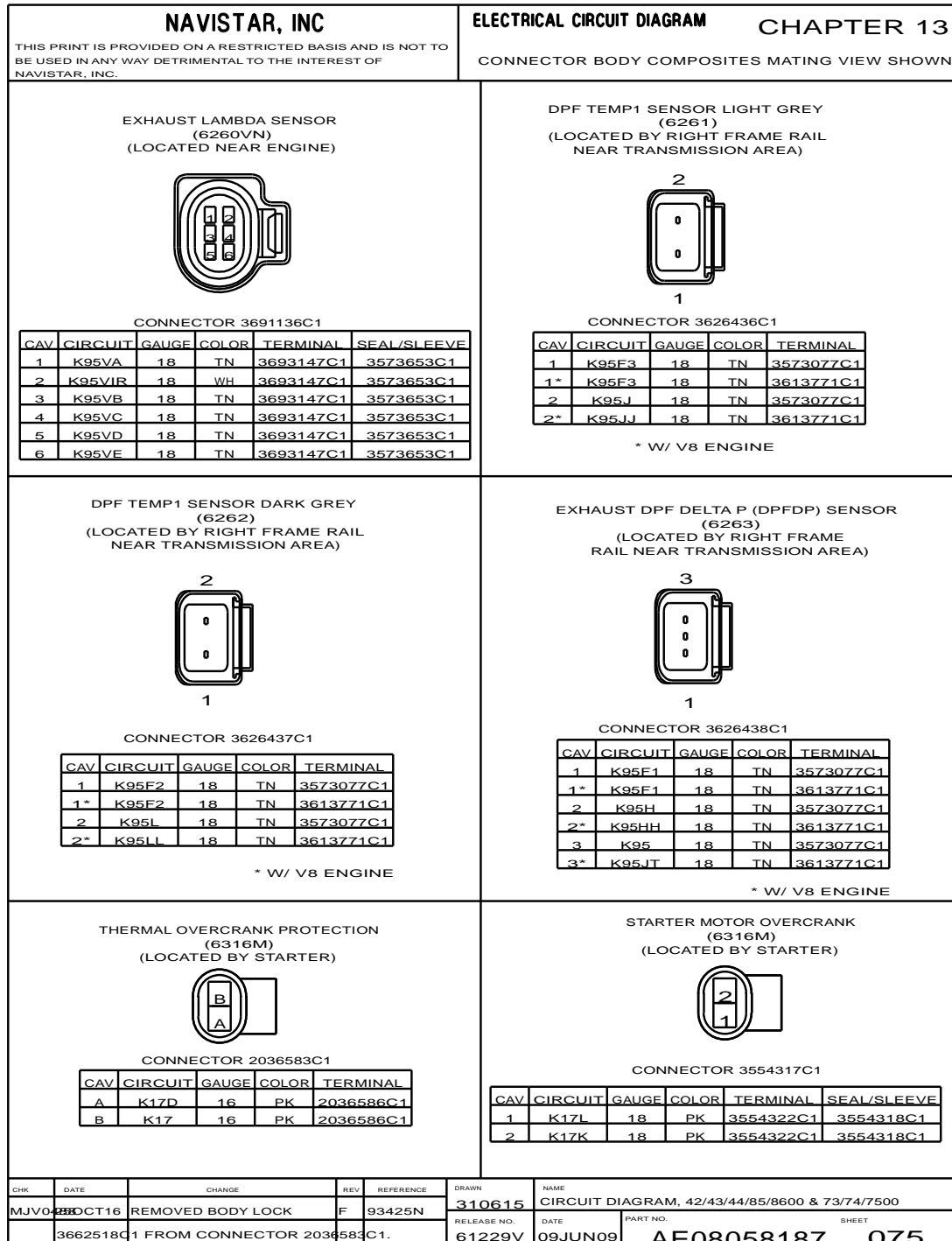


Figure 855 Connector Composites (6260VN), (6261), (6262), (6263), (6316M)

13.182. CONNECTOR COMPOSITES (6323), (6332), (6333), (6334), P. 75A

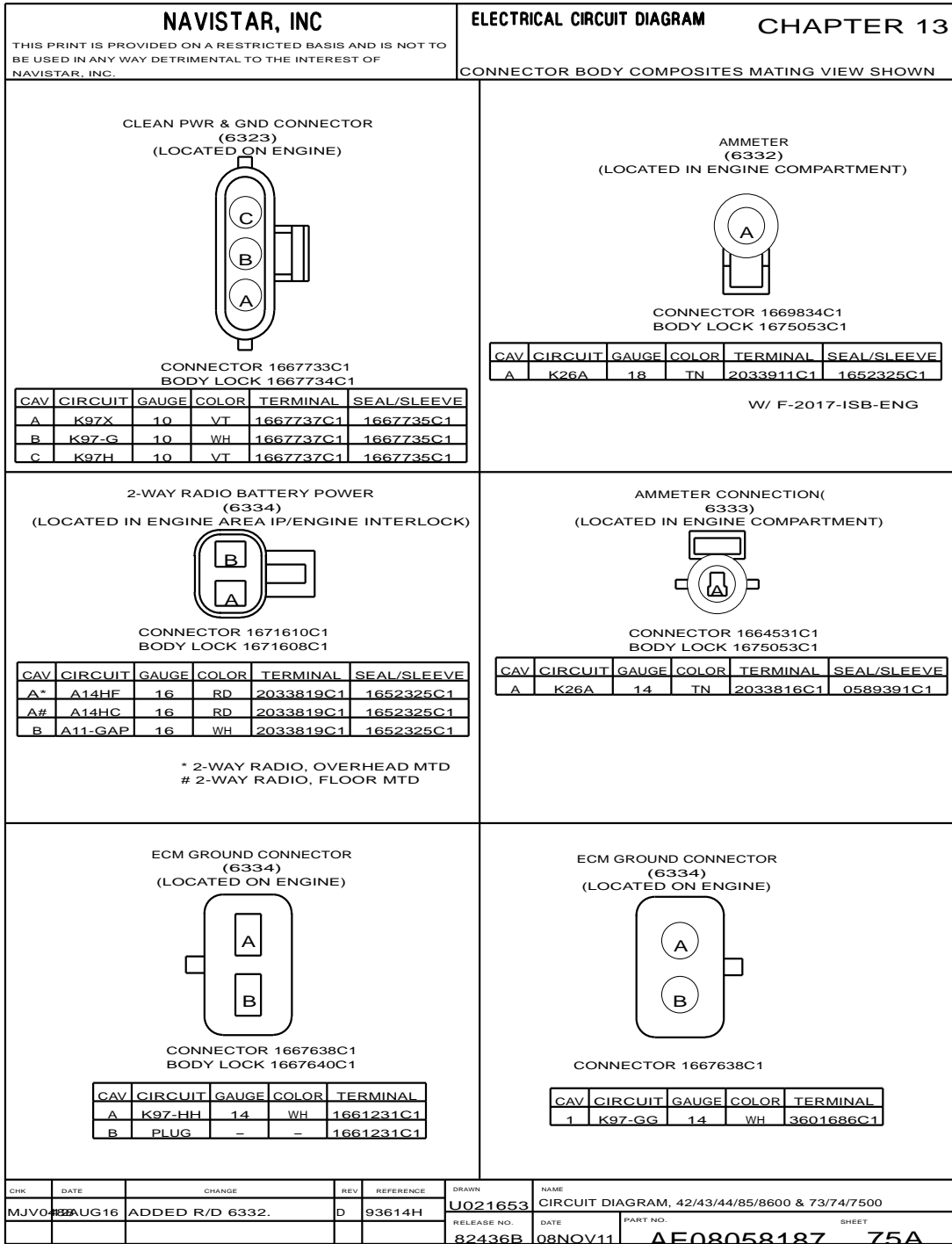


Figure 856 Connector Composites (6323), (6332), (6333), (6334)

13.183. CONNECTOR COMPOSITES (6334), (6340), P. 76

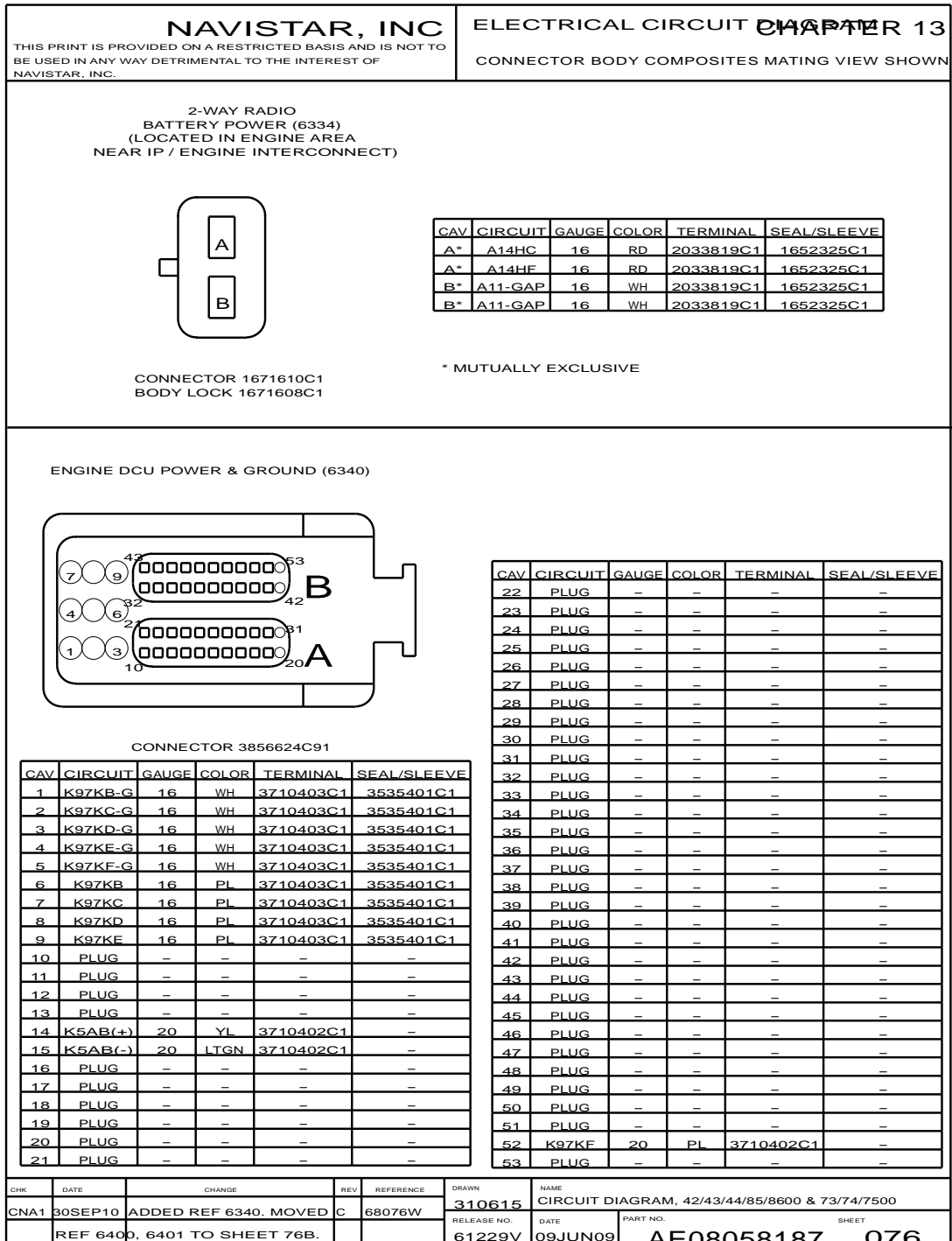


Figure 857 Connector Composites (6334), (6340)

13.184. CONNECTOR COMPOSITES (6341), P. 76A

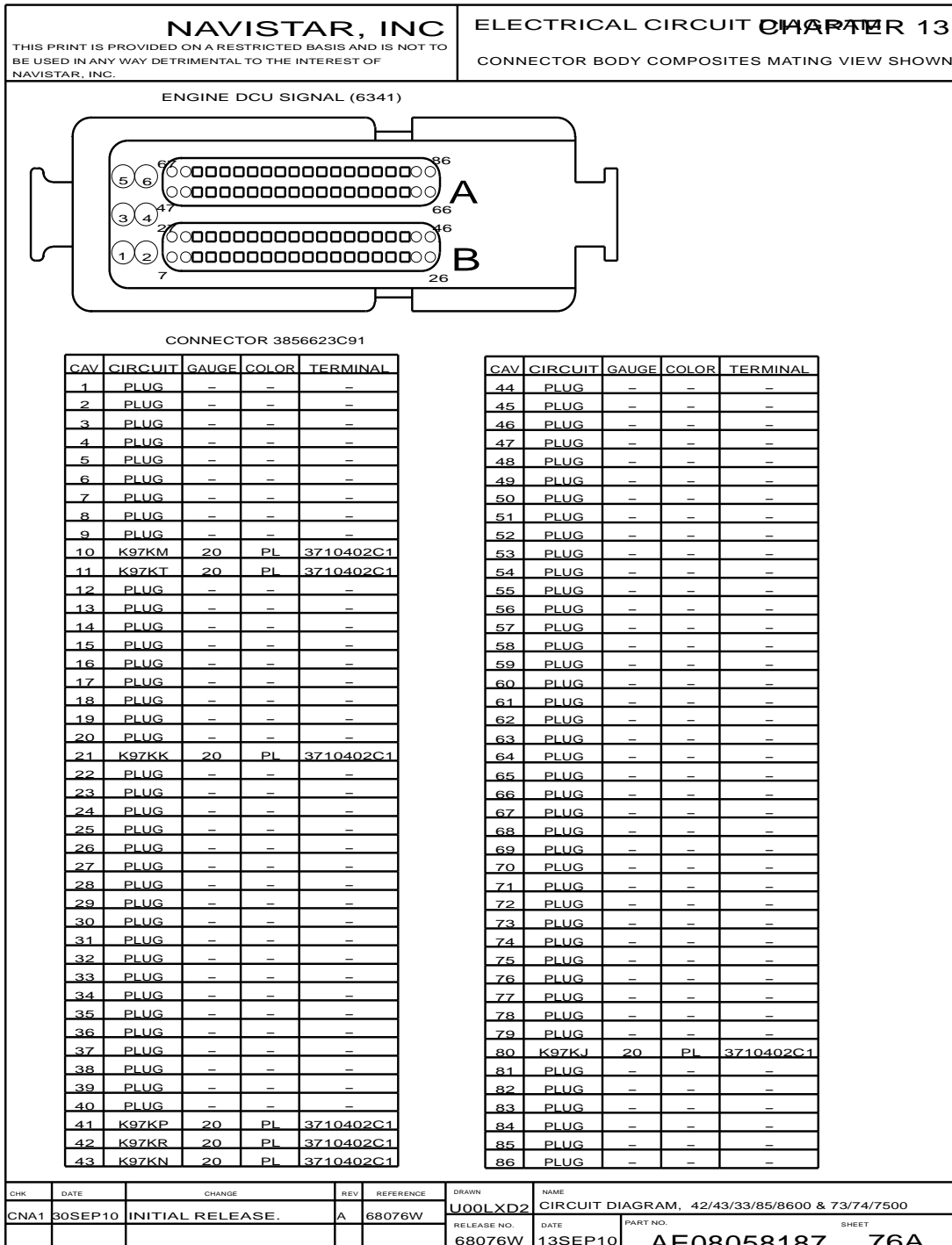


Figure 858 Connector Composites (6341)

13.185. CONNECTOR COMPOSITES (6342), (6343), P. 76B

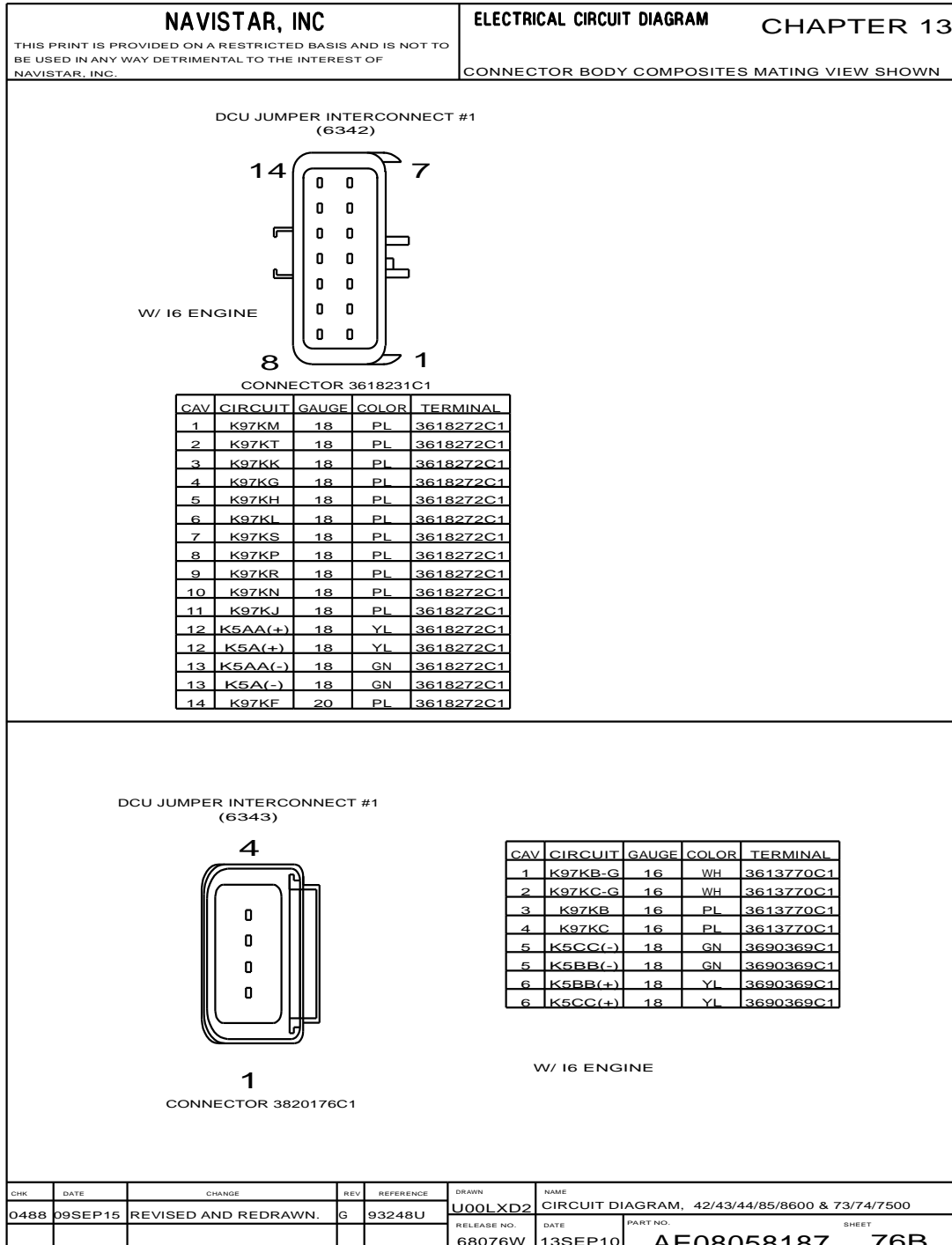


Figure 859 Connector Composites (6342), (6343)

13.186. CONNECTOR COMPOSITES (6400), (6401), (6401A), P. 76C

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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																									
MJV0	13OCT16	REVISED AND REDRAWN.	B	93425N	U00LXD2	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																									
RELEASE NO.		DATE		PART NO.		SHEET																																									
68076W		13SEP10		AE08058187		76C																																									

Figure 860 Connector Composites (6400), (6401), (6401A)

13.187. CONNECTOR COMPOSITES (6400), (6401), (*6401), (6401A), P. 76D

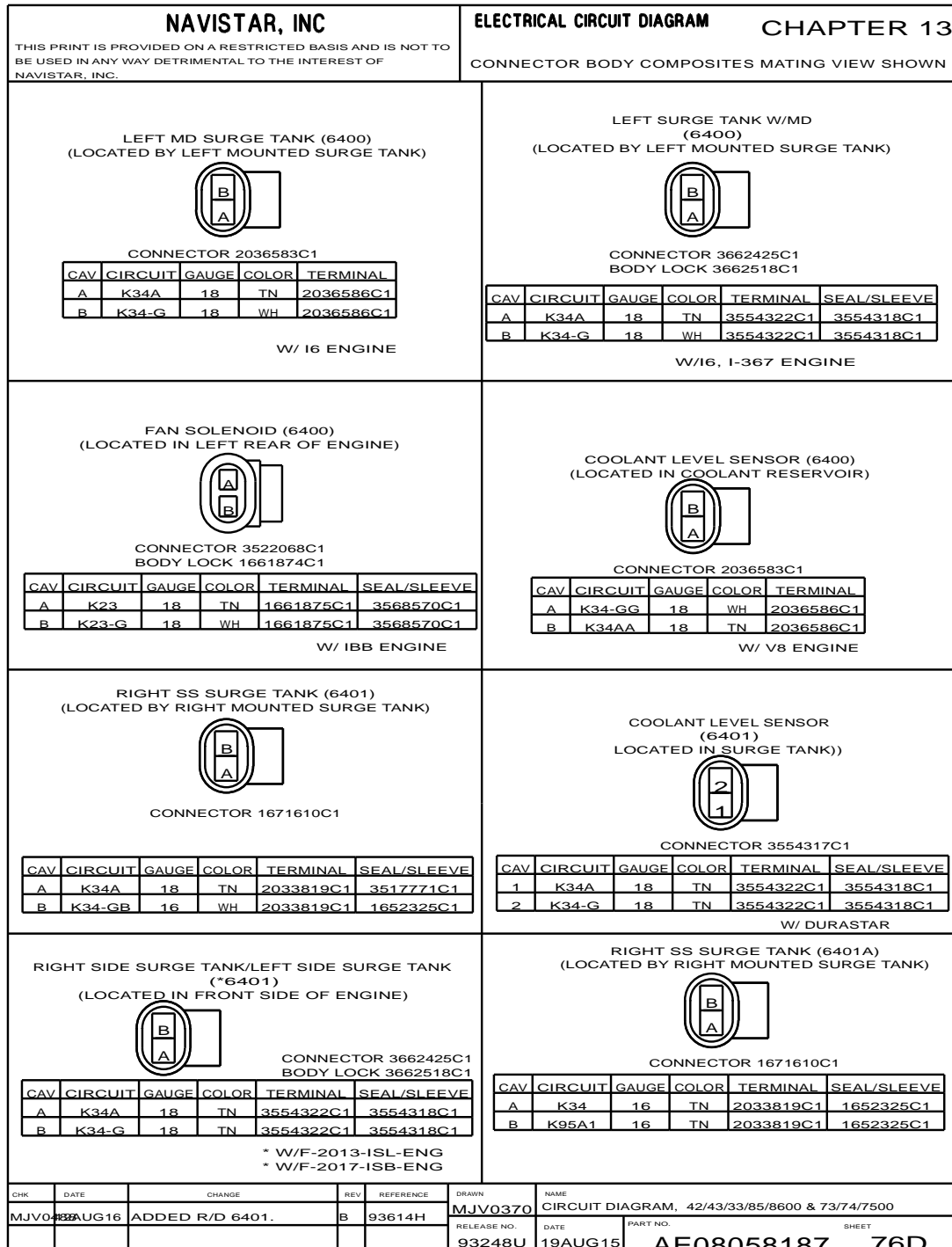


Figure 861 Connector Composites (6400), (6401), (*6401), (6401A)

13.188. CONNECTOR COMPOSITES (6401), (6401 / 6407), (6401M), (6401R), (6406M), (6408), (6420), P. 77

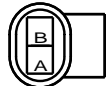


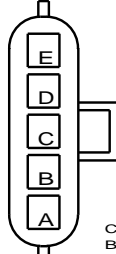
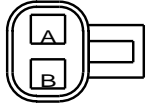
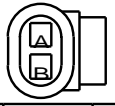


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D	K9B	18	GY	2033819C1	3517771C1																																																						
E	K34B	16	TN	2033819C1	1652325C1																																																						
<p style="text-align: center;">AC CLUTCH 1 (6406M) (LOCATED NEAR TOP RIGHT FORWARD CORNER OF ENGINE)</p>  <p style="text-align: center;">CONNECTOR 3522068C1 BODY LOCK 1661874C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K23A</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>K23G</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B*</td> <td>K23-G</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table> <p style="text-align: center;">* W/ 16 2010 SCR ENGINE</p>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K23A	18	TN	1661875C1	1661872C1	B	K23G	18	WH	1661875C1	1661872C1	B*	K23-G	18	WH	1661875C1	3568570C1	<p style="text-align: center;">LOW COOLANT SENDER L/S (6408) (LOCATED ON ENGINE COMPARTMENT)</p>  <p style="text-align: center;">CONNECTOR 3662425C1 BODY LOCK 3662518C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K34D</td> <td>18</td> <td>TN</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>B</td> <td>K34B</td> <td>18</td> <td>TN</td> <td>3554322C1</td> <td>3554318C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	A	K34D	18	TN	3554322C1	3554318C1	B	K34B	18	TN	3554322C1	3554318C1												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																						
A	K23A	18	TN	1661875C1	1661872C1																																																						
B	K23G	18	WH	1661875C1	1661872C1																																																						
B*	K23-G	18	WH	1661875C1	3568570C1																																																						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV																																																						
A	K34D	18	TN	3554322C1	3554318C1																																																						
B	K34B	18	TN	3554322C1	3554318C1																																																						
<p style="text-align: center;">VARIABLE SPEED FAN (6420) (LOCATED ON CAB)</p>  <p style="text-align: center;">CONNECTOR 3579124C1 BODY LOCK 3579126C1</p>		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>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> <p style="text-align: center;">W/ IBB ENGINE</p>				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																			
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																																																							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																					
MJVO	OCT16	REVISED AND REDRAWN.	H	93425N	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																					
RELEASE NO.	DATE	PART NO.	SHEET																																																								
61229V	09 JUN 09	AE08058187	077																																																								

Figure 862 Connector Composites (6401), (6401 / 6407), (6401M), (6401R), (6406M), (6408), (6420)

13.189. CONNECTOR COMPOSITES (6561), (6566), (*6566), (6567), P. 77A

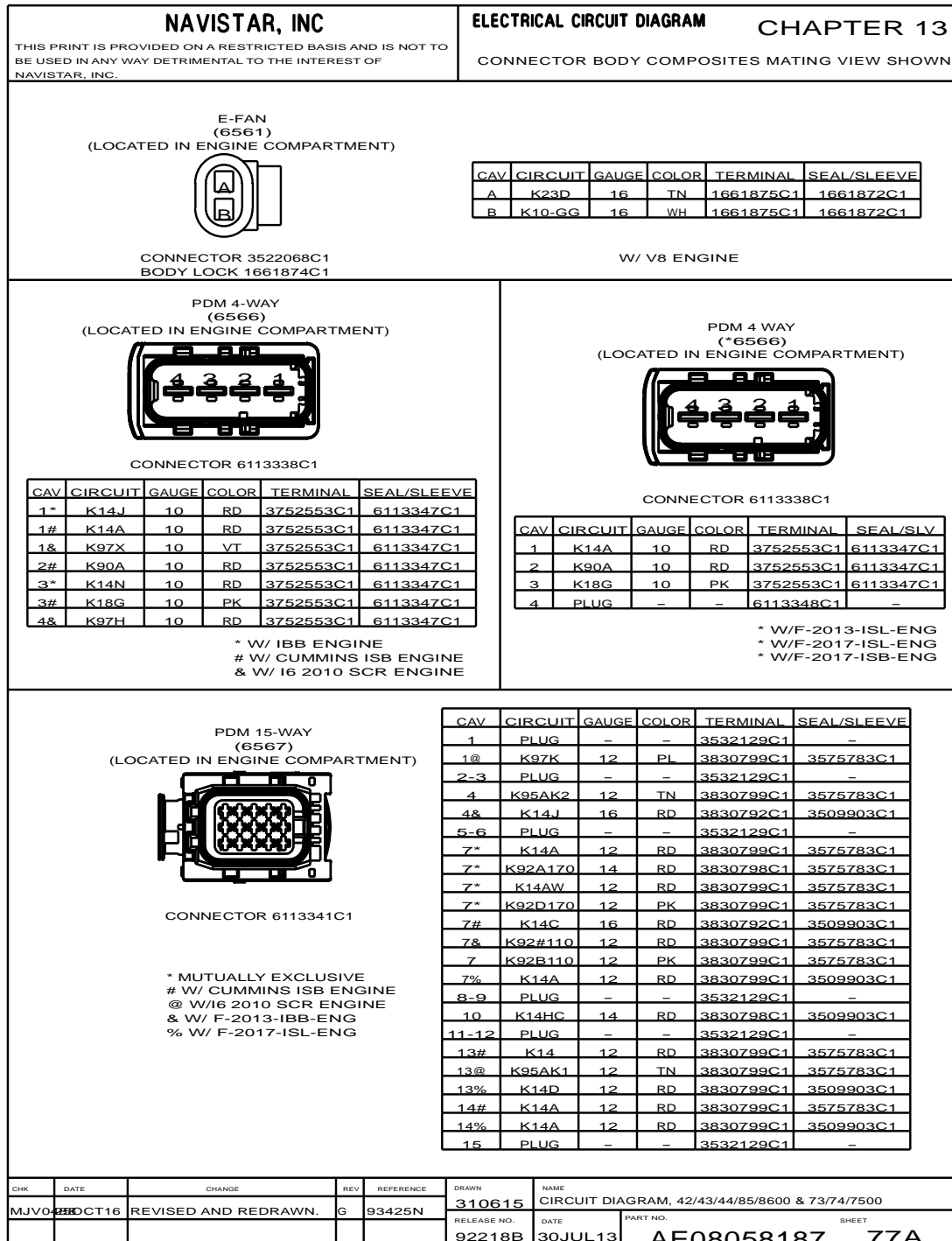
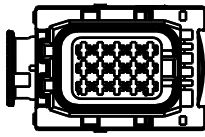


Figure 863 Connector Composites (6561), (6566), (*6566), (6567)

13.190. CONNECTOR COMPOSITES (6567), (6568), (6569), P. 77B

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PDM 15 WAY
(6567)
(LOCATED IN ENGINE COMPARTMENT)

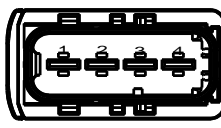


CONNECTOR 6113341C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	PLUG	-	-	3532129C1	-
2	PLUG	-	-	3532129C1	-
3	PLUG	-	-	3532129C1	-
4	K14J	16	RD	3830792C1	3509903C1
5	PLUG	-	-	3532129C1	-
6	PLUG	-	-	3532129C1	-
7	K14AW	12	RD	3830799C1	3575783C1
7*	K14C	16	RD	3830792C1	3509903C1
7@	K14A	12	RD	3830799C1	3575783C1
8	PLUG	-	-	3532129C1	-
9	PLUG	-	-	3532129C1	-
10	K14B	16	RD	3830792C1	3509903C1
11	PLUG	-	-	3532129C1	-
12	PLUG	-	-	3532129C1	-
13	K14A	12	RD	3830799C1	3575783C1
14	K14A	12	RD	3830799C1	3575783C1
15	PLUG	-	-	3532129C1	-

W/ F-2017-ISB-ENG
* EATON EPS W/P.T.O, N/PP, W/PUSH BUTTON
@ ALLISON 1000-2000 TRANSMISSION

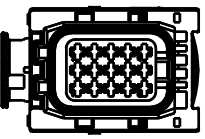
PDM 4-WAY
(6568)
(LOCATED IN ENGINE COMPARTMENT)



CONNECTOR 6113338C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	K14J	10	RD	3752553C1	6113347C1
2	-	-	-	-	-
3	K14N	10	RD	3752553C1	6113347C1
4	-	-	-	-	-

PDM 15-WAY
(6569)
(LOCATED IN ENGINE COMPARTMENT)



CONNECTOR 6113341C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	-	-	-	-	-
3	-	-	-	-	-
4	K95AK1	12	TN	3830799C1	3575783C1
5	-	-	-	-	-
6	-	-	-	-	-
7	K14A	12	RD	3830799C1	3575783C1
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	K95AK2	12	RD	3830799C1	3575783C1
14	-	-	-	-	-
15	-	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJV0195	16AUG16	ADDED R/D 6567.	B	93614H	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					92218B	30JUL13
					PART NO.	SHEET
					AE08058187	77B

Figure 864 Connector Composites (6567), (6568), (6569)

13.191. CONNECTOR COMPOSITES (6702), (6703), (6703A), (6704), P. 78

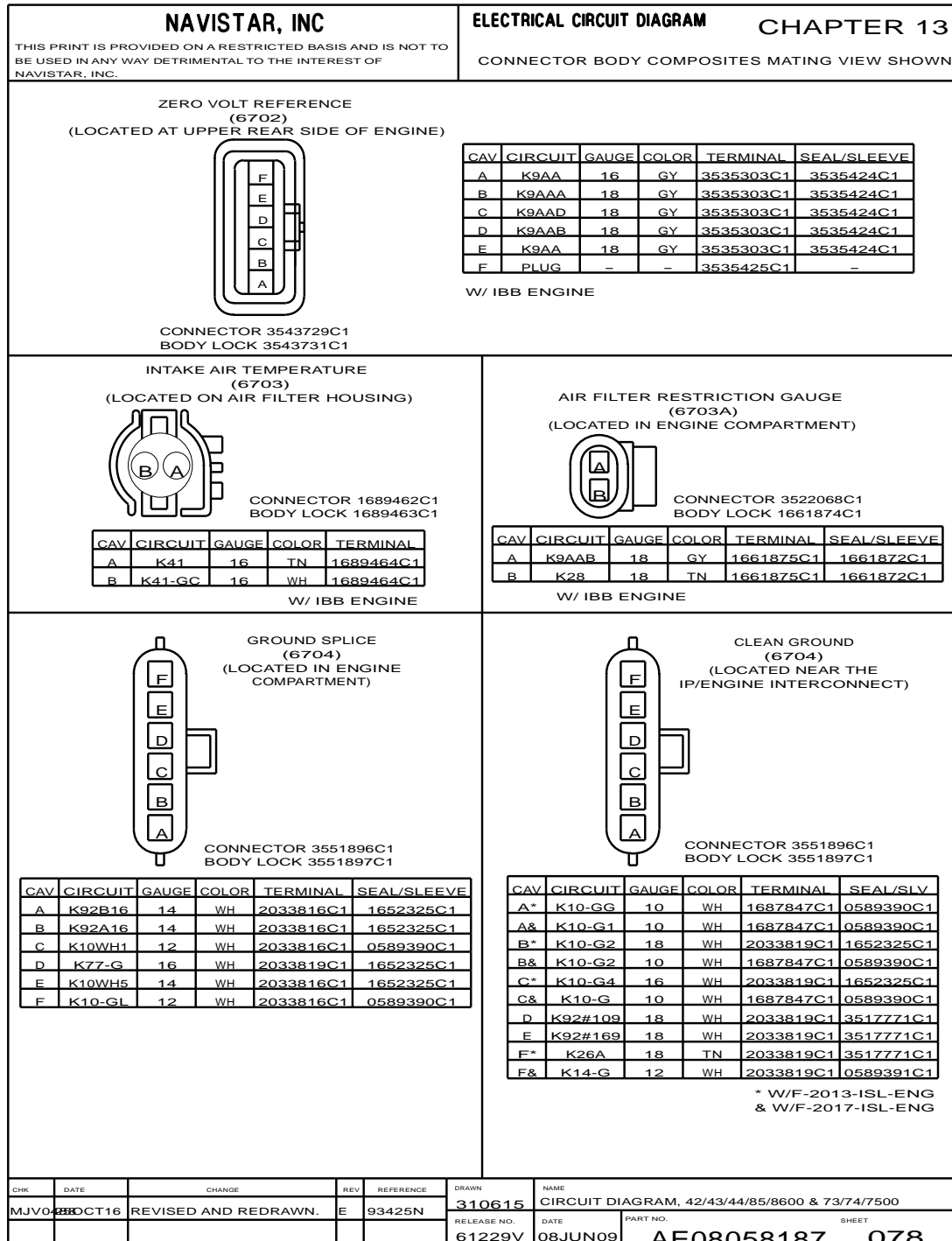


Figure 865 Connector Composites (6702), (6703), (6703A), (6704)

13.192. CONNECTOR COMPOSITES (6704M), (6704), (6709), (6710), P. 79

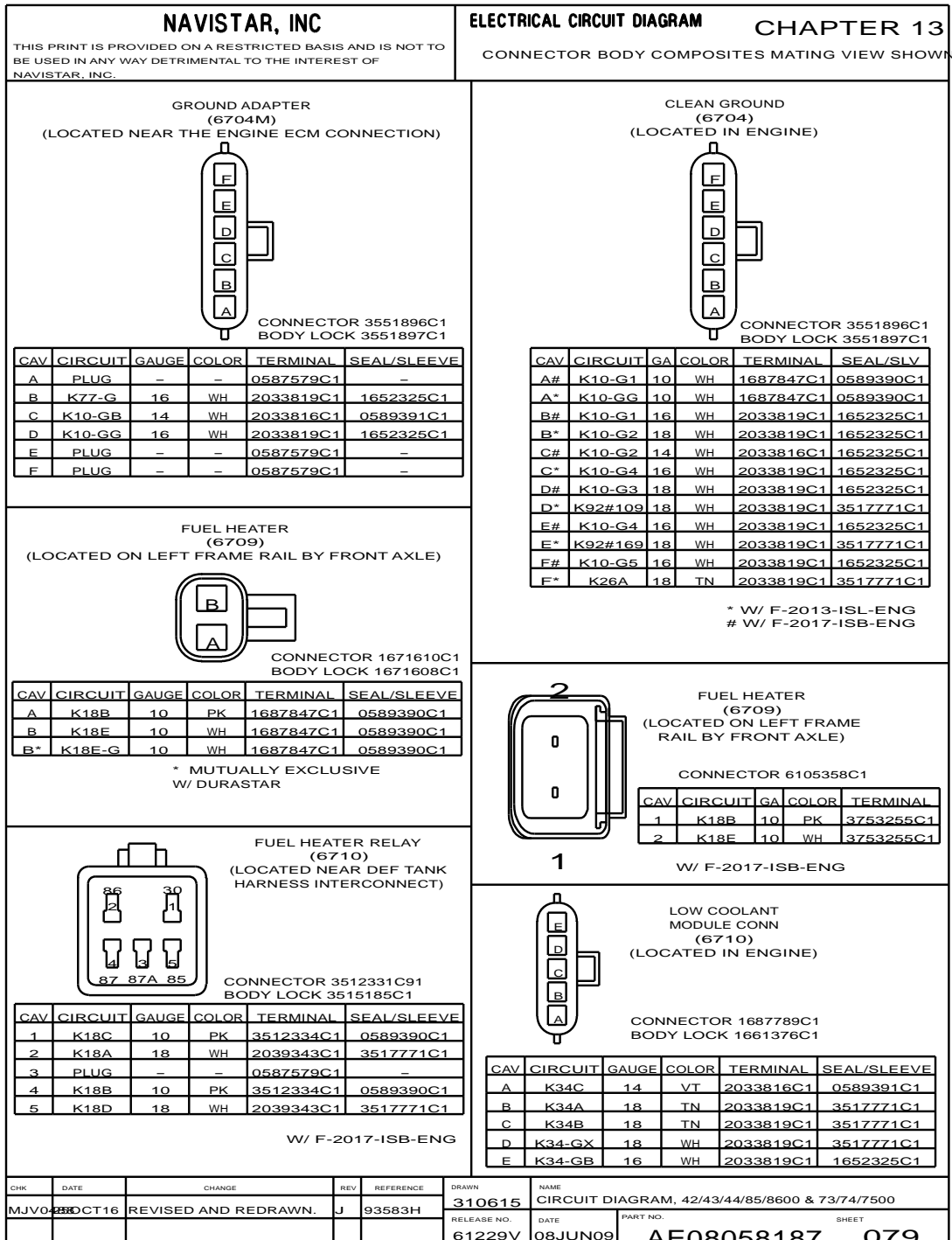


Figure 866 Connector Composites (6704M), (6704), (6709), (6710)

13.193. CONNECTOR COMPOSITES (6712), (6713), (6715), P. 79A

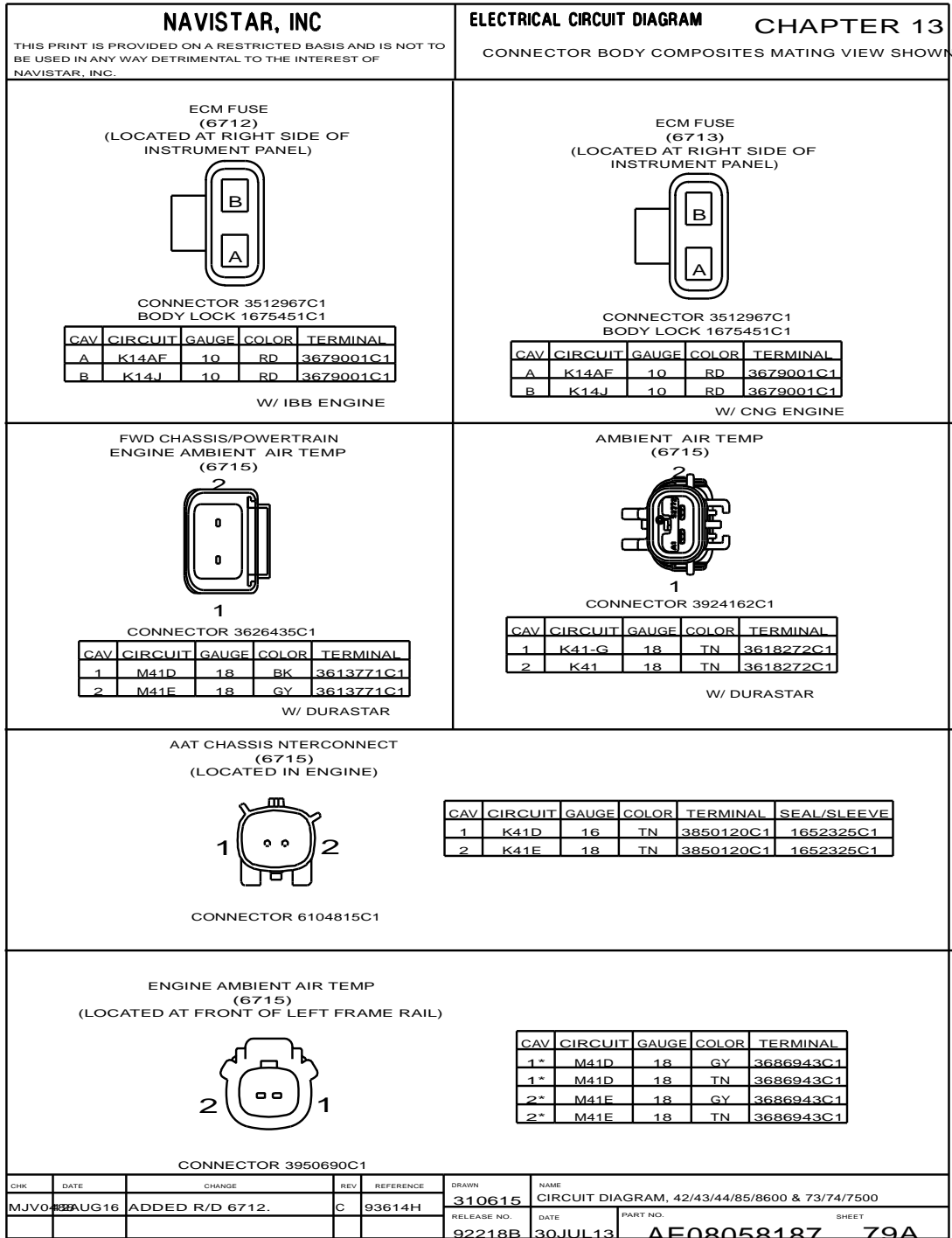


Figure 867 Connector Composites (6712), (6713), (6715)

13.194. CONNECTOR COMPOSITES (6720), (6730), (6747), P. 80

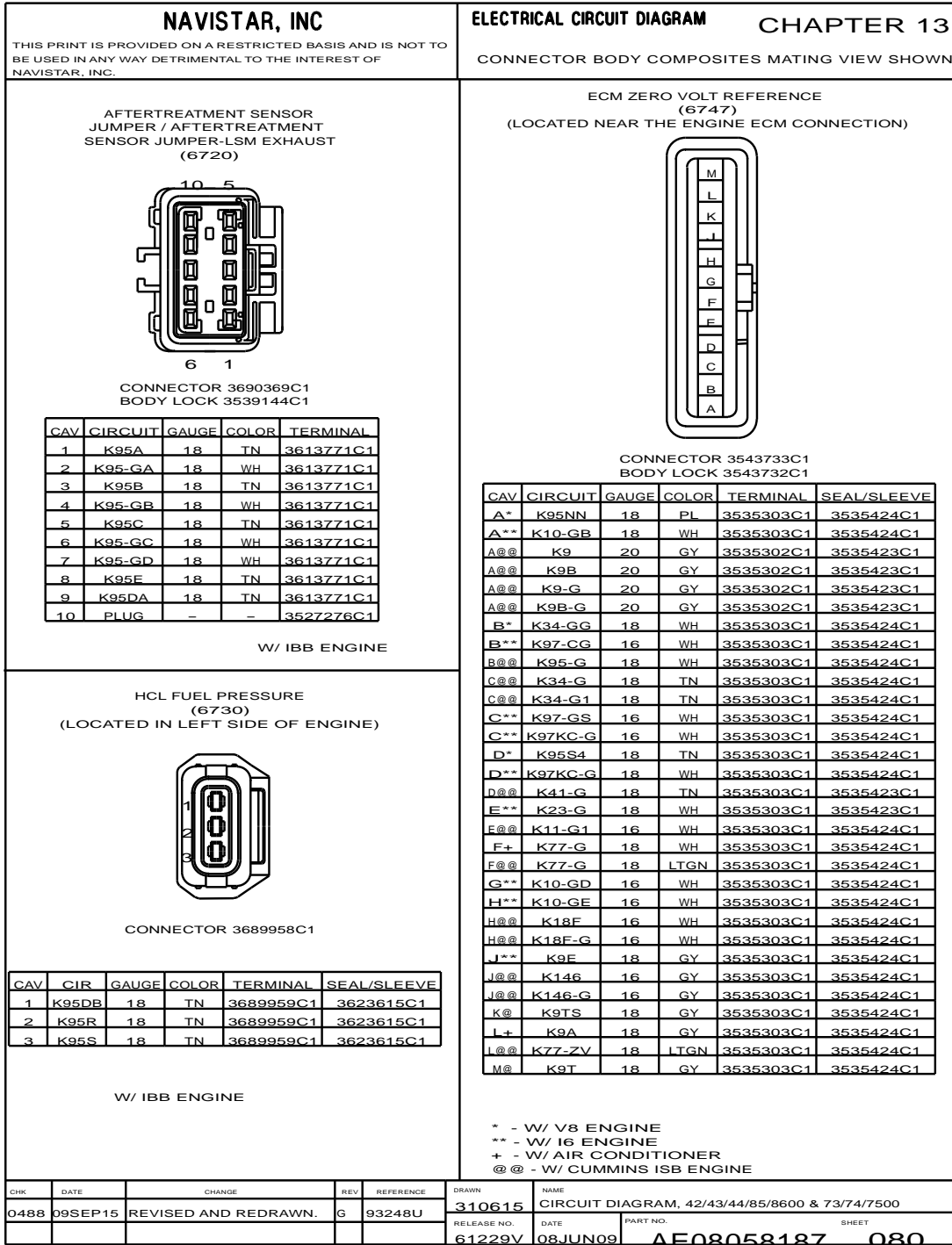


Figure 868 Connector Composites (6720), (6730), (6747)

13.195. CONNECTOR COMPOSITES (6747), (*6747), (6748), (6800), (6801), P. 80A

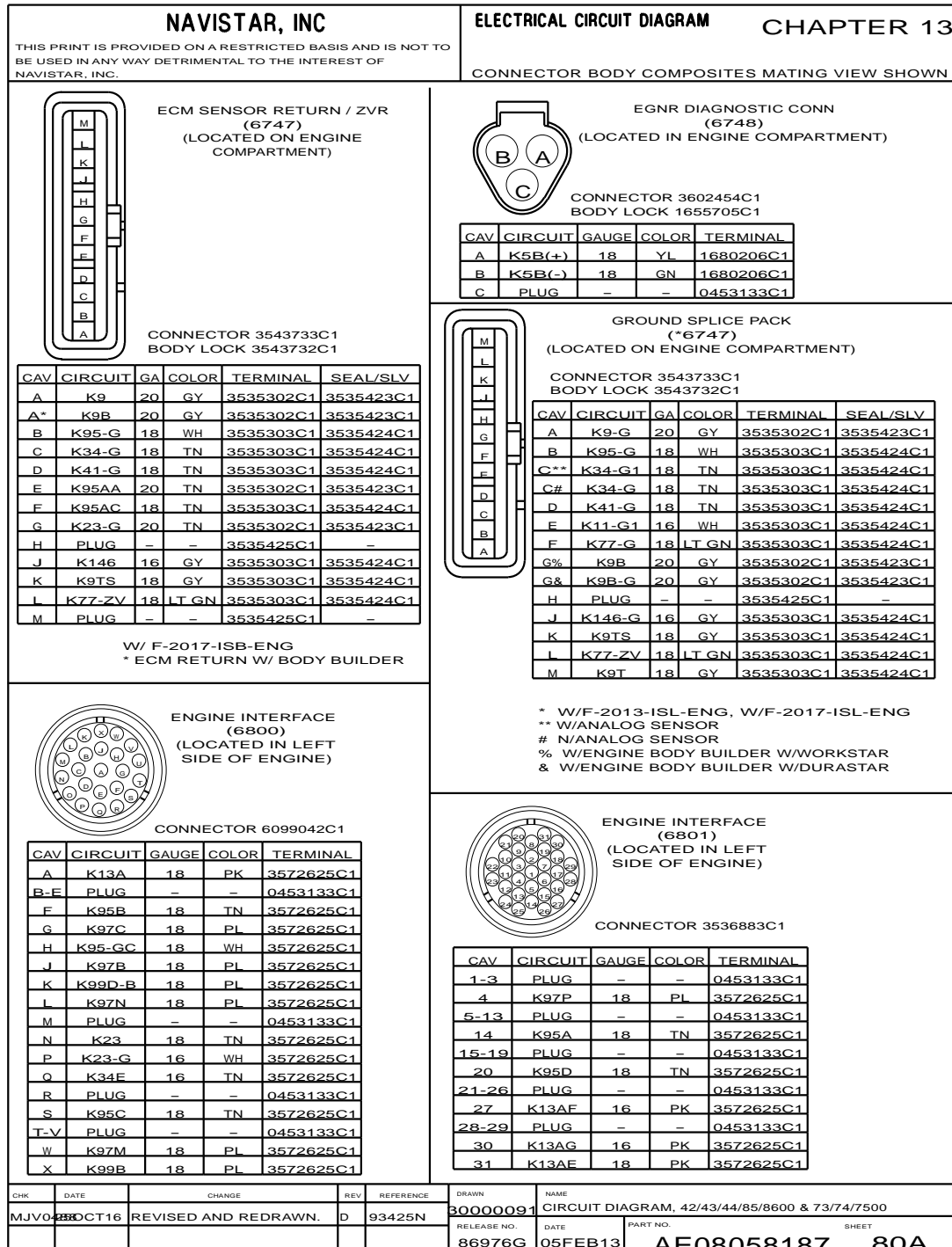


Figure 869 Connector Composites (6747), (*6747), (6748), (6800), (6801)

13.196. CONNECTOR COMPOSITES (6802), (6803), (6804), (6805), (6811), (6812), (6900), P. 80B

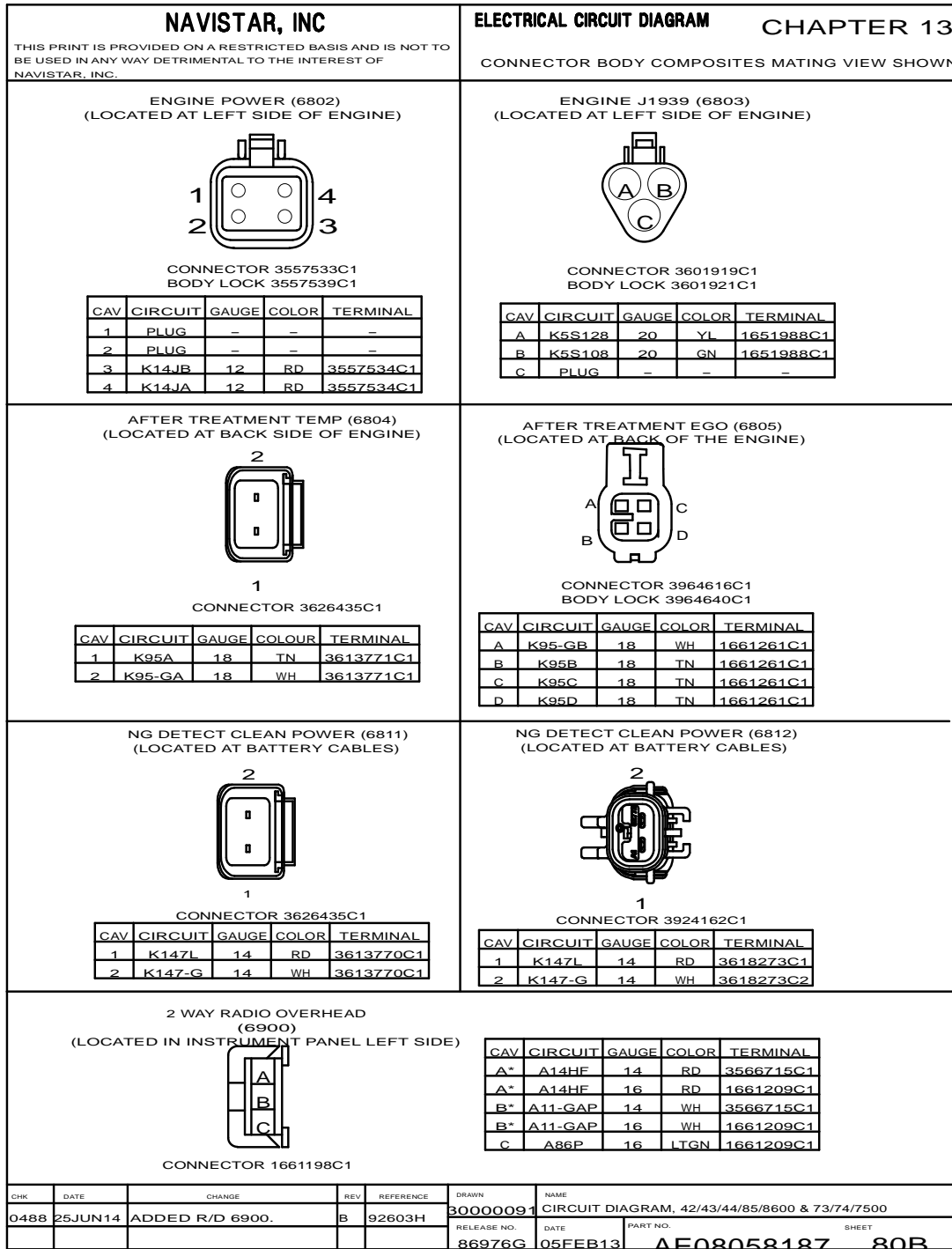


Figure 870 Connector Composites (6802), (6803), (6804), (6805), (6811), (6812), (6900)

13.197. CONNECTOR COMPOSITES (6901), (6925), (6969), (7070), P. 81

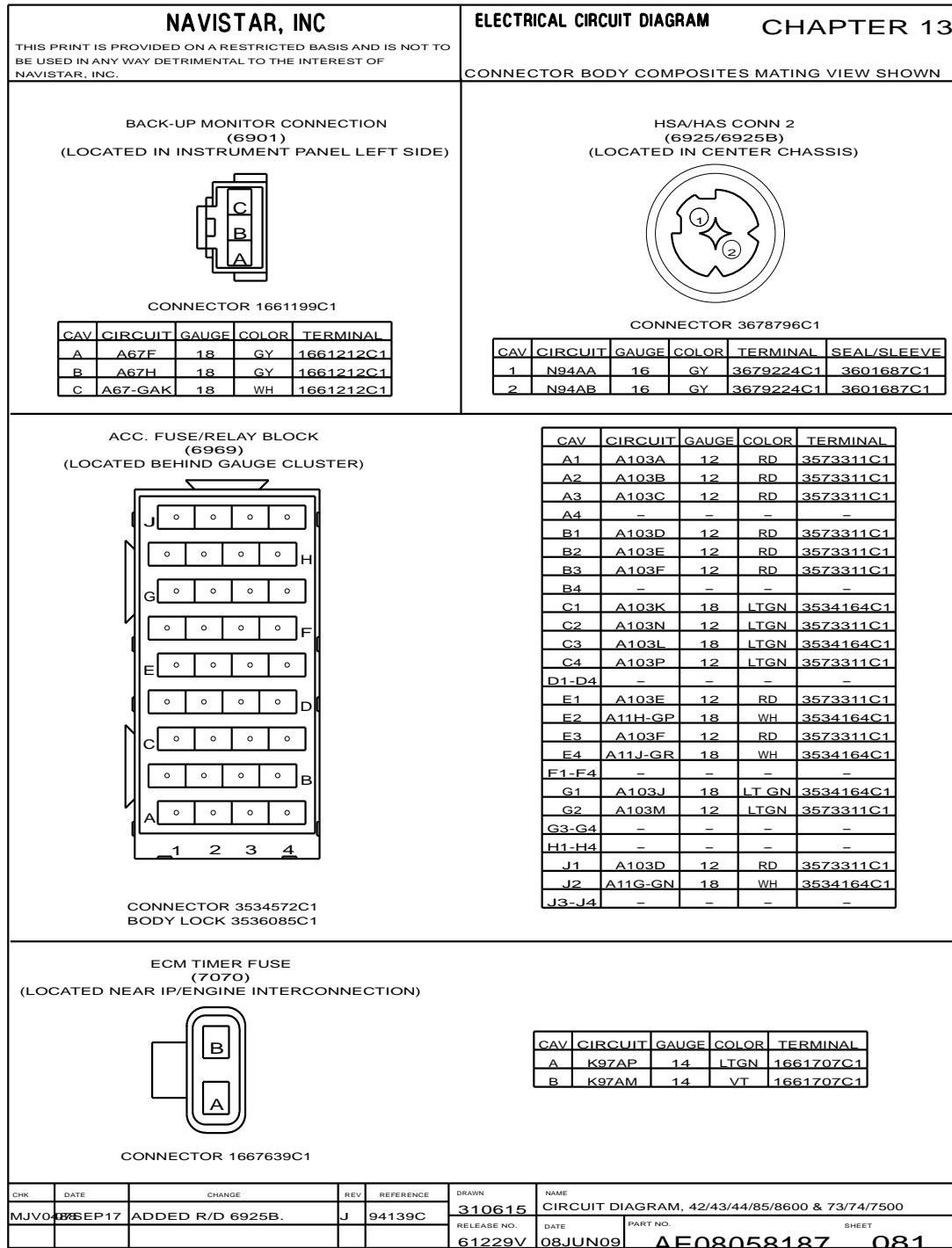


Figure 871 Connector Composites (6901), (6925), (6969), (7070)

13.198. CONNECTOR COMPOSITES (*7103M), (7103M), P. 81A



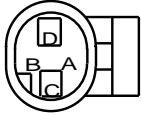
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																																	
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<p>TWO SPEED AXLE BOOT CONNECTOR (*7103M) (LOCATED NEAR TRANSMISSION SHIFT TOWER)</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>CONNECTOR 1661198C1</p> </div> <table border="1" style="border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K93</td> <td>18</td> <td>TN</td> <td>1661208C1</td> </tr> <tr> <td>B</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>K9TS</td> <td>18</td> <td>GY</td> <td>1661208C1</td> </tr> </tbody> </table> <div style="text-align: center; font-size: x-small;"> <p>* W/ F-2013-ISL-ENG * W/ F-2017-ISB-ENG * W/ F-2017-ISL-ENG</p> </div> </div>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K93	18	TN	1661208C1	B	-	-	-	-	C	K9TS	18	GY	1661208C1										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																					
A	K93	18	TN	1661208C1																																					
B	-	-	-	-																																					
C	K9TS	18	GY	1661208C1																																					
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																					
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B	-	-	-	-																																					
C	L93G	18	TN	1661208C1																																					
<p>2-AXLE SPEED SWITCH CONNECTOR (7103M) (LOCATED NEAR TRANSMISSION SHIFT TOWER)</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>CONNECTOR 1661777C1 BODY LOCK 1661873C1</p> </div> <table border="1" style="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>PLUG</td> <td>-</td> <td>-</td> <td>2025431C1</td> <td>N/A</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>2025431C1</td> <td>N/A</td> </tr> <tr> <td>C*</td> <td>K93A</td> <td>20</td> <td>LTBL</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>D*</td> <td>K9EA</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table> <div style="text-align: center; font-size: x-small;"> <p>*W/I6 ENGINE</p> </div> </div>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	PLUG	-	-	2025431C1	N/A	B	PLUG	-	-	2025431C1	N/A	C*	K93A	20	LTBL	1661875C1	3568570C1	D*	K9EA	18	TN	1661875C1	3568570C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																				
A	PLUG	-	-	2025431C1	N/A																																				
B	PLUG	-	-	2025431C1	N/A																																				
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D*	K9EA	18	TN	1661875C1	3568570C1																																				
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																			
MJVO	23 OCT 16	REVISED AND REDRAWN.	D	93425N	MJVO195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																			
RELEASE NO.		DATE		PART NO.		SHEET																																			
92218B		30 JUL 13		AE08058187		81A																																			

Figure 872 Connector Composites (*7103M), (7103M)

13.199. CONNECTOR COMPOSITES (7104B), (7104F), (7105), P. 82

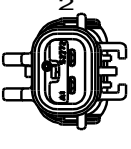
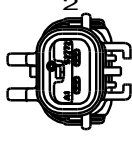
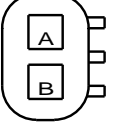
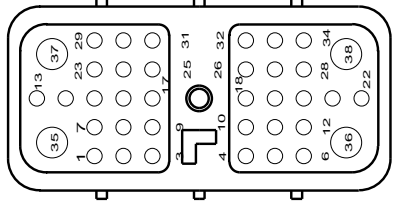
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TRANSMISSION CLEAN GROUND (7104F) (LOCATED BY STARTER)				TRANSMISSION CLEAN GROUND (7104B) (LOCATED BY STARTER)																																																																																																																																												
																																																																																																																																																
CONNECTOR 3924162C1 (W/ IBB ENGINE)				CONNECTOR 3924162C1 (W/2010 SCR 13L ENGINE)																																																																																																																																												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																																																							
1	PLUG	-	-	3573076C1	A	PLUG	-	-	-																																																																																																																																							
2	K92-G	14	WH	3618273C1	B	K92-G	14	WH	3618273C1																																																																																																																																							
					B*	K92-G	12	WH	3612308C1																																																																																																																																							
* W/ ALLISON TC10 TRANSMISSION																																																																																																																																																
TRANSMISSION CLEAN POWER(7104F) FOR XMSN ALLISON MD (WTEC) (LOCATED BY STARTER)				(W/ IBB ENGINE)																																																																																																																																												
				<table border="1" style="font-size: x-small; width: 100%;"> <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>K92A170</td><td>14</td><td>RD</td><td>2033912C1</td><td>0589391C1</td></tr> <tr> <td>B</td><td>K92-G</td><td>14</td><td>WH</td><td>2033912C1</td><td>0589391C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K92A170	14	RD	2033912C1	0589391C1	B	K92-G	14	WH	2033912C1	0589391C1																																																																																																																					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																																																																											
A	K92A170	14	RD	2033912C1	0589391C1																																																																																																																																											
B	K92-G	14	WH	2033912C1	0589391C1																																																																																																																																											
CONNECTOR 1671611C1 BODY LOCK 1671608C1																																																																																																																																																
EATON GEN 3 TCM CONNECTOR (7105) (LOCATED ON LEFT SIDE OF TRANSMISSION)				<table border="1" style="font-size: x-small; width: 100%;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>13</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> <tr><td>14</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> <tr><td>15</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> <tr><td>16</td><td>K92A</td><td>18</td><td>TN</td><td>3555249C1</td></tr> <tr><td>17</td><td>K92B</td><td>18</td><td>TN</td><td>3555249C1</td></tr> <tr><td>18</td><td>K92DP</td><td>18</td><td>TN</td><td>3555249C1</td></tr> <tr><td>19</td><td>K92DL</td><td>16</td><td>TN</td><td>3555249C1</td></tr> <tr><td>20</td><td>K92E</td><td>16</td><td>TN</td><td>3555249C1</td></tr> <tr><td>21</td><td>K92F</td><td>18</td><td>TN</td><td>3555249C1</td></tr> <tr><td>22</td><td>K92H</td><td>18</td><td>TN</td><td>3555249C1</td></tr> <tr><td>23</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> <tr><td>24</td><td>K92</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>25</td><td>K92J</td><td>18</td><td>TN</td><td>3555249C1</td></tr> <tr><td>26</td><td>K17C</td><td>16</td><td>PK</td><td>3555249C1</td></tr> <tr><td>27</td><td>K98GN</td><td></td><td>GN</td><td>3555249C1</td></tr> <tr><td>28</td><td>K98YL</td><td>18</td><td>YL</td><td>3555249C1</td></tr> <tr><td>29</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> <tr><td>30</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> <tr><td>31</td><td>K92ER</td><td>18</td><td>TN</td><td>3555249C1</td></tr> <tr><td>32</td><td>K17B</td><td>18</td><td>PK</td><td>3555249C1</td></tr> <tr><td>33</td><td>K92DM</td><td>16</td><td>TN</td><td>3555249C1</td></tr> <tr><td>34</td><td>K92DR</td><td>18</td><td>TN</td><td>3555249C1</td></tr> <tr><td>35</td><td>K13A</td><td>14</td><td>PK</td><td>3557534C1</td></tr> <tr><td>36</td><td>K10-GE</td><td>12</td><td>WH</td><td>3557534C1</td></tr> <tr><td>37</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> <tr><td>38</td><td>K14A</td><td>12</td><td>RD</td><td>3557534C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	13	PLUG	-	-	3527276C1	14	PLUG	-	-	3527276C1	15	PLUG	-	-	3527276C1	16	K92A	18	TN	3555249C1	17	K92B	18	TN	3555249C1	18	K92DP	18	TN	3555249C1	19	K92DL	16	TN	3555249C1	20	K92E	16	TN	3555249C1	21	K92F	18	TN	3555249C1	22	K92H	18	TN	3555249C1	23	PLUG	-	-	3527276C1	24	K92	18	TN	3518963C1	25	K92J	18	TN	3555249C1	26	K17C	16	PK	3555249C1	27	K98GN		GN	3555249C1	28	K98YL	18	YL	3555249C1	29	PLUG	-	-	3527276C1	30	PLUG	-	-	3527276C1	31	K92ER	18	TN	3555249C1	32	K17B	18	PK	3555249C1	33	K92DM	16	TN	3555249C1	34	K92DR	18	TN	3555249C1	35	K13A	14	PK	3557534C1	36	K10-GE	12	WH	3557534C1	37	PLUG	-	-	3527276C1	38	K14A	12	RD	3557534C1
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Figure 873 Connector Composites (7104B), (7104F), (7105)

13.200. CONNECTOR COMPOSITES (7105), (7106), (7107), P. 82A

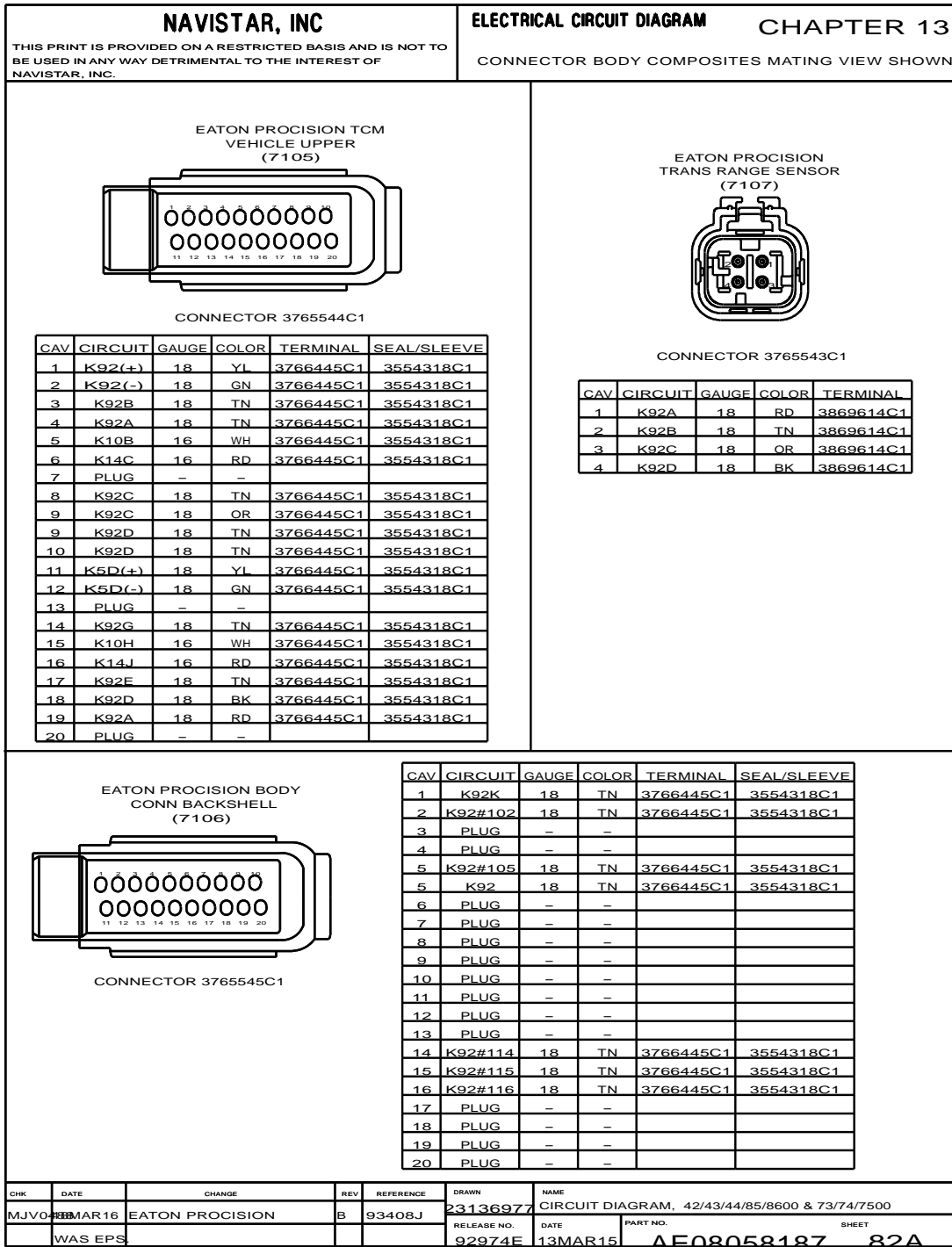


Figure 874 Connector Composites (7105), (7106), (7107)

13.201. CONNECTOR COMPOSITES (7110 / 7110A), (7110B), (7111), (7112), (*7112), (7113), P. 83

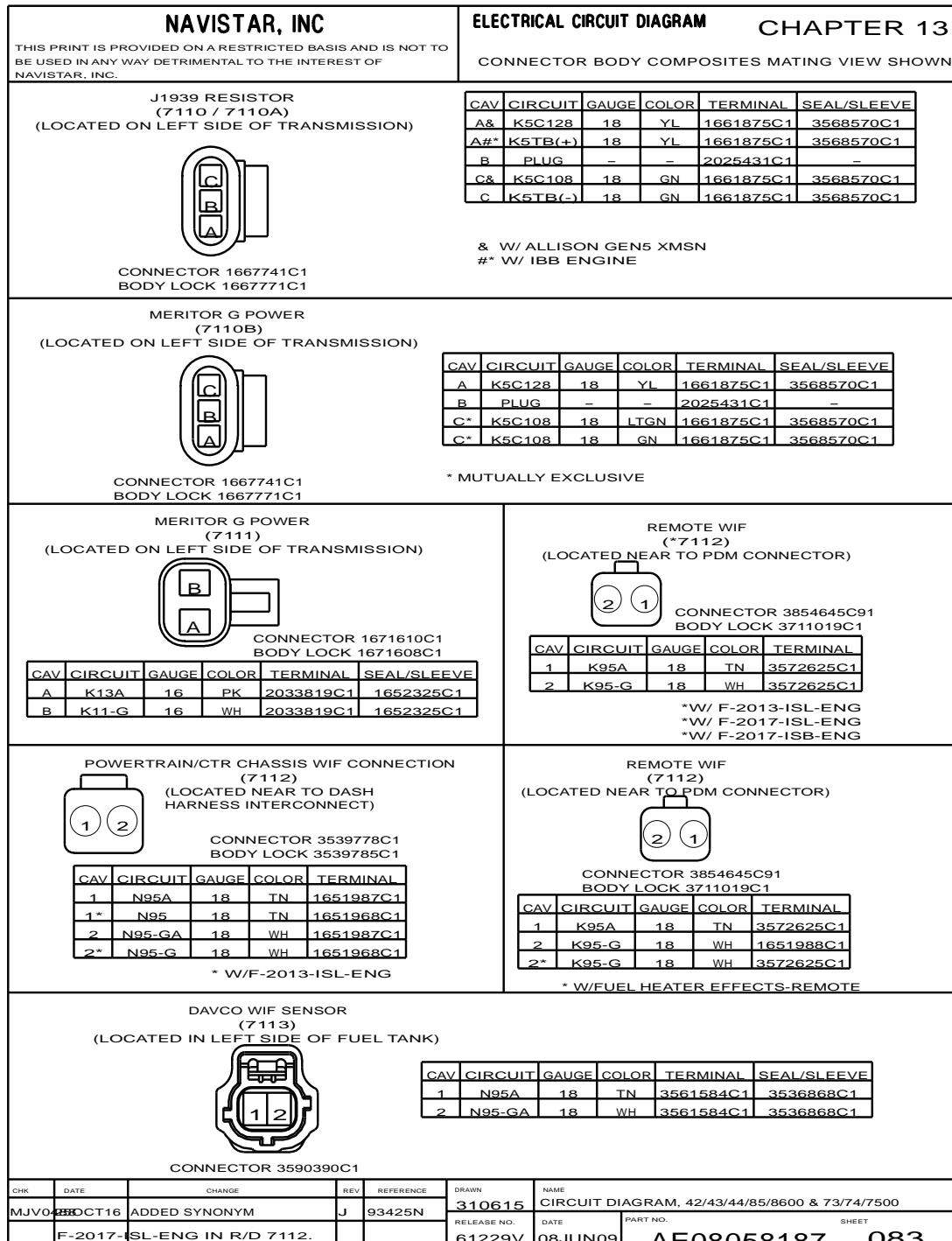


Figure 875 Connector Composites (7110 / 7110A), (7110B), (7111), (7112), (*7112), (7113)

13.202. CONNECTOR COMPOSITES (7113), (7113A / 7113C / 7113E / 7113F / 7113G), (7113A / 7113B / 7113D / 7113E / 7113F), P. 83A

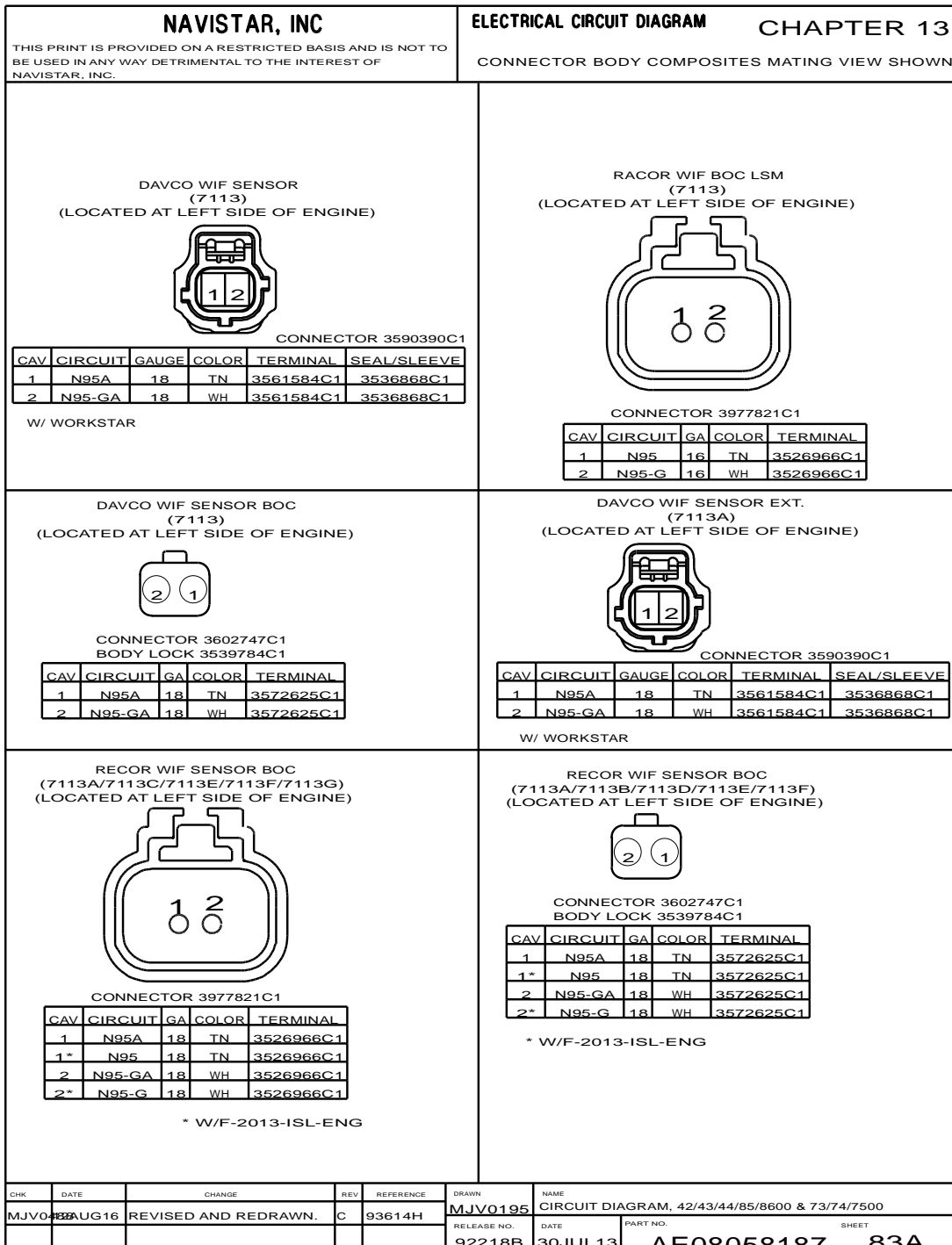


Figure 876 Connector Composites (7113), (7113A / 7113C / 7113E / 7113F / 7113G), (7113A / 7113B / 7113D / 7113E / 7113F)

13.203. CONNECTOR COMPOSITES (7113B / 7113D / 7113F / 7113H / 7113K / 7113M), (7113C / 7113E / 7113G / 7113J / 7113L / 7113P), (7114), P. 83B

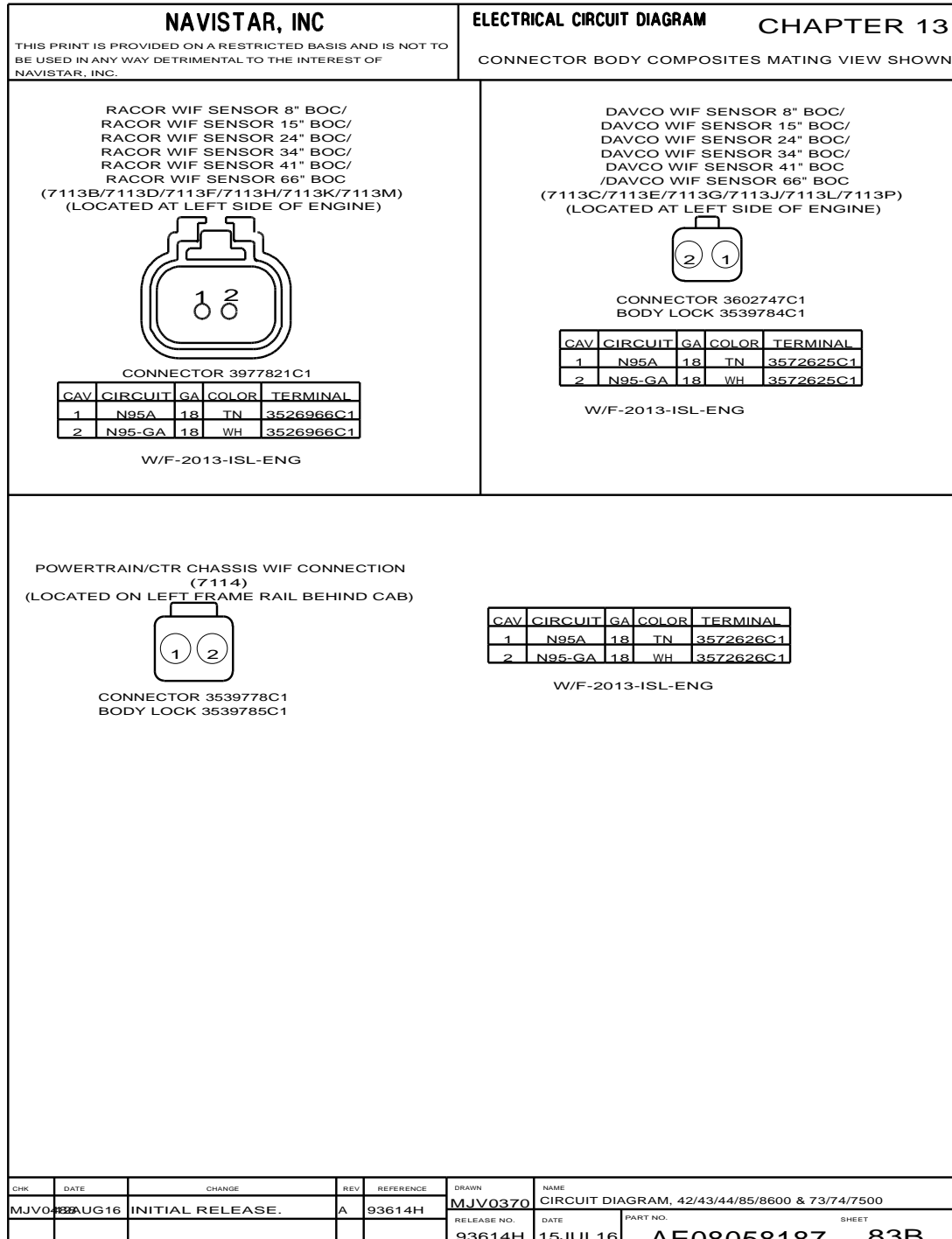


Figure 877 Connector Composites (7113B / 7113D / 7113F / 7113H / 7113K / 7113M), (7113C / 7113E / 7113G / 7113J / 7113L / 7113P), (7114)

13.204. CONNECTOR COMPOSITES (7150), (%7150F2), (7152), P. 84

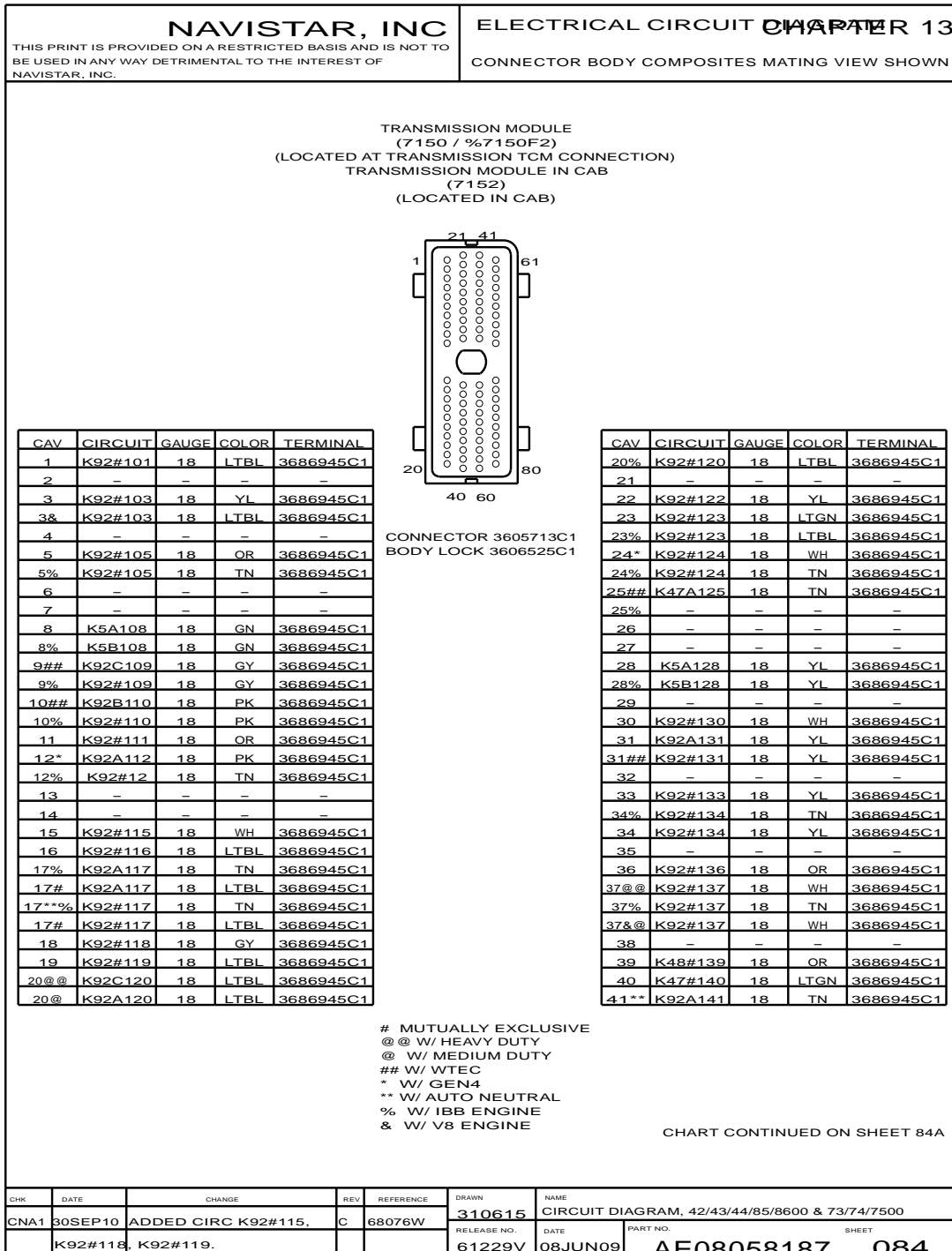


Figure 878 Connector Composites (7150), (%7150F2), (7152)

13.205. CONNECTOR COMPOSITES (7150), (7150F2), (7152), P. 84A

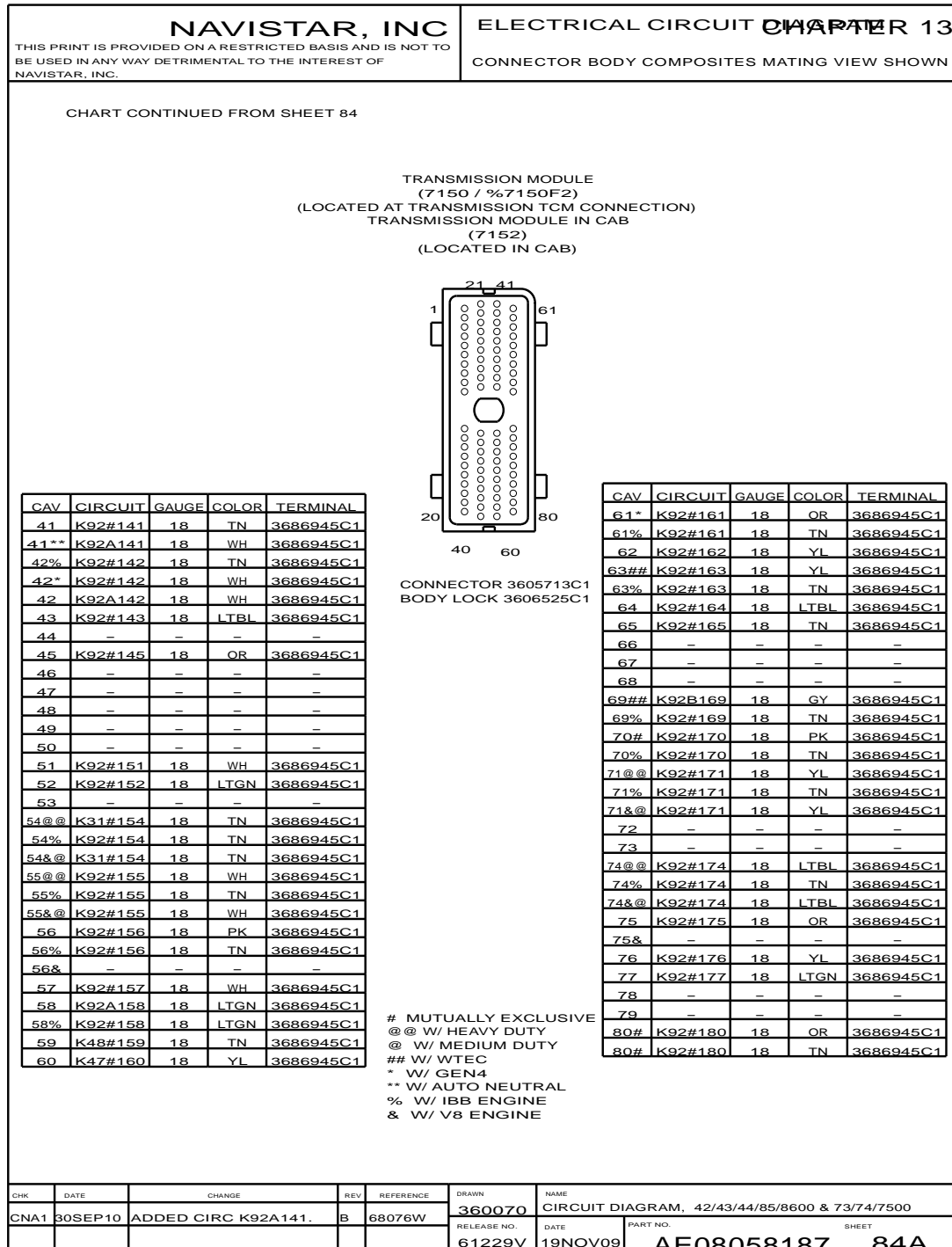


Figure 879 Connector Composites (7150), (7150F2), (7152)

13.206. CONNECTOR COMPOSITES (7150 / 7150F2), P. 85

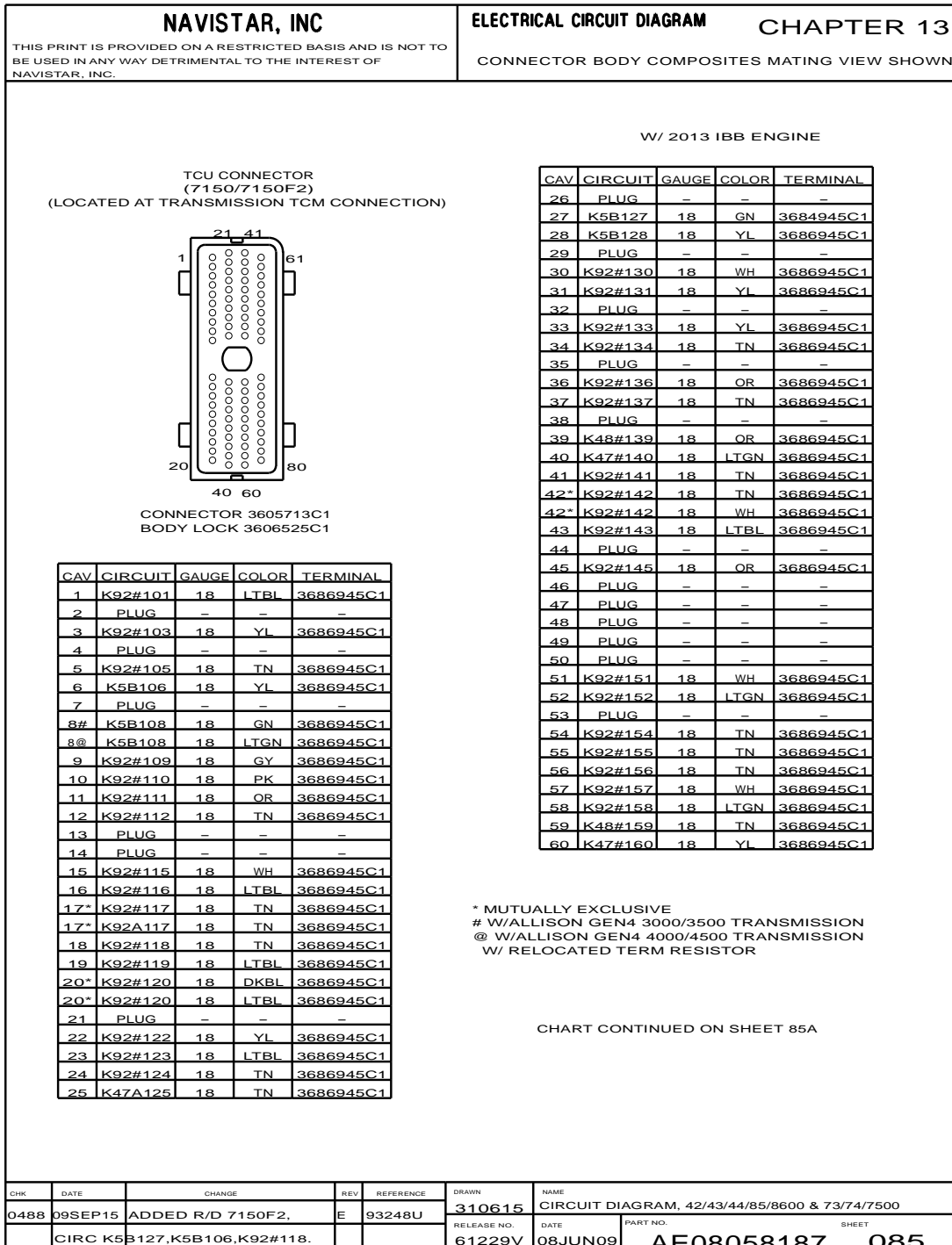


Figure 880 Connector Composites (7150 / 7150F2)

13.207. CONNECTOR COMPOSITES (7150), P. 85A

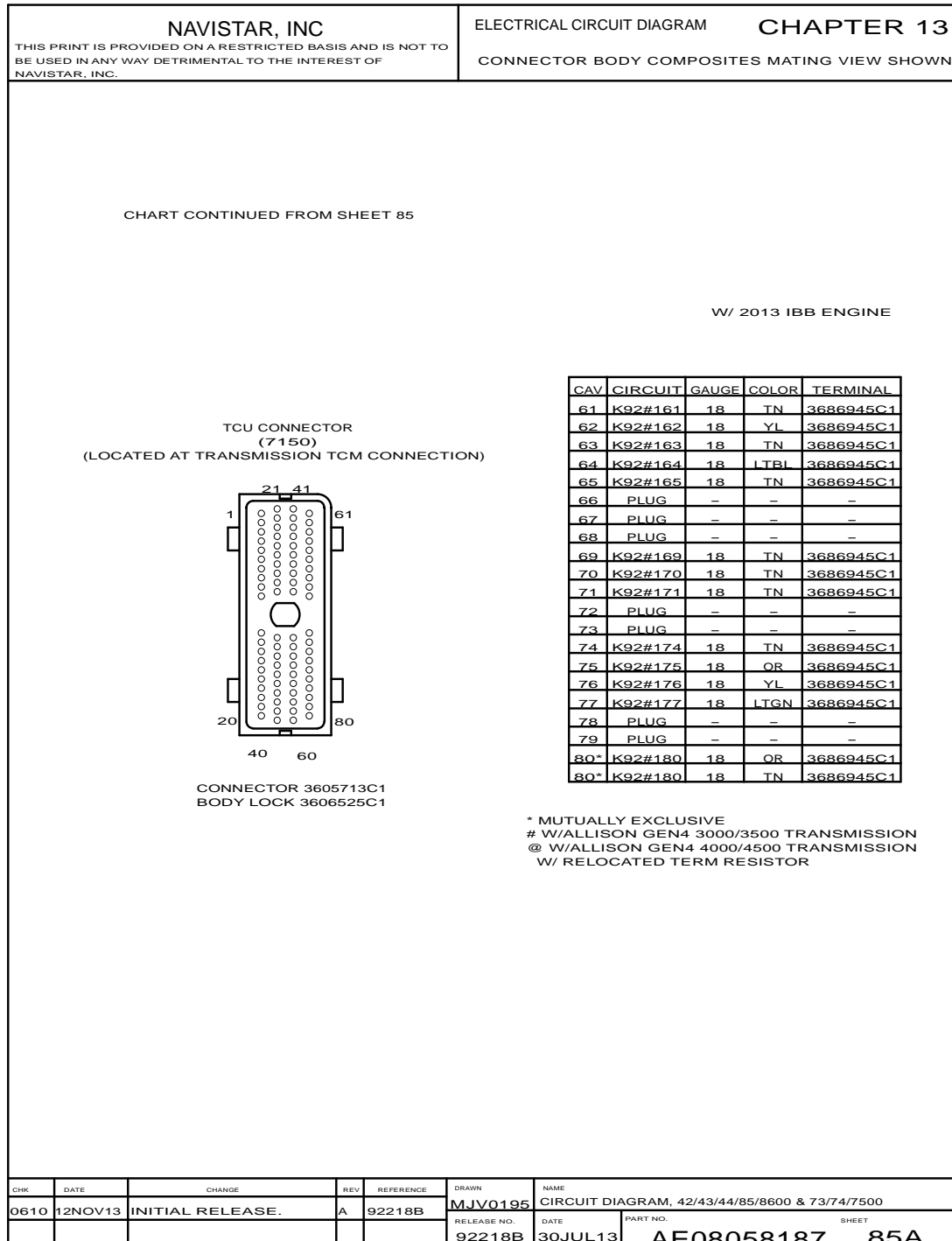


Figure 881 Connector Composites (7150)

13.208. CONNECTOR COMPOSITES (7150), P. 85B

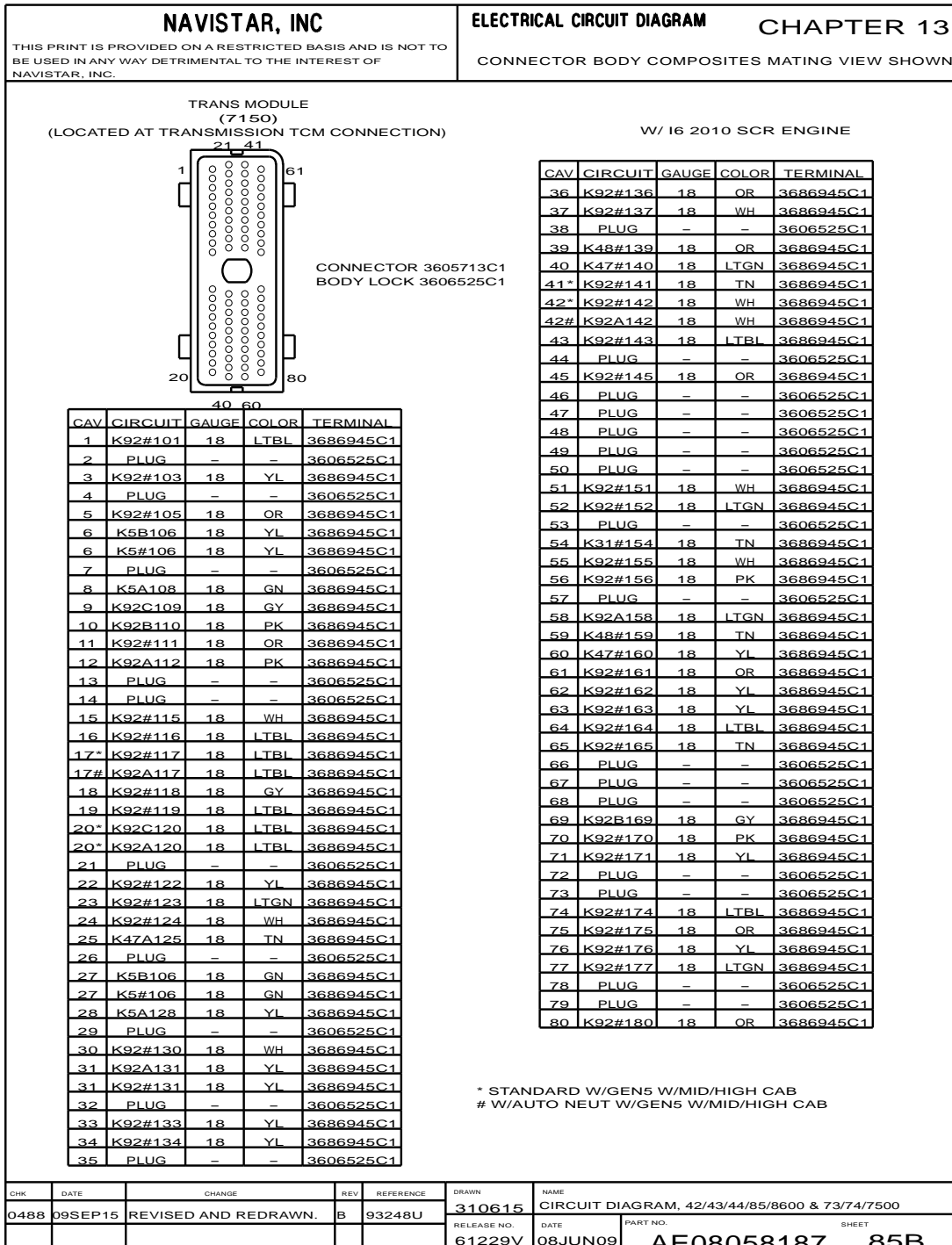


Figure 882 Connector Composites (7150)

13.209. CONNECTOR COMPOSITES (7151), P. 86

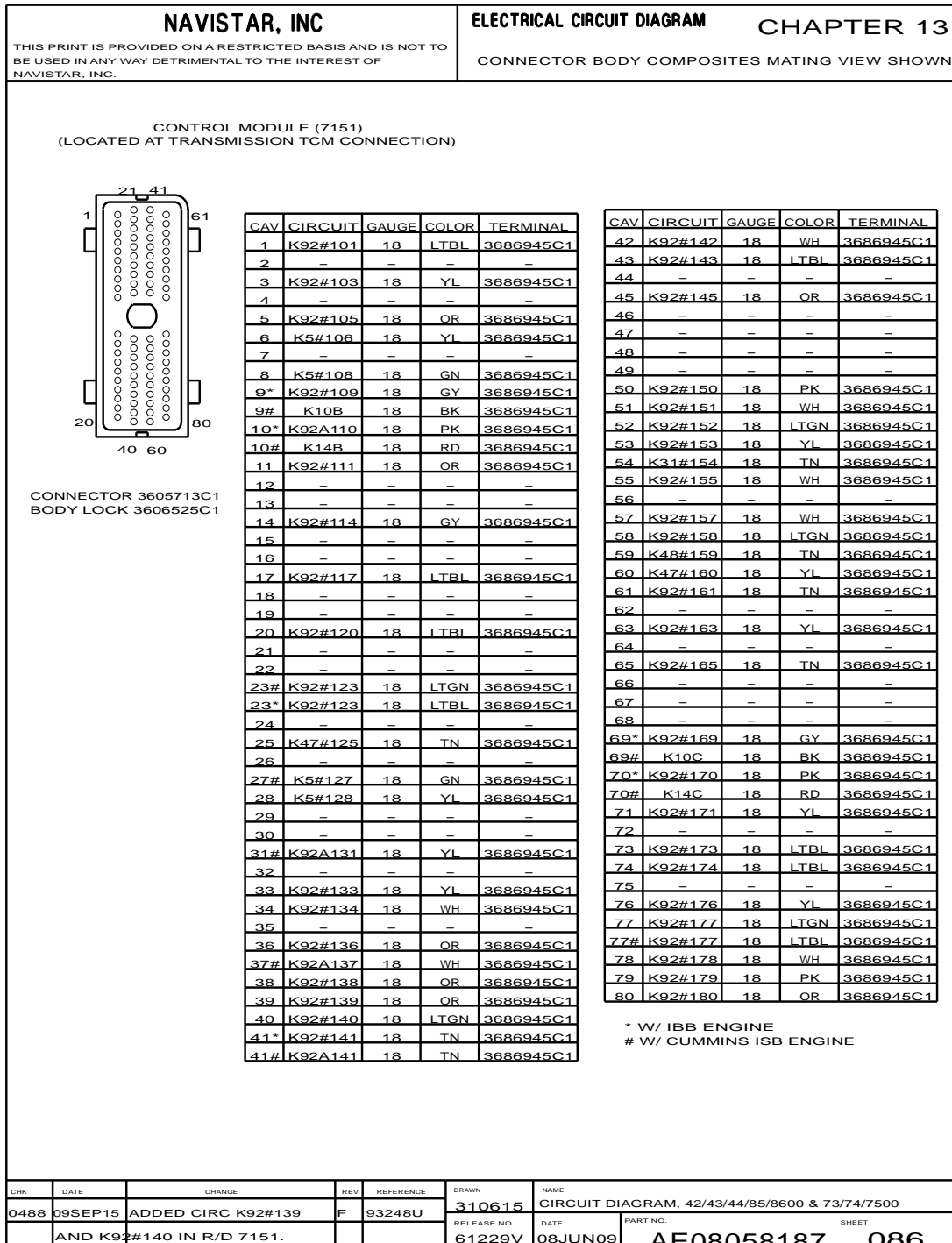


Figure 883 Connector Composites (7151)

13.210. CONNECTOR COMPOSITES (7151), P. 86A

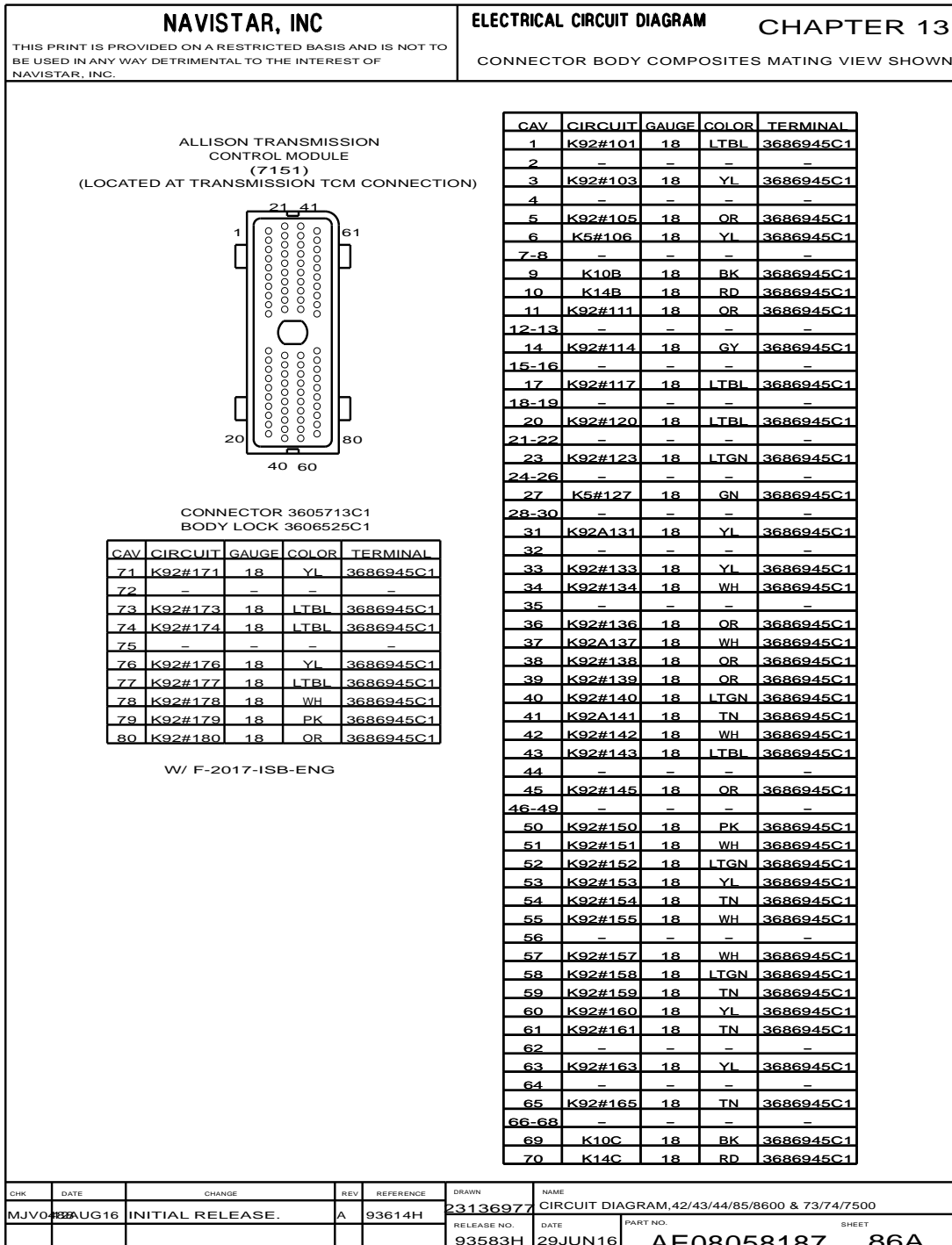


Figure 884 Connector Composites (7151)

13.211. CONNECTOR COMPOSITES (*7205), (7205F), P. 87

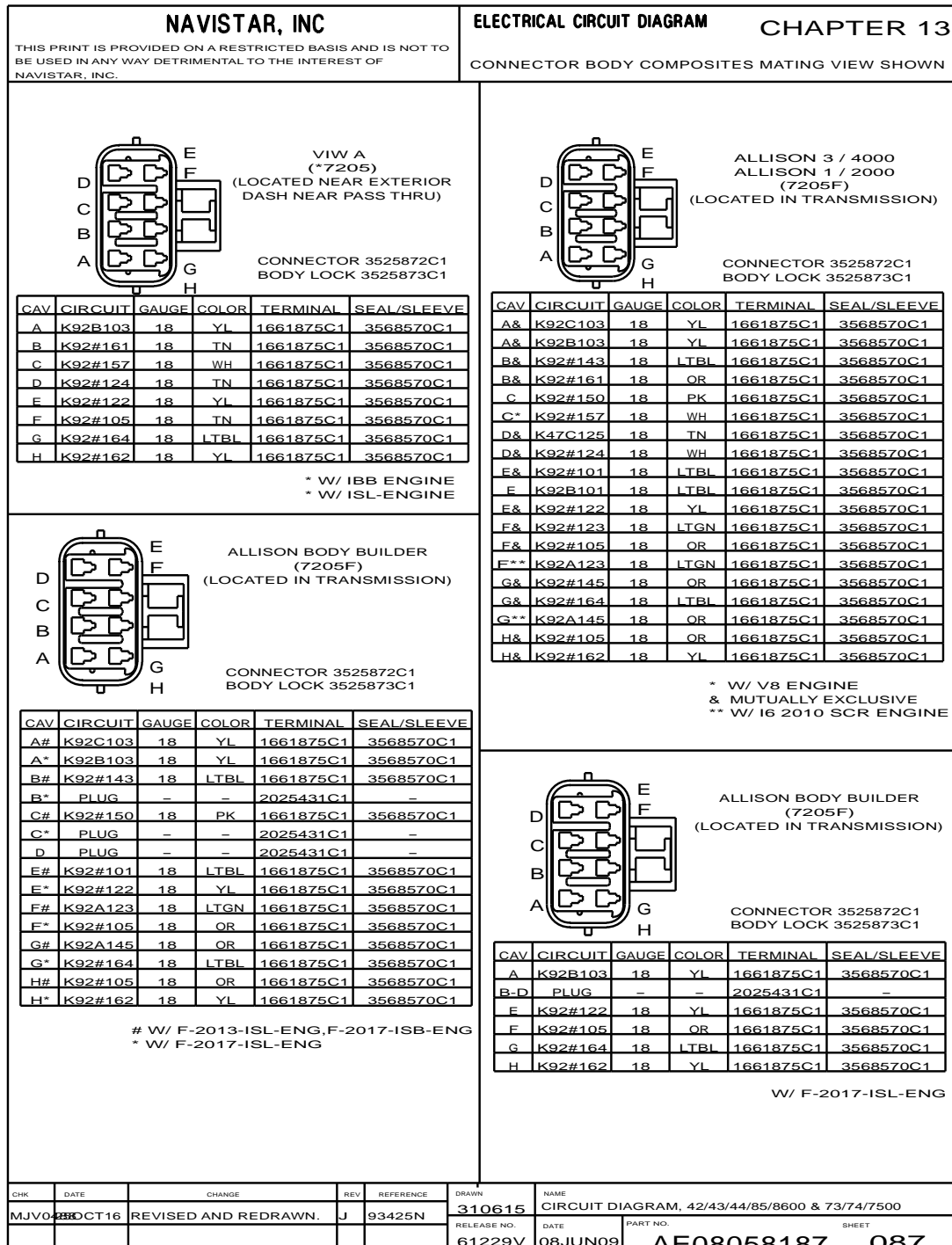


Figure 885 Connector Composites (*7205), (7205F)

13.212. CONNECTOR COMPOSITES (*7206), (7206F), (*7206F), (@7207F), P. 87A

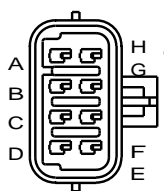
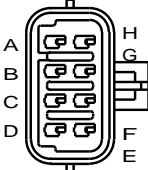
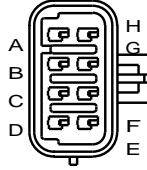
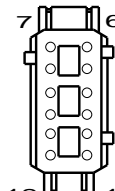
<p style="text-align: center;">NAVISTAR, INC</p> <p style="font-size: small;">THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>	<p style="text-align: center;">ELECTRICAL CIRCUIT DIAGRAM</p> <p style="text-align: right;">CHAPTER 13</p> <p style="text-align: center;">CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p>																																																																																																																																																											
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Figure 886 Connector Composites (*7206), (7206F), (*7206F), (@7207F)

13.213. CONNECTOR COMPOSITES (7207M), P. 87B

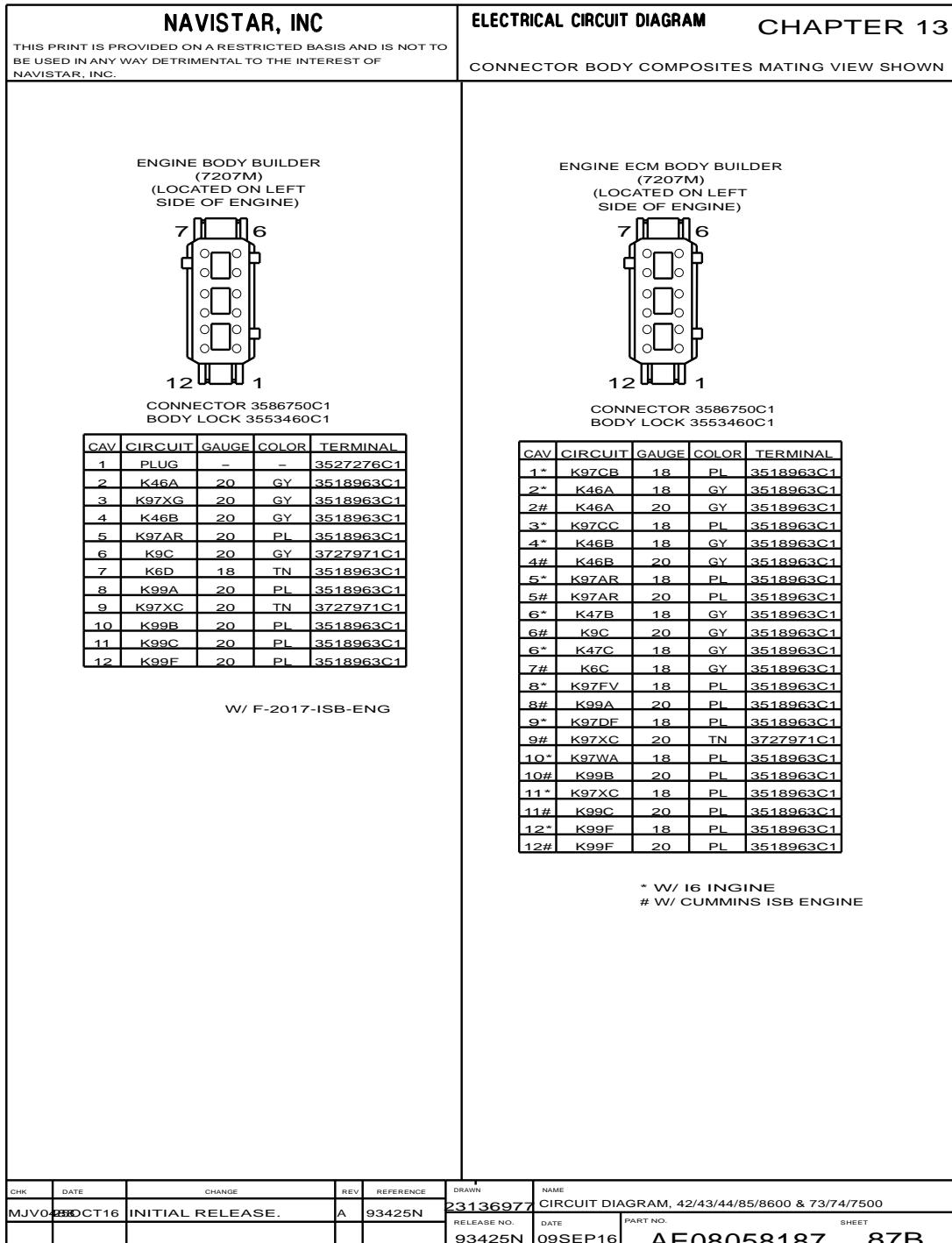


Figure 887 Connector Composites (7207M)

13.214. CONNECTOR COMPOSITES (7208M), (7211), (*7211), (7212), (7213), (7220), P. 88

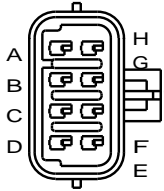
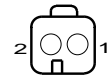

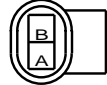




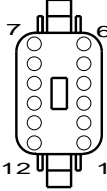
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Figure 888 Connector Composites (7208M), (7211), (*7211), (7212), (7213), (7220)

13.215. CONNECTOR COMPOSITES (7250), (7250M), P. 89

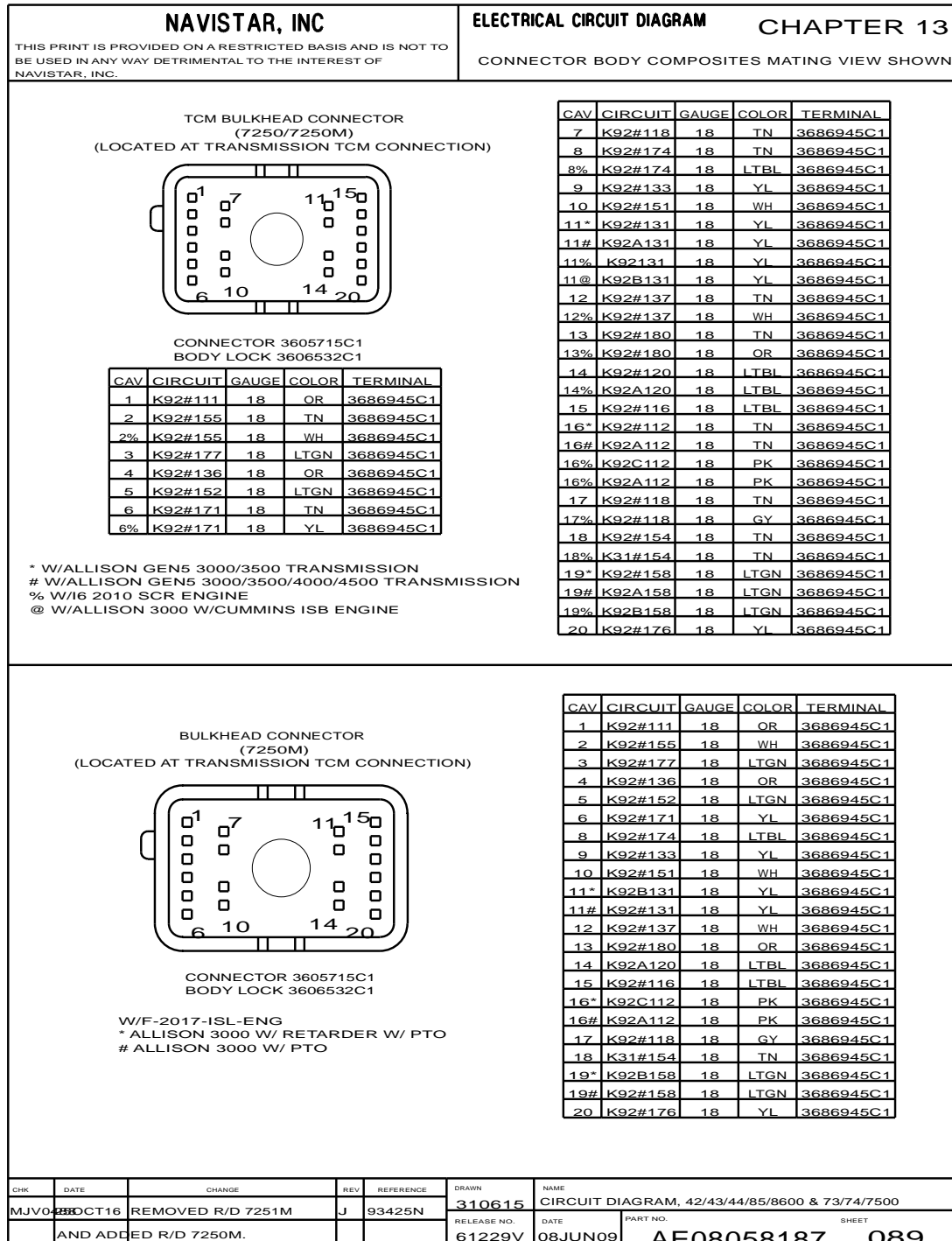
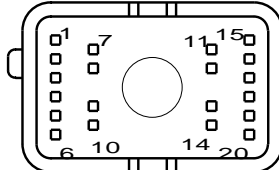


Figure 889 Connector Composites (7250), (7250M)

13.216. CONNECTOR COMPOSITES (7251M), (7350), P. 89A

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

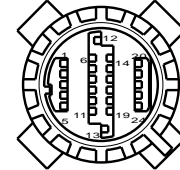
TRANSMISSION BULKHEAD 4000
(7251M)
(LOCATED AT TRANSMISSION BULKHEAD CONNECTION)



CONNECTOR 3605715C1
BODY LOCK 3606532C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	K92#111	18	OR	3686945C1
2	K92#155	18	WH	3686945C1
3	K92#177	18	LTGN	3686945C1
4	K92#136	18	OR	3686945C1
5	K92#152	18	LTGN	3686945C1
6	K92#171	18	YL	3686945C1
7	-	-	-	-
8	K92#174	18	LTBL	3686945C1
9	K92#133	18	YL	3686945C1
10	K92#151	18	WH	3686945C1
11	K92A131	18	YL	3686945C1
12	K92#137	18	WH	3686945C1
13	-	-	-	-
14	-	-	-	-
15	K92#116	18	LTBL	3686945C1
16	K92A112	18	PK	3686945C1
17	K92#118	18	GY	3686945C1
18	K31#154	18	TN	3686945C1
19	K92A158	18	LTGN	3686945C1
20	K92#176	18	YL	3686945C1

TRANSMISSION BULKHEAD
(7350)
(LOCATED AT TRANSMISSION BULKHEAD CONNECTION)

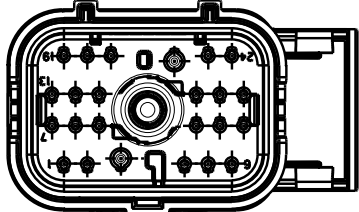


CONNECTOR 3605714C1
BODY LOCK 3606526C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	K92#152	18	LTGN	3686945C1
2	K92#133	18	YL	3686945C1
3*	K92#151	18	WH	3686945C1
3*	K92#151	18	TN	3686945C1
4	K92#117	18	LTBL	3686945C1
5	-	-	-	-
6	K92#157	18	WH	3686945C1
7	K92#179	18	PK	3686945C1
8@	K31#154	18	TN	3686945C1
8#	K92#154	18	TN	3686945C1
9	K92#158	18	LTGN	3686945C1
10	K92#178	18	WH	3686945C1
11*	K92#177	18	LTGN	3686945C1
11#	K92#177	18	LTBL	3686945C1
12	K92A137	18	WH	3686945C1
13	K92A131	18	YL	3686945C1
14	K92#111	18	OR	3686945C1
15	K92#155	18	WH	3686945C1
16	K92#171	18	YL	3686945C1
17	K92#136	18	OR	3686945C1
18	K92#138	18	OR	3686945C1
19	K92#174	18	LTBL	3686945C1
20	K92#114	18	GY	3686945C1
21	K92#153	18	YL	3686945C1
22	K92#173	18	LTBL	3686945C1
23	K92#134	18	WH	3686945C1
24	K92#176	18	YL	3686945C1

* MUTUALLY EXCLUSIVE
W/ CUMMINS ISB ENGINE
@ W/ I6 ENGINE

TC10 TCU
(7350)
(LOCATED IN TRANSMISSION NEAR TO TCU CONN)



CONNECTOR 3755755C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1-2	PLUG	-	-	3755756C1
3	K92-G	12	WH	3755757C1
4	K92#165	18	TN	3733188C1
5	PLUG	-	-	3755756C1
6	K5B106	18	YL	3733188C1
7-9	PLUG	-	-	3755756C1
10	K47A125	18	TN	3733188C1
11	PLUG	-	-	3755756C1
12	K5B108	18	GN	3733188C1
13-15	PLUG	-	-	3755756C1
16	K92#163	18	TN	3733188C1
17	K5B117	18	GN	3733188C1
18	K5B128	18	YL	3733188C1
19	K92#134	18	TN	3733188C1
20	K92#141	18	TN	3733188C1
21	PLUG	-	-	3755756C1
22	K92#110	12	RD	3755757C1
23-24	PLUG	-	-	3755756C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJV0	08 OCT 16	REVISED AND REDRAWN.	E	93425N	MJV0088	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					92218B	30 JUL 13
						PART NO.
						AE08058187
						SHEET
						89A

Figure 890 Connector Composites (7251M), (7350)

13.217. CONNECTOR COMPOSITES (&7500), P. 89B

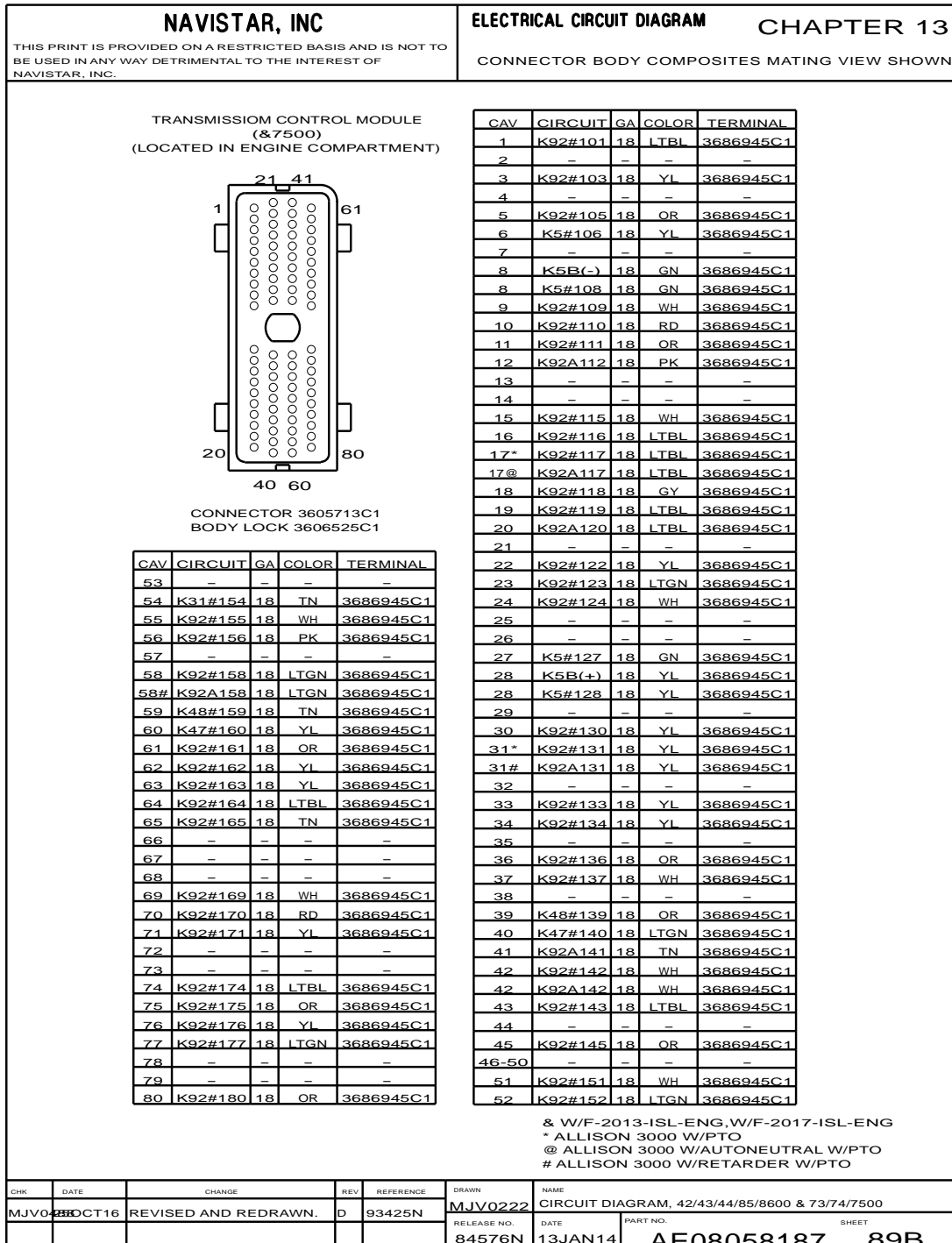


Figure 891 Connector Composites (&7500)

13.218. CONNECTOR COMPOSITES (7500M), (7500MA), (7500W), P. 89C

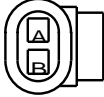
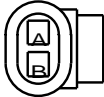

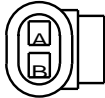

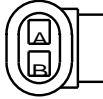
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																																																			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																							
<p>MERITOR G BACK-UP LIGHT (7500M) (LOCATED ON TOP REAR OF TRANSMISSION)</p>  <p>CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K71B</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>A#</td> <td>K71A</td> <td>18</td> <td>OR</td> <td>3758251C1</td> <td>3568570C1</td> </tr> <tr> <td>B</td> <td>K71C</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B#</td> <td>K71B</td> <td>18</td> <td>TN</td> <td>3758251C1</td> <td>3568570C1</td> </tr> </tbody> </table> <p># W/ CUMMINS ISB ENGINE</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K71B	16	OR	1661875C1	1661872C1	A#	K71A	18	OR	3758251C1	3568570C1	B	K71C	16	OR	1661875C1	1661872C1	B#	K71B	18	TN	3758251C1	3568570C1	<p>BACK-UP LIGHT (7500M) (LOCATED ON TOP REAR OF TRANSMISSION)</p>  <p>CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>L71B</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>L71C</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> <p>W/ DURASTAR</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	L71B	16	OR	1661875C1	1661872C1	B	L71C	16	OR	1661875C1	1661872C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																						
A	K71B	16	OR	1661875C1	1661872C1																																																						
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B	K71C	16	OR	1661875C1	1661872C1																																																						
B#	K71B	18	TN	3758251C1	3568570C1																																																						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																						
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B	L71C	16	OR	1661875C1	1661872C1																																																						
<p>BACKUP LIGHT SWITCH (7500M) (LOCATED ON TOP REAR OF TRANSMISSION)</p>  <p>CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K71A</td> <td>18</td> <td>OR</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>B</td> <td>K71B</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table> <p>W/ F-2017-ISL-ENG</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K71A	18	OR	1661875C1	3568570C1	B	K71B	18	TN	1661875C1	3568570C1	<p>MERITOR G BACK-UP LIGHT (7500MA) (LOCATED ON TOP REAR OF TRANSMISSION)</p>  <p>CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K71D</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>K71E</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K71D	16	OR	1661875C1	1661872C1	B	K71E	16	OR	1661875C1	1661872C1												
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A	K71D	16	OR	1661875C1	1661872C1																																																						
B	K71E	16	OR	1661875C1	1661872C1																																																						
<p>REVERSE LIGHT (7500W) (LOCATED ON TOP OF TRANSMISSION)</p>  <p>CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K71A</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>K71B</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K71A	16	OR	1661875C1	1661872C1	B	K71B	16	OR	1661875C1	1661872C1	<p>REVERSE LIGHT (7500W) (LOCATED ON TOP OF TRANSMISSION)</p>  <p>CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K71B</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>K71C</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> <p>W/ WORKSTAR</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K71B	16	OR	1661875C1	1661872C1	B	K71C	16	OR	1661875C1	1661872C1												
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CHK	DATE	CHANGE		REV	REFERENCE	DRAWN	NAME																																																				
MJV0	23OCT16	ADDED R/D 7500M.		B	93425N	MJV0370	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																				
RELEASE NO.		DATE		PART NO.		SHEET																																																					
92927M		11FEB15		AE08058187		89C																																																					

Figure 892 Connector Composites (7500M), (7500MA), (7500W)

13.219. CONNECTOR COMPOSITES (7501), (7502), (7502M), (7600), (7600A), P. 90

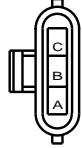
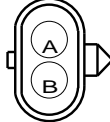



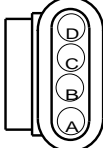
NAVISTAR, INC		ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																											
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 <p style="text-align: center;">ECA (7501) (LOCATED IN ENGINE)</p>		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>1675451C1</td> <td>-</td> </tr> <tr> <td>B</td> <td>K11-G</td> <td>10</td> <td>WH</td> <td>1667737C1</td> <td>1667735C1</td> </tr> <tr> <td>C</td> <td>K14N</td> <td>10</td> <td>RD</td> <td>1667737C1</td> <td>1667735C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	PLUG	-	-	1675451C1	-	B	K11-G	10	WH	1667737C1	1667735C1	C	K14N	10	RD	1667737C1	1667735C1																		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
A	PLUG	-	-	1675451C1	-																																										
B	K11-G	10	WH	1667737C1	1667735C1																																										
C	K14N	10	RD	1667737C1	1667735C1																																										
 <p style="text-align: center;">XMSN PTO (7502) (LOCATED ON TRANSMISSION)</p>		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K92DP</td> <td>18</td> <td>TN</td> <td>0587578C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>K92DR</td> <td>18</td> <td>TN</td> <td>0587578C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K92DP	18	TN	0587578C1	1652325C1	B	K92DR	18	TN	0587578C1	1652325C1																								
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
A	K92DP	18	TN	0587578C1	1652325C1																																										
B	K92DR	18	TN	0587578C1	1652325C1																																										
 <p style="text-align: center;">BACK-UP LIGHT (7502M) (LOCATED ON TOP REAR OF TRANSMISSION)</p>		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K71</td> <td>18</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>K71A</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K71	18	OR	1661875C1	1661872C1	B	K71A	16	OR	1661875C1	1661872C1																								
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B	K71A	16	OR	1661875C1	1661872C1																																										
 <p style="text-align: center;">VEHICLE SPEED SENSOR (7600) (LOCATED ON TOP REAR OF TRANSMISSION)</p>		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K47</td> <td>18</td> <td>GY</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>A*</td> <td>K47C</td> <td>20</td> <td>GY</td> <td>3756267C1</td> <td>3756268C1</td> </tr> <tr> <td>A%</td> <td>K47C</td> <td>20</td> <td>GY</td> <td>3756267C1</td> <td>3756268C1</td> </tr> <tr> <td>B</td> <td>K47A</td> <td>18</td> <td>GY</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>B*</td> <td>K47B</td> <td>20</td> <td>GY</td> <td>3756267C1</td> <td>3756268C1</td> </tr> <tr> <td>B%</td> <td>K47B</td> <td>20</td> <td>GY</td> <td>3756267C1</td> <td>3756268C1</td> </tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">* W/ MANUAL XMSN SPEEDO CIRCUIT % W/ F-2017-ISB-ENG</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K47	18	GY	3554322C1	3554318C1	A*	K47C	20	GY	3756267C1	3756268C1	A%	K47C	20	GY	3756267C1	3756268C1	B	K47A	18	GY	3554322C1	3554318C1	B*	K47B	20	GY	3756267C1	3756268C1	B%	K47B	20	GY	3756267C1	3756268C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
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A*	K47C	20	GY	3756267C1	3756268C1																																										
A%	K47C	20	GY	3756267C1	3756268C1																																										
B	K47A	18	GY	3554322C1	3554318C1																																										
B*	K47B	20	GY	3756267C1	3756268C1																																										
B%	K47B	20	GY	3756267C1	3756268C1																																										
 <p style="text-align: center;">TACHOGRAPH SPEED SENSOR (7600) (LOCATED ON TOP REAR OF TRANSMISSION)</p>		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K47TA</td> <td>14</td> <td>GY</td> <td>3679224C1</td> <td>3601687C1</td> </tr> <tr> <td>2</td> <td>K47TB</td> <td>14</td> <td>GY</td> <td>3679224C1</td> <td>3601687C1</td> </tr> <tr> <td>3</td> <td>K47TC</td> <td>14</td> <td>GY</td> <td>3679224C1</td> <td>3601687C1</td> </tr> <tr> <td>4</td> <td>K47TD</td> <td>14</td> <td>GY</td> <td>3679224C1</td> <td>3601687C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K47TA	14	GY	3679224C1	3601687C1	2	K47TB	14	GY	3679224C1	3601687C1	3	K47TC	14	GY	3679224C1	3601687C1	4	K47TD	14	GY	3679224C1	3601687C1												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
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2	K47TB	14	GY	3679224C1	3601687C1																																										
3	K47TC	14	GY	3679224C1	3601687C1																																										
4	K47TD	14	GY	3679224C1	3601687C1																																										
 <p style="text-align: center;">TACHOGRAPH SENSOR (7600A) (LOCATED ON FRONT CENTER DASH PANEL)</p>		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K47TA</td> <td>18</td> <td>GY</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>B</td> <td>K47TB</td> <td>14</td> <td>GY</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>C</td> <td>K47TC</td> <td>14</td> <td>GY</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>D</td> <td>K14TD</td> <td>14</td> <td>GY</td> <td>2033816C1</td> <td>0589391C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K47TA	18	GY	2033816C1	0589391C1	B	K47TB	14	GY	2033816C1	0589391C1	C	K47TC	14	GY	2033816C1	0589391C1	D	K14TD	14	GY	2033816C1	0589391C1												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
A	K47TA	18	GY	2033816C1	0589391C1																																										
B	K47TB	14	GY	2033816C1	0589391C1																																										
C	K47TC	14	GY	2033816C1	0589391C1																																										
D	K14TD	14	GY	2033816C1	0589391C1																																										
<p>CONNECTOR 1667733C1 BODY LOCK 1667734C1</p> <p>CONNECTOR 0587567C91</p> <p>CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> <p>CONNECTOR 3662425C1 BODY LOCK 3662518C1</p> <p>CONNECTOR 3714731C1</p> <p>CONNECTOR 3535482C1 BODY LOCK 3535483C1</p>																																															
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																									
MJVO	16AUG16	ADDED CIRCUITS FOR	F	93614H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																									
F-2017-ISB-ENG	IN CONN	3662425C1			61229V	08JUN09																																									
				PART NO.	AE08058187	SHEET																																									
						090																																									

Figure 893 Connector Composites (7501), (7502), (7502M), (7600), (7600A)

13.220. CONNECTOR COMPOSITES (7600A), (7600M), (7601), (*7601), P. 90A

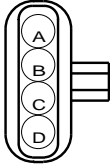
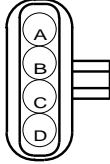
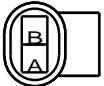
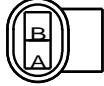
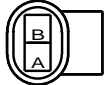
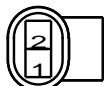
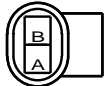
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.								CONNECTOR BODY COMPOSITES MATING VIEW SHOWN			
TACHOGRAPH SENSOR (7600A) (LOCATED ON FRONT CENTER DASH PANEL)						TACHOGRAPH SENSOR (7600A) (LOCATED ON REAR OF TRANSMISSION)					
											
CONNECTOR 3535481C1 BODY LOCK 3535485C1						CONNECTOR 3535481C1 BODY LOCK 3535485C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	M47TA	18	GY	2033911C1	3517771C1	A	A47TA	18	GY	2033911C1	3517771C1
B	M47TB	18	GY	2033911C1	3517771C1	B	A47TB	18	GY	2033911C1	3517771C1
C	M47TC	18	GY	2033911C1	3517771C1	C	A47TC	18	GY	2033911C1	3517771C1
D	M14TD	18	GY	2033911C1	3517771C1	D	A47TD	18	GY	2033911C1	3517771C1
OUTPUT SPEED SENSOR (7600M) (LOCATED ON REAR OF TRANSMISSION)						OUTPUT SPEED SENSOR (7600M) (LOCATED ON REAR OF TRANSMISSION)					
											
CONNECTOR 3594124C91						CONNECTOR 3610533C1 BODY LOCK 3610532C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K47#160	18	YL	3554322C1	3554318C1	A	K92#160	18	YL	3554322C1	3554318C1
B	K47#140	18	LTGN	3554322C1	3554318C1	A*	K92#160	18	YL	3554322C1	3554318C1
						B	K92#140	18	LTGN	3554322C1	3554318C1
						B*	K92#140	18	LTGN	3554322C1	3554318C1
MERITOR G SPEED SENSOR (7601) (LOCATED ON REAR OF TRANSMISSION)						SPEEDO SENSOR (7601) (LOCATED ON REAR OF TRANSMISSION)					
											
CONNECTOR 2036583C1						CONNECTOR 3554317C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K47	18	GY	2036586C1		1	K47	18	GY	3554322C1	3554318C1
B	K47A	18	GY	2036586C1		1*	K47C	20	GY	3756267C1	3756268C1
						2	K47A	18	GY	3554322C1	3554318C1
						2*	K47B	20	GY	3756267C1	3756268C1
VEHICLE SPEED SENSOR (*7601) (LOCATED ON REAR OF TRANSMISSION)						* W/ DURASTAR * W/ F-2017-ISB-ENG					
						* W/MANUAL XMSN SPEEDO CIRCUIT					
CONNECTOR 3662425C1 BODY LOCK 3662518C1											
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE						
A	K47C	20	GY	3756267C1	3756268C1						
B	K47B	20	GY	3756267C1	3756268C1						
* F-2013-ISL-ENG * F-2017-ISL-ENG											
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME					
M.J.V.	08 OCT 16	ADDED SYNONYM	F	93425N	U021653	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500					
F-2017-ISL-ENG IN R/D 7601.					RELEASE NO.	DATE	PART NO.	SHEET			
					82436B	08 NOV 11	AE08058187	90A			

Figure 894 Connector Composites (7600A), (7600M), (7601), (*7601)

13.221. CONNECTOR COMPOSITES (7601), (7601M), (7603), P. 90B

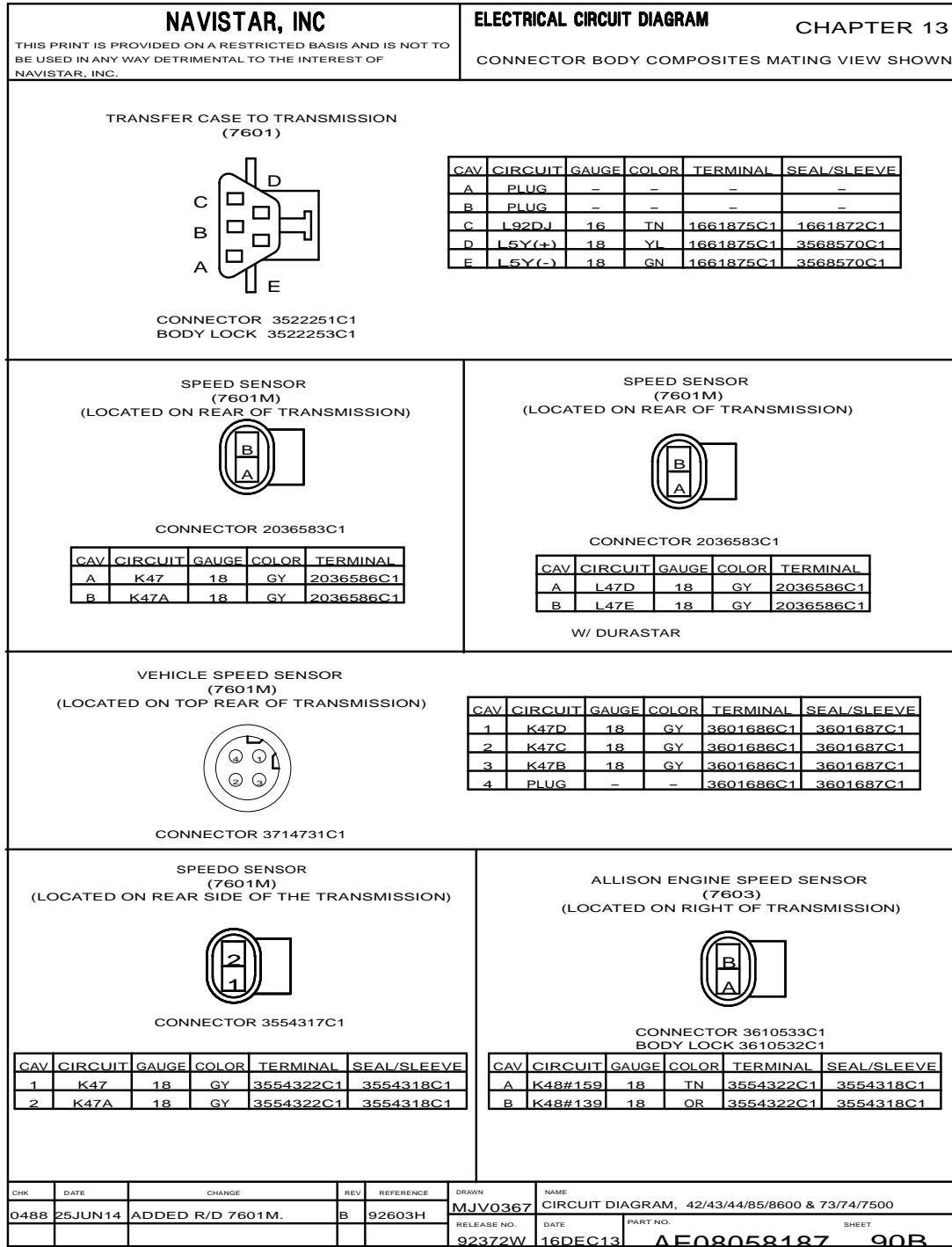


Figure 895 Connector Composites (7601), (7601M), (7603)

13.222. CONNECTOR COMPOSITES (7603M), (7603MA), (7604M), (7605 / 7605M), (7606M), (7607M), (7608M), P. 91

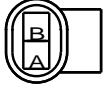
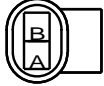
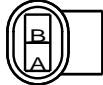
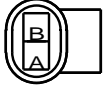

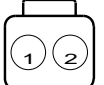
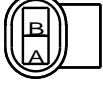
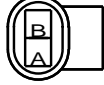
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																																																															
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ALLISON ENGINE SPEED SENSOR (7603M) (LOCATED ON RIGHT OF TRANSMISSION)						ENGINE SPEED SENSOR (7603MA) (LOCATED ON RIGHT SIDE OF TRANSMISSION)																																																																	
																																																																							
CONNECTOR 3610533C1 BODY LOCK 3610532C1						CONNECTOR 3610533C1 BODY LOCK 3610532C1																																																																	
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B	K48#139	18	OR	3554322C1	3554318C1																																																																		
B*	K48#159	18	TN	3554322C1	3554318C1																																																																		
B#	K92#139	18	OR	3554322C1	3554318C1																																																																		
W/ F-2017-ISB-ENG						* W/ V8 ENGINE # W/ CUMMINS ISB ENGINE AND W/ I6 2010 SCR ENGINE.																																																																	
OUTPUT SPEED SENSOR (7605/7605M) (LOCATED ON REAR OF TRANSMISSION)						EATON ENGINE SPEED SENSOR (7606M) (LOCATED ON RIGHT OF TRANSMISSION)																																																																	
																																																																							
CONNECTOR 3610533C1 BODY LOCK 3610532C1						CONNECTOR 3602756C1 BODY LOCK 1684262C1																																																																	
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					61229V	08 JUN09	AE08058187	091																																																															

Figure 896 Connector Composites (7603M), (7603MA), (7604M), (7605 / 7605M), (7606M), (7607M), (7608M)

13.223. CONNECTOR COMPOSITES (7609B), (7609M), P. 91A

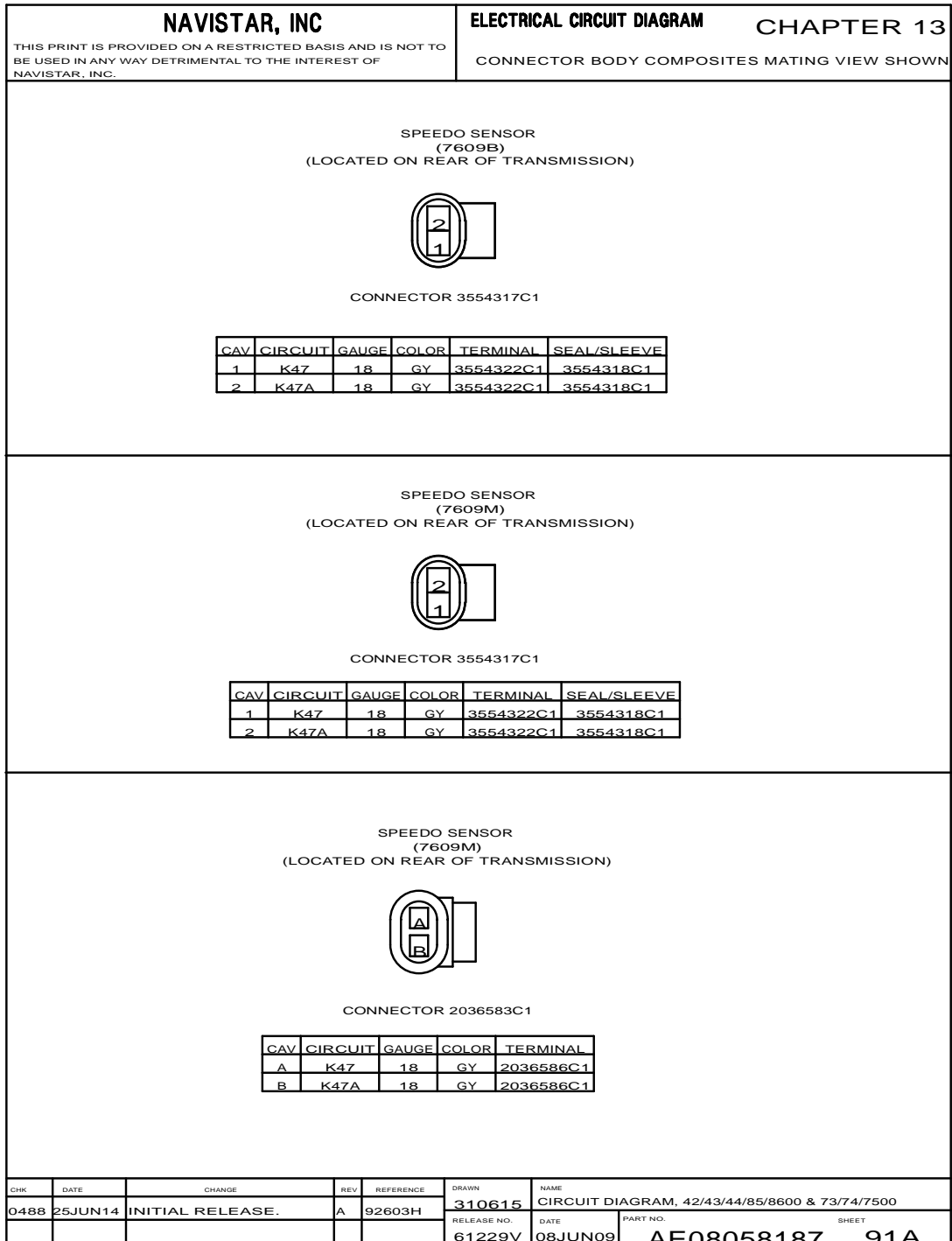


Figure 897 Connector Composites (7609B), (7609M)

13.224. CONNECTOR COMPOSITES (7611), (7615), (7615M), (7621), (7700K), P. 92

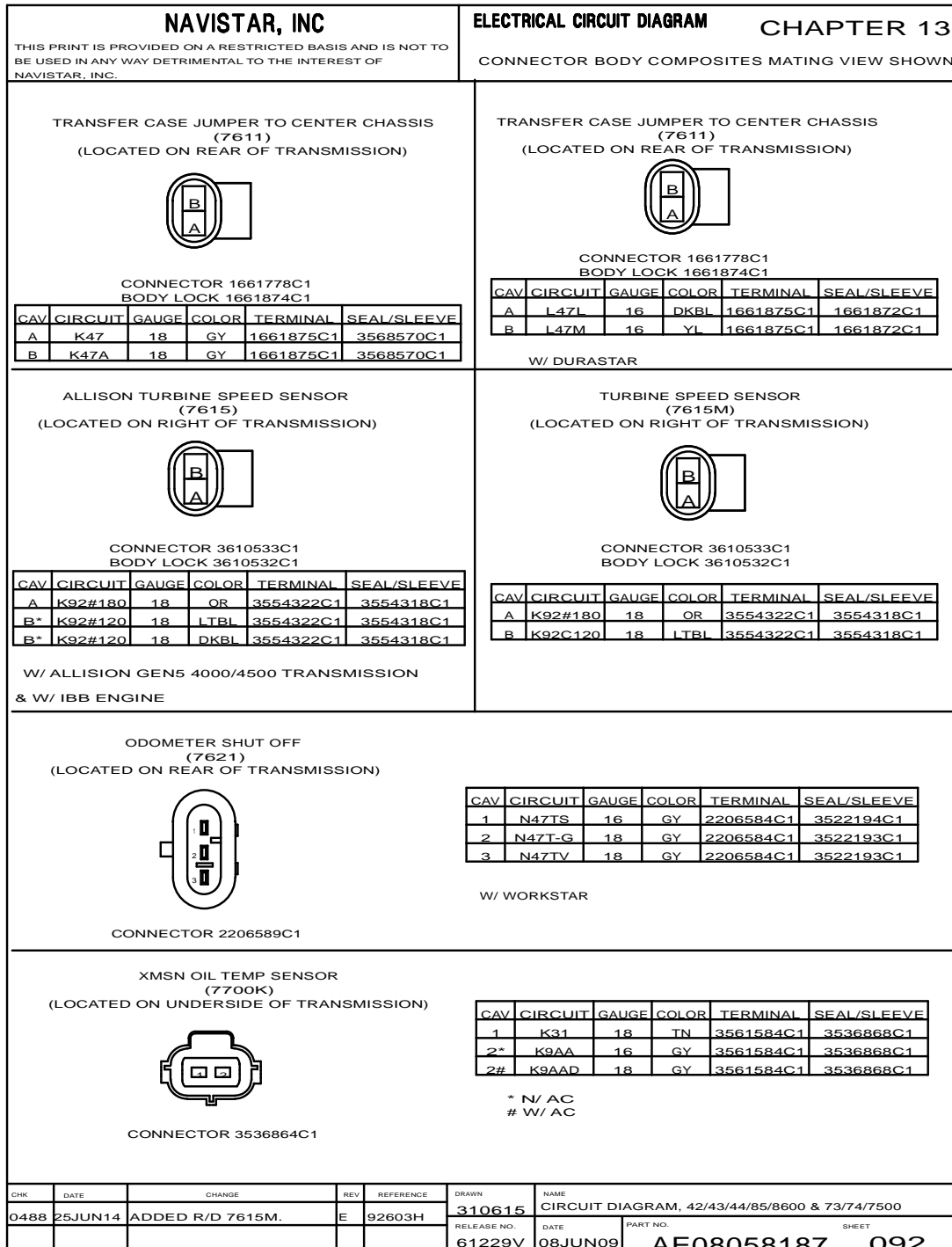


Figure 898 Connector Composites (7611), (7615), (7615M), (7621), (7700K)

13.225. CONNECTOR COMPOSITES (7700L), (7700M), (7702), (7703), (*7703), (7750), (7751), P. 92A

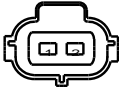
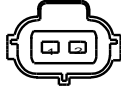

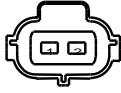
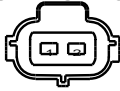



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THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN							
TRANS OIL TEMP W/ADVANTAGE XMSN (7700L) (LOCATED ON UNDERSIDE OF TRANSMISSION)						TRANS OIL TEMP SENSOR (7700M) (LOCATED AT FRAME MOUNTED TRANSMISSION OIL FILTER)					
											
CONNECTOR 3536864C1						CONNECTOR 3536864C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	K31	18	TN	3561584C1	3536868C1	1	L31B	18	TN	3536865C1	3536868C1
2	K9AAD	18	GY	3561584C1	3536868C1	2	L31GC1	18	TN	3536865C1	3536868C1
2	K9AA	16	GY	3561584C1	3536868C1						
W/ 2013 IBB ENGINE						W/ DURASTAR					
TRANS OIL TEMP SENSOR (7700M) (LOCATED ON FRAME MOUNTED TRANSMISSION OIL FILTER)						TRANSMISSION OIL TEMP SENSOR (7702) (LOCATED ON UNDERSIDE OF TRANSMISSION)					
											
CONNECTOR 3536864C1						CONNECTOR 3536864C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	K31B	18	TN	3536865C1	3536867C1	1	K31F	18	TN	3536865C1	3536868C1
2	K9T	18	GY	3536865C1	3536867C1	2	K9T	18	GY	3536865C1	3536868C1
TRANSMISSION OIL TEMP SENSOR (7703) (LOCATED ON UNDERSIDE OF TRANSMISSION)						TRANSFER CASE JUMPER TO CENTER CHASSIS (*7703) (LOCATED NEAR TO ECM)					
											
CONNECTOR 3536864C1						CONNECTOR 1661778C1 BODY LOCK 1661874C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	K31E	16	TN	3536865C1	3536868C1	A	K47	20	GY	1661875C1	3568570C1
2	K9T	18	GY	3536865C1	3536868C1	B	K47A	20	GY	1661875C1	3568570C1
IDLE CONTROL TEMP SENDER (7750) (LOCATED IN ENGINE COMPARTMENT)						TEMP SENDER (7751) (LOCATED NEAR FRONT BUMPER OF REAR CHASSIS)					
											
CONNECTOR 3518183C1 BODY LOCK 3518174C1						CONNECTOR 3522068C1 BODY LOCK 1661874C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	R41	16	TN	3626031C1		A	R41	16	TN	1661875C1	1661872C1
2	R41-G	16	TN	3626031C1		B	R41-G	16	TN	1661875C1	1661872C1
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME					
MJV0088	23 OCT 16	REVISED AND REDRAWN.	E	93425N	MJV0088	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500					
					RELEASE NO.	DATE	PART NO.	SHEET			
					92218B	30 JUL 13	AE08058187	92A			

Figure 899 Connector Composites (7700L), (7700M), (7702), (7703), (*7703), (7750), (7751)

13.226. CONNECTOR COMPOSITES (7777), (7800F), (7801), (7801A), (*7801A), (7801B), P. 92B

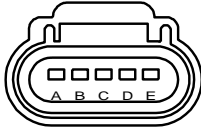
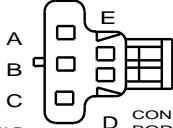
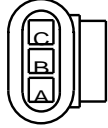

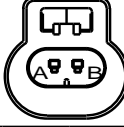
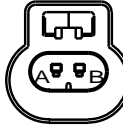

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<p>MAF/AAT (7777) (LOCATED ON FRONT CENTER DASH PANEL)</p>  <p>CONNECTOR 3827829C1 BODY LOCK 3827830C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>K97E</td><td>18</td><td>PL</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>B</td><td>K97SA</td><td>18</td><td>PL</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>C</td><td>K97AS</td><td>18</td><td>PL</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>D</td><td>K97AT</td><td>18</td><td>PL</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>E</td><td>K97A-G</td><td>18</td><td>PL</td><td>3535303C1</td><td>3535424C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K97E	18	PL	3535303C1	3535424C1	B	K97SA	18	PL	3535303C1	3535424C1	C	K97AS	18	PL	3535303C1	3535424C1	D	K97AT	18	PL	3535303C1	3535424C1	E	K97A-G	18	PL	3535303C1	3535424C1	<p>ENGINE TRANS (7800F) (LOCATED IN ENGINE COMPARTMENT)</p>  <p>CONNECTOR 3522252C1 BODY LOCK 3522253C1</p> <p>W/ DURASTAR</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>L47D</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>L47E</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>L17D</td><td>18</td><td>PK</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>D</td><td>L5C(+)</td><td>18</td><td>YL</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>E</td><td>L5C(-)</td><td>18</td><td>GN</td><td>1667742C1</td><td>3568570C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	L47D	18	GY	1667742C1	1661872C1	B	L47E	18	GY	1667742C1	1661872C1	C	L17D	18	PK	1667742C1	3568570C1	D	L5C(+)	18	YL	1667742C1	3568570C1	E	L5C(-)	18	GN	1667742C1	3568570C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																										
A	K97E	18	PL	3535303C1	3535424C1																																																																										
B	K97SA	18	PL	3535303C1	3535424C1																																																																										
C	K97AS	18	PL	3535303C1	3535424C1																																																																										
D	K97AT	18	PL	3535303C1	3535424C1																																																																										
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<p>RELOCATED J1939 TERMINATING RESISTOR (7801) (LOCATED NEAR THE ENGINE ECM CONNECTION)</p>  <p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>K5C(+)</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>K5C(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K5C(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	C	K5C(-)	18	GN	1661875C1	3568570C1	<p>J1939 N/ALLISON (7801A) (LOCATED BEHIND THE CUMMINS ECM)</p>  <p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>K5B(+)</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>K5B(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr> </tbody> </table> <p>W/ DURASTAR</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K5B(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	C	K5B(-)	18	GN	1661875C1	3568570C1																								
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C	K5B(-)	18	GN	1661875C1	3568570C1																																																																										
<p>J1939 (*7801A) (LOCATED BEHIND THE CUMMINS ECM)</p>  <p>CONNECTOR 3683465C1 BODY LOCK 3683466C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>K5B(+)</td><td>18</td><td>YL</td><td>3683464C1</td><td>3535424C1</td></tr> <tr><td>B</td><td>K5B(-)</td><td>18</td><td>GN</td><td>3683464C1</td><td>3535424C1</td></tr> </tbody> </table> <p>* W/ F-2013-ISL-ENG * W/ F-2017-ISB-ENG * W/ F-2017-ISL-ENG</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K5B(+)	18	YL	3683464C1	3535424C1	B	K5B(-)	18	GN	3683464C1	3535424C1	<p>J1939 (7801B) (LOCATED NEAR DEF TANK HARNESS INTERCONNECT)</p>  <p>CONNECTOR 3683465C1 BODY LOCK 3683466C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A*</td><td>K5F(+)</td><td>18</td><td>YL</td><td>3683464C1</td><td>3535424C1</td></tr> <tr><td>A%</td><td>K5D(+)</td><td>18</td><td>YL</td><td>3683464C1</td><td>3535424C1</td></tr> <tr><td>A&</td><td>K5C(+)</td><td>18</td><td>YL</td><td>3683464C1</td><td>3535424C1</td></tr> <tr><td>A#</td><td>K5A(+)</td><td>18</td><td>YL</td><td>3683464C1</td><td>3535424C1</td></tr> <tr><td>B*</td><td>K5F(-)</td><td>18</td><td>GN</td><td>3683464C1</td><td>3535424C1</td></tr> <tr><td>B%</td><td>K5D(-)</td><td>18</td><td>GN</td><td>3683464C1</td><td>3535424C1</td></tr> <tr><td>B&</td><td>K5C(-)</td><td>18</td><td>GN</td><td>3683464C1</td><td>3535424C1</td></tr> <tr><td>B#</td><td>K5A(-)</td><td>18</td><td>GN</td><td>3683464C1</td><td>3535424C1</td></tr> </tbody> </table> <p>W/ F-2017-ISB-ENG * J1939 W/ EATON ULTRASHIFT % J1939 (CAN-BUS 500K) W/ ALLISON 1000-2000 TRANSMISSION & J1939 500K EATON EPS # W/ F-2013-ISL-ENG</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	K5F(+)	18	YL	3683464C1	3535424C1	A%	K5D(+)	18	YL	3683464C1	3535424C1	A&	K5C(+)	18	YL	3683464C1	3535424C1	A#	K5A(+)	18	YL	3683464C1	3535424C1	B*	K5F(-)	18	GN	3683464C1	3535424C1	B%	K5D(-)	18	GN	3683464C1	3535424C1	B&	K5C(-)	18	GN	3683464C1	3535424C1	B#	K5A(-)	18	GN	3683464C1	3535424C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																										
A	K5B(+)	18	YL	3683464C1	3535424C1																																																																										
B	K5B(-)	18	GN	3683464C1	3535424C1																																																																										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																										
A*	K5F(+)	18	YL	3683464C1	3535424C1																																																																										
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A&	K5C(+)	18	YL	3683464C1	3535424C1																																																																										
A#	K5A(+)	18	YL	3683464C1	3535424C1																																																																										
B*	K5F(-)	18	GN	3683464C1	3535424C1																																																																										
B%	K5D(-)	18	GN	3683464C1	3535424C1																																																																										
B&	K5C(-)	18	GN	3683464C1	3535424C1																																																																										
B#	K5A(-)	18	GN	3683464C1	3535424C1																																																																										
<p>J1939 W/ALLISON (7801B) (LOCATED NEAR DEF TANK HARNESS INTERCONNECT)</p>  <p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>K5D(+)</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>A*</td><td>K5A(+)</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>A@</td><td>K5F(+)</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>A#</td><td>K5C(+)</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> </tbody> </table> <p>W/ DURASTAR * W/ALLISON 3000 XMSN @ W/EATON ULTRASHIFT XMSN # W/EATON PRECISION XMSN</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K5D(+)	18	YL	1661875C1	3568570C1	A*	K5A(+)	18	YL	1661875C1	3568570C1	A@	K5F(+)	18	YL	1661875C1	3568570C1	A#	K5C(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	<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>K5D(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>C*</td><td>K5A(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>C@</td><td>K5F(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>C#</td><td>K5C(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	C	K5D(-)	18	GN	1661875C1	3568570C1	C*	K5A(-)	18	GN	1661875C1	3568570C1	C@	K5F(-)	18	GN	1661875C1	3568570C1	C#	K5C(-)	18	GN	1661875C1	3568570C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																										
A	K5D(+)	18	YL	1661875C1	3568570C1																																																																										
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A#	K5C(+)	18	YL	1661875C1	3568570C1																																																																										
B	PLUG	-	-	2025431C1	-																																																																										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																										
C	K5D(-)	18	GN	1661875C1	3568570C1																																																																										
C*	K5A(-)	18	GN	1661875C1	3568570C1																																																																										
C@	K5F(-)	18	GN	1661875C1	3568570C1																																																																										
C#	K5C(-)	18	GN	1661875C1	3568570C1																																																																										
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																									
MJVO	16DEC16	ADDED SYNONYM	G	93425N	MJVO367	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																									
F-2017-	SL-ENG	IN R/D 7801A.			92372W	16DEC13	PART NO. AE08058187 SHEET 92B																																																																								

Figure 900 Connector Composites (7777), (7800F), (7801), (7801A), (*7801A), (7801B)

13.227. CONNECTOR COMPOSITES (7801F), (7801M), (7801M2), (7801R), P. 93

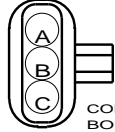

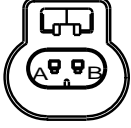




NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																											
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																													
TERMINATING RESISTOR (7801F) (LOCATED NEAR THE ENGINE ECM CONNECTION)  CONNECTOR 1667740C1 BODY LOCK 1667771C1				J1939 TRANS (7801M) (LOCATED NEAR THE ENGINE ECM CONNECTION)  CONNECTOR 1667741C1 BODY LOCK 1667771C1																																																													
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																						
A	K5E(+)	18	YL	1667742C1	3568570C1	A	L5C(+)	18	YL	1661875C1	3568570C1																																																						
B	PLUG	-	-	2025431C1	-	B	PLUG	-	-	2025431C1	-																																																						
C	K5F(-)	18	GN	1667742C1	3568570C1	C	L5C(-)	18	GN	1661875C1	3568570C1																																																						
W/ DURASTAR																																																																	
J1939 W/INCAB TCM (7801M) (LOCATED NEAR TO TRANSMISSION CONTROL MODULE)  CONNECTOR 3683465C1 BODY LOCK 3683466C1				<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>K5D(+)</td><td>18</td><td>YL</td><td>3683464C1</td><td>3535424C1</td> </tr> <tr> <td>A#</td><td>K5C(+)</td><td>18</td><td>YL</td><td>3683464C1</td><td>3535424C1</td> </tr> <tr> <td>A@</td><td>K5A(+)</td><td>18</td><td>YL</td><td>3683464C1</td><td>3535424C1</td> </tr> <tr> <td>A@</td><td>K5C(+)</td><td>18</td><td>YL</td><td>3683464C1</td><td>3535424C1</td> </tr> <tr> <td>B*</td><td>K5D(-)</td><td>18</td><td>GN</td><td>3683464C1</td><td>3535424C1</td> </tr> <tr> <td>B#</td><td>K5C(-)</td><td>18</td><td>GN</td><td>3683464C1</td><td>3535424C1</td> </tr> <tr> <td>B@</td><td>K5A(-)</td><td>18</td><td>GN</td><td>3683464C1</td><td>3535424C1</td> </tr> <tr> <td>B@</td><td>K5C(-)</td><td>18</td><td>GN</td><td>3683464C1</td><td>3535424C1</td> </tr> </table> # W/ F-2013-ISL-ENG * W/ F-2017-ISB-ENG @ W/ F-2017-ISL-ENG								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	K5D(+)	18	YL	3683464C1	3535424C1	A#	K5C(+)	18	YL	3683464C1	3535424C1	A@	K5A(+)	18	YL	3683464C1	3535424C1	A@	K5C(+)	18	YL	3683464C1	3535424C1	B*	K5D(-)	18	GN	3683464C1	3535424C1	B#	K5C(-)	18	GN	3683464C1	3535424C1	B@	K5A(-)	18	GN	3683464C1	3535424C1	B@	K5C(-)	18	GN	3683464C1	3535424C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																												
A*	K5D(+)	18	YL	3683464C1	3535424C1																																																												
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B*	K5D(-)	18	GN	3683464C1	3535424C1																																																												
B#	K5C(-)	18	GN	3683464C1	3535424C1																																																												
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B@	K5C(-)	18	GN	3683464C1	3535424C1																																																												
J1939 RESISTOR (7801M) (LOCATED NEAR THE ENGINE ECM CONNECTION)  CONNECTOR 1667741C1 BODY LOCK 1667771C1 * W/ ALLISON LCT GEN IV # W/ ALLISON WTEC GEN IV AND BACK BONE & W/ V8 ENGINE				J1939 RESISTOR (7801M) (LOCATED ON RIGHT FRAME RAIL)  CONNECTOR 1667741C1 BODY LOCK 1667771C1																																																													
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																						
A#	K5C(+)	18	YL	1661875C1	3568570C1	A	K5DG(+)	18	YL	1661875C1	3568570C1																																																						
A*	K5D(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-																																																						
A&	K5C(+)	18	YL	1661875C1	3568570C1	C	K5DG(-)	18	GN	1661875C1	3568570C1																																																						
B	PLUG	-	-	2025431C1	-	W/16 ENGINE																																																											
C#	K5C(-)	18	GN	1661875C1	3568570C1																																																												
C*	K5D(-)	18	GN	1661875C1	3568570C1																																																												
C&	K5C(-)	18	GN	1661875C1	3568570C1																																																												
J1939 RESISTOR (7801M2) (LOCATED NEAR THE ENGINE ECM CONNECTION)  CONNECTOR 1667741C1 BODY LOCK 1667771C1				INVERTER J1939 (7801R) (LOCATED NEAR THE ENGINE ECM CONNECTION)  CONNECTOR 1667741C1 BODY LOCK 1667771C1																																																													
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																						
A	K5C(+)	18	YL	1661875C1	3568570C1	A	K5G(+)	18	YL	1661875C1	3568570C1																																																						
B	PLUG	-	-	2025431C1	-	B	PLUG	-	-	2025431C1	-																																																						
C	K5C(-)	18	GN	1661875C1	3568570C1	C	K5G(-)	18	GN	1661875C1	3568570C1																																																						
<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>08 OCT 16</td><td>REVISED AND REDRAWN.</td><td>F</td><td>93425N</td><td>310615</td><td>CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500</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>61229V</td><td>08 JUN 09</td><td>AE08058187</td><td>093</td> </tr> </table>												CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	MJVO	08 OCT 16	REVISED AND REDRAWN.	F	93425N	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500						RELEASE NO.	DATE	PART NO.	SHEET						61229V	08 JUN 09	AE08058187	093																						
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					61229V	08 JUN 09	AE08058187	093																																																									

Figure 901 Connector Composites (7801F), (7801M), (7801M2), (7801R)

13.228. CONNECTOR COMPOSITES (7802), (7803), (7803A), (7900), (7901), P. 94

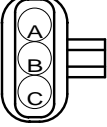
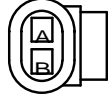
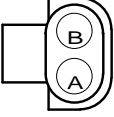
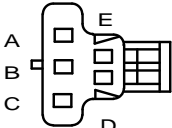

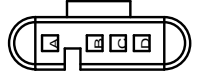
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 <p>CONNECTOR 1667740C1 BODY LOCK 1667771C1</p>				RELOCATED J1939 TERMINATING RESISTOR (7802) (LOCATED NEAR THE ENGINE ECM CONNECTION)																																																																																																		
NEUTRAL SWITCH (7802) (W/ IBB ENGINE)				 <p>CONNECTOR 3522068C1 BODY LOCK 1661874C1</p>				LIFT GATE (7803) (LOCATED AT BACK OF CAB)																																																																																														
 <p>CONNECTOR 3540051C91</p>				W/ WORKSTAR W/ TRANSTAR W/ DURASTAR				LIFT GATE (7803A) (LOCATED AT BACK OF CAB)																																																																																														
<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>K97J</td><td>18</td><td>VT</td><td>0587578C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>K97S</td><td>18</td><td>VT</td><td>0587578C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K97J	18	VT	0587578C1	1652325C1	B	K97S	18	VT	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>K5C(+)</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>K5C(-)</td><td>18</td><td>GN</td><td>1667742C1</td><td>3568570C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K5C(+)	18	YL	1667742C1	3568570C1	B	PLUG	-	-	2025431C1	-	C	K5C(-)	18	GN	1667742C1	3568570C1	<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>N112</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>N112-GD</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N112	16	GY	1661875C1	1661872C1	B	N112-GD	16	WH	1661875C1	1661872C1																															
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B	N112-GD	16	WH	1661875C1	1661872C1																																																																																																	
TRANSFER CASE TO ENGINE (7803)				 <p>CONNECTOR 3522252C1 BODY LOCK 3522253C1</p>				LIFT GATE (7803) (LOCATED AT BACK OF CAB)																																																																																														
W/ DURASTAR				 <p>CONNECTOR 3539141C1 BODY LOCK 3539146C1</p>				PARK PAWL (7901) (LOCATED ON ENGINE)																																																																																														
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																																	
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2	N112-GD	16	WH	3686944C1																																																																																																		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																		
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1*	K92BK	16	BK	3555249C1																																																																																																		
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LIFT GATE (7803) (LOCATED AT BACK OF CAB)				CONNECTOR 3950690C1				* EATON ULTRASHIFT W/ PARK PAWL																																																																																														
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																		
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Figure 902 Connector Composites (7802), (7803), (7803A), (7900), (7901)

13.229. CONNECTOR COMPOSITES (*7901), (7905), (7905A), P. 95

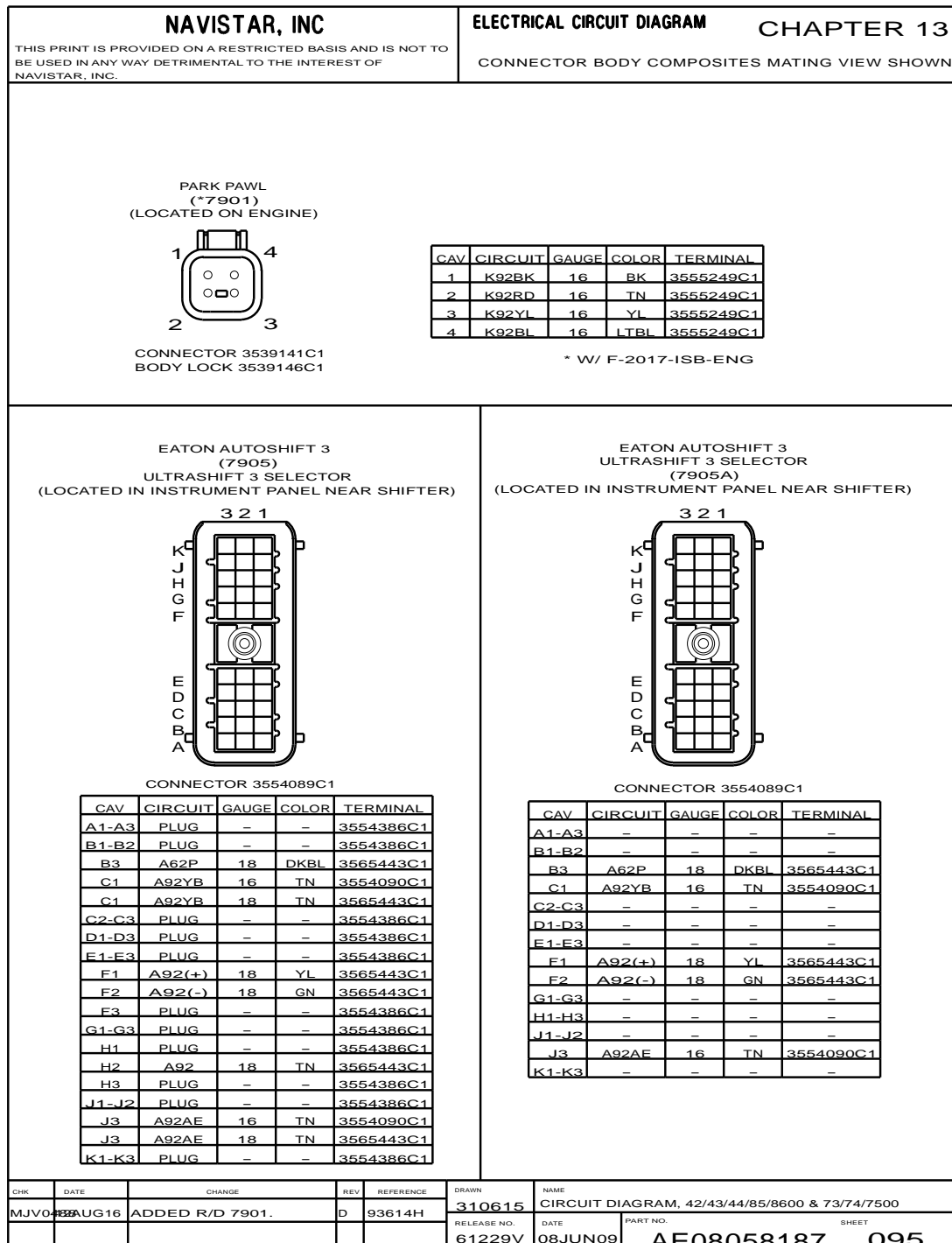


Figure 903 Connector Composites (*7901), (7905), (7905A)

13.230. CONNECTOR COMPOSITES (7909), P. 95A

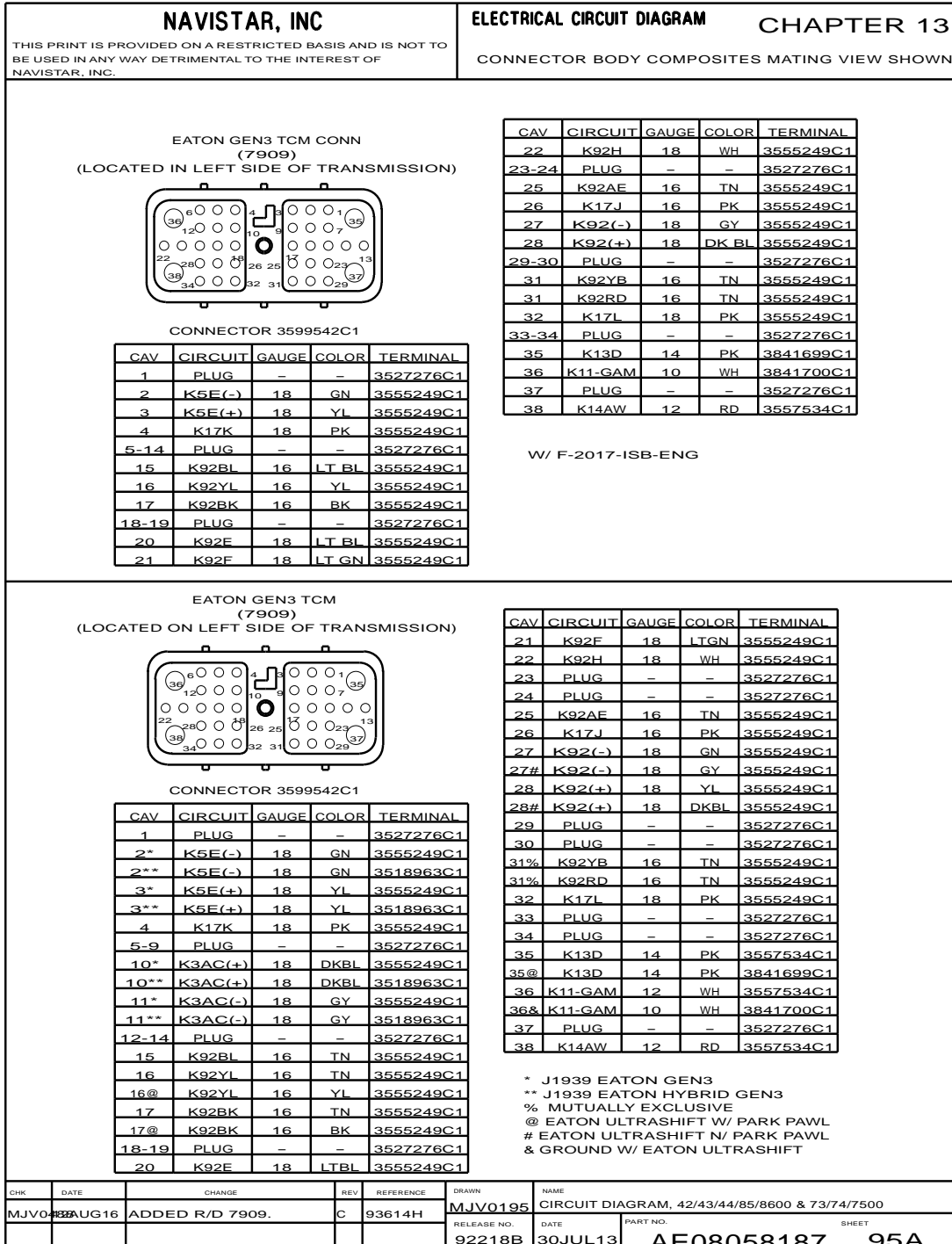


Figure 904 Connector Composites (7909)

13.231. CONNECTOR COMPOSITES (7910), (7911), P. 96

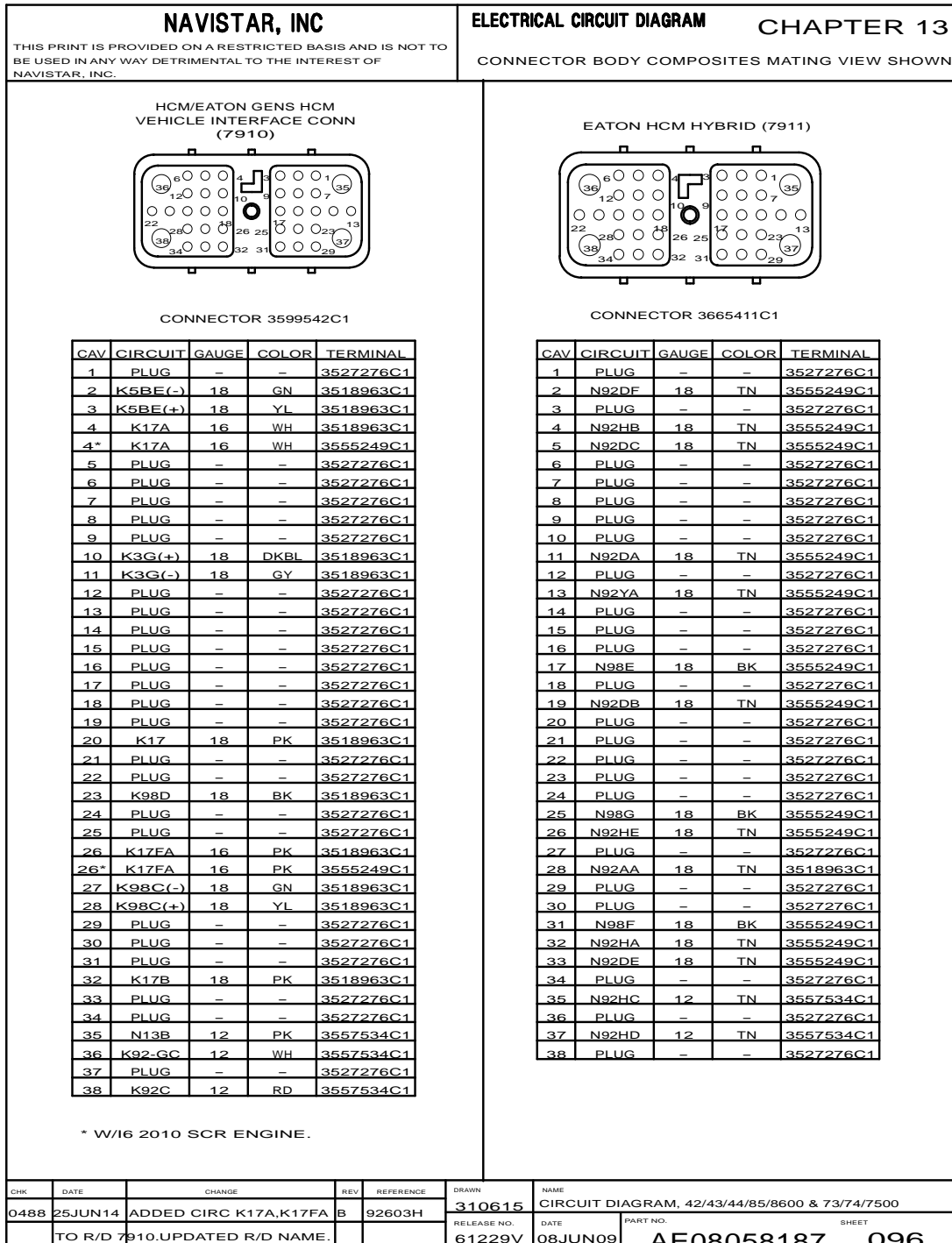


Figure 905 Connector Composites (7910), (7911)

13.232. CONNECTOR COMPOSITES (8000), (8000A), (8001), P. 97

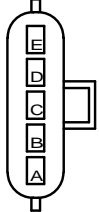
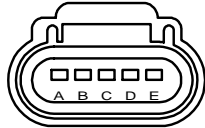
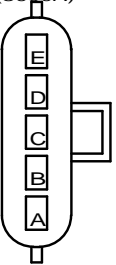
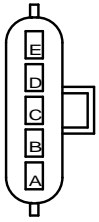
NAVISTAR, INC		ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																	
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Figure 906 Connector Composites (8000), (8000A), (8001)

13.233. CONNECTOR COMPOSITES (8001A), (8102A), (8102), (8103), (8103A), (8150A), (8151A), P. 97A

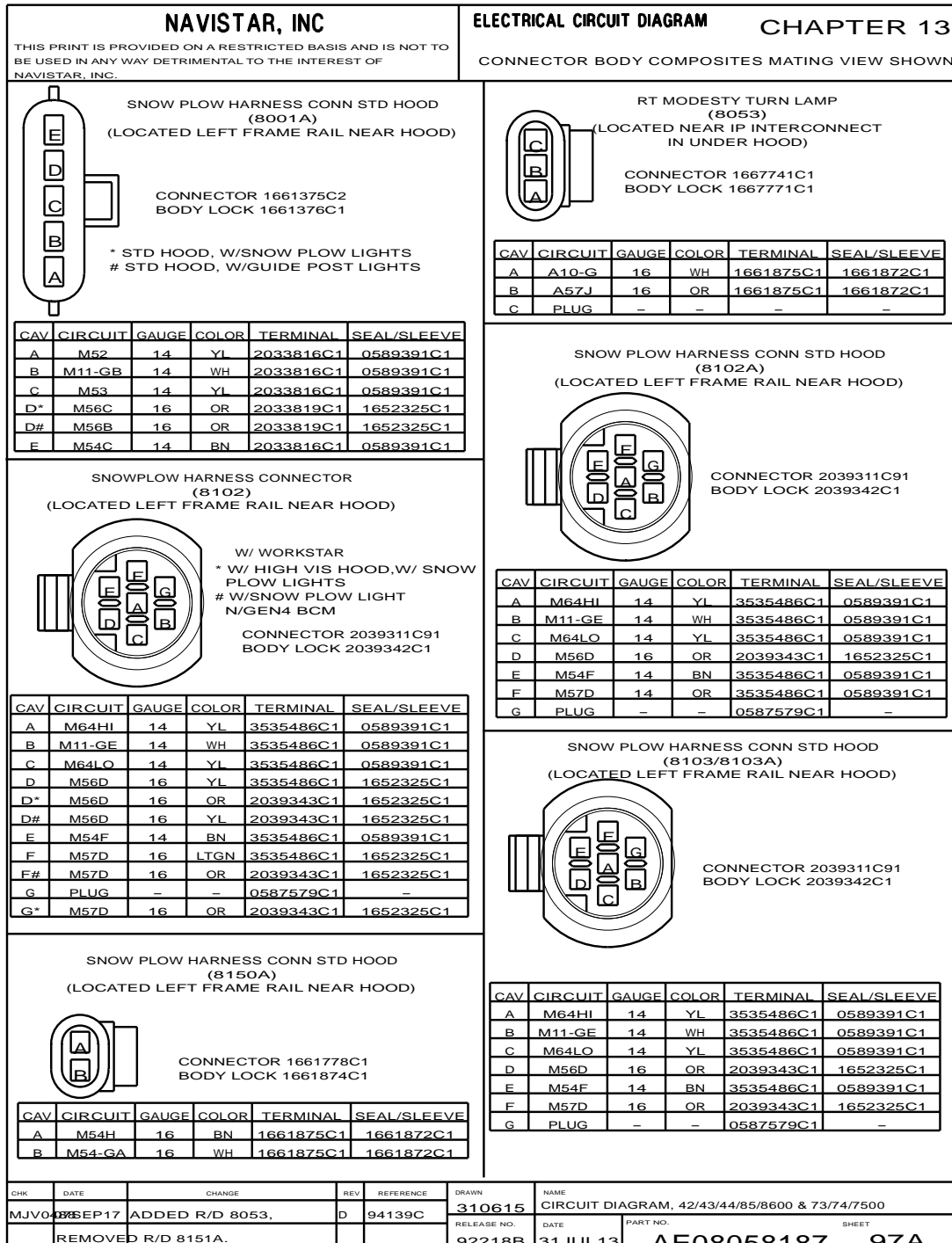


Figure 907 Connector Composites (8001A), (8102A), (8102), (8103), (8103A), (8150A), (8151A)

13.234. CONNECTOR COMPOSITES (8103), (8150), (8151), P. 98

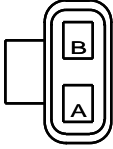
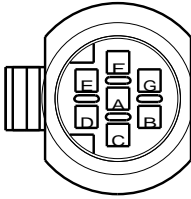
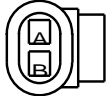
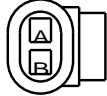
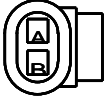
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																																																																														
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CONNECTOR 1667639C1 BODY LOCK 1675451C1						CONNECTOR 2039311C91 BODY LOCK 2039342C1																																																																																
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Figure 908 Connector Composites (8103), (8150), (8151)

13.235. CONNECTOR COMPOSITES (8200), (8200X), (8201), (8201X), P. 99

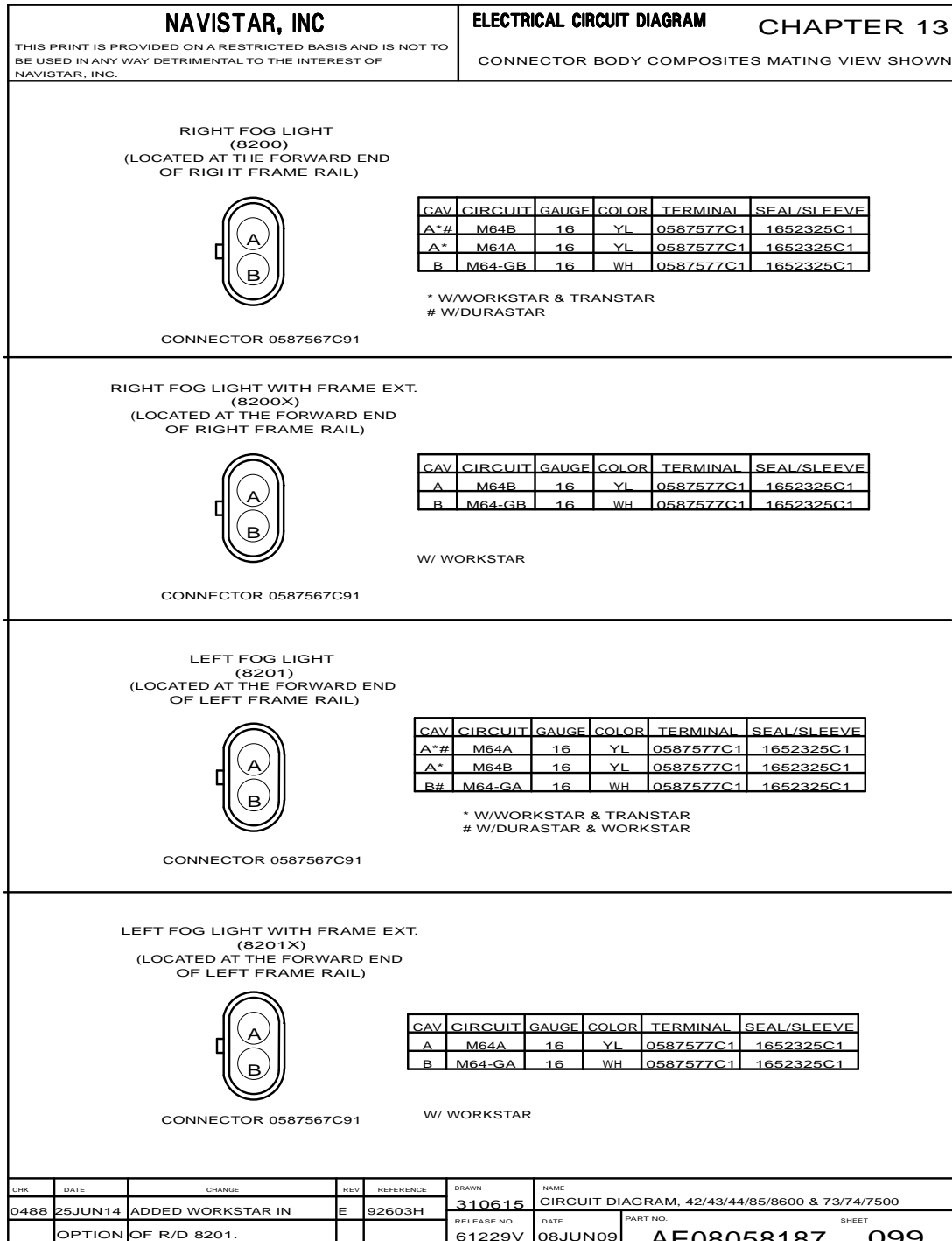


Figure 909 Connector Composites (8200), (8200X), (8201), (8201X)

13.236. CONNECTOR COMPOSITES (8301), (8301A), (8303), (8410), (8500), P. 99A




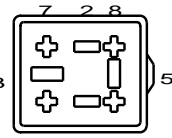
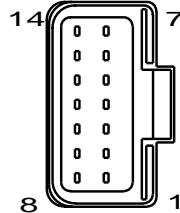
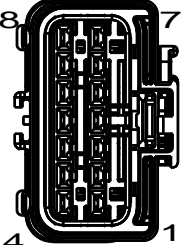
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<p>ELECTRIC HORN (8301) (LOCATED ON LEFT FRAME RAIL BY ENGINE CROSSMEMBER)</p>  <p>CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M85E</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M85-GA</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> <p style="text-align: center;">W/ WORKSTAR</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M85E	16	GY	1661875C1	1661872C1	B	M85-GA	16	WH	1661875C1	1661872C1	<p>ELECTRIC HORN/ELECTRIC HORN HIGH VISIBILITY HOOD (8301A) (LOCATED UNDER ENGINE CROSSMEMBER)</p>  <p>CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M85E</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M85-GC</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M85E	16	GY	1661875C1	1661872C1	B	M85-GC	16	WH	1661875C1	1661872C1																																																																																																																		
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<p>ELECTRIC HORN #1 (8303) (LOCATED UNDER ENGINE CROSSMEMBER)</p>  <p>CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A*</td> <td>M85E</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M85-GF</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> <p style="text-align: center;">W/ TRANSTAR * W/ SINGLE HORN</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	M85E	16	GY	1661875C1	1661872C1	B	M85-GF	16	WH	1661875C1	1661872C1	<p>FLAME START RELAY (8410) (LOCATED IN ENGINE COMPARTMENT)</p> <p>(W/ IBB ENGINE)</p>  <p>CONNECTOR 3664985C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K21A1</td> <td>12</td> <td>TN</td> <td>3664983C1</td> <td>3664987C1</td> </tr> <tr> <td>2</td> <td>K21A2</td> <td>12</td> <td>TN</td> <td>3664983C1</td> <td>3664987C1</td> </tr> <tr> <td>3</td> <td>K14A</td> <td>8</td> <td>RD</td> <td>3664982C1</td> <td>3664986C1</td> </tr> <tr> <td>4-5</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3664989C1</td> <td>-</td> </tr> <tr> <td>6</td> <td>K21B1</td> <td>18</td> <td>TN</td> <td>3664984C1</td> <td>3664988C1</td> </tr> <tr> <td>7</td> <td>K21B2</td> <td>18</td> <td>TN</td> <td>3664984C1</td> <td>3664988C1</td> </tr> <tr> <td>8</td> <td>K21B3</td> <td>18</td> <td>TN</td> <td>3664984C1</td> <td>3664988C1</td> </tr> <tr> <td>9</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3664989C1</td> <td>-</td> </tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K21A1	12	TN	3664983C1	3664987C1	2	K21A2	12	TN	3664983C1	3664987C1	3	K14A	8	RD	3664982C1	3664986C1	4-5	PLUG	-	-	3664989C1	-	6	K21B1	18	TN	3664984C1	3664988C1	7	K21B2	18	TN	3664984C1	3664988C1	8	K21B3	18	TN	3664984C1	3664988C1	9	PLUG	-	-	3664989C1	-																																																																														
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8	K21B3	18	TN	3664984C1	3664988C1																																																																																																																																																												
9	PLUG	-	-	3664989C1	-																																																																																																																																																												
<p>OEM CROSSOVER (8500) (LOCATED IN ENGINE COMPARTMENT NEAR TO ECM CONNECTOR)</p>  <p>CONNECTOR 3573078C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3573076C1</td> </tr> <tr> <td>2</td> <td>K5A(+)</td> <td>18</td> <td>YL</td> <td>3573077C1</td> </tr> <tr> <td>2*</td> <td>K5A(+)</td> <td>18</td> <td>YL</td> <td>3613771C1</td> </tr> <tr> <td>3-5</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3573076C1</td> </tr> <tr> <td>6</td> <td>K13B</td> <td>18</td> <td>PK</td> <td>3573077C1</td> </tr> <tr> <td>7</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3573076C1</td> </tr> <tr> <td>8</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3573076C1</td> </tr> <tr> <td>9</td> <td>K5A(-)</td> <td>18</td> <td>GN</td> <td>3573077C1</td> </tr> <tr> <td>9*</td> <td>K5A(-)</td> <td>18</td> <td>GN</td> <td>3613771C1</td> </tr> <tr> <td>10-12</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3573076C1</td> </tr> <tr> <td>13*</td> <td>K10-G2</td> <td>18</td> <td>WH</td> <td>3573077C1</td> </tr> <tr> <td>13</td> <td>K10-G2</td> <td>18</td> <td>BK</td> <td>3573077C1</td> </tr> <tr> <td>14</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3573076C1</td> </tr> </tbody> </table> <p style="text-align: center;">* W/ F-2013-ISL-ENG</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	PLUG	-	-	3573076C1	2	K5A(+)	18	YL	3573077C1	2*	K5A(+)	18	YL	3613771C1	3-5	PLUG	-	-	3573076C1	6	K13B	18	PK	3573077C1	7	PLUG	-	-	3573076C1	8	PLUG	-	-	3573076C1	9	K5A(-)	18	GN	3573077C1	9*	K5A(-)	18	GN	3613771C1	10-12	PLUG	-	-	3573076C1	13*	K10-G2	18	WH	3573077C1	13	K10-G2	18	BK	3573077C1	14	PLUG	-	-	3573076C1	<p>OEM CROSSOVER (8500) (LOCATED IN ENGINE COMPARTMENT NEAR TO ECM CONNECTOR)</p> <p>W/ F-2017-ISB-ENG * W/ F-2017-ISL-ENG</p>  <p>CONNECTOR 6114576C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95MC</td> <td>20</td> <td>TN</td> <td>3573077C1</td> </tr> <tr> <td>1*</td> <td>K95H</td> <td>18</td> <td>TN</td> <td>3573077C1</td> </tr> <tr> <td>2</td> <td>K5A(+)</td> <td>18</td> <td>YL</td> <td>3573077C1</td> </tr> <tr> <td>3-4</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3573076C1</td> </tr> <tr> <td>5</td> <td>K95TB</td> <td>18</td> <td>GY</td> <td>3573077C1</td> </tr> <tr> <td>6</td> <td>K13B</td> <td>18</td> <td>PK</td> <td>3573077C1</td> </tr> <tr> <td>6*</td> <td>K13AB</td> <td>18</td> <td>RD</td> <td>3573077C1</td> </tr> <tr> <td>7</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3573076C1</td> </tr> <tr> <td>8</td> <td>K95AR2</td> <td>18</td> <td>TN</td> <td>3573077C1</td> </tr> <tr> <td>8*</td> <td>K95AR2</td> <td>18</td> <td>RD</td> <td>3573077C1</td> </tr> <tr> <td>9</td> <td>K5A(-)</td> <td>18</td> <td>GN</td> <td>3573077C1</td> </tr> <tr> <td>10-12</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3573076C1</td> </tr> <tr> <td>13</td> <td>K10-G3</td> <td>18</td> <td>WH</td> <td>3573077C1</td> </tr> <tr> <td>13*</td> <td>K10-GK</td> <td>16</td> <td>BK</td> <td>3989901C1</td> </tr> <tr> <td>14</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3573076C1</td> </tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95MC	20	TN	3573077C1	1*	K95H	18	TN	3573077C1	2	K5A(+)	18	YL	3573077C1	3-4	PLUG	-	-	3573076C1	5	K95TB	18	GY	3573077C1	6	K13B	18	PK	3573077C1	6*	K13AB	18	RD	3573077C1	7	PLUG	-	-	3573076C1	8	K95AR2	18	TN	3573077C1	8*	K95AR2	18	RD	3573077C1	9	K5A(-)	18	GN	3573077C1	10-12	PLUG	-	-	3573076C1	13	K10-G3	18	WH	3573077C1	13*	K10-GK	16	BK	3989901C1	14	PLUG	-	-	3573076C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																																																																													
1	PLUG	-	-	3573076C1																																																																																																																																																													
2	K5A(+)	18	YL	3573077C1																																																																																																																																																													
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3-5	PLUG	-	-	3573076C1																																																																																																																																																													
6	K13B	18	PK	3573077C1																																																																																																																																																													
7	PLUG	-	-	3573076C1																																																																																																																																																													
8	PLUG	-	-	3573076C1																																																																																																																																																													
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14	PLUG	-	-	3573076C1																																																																																																																																																													
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																																																																													
1	K95MC	20	TN	3573077C1																																																																																																																																																													
1*	K95H	18	TN	3573077C1																																																																																																																																																													
2	K5A(+)	18	YL	3573077C1																																																																																																																																																													
3-4	PLUG	-	-	3573076C1																																																																																																																																																													
5	K95TB	18	GY	3573077C1																																																																																																																																																													
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6*	K13AB	18	RD	3573077C1																																																																																																																																																													
7	PLUG	-	-	3573076C1																																																																																																																																																													
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14	PLUG	-	-	3573076C1																																																																																																																																																													
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																																																																																																										
MJV0	08OCT16	REVISED AND REDRAWN.	F	93425N	MJV0088																																																																																																																																																												
92218B	31JUL13	AE08058187	99A																																																																																																																																																														

Figure 910 Connector Composites (8301), (8301A), (8303), (8410), (8500)

13.237. CONNECTOR COMPOSITES (8500), (8501), (8502), (8502A), (8502B), (8503), P. 100

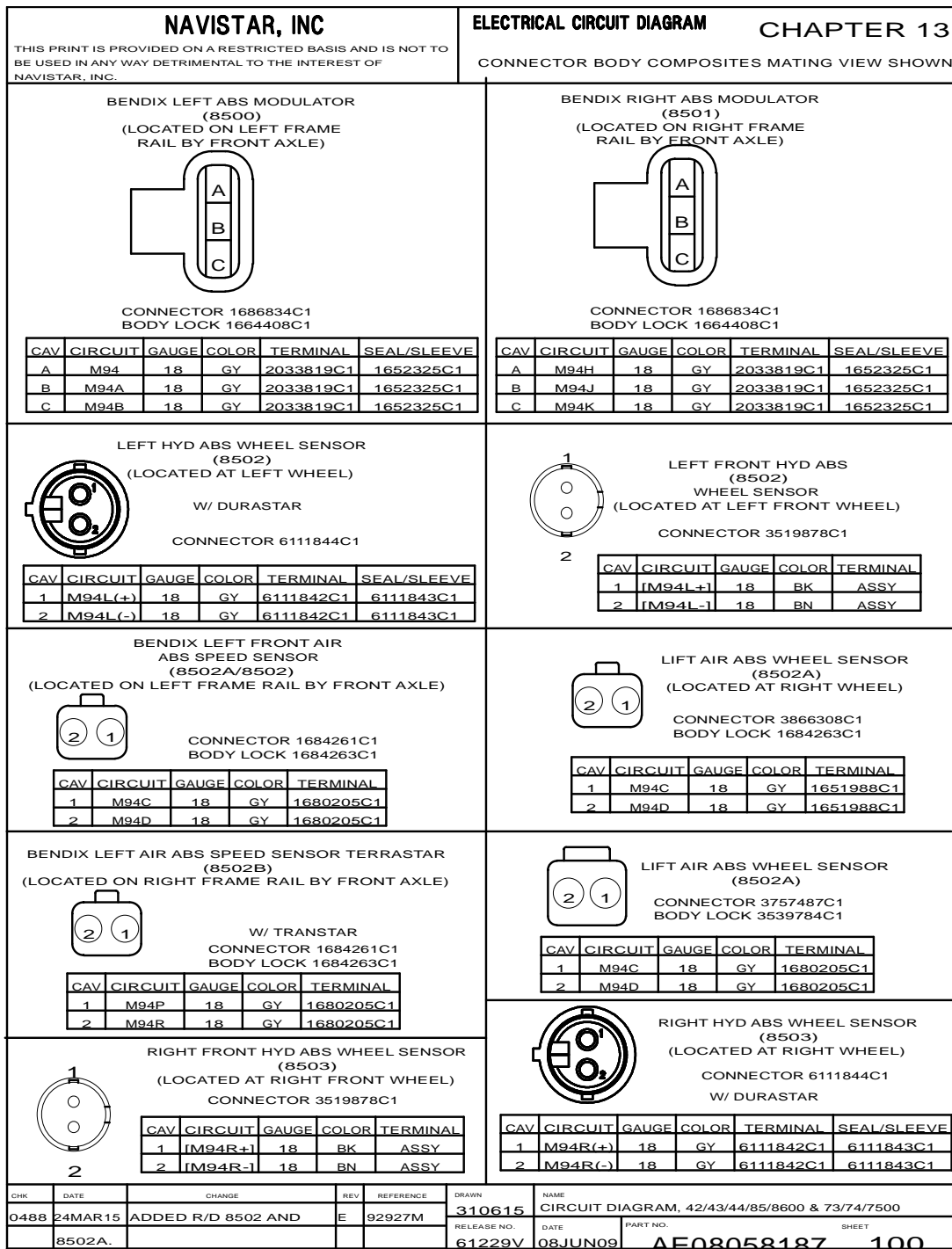


Figure 911 Connector Composites (8500), (8501), (8502), (8502A), (8502B), (8503)

13.238. CONNECTOR COMPOSITES (8503A), (8503B), (8503C), (8505), (8506), (8506A), (8507), P. 101

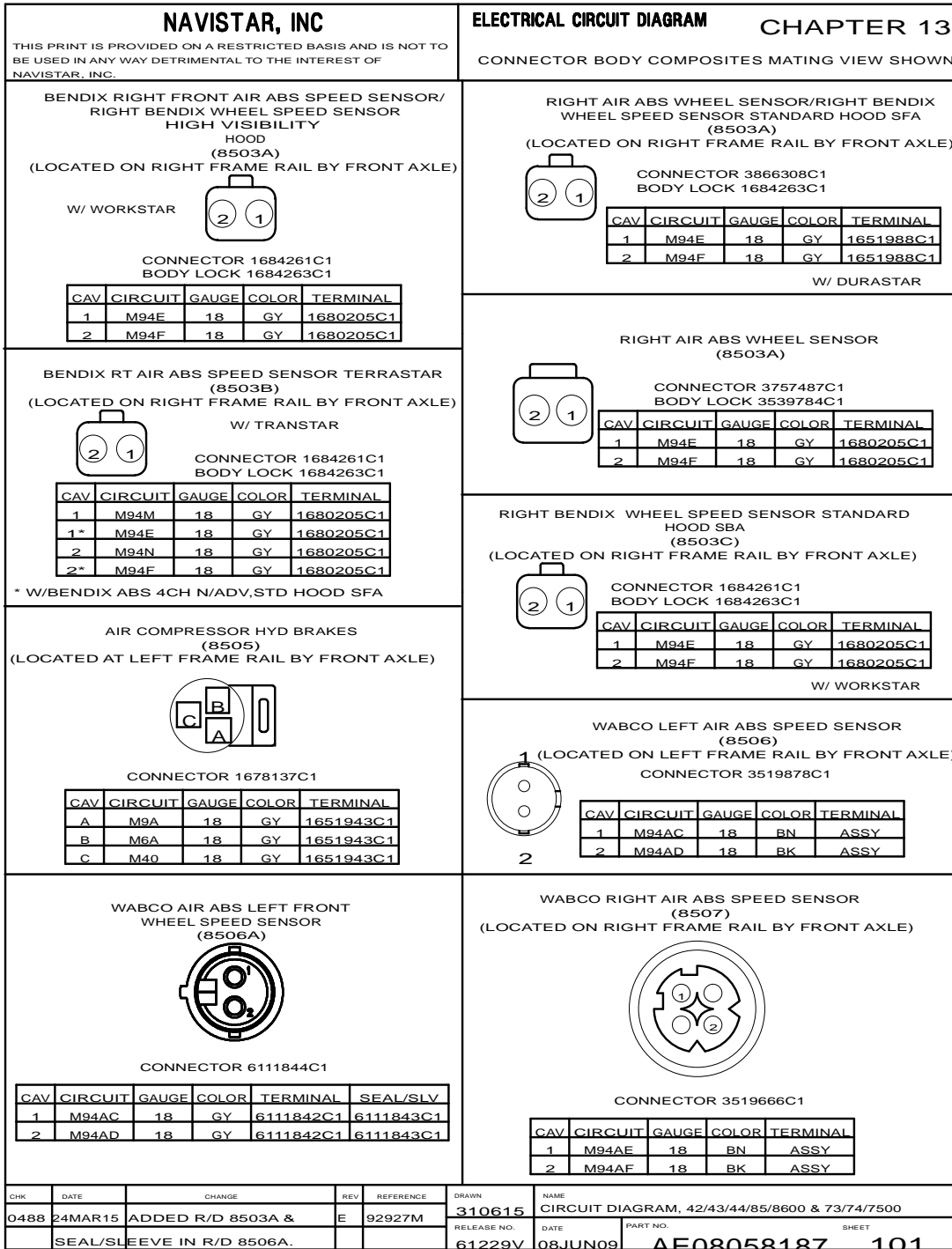


Figure 912 Connector Composites (8503A), (8503B), (8503C), (8505), (8506), (8506A), (8507)

13.239. CONNECTOR COMPOSITES (8507A), (8507B), (8507C), (8508), (8508A), (8509), (8509A), P. 102

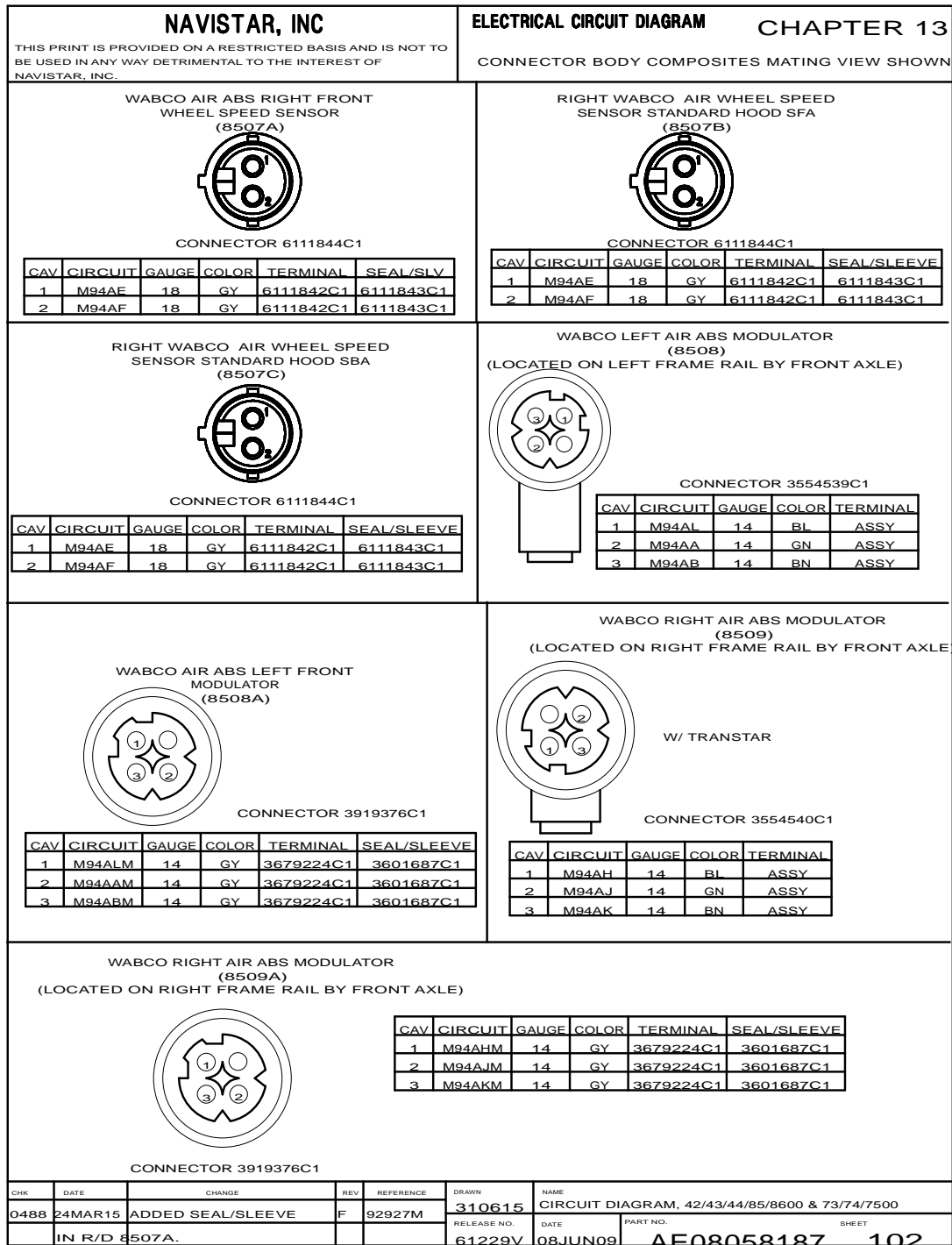


Figure 913 Connector Composites (8507A), (8507B), (8507C), (8508), (8508A), (8509), (8509A)

13.240. CONNECTOR COMPOSITES (8520), (8600), (8600A), (8601), (8602), (8700 / 8700B / 8700C), (8700A), P. 103

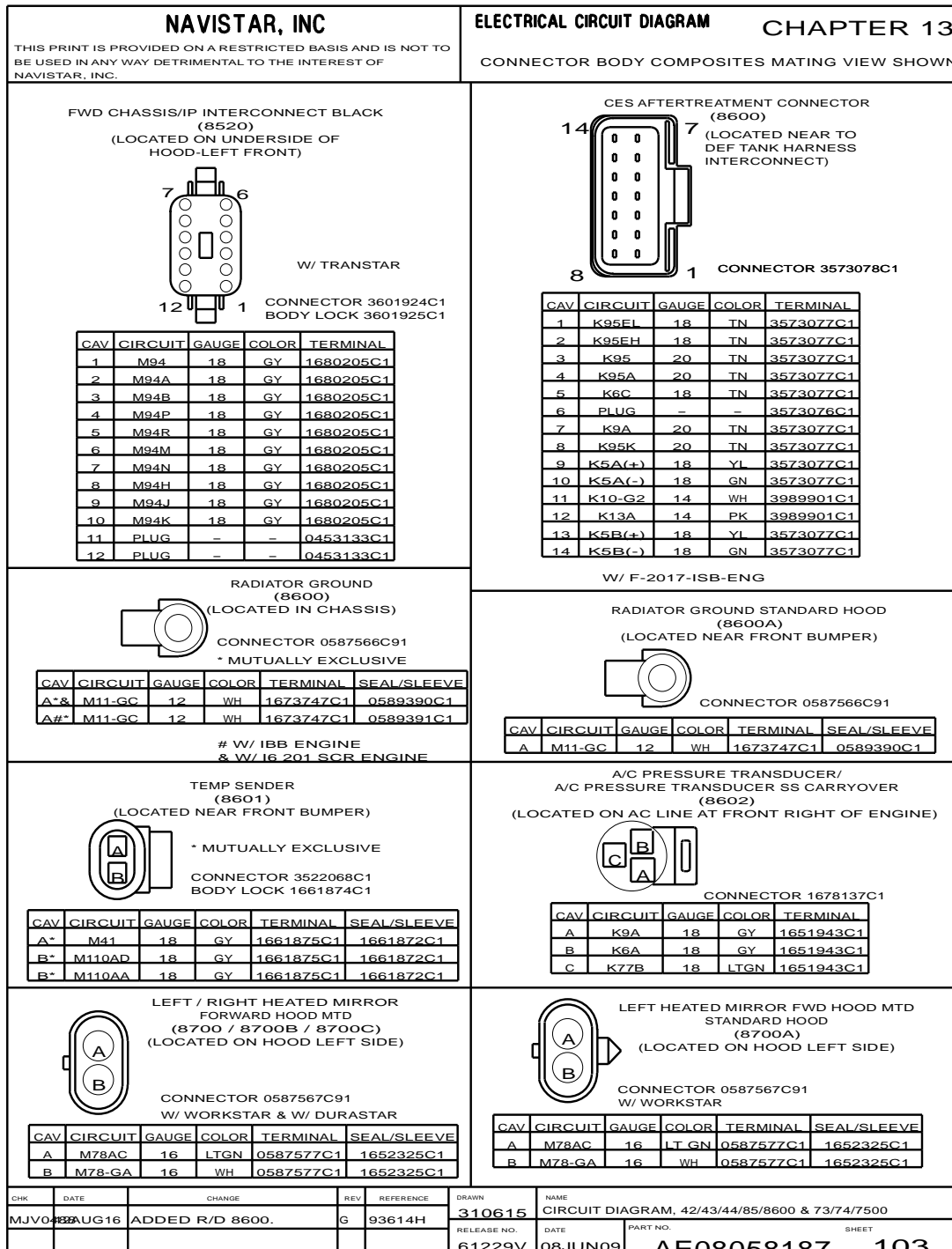


Figure 914 Connector Composites (8520), (8600), (8600A), (8601), (8602), (8700 / 8700B / 8700C), (8700A)

13.241. CONNECTOR COMPOSITES (8701), (8701A), (8702A), P. 104

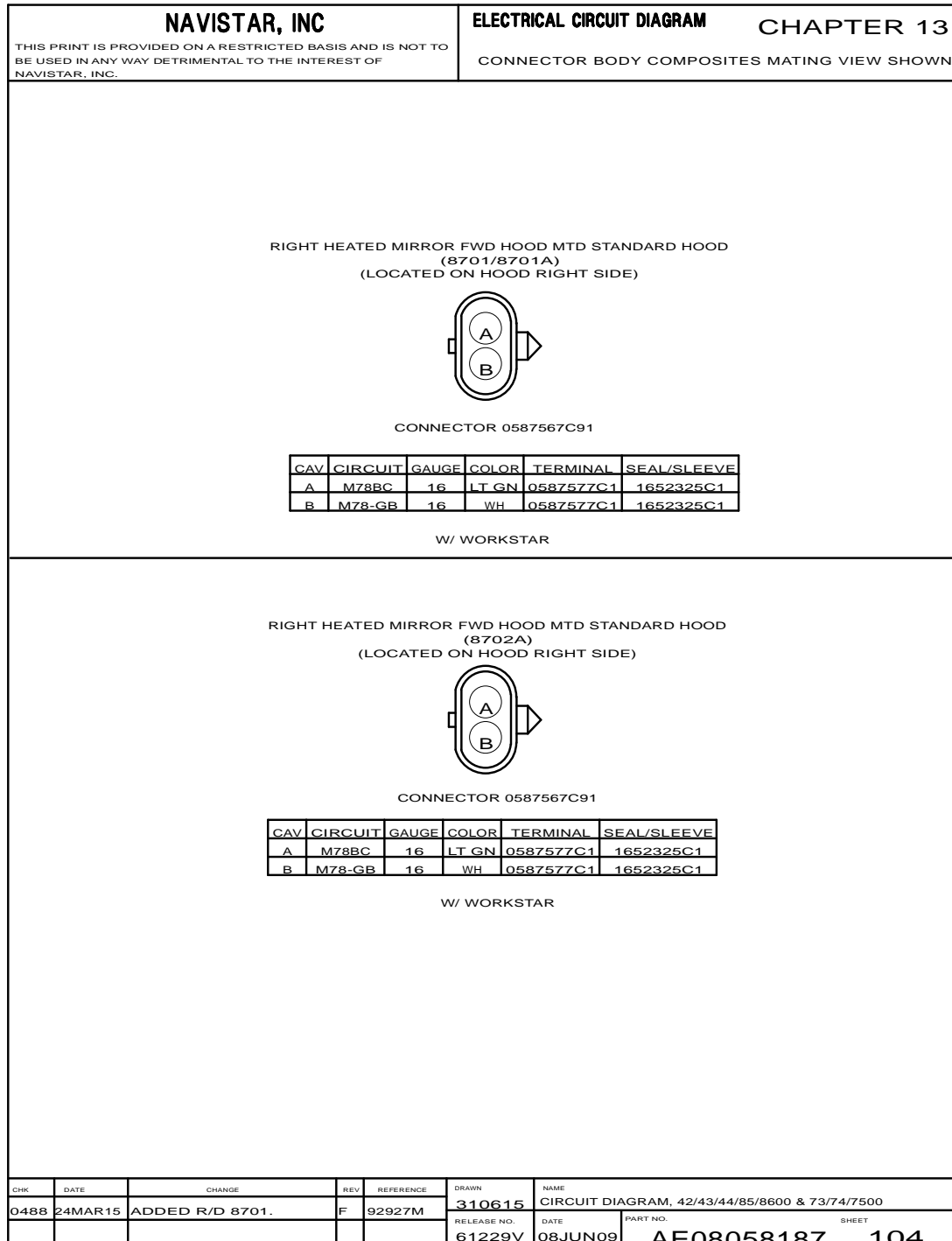


Figure 915 Connector Composites (8701), (8701A), (8702A)

13.242. CONNECTOR COMPOSITES (8701),(8702), (8750), (8800), (8802), (8803), P. 105

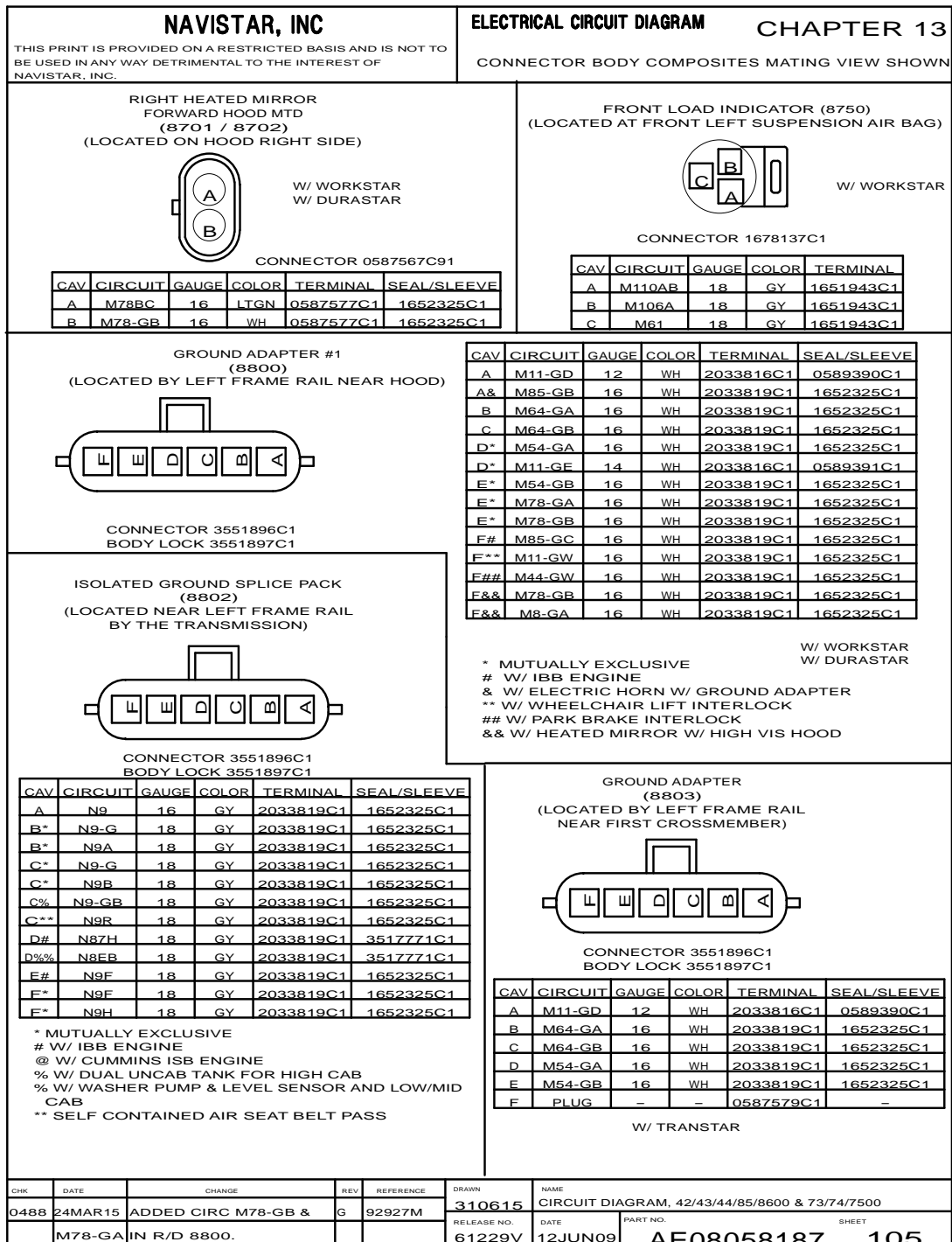


Figure 916 Connector Composites (8701),(8702), (8750), (8800), (8802), (8803)

13.243. CONNECTOR COMPOSITES (8804), (8805), (8805A), (8806), P. 106

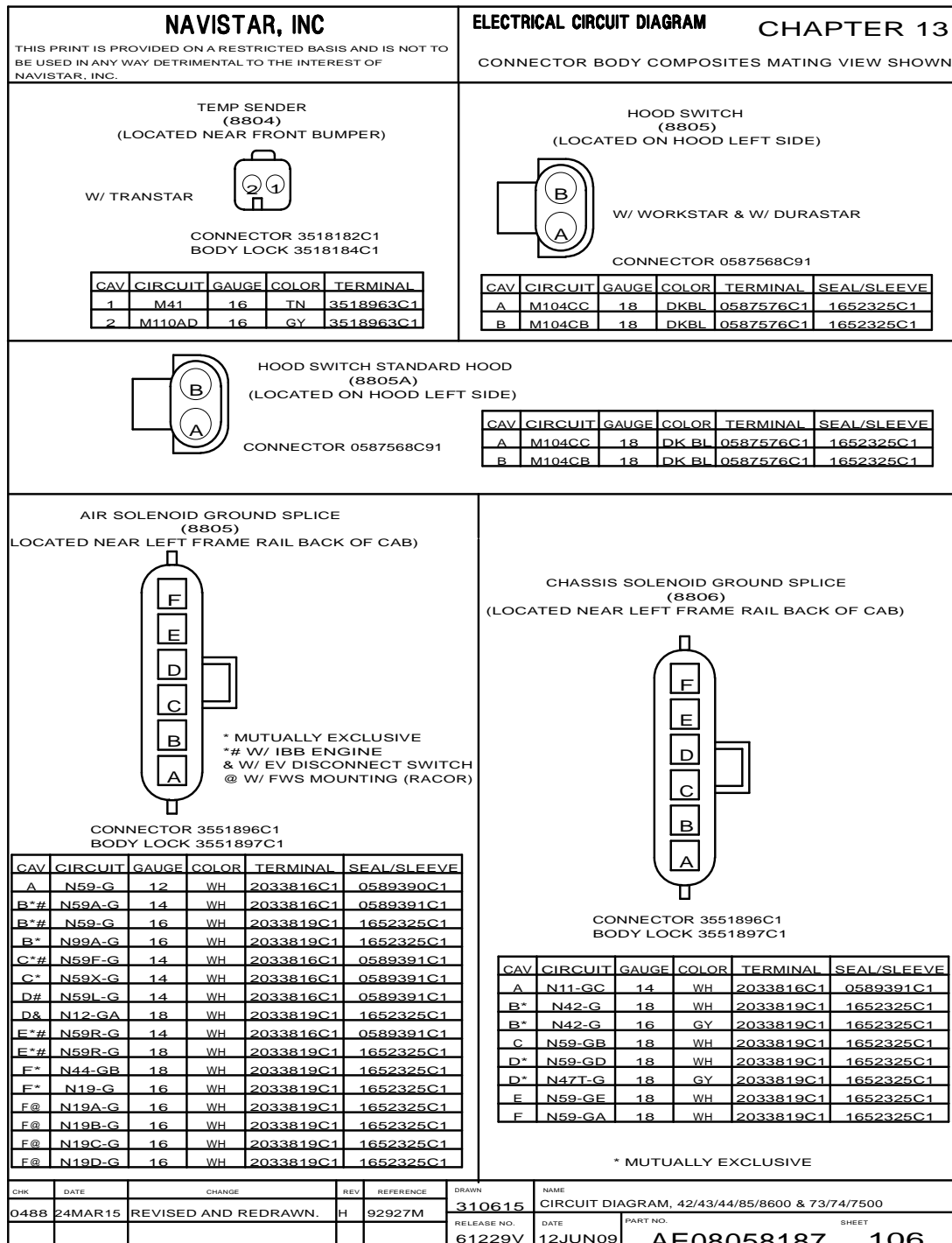


Figure 917 Connector Composites (8804), (8805), (8805A), (8806)

13.244. CONNECTOR COMPOSITES (8807), (8809), (8881), (8882), (8883), P. 107

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

CHASSIS GROUND SPLICE PACK
(8807)
(LOCATED NEAR LEFT FRAME RAIL
BACK OF CAB)

CONNECTOR 3551896C1
BODY LOCK 3551897C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N11-GA	12	WH	2033816C1	0589390C1
B	N10-G	12	WH	2033816C1	0589391C1
C	N39-GB	16	WH	2033819C1	1652325C1
D*	N39-GF	18	WH	2033819C1	1652325C1
D#	N39-G	18	WH	2033819C1	1652325C1
E*	N11-GC	14	WH	2033816C1	0589391C1
E*	N42-G	16	GY	2033819C1	1652325C1
E*	N10-GB	14	WH	2033816C1	0589391C1
E%	N42-G	18	WH	3551896C1	1652325C1
E%	N42G	18	WH	2033819C1	1652325C1
E@	N42G	16	WH	2033819C1	1652325C1
F*	N11-GD	12	WH	2033816C1	0589390C1
F*	N11-GBB	12	WH	2033816C1	0589390C1
F#	N22-G	16	WH	2033819C1	1652325C1

* MUTUALLY EXCLUSIVE
W/ IBB ENGINE % W/TRANSFER CASE
@ TRANSFER CASE W/13TKH W/LCT XMSN

CHASSIS GROUND SPLICE PACK
(8809)
(LOCATED NEAR LEFT FRAME
RAIL BY ENGINE REAR AREA)

CONNECTOR 3551896C1
BODY LOCK 3551897C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N11-GB	12	WH	2033816C1	0589390C1
B@	N37-G	18	WH	2033819C1	1652325C1
B%	N10-GA	18	WH	2033819C1	1652325C1
C#	N10-GS	14	WH	2033816C1	0589391C1
C*	N10-GR	14	WH	2033816C1	0589391C1
D*	N65-G	16	WH	2033819C1	1652325C1
D*	N11-GD	16	WH	2033819C1	1652325C1
D#	N65-G	14	WH	2033816C1	0589391C1
D*	N112-GD	16	WH	2033819C1	1652325C1
E	N49-G	18	WH	2033819C1	1652325C1
F	N59-G	12	WH	2033816C1	0589390C1

* MUTUALLY EXCLUSIVE @ W/ CUMMINS ISB ENGINE
W/ IBB ENGINE % W/DUAL TANK FOR HIGH, MEDIUM CAB

VDR1
(8881)
(LOCATED UNDER
INSTRUMENT PANEL)

CONNECTOR 3553404C1
BODY LOCK 3553460C1

* MUTUALLY EXCLUSIVE

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	PLUG	-	-	3527276C1
2	PLUG	-	-	3527276C1
3	PLUG	-	-	3527276C1
4	PLUG	-	-	3527276C1
5*	A5(-)	18	GN	3518963C1
5*	A5A(-)	18	GN	3518963C1
5*	A5D1(-)	18	YL	3518963C1
6	A5A	18	GN	3518963C1
7	A5B	18	YL	3518963C1
8*	A5(+)	18	YL	3518963C1
8*	A5A(+)	18	YL	3518963C1
8*	A5D1(+)	18	GN	3518963C1
9	PLUG	-	-	3527276C1
10*	A13AA	18	RD	3518963C1
10*	A13A	18	RD	3518963C1
10*	A14RA	18	RD	3518963C1
11	PLUG	-	-	3527276C1
12*	A11A	18	WH	3518963C1
12*	A11-GAN	18	WH	3518963C1
12*	A11-G2	18	WH	3518963C1

VDR 2
(8882)
(LOCATED UNDER
INSTRUMENT PANEL)

CONNECTOR 3586750C1
BODY LOCK 3553460C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1*	A11-GA	18	WH	3518963C1
1*	A11-GA2	18	WH	3518963C1
1%#	A11-GA1	18	WH	3518963C1
2*	A11-GB	18	WH	3518963C1
2*	A11-GB2	18	WH	3518963C1
2%#	A11-GB1	18	WH	3518963C1
3*	A11-GD	18	WH	3518963C1
3*	A11-GD2	18	WH	3518963C1
3%#	A11-GD1	18	WH	3518963C1
4*	A11-GF	18	WH	3518963C1
4*	A11-GF2	18	WH	3518963C1
4*	A11-GE	18	WH	3518963C1
4**	A11-GF1	18	WH	3518963C1
5*	A11-GF	18	WH	3518963C1
5*	A11-GE2	18	WH	3518963C1
5%#	A11-GE1	18	WH	3518963C1
6	A11-GC	18	WH	3518963C1
7	A11-GJ	18	WH	3518963C1
8*	A11-GL	18	WH	3518963C1
8*	A11-GL2	18	WH	3518963C1
8%#	A11-GL1	18	WH	3518963C1
9*	A11-GM	18	WH	3518963C1
9*	A11-GM2	18	WH	3518963C1
9%	A11-GI	18	WH	3518963C1
9**	A11-GM1	18	WH	3518963C1
10*	A11-GK	18	WH	3518963C1
10*	A11-GK2	18	WH	3518963C1
10%#	A11-GK1	18	WH	3518963C1
11*	A11-GH	18	WH	3518963C1
11*	A11-GH2	18	WH	3518963C1
11%#	A11-GH1	18	WH	3518963C1
12*	A11-GG	18	WH	3518963C1
12*	A11-GG2	18	WH	3518963C1
12%#	A11-GG1	18	WH	3518963C1

IP/ROOF CONNECTOR
(8883)
(LOCATED IN CAB)

CONNECTOR 1661200C1 * MUTUALLY EXCLUSIVE

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A5A	18	GN	1661208C1
B	A5B	18	YL	1661208C1
C*	A11-G1	18	WH	1661208C1
C*	A11AA	18	WH	1661208C1
D*	A14RB	18	RD	1661208C1
D*	A13AA	18	RD	1661208C1
E,F	-	-	-	-

* MUTUALLY EXCLUSIVE
% W/SEAT-2+2 W/FUSE W/BRKR
%% SEAT BELT PRE-WIRE 1 TO 3/ VDR, DISPLAY W/2 SEAT INDICATION
%% SEAT BELT PRE-WIRE 4 TO 6/ VDR, DISPLAY W/2 SEAT INDICATION
** VDR AND SEAT BELT PREVIEW REAR CENTER SEAT

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0488	24MAR15	ADDED CIRC N42G IN	F	92927M	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
	R/D 8807				RELEASE NO. 61229V	DATE 08JUN09 PART NO. AE08058187 SHEET 107

Figure 918 Connector Composites (8807), (8809), (8881), (8882), (8883)

13.245. CONNECTOR COMPOSITES (8883), (8884), P. 108

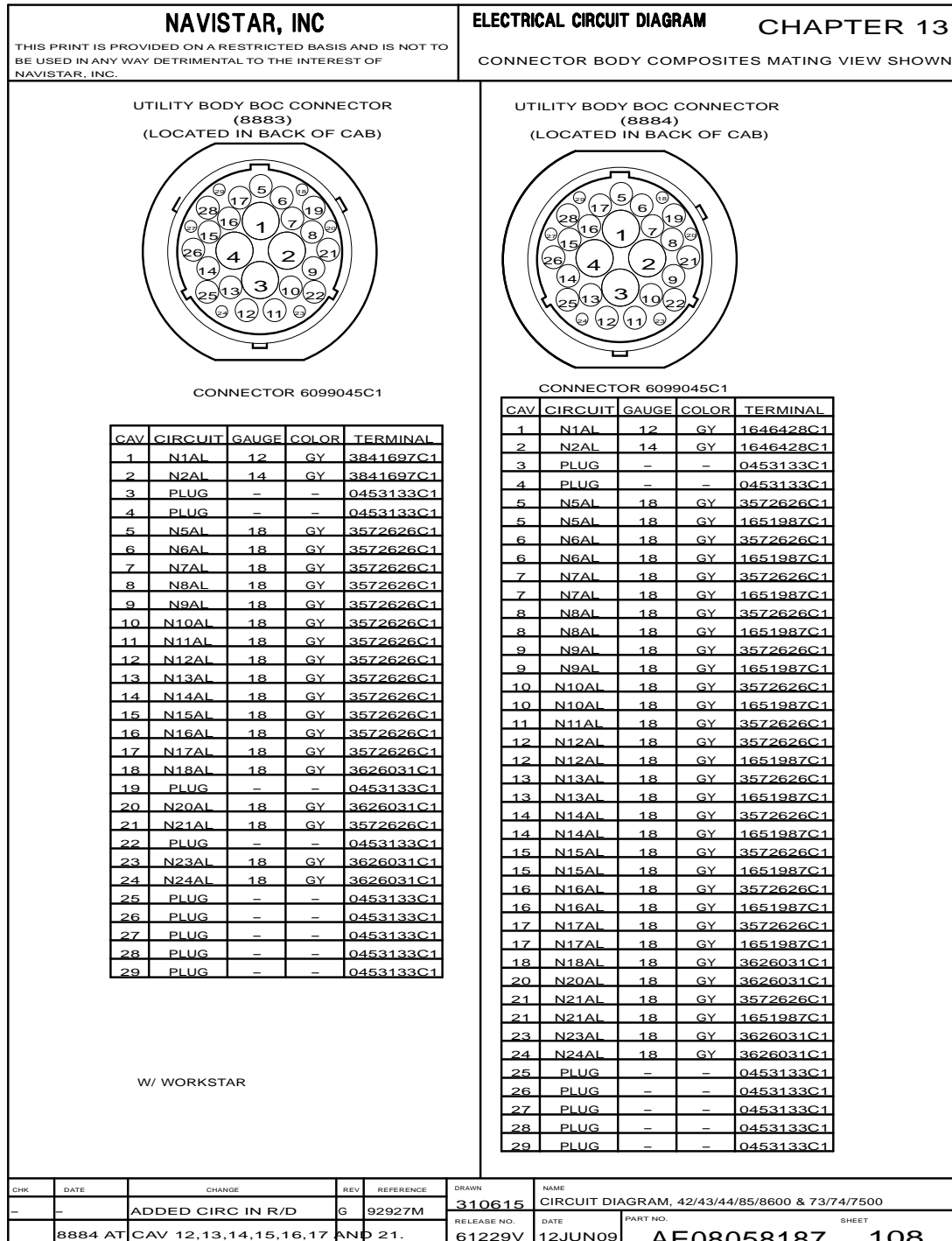


Figure 919 Connector Composites (8883), (8884)

13.246. CONNECTOR COMPOSITES (8884A), P. 109

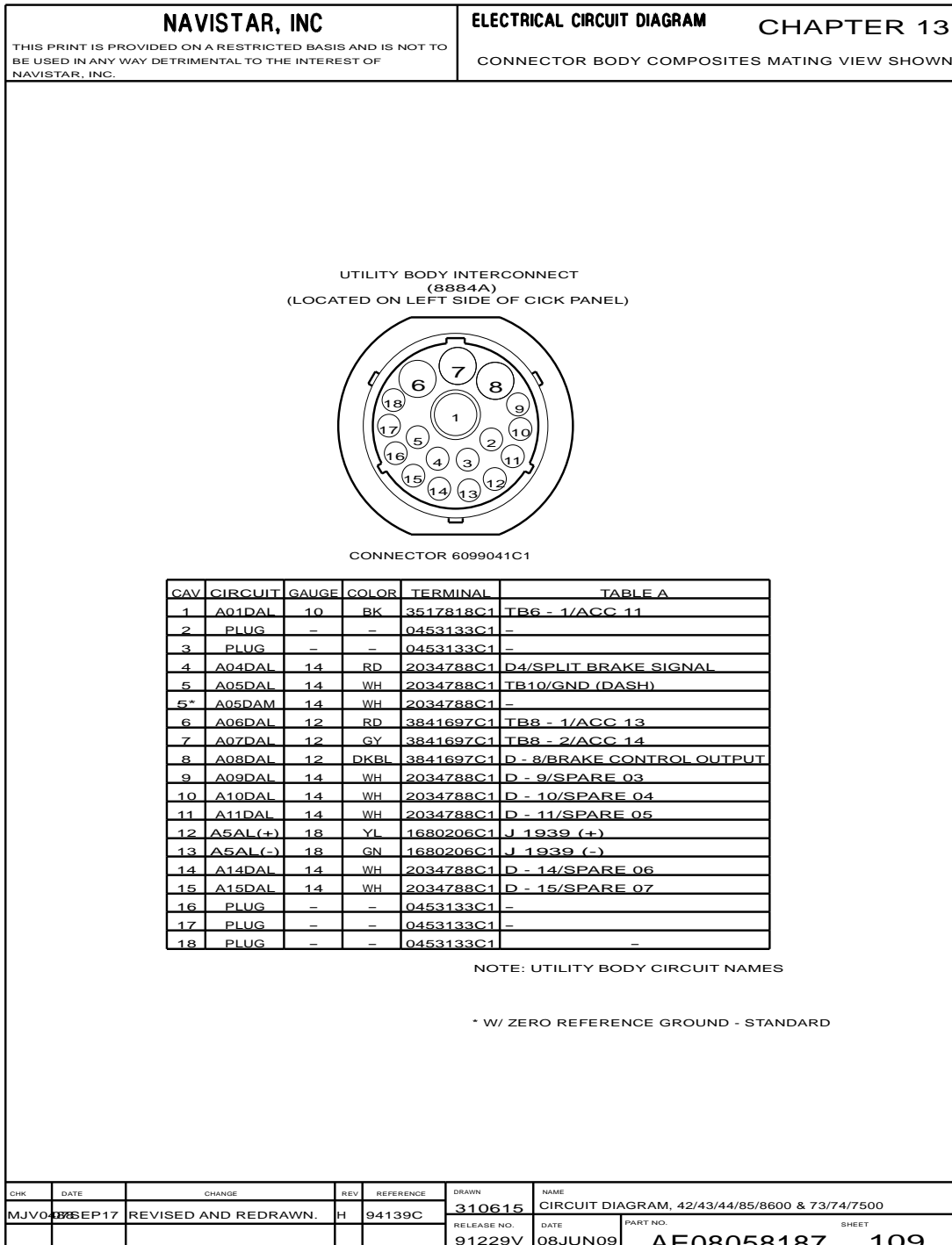
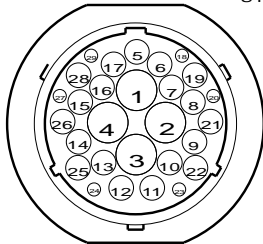


Figure 920 Connector Composites (8884A)

13.247. CONNECTOR COMPOSITES (8884B), P. 110

<p>NAVISTAR, INC</p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>	<p>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13</p> <p>CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p>				
	<p>UTILITY BODY INTERCONNECT PASS (8884B) (LOCATED ON RIGHT SIDE KICK PANEL IN CAB)</p> <p>NOTE: UTILITY BODY CIRCUIT NAMES</p> <p>* IGN FEED W/UTILITY BODY W/THEFT DETERRENT # IGN FEED W/UTILITY BODY N/OPTIONS IN CENTER PANEL ** IGN FEED W/UTILITY BODY W/REMOTE START/STOP ## BRAKE SYSTEM - PARKING BRAKE W/UTILITY BODY & ABS W/FULL PWR,PWR PARK BK W/FUSE W/UTILITY BODY && IGNITION FEED-ROCKER START W/UTILITY BODY @ STARTER CONTROL, ISB W/ ALLISON XMSN W/ UTILITY BODY @@ IGNITION FEED-REMOTE START/STOP W/UTILITY BODY % W/ INGNITION FEED W/ UTILITY BODY N/ OPTION %% W/ ACCESSORY FEED W/ UTILITY BODY *# W/ START CONTROL W/ UTILITY BODY & W/ MANUAL XMSN ## W/ INGNITION FEED W/ UTILITY BODY W/ REMOTE START/STOP</p>				
CONNECTOR 6099045C1					
					TABLE B
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	
1*	A13DB	14	BN	0500397C1	TB 13 - 1/IGN HOT
1#	A13F	14	BN	0500397C1	TB 13 - 1/IGN HOT
1**	A104J	14	BN	0500397C1	TB 13 - 1/IGN HOT
1*	A149D	14	GY	0500397C1	
1#*	A13	14	GY	0500397C1	
1%	A1EA	14	GY	0500397C1	
2*	A13DBAL	14	BN	0500397C1	TB 13 - 2/IGN COLD
2**	A104JAL	14	BN	0500397C1	TB 13 - 2/IGN COLD
2%	A2FAL	14	BN	3841697C1	TB 13 - 2/IGN COLD
2&&	A13A	14	GY	0500397C1	
2@@	A13B	14	GY	0500397C1	
3	A12	14	PK	0500397C1	E - 3/CHASSIS ACC HOT
3%%	A13EC	14	GY	0500397C1	
4	A12AL	14	PK	0500397C1	E - 4/CHASSIS ACC COLD
4%%	A4EAL	14	PK	0500397C1	
5	A5EAL	18	LTGN	1680206C1	TB7 - 1/ACC 10
6	A6EAL	18	BK	1680206C1	TB7 - 2/ACC 09
7	A7EAL	18	GY	1680206C1	TB7 - 3/ACC 08
8	A8EAL	18	PI	1680206C1	TB7 - 4/ACC 07
9	A9EAL	18	YL	1680206C1	TB7 - 5/ACC 06
10	A10EAL	18	YL	1680206C1	TB7 - 6/ACC 05
11	A11EAL	18	OR	1680206C1	TB7 - 7/ACC 04
12	A12EAL	18	OR	1680206C1	TB7 - 8/ACC 03
13	A13EAL	18	PK	1680206C1	TB7 - 9/ACC 02
14	A14EAL	18	BK	1680206C1	TB7 - 10/ACC 01
15	A15EAL	18	LTGN	1680206C1	TB7 - 11/TRK MACH
16	A16EAL	18	DKBL	1680206C1	E - 16/PTO LIGHT GND
17	A17EAL	18	PI	1680206C1	E - 17/FT BUMPER_OR DOWN LT
18	A18EAL	18	RD	3518961C1	E - 18/OR DOWN LIGHT
19	A19EAL	18	TN	1680206C1	E - 19/BOOM AJAR LIGHT
20	A20EAL	18	LTGN	3518961C1	E - 20 /OR INTL OVERRIDE OUT
21	A21EAL	18	DKBL	1680206C1	TB17 - 5/START SOL
21@	A17C	18	PK	1680206C1	START RELAY
21@	A17K	18	PK	1680206C1	START RELAY
21*#	A21EAB	18	GY	1680206C1	
22	A22EAL	18	WH	1680206C1	TB15 - 7/GND
23	A23EAL	18	RD	3518961C1	TB7 - 14/BATT
24##	A24EAL	18	BK	3518961C1	TB9 - 2/PARK BRAKE
24&	A24EAL	18	BN	3518961C1	TB9 - 2/PARK BRAKE
25	A25EAL	18	WH	1680206C1	E - 25/SPARE 01
26	A26EAL	18	RD	1680206C1	E - 26/WINCH E-STOP LIGHT
27	A27EAL	18	BN	3518961C1	E - 28/SPARE 02
28	A28EAL	18	WH	1680206C1	TB7 - 15/IGN HOT
29	A29EAL	18	BN	3518961C1	TB7 - 13/IGN COLD

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
MJVO	08SEP17	REVISED AND REDRAWN.	G	94139C	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
					RELEASE NO.	DATE	PART NO.
					61229V	08JUN09	AE08058187
							SHEET 110

Figure 921 Connector Composites (8884B)

13.248. CONNECTOR COMPOSITES (8884C), P. 111

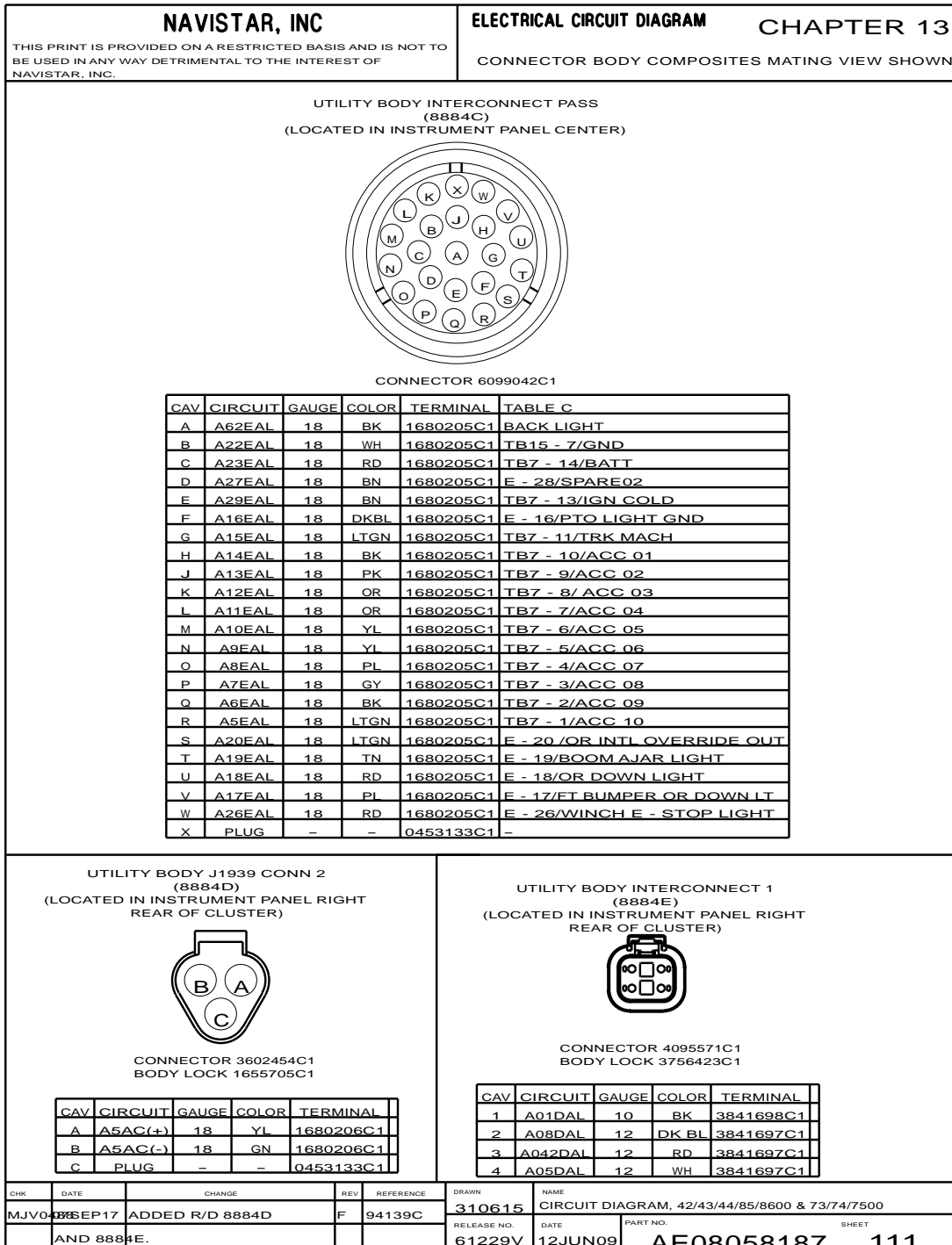


Figure 922 Connector Composites (8884C)

13.249. CONNECTOR COMPOSITES (8885), (8885A), (8887), (8888), P. 112

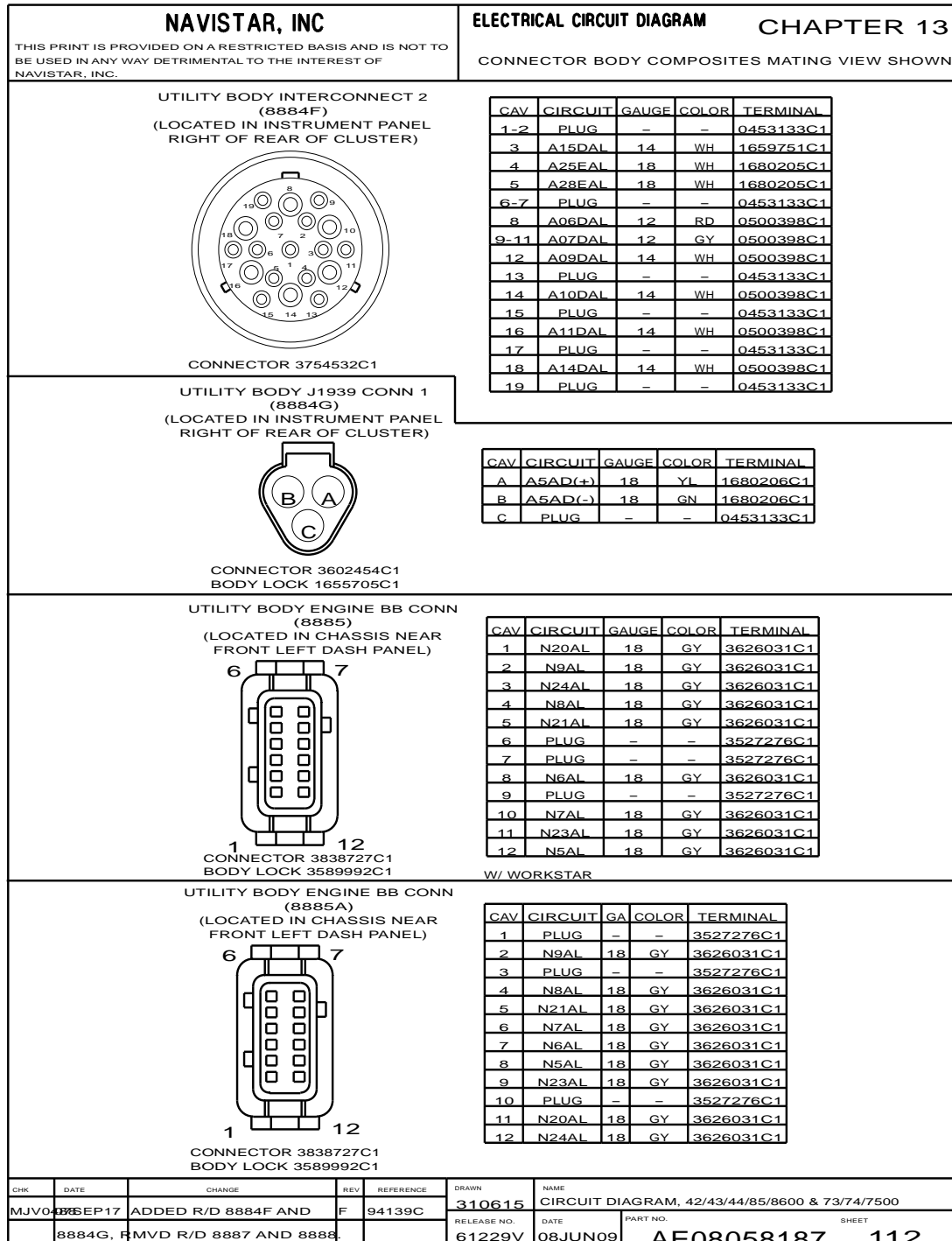


Figure 923 Connector Composites (8885), (8885A), (8887), (8888)

13.250. CONNECTOR COMPOSITES (8900), (8901M), (8903), P. 113

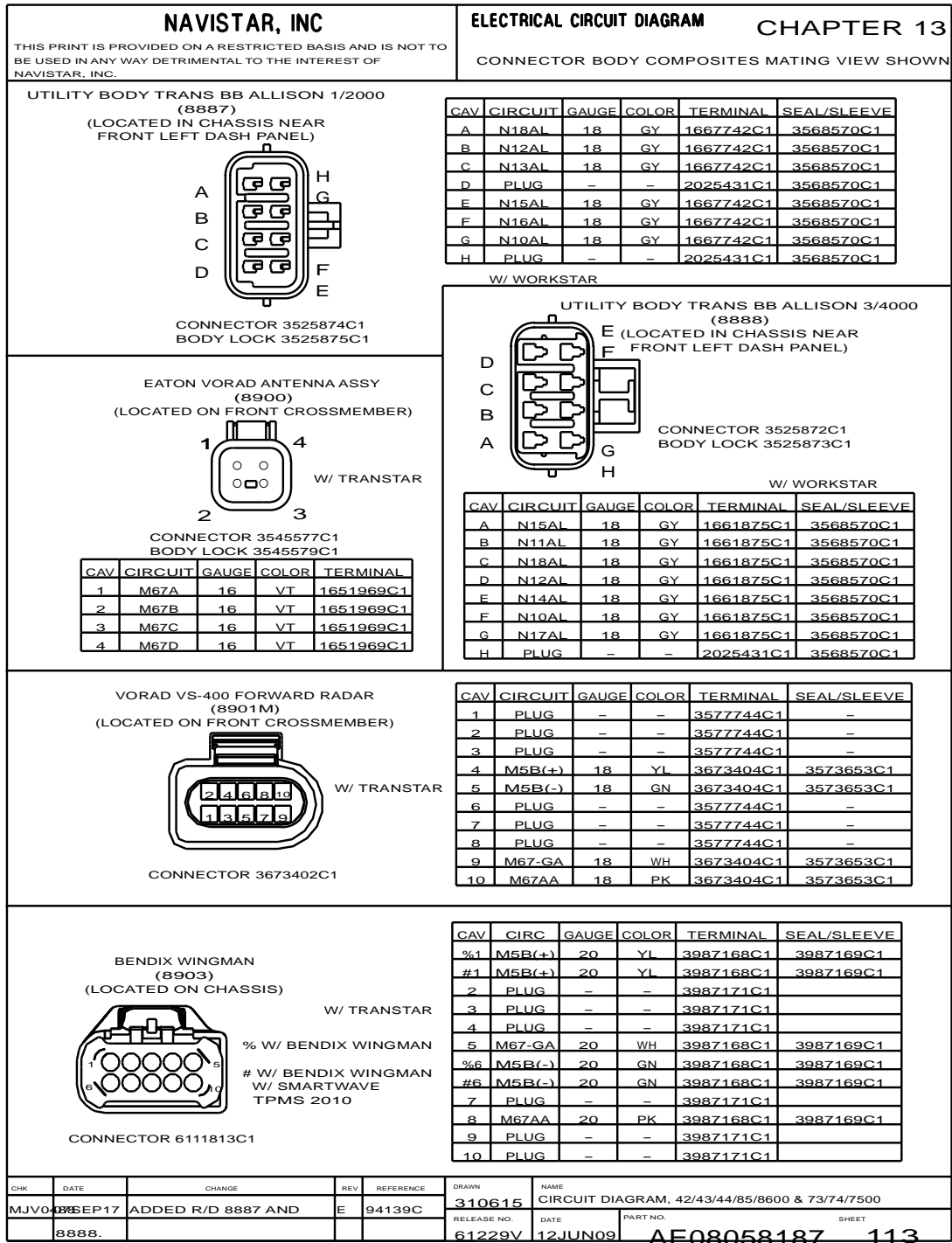


Figure 924 Connector Composites (8900), (8901M), (8903)

13.251. CONNECTOR COMPOSITES (8993F), (8995), (8996), P. 114

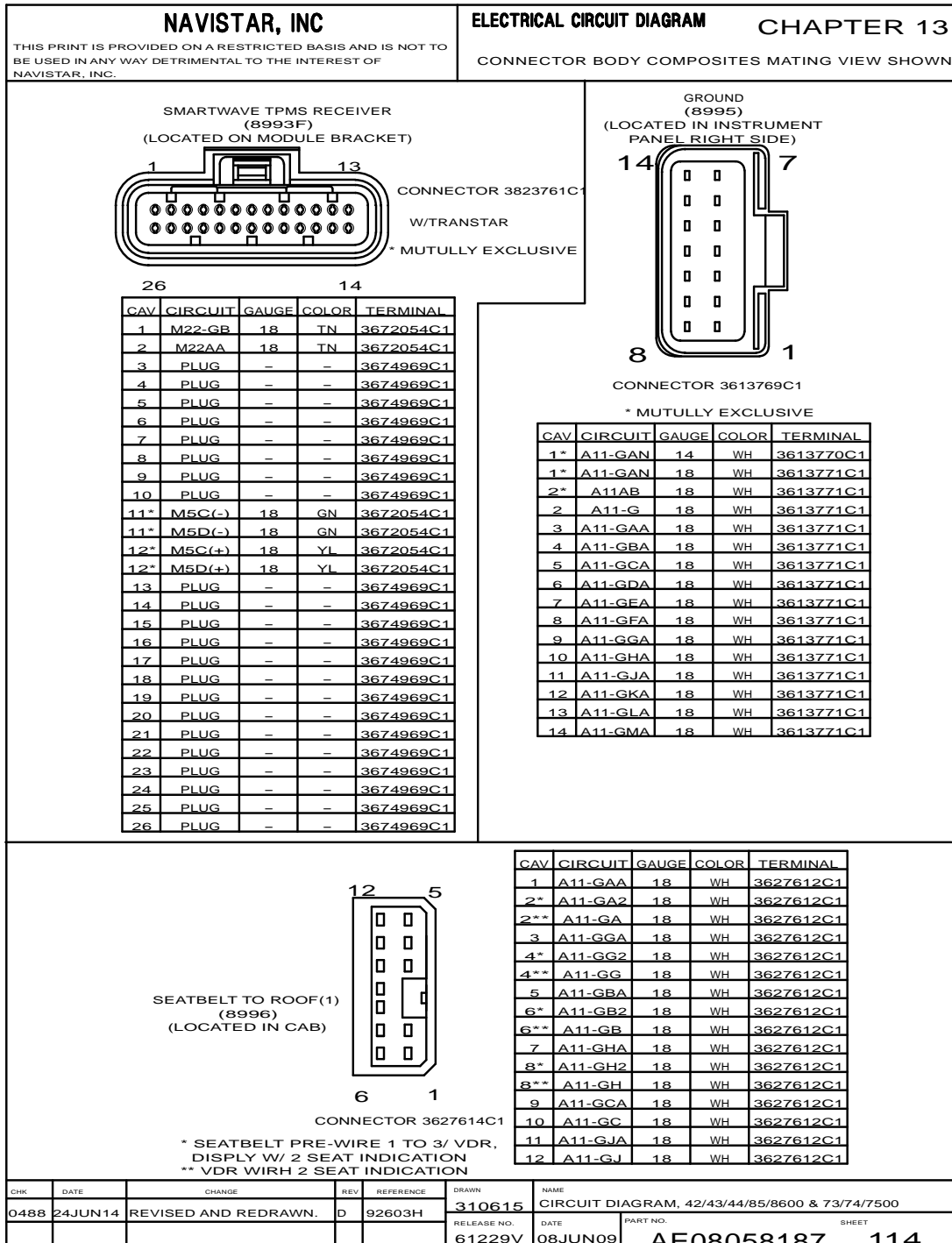


Figure 925 Connector Composites (8993F), (8995), (8996)

13.252. CONNECTOR COMPOSITES (8997), (8998), (8999), (9001), (9002), P. 115

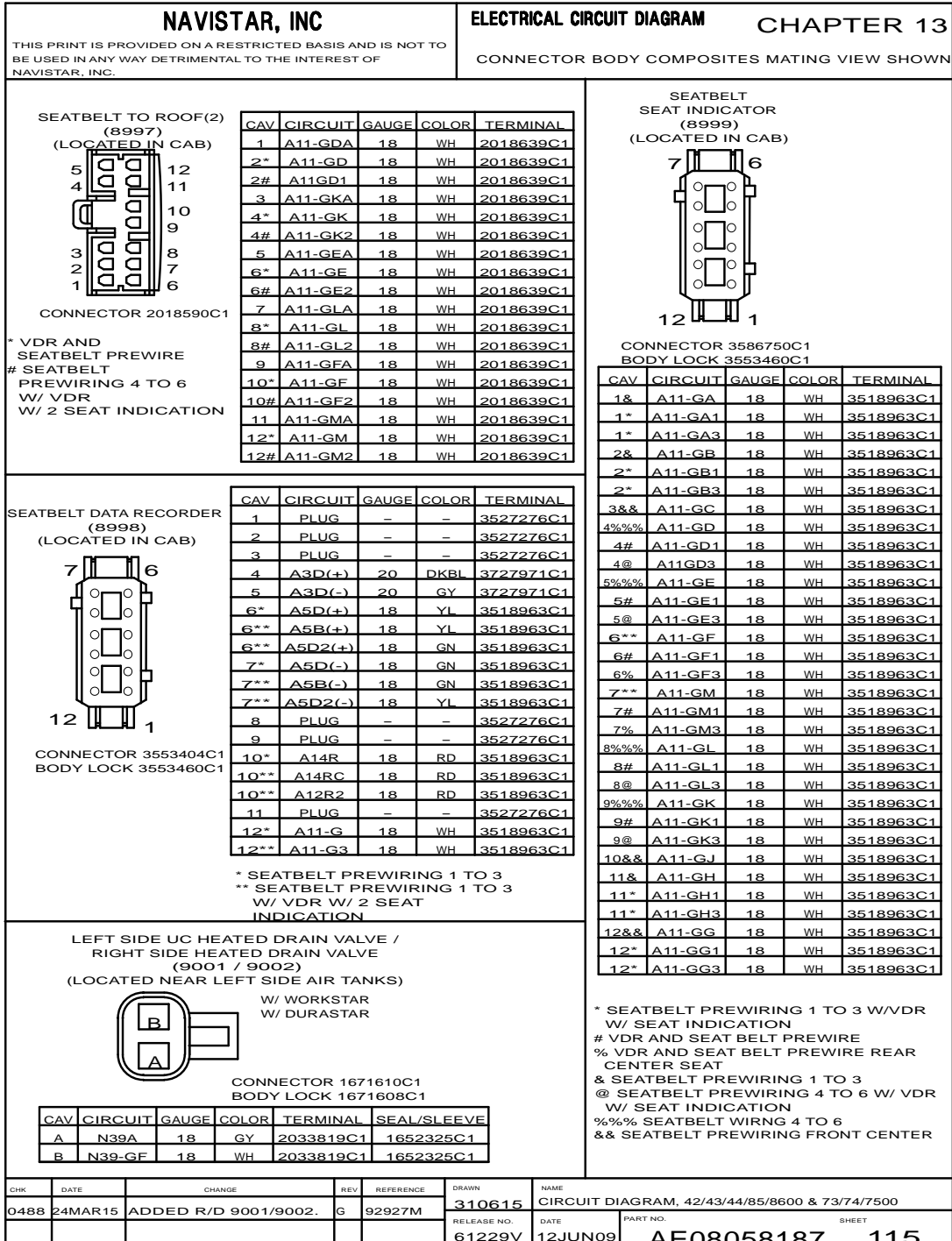


Figure 926 Connector Composites (8997), (8998), (8999), (9001), (9002)

13.253. CONNECTOR COMPOSITES (9001A), (9003), (9003K), (9003L), (9004), (9100), (9100A), P. 116

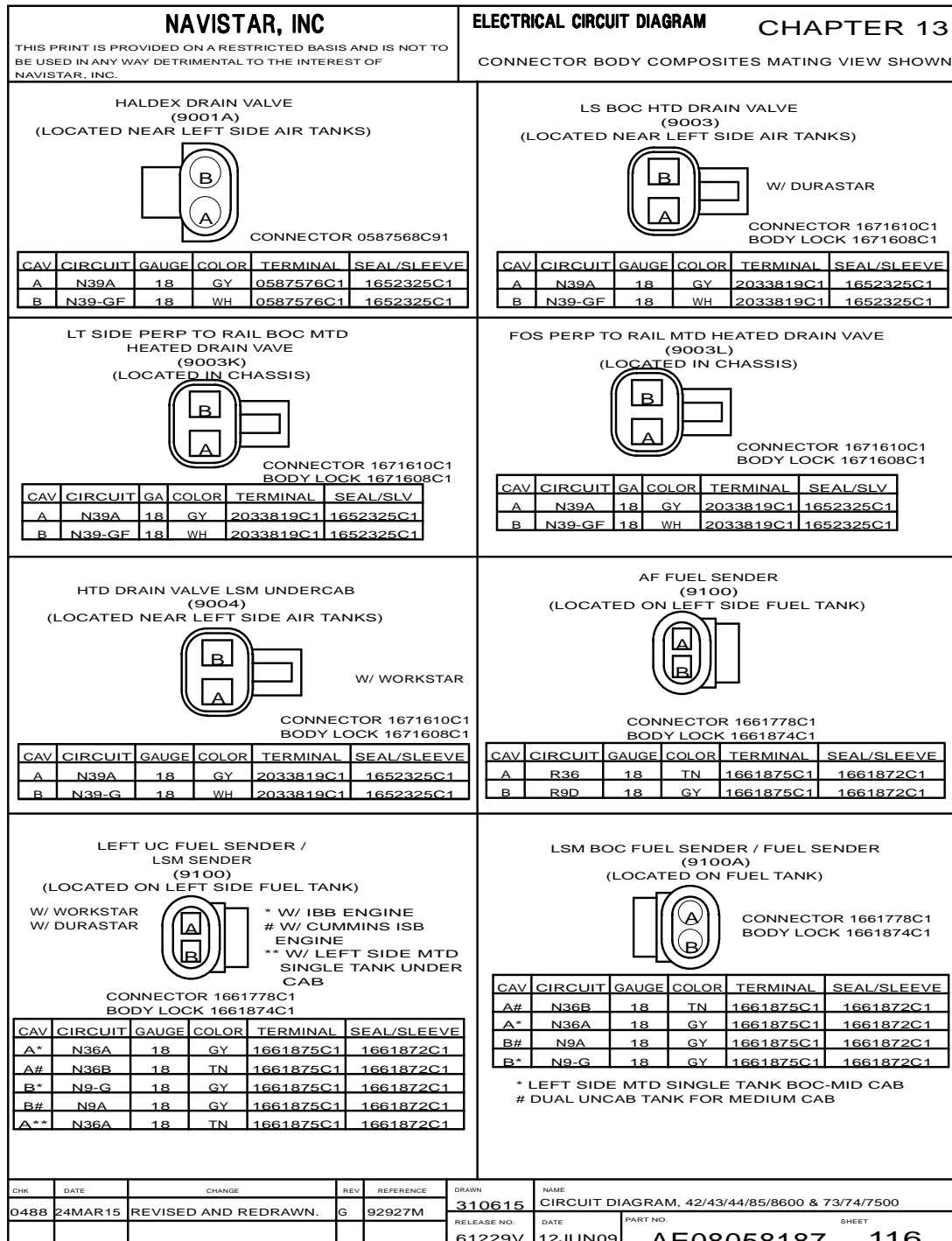


Figure 927 Connector Composites (9001A), (9003), (9003K), (9003L), (9004), (9100), (9100A)

13.254. CONNECTOR COMPOSITES (9100B), (9100C), (9101), (9101A), (9102A / 9102), (9102B), (9102C), (9102D / 9102W), (9102E), (9103 / 9102V / 9102X), (9103A), 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 COMPOSITES MATING VIEW SHOWN																																																																																					
BOC LSM FUEL SENDER (9100B) (LOCATED ON FUEL TANK)				BOC FUEL SENDER EXT CAB (9100C) (LOCATED ON FUEL TANK)																																																																																					
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Figure 928 Connector Composites (9100B), (9100C), (9101), (9101A), (9102A / 9102), (9102B), (9102C), (9102D / 9102W), (9102E), (9103 / 9102V / 9102X), (9103A)

13.255. CONNECTOR COMPOSITES (9108A / 9108B), (9108C), (9108D), (9108E), (9108F), (9108G), (9108H), (9108J / 9108K / 9108L / 9108M / 9108N / 9108P), P. 118



Figure 929 Connector Composites (9108A / 9108B), (9108C), (9108D), (9108E), (9108F), (9108G), (9108H), (9108J / 9108K / 9108L / 9108M / 9108N / 9108P)

13.256. CONNECTOR COMPOSITES (9109), (9120), (9120A), (9250), (9251), (9251A), P. 119

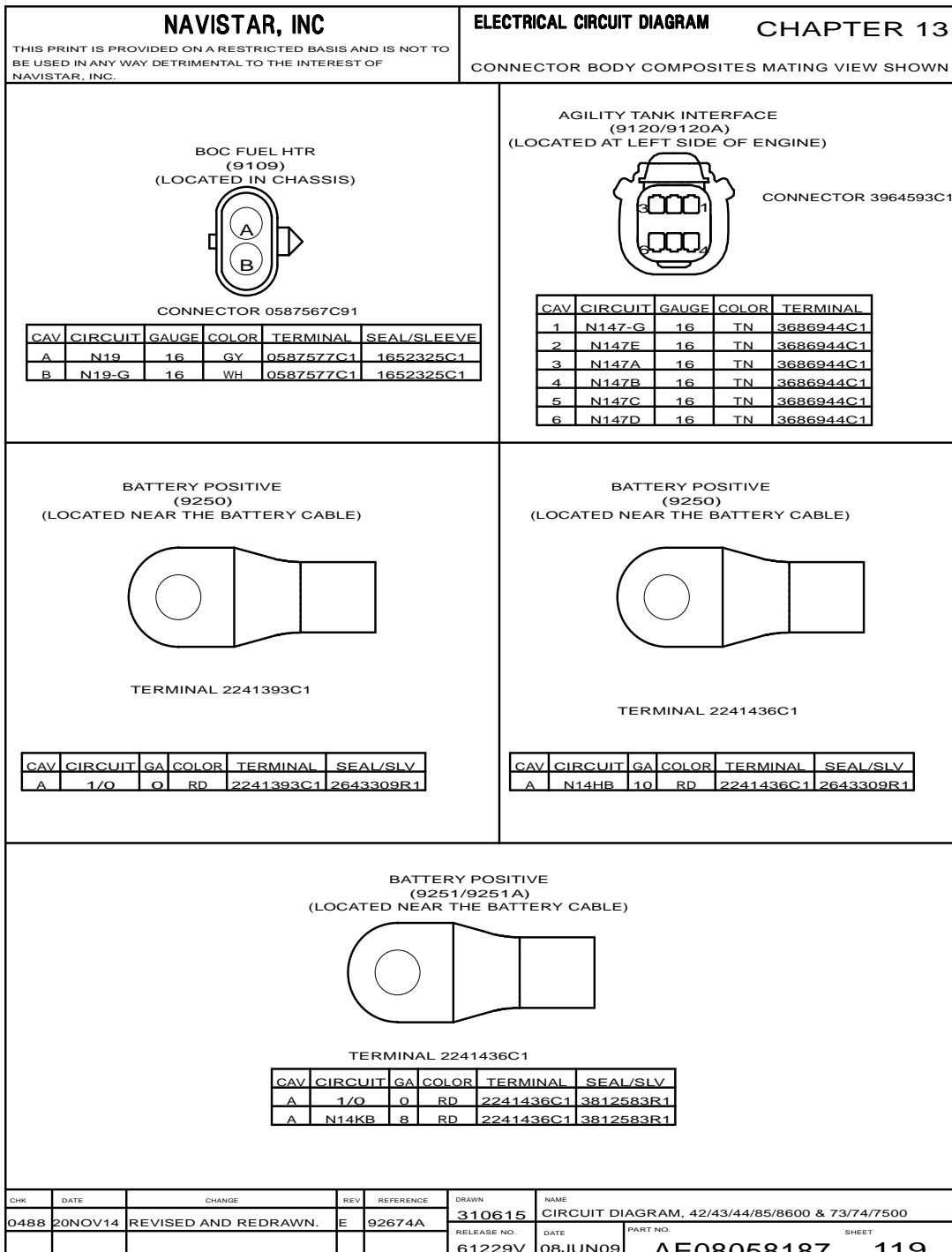


Figure 930 Connector Composites (9109), (9120), (9120A), (9250), (9251), (9251A)

13.257. CONNECTOR COMPOSITES (9260), (9261), (9262F), (9263F), (9263M), (9264F), P. 120

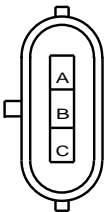
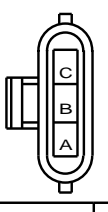
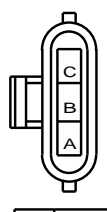
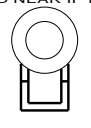

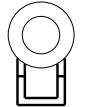
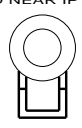
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																															
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																																																	
 <p style="text-align: center;">BATTERY ECM NEGATIVE (9260) (LOCATED AT LEFT SIDE OF ENGINE)</p> <p>* MUTUALLY EXCLUSIVE # W/ V8 ENGINE @ W/ I6, I-367 ENGINE</p> <p style="text-align: center;">CONNECTOR 1667732C1 BODY LOCK 1667734C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K97-GA</td> <td>10</td> <td>WH</td> <td>2025425C1</td> <td>1667735C1</td> </tr> <tr> <td>A#</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>1675751C1</td> <td>-</td> </tr> <tr> <td>B*</td> <td>K92-G</td> <td>10</td> <td>GY</td> <td>2025425C1</td> <td>1667735C1</td> </tr> <tr> <td>B*</td> <td>K11-GAM</td> <td>12</td> <td>WH</td> <td>2025424C1</td> <td>1671603C1</td> </tr> <tr> <td>C</td> <td>K97-GC</td> <td>10</td> <td>WH</td> <td>2025425C1</td> <td>-</td> </tr> <tr> <td>C#</td> <td>K92-GP</td> <td>10</td> <td>WH</td> <td>1667737C1</td> <td>-</td> </tr> <tr> <td>C@</td> <td>K97-GH</td> <td>10</td> <td>WH</td> <td>2025425C1</td> <td>1667735C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K97-GA	10	WH	2025425C1	1667735C1	A#	PLUG	-	-	1675751C1	-	B*	K92-G	10	GY	2025425C1	1667735C1	B*	K11-GAM	12	WH	2025424C1	1671603C1	C	K97-GC	10	WH	2025425C1	-	C#	K92-GP	10	WH	1667737C1	-	C@	K97-GH	10	WH	2025425C1	1667735C1	 <p style="text-align: center;">ECM NEGATIVE CONNECTOR (9260) (LOCATED AT LEFT SIDE OF ENGINE)</p> <p style="text-align: center;">CONNECTOR 1667733C1 BODY LOCK 1667734C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N14-G</td> <td>10</td> <td>WH</td> <td>1667737C1</td> <td>1667735C1</td> </tr> <tr> <td>B</td> <td>N14-GA</td> <td>10</td> <td>WH</td> <td>1667737C1</td> <td>1667735C1</td> </tr> <tr> <td>C</td> <td>N97-GB</td> <td>10</td> <td>WH</td> <td>1667737C1</td> <td>1667735C1</td> </tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">W/ F-2013-ISL-ENG</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N14-G	10	WH	1667737C1	1667735C1	B	N14-GA	10	WH	1667737C1	1667735C1	C	N97-GB	10	WH	1667737C1	1667735C1						
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Figure 931 Connector Composites (9260), (9261), (9262F), (9263F), (9263M), (9264F)

13.258. CONNECTOR COMPOSITES (9264M), (*9264M), (9265), (9266), (9269), (9270), (9280), P. 121

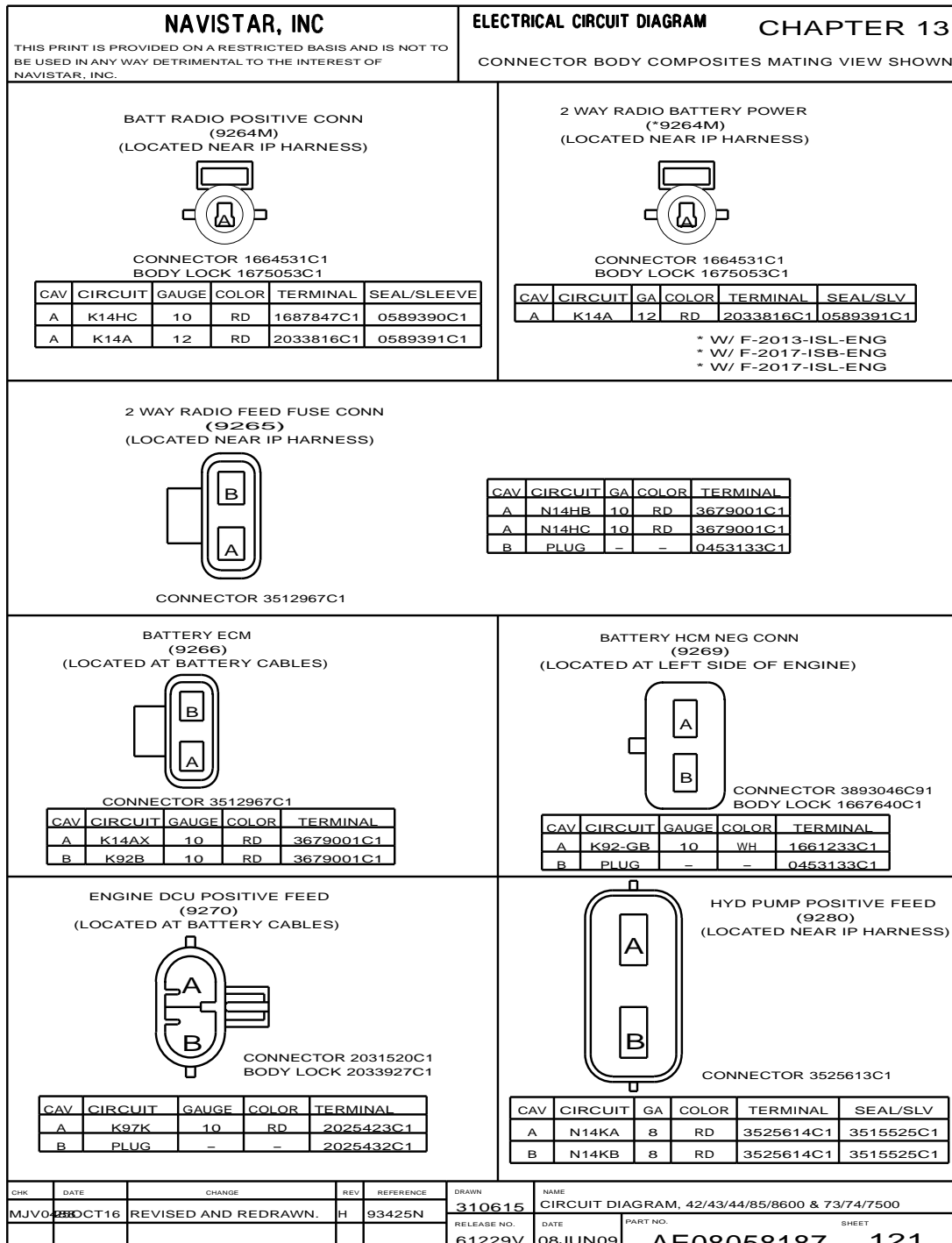


Figure 932 Connector Composites (9264M), (*9264M), (9265), (9266), (9269), (9270), (9280)

13.259. CONNECTOR COMPOSITES (9300), P. 122

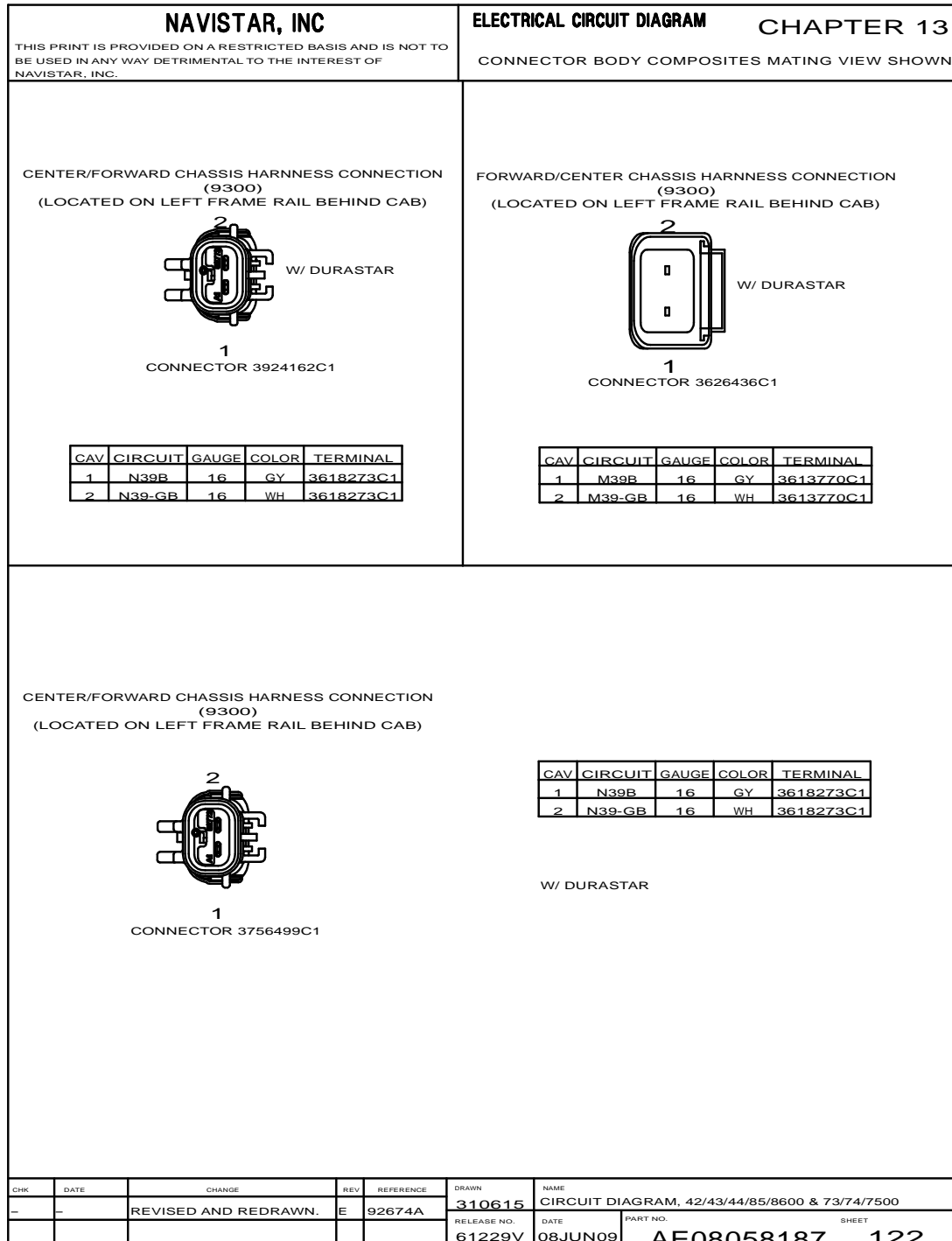


Figure 933 Connector Composites (9300)

13.260. CONNECTOR COMPOSITES (9300), P. 123

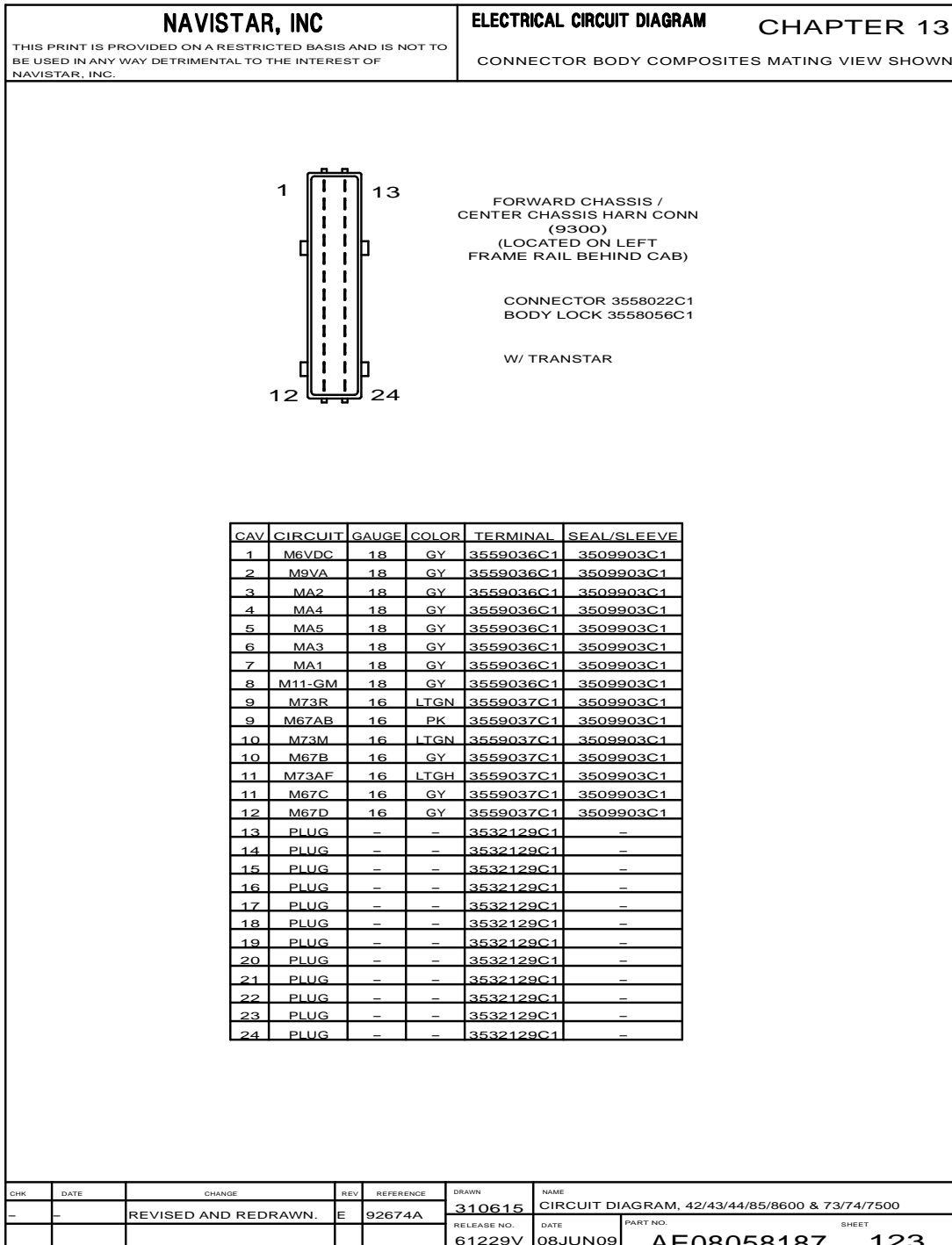


Figure 934 Connector Composites (9300)

13.261. CONNECTOR COMPOSITES (9300), P. 124

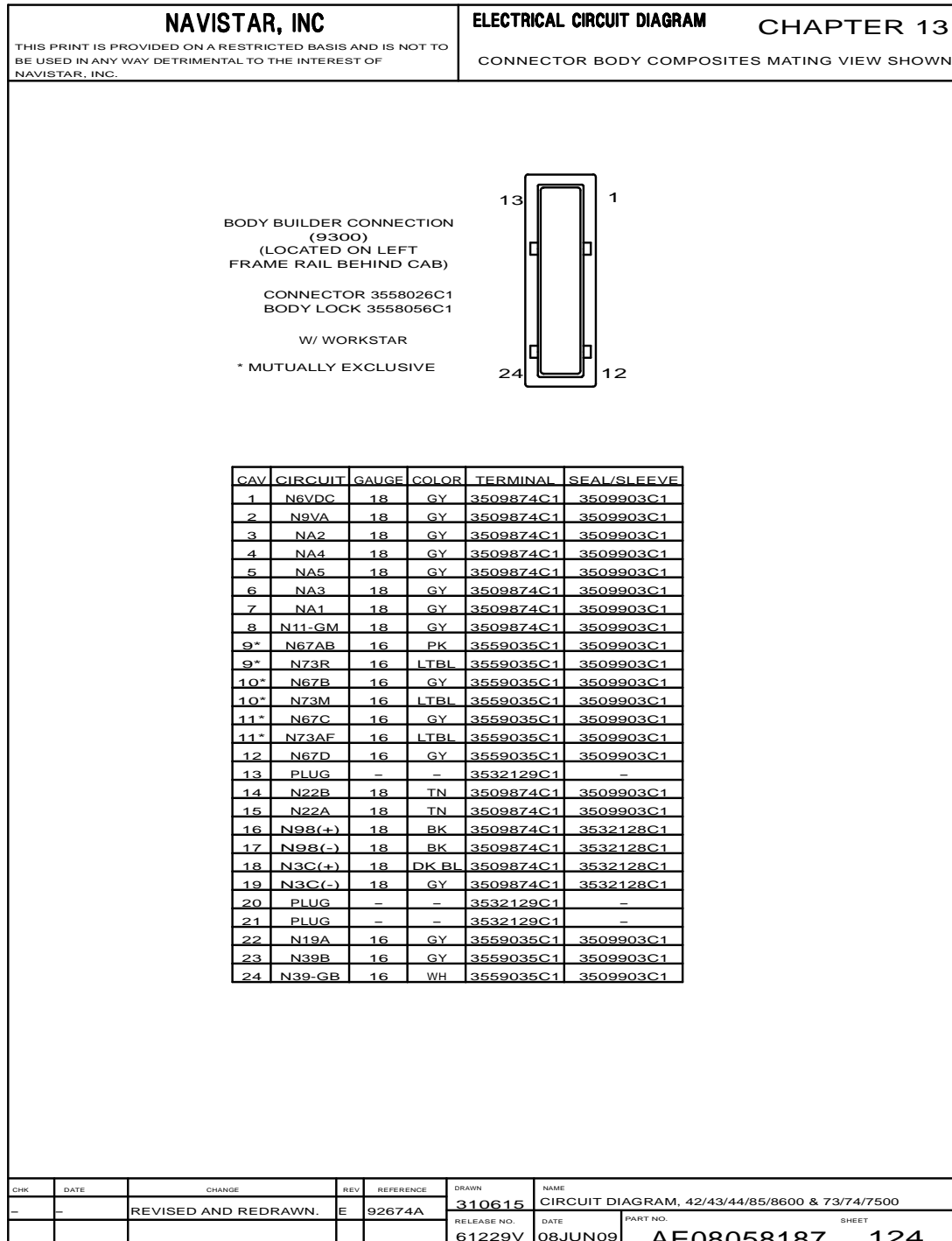


Figure 935 Connector Composites (9300)

13.262. CONNECTOR COMPOSITES (9301), (9303A), (9303D), P. 125

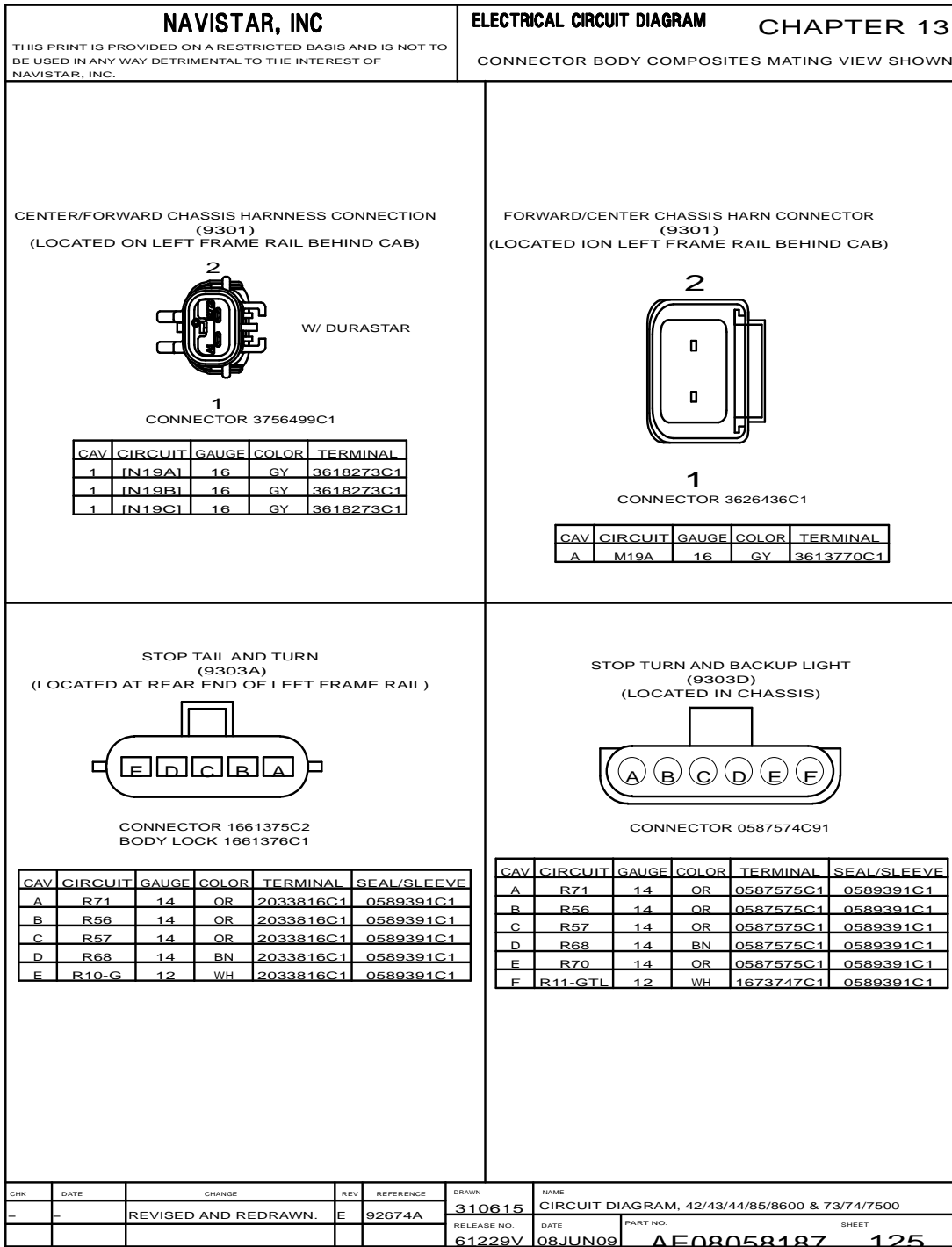


Figure 936 Connector Composites (9301), (9303A), (9303D)

13.263. CONNECTOR COMPOSITES (9310), (9311), (9315), (9316), (9357), P. 126

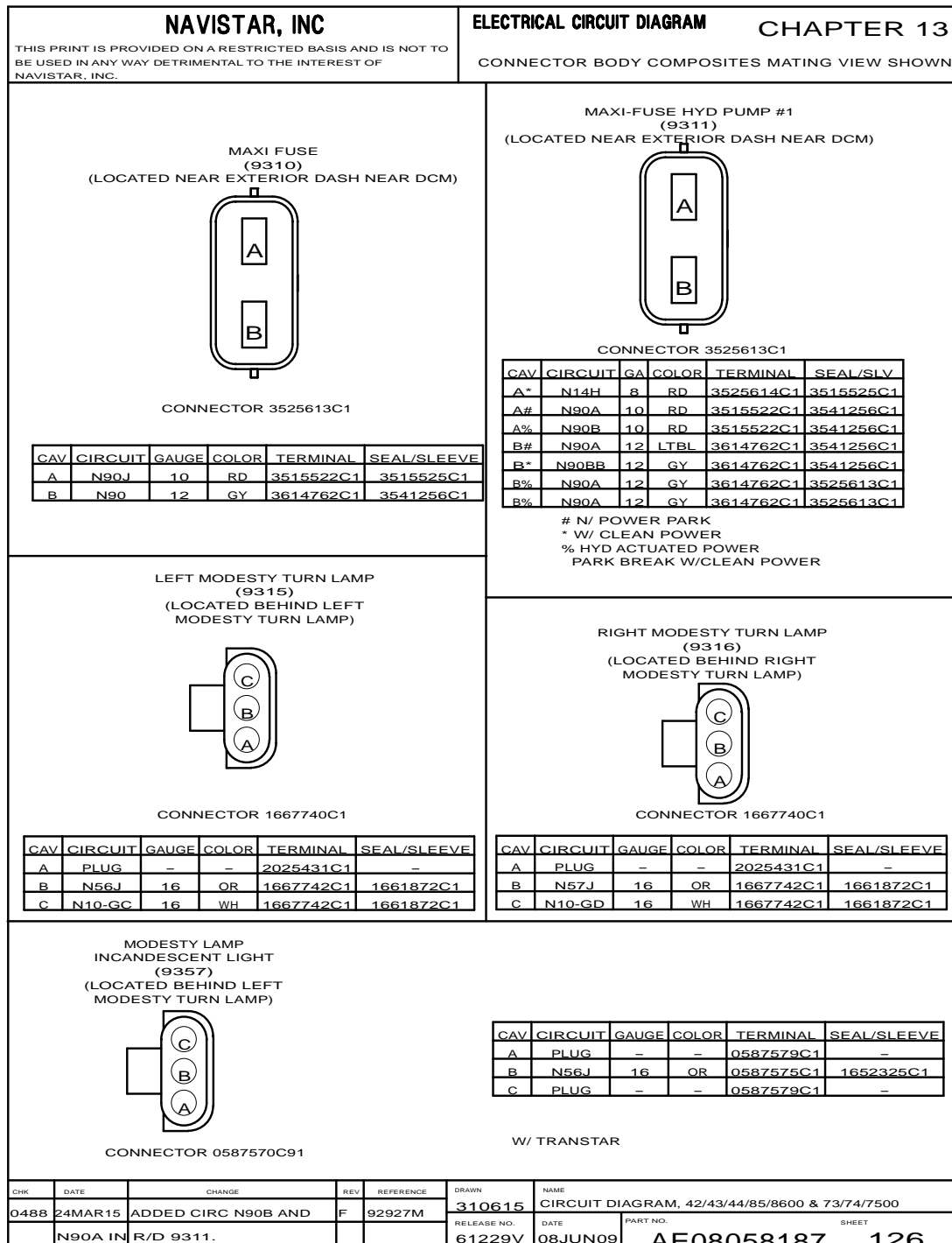


Figure 937 Connector Composites (9310), (9311), (9315), (9316), (9357)

13.264. CONNECTOR COMPOSITES (9501), (9501A), (9502), (9502A), P. 127

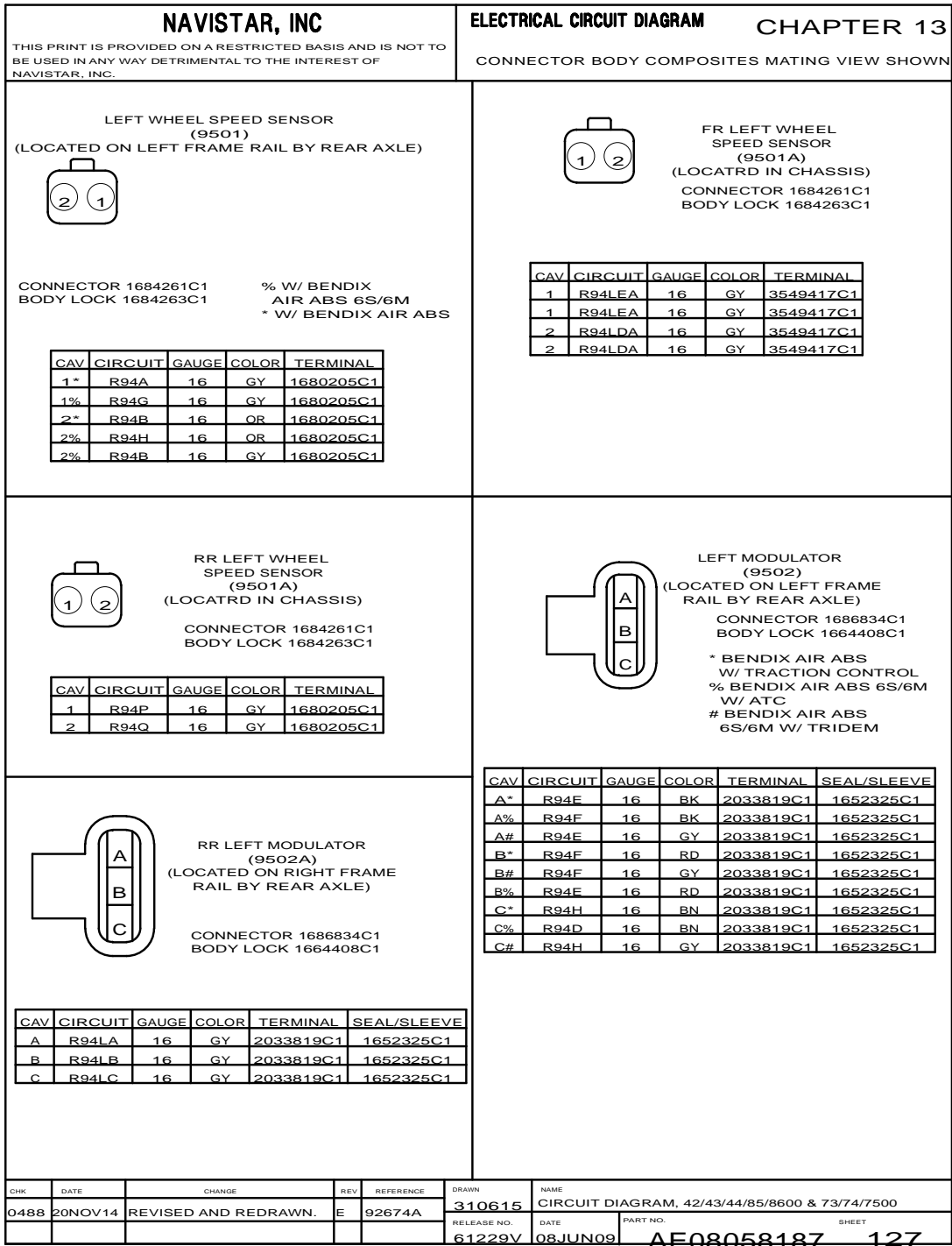


Figure 938 Connector Composites (9501), (9501A), (9502), (9502A)

13.265. CONNECTOR COMPOSITES (9503), (9503A), (9504), P. 128

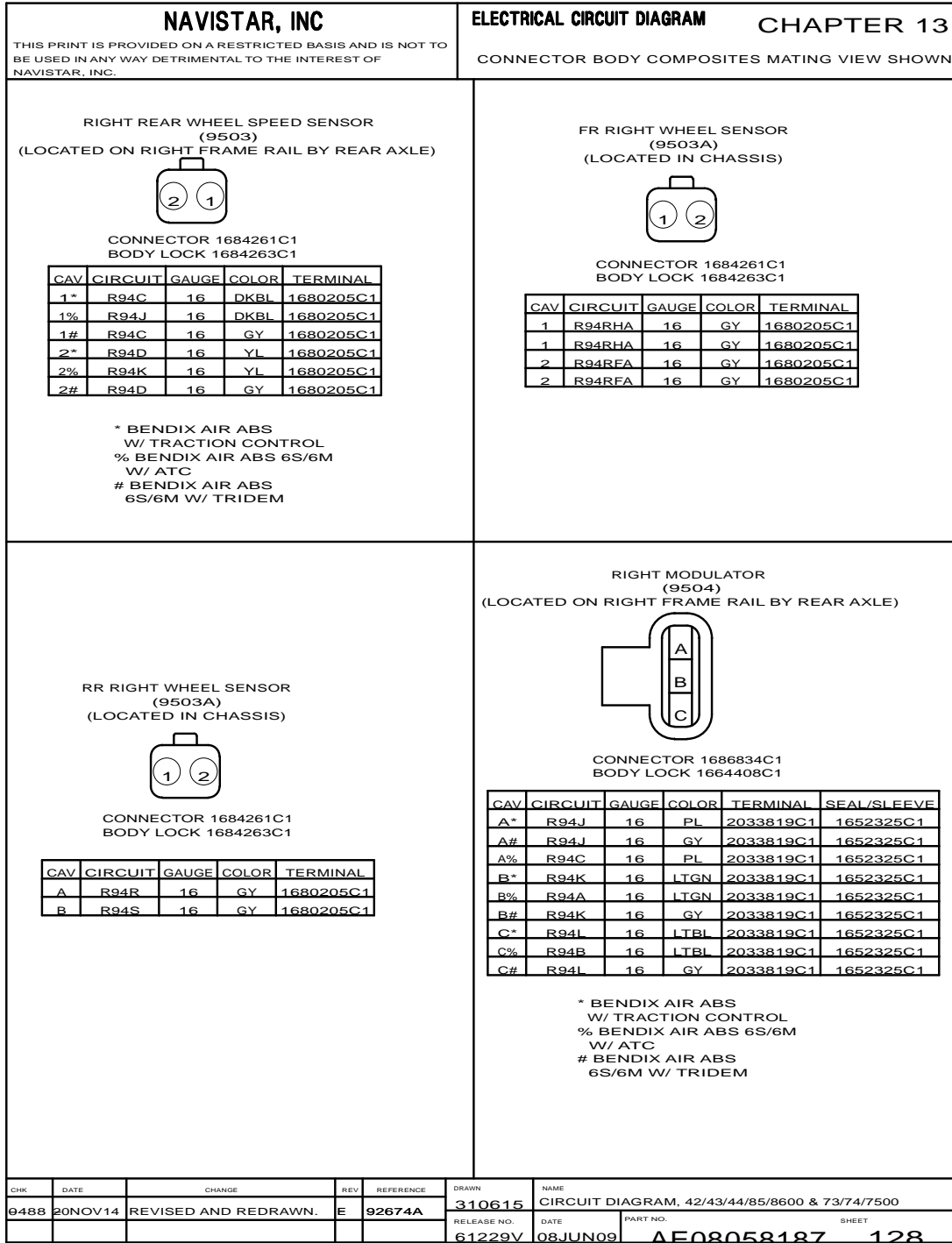


Figure 939 Connector Composites (9503), (9503A), (9504)

13.266. CONNECTOR COMPOSITES (9504A), (9505), (9506), P. 129

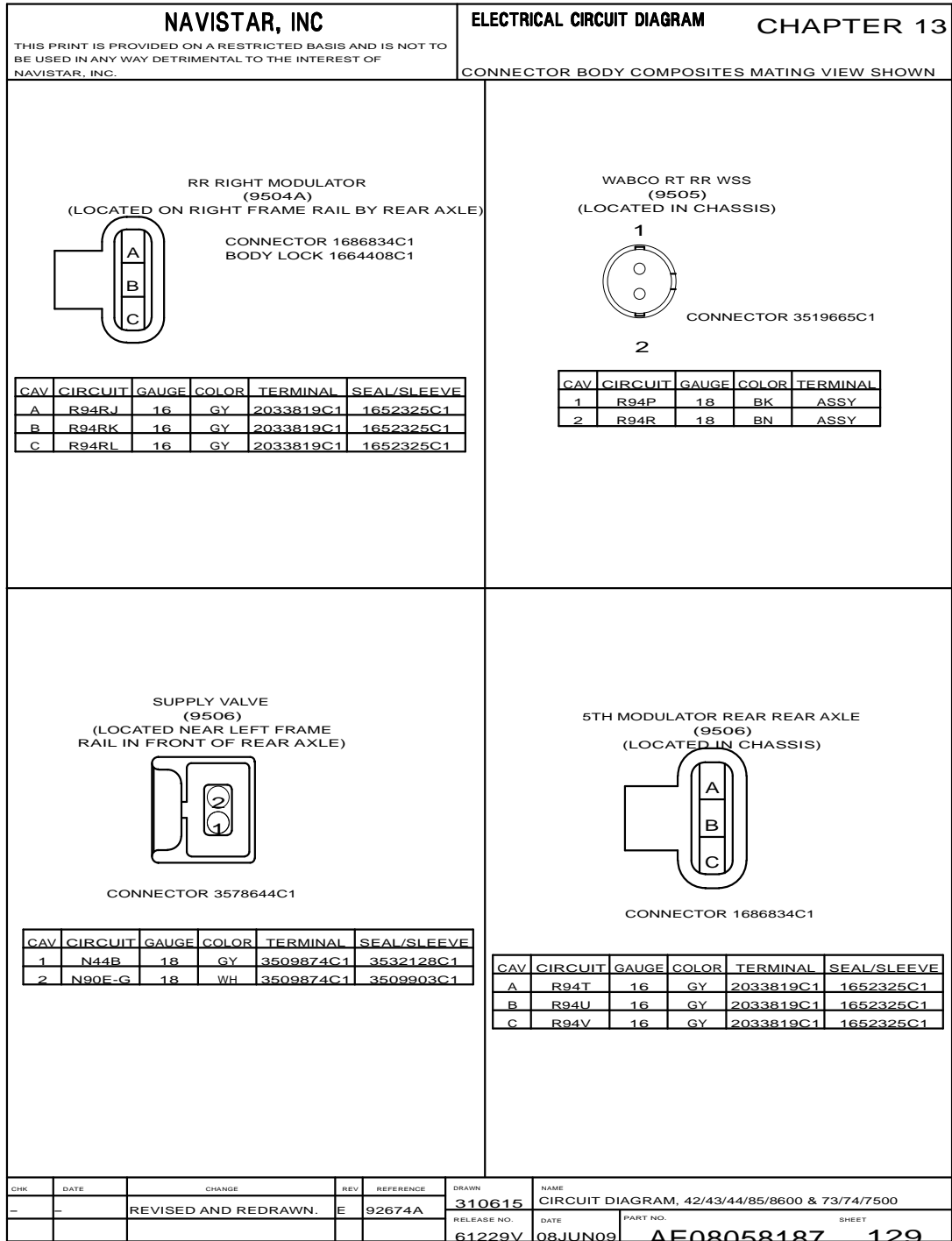


Figure 940 Connector Composites (9504A), (9505), (9506)

13.267. CONNECTOR COMPOSITES (9510), (9510A), (9510B), P. 130

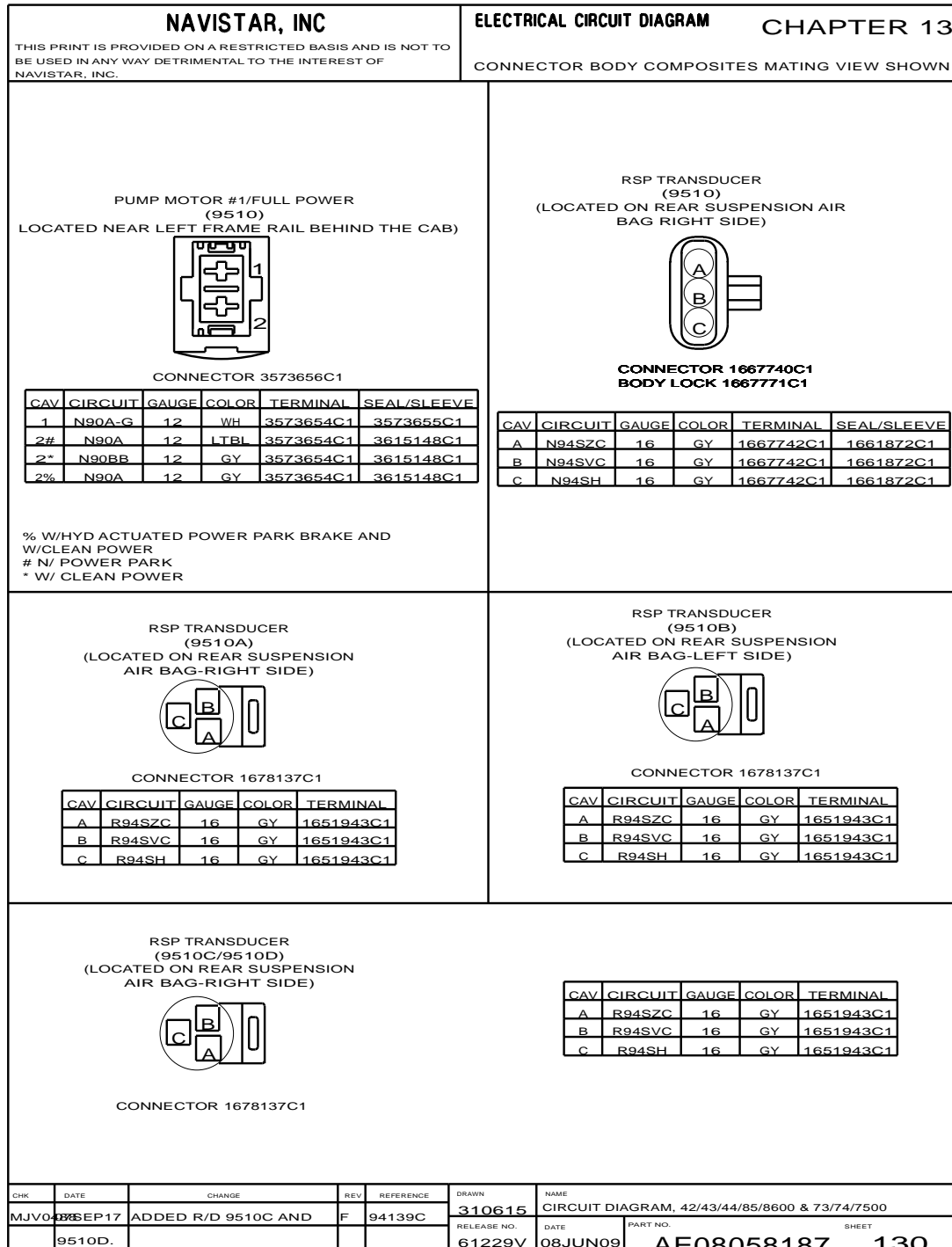


Figure 941 Connector Composites (9510), (9510A), (9510B)

13.268. CONNECTOR COMPOSITES (9510F), (9510H), (9510M), P. 131

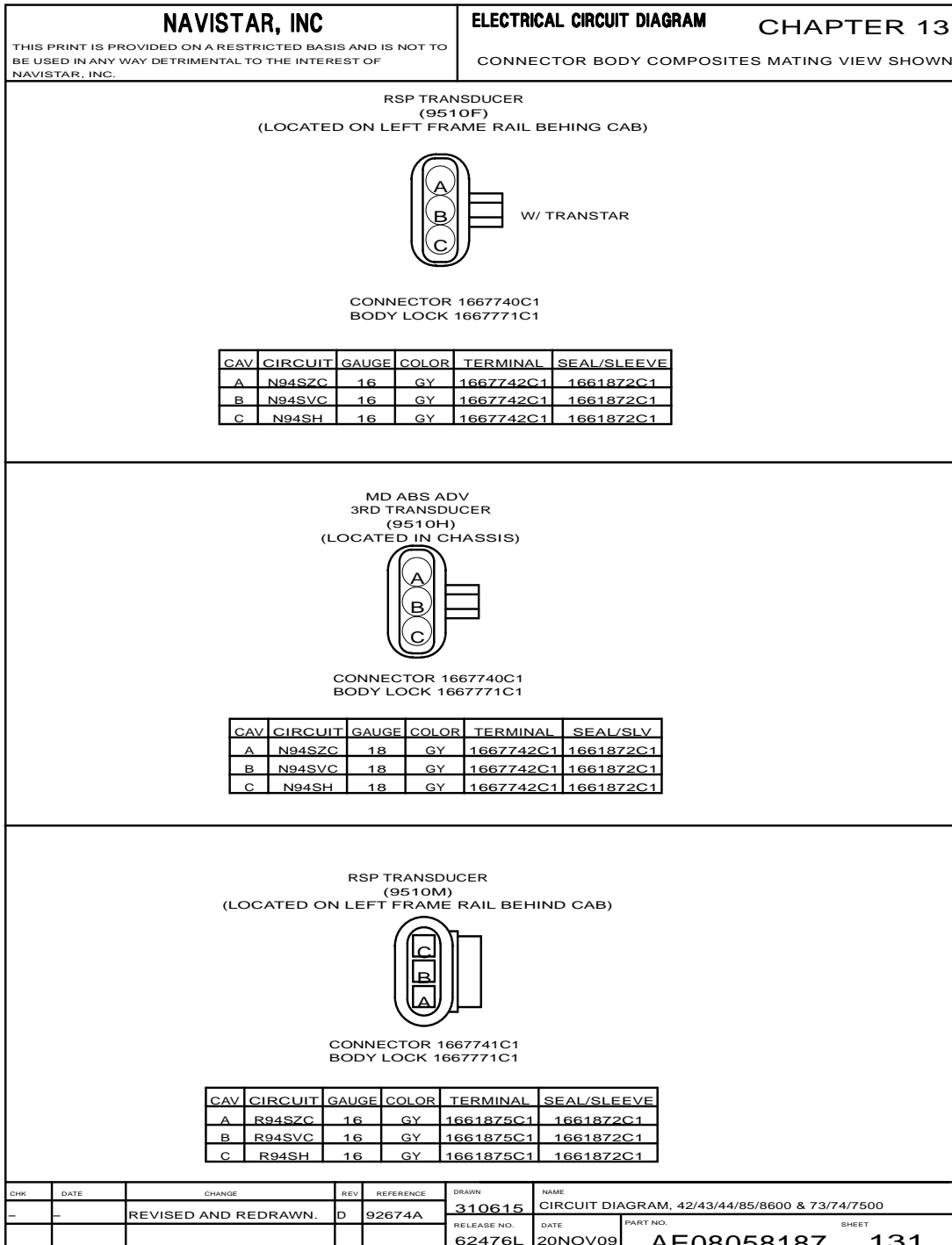


Figure 942 Connector Composites (9510F), (9510H), (9510M)

13.269. CONNECTOR COMPOSITES (9511), P. 132

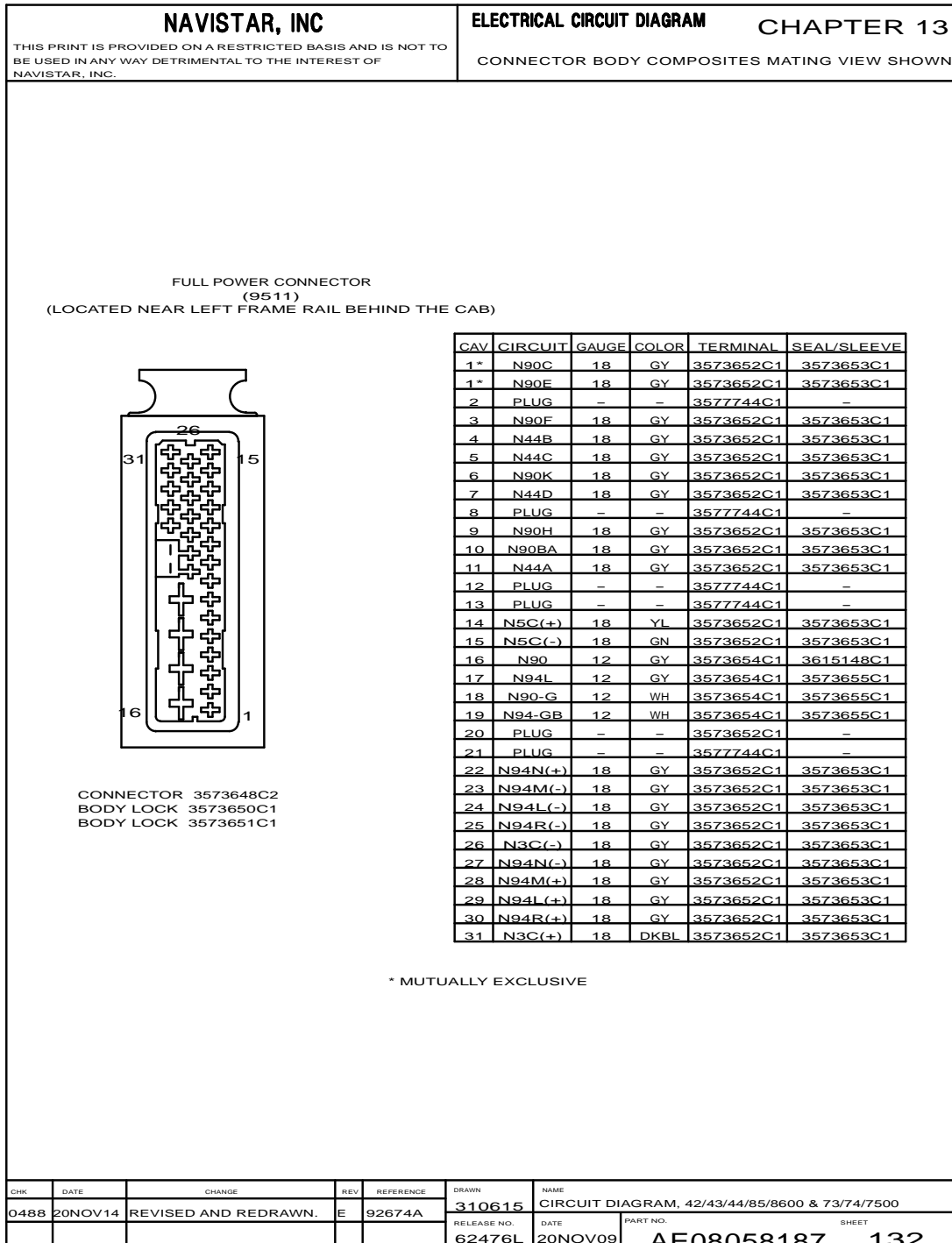


Figure 943 Connector Composites (9511)

13.270. CONNECTOR COMPOSITES (9511K), P. 133

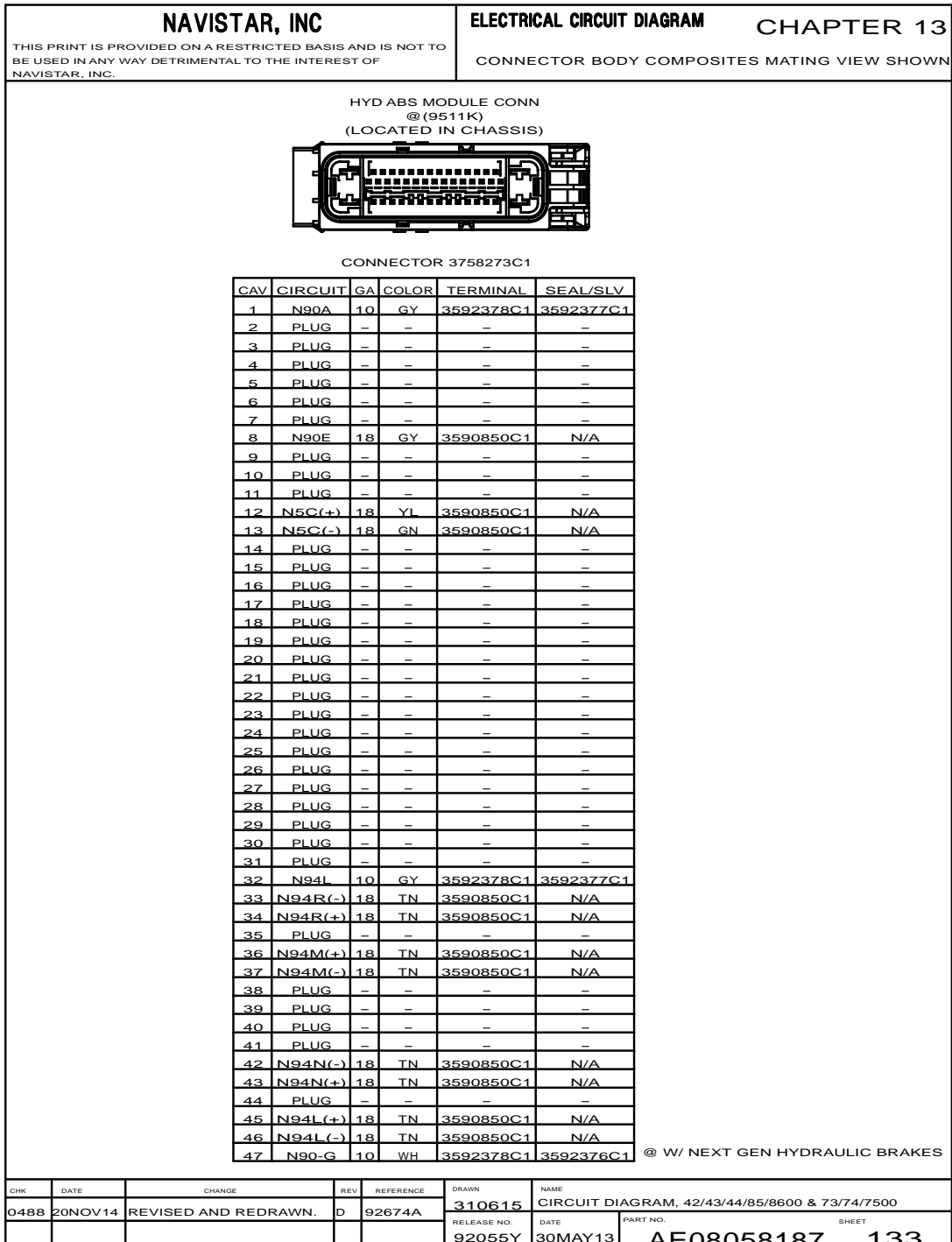


Figure 944 Connector Composites (9511K)

13.271. CONNECTOR COMPOSITES (9512), (9512A), (9512C), (9513), (9513A), (9513B), P. 134

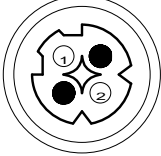
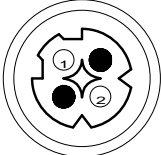
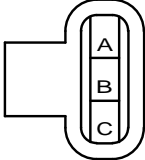
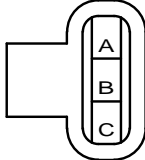
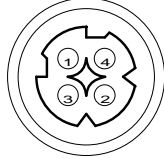
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																	
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<p>BENDIX TTC / SS ABS ADV ATR VALVE (9512 / 9512C) (LOCATED IN CHASSIS)</p>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: 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>N94SJ</td> <td>16</td> <td>GY</td> <td>3679224C1</td> <td>3601687C1</td> </tr> <tr> <td>1#</td> <td>N94SJ</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3601687C1</td> </tr> <tr> <td>2*</td> <td>N94SK</td> <td>16</td> <td>GY</td> <td>3679224C1</td> <td>3601687C1</td> </tr> <tr> <td>2#</td> <td>N94SK</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3601687C1</td> </tr> </tbody> </table> <p style="font-size: x-small;">* BENDIX ADV AIR ABS W/RH W/ATC (4*2,4*4) # BENDIX ADV ABS W/STANDARD (6*4)</p> <p style="text-align: center;">CONNECTOR 3678796C1</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1*	N94SJ	16	GY	3679224C1	3601687C1	1#	N94SJ	18	GY	3601686C1	3601687C1	2*	N94SK	16	GY	3679224C1	3601687C1	2#	N94SK	18	GY	3601686C1	3601687C1																		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																		
1*	N94SJ	16	GY	3679224C1	3601687C1																																																		
1#	N94SJ	18	GY	3601686C1	3601687C1																																																		
2*	N94SK	16	GY	3679224C1	3601687C1																																																		
2#	N94SK	18	GY	3601686C1	3601687C1																																																		
<p>MD LSM AIR VALVE (9512A) LOCATED IN CHASSIS</p>  <table border="1" style="margin-left: auto; margin-right: auto; 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>N94SJ</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3601687C1</td> </tr> <tr> <td>2</td> <td>N94SK</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3601687C1</td> </tr> </tbody> </table> <p style="text-align: center;">CONNECTOR 3678796C1</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	N94SJ	18	GY	3601686C1	3601687C1	2	N94SK	18	GY	3601686C1	3601687C1																														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																		
1	N94SJ	18	GY	3601686C1	3601687C1																																																		
2	N94SK	18	GY	3601686C1	3601687C1																																																		
<p>TRAILER MODULATOR (9513) (LOCATED IN CHASSIS)</p>  <p style="text-align: right; margin-right: 20px;">W/ TRANSTAR</p> <p style="text-align: center;">CONNECTOR 1686834C1 BODY LOCK 1664408C1</p> <table border="1" style="margin-left: auto; margin-right: auto; 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>N94SM</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N94SN</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>N94SL</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N94SM	16	GY	2033819C1	1652325C1	B	N94SN	16	GY	2033819C1	1652325C1	C	N94SL	16	GY	2033819C1	1652325C1	<p>MD RSM 5TH MABULATOR (9513A/9513B) (LOCATED IN CHASSIS)</p>  <p style="text-align: right; margin-right: 20px;">W/ WORKSTAR</p> <p style="text-align: center;">CONNECTOR 1686834C1 BODY LOCK 1664408C1</p> <table border="1" style="margin-left: auto; margin-right: auto; 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>N94SM</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N94SN</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>N94SL</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N94SM	18	GY	2033819C1	1652325C1	B	N94SN	18	GY	2033819C1	1652325C1	C	N94SL	18	GY	2033819C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																		
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C	N94SL	16	GY	2033819C1	1652325C1																																																		
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B	N94SN	18	GY	2033819C1	1652325C1																																																		
C	N94SL	18	GY	2033819C1	1652325C1																																																		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																	
-	-	REVISED AND REDRAWN.	E	92674A	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																	
					RELEASE NO.	DATE	PART NO.																																																
					92055Y	30MAY13	AE08058187																																																
						SHEET	134																																																

Figure 945 Connector Composites (9512), (9512A), (9512C), (9513), (9513A), (9513B)

13.272. CONNECTOR COMPOSITES (9514), (9514D), (9514F), (9516), (9516M), P. 135

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8600 YAW SENSOR /
73-74-7500 YAW SENSOR /
RSM 7600 YAW SENSOR
(9514 / 9514D / 9514F)
(LOCATED NEAR LEFT FRAME RAIL BACK OF CAB)

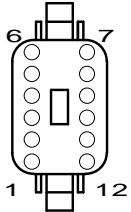


CONNECTOR 3601685C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	N94SAB	18	GY	3601686C1	3601687C1
2	N94SCB	18	GY	3601686C1	3601687C1
2*	N94SBB	18	GY	3601686C1	3601687C1
3	N94SBB	18	GY	3601686C1	3601687C1
3*	N94SCB	18	GY	3601686C1	3601687C1
4	N94SDB	18	GY	3601686C1	3601687C1

* W/ BENDIX ADV AIR ABS W/RH,W/ATC AND LOW MID CAB

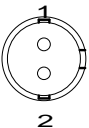
BENDIX 6-CHANNEL ABS INLINE CONNECTOR
(9516)
(LOCATED ON LEFT FRAME RAIL BEHIND CAB)



CONNECTOR 3602757C1
BODY LOCK 3601925C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	N94P	16	GY	1680205C1
2	N94Q	16	GY	1680205C1
3	N94RA	16	GY	1680205C1
4	N94S	16	GY	1680205C1
5	N94TAA	16	GY	1680205C1
6	N94U	16	GY	1680205C1
7	N94V	16	GY	1680205C1

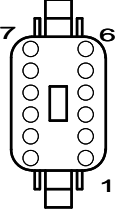
WABCO LEFT AIR WHEEL SPEED SENSOR
(9516)
(LOCATED ON LEFT FRAME RAIL BY REAR AXLE)



CONNECTOR 3519878C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	R94WL	18	BK	ASSY
2	R94WM	18	BN	ASSY

BENDIX 6-CHANNEL ABS INLINE CONN
(9516M)
(LOCATED ON LEFT FRAME RAIL BEHIND CAB)



CONNECTOR 3519462C1
BODY LOCK 1689501C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	R94P	16	GY	1680206C1
2	R94Q	16	GY	1680206C1
3	R94R	16	GY	1680206C1
4	R94S	16	GY	1680206C1
5	R94T	16	GY	1680206C1
6	R94U	16	GY	1680206C1
7	R94V	16	GY	1680206C1
8	PLUG	-	-	0453133C1
9	PLUG	-	-	0453133C1
10	PLUG	-	-	0453133C1
11	PLUG	-	-	0453133C1
12	PLUG	-	-	0453133C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
-	-	REVISED AND REDRAWN.	D	92674A	360070	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO. 76737G	DATE 16 JUN 11
						PART NO. AE08058187 SHEET 135

Figure 946 Connector Composites (9514), (9514D), (9514F), (9516), (9516M)

13.273. CONNECTOR COMPOSITES (9517), (9518), (9519), (9520), (9521), P. 136

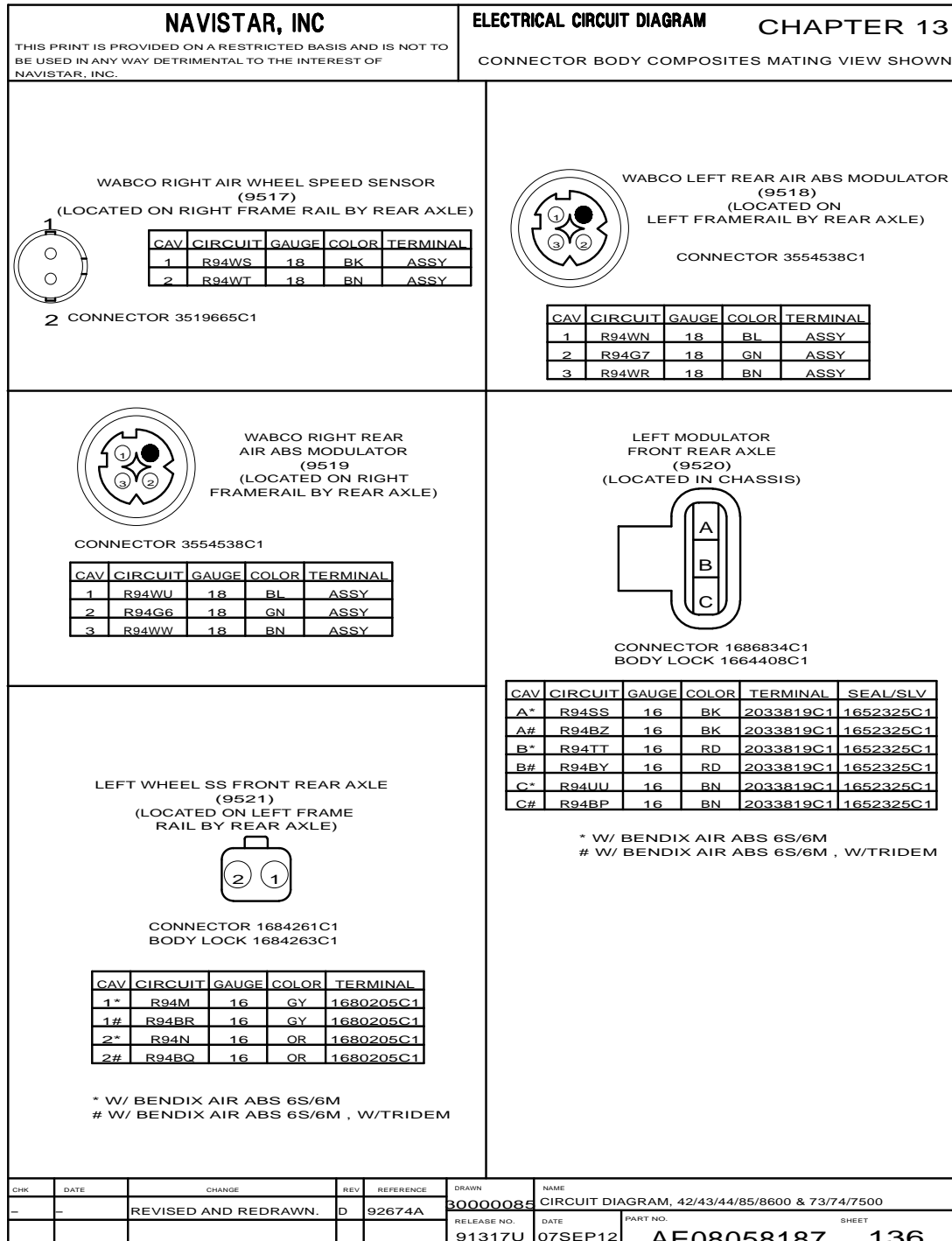
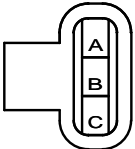


Figure 947 Connector Composites (9517), (9518), (9519), (9520), (9521)

13.274. CONNECTOR COMPOSITES (9522), (9523), (9524), P. 137

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RIGHT MODULATOR FRONT REAR AXLE
(9522)
(LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)




CONNECTOR 1686834C1
BODY LOCK 1664408C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
A*	R94VV	16	PL	2033819C1	1652325C1
A#	R94BS	16	PL	2033819C1	1652325C1
B*	R94W	16	LT GN	2033819C1	1652325C1
B#	R94BT	16	LT GN	2033819C1	1652325C1
C*	R94X	16	LT BL	2033819C1	1652325C1
C#	R94BU	16	LT BL	2033819C1	1652325C1

* W/ BENDIX AIR ABS 6S/6M
W/ BENDIX AIR ABS 6S/6M , W/TRIDEM

RIGHT WHEEL SS FRONT REAR AXLE
(9523)
(LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)

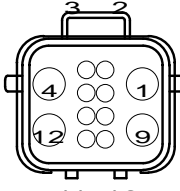


CONNECTOR 1684261C1
BODY LOCK 1684263C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1*	R94PP	16	DK BL	1680205C1
1#	R94BW	16	DK BL	1680205C1
2*	R94RR	16	YL	1680205C1
2#	R94BV	16	YL	1680205C1

* W/ BENDIX AIR ABS 6S/6M
W/ BENDIX AIR ABS 6S/6M , W/TRIDEM

ABS 6S / 6M
(9524)
(LOCATED ON LEFT FRAME RAIL BEHIND CAB)



CONNECTOR 3576268C1
BODY LOCK 3576263C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1*	R94A	16	GY	3574288C1
1*	R94G	16	GY	3574288C1
2*	R94E	16	GY	3574285C1
2*	R94F	16	BK	3574285C1
3*	R94L	16	GY	3574285C1
3*	R94C	16	PL	3574285C1
4*	R94F	16	GY	3574288C1
4*	R94J	16	DKBL	3574288C1
5*	R94D	16	GY	3574285C1
5*	R94E	16	RD	3574285C1
6*	R94K	16	GY	3574285C1
6*	R94A	16	LTGN	3574285C1
7*	R94C	16	GY	3574285C1
7*	R94D	16	BN	3574285C1
8*	R94H	16	GY	3574285C1
8*	R94B	16	LTBL	3574285C1
9*	R94B	16	GY	3574288C1
9*	R94H	16	OR	3574288C1
10	PLUG	-	-	3527276C1
11	PLUG	-	-	3527276C1
12*	R94G	16	GY	3574288C1
12*	R94K	16	YL	3574288C1

* MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
-	-	REVISED AND REDRAWN.	D	92674A	MJV0088	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					91317U	07SEP12
					PART NO.	SHEET
					AE08058187	137

Figure 948 Connector Composites (9522), (9523), (9524)

13.275. CONNECTOR COMPOSITES (9524), (9530), P. 138

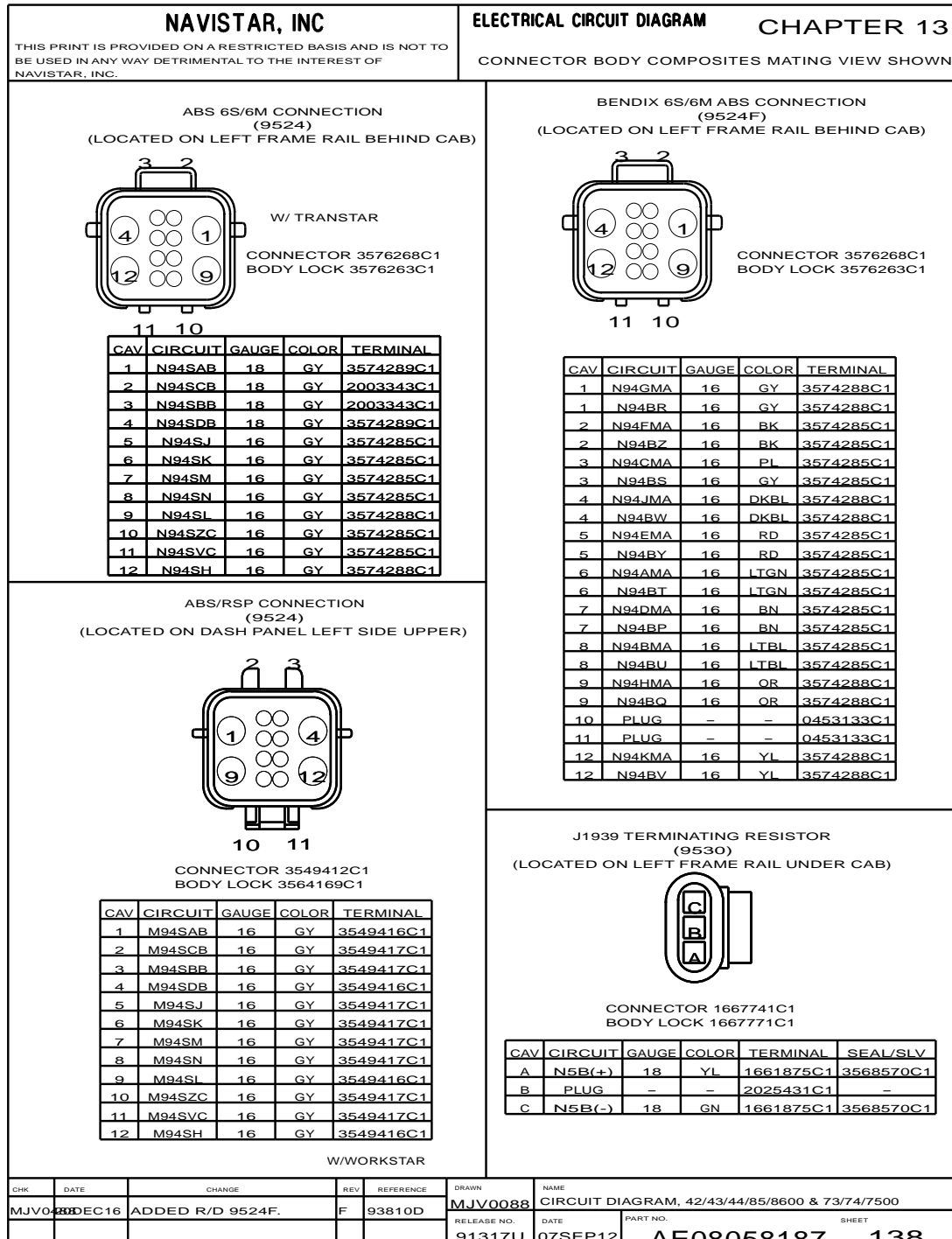


Figure 949 Connector Composites (9524), (9530)

13.276. CONNECTOR COMPOSITES (9531F), (9531M), (9532F), P. 139

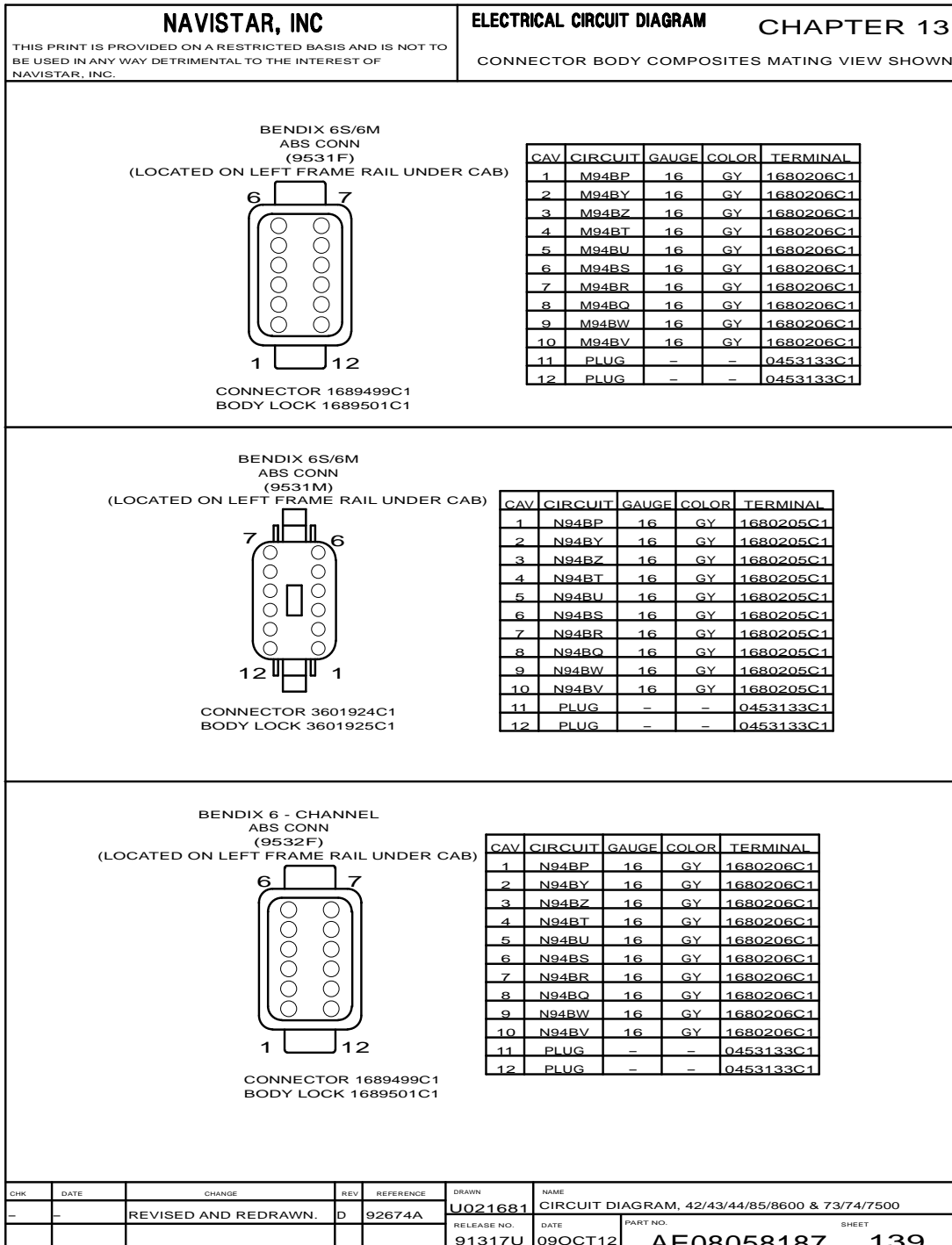
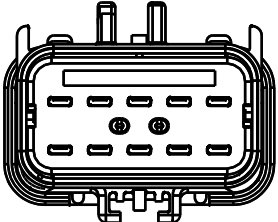


Figure 950 Connector Composites (9531F), (9531M), (9532F)

13.277. CONNECTOR COMPOSITES (9532M), (9533F), P. 140

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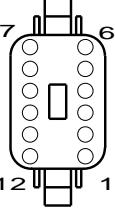
BENDIX 6S/6M ABS CONN
(9532M)
(LOCATED ON LEFT FRAME RAIL UNDER CAB)



CONNECTOR 6112506C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	N94BY	16	RD	3618273C1
2	N94BP	16	BN	3618273C1
3	N94BZ	16	BK	3618273C1
4	N94BT	16	LTGN	3618273C1
5	N94BU	16	LTBL	3618273C1
6	N94BS	16	GY	3618273C1
7	N94BR	16	GY	3618273C1
8	N94BQ	16	OR	3618273C1
9	N94BW	16	DKBL	3618273C1
10	N94BV	16	YL	3618273C1

BENDIX 6S/6M ABS CONN
(9532M)
(LOCATED ON LEFT FRAME RAIL UNDER CAB)

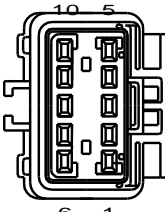


CONNECTOR 3601924C1
BODY LOCK 3601925C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1*	R94H	16	GY	1680205C1
1#	R94C	16	GY	1680205C1
2*	R94F	16	GY	1680205C1
2#	R94D	16	GY	1680205C1
3	R94E	16	GY	1680205C1
4	R94K	16	GY	1680205C1
5*	R94L	16	GY	1680205C1
5#	R94H	16	GY	1680205C1
6*	R94J	16	GY	1680205C1
6#	R94L	16	GY	1680205C1
7	R94A	16	GY	1680205C1
8	R94B	16	GY	1680205C1
9*	R94C	16	GY	1680205C1
9#	R94F	16	GY	1680205C1
10*	R94D	16	GY	1680205C1
10#	R94G	16	GY	1680205C1
11	PLUG	-	-	0453133C1
12	PLUG	-	-	0453133C1

* BENDIX AIR ABS 6S/6M TRIDEM
BENDIX AIR ABS 6S/6M (6X4)

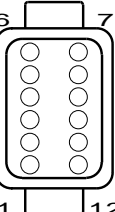
BENDIX 6S/6M ABS CONN
(9532M)
(LOCATED ON LEFT FRAME RAIL UNDER CAB)



CONNECTOR 3690369C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	R94H	16	GY	3613770C1
1	R94C	16	GY	3613770C1
2	R94F	16	GY	3613770C1
2	R94D	16	GY	3613770C1
3	R94E	16	GY	3613770C1
4	R94K	16	GY	3613770C1
5	R94L	16	GY	3613770C1
5	R94H	16	GY	3613770C1
6	R94J	16	GY	3613770C1
6	R94L	16	GY	3613770C1
7	R94A	16	GY	3613770C1
8	R94B	16	GY	3613770C1
9	R94C	16	GY	3613770C1
9	R94F	16	GY	3613770C1
10	R94D	16	GY	3613770C1
10	R94G	16	GY	3613770C1

WABCO 6 - CHANNEL ABS CONN
(9533F)
(LOCATED ON LEFT FRAME RAIL UNDER CAB)



CONNECTOR 1689499C1
BODY LOCK 1689501C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	N94B	16	GY	1680206C1
2	N94A	16	GY	1680206C1
3	N94-GA6	16	WH	1680206C1
4	N94C	16	GY	1680206C1
5	N94D	16	GY	1680206C1
6	N94-GA7	16	GY	1680206C1
7	N94E	16	GY	1680206C1
8	N94F	16	GY	1680206C1
9	N94G	16	GY	1680206C1
10	N94H	16	GY	1680206C1
11	PLUG	-	-	0453133C1
12	PLUG	-	-	0453133C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJVO	08DEC16	ADDED R/D 9532M AND	E	93810D	30000085	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
	9532M.				RELEASE NO.	DATE
					91317U	09OCT12
					PART NO.	SHEET
					AE08058187	140

Figure 951 Connector Composites (9532M), (9533F)

13.278. CONNECTOR COMPOSITES (9559), (9560), (9561), (9562), P. 141



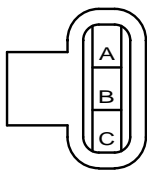
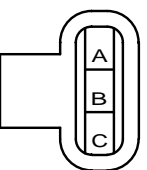
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																											
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<p>BENDIX L RR REAR WHL SPEED SNSR (HTB) (9559) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>  <table border="1" style="margin-left: auto; margin-right: auto;"> <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>R94A</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>R94B</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> </tbody> </table> <p>CONNECTOR 1684261C1 BODY LOCK 1684263C1</p>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94A	16	GY	1680205C1	2	R94B	16	GY	1680205C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																															
1	R94A	16	GY	1680205C1																															
2	R94B	16	GY	1680205C1																															
<p>BENDIX R RR REAR WHL SPEED SNSR (HTB) (9560) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>  <table border="1" style="margin-left: auto; margin-right: auto;"> <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>R94F</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>R94G</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> </tbody> </table> <p>CONNECTOR 1684261C1 BODY LOCK 1684263C1</p>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94F	16	GY	1680205C1	2	R94G	16	GY	1680205C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																															
1	R94F	16	GY	1680205C1																															
2	R94G	16	GY	1680205C1																															
<p>BENDIX R RR REAR MODULATOR (HTB) (9561) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>  <table border="1" style="margin-left: auto; margin-right: auto;"> <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>R94L</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R94K</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R94H</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p>CONNECTOR 1686834C1 BODY LOCK 1664408C1</p>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	A	R94L	16	GY	2033819C1	1652325C1	B	R94K	16	GY	2033819C1	1652325C1	C	R94H	16	GY	2033819C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV																														
A	R94L	16	GY	2033819C1	1652325C1																														
B	R94K	16	GY	2033819C1	1652325C1																														
C	R94H	16	GY	2033819C1	1652325C1																														
<p>BENDIX R FR REAR MODULATOR (HTB) (9562) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>  <table border="1" style="margin-left: auto; margin-right: 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>R94T</td> <td>16</td> <td>PL</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R94U</td> <td>16</td> <td>LTGN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R94V</td> <td>16</td> <td>LTBL</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p>CONNECTOR 1686834C1 BODY LOCK 1664408C1</p>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94T	16	PL	2033819C1	1652325C1	B	R94U	16	LTGN	2033819C1	1652325C1	C	R94V	16	LTBL	2033819C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																														
A	R94T	16	PL	2033819C1	1652325C1																														
B	R94U	16	LTGN	2033819C1	1652325C1																														
C	R94V	16	LTBL	2033819C1	1652325C1																														
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																													
0488	25JUN14	REVISED AND REDRAWN.	C	92603H	30000085	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																													
RELEASE NO.		DATE		PART NO.		SHEET																													
91749M		03DEC12		AE08058187		141																													

Figure 952 Connector Composites (9559), (9560), (9561), (9562)

13.279. CONNECTOR COMPOSITES (9540), (9540A), (9540B), (9541), P. 142

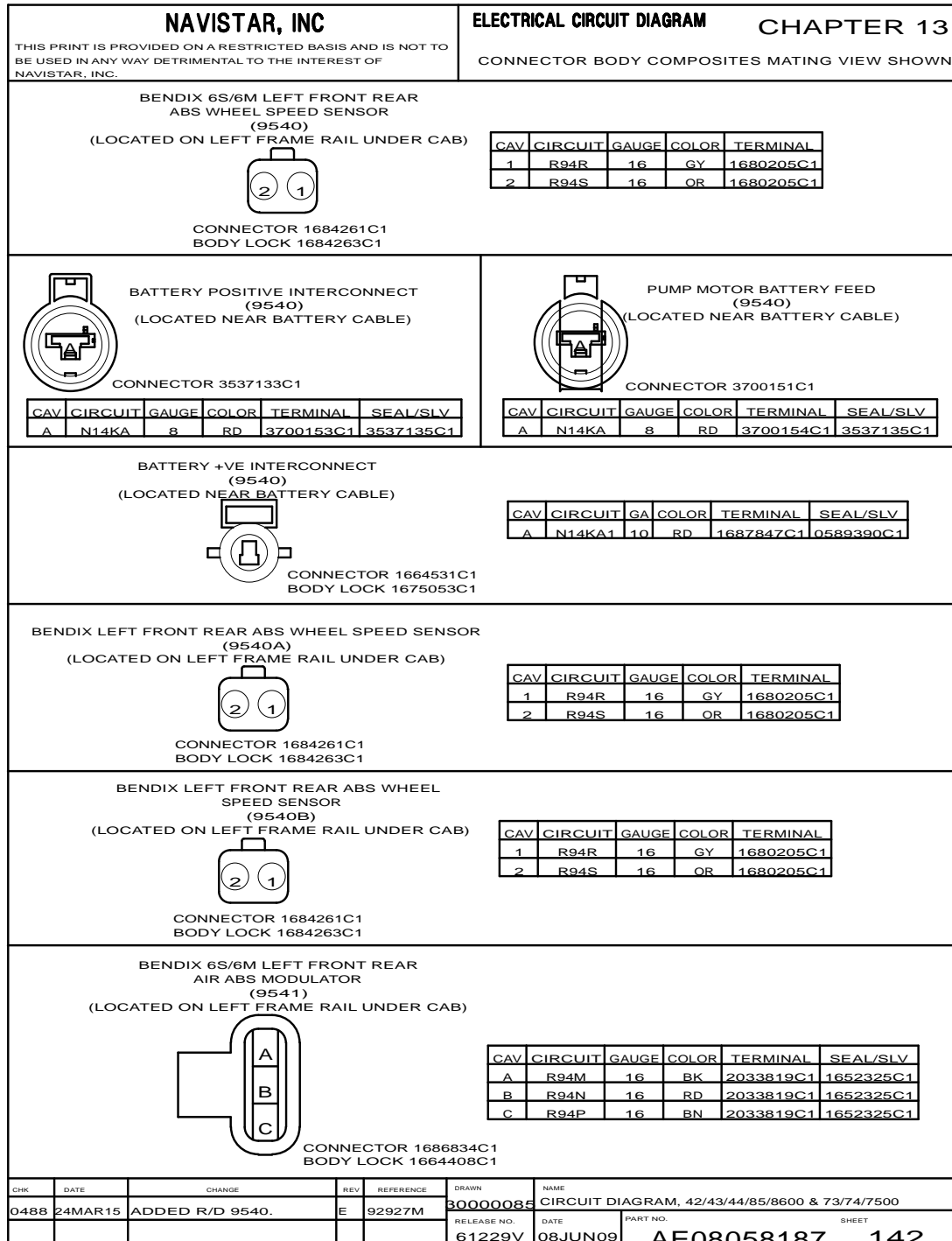


Figure 953 Connector Composites (9540), (9540A), (9540B), (9541)

13.280. CONNECTOR COMPOSITES (9541A), (9541B), (9542), (9542A), (9542C), P. 143

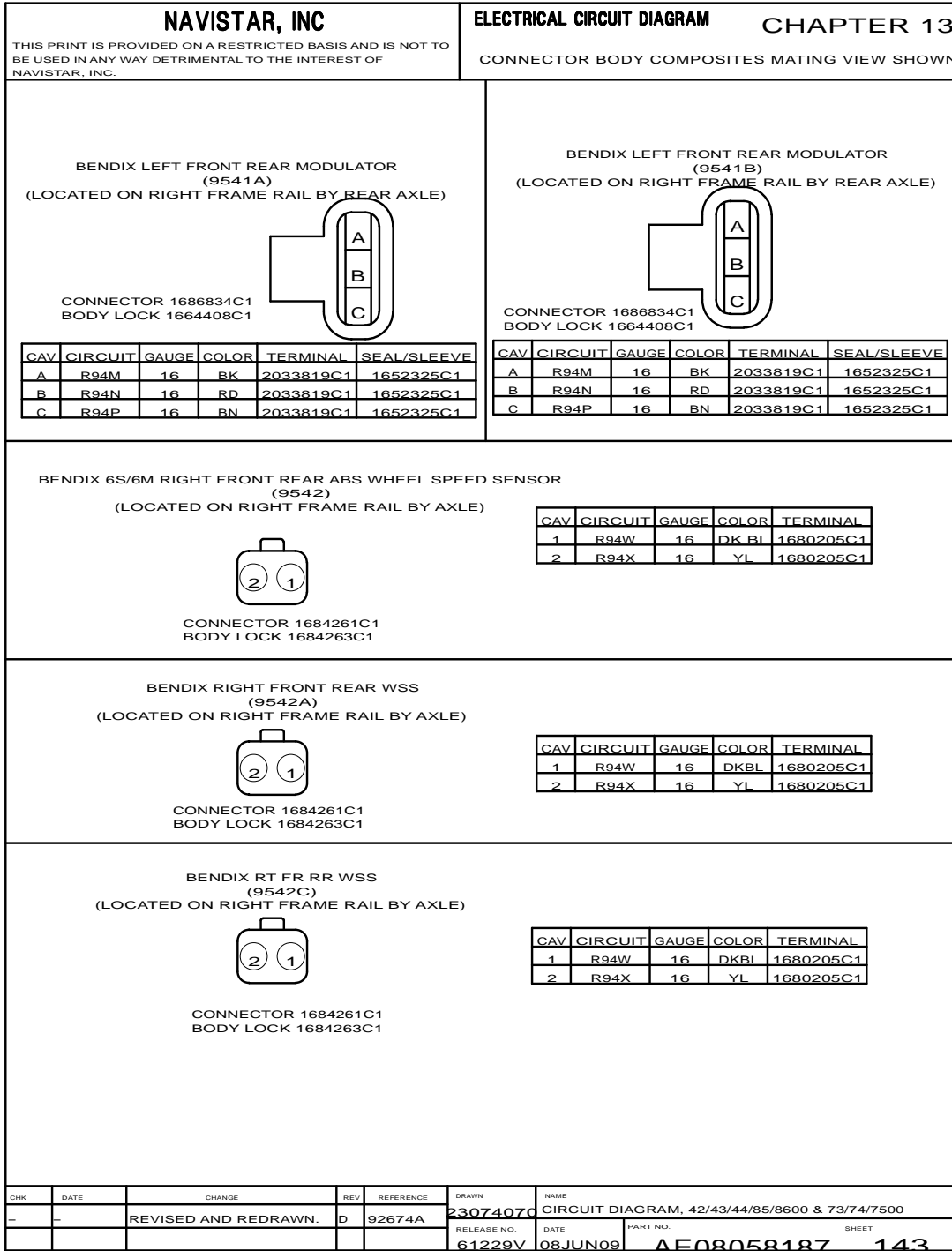


Figure 954 Connector Composites (9541A), (9541B), (9542), (9542A), (9542C)

13.281. CONNECTOR COMPOSITES (9543), (9543A), (9543C), (9544), (9546), (9547), P. 144

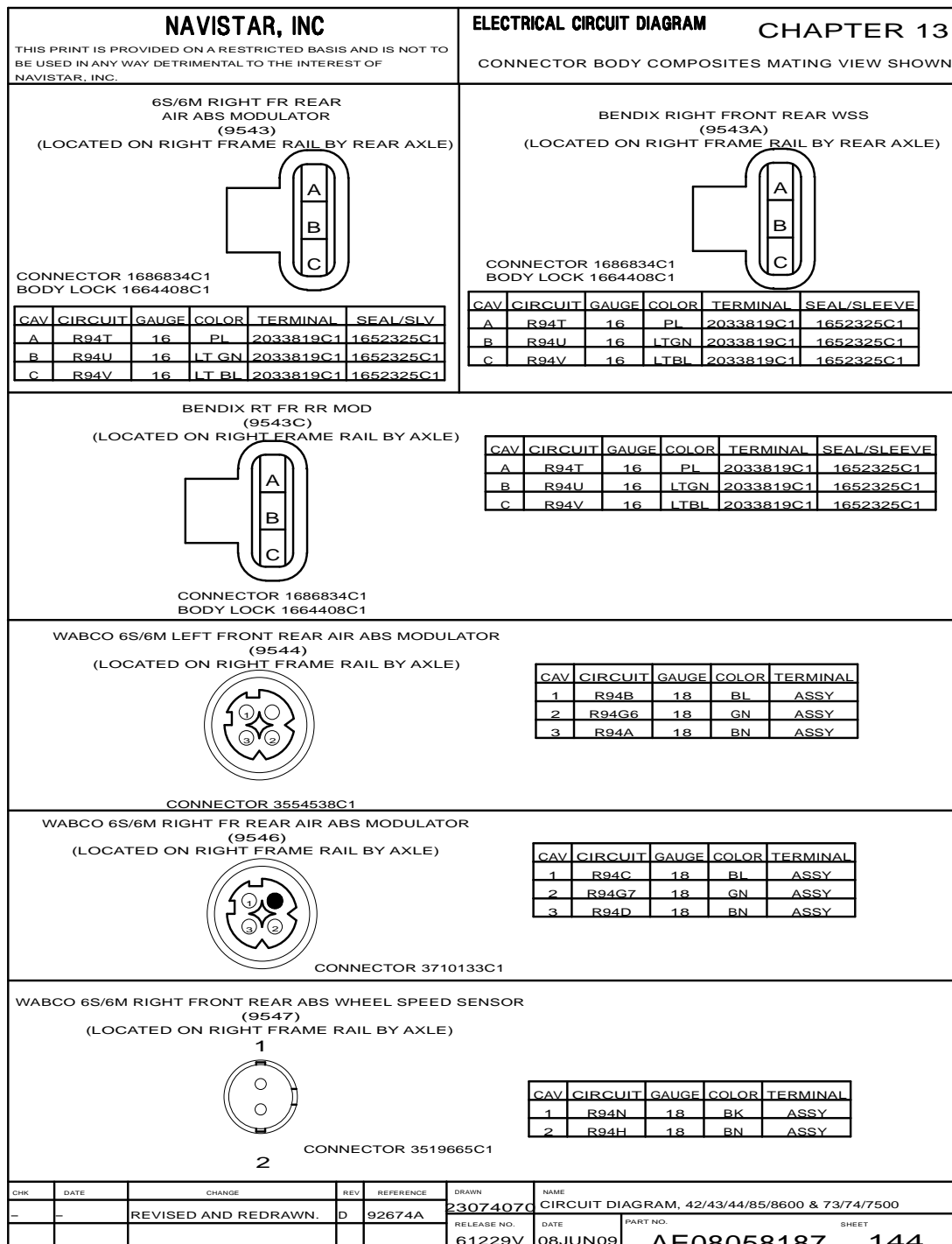


Figure 955 Connector Composites (9543), (9543A), (9543C), (9544), (9546), (9547)

13.282. CONNECTOR COMPOSITES (9548), (9548A), (9549), (9549A), (9549B), P. 145

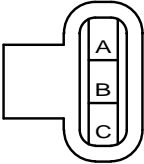
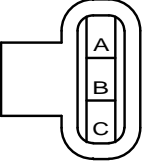



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<p>BENDIX 6S/6M LEFT REAR REAR AIR ABS MODULATOR (9548) (LOCATED ON RIGHT FRAME RAIL BY AXLE)</p>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R94E</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R94D</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R94C</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">CONNECTOR 1686834C1 BODY LOCK 1664408C1</p>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	A	R94E	16	GY	2033819C1	1652325C1	B	R94D	16	GY	2033819C1	1652325C1	C	R94C	16	GY	2033819C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV																														
A	R94E	16	GY	2033819C1	1652325C1																														
B	R94D	16	GY	2033819C1	1652325C1																														
C	R94C	16	GY	2033819C1	1652325C1																														
<p>BENDIX LEFT REAR REAR MODULATOR (9548A) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>  <table border="1" style="margin-left: auto; margin-right: auto; 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>R94E</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R94D</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R94C</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">CONNECTOR 1686834C1 BODY LOCK 1664408C1</p>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94E	16	GY	2033819C1	1652325C1	B	R94D	16	GY	2033819C1	1652325C1	C	R94C	16	GY	2033819C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																														
A	R94E	16	GY	2033819C1	1652325C1																														
B	R94D	16	GY	2033819C1	1652325C1																														
C	R94C	16	GY	2033819C1	1652325C1																														
<p>BENDIX 6S/6M LEFT REAR REAR ABS WHEEL SPEED SENSOR (9549) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94A</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>R94B</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">CONNECTOR 1684261C1 BODY LOCK 1684263C1</p>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94A	16	GY	1680205C1	2	R94B	16	GY	1680205C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																															
1	R94A	16	GY	1680205C1																															
2	R94B	16	GY	1680205C1																															
<p>BENDIX LEFT REAR REAR WSS (9549A) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94A</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>R94B</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">CONNECTOR 1684261C1 BODY LOCK 1684263C1</p>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94A	16	GY	1680205C1	2	R94B	16	GY	1680205C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																															
1	R94A	16	GY	1680205C1																															
2	R94B	16	GY	1680205C1																															
<p>BENDIX LEFT RR RR WSS (9549B) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94A</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>R94B</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">CONNECTOR 1684261C1 BODY LOCK 1684263C1</p>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94A	16	GY	1680205C1	2	R94B	16	GY	1680205C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																															
1	R94A	16	GY	1680205C1																															
2	R94B	16	GY	1680205C1																															
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																													
0488	20NOV14	REVISED AND REDRAWN.	D	92674A	310706	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																													
RELEASE NO.		DATE		PART NO.		SHEET																													
61229V		08JUN09		AE08058187		145																													

Figure 956 Connector Composites (9548), (9548A), (9549), (9549A), (9549B)

13.283. CONNECTOR COMPOSITES (9550), (9550A), P. 146

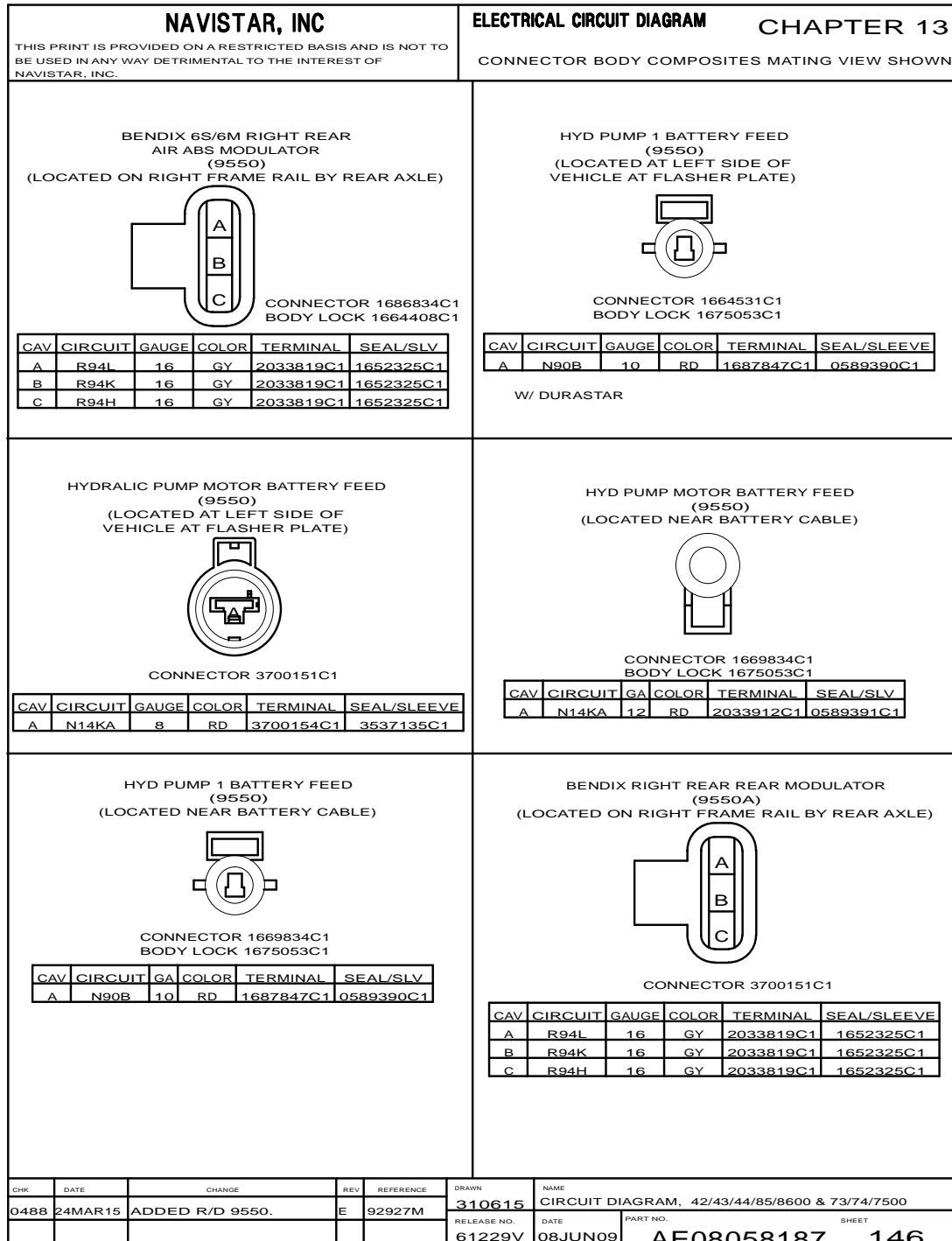


Figure 957 Connector Composites (9550), (9550A)

13.284. CONNECTOR COMPOSITES (9550A), (9550B), (9551), (9551A), (9552), P. 147


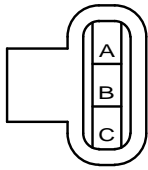


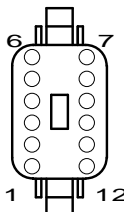
NAVISTAR, INC		ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																		
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<p>HYDRALIC PUMP MOTOR BATTERY FEED (9550A)</p>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N10</td> <td>8</td> <td>RD</td> <td>3700153C1</td> <td>3537135C1</td> </tr> </tbody> </table> <p style="text-align: center;">CONNECTOR 3537133C1</p>						CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	N10	8	RD	3700153C1	3537135C1																																																					
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																																																	
A	N10	8	RD	3700153C1	3537135C1																																																																	
<p>BENDIX RT RR RR MOD (9550B) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>  <table border="1" style="margin-left: auto; margin-right: auto; 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>R94L</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R94K</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R94H</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p style="text-align: center;">CONNECTOR 1686834C1 BODY LOCK 1664408C1</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94L	16	GY	2033819C1	1652325C1	B	R94K	16	GY	2033819C1	1652325C1	C	R94H	16	GY	2033819C1	1652325C1																																									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																	
A	R94L	16	GY	2033819C1	1652325C1																																																																	
B	R94K	16	GY	2033819C1	1652325C1																																																																	
C	R94H	16	GY	2033819C1	1652325C1																																																																	
<p>BENDIX 6S/6M RIGHT REAR REAR ABS WHEEL SPEED SENSOR (9551) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94F</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>R94G</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> </tbody> </table> <p style="text-align: center;">CONNECTOR 1684261C1 BODY LOCK 1684263C1</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94F	16	GY	1680205C1	2	R94G	16	GY	1680205C1																																																		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																		
1	R94F	16	GY	1680205C1																																																																		
2	R94G	16	GY	1680205C1																																																																		
<p>BENDIX RIGHT REAR REAR WSS (9551A) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94F</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>R94G</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> </tbody> </table> <p style="text-align: center;">CONNECTOR 1684261C1 BODY LOCK 1684263C1</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94F	16	GY	1680205C1	2	R94G	16	GY	1680205C1																																																		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																		
1	R94F	16	GY	1680205C1																																																																		
2	R94G	16	GY	1680205C1																																																																		
<p>CENTER CHASSIS/IP INTERCONNECT RHD (9552) (LOCATED ON IN CHASSIS)</p>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>N94BA</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>2</td><td>N94BB</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>3</td><td>N94BC</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>4</td><td>N94BD</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>5</td><td>N94BE</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>6</td><td>N94BF</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>7</td><td>N94BH</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>8</td><td>N94BJ</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>9</td><td>N94BK</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>10</td><td>N94BL</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>11</td><td>N94BM</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>12</td><td>N94BN</td><td>16</td><td>GY</td><td>1680205C1</td></tr> </tbody> </table> <p style="text-align: center;">CONNECTOR 3601923C1 BODY LOCK 3601925C1</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	N94BA	16	GY	1680205C1	2	N94BB	16	GY	1680205C1	3	N94BC	16	GY	1680205C1	4	N94BD	16	GY	1680205C1	5	N94BE	16	GY	1680205C1	6	N94BF	16	GY	1680205C1	7	N94BH	16	GY	1680205C1	8	N94BJ	16	GY	1680205C1	9	N94BK	16	GY	1680205C1	10	N94BL	16	GY	1680205C1	11	N94BM	16	GY	1680205C1	12	N94BN	16	GY	1680205C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																		
1	N94BA	16	GY	1680205C1																																																																		
2	N94BB	16	GY	1680205C1																																																																		
3	N94BC	16	GY	1680205C1																																																																		
4	N94BD	16	GY	1680205C1																																																																		
5	N94BE	16	GY	1680205C1																																																																		
6	N94BF	16	GY	1680205C1																																																																		
7	N94BH	16	GY	1680205C1																																																																		
8	N94BJ	16	GY	1680205C1																																																																		
9	N94BK	16	GY	1680205C1																																																																		
10	N94BL	16	GY	1680205C1																																																																		
11	N94BM	16	GY	1680205C1																																																																		
12	N94BN	16	GY	1680205C1																																																																		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																
0488	20NOV14	REVISED AND REDRAWN.	D	92674A	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																
					RELEASE NO.	DATE																																																																
					61229V	08JUN09																																																																
					PART NO.	SHEET																																																																
					AE08058187	147																																																																

Figure 958 Connector Composites (9550A), (9550B), (9551), (9551A), (9552)

13.285. CONNECTOR COMPOSITES (9553), (9554), (9555), (9556), (9557), P. 148


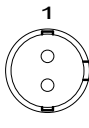

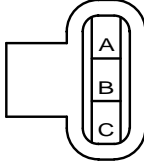

NAVISTAR, INC		ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																									
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.		CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																											
<p>WABCO 6S/6M L RR REAR AIR ABS MODULATOR (9553) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>  <table border="1" style="margin-left: auto; margin-right: auto;"> <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>R94L</td> <td>18</td> <td>BL</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>R94G8</td> <td>18</td> <td>GN</td> <td>ASSY</td> </tr> <tr> <td>3</td> <td>R94M</td> <td>18</td> <td>BN</td> <td>ASSY</td> </tr> </tbody> </table> <p>CONNECTOR 3554538C1</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94L	18	BL	ASSY	2	R94G8	18	GN	ASSY	3	R94M	18	BN	ASSY				
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																									
1	R94L	18	BL	ASSY																									
2	R94G8	18	GN	ASSY																									
3	R94M	18	BN	ASSY																									
<p>WABCO 6S/6M R RR REAR ABS WHEEL SPEED SENSOR (9554) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>  <table border="1" style="margin-left: auto; margin-right: auto;"> <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>R94T</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>R94U</td> <td>18</td> <td>BN</td> <td>ASSY</td> </tr> </tbody> </table> <p>CONNECTOR 3519878C1</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94T	18	BK	ASSY	2	R94U	18	BN	ASSY									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																									
1	R94T	18	BK	ASSY																									
2	R94U	18	BN	ASSY																									
<p>WABCO 6S/6M RIGHT REAR REAR AIR ABS MODULATOR (9555) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>  <table border="1" style="margin-left: auto; margin-right: auto;"> <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>R94P</td> <td>18</td> <td>BL</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>R94G9</td> <td>18</td> <td>GN</td> <td>ASSY</td> </tr> <tr> <td>3</td> <td>R94S</td> <td>18</td> <td>BN</td> <td>ASSY</td> </tr> </tbody> </table> <p>CONNECTOR 3554538C1</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94P	18	BL	ASSY	2	R94G9	18	GN	ASSY	3	R94S	18	BN	ASSY				
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																									
1	R94P	18	BL	ASSY																									
2	R94G9	18	GN	ASSY																									
3	R94S	18	BN	ASSY																									
<p>BENDIX L FR REAR MOD (HTB) (9556) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>  <table border="1" style="margin-left: auto; margin-right: 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>R94M</td> <td>16</td> <td>BK</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R94N</td> <td>16</td> <td>RD</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R94P</td> <td>16</td> <td>BN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p>CONNECTOR 1686834C1 BODY LOCK 1664408C1</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94M	16	BK	2033819C1	1652325C1	B	R94N	16	RD	2033819C1	1652325C1	C	R94P	16	BN	2033819C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																								
A	R94M	16	BK	2033819C1	1652325C1																								
B	R94N	16	RD	2033819C1	1652325C1																								
C	R94P	16	BN	2033819C1	1652325C1																								
<p>BENDIX L FR REAR WHL SPEED SENSOR (HTB) (9557) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>  <table border="1" style="margin-left: auto; margin-right: auto;"> <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>R94R</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>R94S</td> <td>16</td> <td>OR</td> <td>1680205C1</td> </tr> </tbody> </table> <p>CONNECTOR 1684261C1 BODY LOCK 1684263C1</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94R	16	GY	1680205C1	2	R94S	16	OR	1680205C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																									
1	R94R	16	GY	1680205C1																									
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0488	20NOV14	REVISED AND REDRAWN.	D	92674A	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																							
					RELEASE NO.	DATE																							
					61229V	08JUN09																							
					PART NO.	SHEET																							
					AE08058187	148																							

Figure 959 Connector Composites (9553), (9554), (9555), (9556), (9557)

13.286. CONNECTOR COMPOSITES (9558), (9559), (9560), (9561), (9562), P. 149

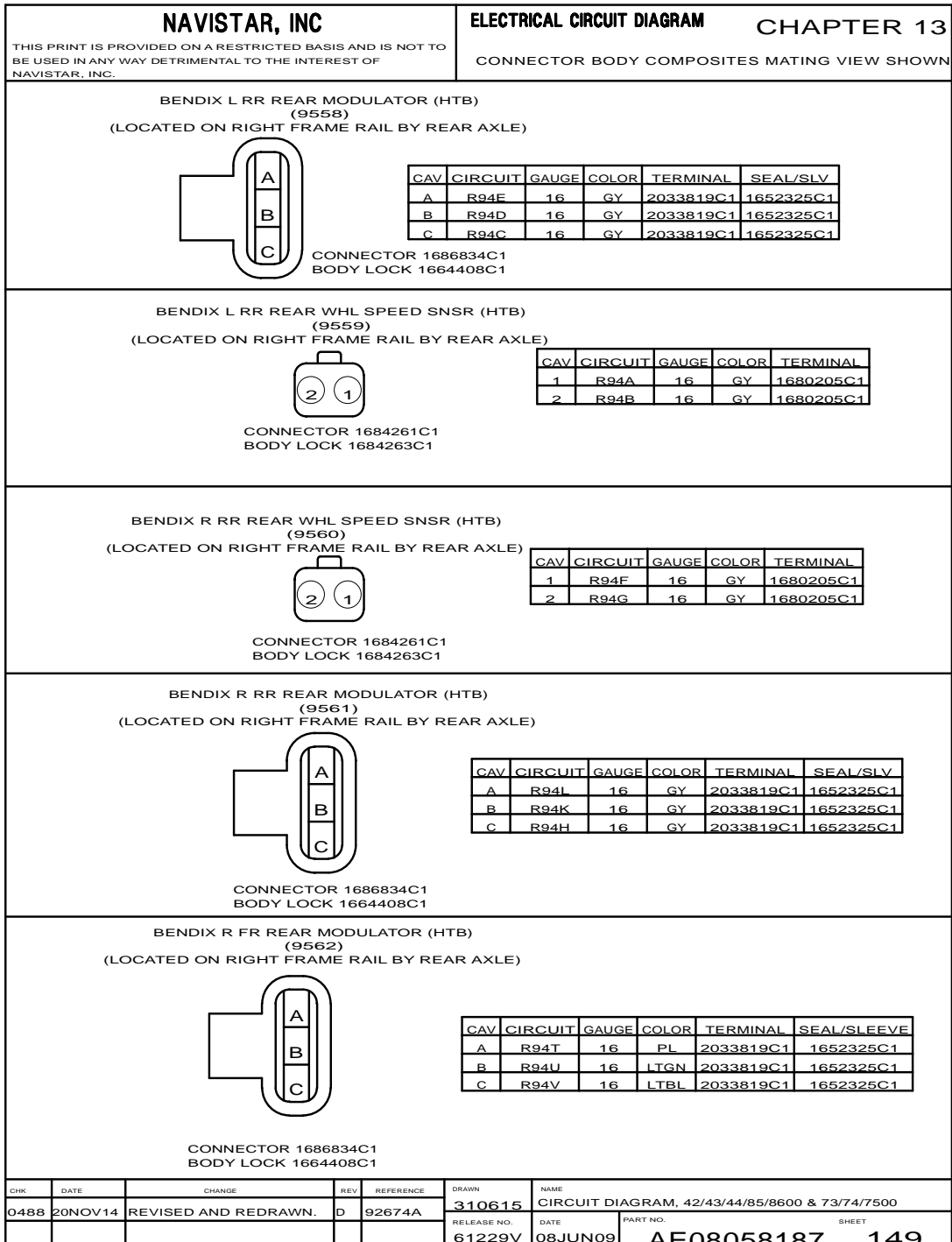


Figure 960 Connector Composites (9558), (9559), (9560), (9561), (9562)

13.287. CONNECTOR COMPOSITES (9563), (9565), (9570), (9570F), P. 150

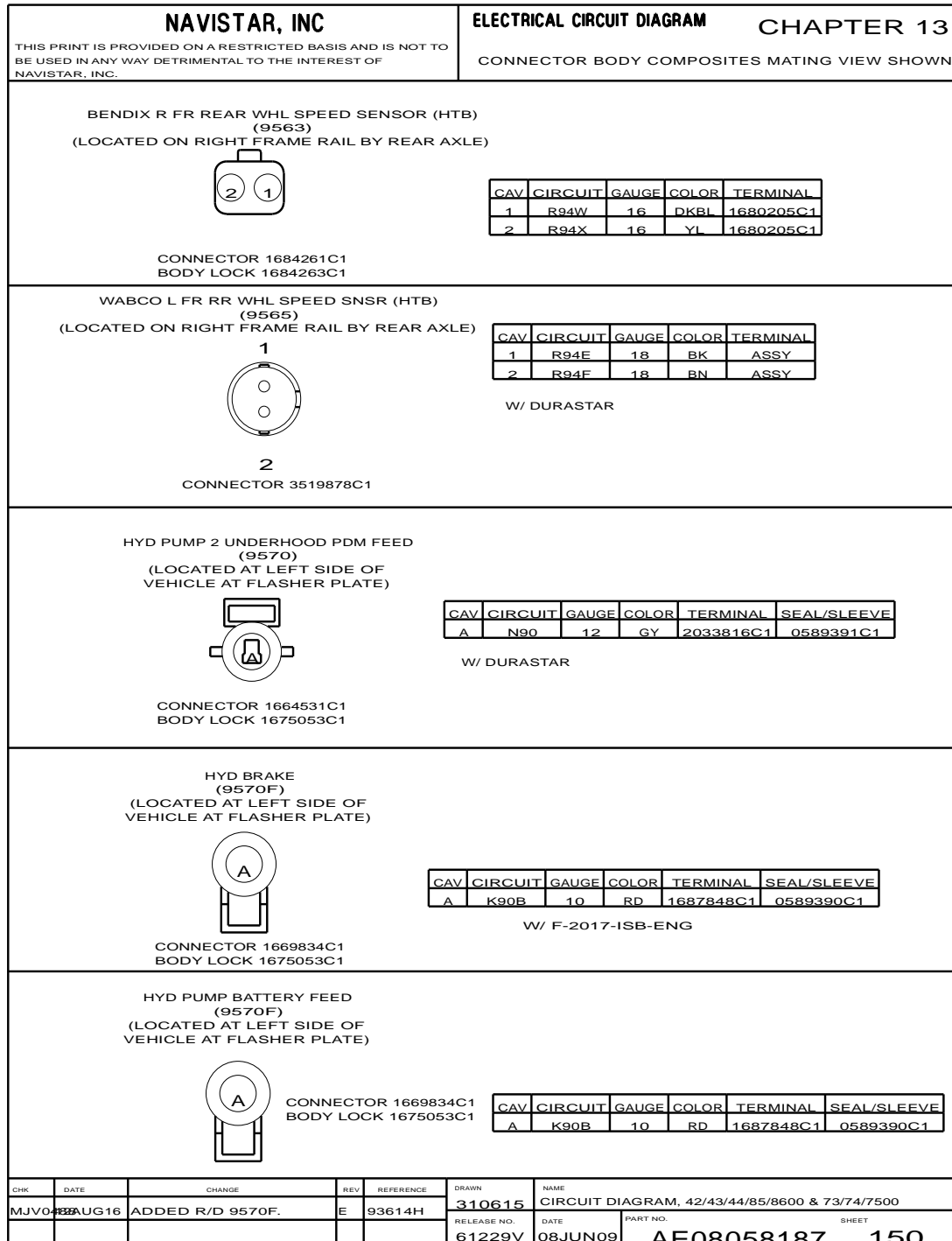


Figure 961 Connector Composites (9563), (9565), (9570), (9570F)

13.288. CONNECTOR COMPOSITES (9751), (9752), (9753), (9753A), (9754), (9754B), (9754D), P. 151

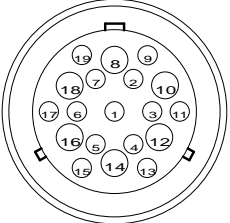
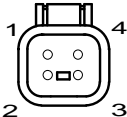

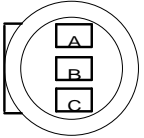
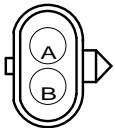
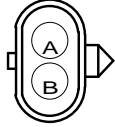
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																										
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<p>PEC CONN (9751) (LOCATED IN CHASSIS)</p>  <p style="text-align: right;">* W/ PTO @ N/ PTO</p> <p>CONNECTOR 3665410C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>N98H(+)</td><td>18</td><td>YL</td><td>1680205C1</td></tr> <tr><td>2</td><td>N98H(-)</td><td>18</td><td>GN</td><td>1680205C1</td></tr> <tr><td>3</td><td>N92DE</td><td>18</td><td>TN</td><td>1680205C1</td></tr> <tr><td>4</td><td>N92DC</td><td>18</td><td>TN</td><td>1680205C1</td></tr> <tr><td>5</td><td>N92PJ</td><td>18</td><td>TN</td><td>1680205C1</td></tr> <tr><td>6</td><td>N92PA</td><td>18</td><td>TN</td><td>1680205C1</td></tr> <tr><td>7</td><td>N92PE</td><td>18</td><td>TN</td><td>1680205C1</td></tr> <tr><td>8</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>9</td><td>N92PC</td><td>18</td><td>TN</td><td>1680205C1</td></tr> <tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>11</td><td>N92PF</td><td>18</td><td>TN</td><td>1680205C1</td></tr> <tr><td>12</td><td>N92HJ</td><td>12</td><td>TN</td><td>3557534C1</td></tr> <tr><td>13</td><td>N92PD</td><td>18</td><td>TN</td><td>1680205C1</td></tr> <tr><td>14*</td><td>N11-GHE</td><td>12</td><td>WH</td><td>3557534C1</td></tr> <tr><td>14@</td><td>N11-GHG</td><td>12</td><td>WH</td><td>3557534C1</td></tr> <tr><td>15</td><td>N92PG</td><td>18</td><td>TN</td><td>1680205C1</td></tr> <tr><td>16</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>17</td><td>N92PB</td><td>18</td><td>TN</td><td>1680205C1</td></tr> <tr><td>18</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>19</td><td>N92PH</td><td>18</td><td>TN</td><td>1680205C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	N98H(+)	18	YL	1680205C1	2	N98H(-)	18	GN	1680205C1	3	N92DE	18	TN	1680205C1	4	N92DC	18	TN	1680205C1	5	N92PJ	18	TN	1680205C1	6	N92PA	18	TN	1680205C1	7	N92PE	18	TN	1680205C1	8	PLUG	-	-	0453133C1	9	N92PC	18	TN	1680205C1	10	PLUG	-	-	0453133C1	11	N92PF	18	TN	1680205C1	12	N92HJ	12	TN	3557534C1	13	N92PD	18	TN	1680205C1	14*	N11-GHE	12	WH	3557534C1	14@	N11-GHG	12	WH	3557534C1	15	N92PG	18	TN	1680205C1	16	PLUG	-	-	0453133C1	17	N92PB	18	TN	1680205C1	18	PLUG	-	-	0453133C1	19	N92PH	18	TN	1680205C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																												
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10	PLUG	-	-	0453133C1																																																																																																												
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14*	N11-GHE	12	WH	3557534C1																																																																																																												
14@	N11-GHG	12	WH	3557534C1																																																																																																												
15	N92PG	18	TN	1680205C1																																																																																																												
16	PLUG	-	-	0453133C1																																																																																																												
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18	PLUG	-	-	0453133C1																																																																																																												
19	N92PH	18	TN	1680205C1																																																																																																												
<p>DC-DC CONV (9752) (LOCATED IN CHASSIS)</p>  <p>CONNECTOR 3545577C1 BODY LOCK 3545579C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>N92DB</td><td>18</td><td>TN</td><td>1651969C1</td></tr> <tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>3</td><td>N92DA</td><td>18</td><td>TN</td><td>1651969C1</td></tr> <tr><td>4</td><td>N11-GHF</td><td>18</td><td>WH</td><td>1651969C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	N92DB	18	TN	1651969C1	2	PLUG	-	-	0453133C1	3	N92DA	18	TN	1651969C1	4	N11-GHF	18	WH	1651969C1																																																																																
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4	N11-GHF	18	WH	1651969C1																																																																																																												
<p>TEMPERATURE SENSOR (9753A) (LOCATED IN CHASSIS)</p>  <p>CONNECTOR 3665561C1 BODY LOCK 3665585C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>1</td><td>N92TA</td><td>18</td><td>TN</td><td>3665563C1</td><td>3665564C1</td></tr> <tr><td>2</td><td>N92TB</td><td>18</td><td>TN</td><td>3665563C1</td><td>3665564C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	N92TA	18	TN	3665563C1	3665564C1	2	N92TB	18	TN	3665563C1	3665564C1																																																																																							
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2	N92TB	18	TN	3665563C1	3665564C1																																																																																																											
<p>TRANSFER CASE SWITCH (9754D) (LOCATED AT TRANSFER CASE)</p> <p style="text-align: center;">W/ WORKSTAR</p>  <p>CONNECTOR 089000-CB</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>N42</td><td>16</td><td>GY</td><td>0425058C1</td><td>089000-CB</td></tr> <tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>N42-G</td><td>16</td><td>GY</td><td>0425058C1</td><td>089000-CB</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N42	16	GY	0425058C1	089000-CB	B	-	-	-	-	-	C	N42-G	16	GY	0425058C1	089000-CB																																																																																	
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<p>TRANSFER CASE SWITCH (9754) (LOCATED AT TRANSFER CASE)</p> <p style="text-align: center;">W/ WORKSTAR</p>  <p>CONNECTOR 0587567C91</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>N42</td><td>16</td><td>GY</td><td>0587577C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>N42-G</td><td>18</td><td>WH</td><td>0587578C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N42	16	GY	0587577C1	1652325C1	B	N42-G	18	WH	0587578C1	1652325C1																																																																																							
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Figure 962 Connector Composites (9751), (9752), (9753), (9753A), (9754), (9754B), (9754D)

13.289. CONNECTOR COMPOSITES (9755), (9755B), (9755D), (9756), (9758), P. 152

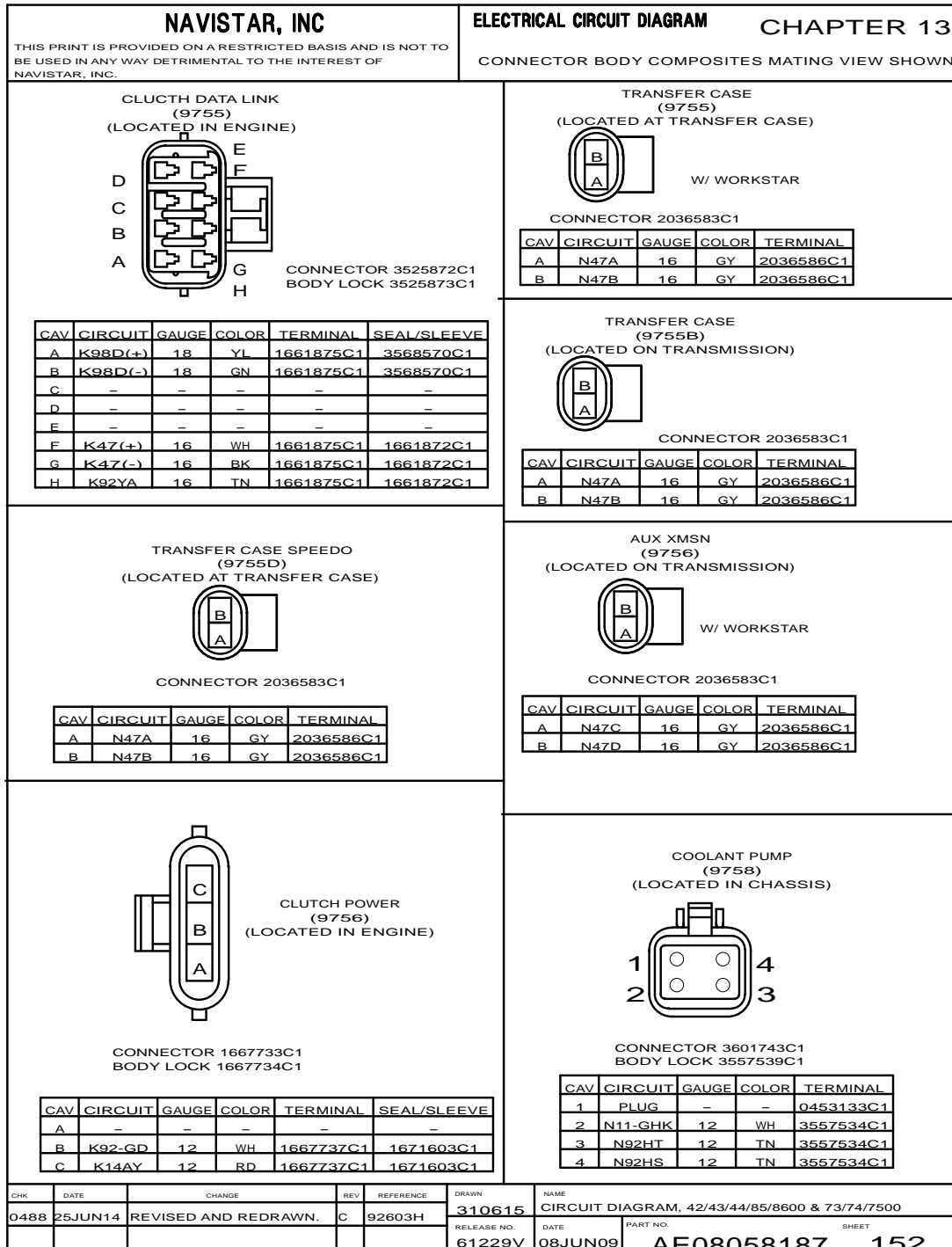


Figure 963 Connector Composites (9755), (9755B), (9755D), (9756), (9758)

13.290. CONNECTOR COMPOSITES (9759), (9760), P. 153

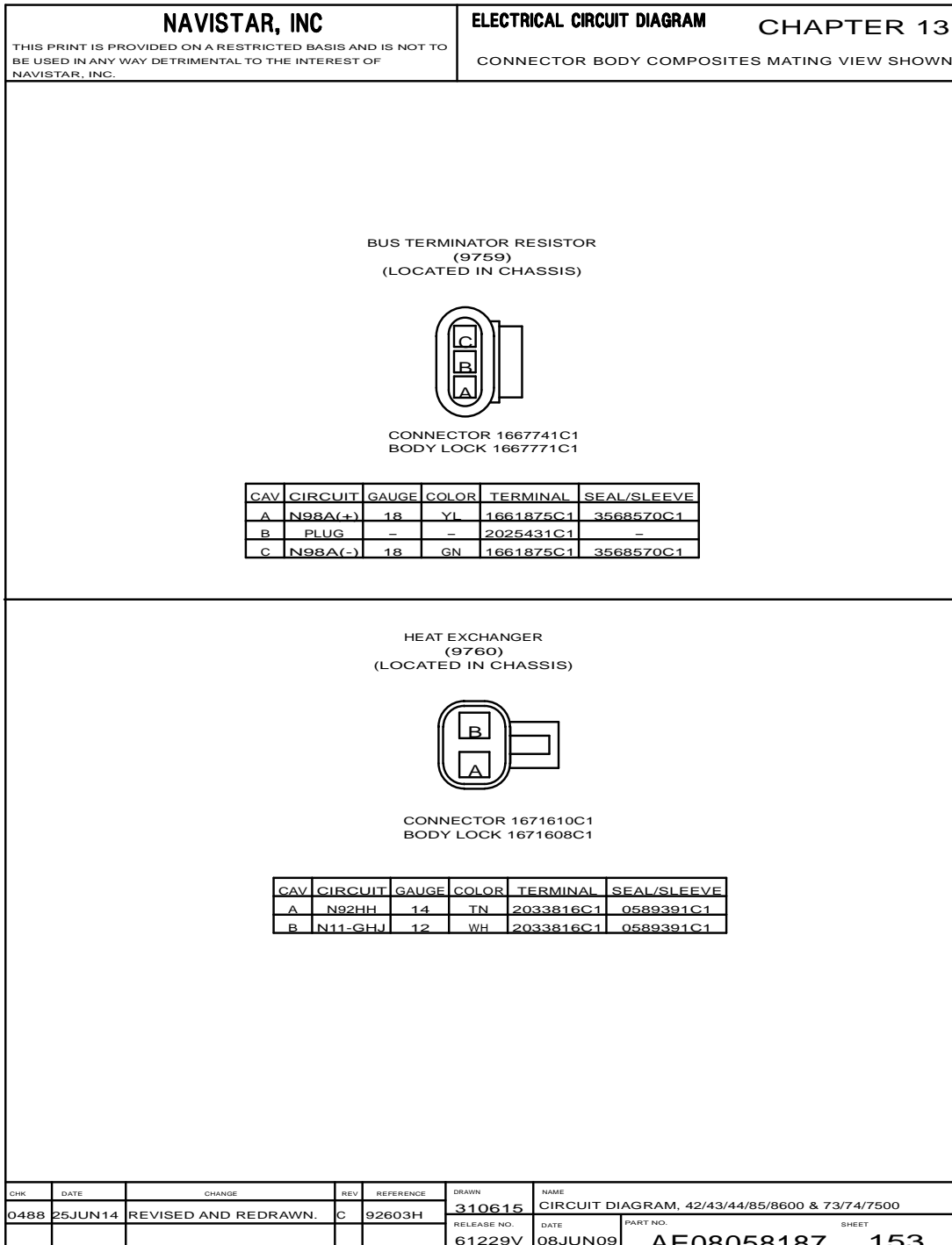


Figure 964 Connector Composites (9759), (9760)

13.291. CONNECTOR COMPOSITES (9761F), (9762), (9763) (9764), (9765), (9766), P. 154

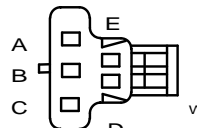
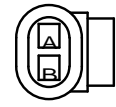
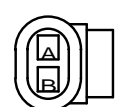
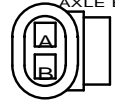
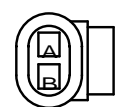

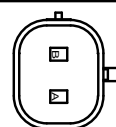
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																															
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																																																	
<p>LIFT AXLE (9761F) (LOCATED AT LIFT AXLE BEHIND CAB)</p>  <p style="text-align: right;">W/ WORKSTAR</p> <p>CONNECTOR 3522252C1 BODY LOCK 3522253C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A*</td><td>N59ED</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>A*</td><td>N59EC</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>A*</td><td>N59EF</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B*</td><td>N59ED</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B*</td><td>N59EF</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>N59ED</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>D</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E</td><td>N71N</td><td>16</td><td>OR</td><td>1667742C1</td><td>1661872C1</td></tr> </tbody> </table> <p>* MUTUALLY EXCLUSIVE</p>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	N59ED	18	GY	1667742C1	1661872C1	A*	N59EC	18	GY	1667742C1	1661872C1	A*	N59EF	18	GY	1667742C1	1661872C1	B*	N59ED	18	GY	1667742C1	1661872C1	B*	N59EF	18	GY	1667742C1	1661872C1	C	N59ED	18	GY	1667742C1	1661872C1	D	-	-	-	-	-	E	N71N	16	OR	1667742C1	1661872C1	<p>FIRST PUSHER LIFT AXL (9762) (LOCATED AT PUSHER AXLE NEAR REAR AXLE)</p>  <p style="text-align: right;">W/ WORKSTAR</p> <p>CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>N59EF</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B*</td><td>N59-GC</td><td>18</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B*</td><td>N59-GA</td><td>18</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> <p>* MUTUALLY EXCLUSIVE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N59EF	18	GY	1661875C1	1661872C1	B*	N59-GC	18	WH	1661875C1	1661872C1	B*	N59-GA	18	WH	1661875C1	1661872C1
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<p>SECOND PUSHER LIFT AXLE SOLENOID (9763) (LOCATED AT SECOND PUSHER AXLE BETWEEN CAB AND REAR)</p>  <p style="text-align: right;">W/ WORKSTAR</p> <p>CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr><td>A</td><td>N59EC</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B*</td><td>N59-GB</td><td>18</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B#</td><td>N59-GA</td><td>18</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> <p>* MUTUALLY EXCLUSIVE # W/2 STEERABLE PUSHERS</p>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	A	N59EC	18	GY	1661875C1	1661872C1	B*	N59-GB	18	WH	1661875C1	1661872C1	B#	N59-GA	18	WH	1661875C1	1661872C1	<p>THIRD PUSHER AXLE (9764) (LOCATED AT SECOND PUSHER AXLE BETWEEN CAB AND REAR)</p>  <p style="text-align: right;">W/ WORKSTAR</p> <p>CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>N59ED</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>N59-GD</td><td>18</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N59ED	18	GY	1661875C1	1661872C1	B	N59-GD	18	WH	1661875C1	1661872C1																																				
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Figure 965 Connector Composites (9761F), (9762), (9763) (9764), (9765), (9766)

13.292. CONNECTOR COMPOSITES (9767), (9775F), (9776F), (9777), (9777A), (9777E), (9777M), (9778), P. 155



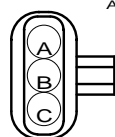
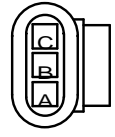

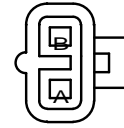

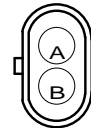
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																			
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<p>TRANSFER CASE JUMPER TO CENTER CHASSIS (9776F) (LOCATED AT TRANSFER CASE)</p>  <p>CONNECTOR 3537133C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R10B</td> <td>8</td> <td>WH</td> <td>3700153C1</td> <td>3537135C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R10B	8	WH	3700153C1	3537135C1	<p>WORK LIGHT (9767) (LOCATED BETWEEN CENTER CHASSIS AND REAR CHASSIS)</p>  <p>CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R65</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>R65-G</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIRC	GA	COLOR	TERMINAL	SEAL/SLV	A	R65	16	OR	1661875C1	1661872C1	B	R65-G	16	WH	1661875C1	1661872C1																																				
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																					
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B	R65-G	16	WH	1661875C1	1661872C1																																																																					
<p>LOAD INDICATOR TO CENTER CHASSIS (9775F) (LOCATED BETWEEN CENTER CHASSIS AND REAR CHASSIS)</p>  <p>CONNECTOR 1667740C1 BODY LOCK 1667771C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A*</td> <td>R9M</td> <td>18</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>A%</td> <td>R9N</td> <td>18</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>B*</td> <td>R6H</td> <td>18</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>B%</td> <td>R6J</td> <td>18</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>C*</td> <td>R61C</td> <td>18</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>C%</td> <td>R61D</td> <td>18</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> </tbody> </table> <p style="font-size: x-small;">% W/ REAR LOAD INDICATOR(6X4) * W/ LOAD INDICATOR (4X2)</p>					CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A*	R9M	18	GY	1667742C1	1661872C1	A%	R9N	18	GY	1667742C1	1661872C1	B*	R6H	18	GY	1667742C1	1661872C1	B%	R6J	18	GY	1667742C1	1661872C1	C*	R61C	18	GY	1667742C1	1661872C1	C%	R61D	18	GY	1667742C1	1661872C1	<p>SAHR (9777) (LOCATED IN FRONT OF REAR AXLE LEFT SIDE)</p>  <p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N90D</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>N94-GE</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>N44D</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table>				CAV	CIRC	GA	COLOR	TERMINAL	SEAL/SLV	A	N90D	16	GY	1661875C1	1661872C1	B	N94-GE	18	WH	1661875C1	1661872C1	C	N44D	18	GY	1661875C1	3568570C1
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																																																					
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B*	R6H	18	GY	1667742C1	1661872C1																																																																					
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C*	R61C	18	GY	1667742C1	1661872C1																																																																					
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C	N44D	18	GY	1661875C1	3568570C1																																																																					
<p>SAAR SOLENOID (9777A) (LOCATED IN FRONT OF REAR AXLE LEFT SIDE)</p>  <p>CONNECTOR 3522068C1 BODY LOCK 1661874C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N44C</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>B</td> <td>N90D-G</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>					CAV	CIRC	GA	COLOR	TERMINAL	SEAL/SLV	A	N44C	18	GY	1661875C1	3568570C1	B	N90D-G	16	WH	1661875C1	1661872C1	<p>FUEL HEATER (9777E) (LOCATED ON RIGHT SIDE OF FUEL TANK)</p>  <p>W/ DURASTAR</p> <p>CONNECTOR 1673790C1 BODY LOCK 1673791C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M39B</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M39-GB</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M39B	16	GY	2033819C1	1652325C1	B	M39-GB	16	WH	2033819C1	1652325C1																														
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B	M39-GB	16	WH	2033819C1	1652325C1																																																																					
<p>SAAR (9777M) (LOCATED IN FRONT OF REAR AXLE LEFT SIDE)</p>  <p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N44N</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>N44-GB</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>N44M</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>					CAV	CIRC	GA	COLOR	TERMINAL	SEAL/SLV	A	N44N	18	GY	1661875C1	1661872C1	B	N44-GB	18	WH	1661875C1	1661872C1	C	N44M	18	GY	1661875C1	1661872C1	<p>REMOTE START / STOP (9778) (LOCATED BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)</p>  <p>CONNECTOR 0587567C91</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N59CA</td> <td>16</td> <td>GY</td> <td>0587575C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N104CA</td> <td>16</td> <td>DKBL</td> <td>0587575C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRC	GA	COLOR	TERMINAL	SEAL/SLV	A	N59CA	16	GY	0587575C1	1652325C1	B	N104CA	16	DKBL	0587575C1	1652325C1																								
CAV	CIRC	GA	COLOR	TERMINAL	SEAL/SLV																																																																					
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																				
0488	24JUN14	REVISED AND REDRAWN.	B	92603H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																				
					RELEASE NO.	DATE	PART NO.	SHEET																																																																		
					92218B	31 JUL 13	AE08058187	155																																																																		

Figure 966 Connector Composites (9767), (9775F), (9776F), (9777), (9777A), (9777E), (9777M), (9778)

13.293. CONNECTOR COMPOSITES (9778F), (9778F1), (9779F), P. 156




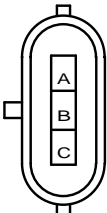
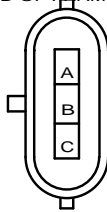
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THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN							
<p>GREEN ABS TRAILER SOCKET GND (9778F) (LOCATED AT BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)</p>  <p>* MUTUALLY EXCLUSIVE</p>				<p>TRAILER SOCKET GND (9778F) (LOCATED AT BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)</p> 							
CONNECTOR 3537133C1				CONNECTOR 3517817C1							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A*	N10B	8	WH	3700153C1	3537135C1	A	R10A	8	WH	3517818C1	N/A
A*	N10E	8	WH	3700153C1	3537135C1						
A*	N10F	8	WH	3700153C1	3537135C1						
A*	N10G	8	WH	3700153C1	3537135C1						
<p>TRAILER SOCKET GND (9778F1) (LOCATED AT BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)</p> 				CONNECTOR 3537133C1							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE						
A	R10A	8	WH	3700153C1	3537135C1						
<p>TRAILER SOCKET #2 (9779F) (LOCATED AT BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)</p> 				CONNECTOR 1667732C1 BODY LOCK 1667734C1							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE						
A	R58A	10	BK	2025425C1	1667735C1						
B	R56A	10	YL	2025425C1	1667735C1						
C	R57A	10	LTGN	2025425C1	1667735C1						
<p>GREEN ABS TRAILER SOCKET 2 (9779F) (LOCATED AT END OF FRAME NEAR REAR AXLES)</p> 				CONNECTOR 1667732C1 BODY LOCK 1667734C1							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE						
A#	N54B	10	BN	2025425C1	1667735C1						
A@	N54E	10	BN	2025425C1	1667735C1						
A*	N54T	10	BN	2025425C1	1667735C1						
A##	N54D	10	BN	2025425C1	1667735C1						
B#	N56B	10	YL	2025425C1	1667735C1						
B@	N56E	10	YL	2025425C1	1667735C1						
B*	N56T	10	YL	2025425C1	1667735C1						
B##	N56D	10	YL	2025425C1	1667735C1						
C#	N57B	10	LTGN	2025425C1	1667735C1						
C@	N57E	10	LTGN	2025425C1	1667735C1						
C*	N57T	10	LTGN	2025425C1	1667735C1						
C##	N57D	10	LTGN	2025425C1	1667735C1						
* W/ TRAILER SOCKET - BOC # W/ TRAILER & AUX SOCKET - BOC ## W/ TRAILER & AUX ISO SOCKET - BOC @ W/ TRAILER SOCKET - BOC & BODY BUILDER EOF											
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME					
0488	25JUN14	REVISED AND REDRAWN.	B	92603H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500					
					RELEASE NO.	DATE	PART NO.	SHEET			
					92218B	31JUL13	AE08058187	156			

Figure 967 Connector Composites (9778F), (9778F1), (9779F)

13.294. CONNECTOR COMPOSITES (9779F1), (9780M), (9780M1), P. 157

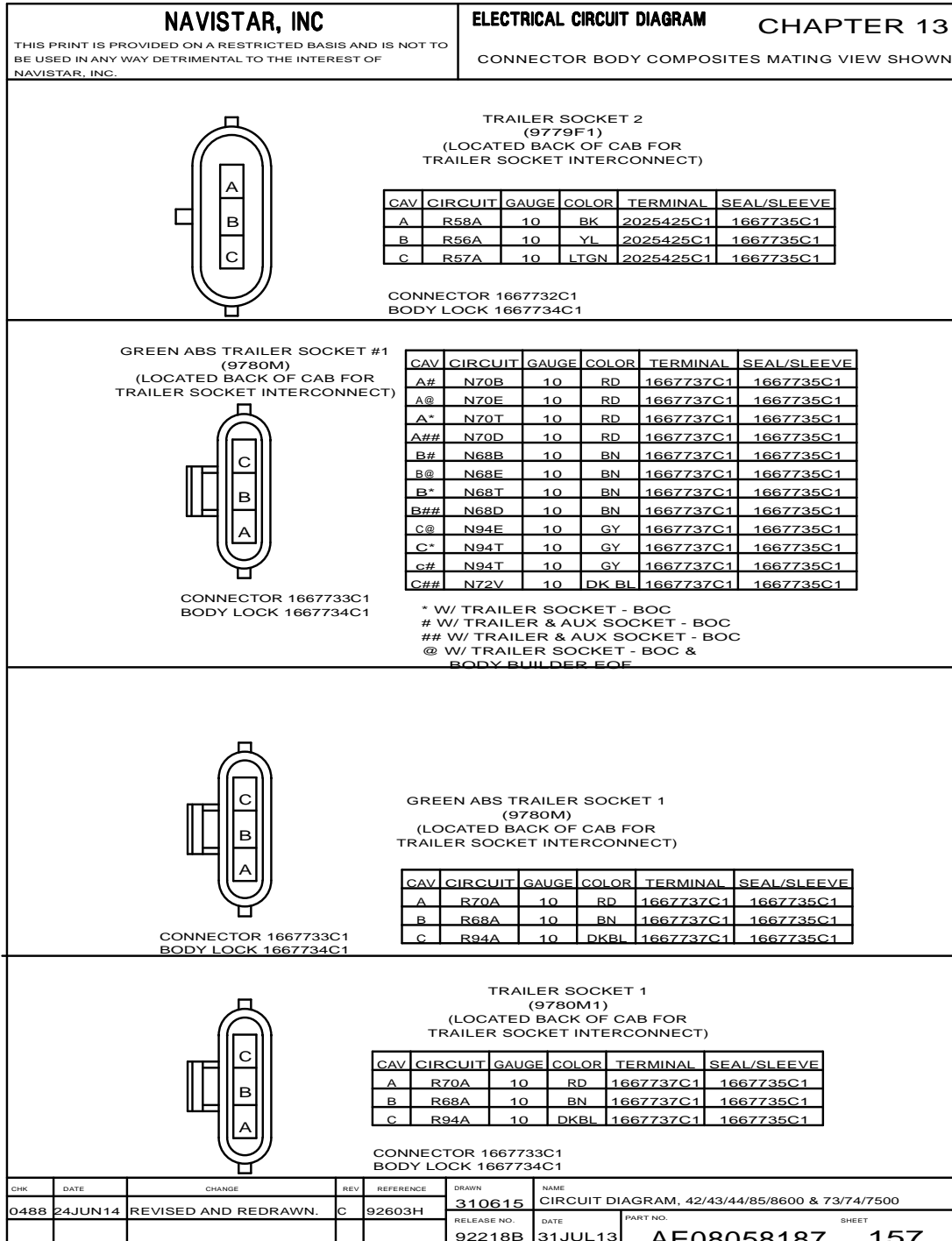


Figure 968 Connector Composites (9779F1), (9780M), (9780M1)

13.295. CONNECTOR COMPOSITES (9781M), (9782F), (9782M), P. 158

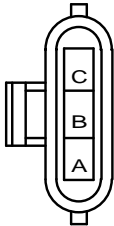
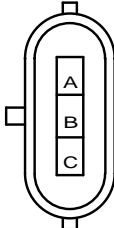
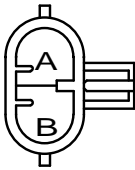
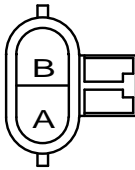
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<p>BLACK AUX TRAILER SOCKET #1 (9781M) (LOCATED BACK OF CAB FOR AUX TRAILER SOCKET INTERCONNECT)</p>																																			
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N70C</td> <td>10</td> <td>RD</td> <td>1667737C1</td> <td>1667735C1</td> </tr> <tr> <td>B</td> <td>N68C</td> <td>10</td> <td>BN</td> <td>1667737C1</td> <td>1667735C1</td> </tr> <tr> <td>C</td> <td>N72</td> <td>12</td> <td>OR</td> <td>1667737C1</td> <td>1671603C1</td> </tr> </tbody> </table>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N70C	10	RD	1667737C1	1667735C1	B	N68C	10	BN	1667737C1	1667735C1	C	N72	12	OR	1667737C1	1671603C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																														
A	N70C	10	RD	1667737C1	1667735C1																														
B	N68C	10	BN	1667737C1	1667735C1																														
C	N72	12	OR	1667737C1	1671603C1																														
<p>CONNECTOR 1667733C1 BODY LOCK 1667734C1</p>																																			
																																			
<p>BLACK AUX TRAILER SOCKET #2 (9782F) (LOCATED BACK OF CAB FOR AUX TRAILER SOCKET INTERCONNECT)</p>																																			
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																														
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C	N57C	10	LTGN	2025425C1	1667735C1																														
<p>CONNECTOR 1667732C1 BODY LOCK 1667734C1</p>																																			
																																			
<p>ISO TRAILER SOCKET (9782F) (LOCATED BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)</p>																																			
<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/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R94T</td> <td>10</td> <td>DKBL</td> <td>2025423C1</td> <td>2025427C1</td> </tr> <tr> <td>B</td> <td>R94TA</td> <td>12</td> <td>YL</td> <td>2025422C1</td> <td>2025422C1</td> </tr> </tbody> </table>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94T	10	DKBL	2025423C1	2025427C1	B	R94TA	12	YL	2025422C1	2025422C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																														
A	R94T	10	DKBL	2025423C1	2025427C1																														
B	R94TA	12	YL	2025422C1	2025422C1																														
<p>CONNECTOR 2031520C1 BODY LOCK 2033927C1</p>																																			
																																			
<p>ISO TRAILER SOCKET (9782M) (LOCATED BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)</p>																																			
<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/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R94T</td> <td>10</td> <td>DKBL</td> <td>2031531C1</td> <td>2025427C1</td> </tr> <tr> <td>B</td> <td>R94TA</td> <td>12</td> <td>YL</td> <td>2031531C1</td> <td>2025428C1</td> </tr> </tbody> </table>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94T	10	DKBL	2031531C1	2025427C1	B	R94TA	12	YL	2031531C1	2025428C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																														
A	R94T	10	DKBL	2031531C1	2025427C1																														
B	R94TA	12	YL	2031531C1	2025428C1																														
<p>CONNECTOR 2031522C1 BODY LOCK 2033927C1</p>																																			
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																													
0488	25JUN14	REVISED AND REDRAWN.	C	92603H	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																													
					RELEASE NO.	DATE	PART NO.	SHEET																											
					92218B	31JUL13	AE08058187	158																											

Figure 969 Connector Composites (9781M), (9782F), (9782M)

13.296. CONNECTOR COMPOSITES (9783), (9783F), (9783M), (9784M), P. 159

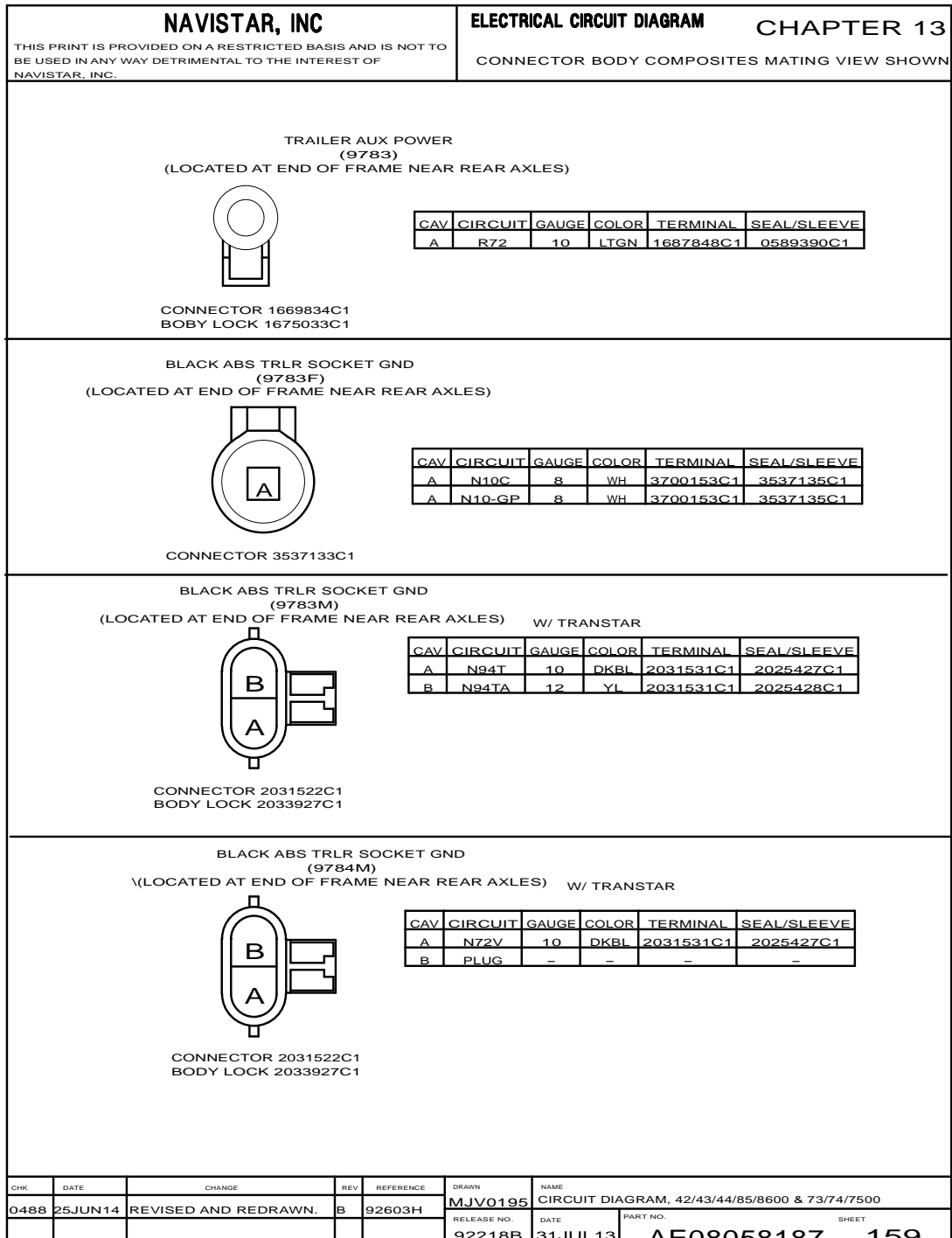


Figure 970 Connector Composites (9783), (9783F), (9783M), (9784M)

13.297. CONNECTOR COMPOSITES (9800), P. 160

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

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	R71	14	OR	3559037C1	3575783C1
2	R56	14	OR	3559037C1	3575783C1
3	R57	14	OR	3559037C1	3575783C1
4	R68	14	BN	3559037C1	3575783C1
5*	R32A	18	TN	3559036C1	3509903C1
5*	R36	18	TN	3559036C1	3509903C1
5*	R68	18	BN	3559036C1	3509903C1
6*	R70	14	OR	3559037C1	3575783C1
6*	R32	18	TN	3559036C1	3509903C1
6*	R70	18	OR	3559036C1	3509903C1
7*	R49	18	GY	3559036C1	3509903C1
7*	R49	18	WH	3559036C1	3509903C1
8*	R49A	18	GY	3559036C1	3509903C1
8*	R49A	18	WH	3559036C1	3509903C1
9*	R49-GA	18	WH	3559036C1	3509903C1
9*	R10-GB	18	WH	3559036C1	3509903C1
10	R9D	18	GY	3559036C1	3509903C1
11*	R9C	18	GY	3559036C1	3509903C1
11*	R9B	18	GY	3559036C1	3509903C1
12*	R11-GTL	12	WH	3559037C1	3575783C1
12*	R10-G	12	WH	3559037C1	3575783C1
13*	R94R	16	GY	3559037C1	3509903C1
13*	R94A	16	GY	3559037C1	3509903C1
13*	R94M	16	GY	3559037C1	3509903C1
13*	R94BR	16	GY	3559037C1	3509903C1
13*	[R94M]	18	BK	3559036C1	3509903C1
13*	[R94WLI]	18	BK	3559036C1	3509903C1
13*	[R94J]	18	BK	3559036C1	3509903C1
14*	R94S	16	OR	3559037C1	3509903C1
14*	R94B	16	OR	3559037C1	3509903C1
14*	R94N	16	OR	3559037C1	3509903C1
14*	R94BQ	16	OR	3559037C1	3509903C1
14*	[R94N]	18	BN	3559036C1	3509903C1
14*	[R94WM]	18	BN	3559036C1	3509903C1
14*	[R94KI]	18	BN	3559036C1	3509903C1
15*	R94W	16	DKBL	3559037C1	3509903C1
15*	R94C	16	DKBL	3559037C1	3509903C1
15*	R94PP	16	DKBL	3559037C1	3509903C1
15*	R94BW	16	DKBL	3559037C1	3509903C1
15*	[R94P]	18	BK	3559036C1	3509903C1
15*	[R94WS]	18	BK	3559036C1	3509903C1
15*	[R94T]	18	BK	3559036C1	3509903C1
16*	R94X	16	YL	3559037C1	3509903C1
16*	R94D	16	YL	3559037C1	3509903C1
16*	R94RR	16	YL	3559037C1	3509903C1
16*	R94BV	16	YL	3559037C1	3509903C1
16*	[R94R]	18	BN	3559036C1	3509903C1
16*	[R94WT]	18	BN	3559036C1	3509903C1
16*	[R94U]	18	BN	3559036C1	3509903C1
17*	R94LA	16	GY	3559037C1	3509903C1
17*	R94M	16	BK	3559037C1	3509903C1
17*	R94E	16	BK	3559037C1	3509903C1
17*	R94SS	16	BK	3559037C1	3509903C1
17*	R94BZ	16	BK	3559037C1	3509903C1
17*	[R94WNI]	18	BL	3559036C1	3509903C1
17*	[R94L]	18	BL	3559036C1	3509903C1

CONNECTION TO CENTER HARNESS (9800) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)

CONNECTOR 3558022C1
BODY LOCK 3558056C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
18*	R94LB	16	GY	3559037C1	3509903C1
18*	R94N	16	RD	3559037C1	3509903C1
18*	R94F	16	RD	3559037C1	3509903C1
18*	R94TT	16	RD	3559037C1	3509903C1
18*	R94BY	16	RD	3559037C1	3509903C1
18*	[R94G7]	18	GN	3559036C1	3509903C1
18*	[R94G8]	18	GN	3559036C1	3509903C1
19*	R94LC	16	GY	3559037C1	3509903C1
19*	R94P	16	BN	3559037C1	3509903C1
19*	R94H	16	BN	3559037C1	3509903C1
19*	R94UU	16	BN	3559037C1	3509903C1
19*	R94BP	16	BN	3559037C1	3509903C1
19*	[R94WR]	18	BN	3559036C1	3509903C1
19*	[R94MI]	18	BN	3559036C1	3509903C1
20*	R94RJ	16	GY	3559037C1	3509903C1
20*	R94T	16	PL	3559037C1	3509903C1
20*	R94J	16	PL	3559037C1	3509903C1
20*	R94VV	16	PL	3559037C1	3509903C1
20*	R94BS	16	PL	3559037C1	3509903C1
20*	[R94WUI]	18	BL	3559036C1	3509903C1
20*	[R94PI]	18	BL	3559036C1	3509903C1
21*	R94RK	16	GY	3559037C1	3509903C1
21*	R94U	16	LTGN	3559037C1	3509903C1
21*	R94K	16	LTGN	3559037C1	3509903C1
21*	R94W	16	LTGN	3559037C1	3509903C1
21*	R94BT	16	LTGN	3559037C1	3509903C1
21*	[R94G6]	18	GN	3559036C1	3509903C1
21*	[R94G9]	18	GN	3559036C1	3509903C1
22*	R94RL	16	GY	3559037C1	3509903C1
22*	R94V	16	LTBL	3559037C1	3509903C1
22*	R94L	16	LTBL	3559037C1	3509903C1
22*	R94X	16	LTBL	3559037C1	3509903C1
22*	R94BU	16	LTBL	3559037C1	3509903C1
22*	[R94WW]	18	BN	3559036C1	3509903C1
22*	[R94S]	18	BN	3559036C1	3509903C1
23*	R94BD	16	BN	3559037C1	3509903C1
23*	[R94WX]	18	BN	3559036C1	3509903C1
24*	R94BE	16	YL	3559037C1	3509903C1
24*	[R94WZ]	18	BL	3559036C1	3509903C1

* MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0488	25JUN14	REVISED AND REDRAWN.	B	92603H	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					92218B	31JUL13
						PART NO.
						AE08058187
						SHEET
						160

Figure 971 Connector Composites (9800)

13.298. CONNECTOR COMPOSITES (9800), (9801), (9809), (9810), (9811), (9812), P. 161

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.								CONNECTOR BODY COMPOSITES MATING VIEW SHOWN							
<p style="font-size: 24px; margin: 0;">INTENTIONALLY LEFT BLANK</p>															
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME									
0488	24MAR15	REMOVED GEOMETRY.	D	92927M	MJVO195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500									
					RELEASE NO.	DATE	PART NO.	SHEET							
					92218B	31JUL13	AE08058187	161							

Figure 972 Connector Composites (9800), (9801), (9809), (9810), (9811), (9812)

13.299. CONNECTOR COMPOSITES (9814), (9814A), (9815), (9815A), (9820F), (9820M), (9824), P. 162

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN							
<p style="font-size: 24px; margin: 0;">INTENTIONALLY LEFT BLANK</p>											
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME					
0488	24MAR15	REMOVED GEOMETRY.	C	92927M	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500					
					RELEASE NO.	DATE	PART NO.	SHEET			
					92218B	31JUL13	AE08058187	162			

Figure 973 Connector Composites (9814), (9814A), (9815), (9815A), (9820F), (9820M), (9824)

13.300. CONNECTOR COMPOSITES (9830), (9832), (9865M), (9865MA), (9900) P. 163

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN							
<p style="font-size: 24px; margin: 0;">INTENTIONALLY LEFT BLANK</p>											
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME					
0488	24MAR15	REMOVED GEOMETRY.	C	92927M	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500					
					RELEASE NO.	DATE	PART NO.	SHEET			
					92218B	31JUL13	AE08058187	163			

Figure 974 Connector Composites (9830), (9832), (9865M), (9865MA), (9900)

13.301. CONNECTOR COMPOSITES (9900A), (9900AA), (9900AC), (9900AD), (9900AE), (9900AF), (9900AG), P. 164

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN			
<p style="font-size: 24px; margin: 0;">INTENTIONALLY LEFT BLANK</p>							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
0488	24MAR15	REMOVED GEOMETRY.	B	92927M	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
					RELEASE NO.	DATE	PART NO. SHEET
					92218B	31JUL13	AE08058187 164

Figure 975 Connector Composites (9900A), (9900AA), (9900AC), (9900AD), (9900AE), (9900AF), (9900AG)

13.302. CONNECTOR COMPOSITES (9900C), (9900C1), (9900D), (9900E), P. 165

<p>NAVISTAR, INC</p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>				<p>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13</p> <p>CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p>			
<p>INTENTIONALLY LEFT BLANK</p>							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
0488	24MAR15	REMOVED GEOMETRY.	B	92927M	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
					RELEASE NO.	DATE	PART NO. SHEET
					92218B	31JUL13	AE08058187 165

Figure 976 Connector Composites (9900C), (9900C1), (9900D), (9900E)

13.303. CONNECTOR COMPOSITES (9900G), (9911), (9913A), (9913B), P. 166

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN							
<p style="font-size: 24px; margin: 0;">INTENTIONALLY LEFT BLANK</p>											
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME					
0488	24MAR15	REMOVED GEOMETRY.	B	92927M	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500					
					RELEASE NO.	DATE	PART NO.	SHEET			
					92218B	31JUL13	AE08058187	166			

Figure 977 Connector Composites (9900G), (9911), (9913A), (9913B)

13.304. CONNECTOR COMPOSITES (9915), (9916), (9920), (9921), P. 167

NAVISTAR, INC <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13 CONNECTOR BODY COMPOSITES MATING VIEW SHOWN	
<p>INTENTIONALLY LEFT BLANK</p>									
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME			
0488	24MAR15	REMOVED GEOMETRY.	B	92927M	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500			
					RELEASE NO.	DATE	PART NO.	SHEET	
					92218B	31JUL13	AE08058187	167	

Figure 978 Connector Composites (9915), (9916), (9920), (9921)

13.305. CONNECTOR COMPOSITES (9930), (9965M), (9989), P. 168

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN			
<p style="font-size: 24px; margin: 0;">INTENTIONALLY LEFT BLANK</p>							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
0488	24MAR15	REMOVED GEOMETRY.	B	92927M	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
					RELEASE NO.	DATE	PART NO.
					92218B	31JUL13	AE08058187
						SHEET	168

Figure 979 Connector Composites (9930), (9965M), (9989)

CONNECTOR COMPOSITES (CHAPTER 14)

14.1. CONNECTOR COMPOSITES (9200A), (9200B), (9570K), (9715), (9625), (9714F), (9715), P. 1

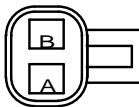
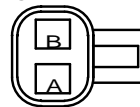
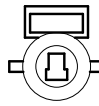
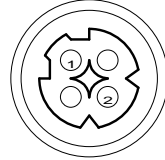

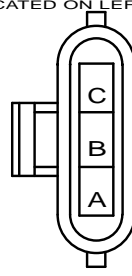
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 14																																																									
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																													
<p>LEFT SIDE HTD DRAIN VALVE (9200A) (LOCATED ON LEFT REAR FRAME RAIL)</p>  <p>CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLV</th></tr> </thead> <tbody> <tr> <td>A</td><td>N39A</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>N39-GF</td><td>18</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	N39A	18	GY	2033819C1	1652325C1	B	N39-GF	18	WH	2033819C1	1652325C1	<p>LEFT SIDE HTD DRAIN VALVE (9200B) (LOCATED ON LEFT REAR FRAME RAIL)</p>  <p>CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLV</th></tr> </thead> <tbody> <tr> <td>A</td><td>N39A</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>N39-GF</td><td>18</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	N39A	18	GY	2033819C1	1652325C1	B	N39-GF	18	WH	2033819C1	1652325C1																		
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																																												
A	N39A	18	GY	2033819C1	1652325C1																																																												
B	N39-GF	18	WH	2033819C1	1652325C1																																																												
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																																												
A	N39A	18	GY	2033819C1	1652325C1																																																												
B	N39-GF	18	WH	2033819C1	1652325C1																																																												
<p>HYD ABS MODULE POWER FEED CONN (9570K) (LOCATED IN CHASSIS)</p>  <p>CONNECTOR 1664531C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLV</th></tr> </thead> <tbody> <tr> <td>A</td><td>MK90A</td><td>10</td><td>GY</td><td>1687847C1</td><td>0589390C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	MK90A	10	GY	1687847C1	0589390C1	<p>HILL START AID COVER (9625) (LOCATED IN CHASSIS)</p>  <p>CONNECTOR 3678796C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr> <td>1</td><td>N94AA</td><td>16</td><td>GY</td><td>3679224C1</td><td>3601687C1</td></tr> <tr> <td>2</td><td>N94AB</td><td>16</td><td>GY</td><td>3679224C1</td><td>3601687C1</td></tr> </tbody> </table> <p>W/ TRANSTAR</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	N94AA	16	GY	3679224C1	3601687C1	2	N94AB	16	GY	3679224C1	3601687C1																								
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2	N94AB	16	GY	3679224C1	3601687C1																																																												
<p>ISO TRAILER SOCKET GND (9714F) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)</p>  <p>CONNECTOR 3537133C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr> <td>A</td><td>R10B</td><td>8</td><td>WH</td><td>3700153C1</td><td>3537135C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R10B	8	WH	3700153C1	3537135C1	<p>TRAILER SOCKET #1 (9715) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)</p>  <p>CONNECTOR 1667733C1 BODY LOCK 1667734C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr> <td>A*</td><td>N70F</td><td>10</td><td>RD</td><td>1667737C1</td><td>1667735C1</td></tr> <tr> <td>A#</td><td>N70T</td><td>10</td><td>RD</td><td>1667737C1</td><td>1667735C1</td></tr> <tr> <td>B*</td><td>N68F</td><td>10</td><td>BN</td><td>1667737C1</td><td>1667735C1</td></tr> <tr> <td>B#</td><td>N68T</td><td>10</td><td>BN</td><td>1667737C1</td><td>1667735C1</td></tr> <tr> <td>C*</td><td>N94F</td><td>10</td><td>GY</td><td>1667737C1</td><td>1667735C1</td></tr> <tr> <td>C#</td><td>N94T</td><td>10</td><td>GY</td><td>1667737C1</td><td>1667735C1</td></tr> </tbody> </table> <p>* W/ TRAILER SOCKET # W/ BODY BUILDER</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	N70F	10	RD	1667737C1	1667735C1	A#	N70T	10	RD	1667737C1	1667735C1	B*	N68F	10	BN	1667737C1	1667735C1	B#	N68T	10	BN	1667737C1	1667735C1	C*	N94F	10	GY	1667737C1	1667735C1	C#	N94T	10	GY	1667737C1	1667735C1
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0488	24MAR15	ADDED R/D 9200A AND	B	92927M	23123982	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																											
9200B.					RELEASE NO.	DATE	PART NO.	SHEET																																																									
					92674A	18OCT14	AE08079252	001																																																									

Figure 980 Connector Composites (9200A), (9200B), (9570K), (9715), (9625), (9714F), (9715)

14.2. CONNECTOR COMPOSITES (9715F), (9715F1), (9716), P. 2

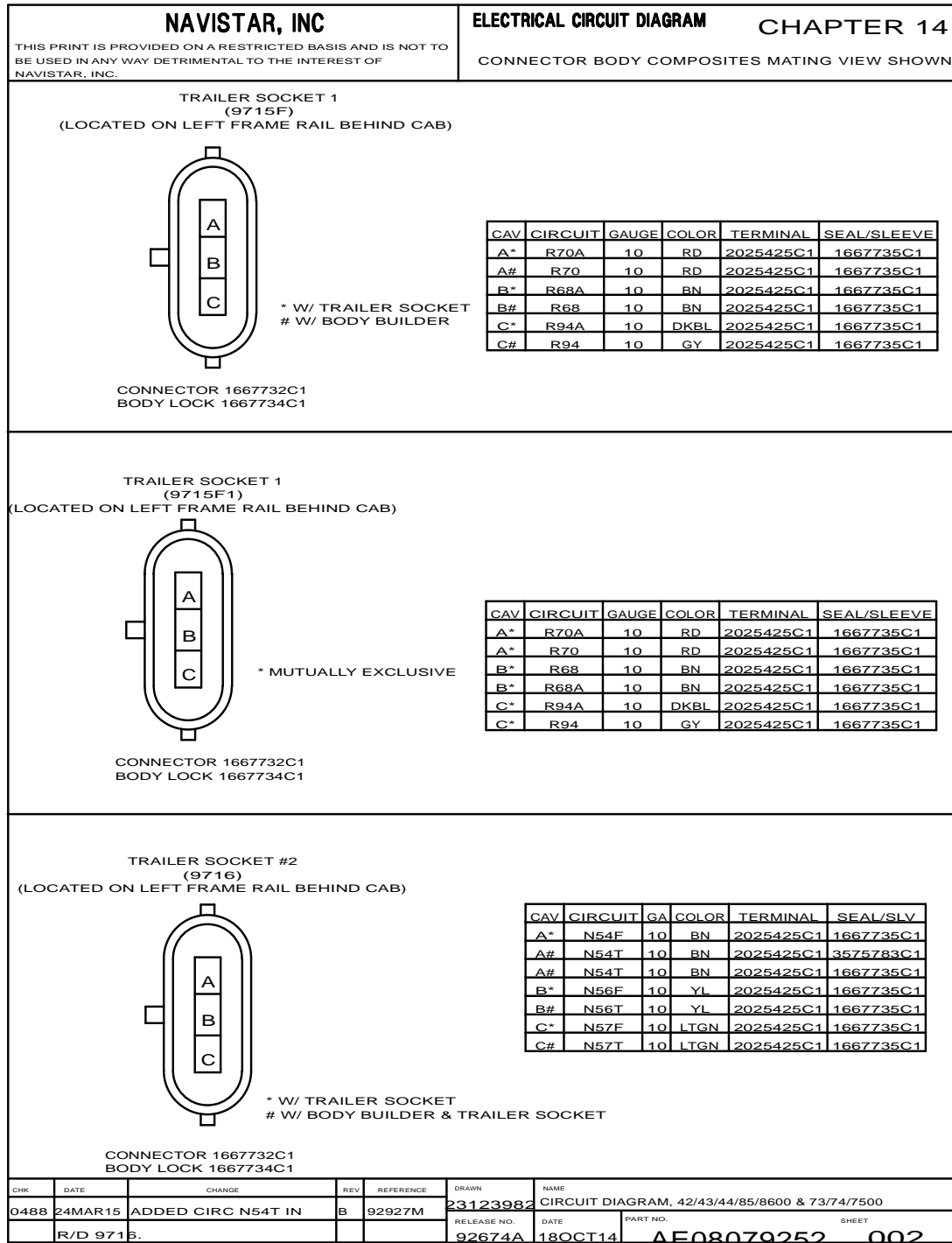


Figure 981 Connector Composites (9715F), (9715F1), (9716)

14.3. CONNECTOR COMPOSITES (9716M), (9716M1), (9717), P. 3

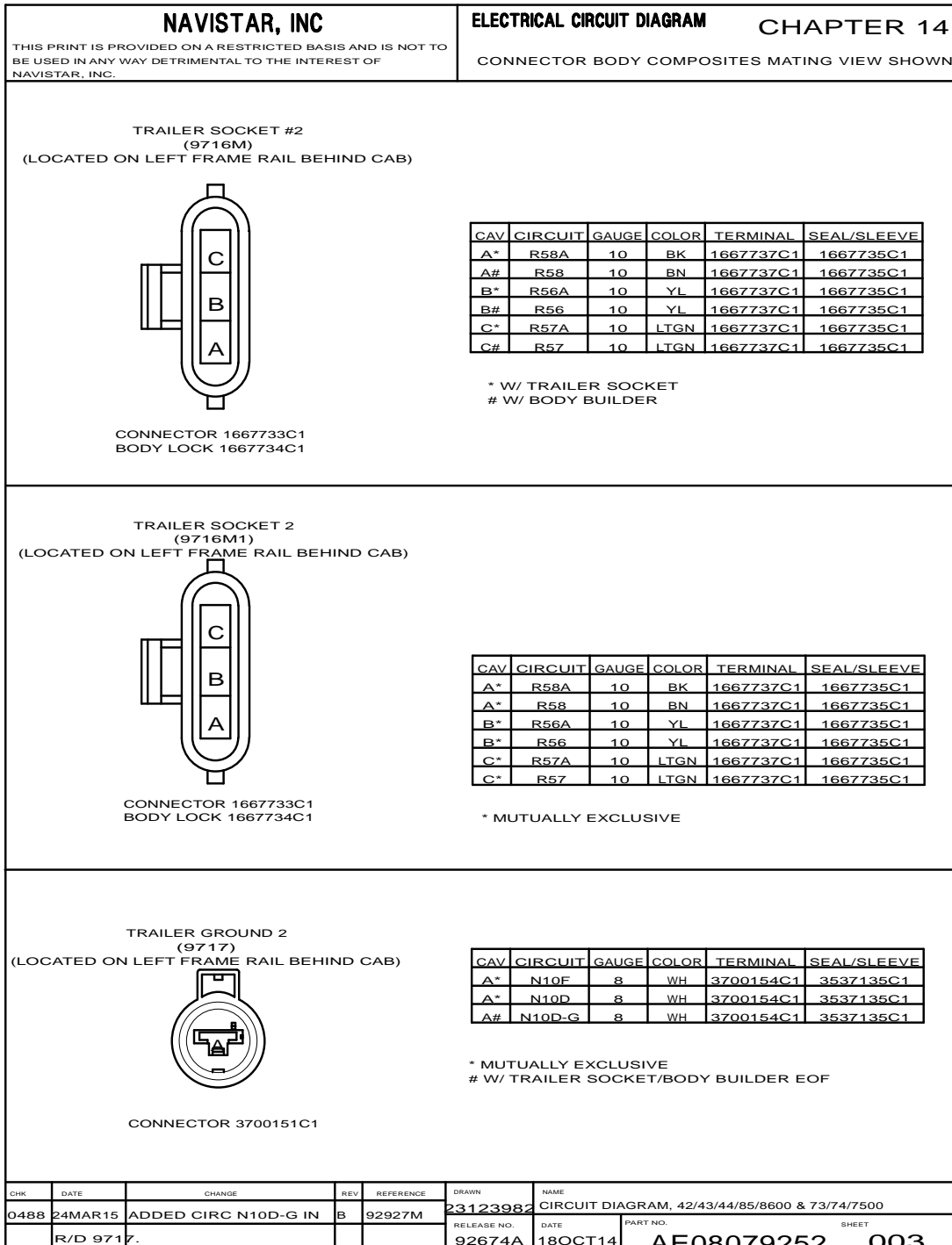


Figure 982 Connector Composites (9716M), (9716M1), (9717)

14.4. CONNECTOR COMPOSITES (9717D), (9717F), (9717F1), (9718A), P. 4

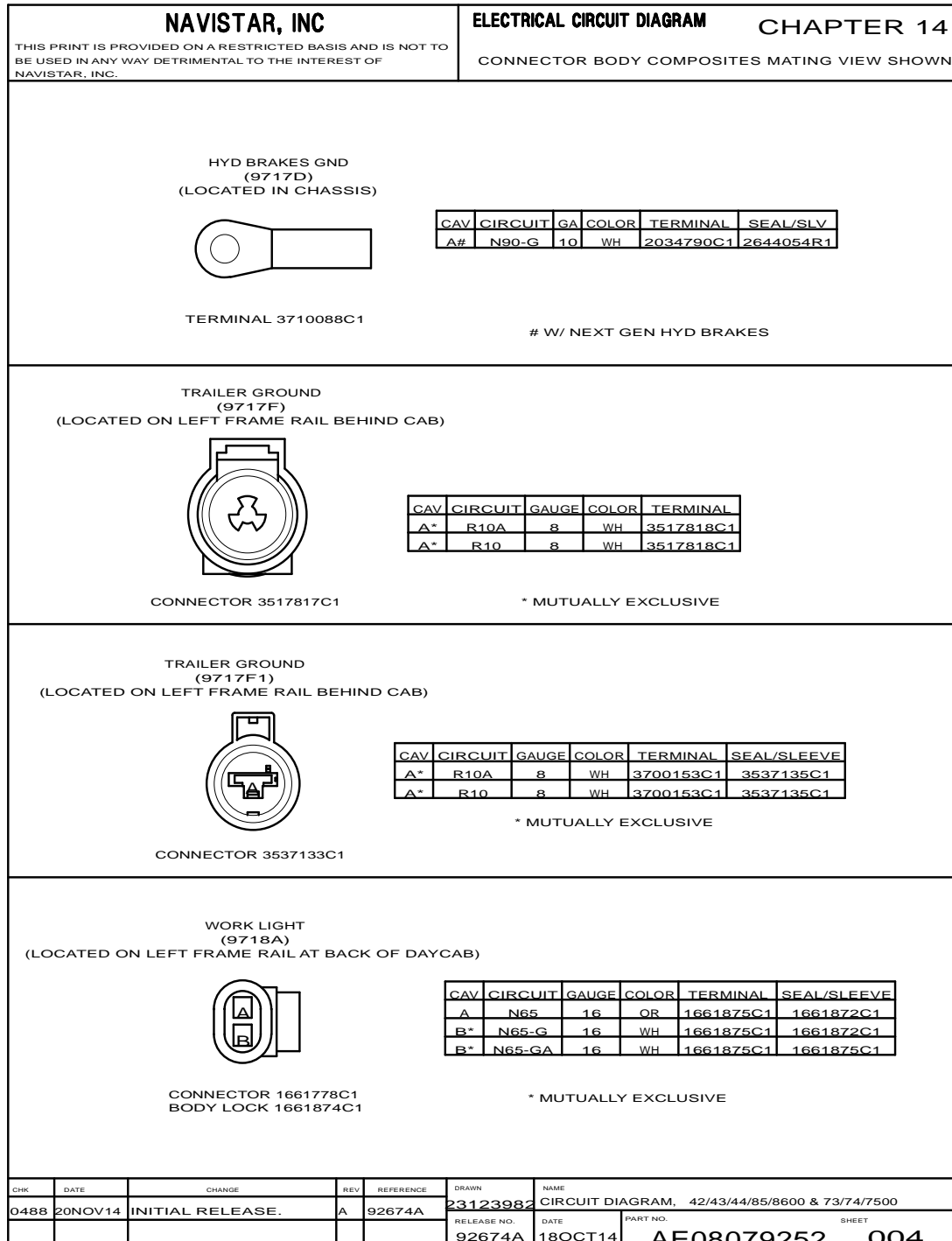


Figure 983 Connector Composites (9717D), (9717F), (9717F1), (9718A)

14.5. CONNECTOR COMPOSITES (9719M), (9720), (9722), (9726), P. 5

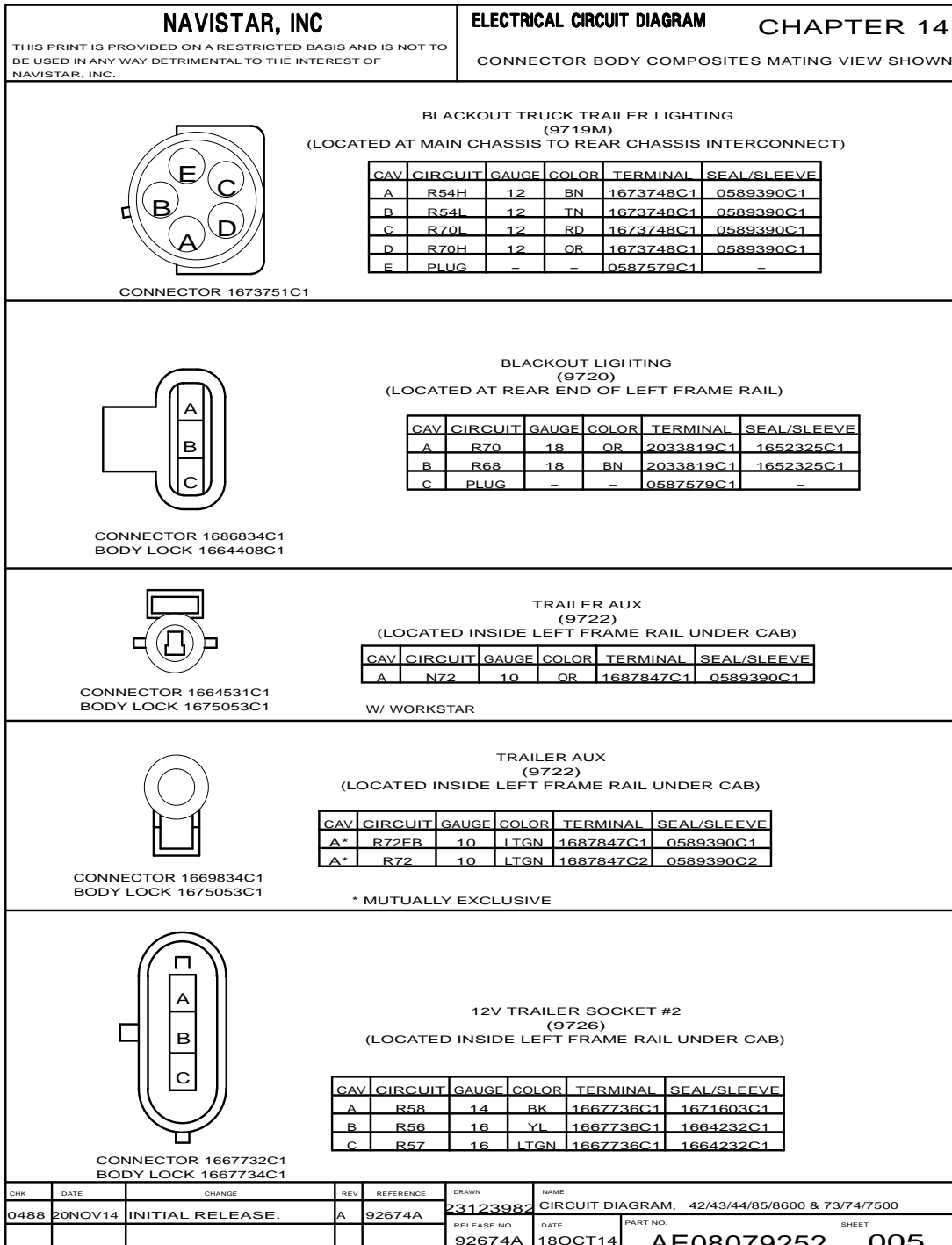


Figure 984 Connector Composites (9719M), (9720), (9722), (9726)

14.6. CONNECTOR COMPOSITES (9727), (9728), (9729), (9736), P. 6

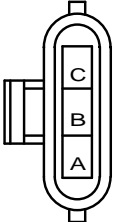

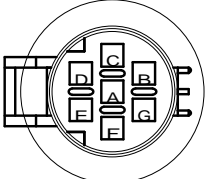
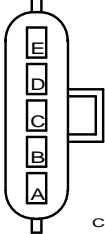
NAVISTAR, INC		ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 14																																																	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.		CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																			
		<p>12V TRAILER SOCKET #1 (9727) (LOCATED AT REAR END OF LEFT FRAME RAIL)</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R71</td> <td>16</td> <td>OR</td> <td>1667738C1</td> <td>1664232C1</td> </tr> <tr> <td>B</td> <td>R68</td> <td>14</td> <td>BN</td> <td>1667738C1</td> <td>1671603C1</td> </tr> <tr> <td>C</td> <td>R12</td> <td>14</td> <td>LT BL</td> <td>1667738C1</td> <td>1671603C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R71	16	OR	1667738C1	1664232C1	B	R68	14	BN	1667738C1	1671603C1	C	R12	14	LT BL	1667738C1	1671603C1																								
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<p>CONNECTOR 1667733C1 BODY LOCK 1667734C1</p>																																																					
		<p>12V TRAILER SOCKET GROUND (9728) (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R11-G</td> <td>8</td> <td>WH</td> <td>3517818C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	R11-G	8	WH	3517818C1																																						
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<p>CONNECTOR 3517817C1</p>																																																					
		<p>12V TRAILER INTERCONNECT (9729) (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R68</td> <td>14</td> <td>BN</td> <td>2033912C1</td> <td>0589391C1</td> </tr> <tr> <td>B</td> <td>R56</td> <td>16</td> <td>YL</td> <td>2033911C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R57</td> <td>16</td> <td>LT GN</td> <td>2033911C1</td> <td>1652325C1</td> </tr> <tr> <td>D</td> <td>R58</td> <td>14</td> <td>BK</td> <td>2033912C1</td> <td>0589391C1</td> </tr> <tr> <td>E</td> <td>R71</td> <td>16</td> <td>OR</td> <td>2033911C1</td> <td>1652325C1</td> </tr> <tr> <td>F</td> <td>R12</td> <td>14</td> <td>LT BL</td> <td>2033912C1</td> <td>0589391C1</td> </tr> <tr> <td>G</td> <td>R11-GA</td> <td>10</td> <td>WH</td> <td>1687848C1</td> <td>0589390C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R68	14	BN	2033912C1	0589391C1	B	R56	16	YL	2033911C1	1652325C1	C	R57	16	LT GN	2033911C1	1652325C1	D	R58	14	BK	2033912C1	0589391C1	E	R71	16	OR	2033911C1	1652325C1	F	R12	14	LT BL	2033912C1	0589391C1	G	R11-GA	10	WH	1687848C1	0589390C1
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<p>CONNECTOR 2039312C91 BODY LOCK 2039342C1</p>																																																					
		<p>AIR SOLENOID 4 PACK (9736) (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N59A-G</td> <td>14</td> <td>WH</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>B</td> <td>N59B</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>N59C</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>D</td> <td>N59D</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>E</td> <td>N59E</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N59A-G	14	WH	2033816C1	0589391C1	B	N59B	18	GY	2033819C1	1652325C1	C	N59C	18	GY	2033819C1	1652325C1	D	N59D	18	GY	2033819C1	1652325C1	E	N59E	18	GY	2033819C1	1652325C1												
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<p>W/ WORKSTAR CONNECTOR 1661375C2 BODY LOCK 1661376C1</p>																																																					
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																															
0488	20NOV14	INITIAL RELEASE.	A	92674A	23123982	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																															
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					AE08079252	006																																															

Figure 985 Connector Composites (9727), (9728), (9729), (9736)

14.7. CONNECTOR COMPOSITES (9737), (9738), (9739), (9740), P. 7

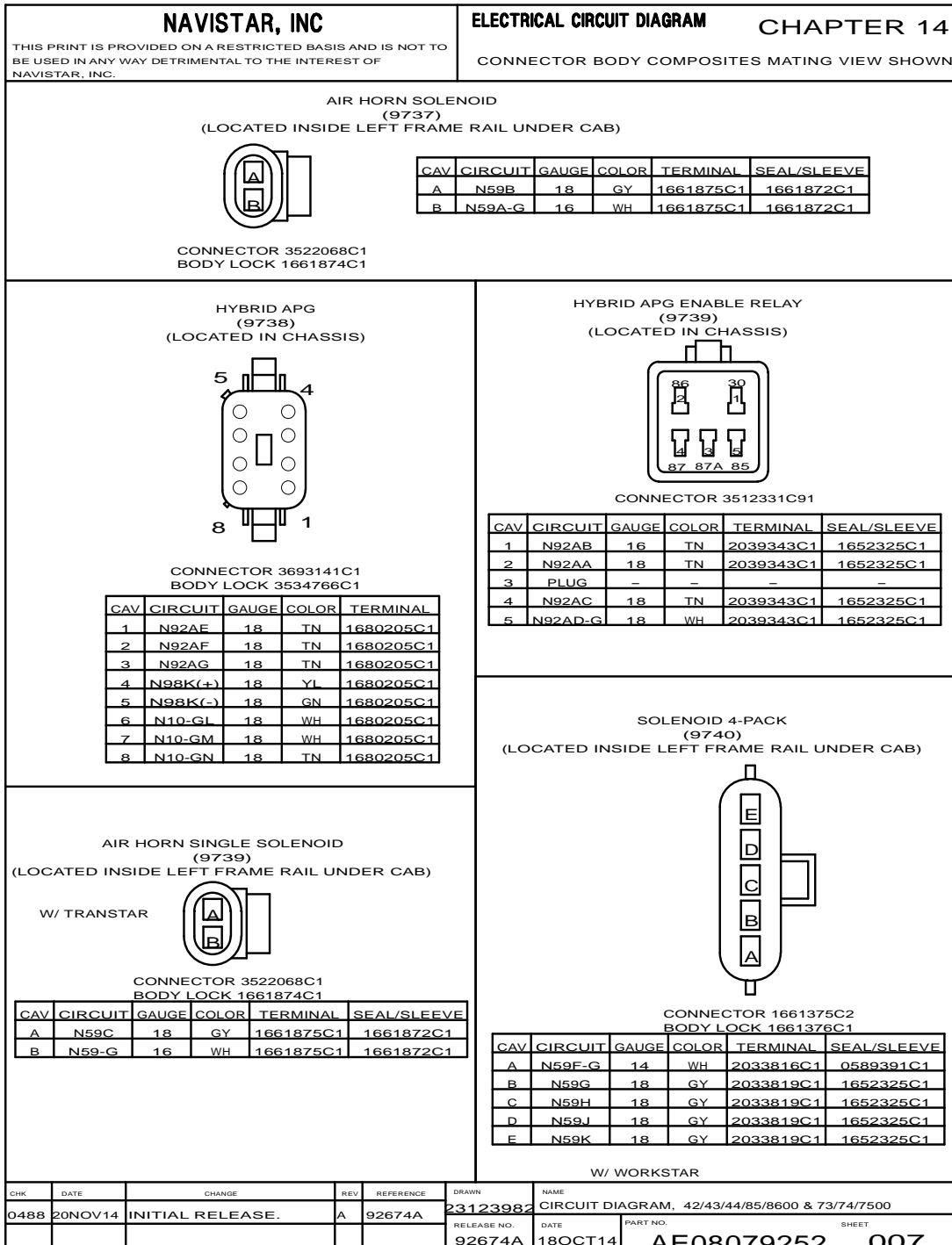


Figure 986 Connector Composites (9737), (9738), (9739), (9740)

14.8. CONNECTOR COMPOSITES (9740), (9740A), (9740B), P. 8

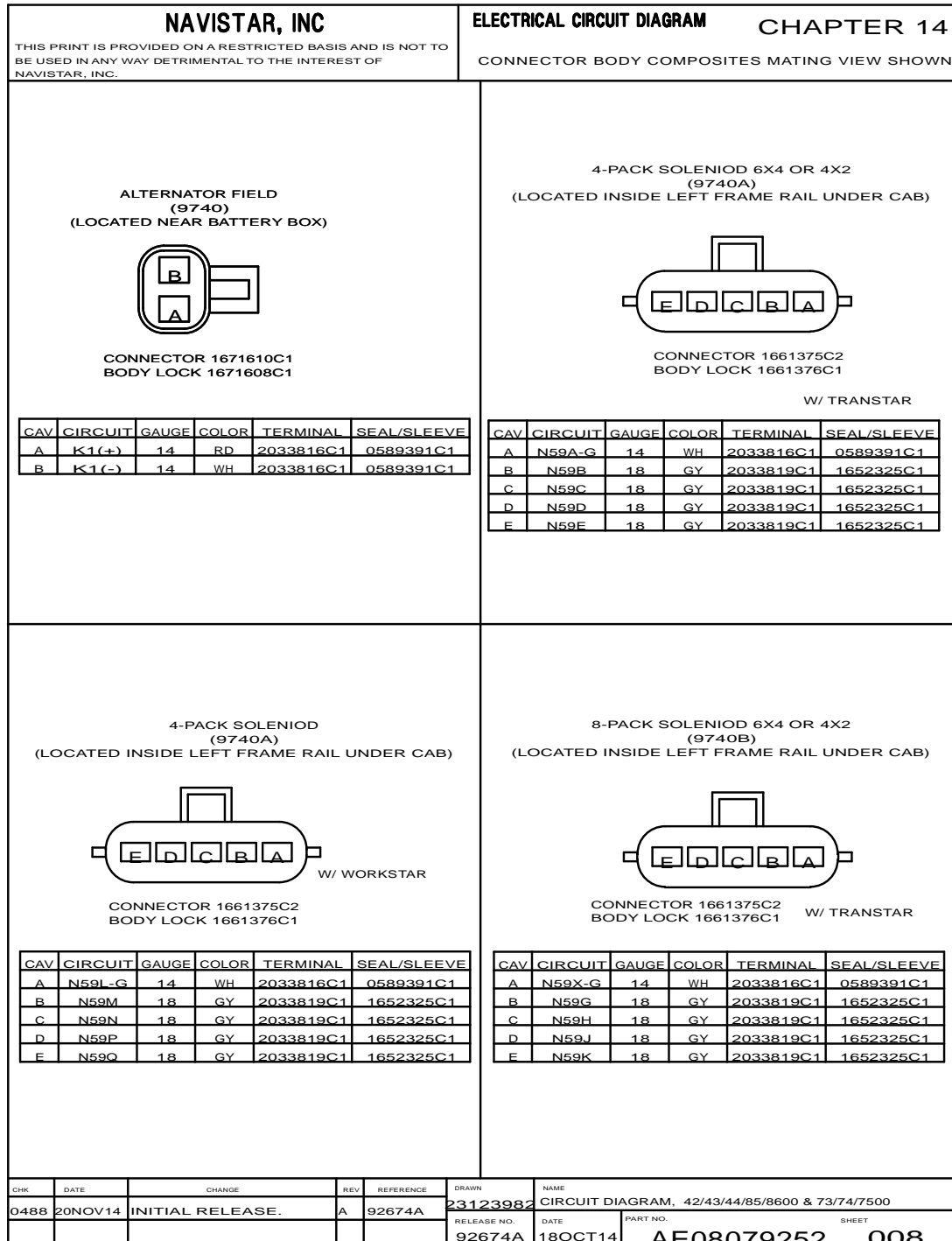


Figure 987 Connector Composites (9740), (9740A), (9740B)

14.9. CONNECTOR COMPOSITES (9740B), (9740C), (9740D), (*9740E), (9745), P. 9

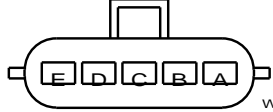
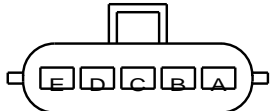
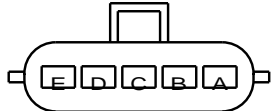
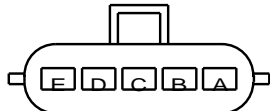
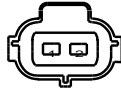
<p style="text-align: center;">NAVISTAR, INC</p> <p style="font-size: small;">THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>	<p style="text-align: center;">ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</p> <p style="text-align: center;">CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p>																																																																																																						
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Figure 988 Connector Composites (9740B), (9740C), (9740D), (*9740E), (9745)

14.10. CONNECTOR COMPOSITES (9745A), (9746), (9746A), (9747), (9748), (9750), P. 10

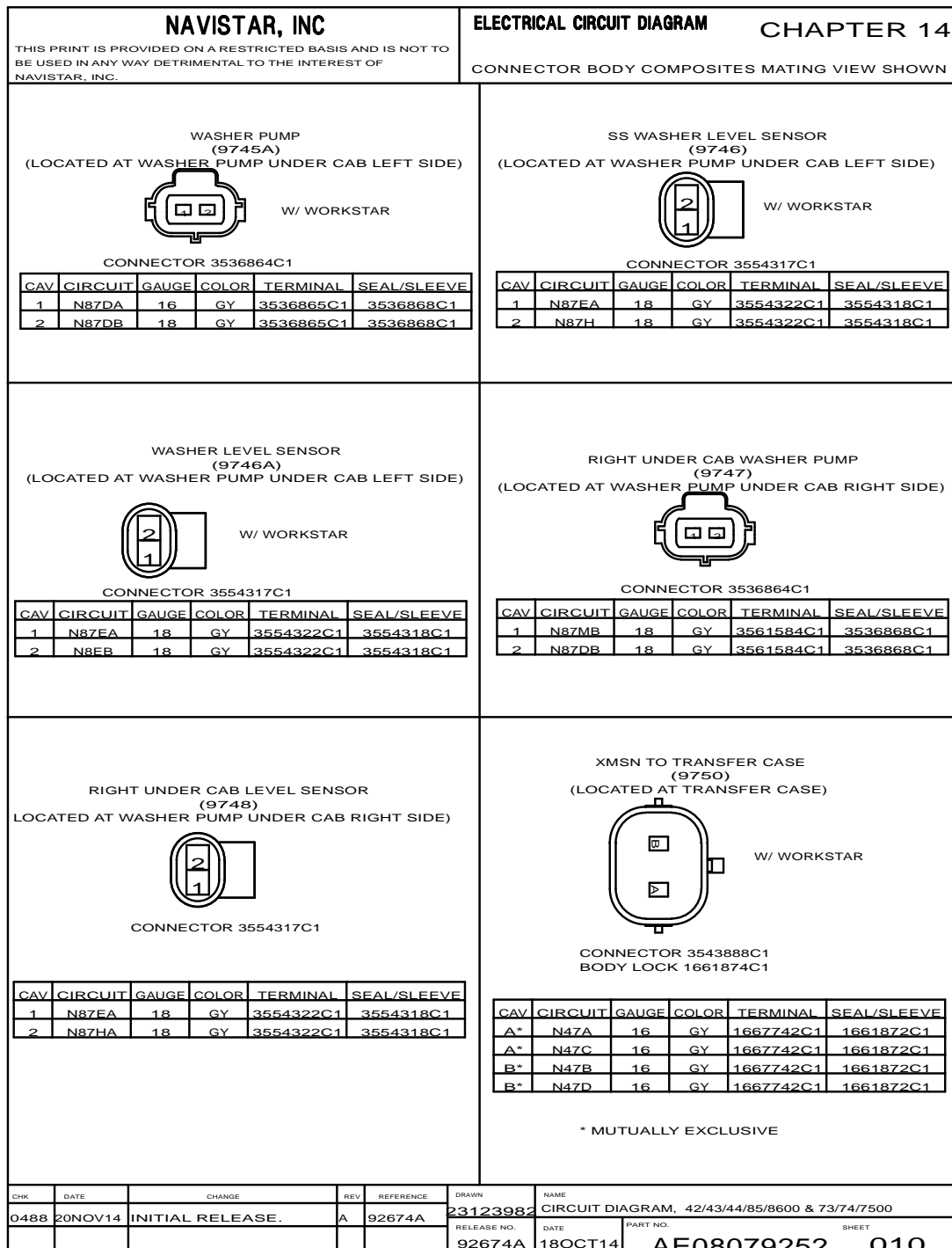


Figure 989 Connector Composites (9745A), (9746), (9746A), (9747), (9748), (9750)

14.11. CONNECTOR COMPOSITES (9750F), (9751), (9752), (9753), P. 11

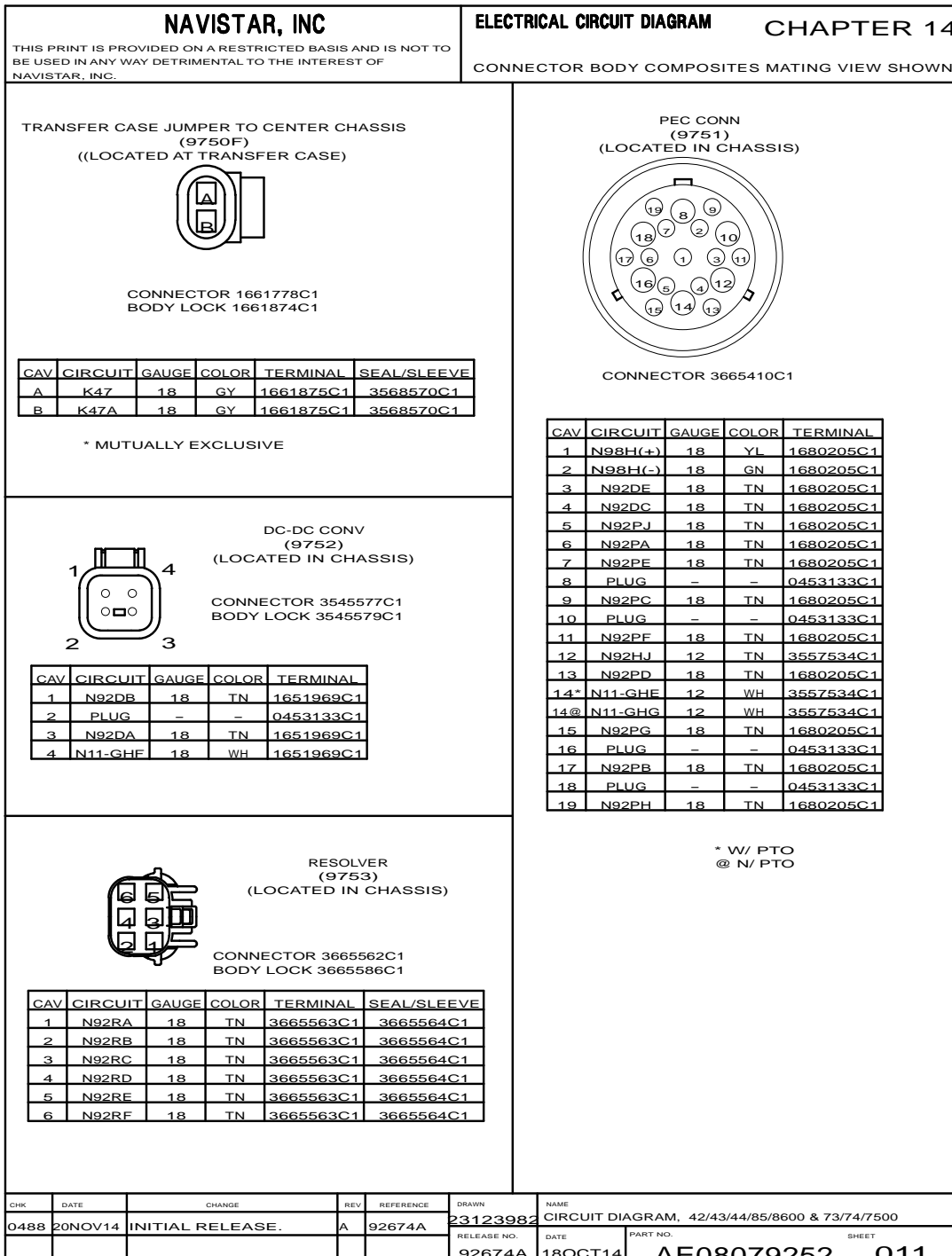


Figure 990 Connector Composites (9750F), (9751), (9752), (9753)

14.12. CONNECTOR COMPOSITES (9753A), (9754), (9754B), (9754D), P. 12

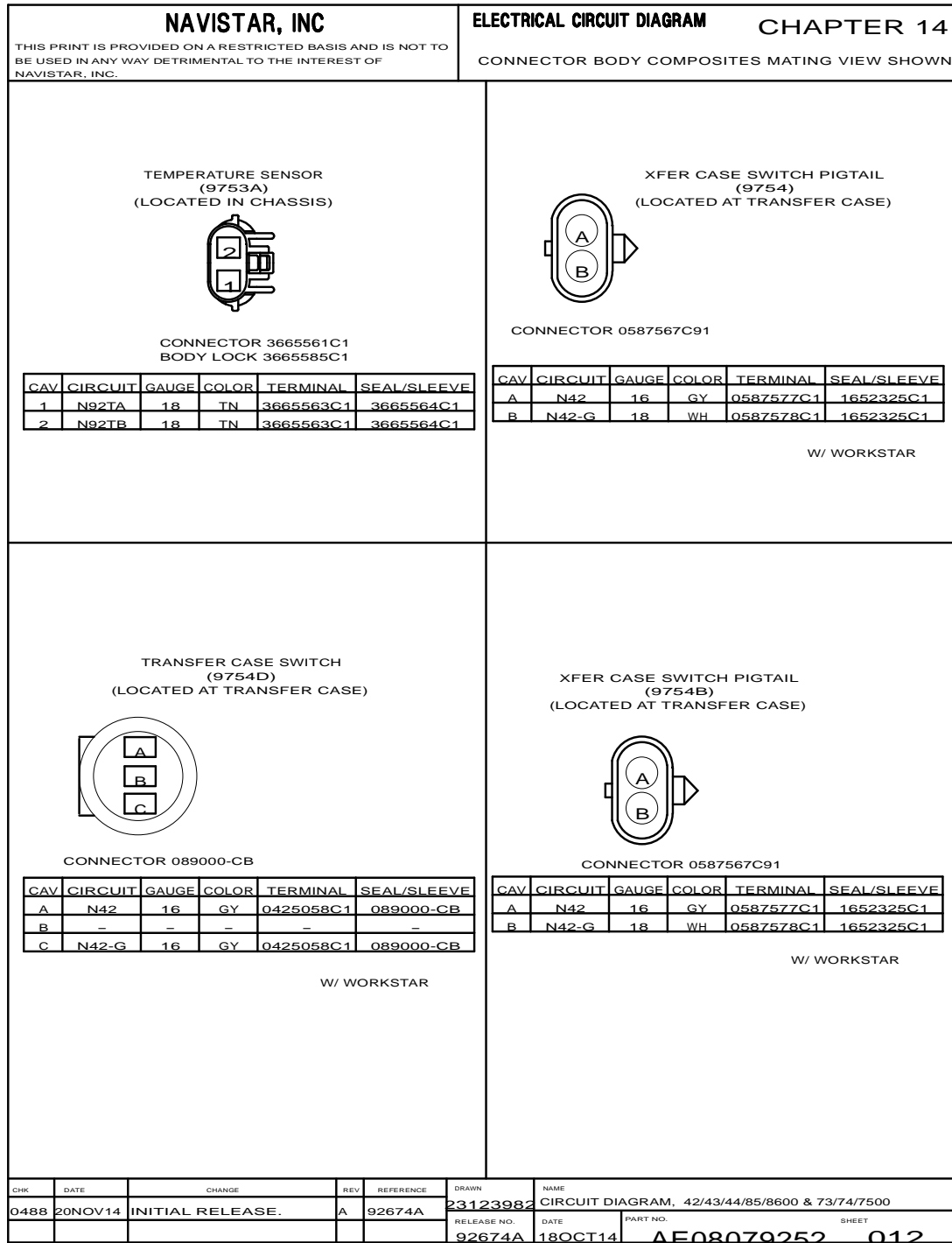


Figure 991 Connector Composites (9753A), (9754), (9754B), (9754D)

14.13. CONNECTOR COMPOSITES (9755), (9755B), (9755D), (9756), P. 13

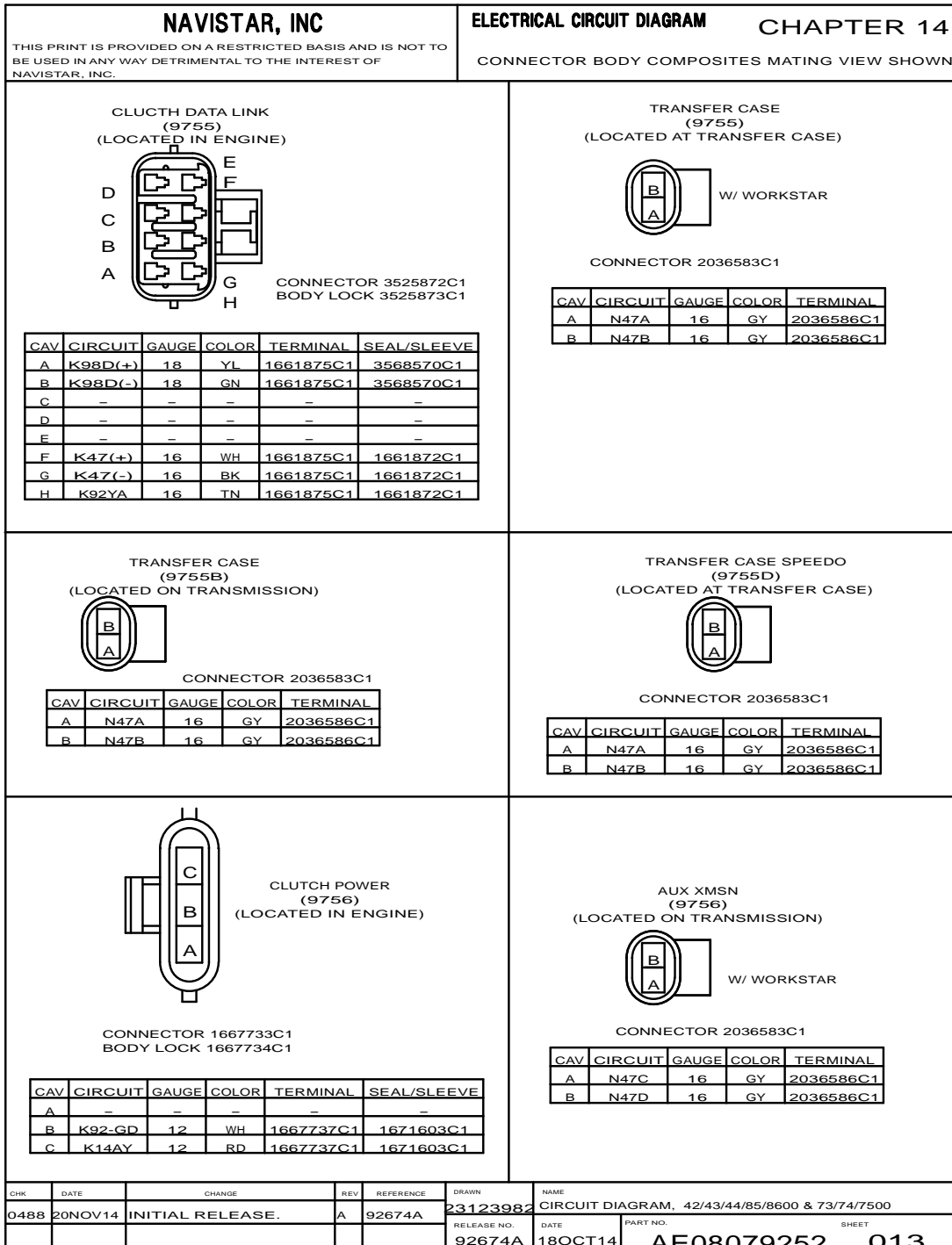


Figure 992 Connector Composites (9755), (9755B), (9755D), (9756)

14.14. CONNECTOR COMPOSITES (9758), (9759), (9760), P. 14

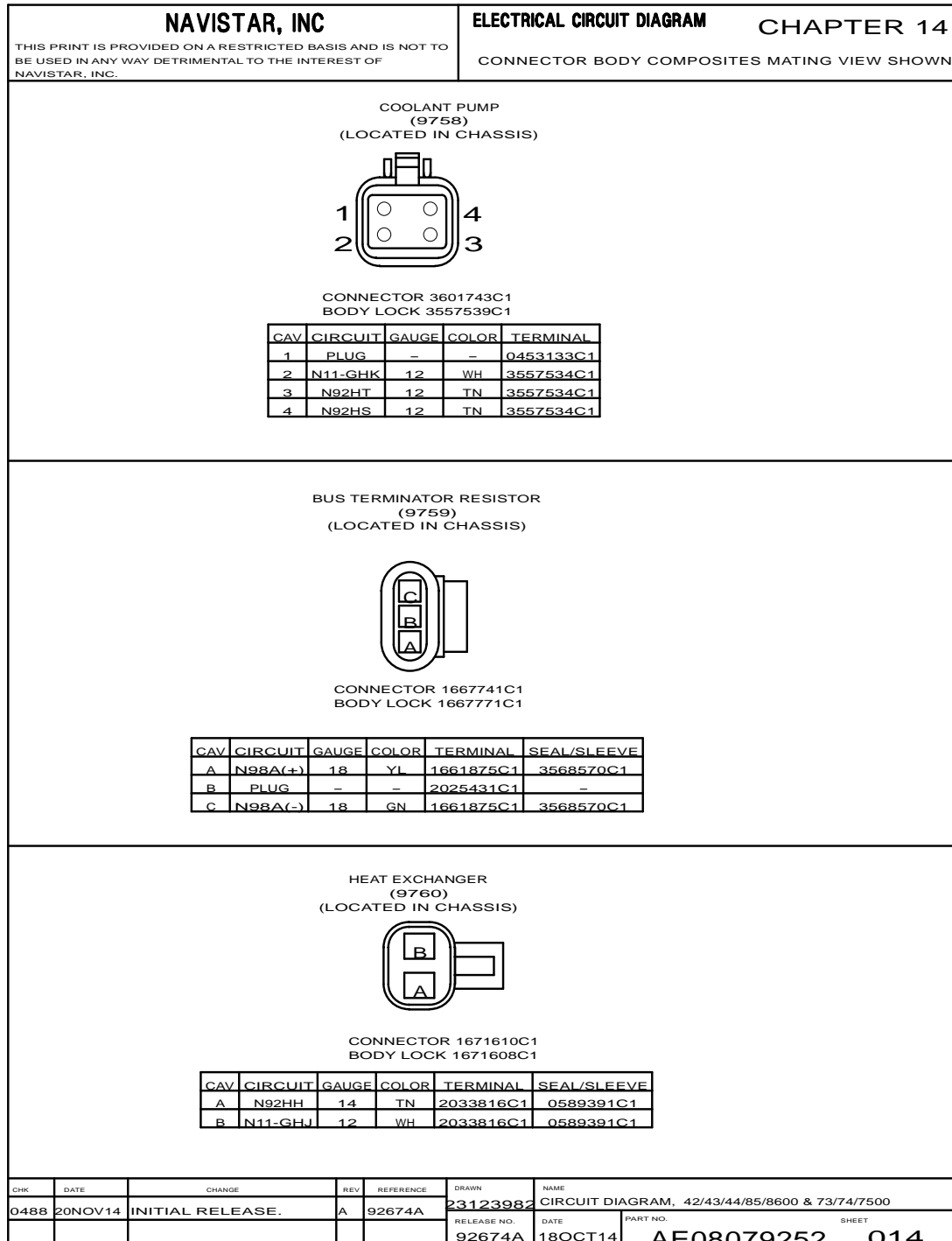


Figure 993 Connector Composites (9758), (9759), (9760)

14.15. CONNECTOR COMPOSITES (9761F), (9762), (9763), (9764), P. 15

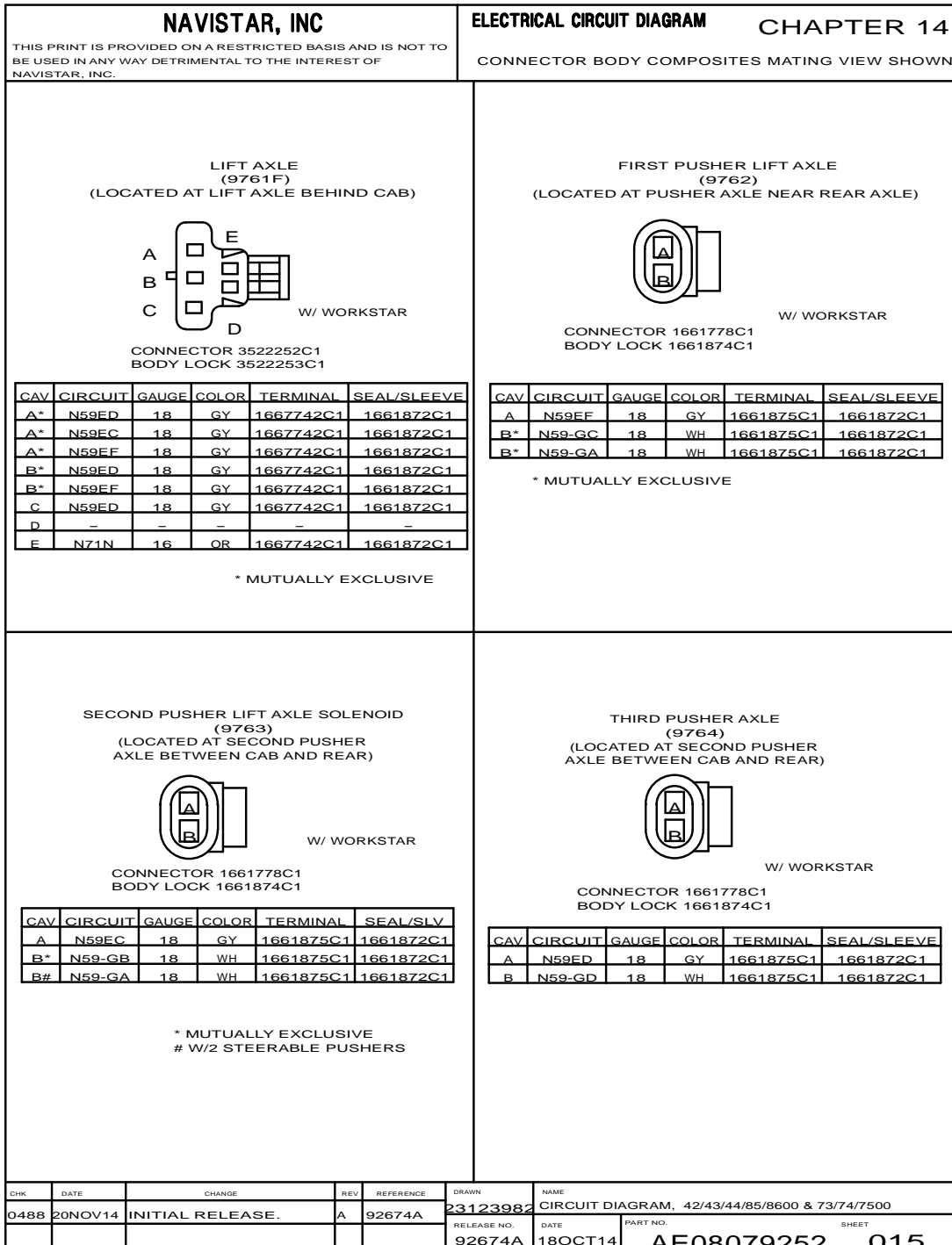


Figure 994 Connector Composites (9761F), (9762), (9763), (9764)

14.16. CONNECTOR COMPOSITES (9765), (9766), (9767), (9775F), (9776F), P. 16

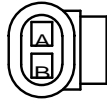
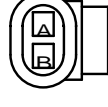
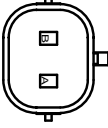
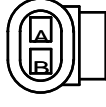
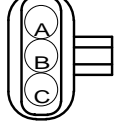
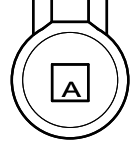
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CAV	CIRC	GA	COLOR	TERMINAL	SEAL/SLV																																																								
A	R65	16	OR	1661875C1	1661872C1																																																								
B	R65-G	16	WH	1661875C1	1661872C1																																																								
<p>LOAD INDICATOR TO CENTER CHASSIS (9775F) (LOCATED BETWEEN CENTER CHASSIS AND REAR CHASSIS)</p>  <p>CONNECTOR 1667740C1 BODY LOCK 1667771C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLV</th></tr> </thead> <tbody> <tr><td>A*</td><td>R9M</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>A%</td><td>R9N</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B*</td><td>R6H</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B%</td><td>R6J</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>C*</td><td>R61C</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>C%</td><td>R61D</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> </tbody> </table> <p>% W/ REAR LOAD INDICATOR(6X4) * W/ LOAD INDICATOR (4X2)</p>				CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A*	R9M	18	GY	1667742C1	1661872C1	A%	R9N	18	GY	1667742C1	1661872C1	B*	R6H	18	GY	1667742C1	1661872C1	B%	R6J	18	GY	1667742C1	1661872C1	C*	R61C	18	GY	1667742C1	1661872C1	C%	R61D	18	GY	1667742C1	1661872C1	<p>TRANSFER CASE JUMPER TO CENTER CHASSIS (9776F) (LOCATED AT TRANSFER CASE)</p>  <p>CONNECTOR 3537133C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>R10B</td><td>8</td><td>WH</td><td>3700153C1</td><td>3537135C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R10B	8	WH	3700153C1	3537135C1
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																																								
A*	R9M	18	GY	1667742C1	1661872C1																																																								
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B*	R6H	18	GY	1667742C1	1661872C1																																																								
B%	R6J	18	GY	1667742C1	1661872C1																																																								
C*	R61C	18	GY	1667742C1	1661872C1																																																								
C%	R61D	18	GY	1667742C1	1661872C1																																																								
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																							
0488	20NOV14	INITIAL RELEASE.	A	92674A	23123982	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																							
					RELEASE NO.	DATE	PART NO.																																																						
					92674A	18OCT14	AE08079252 016																																																						

Figure 995 Connector Composites (9765), (9766), (9767), (9775F), (9776F)

14.17. CONNECTOR COMPOSITES (9777), (9777A), (9777E), (9777M), P. 17

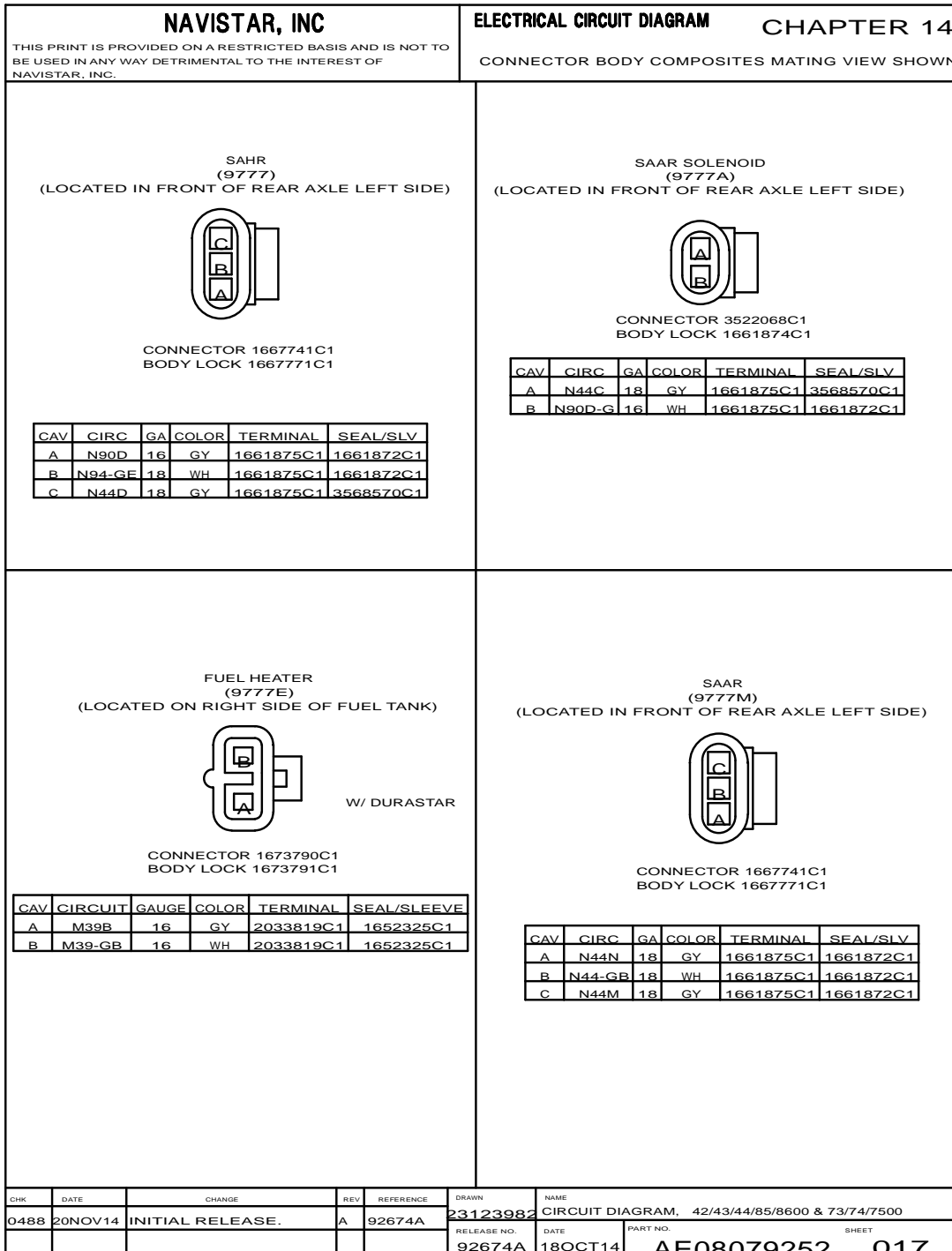


Figure 996 Connector Composites (9777), (9777A), (9777E), (9777M)

14.18. CONNECTOR COMPOSITES (9778), (9778F), (9778F1), P. 18

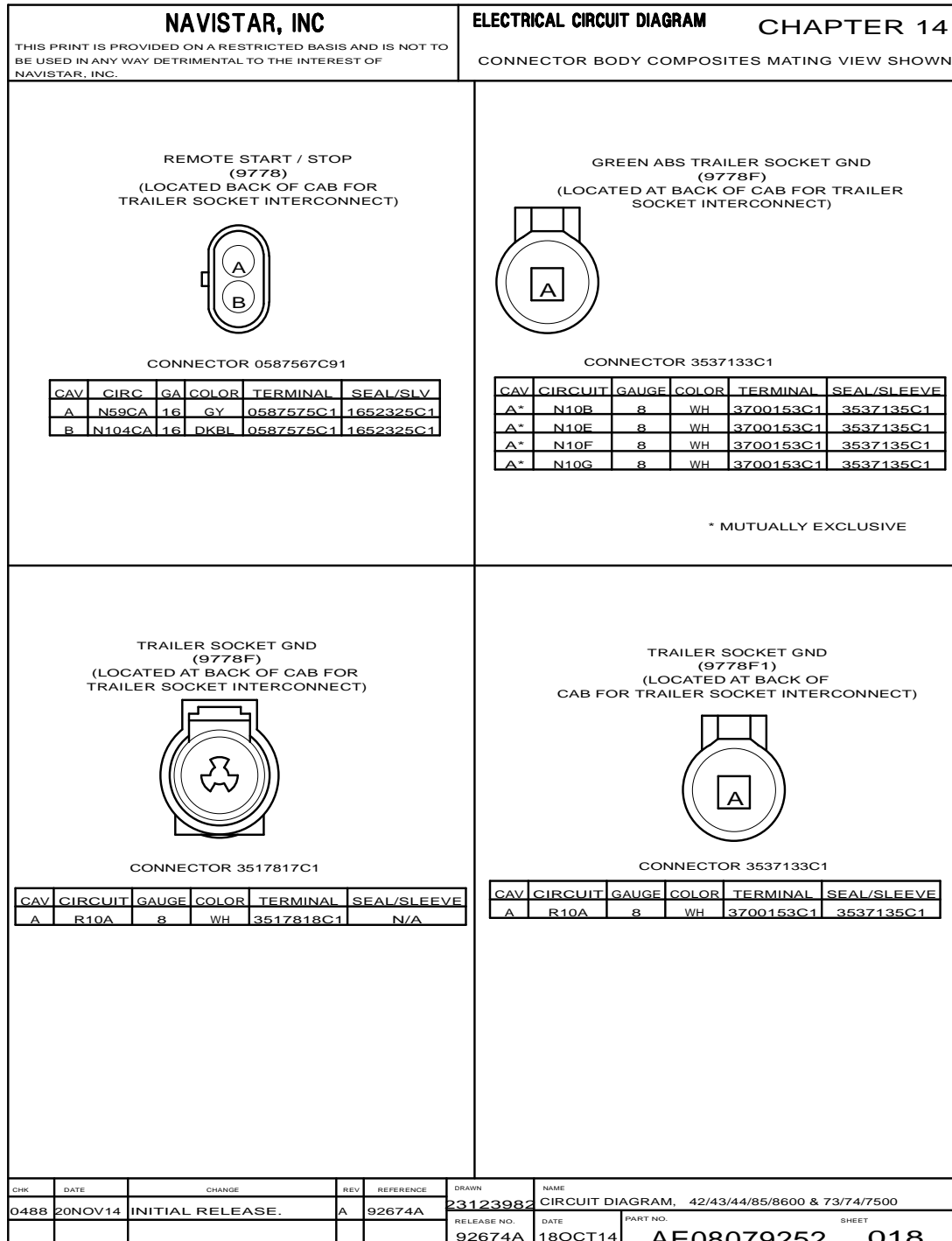


Figure 997 Connector Composites (9778), (9778F), (9778F1)

14.19. CONNECTOR COMPOSITES (9779F), (9779F1), P. 19

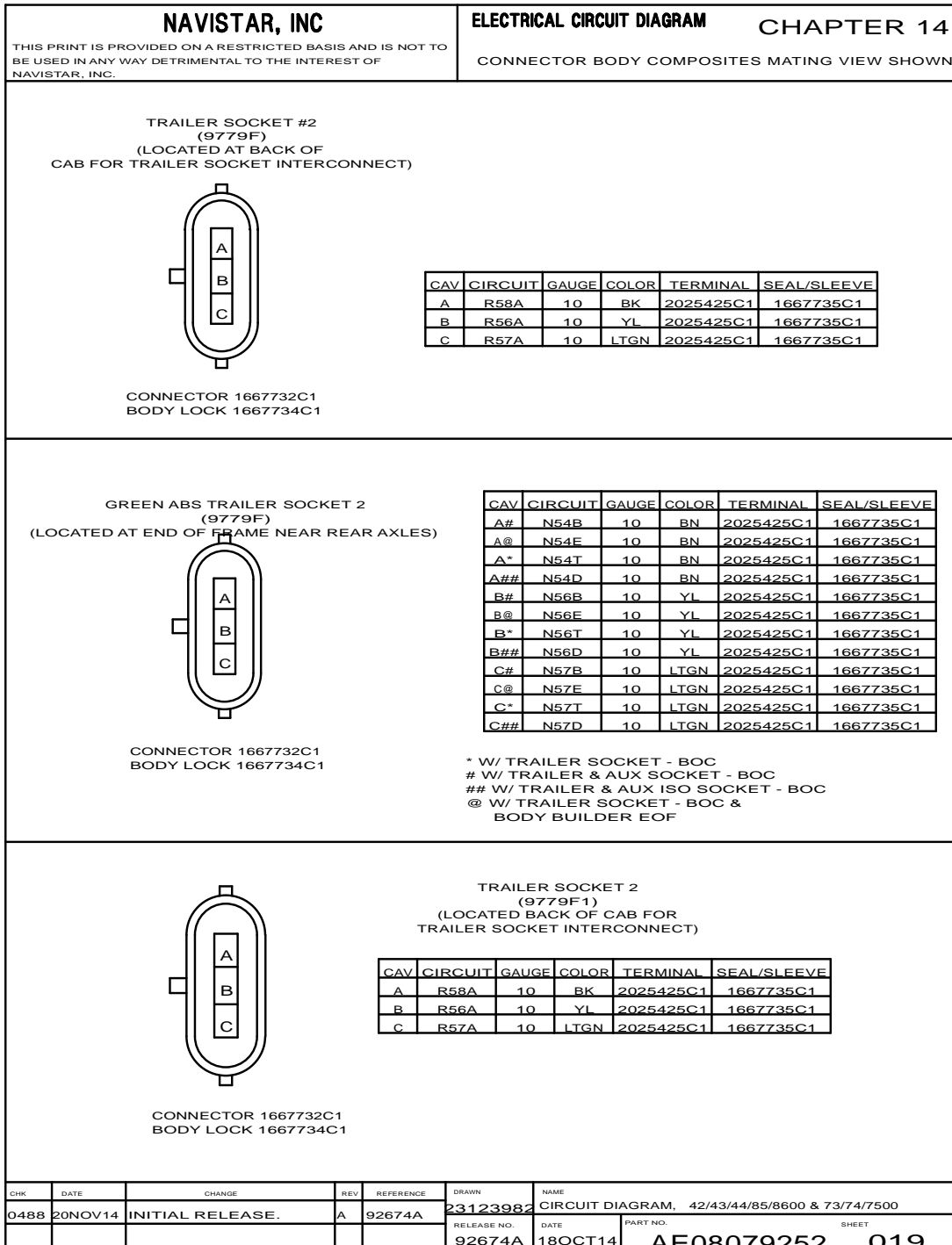


Figure 998 Connector Composites (9779F), (9779F1)

14.20. CONNECTOR COMPOSITES (9780M), (9780M1), P. 20

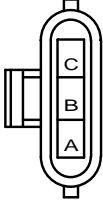
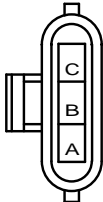
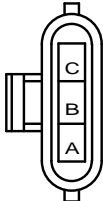
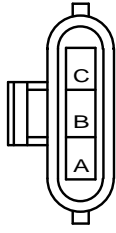
<p>NAVISTAR, INC</p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>	<p>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</p> <p>CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p>																																																																														
 <p>CONNECTOR 1667733C1 BODY LOCK 1667734C1</p>	<p>GREEN ABS TRAILER SOCKET #1 (9780M) (LOCATED BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)</p> <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>N70B</td><td>10</td><td>RD</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>A@</td><td>N70E</td><td>10</td><td>RD</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>A*</td><td>N70T</td><td>10</td><td>RD</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>A##</td><td>N70D</td><td>10</td><td>RD</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>B#</td><td>N68E</td><td>10</td><td>BN</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>B@</td><td>N68E</td><td>10</td><td>BN</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>B*</td><td>N68T</td><td>10</td><td>BN</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>B##</td><td>N68D</td><td>10</td><td>BN</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>C@</td><td>N94E</td><td>10</td><td>GY</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>C*</td><td>N94T</td><td>10</td><td>GY</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>C#</td><td>N94T</td><td>10</td><td>GY</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>C##</td><td>N72V</td><td>10</td><td>DK BL</td><td>1667737C1</td><td>1667735C1</td></tr> </tbody> </table> <p>* W/ TRAILER SOCKET - BOC # W/ TRAILER & AUX SOCKET - BOC ## W/ TRAILER & AUX SOCKET - BOC @ W/ TRAILER SOCKET - BOC & BODY BUILDER EOF</p>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A#	N70B	10	RD	1667737C1	1667735C1	A@	N70E	10	RD	1667737C1	1667735C1	A*	N70T	10	RD	1667737C1	1667735C1	A##	N70D	10	RD	1667737C1	1667735C1	B#	N68E	10	BN	1667737C1	1667735C1	B@	N68E	10	BN	1667737C1	1667735C1	B*	N68T	10	BN	1667737C1	1667735C1	B##	N68D	10	BN	1667737C1	1667735C1	C@	N94E	10	GY	1667737C1	1667735C1	C*	N94T	10	GY	1667737C1	1667735C1	C#	N94T	10	GY	1667737C1	1667735C1	C##	N72V	10	DK BL	1667737C1	1667735C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																										
A#	N70B	10	RD	1667737C1	1667735C1																																																																										
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B#	N68E	10	BN	1667737C1	1667735C1																																																																										
B@	N68E	10	BN	1667737C1	1667735C1																																																																										
B*	N68T	10	BN	1667737C1	1667735C1																																																																										
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C	R94A	10	DKBL	1667737C1	1667735C1																																																																										
<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> </tr> </thead> <tbody> <tr> <td>0488</td> <td>20NOV14</td> <td>INITIAL RELEASE.</td> <td>A</td> <td>92674A</td> </tr> </tbody> </table>	CHK	DATE	CHANGE	REV	REFERENCE	0488	20NOV14	INITIAL RELEASE.	A	92674A	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>DRAWN</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>23123982</td> <td>CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500</td> </tr> <tr> <th>RELEASE NO.</th> <th>DATE</th> </tr> <tr> <td>92674A</td> <td>18OCT14</td> </tr> </tbody> </table>	DRAWN	NAME	23123982	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	RELEASE NO.	DATE	92674A	18OCT14																																																												
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92674A	18OCT14																																																																														
<p>AE08079252 020</p>																																																																															

Figure 999 Connector Composites (9780M), (9780M1)

14.21. CONNECTOR COMPOSITES (9781M), (9782F), (9782M), P. 21

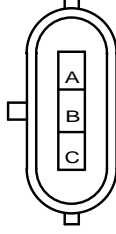
NAVISTAR, INC		ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 14	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.		CONNECTOR BODY COMPOSITES MATING VIEW SHOWN			



CONNECTOR 1667733C1
BODY LOCK 1667734C1

BLACK AUX TRAILER SOCKET #1
(9781M)
(LOCATED BACK OF CAB FOR AUX TRAILER SOCKET INTERCONNECT)

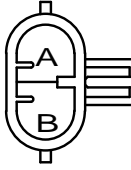
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N70C	10	RD	1667737C1	1667735C1
B	N68C	10	BN	1667737C1	1667735C1
C	N72	12	OR	1667737C1	1671603C1



CONNECTOR 1667732C1
BODY LOCK 1667734C1

BLACK AUX TRAILER SOCKET #2
(9782F)
(LOCATED BACK OF CAB FOR AUX TRAILER SOCKET INTERCONNECT)

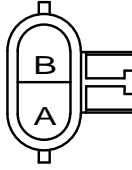
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N54C	10	BN	2025425C1	1667735C1
B	N56C	10	YL	2025425C1	1667735C1
C	N57C	10	LTGN	2025425C1	1667735C1



CONNECTOR 2031520C1
BODY LOCK 2033927C1

ISO TRAILER SOCKET
(9782F)
(LOCATED BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R94T	10	DKBL	2025423C1	2025427C1
B	R94TA	12	YL	2025422C1	2025422C1



CONNECTOR 2031522C1
BODY LOCK 2033927C1

ISO TRAILER SOCKET
(9782M)
(LOCATED BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R94T	10	DKBL	2031531C1	2025427C1
B	R94TA	12	YL	2031531C1	2025428C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0488	20NOV14	INITIAL RELEASE.	A	92674A	23123982	CIRCUIT DIAGRAM,
					RELEASE NO.	DATE
					92674A	18OCT14
					PART NO.	SHEET
					AE08079252	021

Figure 1000 Connector Composites (9781M), (9782F), (9782M)

14.22. CONNECTOR COMPOSITES (9783), (9783F), (9783M), (9784M), (9785M), P. 22

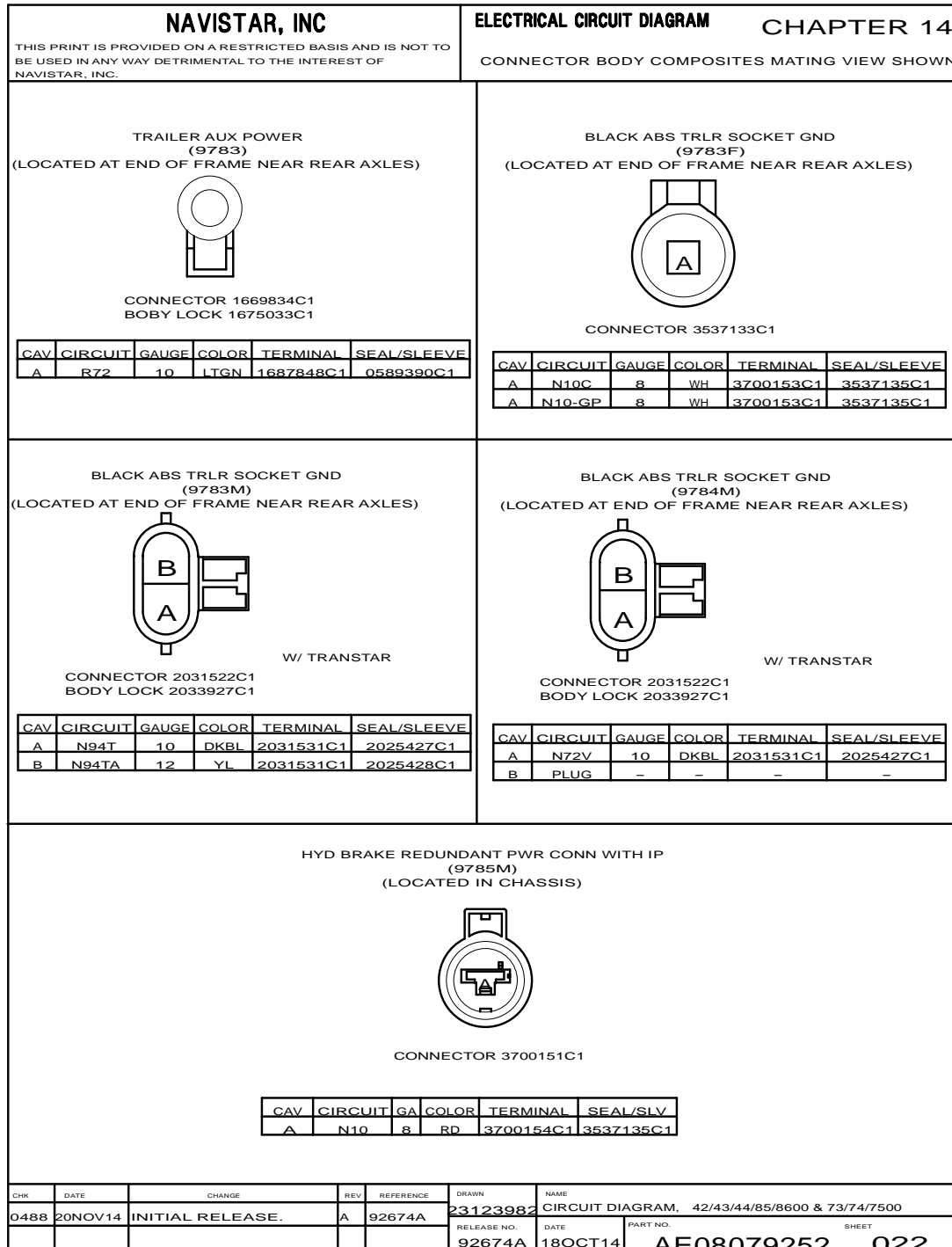
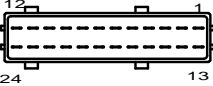


Figure 1001 Connector Composites (9783), (9783F), (9783M), (9784M), (9785M)

14.23. CONNECTOR COMPOSITES (9800), P. 23

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 14	
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CONNECTION TO CENTER HARNESS (9800) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)							
							
				CONNECTOR 3558022C1 BODY LOCK 3558056C1			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE		
1	R71	14	OR	3559037C1	3575783C1		
2	R56	14	OR	3559037C1	3575783C1		
3	R57	14	OR	3559037C1	3575783C1		
4	R6B	14	BN	3559037C1	3575783C1		
5*	R32A	18	TN	3559036C1	3509903C1		
5*	R36	18	TN	3559036C1	3509903C1		
5*	R6B	18	BN	3559036C1	3509903C1		
6*	R70	14	OR	3559037C1	3575783C1		
6*	R32	18	TN	3559036C1	3509903C1		
6*	R70	18	OR	3559036C1	3509903C1		
7*	R49	18	GY	3559036C1	3509903C1		
7*	R49	18	WH	3559036C1	3509903C1		
8*	R49A	18	GY	3559036C1	3509903C1		
8*	R49A	18	WH	3559036C1	3509903C1		
9*	R49-GA	18	WH	3559036C1	3509903C1		
9*	R10-GB	18	WH	3559036C1	3509903C1		
10	R9D	18	GY	3559036C1	3509903C1		
11*	R9C	18	GY	3559036C1	3509903C1		
11*	R9B	18	GY	3559036C1	3509903C1		
12*	R11-GTL	12	WH	3559037C1	3575783C1		
12*	R10-G	12	WH	3559037C1	3575783C1		
13*	R94R	16	GY	3559037C1	3509903C1		
13*	R94A	16	GY	3559037C1	3509903C1		
13*	R94M	16	GY	3559037C1	3509903C1		
13*	R94BR	16	GY	3559037C1	3509903C1		
13*	[R94M]	18	BK	3559036C1	3509903C1		
13*	[R94WL]	18	BK	3559036C1	3509903C1		
13*	[R94JI]	18	BK	3559036C1	3509903C1		
14*	R94S	16	OR	3559037C1	3509903C1		
14*	R94B	16	OR	3559037C1	3509903C1		
14*	R94N	16	OR	3559037C1	3509903C1		
14*	R94BO	16	OR	3559037C1	3509903C1		
14*	[R94NI]	18	BN	3559036C1	3509903C1		
14*	[R94WMI]	18	BN	3559036C1	3509903C1		
14*	[R94KI]	18	BN	3559036C1	3509903C1		
15*	R94W	16	DKBL	3559037C1	3509903C1		
15*	R94C	16	DKBL	3559037C1	3509903C1		
15*	R94PP	16	DKBL	3559037C1	3509903C1		
15*	R94BW	16	DKBL	3559037C1	3509903C1		
15*	[R94PI]	18	BK	3559036C1	3509903C1		
15*	[R94VSI]	18	BK	3559036C1	3509903C1		
15*	[R94TI]	18	BK	3559036C1	3509903C1		
16*	R94X	16	YL	3559037C1	3509903C1		
16*	R94D	16	YL	3559037C1	3509903C1		
16*	R94RR	16	YL	3559037C1	3509903C1		
16*	R94BV	16	YL	3559037C1	3509903C1		
16*	[R94RI]	18	BN	3559036C1	3509903C1		
16*	[R94WTI]	18	BN	3559036C1	3509903C1		
16*	[R94UI]	18	BN	3559036C1	3509903C1		
17*	R94LA	16	GY	3559037C1	3509903C1		
17*	R94M	16	BK	3559037C1	3509903C1		

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
17*	R94E	16	BK	3559037C1	3509903C1
17*	R94SS	16	BK	3559037C1	3509903C1
17*	R94BZ	16	BK	3559037C1	3509903C1
17*	[R94WNI]	18	BL	3559036C1	3509903C1
17*	[R94LI]	18	BL	3559036C1	3509903C1
17#	R94WNR	12	GY	3559037C1	3575783C1
18*	R94LB	16	GY	3559037C1	3509903C1
18*	R94N	16	RD	3559037C1	3509903C1
18*	R94F	16	RD	3559037C1	3509903C1
18*	R94TT	16	RD	3559037C1	3509903C1
18*	R94BY	16	RD	3559037C1	3509903C1
18*	[R94G7I]	18	GN	3559036C1	3509903C1
18*	[R94G8I]	18	GN	3559036C1	3509903C1
18#	R94G7R	12	GY	3559037C1	3575783C1
19*	R94LC	16	GY	3559037C1	3509903C1
19*	R94P	16	BN	3559037C1	3509903C1
19*	R94H	16	BN	3559037C1	3509903C1
19*	R94UU	16	BN	3559037C1	3509903C1
19*	R94BP	16	BN	3559037C1	3509903C1
19*	[R94WR]	18	BN	3559036C1	3509903C1
19*	[R94M]	18	BN	3559036C1	3509903C1
19#	R94WRR	12	GY	3559037C1	3575783C1
20*	R94RJ	16	GY	3559037C1	3509903C1
20*	R94T	16	PL	3559037C1	3509903C1
20*	R94J	16	PL	3559037C1	3509903C1
20*	R94VV	16	PL	3559037C1	3509903C1
20*	R94BS	16	PL	3559037C1	3509903C1
20*	[R94WU]	18	BL	3559036C1	3509903C1
20*	[R94P]	18	BL	3559036C1	3509903C1
20#	R94WUR	12	GY	3559037C1	3575783C1
21*	R94RK	16	GY	3559037C1	3509903C1
21*	R94U	16	LTGN	3559037C1	3509903C1
21*	R94K	16	LTGN	3559037C1	3509903C1
21*	R94W	16	LTGN	3559037C1	3509903C1
21*	R94BT	16	LTGN	3559037C1	3509903C1
21*	[R94G6I]	18	GN	3559036C1	3509903C1
21*	[R94G9I]	18	GN	3559036C1	3509903C1
22*	R94RL	16	GY	3559037C1	3509903C1
21#	R94G6R	12	GY	3559037C1	3575783C1
22*	R94V	16	LTBL	3559037C1	3509903C1
22*	R94L	16	LTBL	3559037C1	3509903C1
22*	R94X	16	LTBL	3559037C1	3509903C1
22*	R94BU	16	LTBL	3559037C1	3509903C1
22*	[R94WVI]	18	BN	3559036C1	3509903C1
22*	[R94S]	18	BN	3559036C1	3509903C1
22#	R94WWR	12	GY	3559037C1	3575783C1
23*	R94BD	16	BN	3559037C1	3509903C1
23*	[R94WXI]	18	BN	3559036C1	3509903C1
24*	R94BE	16	YL	3559037C1	3509903C1
24*	[R94WZI]	18	BL	3559036C1	3509903C1

W/ WABCO AIR ABS
* MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0488	24MAR15	REVISED AND REDRAWN.	B	92927M	23123982	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					92674A	18OCT14
					PART NO.	SHEET
					AE08079252	023

Figure 1002 Connector Composites (9800)

14.24. CONNECTOR COMPOSITES (9800), P. 24

NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 14																																																																																																																																																																																																																																																																																																																																																																			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																																																																																																																																																																																																																																																																																																																																							
CONNECTION TO REAR CHASSIS HARNESS (9800) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)																																																																																																																																																																																																																																																																																																																																																																												
12 1 CONNECTOR 3558026C1 BODY LOCK 3558056C1																																																																																																																																																																																																																																																																																																																																																																												
<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr><td>1</td><td>N71A</td><td>14</td><td>OR</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>1*</td><td>N71D</td><td>14</td><td>OR</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>1*</td><td>N71</td><td>14</td><td>OR</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>2</td><td>N56</td><td>14</td><td>OR</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>3</td><td>N57</td><td>14</td><td>OR</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>4</td><td>N68</td><td>14</td><td>BN</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>5#</td><td>N32A</td><td>18</td><td>TN</td><td>3509874C1</td><td>3509903C1</td></tr> <tr><td>5*</td><td>N36A</td><td>18</td><td>TN</td><td>3509874C1</td><td>3509903C1</td></tr> <tr><td>6*</td><td>N32</td><td>18</td><td>TN</td><td>3509874C1</td><td>3509903C1</td></tr> <tr><td>6*</td><td>N70</td><td>14</td><td>OR</td><td>3553035C1</td><td>3575783C1</td></tr> <tr><td>7#</td><td>N49</td><td>18</td><td>GY</td><td>3509874C1</td><td>3509903C1</td></tr> <tr><td>8*#</td><td>N49A</td><td>18</td><td>GY</td><td>3509874C1</td><td>3509903C1</td></tr> <tr><td>8*@</td><td>N49A</td><td>18</td><td>GY</td><td>3509874C1</td><td>3532128C1</td></tr> <tr><td>9</td><td>N49-G</td><td>18</td><td>WH</td><td>3509874C1</td><td>3509903C1</td></tr> <tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>3532129C1</td><td>-</td></tr> <tr><td>11*</td><td>N9F</td><td>18</td><td>GY</td><td>3509874C1</td><td>3509903C1</td></tr> <tr><td>11*#</td><td>N9H</td><td>18</td><td>GY</td><td>3509874C1</td><td>3509903C1</td></tr> <tr><td>12</td><td>N10-G</td><td>12</td><td>WH</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>13*</td><td>N94BE</td><td>16</td><td>GY</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>13*#</td><td>N94WL</td><td>16</td><td>GY</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>13*@</td><td>N94M(+)</td><td>18</td><td>GY</td><td>3509874C1</td><td>3532128C1</td></tr> <tr><td>13*</td><td>N94LEA</td><td>16</td><td>GY</td><td>3553035C1</td><td>3575783C1</td></tr> <tr><td>14*</td><td>N94BD</td><td>16</td><td>GY</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>14*#</td><td>N94WM</td><td>16</td><td>GY</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>14*@</td><td>N94M(-)</td><td>18</td><td>GY</td><td>3509874C1</td><td>3532128C1</td></tr> <tr><td>14*</td><td>N94LDA</td><td>16</td><td>GY</td><td>3553035C1</td><td>3509903C1</td></tr> <tr><td>15*</td><td>N94BH</td><td>16</td><td>GY</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>15*#</td><td>N94WS</td><td>14</td><td>GY</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>15*@</td><td>N94N(+)</td><td>18</td><td>GY</td><td>3509874C1</td><td>3532128C1</td></tr> <tr><td>15*</td><td>N94RHA</td><td>16</td><td>GY</td><td>3553035C1</td><td>3509903C1</td></tr> <tr><td>15&</td><td>N94N(+)</td><td>18</td><td>TN</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>16*</td><td>N94BF</td><td>16</td><td>GY</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>16*#</td><td>N94WT</td><td>14</td><td>GY</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>16*@</td><td>N94N(-)</td><td>18</td><td>GY</td><td>3509874C1</td><td>3532128C1</td></tr> <tr><td>16*</td><td>N94RFA</td><td>16</td><td>GY</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>17*</td><td>N94BA</td><td>16</td><td>GY</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>17*#</td><td>N94WN</td><td>16</td><td>GY</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>17*</td><td>N94LAA</td><td>16</td><td>GY</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>18*</td><td>N94BB</td><td>16</td><td>GY</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>18*#</td><td>N94-G7</td><td>16</td><td>WH</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>18*</td><td>N94LBA</td><td>16</td><td>GY</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>19*</td><td>N94BC</td><td>16</td><td>GY</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>19*#</td><td>N94WR</td><td>16</td><td>GY</td><td>3559035C1</td><td>3509903C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	1	N71A	14	OR	3559035C1	3575783C1	1*	N71D	14	OR	3559035C1	3575783C1	1*	N71	14	OR	3559035C1	3575783C1	2	N56	14	OR	3559035C1	3575783C1	3	N57	14	OR	3559035C1	3575783C1	4	N68	14	BN	3559035C1	3575783C1	5#	N32A	18	TN	3509874C1	3509903C1	5*	N36A	18	TN	3509874C1	3509903C1	6*	N32	18	TN	3509874C1	3509903C1	6*	N70	14	OR	3553035C1	3575783C1	7#	N49	18	GY	3509874C1	3509903C1	8*#	N49A	18	GY	3509874C1	3509903C1	8*@	N49A	18	GY	3509874C1	3532128C1	9	N49-G	18	WH	3509874C1	3509903C1	10	PLUG	-	-	3532129C1	-	11*	N9F	18	GY	3509874C1	3509903C1	11*#	N9H	18	GY	3509874C1	3509903C1	12	N10-G	12	WH	3559035C1	3575783C1	13*	N94BE	16	GY	3559035C1	3509903C1	13*#	N94WL	16	GY	3559035C1	3509903C1	13*@	N94M(+)	18	GY	3509874C1	3532128C1	13*	N94LEA	16	GY	3553035C1	3575783C1	14*	N94BD	16	GY	3559035C1	3509903C1	14*#	N94WM	16	GY	3559035C1	3509903C1	14*@	N94M(-)	18	GY	3509874C1	3532128C1	14*	N94LDA	16	GY	3553035C1	3509903C1	15*	N94BH	16	GY	3559035C1	3509903C1	15*#	N94WS	14	GY	3559035C1	3575783C1	15*@	N94N(+)	18	GY	3509874C1	3532128C1	15*	N94RHA	16	GY	3553035C1	3509903C1	15&	N94N(+)	18	TN	3559035C1	3509903C1	16*	N94BF	16	GY	3559035C1	3509903C1	16*#	N94WT	14	GY	3559035C1	3575783C1	16*@	N94N(-)	18	GY	3509874C1	3532128C1	16*	N94RFA	16	GY	3559035C1	3509903C1	17*	N94BA	16	GY	3559035C1	3509903C1	17*#	N94WN	16	GY	3559035C1	3509903C1	17*	N94LAA	16	GY	3559035C1	3509903C1	18*	N94BB	16	GY	3559035C1	3509903C1	18*#	N94-G7	16	WH	3559035C1	3509903C1	18*	N94LBA	16	GY	3559035C1	3509903C1	19*	N94BC	16	GY	3559035C1	3509903C1	19*#	N94WR	16	GY	3559035C1	3509903C1	<table 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<tr><td>22#</td><td>N94WW</td><td>16</td><td>GY</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>22*</td><td>N94RLA</td><td>16</td><td>GY</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>23*</td><td>N94BN</td><td>16</td><td>GY</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>23#</td><td>N94WX</td><td>18</td><td>GY</td><td>3509874C1</td><td>3509903C1</td></tr> <tr><td>24*</td><td>N94BM</td><td>16</td><td>GY</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>24#</td><td>N94WZ</td><td>18</td><td>GY</td><td>3509874C1</td><td>3509903C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	19*	N94CA	16	GY	3559035C1	3509903C1	20*	N94BJ	16	GY	3559035C1	3509903C1	20*#	N94WU	16	GY	3559035C1	3509903C1	20*	N94RJA	16	GY	3559035C1	3509903C1	21*	N94BK	16	GY	3559035C1	3509903C1	21*#	N94-G6	16	WH	3559035C1	3509903C1	21*	N94RKA	16	GY	3559035C1	3509903C1	22*	N94BL	16	GY	3559035C1	3509903C1	22#	N94WW	16	GY	3559035C1	3509903C1	22*	N94RLA	16	GY	3559035C1	3509903C1	23*	N94BN	16	GY	3559035C1	3509903C1	23#	N94WX	18	GY	3509874C1	3509903C1	24*	N94BM	16	GY	3559035C1	3509903C1	24#	N94WZ	18	GY	3509874C1	3509903C1
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2	N56	14	OR	3559035C1	3575783C1																																																																																																																																																																																																																																																																																																																																																																							
3	N57	14	OR	3559035C1	3575783C1																																																																																																																																																																																																																																																																																																																																																																							
4	N68	14	BN	3559035C1	3575783C1																																																																																																																																																																																																																																																																																																																																																																							
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5*	N36A	18	TN	3509874C1	3509903C1																																																																																																																																																																																																																																																																																																																																																																							
6*	N32	18	TN	3509874C1	3509903C1																																																																																																																																																																																																																																																																																																																																																																							
6*	N70	14	OR	3553035C1	3575783C1																																																																																																																																																																																																																																																																																																																																																																							
7#	N49	18	GY	3509874C1	3509903C1																																																																																																																																																																																																																																																																																																																																																																							
8*#	N49A	18	GY	3509874C1	3509903C1																																																																																																																																																																																																																																																																																																																																																																							
8*@	N49A	18	GY	3509874C1	3532128C1																																																																																																																																																																																																																																																																																																																																																																							
9	N49-G	18	WH	3509874C1	3509903C1																																																																																																																																																																																																																																																																																																																																																																							
10	PLUG	-	-	3532129C1	-																																																																																																																																																																																																																																																																																																																																																																							
11*	N9F	18	GY	3509874C1	3509903C1																																																																																																																																																																																																																																																																																																																																																																							
11*#	N9H	18	GY	3509874C1	3509903C1																																																																																																																																																																																																																																																																																																																																																																							
12	N10-G	12	WH	3559035C1	3575783C1																																																																																																																																																																																																																																																																																																																																																																							
13*	N94BE	16	GY	3559035C1	3509903C1																																																																																																																																																																																																																																																																																																																																																																							
13*#	N94WL	16	GY	3559035C1	3509903C1																																																																																																																																																																																																																																																																																																																																																																							
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					* MUTUALLY EXCLUSIVE # W/ IBB ENGINE @ W/ CUMMINS ISB ENGINE *# WABCO AIR ABS W/WB 4300-4750 (4x2) OR WB 3900-4350 (6x4) AND MID CAB *@ WABCO MK25 HYDRAULIC ABS (WB=4250)(4X2)-MID CAB																																																																																																																																																																																																																																																																																																																																																																							
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Figure 1003 Connector Composites (9800)

14.25. CONNECTOR COMPOSITES (9801), (9801A), (9801B / *9801C / *9801D / *9801E), (9803 / *9803A / *9803B / *9803C), (9809), P. 24A

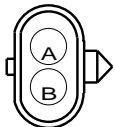
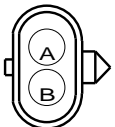
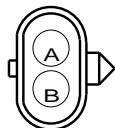
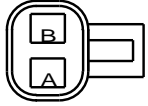

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 14																																							
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<p>FUEL HEATER (9801) (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)</p>  <p>CONNECTOR 0587567C91</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N19</td> <td>16</td> <td>GY</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N19-G</td> <td>16</td> <td>WH</td> <td>0587577C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p>W/ DURASTAR</p>						CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	N19	16	GY	0587577C1	1652325C1	B	N19-G	16	WH	0587577C1	1652325C1	<p>FUEL HEATER (9801A) (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)</p>  <p>CONNECTOR 0587567C91</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N19</td> <td>16</td> <td>GY</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N19-G</td> <td>16</td> <td>WH</td> <td>0587577C1</td> <td>1652325C1</td> </tr> </tbody> </table>						CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	N19	16	GY	0587577C1	1652325C1	B	N19-G	16	WH	0587577C1	1652325C1
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																										
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A	N19	16	GY	0587577C1	1652325C1																																										
B	N19-G	16	WH	0587577C1	1652325C1																																										
<p>LEFT UC FUEL HEATER/DAVCO FUEL HEATER BOC/ DAVCO FUEL HEATER UC/DAVCO FUEL HEATER BOC LSM/ (9801B/*9801C/*9801D/*9801E/*9801E) (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)</p>  <p>CONNECTOR 0587567C91</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N19</td> <td>16</td> <td>GY</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N19-G</td> <td>16</td> <td>WH</td> <td>0587577C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p>* W/ F-2013-ISL-ENG</p>						CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	N19	16	GY	0587577C1	1652325C1	B	N19-G	16	WH	0587577C1	1652325C1	<p>RACOLD FUEL HEATER BOC LSM/ RACOR FUEL HEATE BOC (9803/*9803A/*9803B/*9803C) (LOCATED INSIDE LEFT FRAME RAIL BACK OF CAB)</p>  <p>CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N19</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N19-G</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p>* W/ F-2013-ISL-ENG</p>						CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	N19	16	GY	2033819C1	1652325C1	B	N19-G	16	WH	2033819C1	1652325C1
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																										
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B	N19-G	16	WH	2033819C1	1652325C1																																										
<p>IDLE CONTROL TEMP SENDER (9809) (LOCATED NEAR FRONT BUMPER)</p>  <p>CONNECTOR 3518183C1 BODY LOCK 3518287C1</p> <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>N41</td> <td>16</td> <td>TN</td> <td>3626031C1</td> </tr> <tr> <td>2</td> <td>N41-G</td> <td>16</td> <td>TN</td> <td>3626031C1</td> </tr> </tbody> </table> <p>W/ TRANSTAR</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	N41	16	TN	3626031C1	2	N41-G	16	TN	3626031C1																											
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MJV0432	16 AUG 16	REVISED AND REDRAWN.	B	93614H	23136977	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																									
					RELEASE NO.	DATE	PART NO.	SHEET																																							
					92927M	03 MAR 15	AE08079252	24A																																							

Figure 1004 (9801), (9801A), (9801B / *9801C / *9801D / *9801E), (9803 / *9803A / *9803B / *9803C), (9809)

14.26. CONNECTOR COMPOSITES (9810), (9811), (9812), (9814), (9814A), (9815), (9815A), (9820F), (9820M), (9824), P. 25


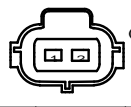

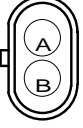
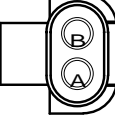
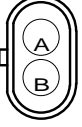
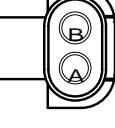
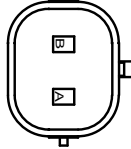


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 <p> IDLE CONTROL TEMP SENDER (9810) (LOCATED NEAR FRONT BUMPER) CONNECTOR 3518182C1 W/ TRANSTAR BODY LOCK 3518184C1 </p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N41</td> <td>16</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>2</td> <td>N41-G</td> <td>16</td> <td>TN</td> <td>3518963C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	N41	16	TN	3518963C1	2	N41-G	16	TN	3518963C1	 <p> FORWARD REAR AXLE TEMP SENDER (9811) (LOCATED ON LEFT FRAME RAIL BY FORWARD REAR AXLE) * MUTUALLY EXCLUSIVE CONNECTOR 3536864C1 </p> <table border="1"> <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>R32A</td> <td>18</td> <td>TN</td> <td>3536865C1</td> <td>3536868C1</td> </tr> <tr> <td>1</td> <td>R32</td> <td>18</td> <td>TN</td> <td>3536865C1</td> <td>3536868C1</td> </tr> <tr> <td>2</td> <td>R9C</td> <td>18</td> <td>GY</td> <td>3536865C1</td> <td>3536868C1</td> </tr> <tr> <td>2*</td> <td>R9A</td> <td>18</td> <td>GY</td> <td>3536865C1</td> <td>3536868C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1*	R32A	18	TN	3536865C1	3536868C1	1	R32	18	TN	3536865C1	3536868C1	2	R9C	18	GY	3536865C1	3536868C1	2*	R9A	18	GY	3536865C1	3536868C1
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2	R9C	18	GY	3536865C1	3536868C1																																															
2*	R9A	18	GY	3536865C1	3536868C1																																															
 <p> REAR AXLE TEMP SENDER (9812) (LOCATED ON LEFT FRAME RAIL BY REAR REAR AXLE) * MUTUALLY EXCLUSIVE CONNECTOR 3536864C1 </p> <table border="1"> <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>R32</td> <td>18</td> <td>TN</td> <td>3536865C1</td> <td>3536868C1</td> </tr> <tr> <td>2*</td> <td>R9</td> <td>18</td> <td>GY</td> <td>3536865C1</td> <td>3536868C1</td> </tr> <tr> <td>2*</td> <td>R9C</td> <td>18</td> <td>GY</td> <td>3536865C1</td> <td>3536868C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	R32	18	TN	3536865C1	3536868C1	2*	R9	18	GY	3536865C1	3536868C1	2*	R9C	18	GY	3536865C1	3536868C1	 <p> FRONT REAR AXLE DIFF LOCK (9814) WARNING LIGHT (LOCATED ON FRONT OF FORWARD REAR AXLE) CONNECTOR 0587567C91 </p> <table border="1"> <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>R49</td> <td>18</td> <td>GY</td> <td>0587578C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R49-G</td> <td>18</td> <td>WH</td> <td>0587578C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R49	18	GY	0587578C1	1652325C1	B	R49-G	18	WH	0587578C1	1652325C1			
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1	R32	18	TN	3536865C1	3536868C1																																															
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 <p> REAR AXLE MERITOR LOCK WARN LIGHT (9814A) (LOCATED IN CHASSIS) CONNECTOR 3593684C91 </p> <table border="1"> <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>R49</td> <td>18</td> <td>WH</td> <td>0587578C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R49-G</td> <td>18</td> <td>WH</td> <td>0587578C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R49	18	WH	0587578C1	1652325C1	B	R49-G	18	WH	0587578C1	1652325C1	 <p> REAR REAR AXLE DIFF LOCK WARNING LIGHT (9815) (LOCATED ON FRONT OF REAR REAR AXLE) CONNECTOR 0587567C91 </p> <table border="1"> <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>R49A</td> <td>18</td> <td>GY</td> <td>0587578C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R49-GA</td> <td>18</td> <td>WH</td> <td>0587578C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R49A	18	GY	0587578C1	1652325C1	B	R49-GA	18	WH	0587578C1	1652325C1									
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 <p> RR AXLE DIFF MERITOR WARN LIGHT (9815A) (LOCATED IN CHASSIS) CONNECTOR 3593684C91 </p> <table border="1"> <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>R49A</td> <td>18</td> <td>WH</td> <td>0587578C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R49-GA</td> <td>18</td> <td>WH</td> <td>0587578C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R49A	18	WH	0587578C1	1652325C1	B	R49-GA	18	WH	0587578C1	1652325C1	 <p> LIFT AXLE (9820F) (LOCATED BACK OF CAB FOR AUX TRAILER SOCKET INTERCONNECT) CONNECTOR 3543888C1 BODY LOCK 1661874C1 </p> <table border="1"> <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>R59DC</td> <td>18</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>R59DD</td> <td>18</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R59DC	18	GY	1667742C1	1661872C1	B	R59DD	18	GY	1667742C1	1661872C1									
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 <p> LIFT AXLE (9820M) (LOCATED BACK OF CAB FOR AUX TRAILER SOCKET INTERCONNECT) CONNECTOR 1661778C1 BODY LOCK 1661874C1 </p> <table border="1"> <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>N59ED</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B*</td> <td>N59-GD</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B*</td> <td>N59-GA</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> <p>* MUTUALLY EXCLUSIVE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N59ED	18	GY	1661875C1	1661872C1	B*	N59-GD	18	WH	1661875C1	1661872C1	B*	N59-GA	18	WH	1661875C1	1661872C1	 <p> TAG AXLE (9824) (LOCATED BACK OF CAB) CONNECTOR 1661778C1 BODY LOCK 1661874C1 </p> <table border="1"> <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>R59DC</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>R59DD</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R59DC	18	GY	1661875C1	1661872C1	B	R59DD	18	GY	1661875C1	1661872C1			
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																														
0488	24MAR15	INITIAL RELEASE.	A	92927M	23136977	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																														
					RELEASE NO.	DATE	PART NO.	SHEET																																												
					92927M	28JAN15	AE08079252	025																																												

Figure 1005 Connector Composites (9810), (9811), (9812), (9814), (9814A), (9815), (9815A), (9820F), (9820M), (9824)

14.27. CONNECTOR COMPOSITES (9830), (9832), (9865M), (9865MA), (9900), (9900A), (9900AC), P. 26

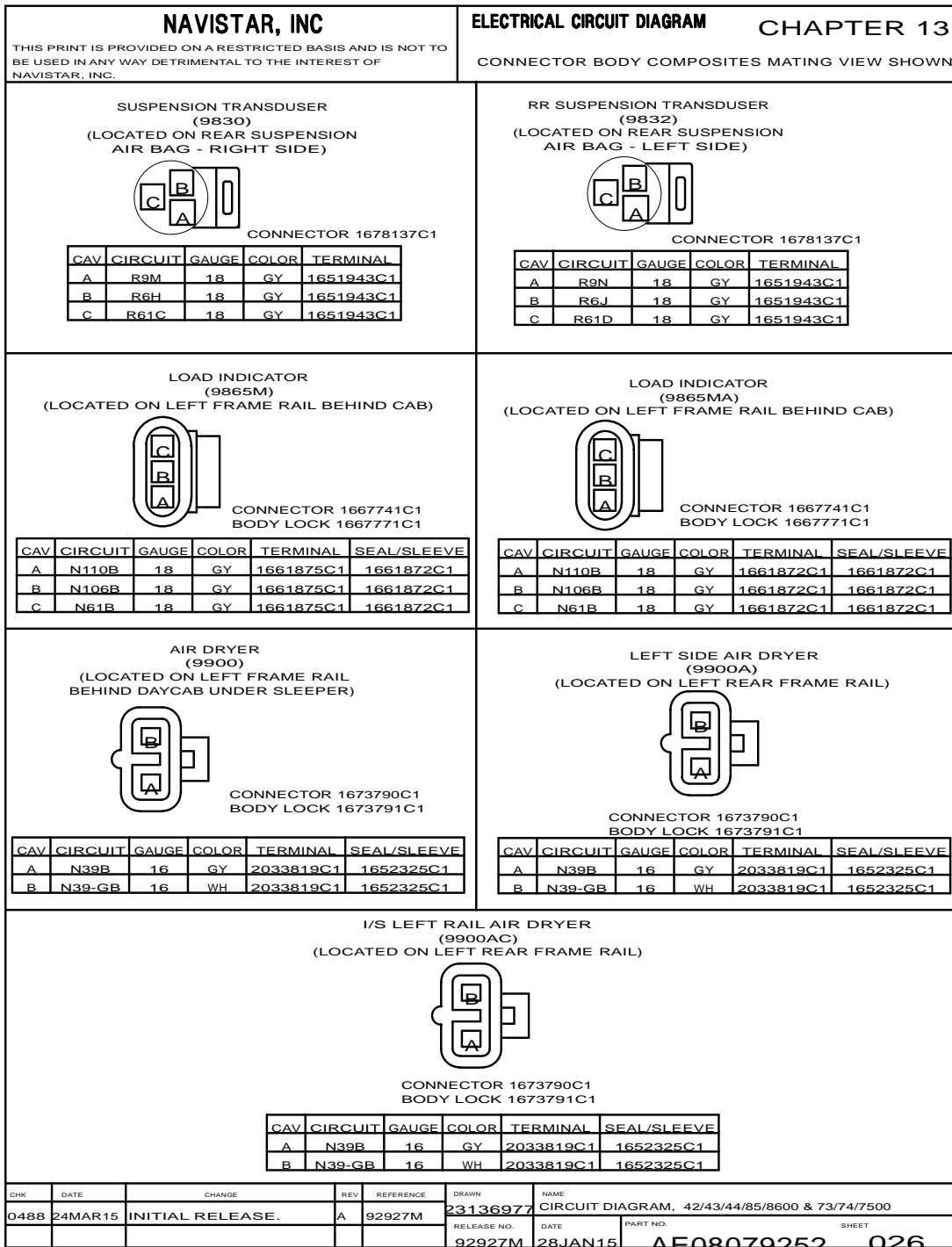


Figure 1006 Connector Composites (9830), (9832), (9865M), (9865MA), (9900), (9900A), (9900AC)

14.28. CONNECTOR COMPOSITES (9900AD), (9900AE), (9900AJ), (9900AP), (9900AQ), (9900AR), P. 27

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN							
I/S LEFT RAIL AIR DRYER (9900AD) (LOCATED ON LEFT REAR FRAME RAIL)						O/S LEFT RAIL AIR DRYER (9900AE) (LOCATED ON LEFT REAR FRAME RAIL)					
CONNECTOR 1673790C1 BODY LOCK 1673791C1						CONNECTOR 1673790C1 BODY LOCK 1673791C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N39B	16	GY	2033819C1	1652325C1	A	N39B	16	WH	2033819C1	1652325C1
B	N39-GB	16	WH	2033819C1	1652325C1	B	N39-GB	16	GY	2033819C1	1652325C1
O/S RIGHT RAIL AIR DRYER (9900AJ) (LOCATED ON LEFT REAR FRAME RAIL)						O/S RIGHT RAIL AIR DRYER (9900AP) (LOCATED ON LEFT REAR FRAME RAIL)					
CONNECTOR 1673790C1 BODY LOCK 1673791C1						CONNECTOR 1673790C1 BODY LOCK 1673791C1					
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV
A	N39B	16	GY	2033819C1	1652325C1	A	N39B	16	GY	2033819C1	1652325C1
B	N39-GB	16	WH	2033819C1	1652325C1	B	N39-GB	16	WH	2033819C1	1652325C1
LEFT RAIL AIR DRYER (9900AQ) (LOCATED ON LEFT REAR FRAME RAIL)						LEFT RAIL AIR DRYER (9900AR) (LOCATED ON LEFT REAR FRAME RAIL)					
CONNECTOR 1673790C1 BODY LOCK 1673791C1						CONNECTOR 1673790C1 BODY LOCK 1673791C1					
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV
A	N39B	16	GY	2033819C1	1652325C1	A	N39B	16	GY	2033819C1	1652325C1
B	N39-GB	16	WH	2033819C1	1652325C1	B	N39-GB	16	WH	2033819C1	1652325C1
CHK	DATE	CHANGE		REV	REFERENCE	DRAWN	NAME				
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						RELEASE NO.	DATE	PART NO.	SHEET		
						92927M	28JAN15	AE08079252	027		

Figure 1007 Connector Composites (9900AD), (9900AE), (9900AJ), (9900AP), (9900AQ), (9900AR)

14.29. CONNECTOR COMPOSITES (9900C), (9900C1), (9900C2), (9900D), (9900E), P. 28

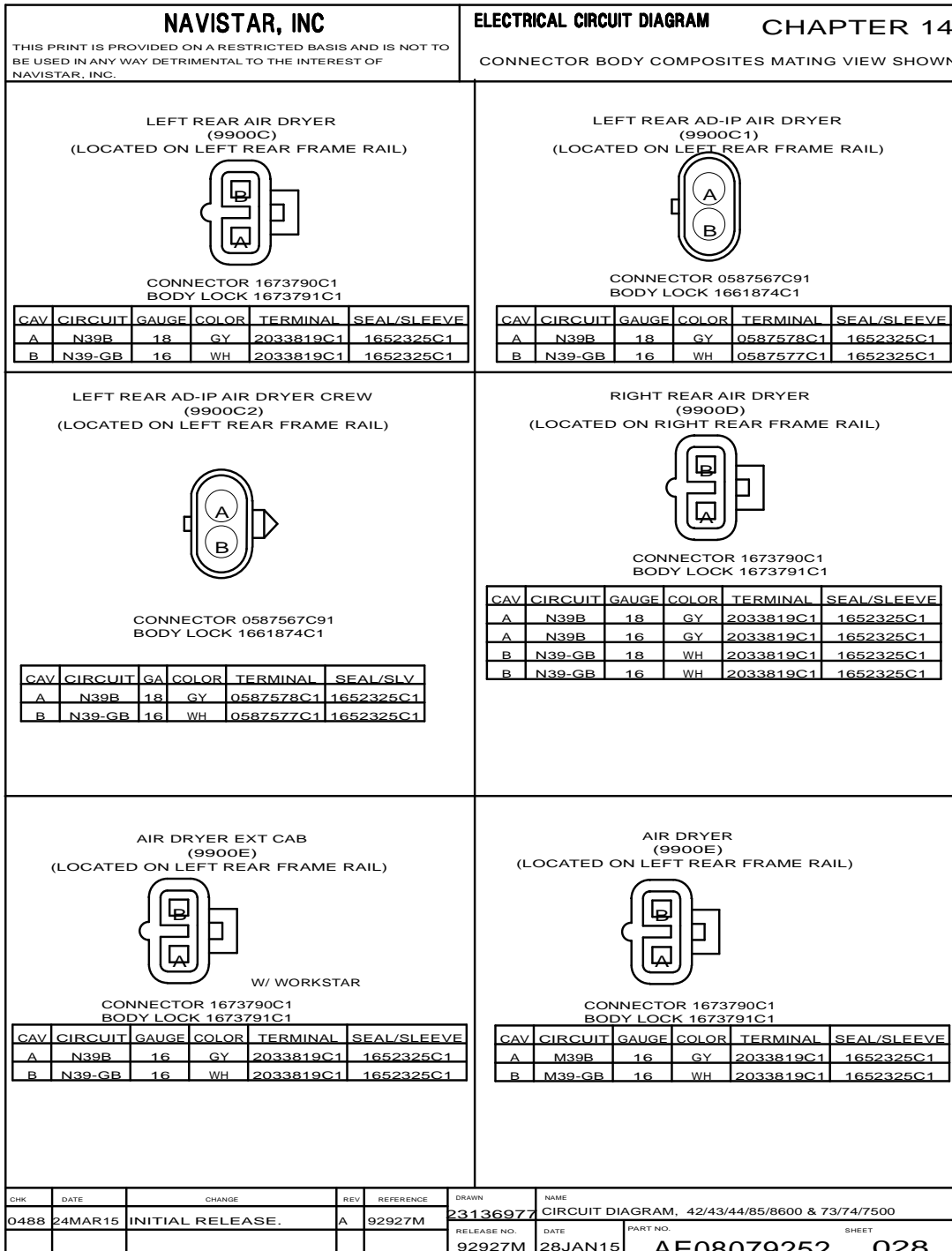


Figure 1008 Connector Composites (9900C), (9900C1), (9900C2), (9900D), (9900E)

14.30. CONNECTOR COMPOSITES (9900G), (9911), (9913B), P. 29

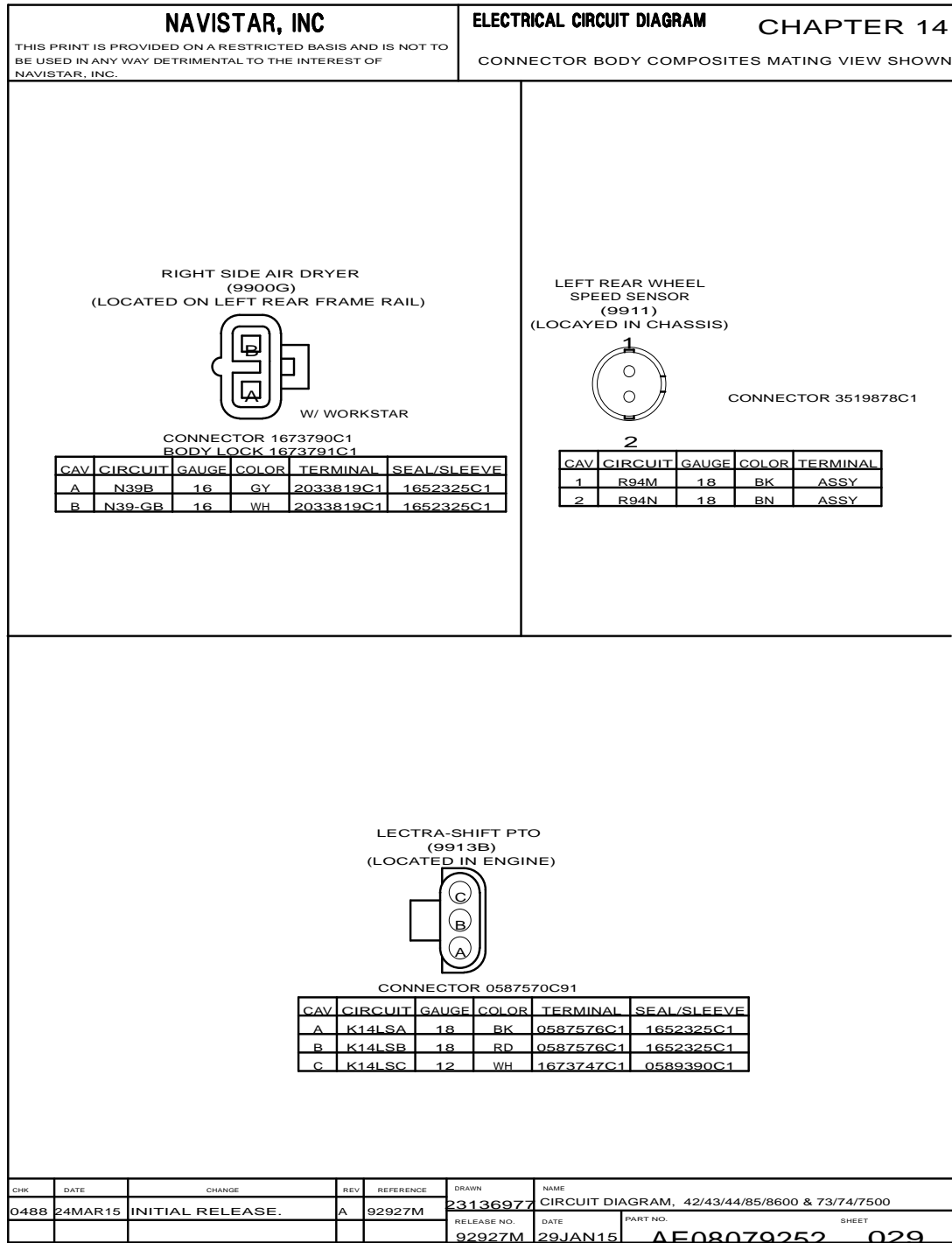


Figure 1009 Connector Composites (9900G), (9911), (9913B)

14.31. CONNECTOR COMPOSITES (9915), (9916), (9917), (9920), (9921), P. 30

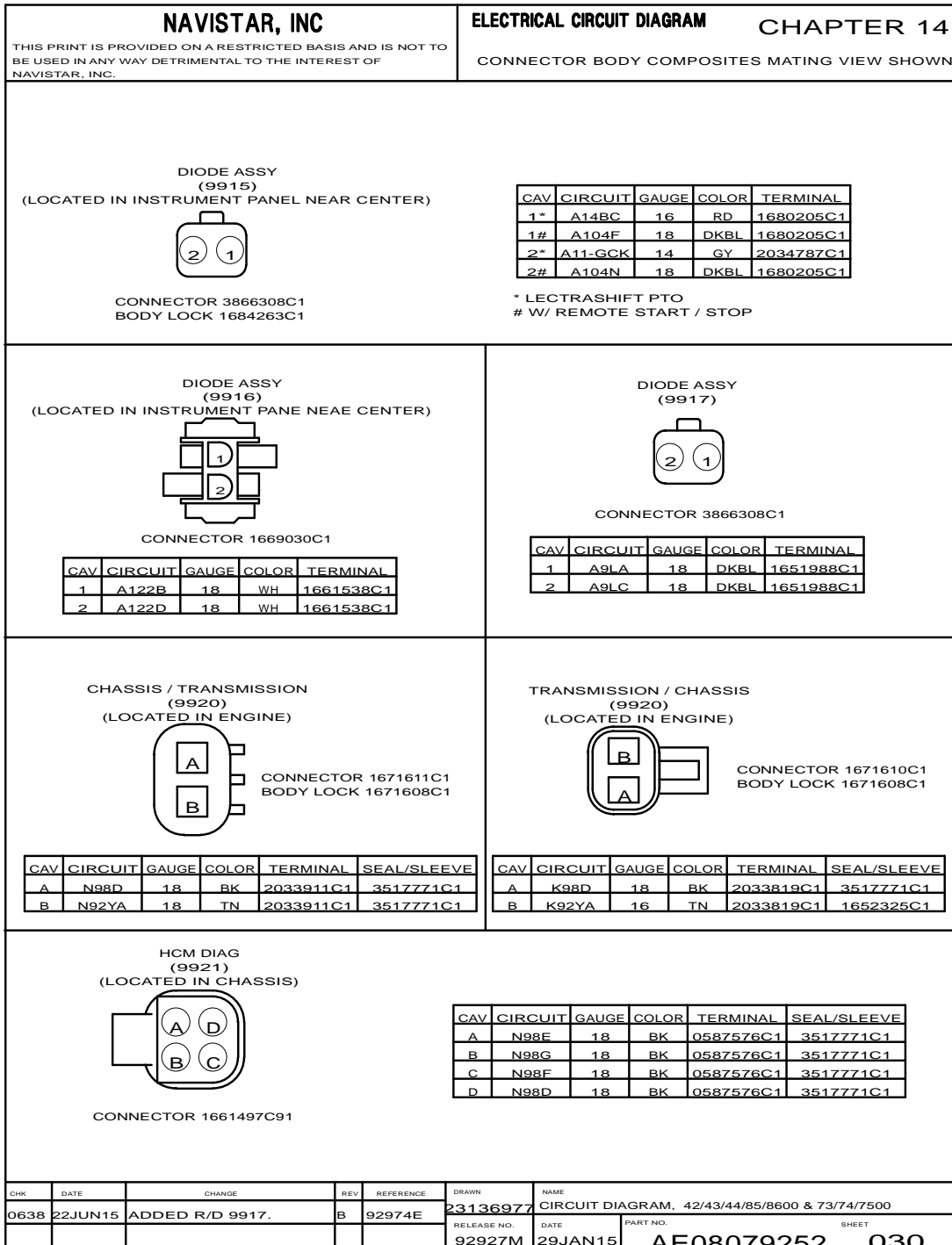


Figure 1010 Connector Composites (9915), (9916), (9917), (9920), (9921)

14.32. CONNECTOR COMPOSITES (9930), (*9932M), (9965M), (9989), P. 31

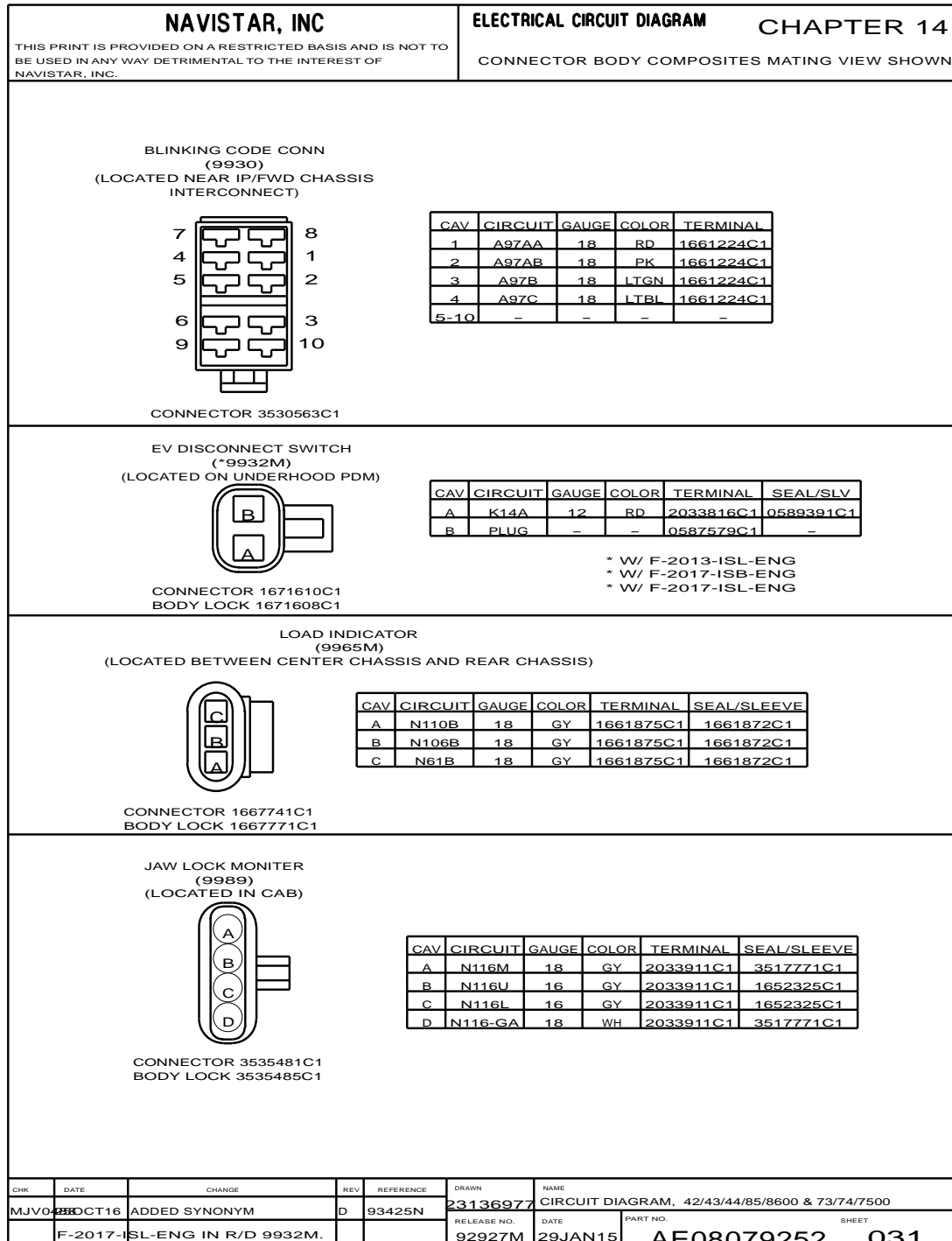


Figure 1011 Connector Composites (9930), (*9932M), (9965M), (9989)