

Chassis Electrical Circuit Diagrams

IC Bus® RE Series – Built September 2017 and After
Engine Family: Cummins® L9

IC Bus, LLC

2701 Navistar Drive, Lisle, IL 60532 USA

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INSTRUCTIONS AND CHARTS (CHAPTER 2)

2.1. ABBREVIATIONS, P. 1

NAVISTAR, INC

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

ELECTRICAL CIRCUIT DIAGRAM

ABBREVIATIONS

CHAPTER 2

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

CHK

DATE

CHANGE

REV

REFERENCE

DRAWN

NAME

MJV0863

23 JUN 17

INITIAL RELEASE.

A

93784R

MJV0863

CIRCUIT DIAGRAM, RE BUS - CHASSIS

RELEASE NO.

DATE

PART NO.

SHEET

93784R

20MAR17

AE08085133

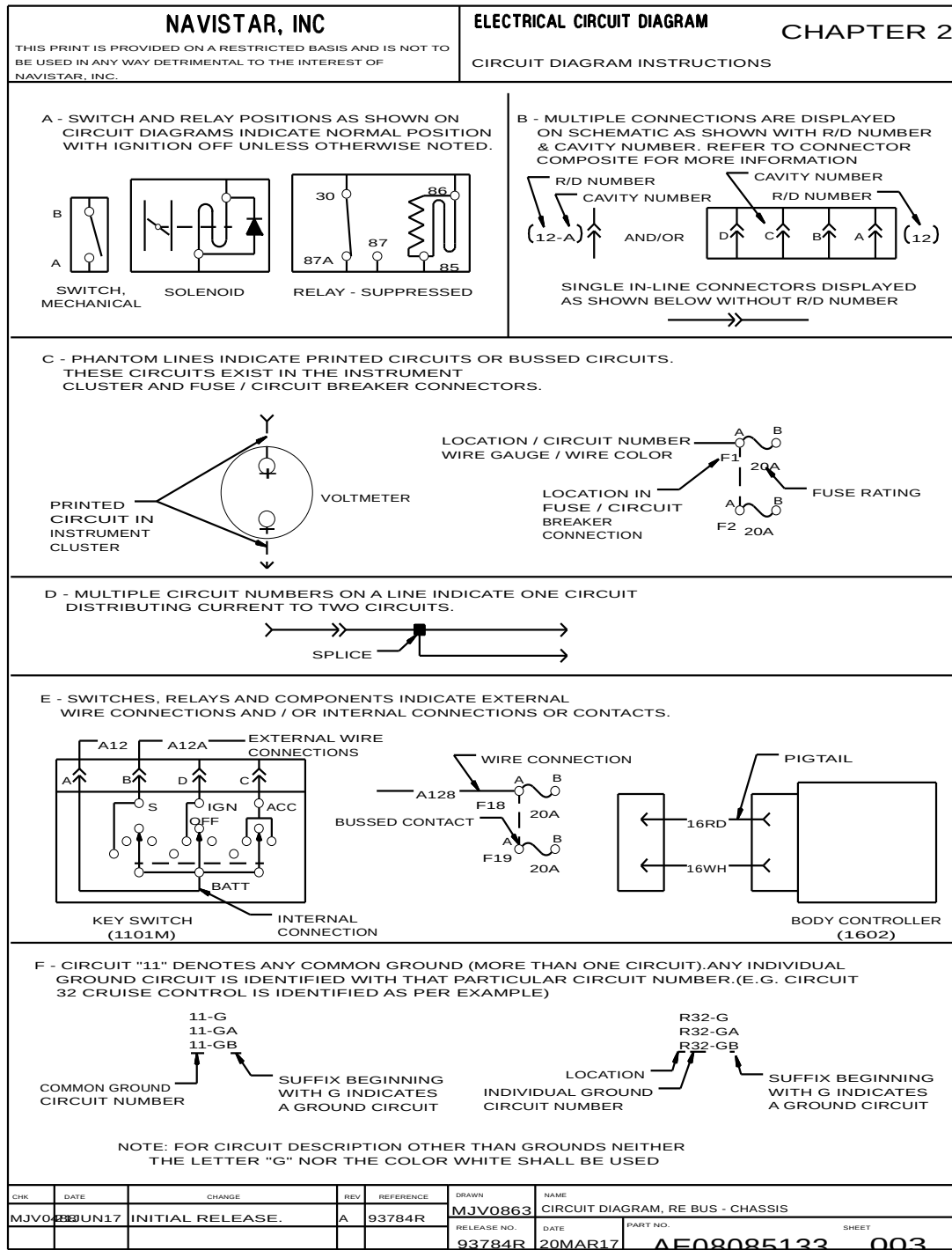
001

Figure 1 Abbreviations

2.2. ACRONYMS, P. 2

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 2			
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2.3. CIRCUIT DIAGRAM INSTRUCTIONS, P. 3



2.4. CIRCUIT NUMBER IDENTIFICATION AND COLOR, P. 4

NAVISTAR, INC				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

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 2	
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Figure 5 Circuit Number Identification and Color (Cont.)

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

NAVISTAR, INC			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					
89		OR	PUPIL WARNING LIGHTS					
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					
113		YL	BLACKOUT LIGHT					
114		YL	INFRARED LIGHTS					
115		LTGN	WINCH					
116		GY	FIFTH WHEEL					
117		GY	EMERGENCY EXIT - REAR DOOR - REAR OVAL WINDOW					
118		LTBL	NOISE SUPPRESSION - SOLENOID					
119		GY	STOP ARM / CROSSING GATE					
120		LTGN	DOOR CONTROL					
121		YL	ENGINE COMPARTMENT LIGHT					
122		GY	WHEEL CHAIR LIFT					
123		GY	FLASHER SYSTEM CONTROL					
124		LTGN	SPARE WIRE					
125		GY	POST TRIP INSPECTION - CRS / CHECK MATE / BUS SCAN					
126		GY	EMERGENCY EXIT - WINDOWS					
127		OR	STROBE LIGHT					

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
MJV0	03 JUN 17	INITIAL RELEASE.	A	93784R	MJV0863	CIRCUIT DIAGRAM, RE BUS - CHASSIS	
					RELEASE NO.	DATE	PART NO.
					93784R	20MAR17	AE08085133
							SHEET 006

Figure 6 Circuit Number Identification and Color (Cont.)

2.7. CIRCUIT NUMBER IDENTIFICATION AND COLOR (CONT.), P. 7

NAVISTAR, INC		ELECTRICAL CIRCUIT DIAGRAM	CHAPTER 2																																																																																																
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.		CIRCUIT NUMBER IDENTIFICATION AND COLOR (CONT)																																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse; margin-top: 20px;"><thead><tr><th style="width: 15%;">CIRCUIT NUMBER</th><th style="width: 15%;">COLOR</th><th style="width: 70%;">DESCRIPTION</th></tr></thead><tbody><tr><td>128</td><td>LTBL</td><td>LIGHT MONITOR</td></tr><tr><td>129</td><td>GY</td><td>EMERGENCY EXIT - ROOF HATCH</td></tr><tr><td>130</td><td>GY</td><td>EMERGENCY EXIT - SIDE EMERGENCY DOOR</td></tr><tr><td>131</td><td>DKBL</td><td>STEP LIGHT / SKIRT LIGHT</td></tr><tr><td>132</td><td>GY</td><td>STEP HEATER</td></tr><tr><td>133</td><td>LTGN</td><td>VANDAL LOCK - STARTER INTERRUPT</td></tr><tr><td>134</td><td>OR</td><td>DESTINATION SIGN</td></tr><tr><td>135</td><td>OR</td><td>LUGGAGE BOX LIGHT</td></tr><tr><td>136</td><td>YL</td><td>ELECTRICAL PANEL LIGHT</td></tr><tr><td>137</td><td>LTBL</td><td>CAMERA</td></tr><tr><td>138</td><td>GY</td><td>TIRE TRACTION ASSIST</td></tr><tr><td>139</td><td>YL</td><td>PEDESTRAIN LIGHT</td></tr><tr><td>140</td><td>TN</td><td>BATTERY ISOLATOR</td></tr><tr><td>141</td><td>LTGN</td><td>PASSENGER PULL SWITCH</td></tr><tr><td>142</td><td>LTGN</td><td>TWO - WAY RADIO</td></tr><tr><td>143</td><td>DKBL</td><td>3" RED LT - K/O WDW, SED, FR OR RR BULKHEAD</td></tr><tr><td>144</td><td>GY</td><td>FIRST SUPPRESSION SYSTEM</td></tr></tbody></table> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 20px;"><thead><tr><th style="width: 10%;">PREFIX</th><th style="width: 90%;">LOCATION</th></tr></thead><tbody><tr><td>A</td><td>BUS - PLATFORM</td></tr><tr><td>B</td><td>BUS - ELECTRIC ACCESS PANEL</td></tr><tr><td>C</td><td>BUS - FRONT CAP</td></tr><tr><td>D</td><td>BUS - REAR CAP</td></tr><tr><td>E</td><td>BUS - LEFT BODY</td></tr><tr><td>F</td><td>BUS - RIGHT BODY</td></tr><tr><td>H</td><td>BUS BODY AUXILIARY HEATER</td></tr><tr><td>J</td><td>CAB - DASH (OUTSIDE)</td></tr><tr><td>K</td><td>ENGINE / RADIATOR</td></tr><tr><td>L</td><td>TRANSMISSION</td></tr><tr><td>M</td><td>CHASSIS / FRONT END (CAB DASH PANEL FORWARD)</td></tr><tr><td>N</td><td>CHASSIS / CENTER SECTION (CAB DASH PANEL TO CAB REAR XMBR)</td></tr><tr><td>P</td><td>CHASSIS / WHEEL BASE SECTION</td></tr><tr><td>R</td><td>CHASSIS / SUSPENSION / REAR AXLE / AXLES</td></tr><tr><td>S</td><td>CHASSIS / AF SECTION / STOP / TAIL / TURN LIGHTS</td></tr><tr><td>T</td><td>TRAVEL DOORS</td></tr><tr><td>U</td><td>HOOD MTD HEADLIGHTS / MARKER LIGHTS</td></tr><tr><td>V</td><td>SLEEPER ROOF / BACK PANEL WIRING</td></tr><tr><td>W</td><td>WARDROBE CABINET WIRING</td></tr><tr><td>Y</td><td>BUS - FRONT END / SEALD ENGINE HARNESS</td></tr></tbody></table>				CIRCUIT NUMBER	COLOR	DESCRIPTION	128	LTBL	LIGHT MONITOR	129	GY	EMERGENCY EXIT - ROOF HATCH	130	GY	EMERGENCY EXIT - SIDE EMERGENCY DOOR	131	DKBL	STEP LIGHT / SKIRT LIGHT	132	GY	STEP HEATER	133	LTGN	VANDAL LOCK - STARTER INTERRUPT	134	OR	DESTINATION SIGN	135	OR	LUGGAGE BOX LIGHT	136	YL	ELECTRICAL PANEL LIGHT	137	LTBL	CAMERA	138	GY	TIRE TRACTION ASSIST	139	YL	PEDESTRAIN LIGHT	140	TN	BATTERY ISOLATOR	141	LTGN	PASSENGER PULL SWITCH	142	LTGN	TWO - WAY RADIO	143	DKBL	3" RED LT - K/O WDW, SED, FR OR RR BULKHEAD	144	GY	FIRST SUPPRESSION SYSTEM	PREFIX	LOCATION	A	BUS - PLATFORM	B	BUS - ELECTRIC ACCESS PANEL	C	BUS - FRONT CAP	D	BUS - REAR CAP	E	BUS - LEFT BODY	F	BUS - RIGHT BODY	H	BUS BODY AUXILIARY HEATER	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	Y	BUS - FRONT END / SEALD ENGINE HARNESS
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Figure 7 Circuit Number Identification and Color (Cont.)

2.8. LAMP BULB CHART, P. 8

NAVISTAR, INC

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ELECTRICAL CIRCUIT DIAGRAM

LAMP BULB CHART

CHAPTER 2

BULB APPLICATION	CANDLE POWER OR WATT	BULB TRADE NUMBER
BACK-UP LIGHT	32 CP	GE1156
CLEARANCE & IDENTIFICATION	3 CP	GE168
COURTESY LIGHT	21 CP	1142
DOME LIGHTS	21 CP	1142
FOG LIGHT	100 WATT	4921-1
LOW BEAMS	55 WATT	GE9007
HIGH BEAMS	65 WATT	GE9007
CIGAR LIGHTER	1 CP	1455
GAUGE BACKLIGHT	2 CP	194
GAUGE WARNING LED (RED)	2 CP	194
COLD AMBIENT PROTECTION LED (RED)	2 CP	194
FUEL FILTER LED (YELLOW)	2 CP	194
WARN ENGINE LED (YELLOW)	2 CP	194
STOP ENGINE LED (RED)	2 CP	194
BRAKE PRESSURE LED	2 CP	194
CHECK TRANSMISSION LED	2 CP	194
TRAILER ABS LED	2 CP	194
LEFT TURN SIGNAL LED (GREEN)	2 CP	194
TRACTION CONTROL LED (GREEN)	2 CP	194
WATER IN FUEL LED (YELLOW)	2 CP	194
PARK FLUID LED (RED)	2 CP	194
CHECK ELECTRICAL SYSTEM LED (YELLOW)	2 CP	194
PARK BRAKE LED (RED)	2 CP	194
CRUISE CONTROL ACTIVE LED (YELLOW)	2 CP	194
ANTILOCK BRAKING SYSTEM LED (YELLOW)	2 CP	194
RIGHT TURN LED (GREEN)	2 CP	194
COOLANT LEVEL LED (RED)	2 CP	194
SEAT BELT LED (RED)	2 CP	194
HIGH BEAM ICON LED (BLUE)	2 CP	194
CHECK AIR CONDITIONER LED (YELLOW)	2 CP	82S272109-4
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
BACK-UP LIGHTS-UPPER AND LOWER BUNK READING LIGHT	15 CP	1003
UNDER BUNK LIGHT	21 CP / 2 (12CP)	577 / 211
DOME LIGHT	15 WATT	F15T8-CW
HEATER AND AIR CONDITIONER CONTROL	3 CP	168
LUGGAGE COMPARTMENT LIGHT	6 CP	99
READING LIGHT	15 CP	1003

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
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					RELEASE NO.	DATE
					93784R	20MAR17
						PART NO.
						AE08085133
						SHEET
						008

Figure 8 Lamp Bulb Chart

2.9. RELAY FUNCTION AND WIRING GUIDE, P. 9

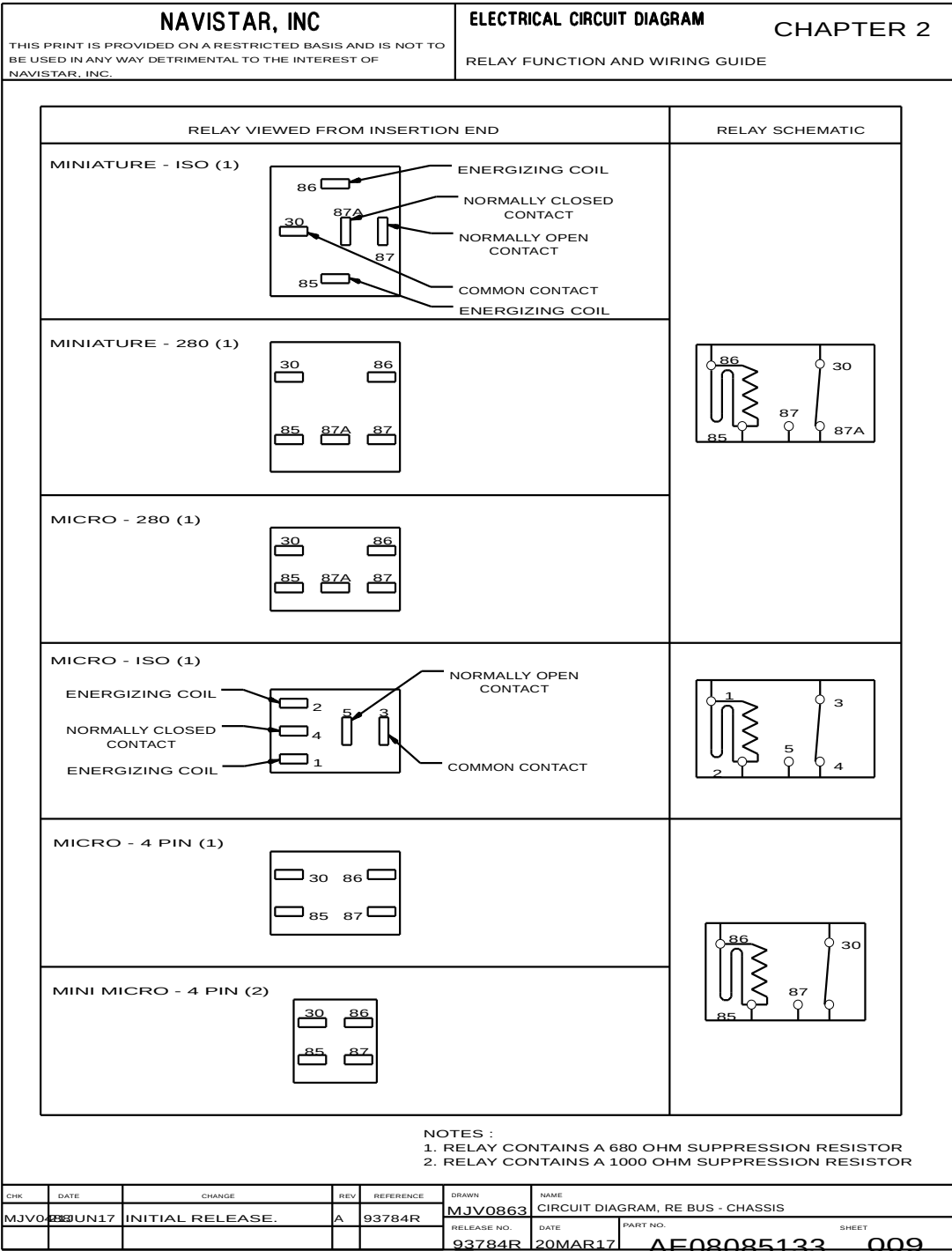


Figure 9 Relay Function and Wiring Guide

2.10. SCHEMATIC SYMBOL CHART, P. 10

NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM			CHAPTER 2	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					SCHEMATIC SYMBOL CHART				
SYMBOL					DESCRIPTION				
					AIR DRYER				
					ALARM				
					ALTERNATOR				
					AMMETER				
					BATTERY				
					BLUNT CUT CIRCUIT				
					BUSBAR				
SYMBOL					DESCRIPTION				
					CIGAR LIGHTER				
					CIRCUIT BREAKER				
					DIODE				
					DIODE, LIGHT EMITTING				
					FAN SOLENOID				
					FEMALE TERMINAL				
					FUSE				
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME			
MJV0	20JUN17	INITIAL RELEASE.	A	93784R	MJV0863	CIRCUIT DIAGRAM, RE BUS - CHASSIS			
					RELEASE NO.	DATE	PART NO.	SHEET	
					93784R	20MAR17	AE08085133	010	

Figure 10 Schematic Symbol Chart

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

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

Figure 11 Schematic Symbol Chart (Cont.)

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

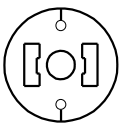
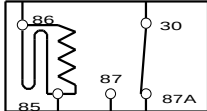
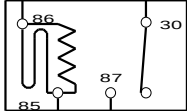
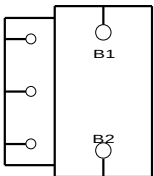
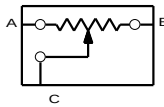
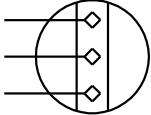
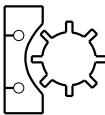
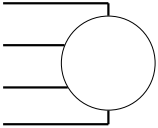
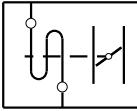
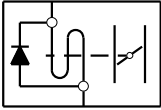
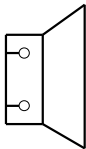
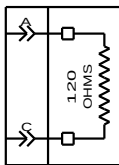
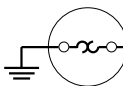
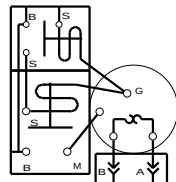
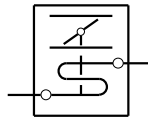
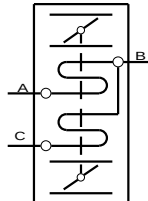
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 2	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					SCHEMATIC SYMBOL CHART (CONT)			
SYMBOL					DESCRIPTION			
					MALE TERMINAL			
					MOTOR			
					PASS THRU CONNECTION			
					PRESSURE SWITCH			
					RELAY, FIVE TERMINAL			
					RELAY, FOUR TERMINAL			
					RELAY, LATCHING			
SYMBOL					DESCRIPTION			
					RESISTOR			
					SENDER - FUEL, OIL, TEMP, WATER			
					SENSOR, PRESSURE. ABS 6			
					SENSOR, MAGNETIC			
					SENSOR, YAW			
					SOLENOID			
					SOLENOID W/ DIODE			
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
MJV0863	23JUN17	INITIAL RELEASE.	A	93784R	MJV0863	CIRCUIT DIAGRAM, RE BUS - CHASSIS		
					RELEASE NO.	DATE	PART NO.	SHEET
					93784R	20MAR17	AE08085133	012

Figure 12 Schematic Symbol Chart (Cont.)

2.13. SCHEMATIC SYMBOL CHART (CONT.), P. 13

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

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME				
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					RELEASE NO.	DATE	PART NO.	SHEET		
					93784R	20MAR17	AE08085133	013		

Figure 13 Schematic Symbol Chart (Cont.)

2.14. SCHEMATIC SYMBOL CHART (CONT.), P. 14

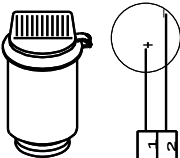
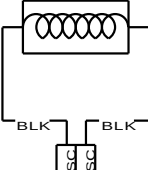
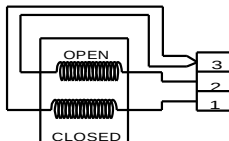
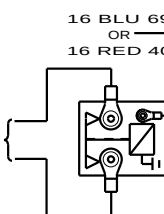
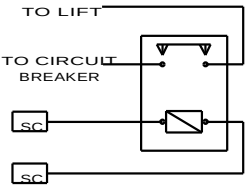
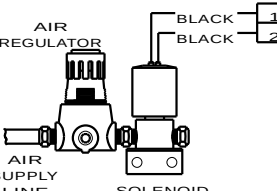
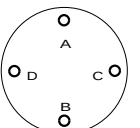
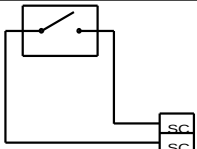
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 2									
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					SCHEMATIC SYMBOL CHART (CONT)														
SYMBOL					DESCRIPTION					SYMBOL					DESCRIPTION				
					DC OUTLET										AIR DUMP VALVE				
					AIR DOOR CYLINDER										MASTER DISCONNECT				
					LIFT SOLENOID										AIR REGULATOR AND SOLENOID				
					HEATED WIPER BLADES										BACK-UP ALARM				
					REVERSING KEY SWITCH CENTER POSITION "OFF"														
					FOOT SWITCH FOR AIR HORN														
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME													
MJV0863	20MAR17	INITIAL RELEASE.	A	93784R	MJV0863	CIRCUIT DIAGRAM, RE BUS - CHASSIS													
					RELEASE NO.	DATE	PART NO.	SHEET											
					93784R	20MAR17	AE08085133	014											

Figure 14 Schematic Symbol Chart (Cont.)

2.15. SCHEMATIC SYMBOL CHART (CONT.), P. 15

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

2.16. SCHEMATIC SYMBOL CHART (CONT.), P. 16

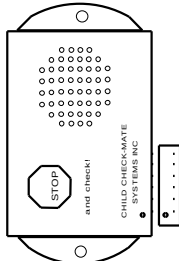
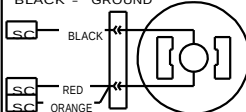
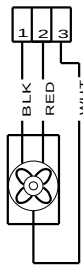
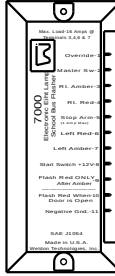
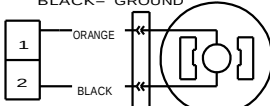
NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 2

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SCHEMATIC SYMBOL CHART (CONT)

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CHILD CHECK MATE		STEP / DEFROST HEATER MOTOR
	DRIVER'S HEATER MOTOR		ELECTRONIC EIGHT LAMP SCHOOL BUS FLASHER
			ELECTRONIC LIGHTING SPECIALTIES, INC.
			BOOSTER PUMP MOTOR

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	PART NO.	SHEET
MJV0863	20JUN17	INITIAL RELEASE.	A	93784R	MJV0863	CIRCUIT DIAGRAM, RE BUS - CHASSIS		
					RELEASE NO.	DATE		
					93784R	20MAR17	AE08085133	016

Figure 16 Schematic Symbol Chart (Cont.)

2.17. SCHEMATIC SYMBOL CHART (CONT.), P. 17

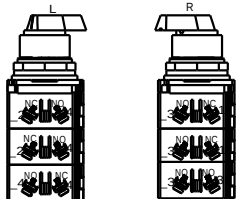
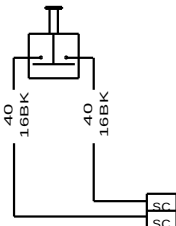
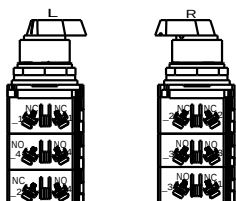
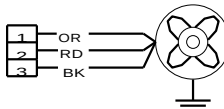
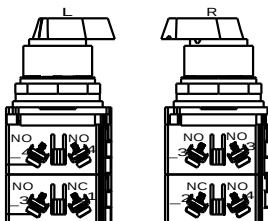
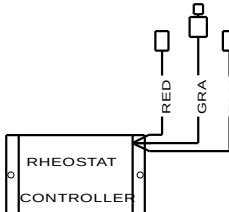
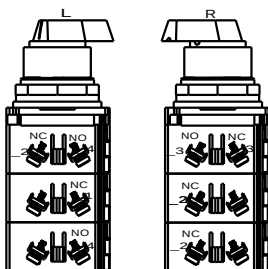
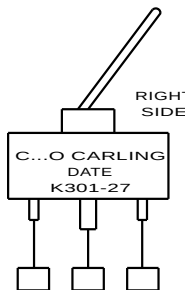
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 2	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					SCHEMATIC SYMBOL CHART (CONT)			
SYMBOL		DESCRIPTION			SYMBOL		DESCRIPTION	
		2-POSITION ELECTRIC ENTRANCE DOOR SWITCH					MANUAL DOOR SWITCH	
		3-POSITION ELECTRIC ENTRANCE DOOR SWITCH					FRONT / REAR POWER VENT	
		2-POSITION ROTARY AIR DOOR SWITCH					DOME LIGHT RHEOSTAT	
		3-POSITION ROTARY AIR DOOR SWITCH					PANEL DIMMER	
		3-POSITION ROTARY AIR DOOR SWITCH					3-POSITION DOOR SWITCH IN L DRIVER'S SWITCH PANEL	
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CIRCUIT DIAGRAM, RE BUS - CHASSIS	
MJV0863	23JUN17	INITIAL RELEASE.	A	93784R	MJV0863			
					RELEASE NO.	DATE	PART NO.	SHEET
					93784R	21MAR17	AE08085133	017

Figure 17 Schematic Symbol Chart (Cont.)

2.18. SCHEMATIC SYMBOL CHART (CONT.), P. 18

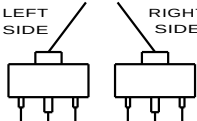
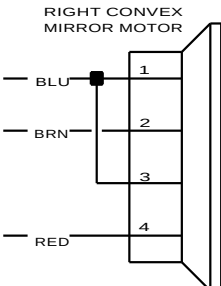
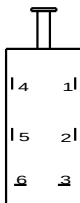
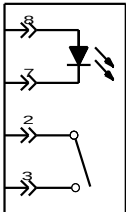
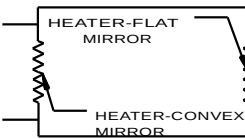
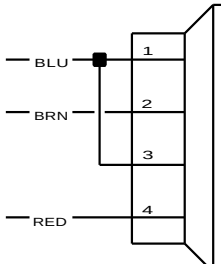
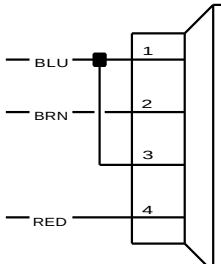
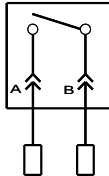
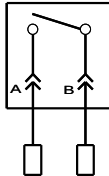
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 2	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					SCHEMATIC SYMBOL CHART (CONT)			
SYMBOL		DESCRIPTION		SYMBOL		DESCRIPTION		
		3-POSITION DOOR SWITCH IN L DRIVER'S SWITCH PANEL				MOTORIZED HEATED MIRROR		
		LIFT DOOR SWITCH						
		ROCKER SWITCH						
		HEATER-FLAT MIRROR				HEATER-CONVEX MIRROR		
		LEFT CONVEX MIRROR MOTOR				DEACTIVATION SWITCH		
		ELECTRIC DOOR CONTROL LIMIT SWITCHING				STOP		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
MJV0863	21JUN17	INITIAL RELEASE.	A	93784R	MJV0863	CIRCUIT DIAGRAM, RE BUS - CHASSIS		
RELEASE NO.		DATE		PART NO.		SHEET		
93784R		21MAR17		AE08085133		018		

Figure 18 Schematic Symbol Chart (Cont.)

2.19. RE BUS WIRING LAYOUT, P. 19

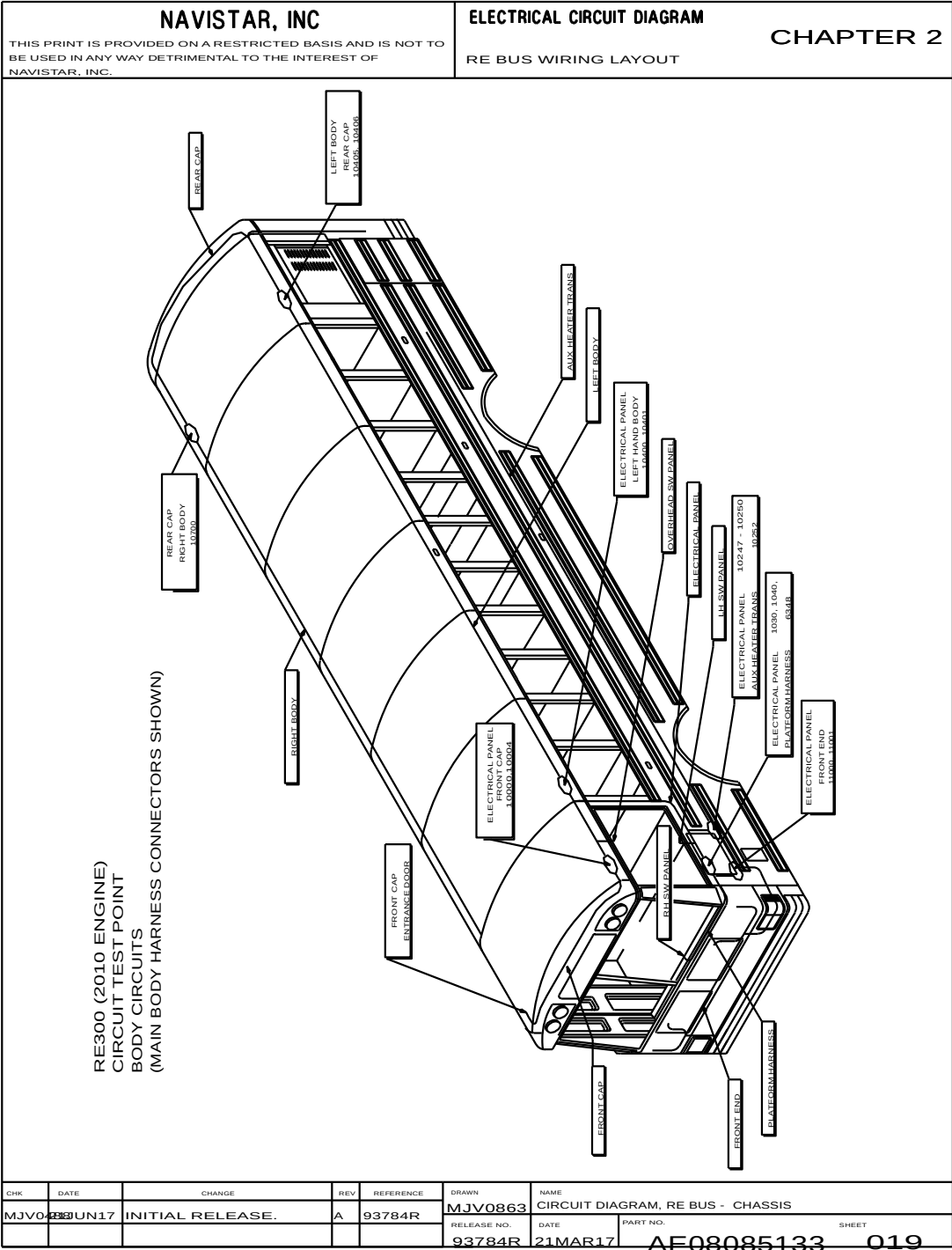


Figure 19 RE Bus Wiring Layout



2.21. ELECTRICAL FUSE PANEL (CONT.), P. 21

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 2			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				ELECTRICAL FUSE PANEL - PRODUCT GRAPHICS (CONT)							
POWER RELAYS											
POWER RELAY BLOCK #	RELAY NAME	RELAY PART #	MAX CONTINUOUS CURRENT	DESCRIPTION							
10314	NS1	3536072C1	70A	NOISE SUPPRESSION RELAY 1							
10315	NS2	3536072C1	70A	NOISE SUPPRESSION RELAY 2							
10316	NS3	3536072C1	70A	NOISE SUPPRESSION RELAY 3							
10317	NS4	3536072C1	70A	NOISE SUPPRESSION RELAY 4							
10318	MD1	3536072C1	70A	MASTER DISCONNECT RELAY 1							
10319	MD2	3536072C1	70A	MASTER DISCONNECT RELAY 2							
10320	MD3	3536072C1	70A	MASTER DISCONNECT RELAY 3							
10321	IGN	3536072C1	70A	IGNITION RELAY							
10322	ACC1	3536072C1	70A	ACCESSORY RELAY 1							
10323	ACC2	3536072C1	70A	ACCESSORY RELAY 2							
FUSE BLOCK #10301											
POSITION	SUPPLY CIRCUIT	FUSE VALUE	DESCRIPTION					FUSE BLOCK #10304			
								DESCRIPTION			
F1	NS1	25A	DEFROST STEPWELL FLOOR HTR					F37	HOT	10A	HAZARD LIGHTS
F2	NS1	20A	DEFROST STEPWELL FLOOR HTR					F38	HOT	7.5A	FRONT STOP ARM/CROSSING GATE
F3	NS1	7.5A	CONVECTION HEATERS					F39	HOT	10A	LIFT INTERLOCK
F4	NS2	25A	LEFT MIDSHIP HEATER 1ST POSITION					F40	HOT	15A	DOME LIGHTS (HOT)
F5	NS2	7.5A	DEFROG FAN RIGHT SW					F41	IGN	7.5A	BACK-UP LIGHTS - ACT BY REAR K/O WDO
F6	NS2	15A	DEFROG FAN (X2) RIGHT SWITCH					F42	IGN	7.5A	STARTER INTERLOCK
F7	NS2	20A	CENTER BLOWER RIGHT SWITCH					F43	ACC2	10A	MOTORIZED MIRRORS
F8	NS2	7.5A	POWER VENT REAR					F44	IGN	7.5A	ALTERNATE AIR ENTRANCE DOOR
F9	NS2	7.5A	RADIO POWER					F45	IGN	10A	ELECTRIC ENTRANCE DOOR
F10	NS3	25A	RIGHT MIDSHIP HEATER 1ST POSITION					F46	ACC2	3A	PTI - BUS SCAN
F11	NS3	15A	RIGHT REAR WALL HEATER					F47	ACC2	3A	PTI - CHECK MATE
F12	NS4	15A	ADDITIONAL DRIVERS HEATER					F48	ACC2	15A	PTI - CRS
F13	NS3	20A	RIGHT MIDSHIP HEATER 2ND POSITION					F49	ACC2	3A	ENGINE/ELECTRICAL PANEL TEMP SENSOR
F14	NS3	15A	RIGHT REAR HEATER					F50	ACC2	3A	BATTERY ISOLATOR
F15	NS3	15A	DRIVERS DEFROG BLOWER					FUSE BLOCK #10305			
F16	NS4	15A	DEFROG FAN LEFT SWITCH					F49	ACC1	7.5A	EMERGENCY EXITALARMS
F17	NS4	15A	DEFROG FAN (X2) LEFT SWITCH					F50	ACC1	7.5A	FRONT CLUSTER LIGHTS
F18	NS4	20A	CENTER BLOWER LEFT SWITCH					F51	ACC1	7.5A	EMERGENCY EXIT LIGHTS
								F52	ACC1	-	SEE CIRCUIT DIAGRAM
FUSE BLOCK #10302								F53	ACC1	7.5A	PEDESTRIAN LIGHTS
F13	NS3	20A	LEFT REAR WALL HEATER					F54	ACC1	7.5A	CROSSING GATE MAGNET
F14	NS3	25A	RIGHT REAR WALL HEATER					F55	ACC1	7.5A	HEATED WIPER BLADES
F15	NS3	25A	LEFT MIDSHIP HEATER 2ND POSITION					F56	ACC1	7.5A	FUEL FIRED HEATER - 7 DAY TIMER
F16	MD3	15A	PUPIL REAR HEATER					F57	ACC1	7.5A	LIGHT MONITOR
F17	MD1	10A	DESTINATION SIGNS					F58	ACC2	10A	STEP LIGHT
F18	MD2	25A	STEP HEATER (SINGLE OR DUAL)					F59	ACC2	-	SEE CIRCUIT DIAGRAM
F19	MD1	15A	DOME LIGHTS STANDARD					F60	ACC2	-	SEE CIRCUIT DIAGRAM
F20	MD1	15A	PUPIL WARNING LIGHTS MASTER					FUSE BLOCK #10306-F1			
F21	MD2	10A	HEATED MIRRORS					E61	NS4	3A	AIR HORN
F22	MD3	7.5A	STROBE LIGHT					E62	-	-	
F23	MD1	20A	SANDERS/TRACTION CHAINS					E63	-	-	
F24	MD3	20A	TWO-WAY RADIO TERMINAL STRIP					E64	NS4	-	SEE CIRCUIT DIAGRAM
F25	MD2	-	SEE CIRCUIT DIAGRAM					E65	NS4	-	
F26	MD2	10A	VIDEO SYSTEM					E66	NS4	-	
F27	MD2	20A	VIDEO SYSTEM TERMINAL STRIP					E67	MD3	15A	BOOSTER PUMP
								E68	MD3	-	
FUSE BLOCK #10303								E69	MD3	-	SEE CIRCUIT DIAGRAM
F25	MD3	15A	FDS LIGHTS					E70	IGN	-	
F26	HOT	3A	PTI - CHILD CHECK MATE					E71	IGN	-	
F27	HOT	15A	PTI - CRS - HEADLIGHTS					E72	IGN	-	
F28	HOT	3A	PTI - BUS SCAN					FUSE BLOCK #10306-F2			
F29	HOT	3A	PTI - CHILD CHECK MATE					D73	-	-	SEE CIRCUIT DIAGRAM
F30	HOT	10A	PTI - CRS - DOME LIGHTS					E74	HOT	-	
F31	HOT	15A	PUPIL WARNING LIGHTS OVERRIDE					E75	HOT	-	
F32	HOT	15A	FUEL FIRED HEATER					E76	-	-	
F33	HOT	10A	CLEARANCE (CL) LIGHTS					E77	HOT	-	
F34	HOT	7.5A	LIFT INTERLOCK					E78	HOT	-	
F35	HOT	7.5A	ENTRANCE DOOR					E79	-	-	
F36	HOT	7.5A	LIFT LIGHTS					E80	-	-	SEE CIRCUIT DIAGRAM
F37	HOT	7.5A	LUGGAGE BOX LIGHTS					E81	-	-	
F38	HOT	5A	RADIO MEMORY					E82	-	-	
F39	HOT	7.5A	ENGINE COMPARTMENT LIGHTS					E83	-	-	
F40	HOT	7.5A						E84	-	-	
</											



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

3.1. BATTERY FEED, P. 1

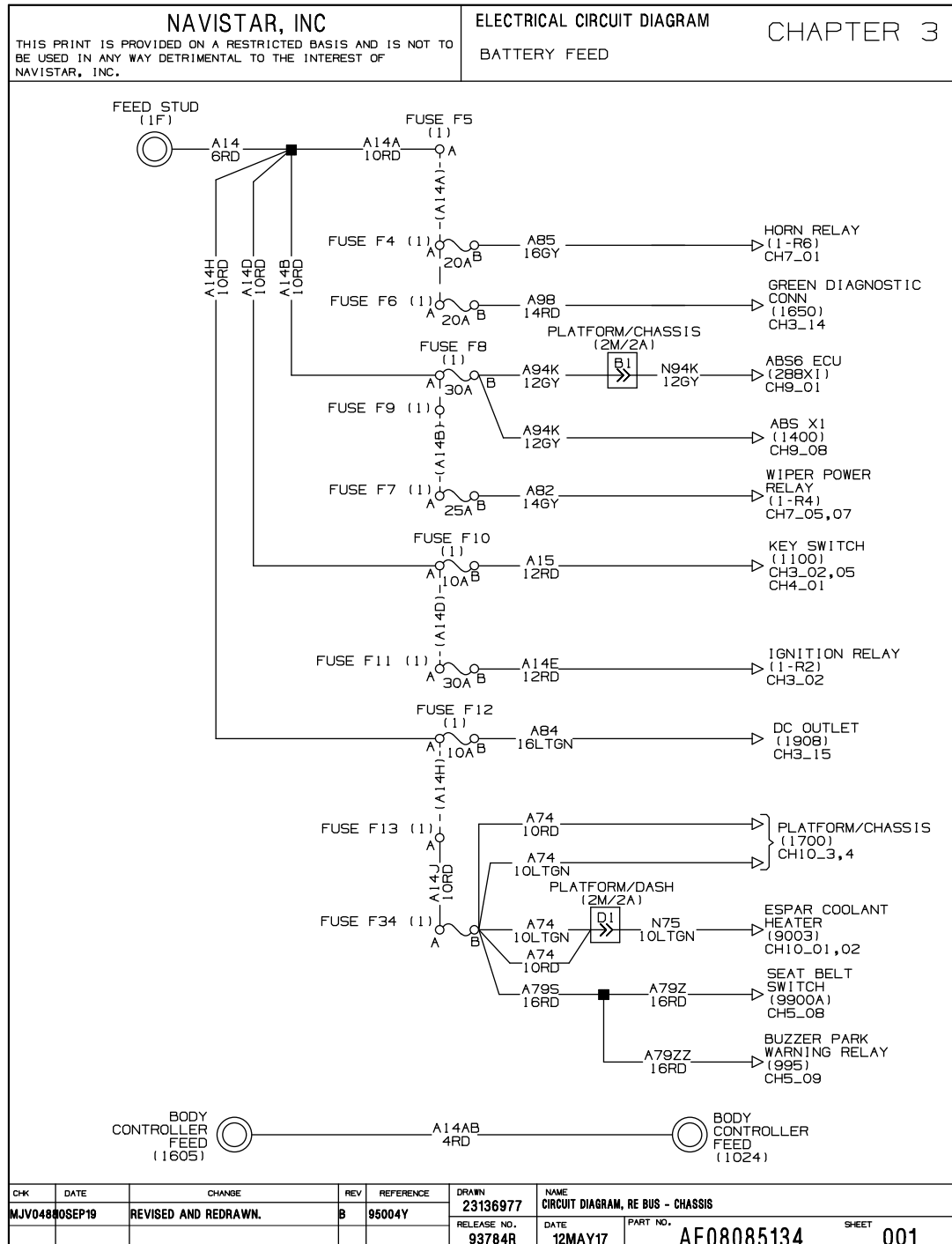


Figure 23 Battery Feed

3.2. IGNITION FEED, P. 2

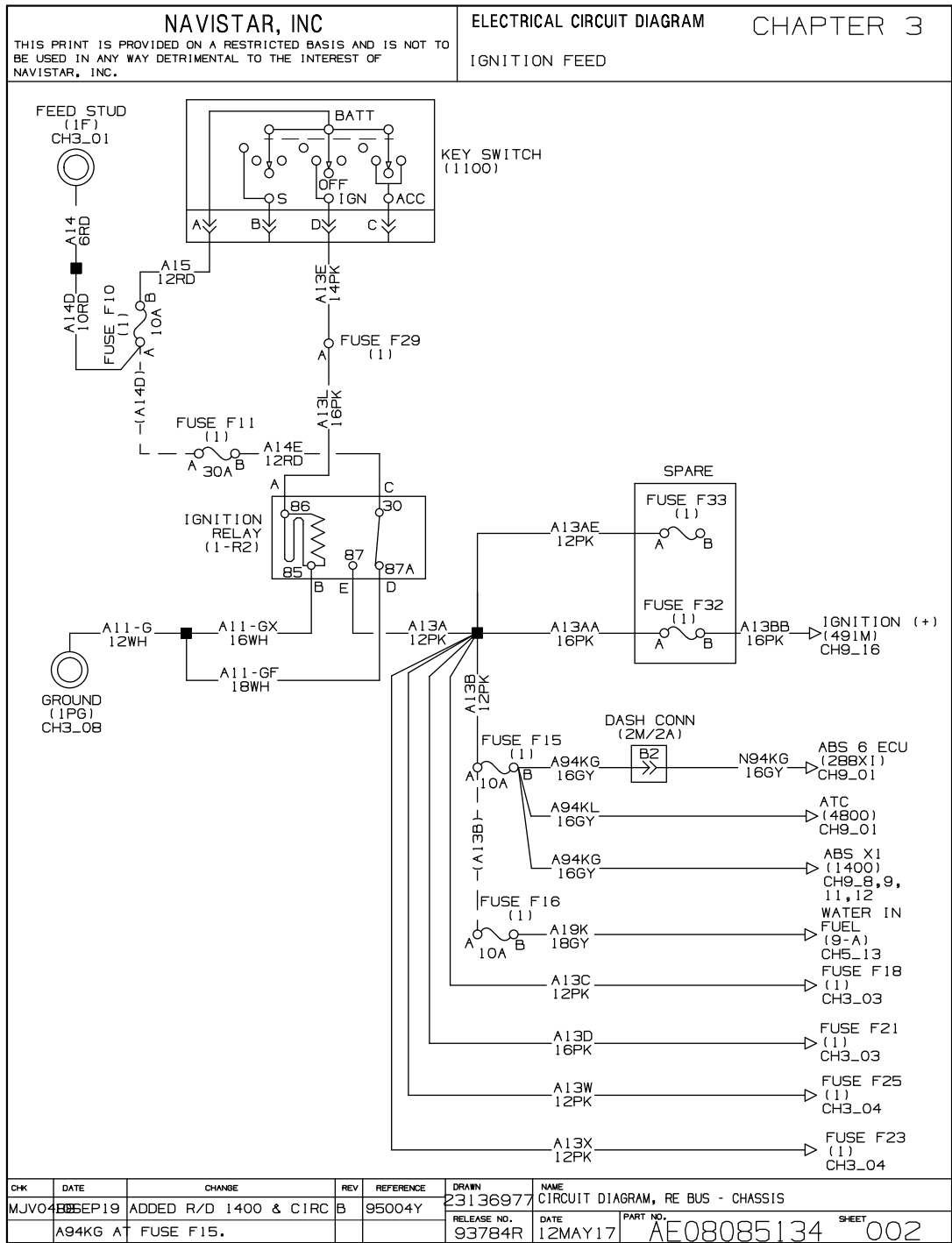


Figure 24 Ignition Feed

3.3. IGNITION FEED (CONT.), P. 3

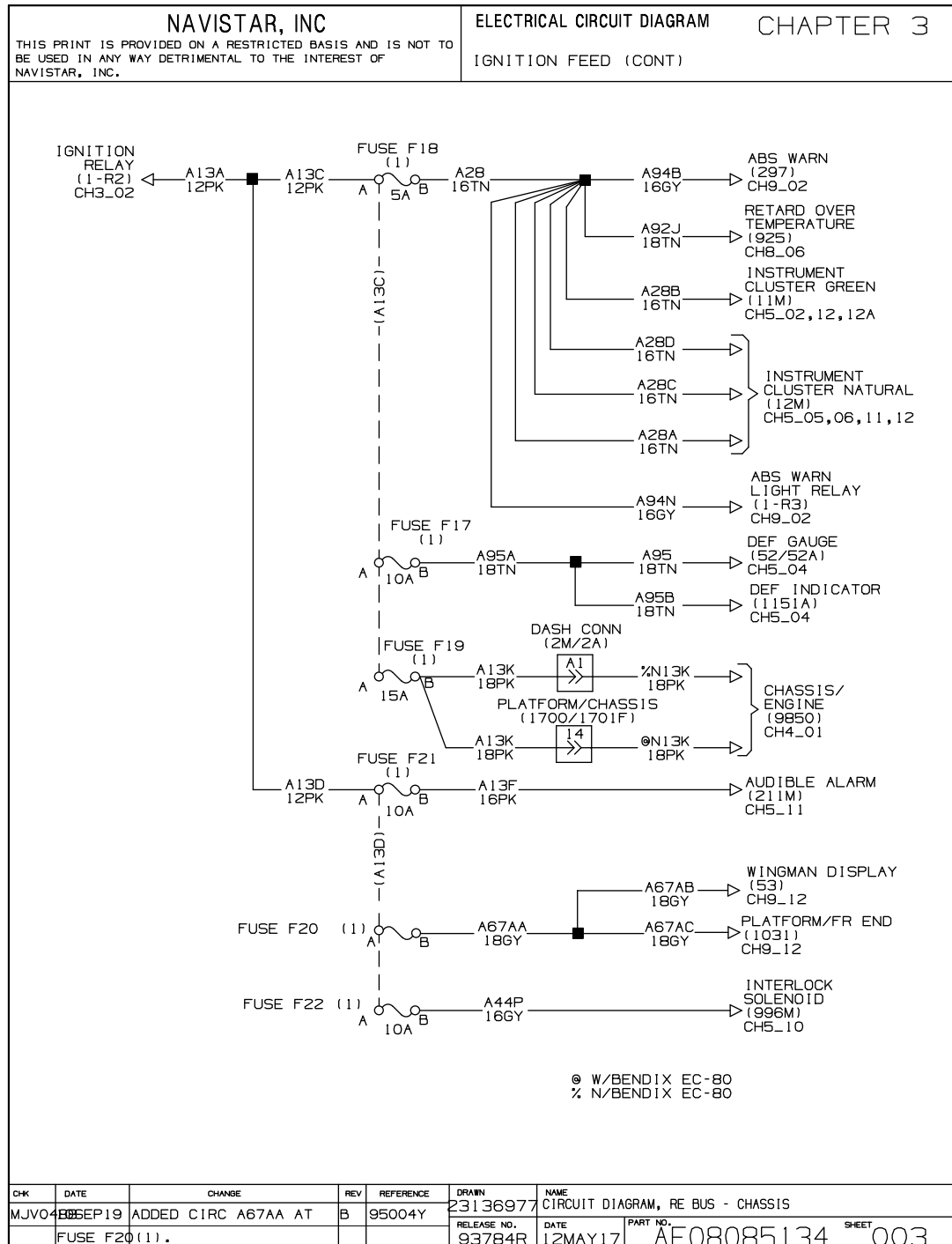


Figure 25 Ignition Feed (Cont.)

3.4. IGNITION FEED (CONT.), P. 4

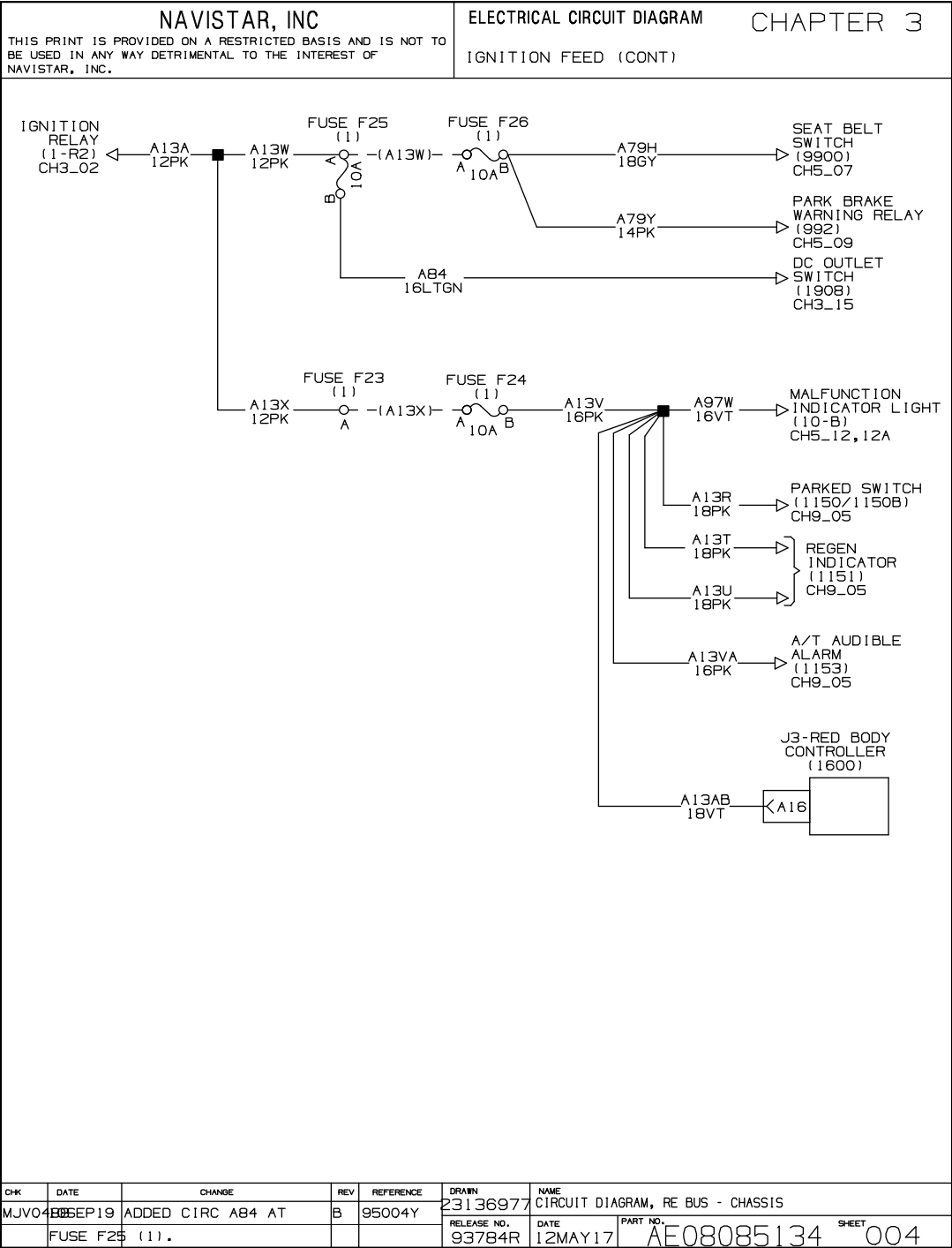


Figure 26 Ignition Feed (Cont.)

3.5. ACCESSORY FEED, P. 5

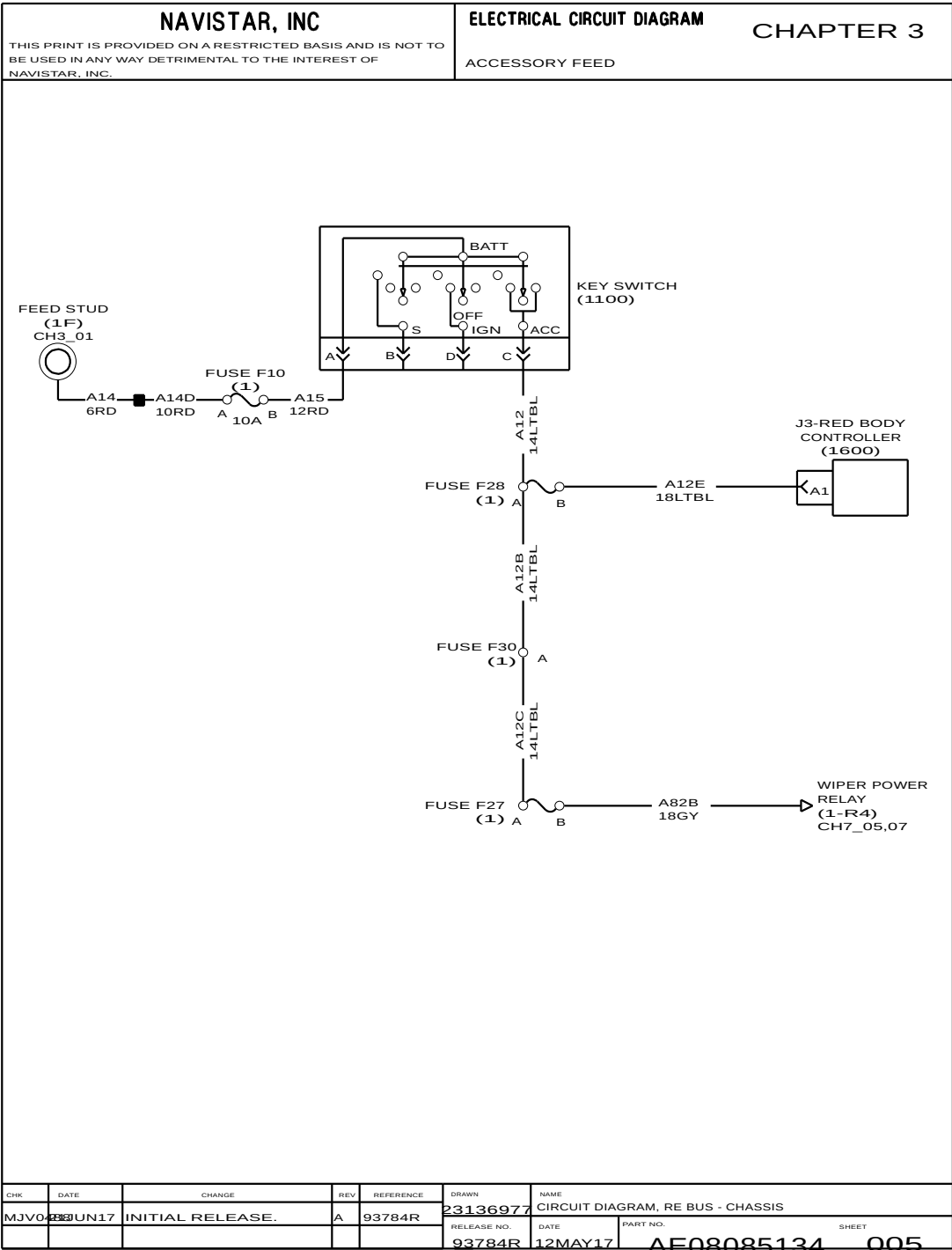


Figure 27 Accessory Feed

3.6. J1939 DATA LINK W/500K W/DEF GAUGE W/F 2017 ISL ENGINE, P. 6

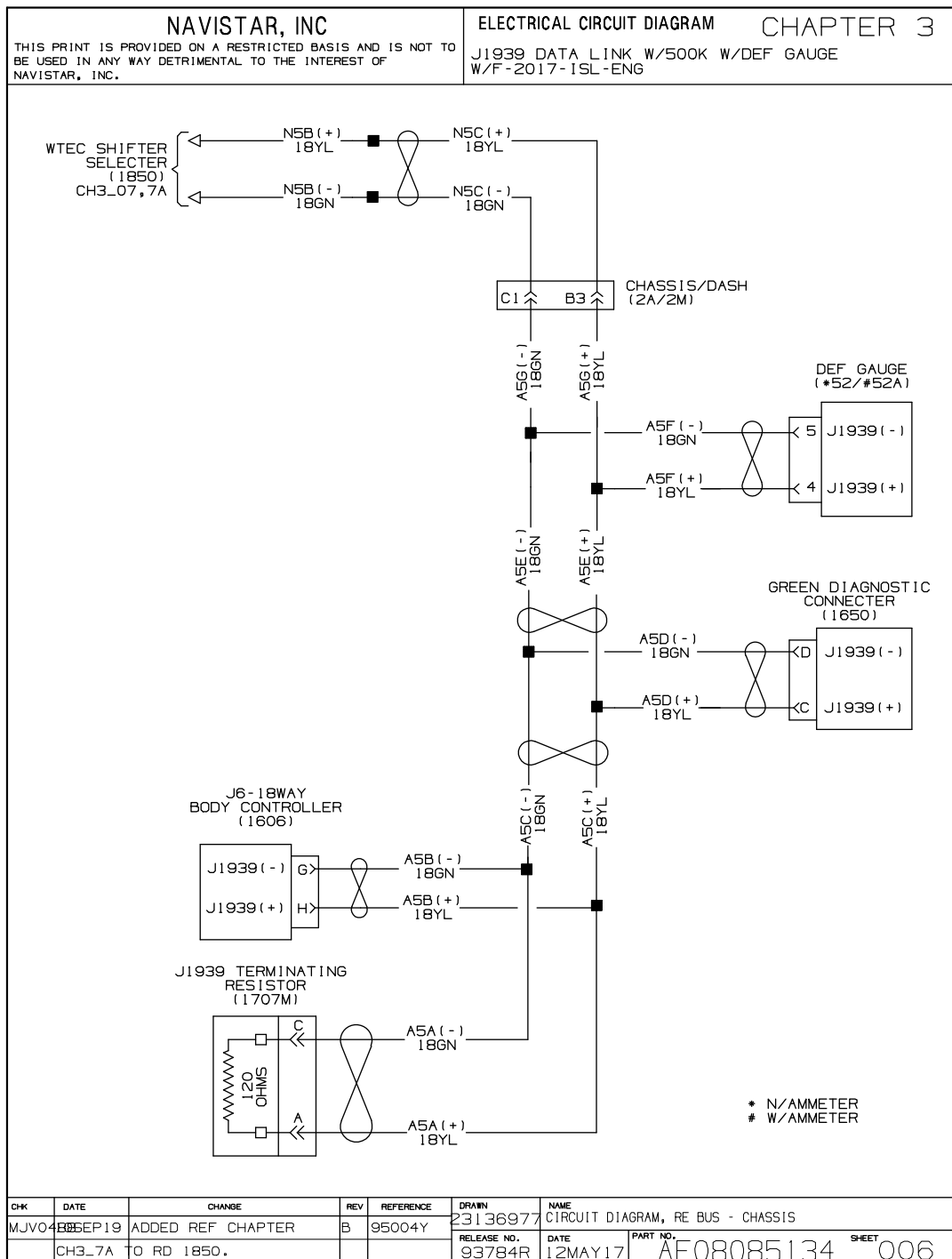


Figure 28 J1939 Data Link w/500k w/DEF Gauge w/F 2017 ISL Engine

3.7. J1939 DATA LINK W/500K W/ALLISON TRANSMISSION W/F 2017 ISL ENGINE, P. 7

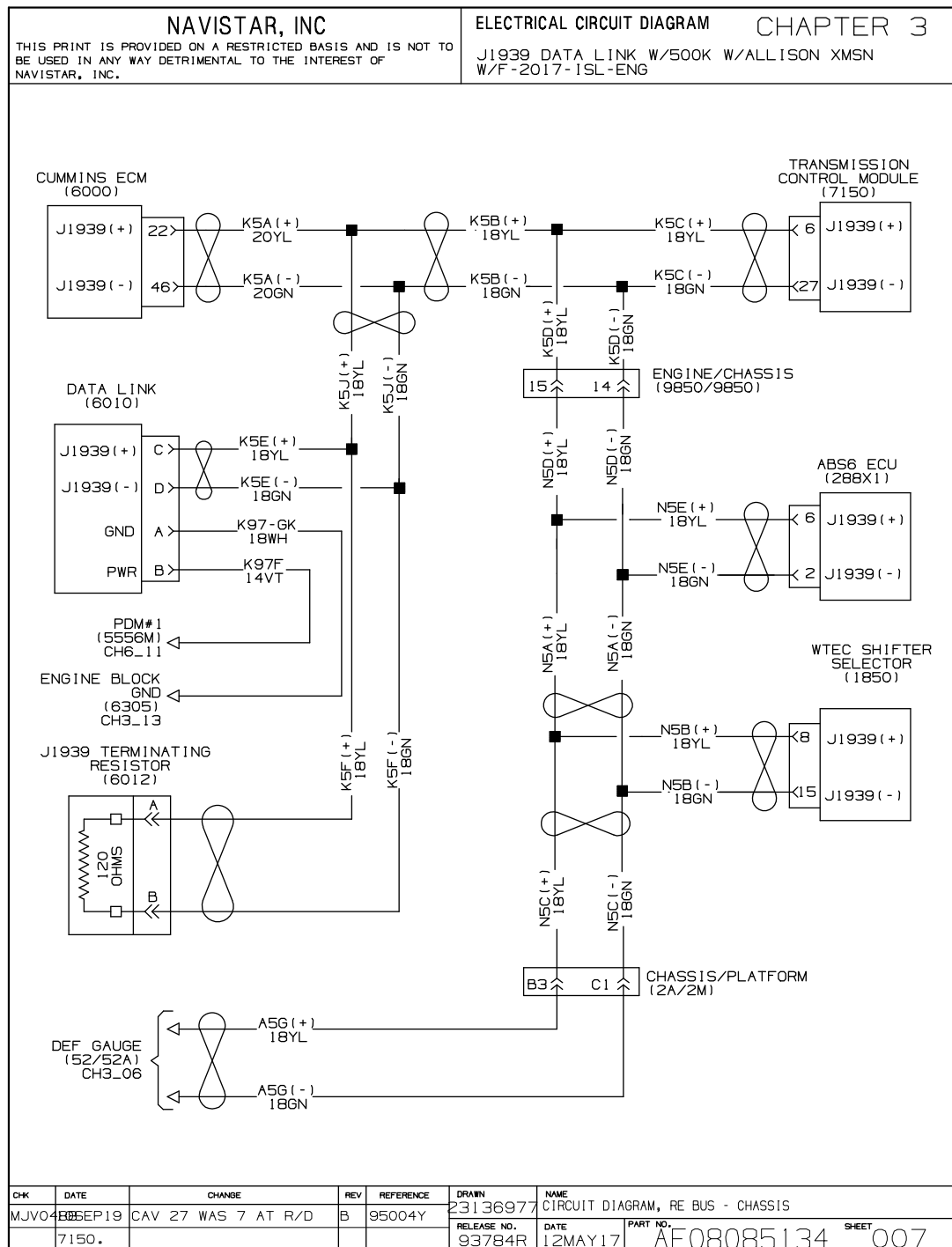
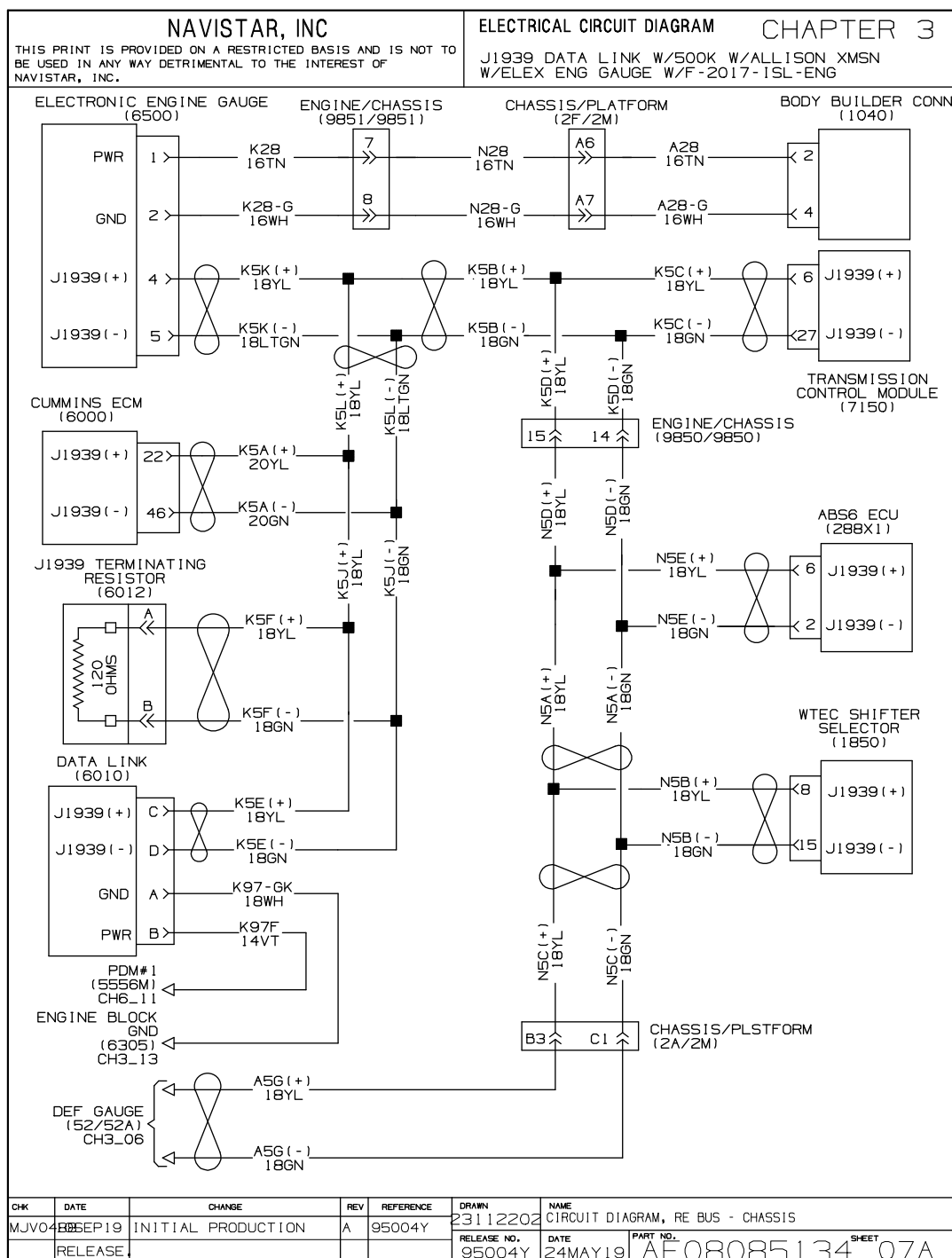


Figure 29 J1939 Data Link w/500k w/Allison Transmission w/F 2017 ISL Engine

3.8. J1939 DATA LINK W/500K W/ALLISON TRANSMISSION W/ELEX ENGINE GAUGE W/F 2017 ISL ENGINE, P. 7A



3.9. ELEX ENGINE GAUGE W/BENDIX EC-80, P. 7B

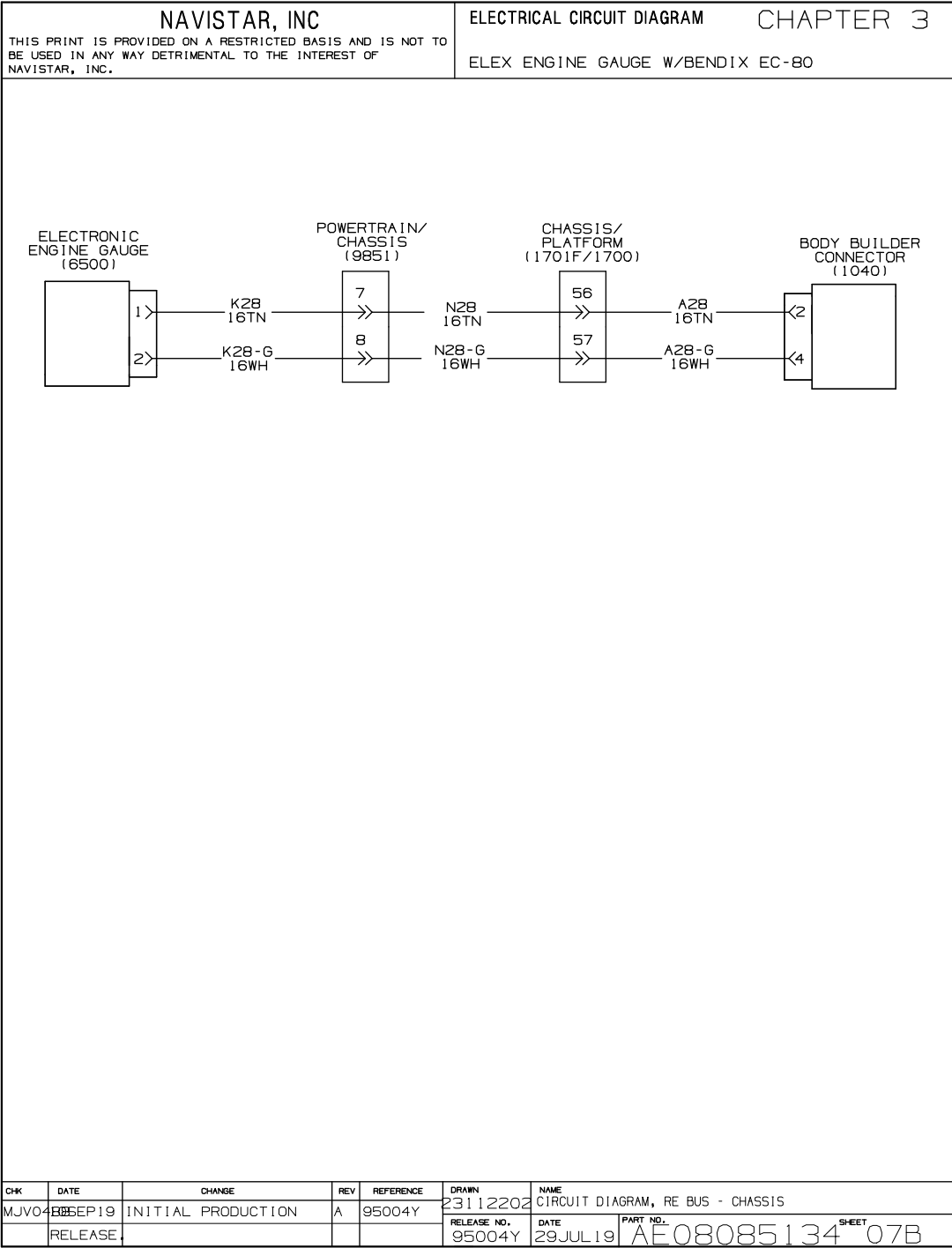


Figure 31 Elex Engine Gauge w/Bendix EC-80

3.10. GROUND PLATFORM, P. 8

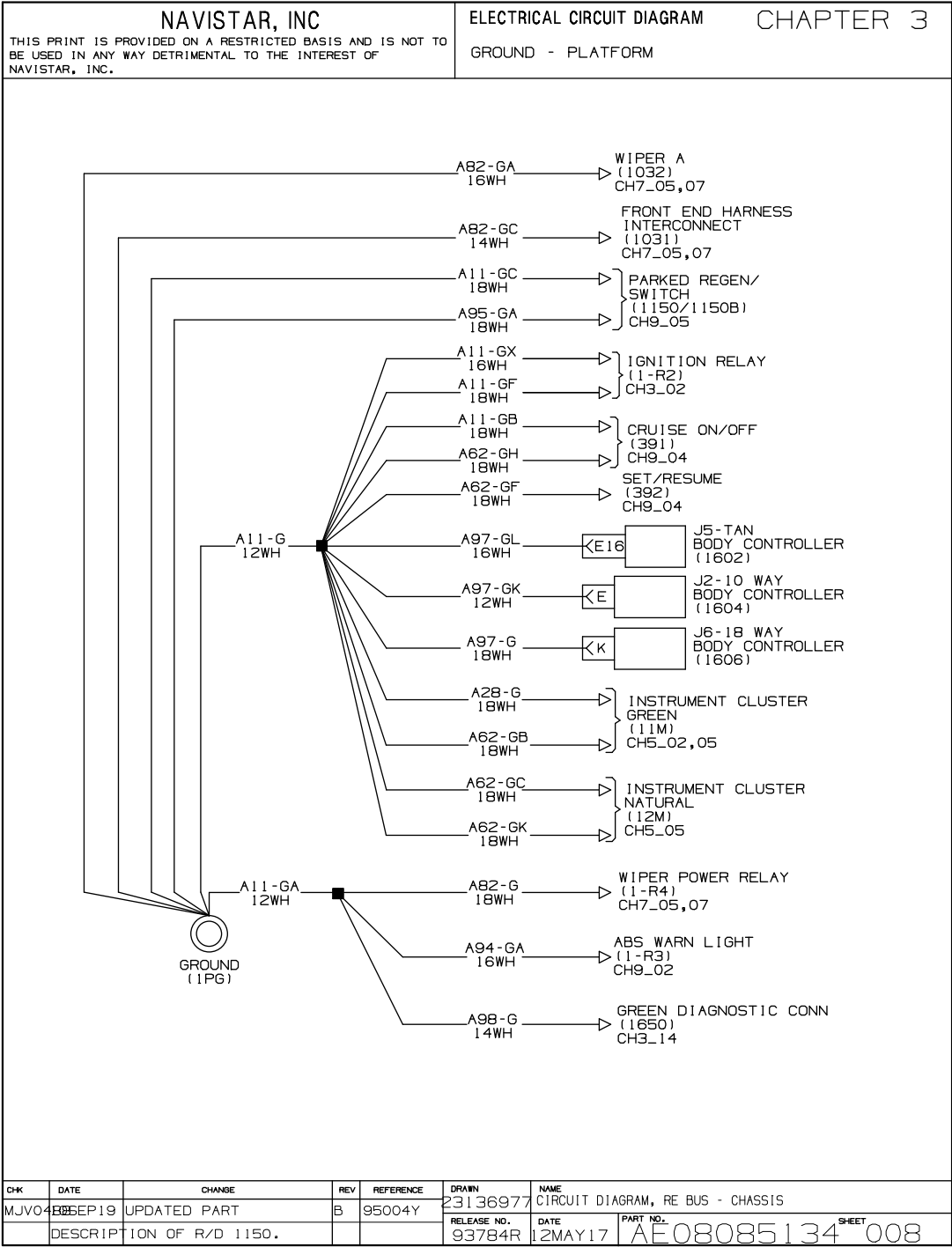


Figure 32 Ground Platform

3.11. GROUND PLATFORM (CONT.), P.9

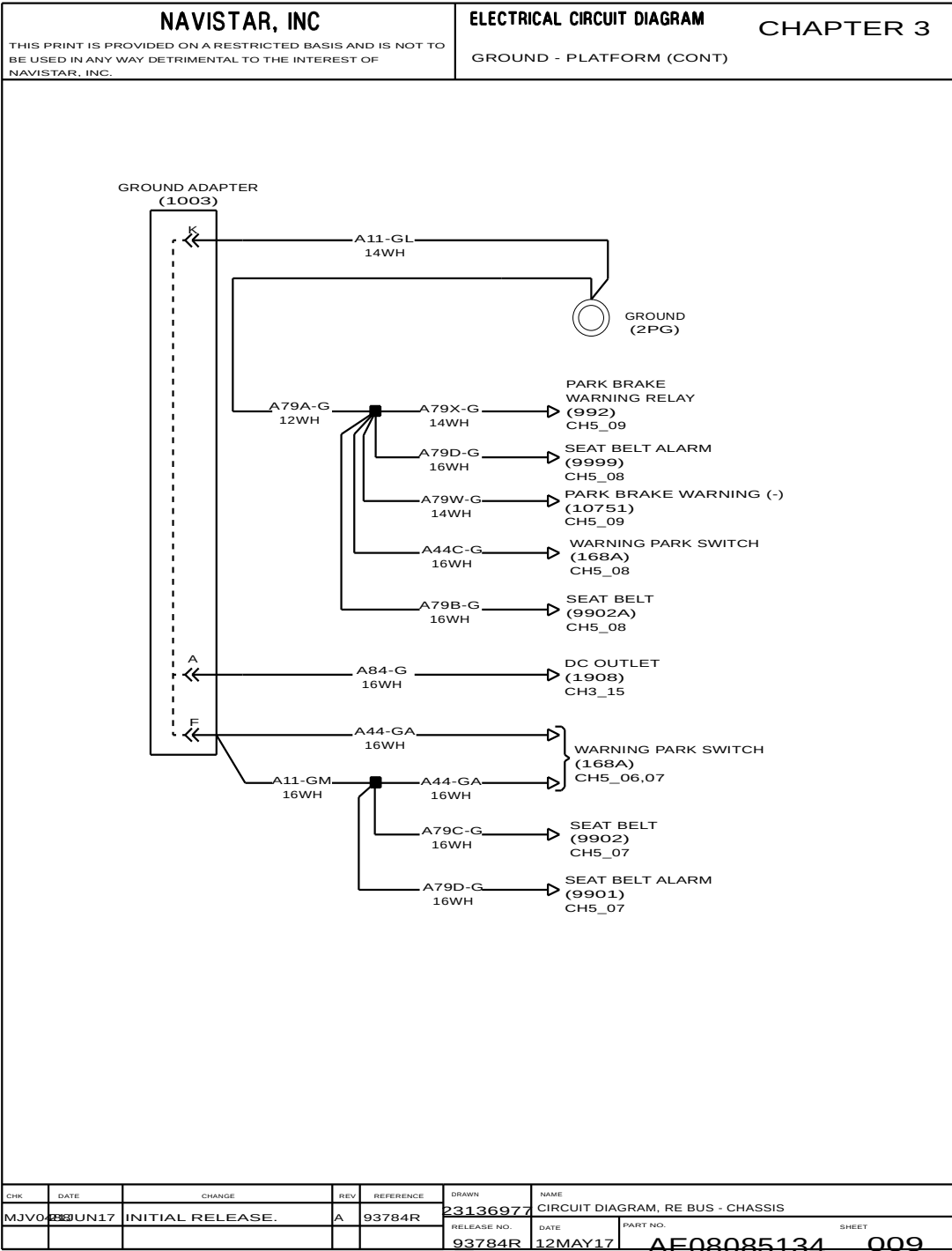


Figure 33 Ground Platform (Cont.)

3.12. GROUND PLATFORM (CONT.), P.10

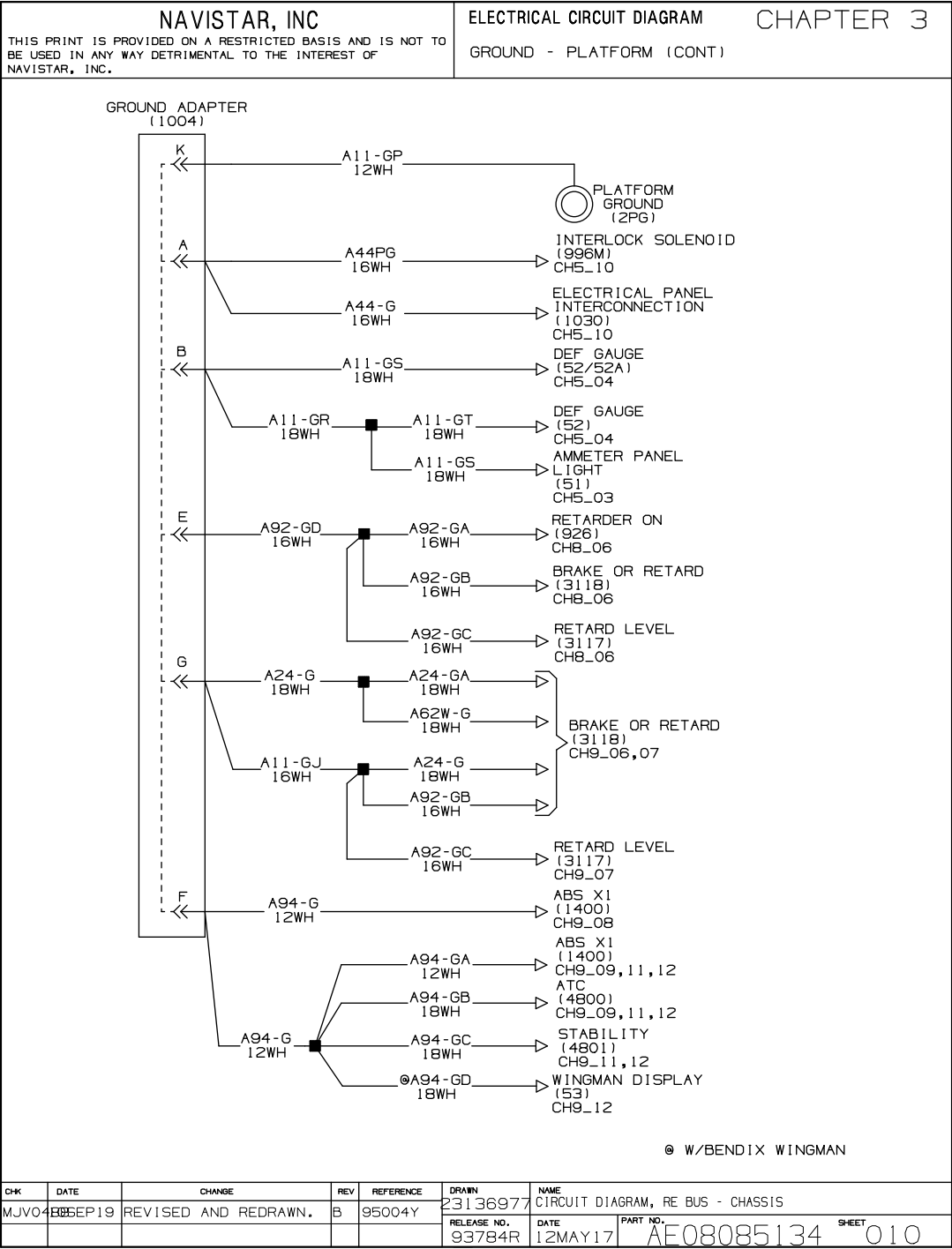


Figure 34 Ground Platform (Cont.)

3.13. GROUND CHASSIS, P. 11

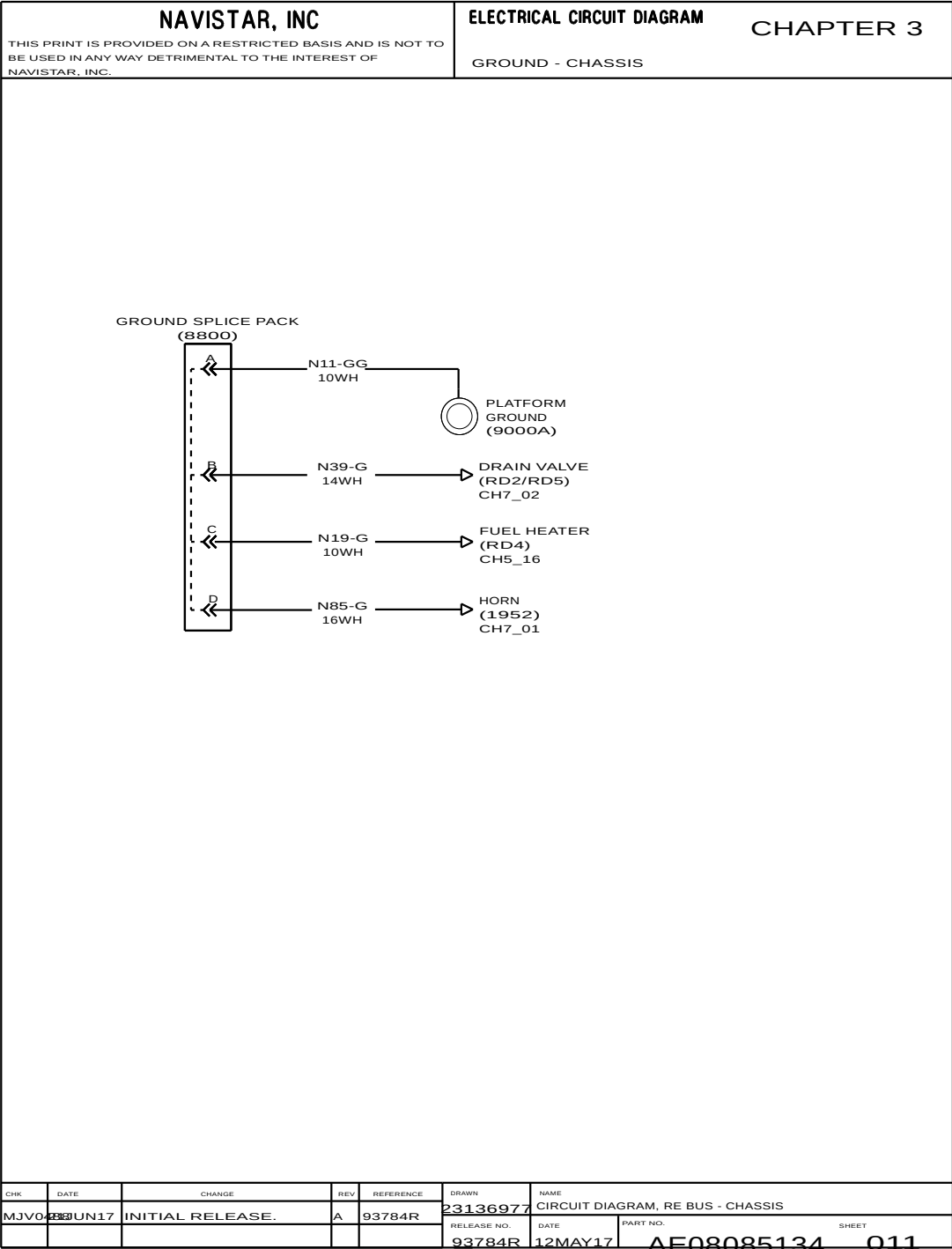


Figure 35 Ground Chassis

3.14. GROUND ENGINE W/ F 2017 ISL ENGINE, P. 12

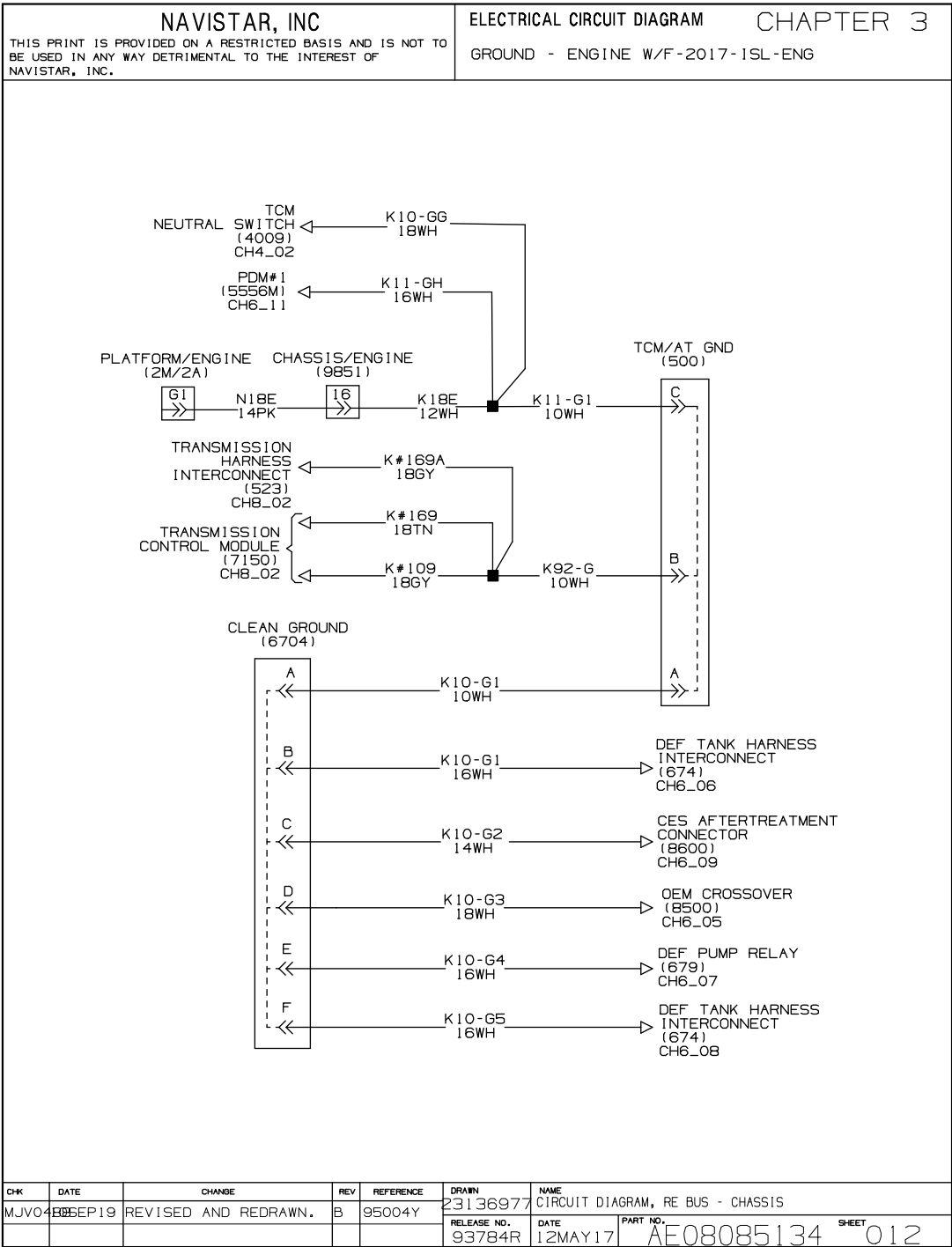


Figure 36 Ground Engine w/ F 2017 ISL Engine

3.15. GROUND ENGINE W/ F 2017 ISL ENGINE (CONT.), P. 13

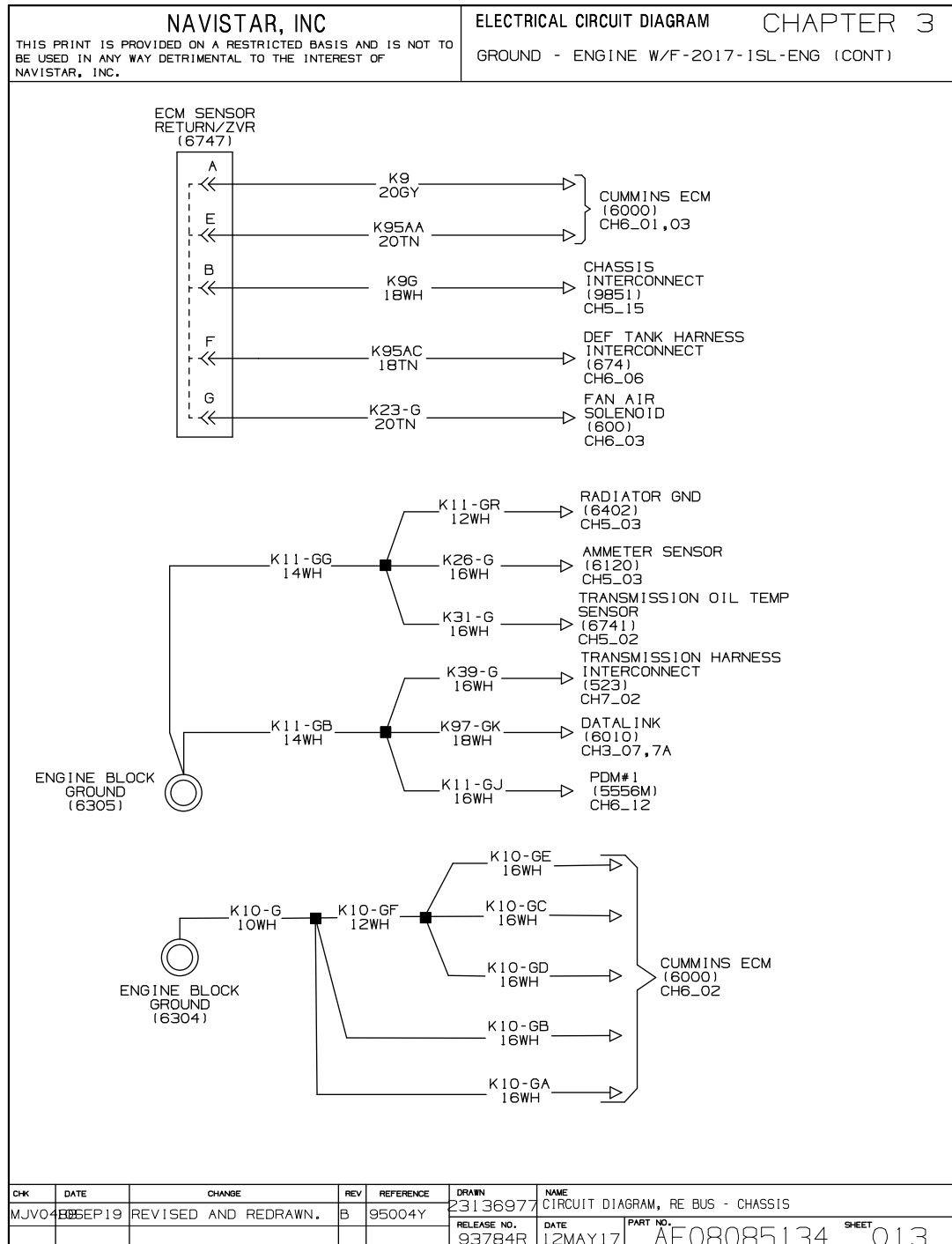


Figure 37 Ground Engine w/ F 2017 ISL Engine (Cont.)

3.16. DIAGNOSTIC CONNECTIONS, P. 14

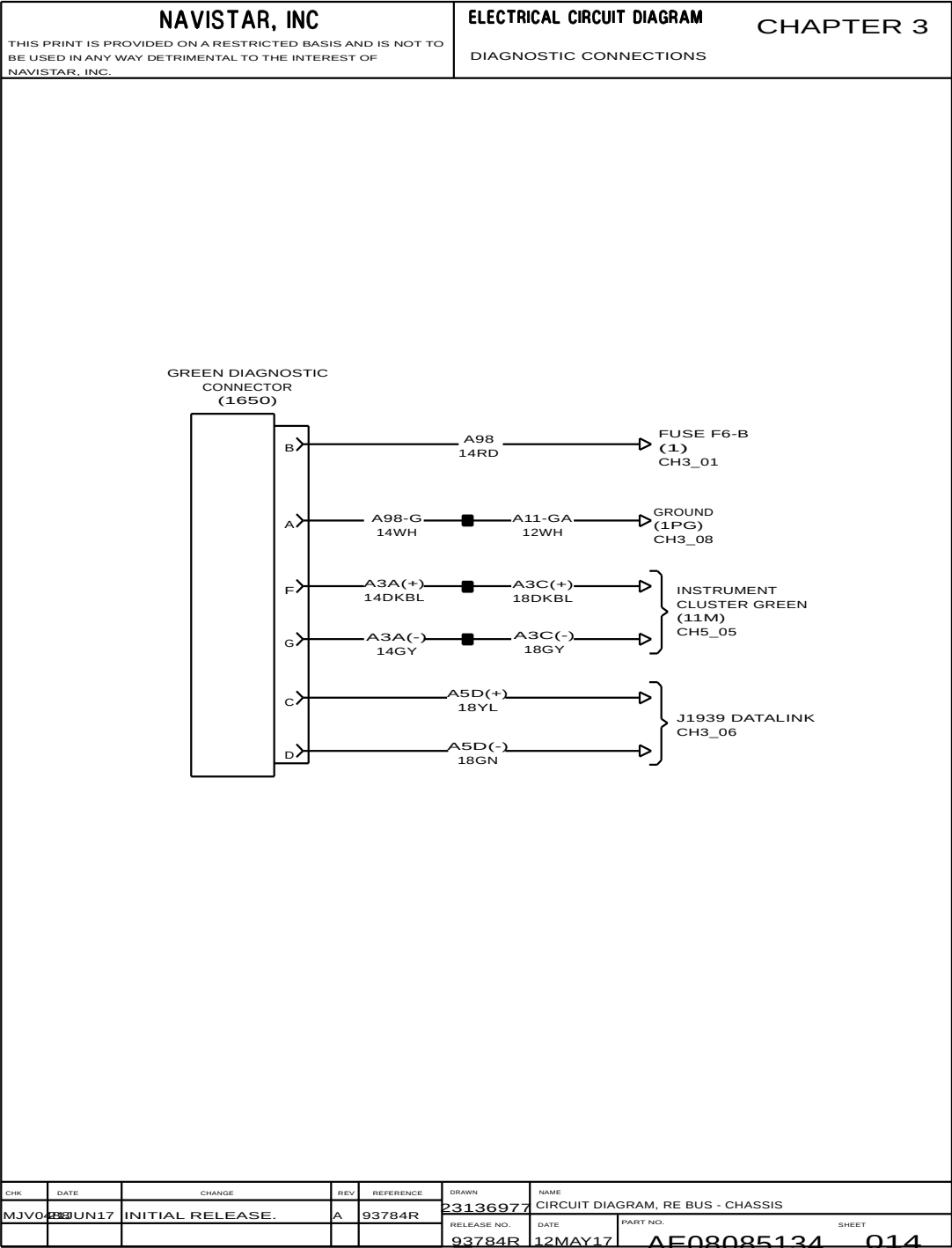


Figure 38 Diagnostic Connections

3.17. DC OUTLET, P. 15

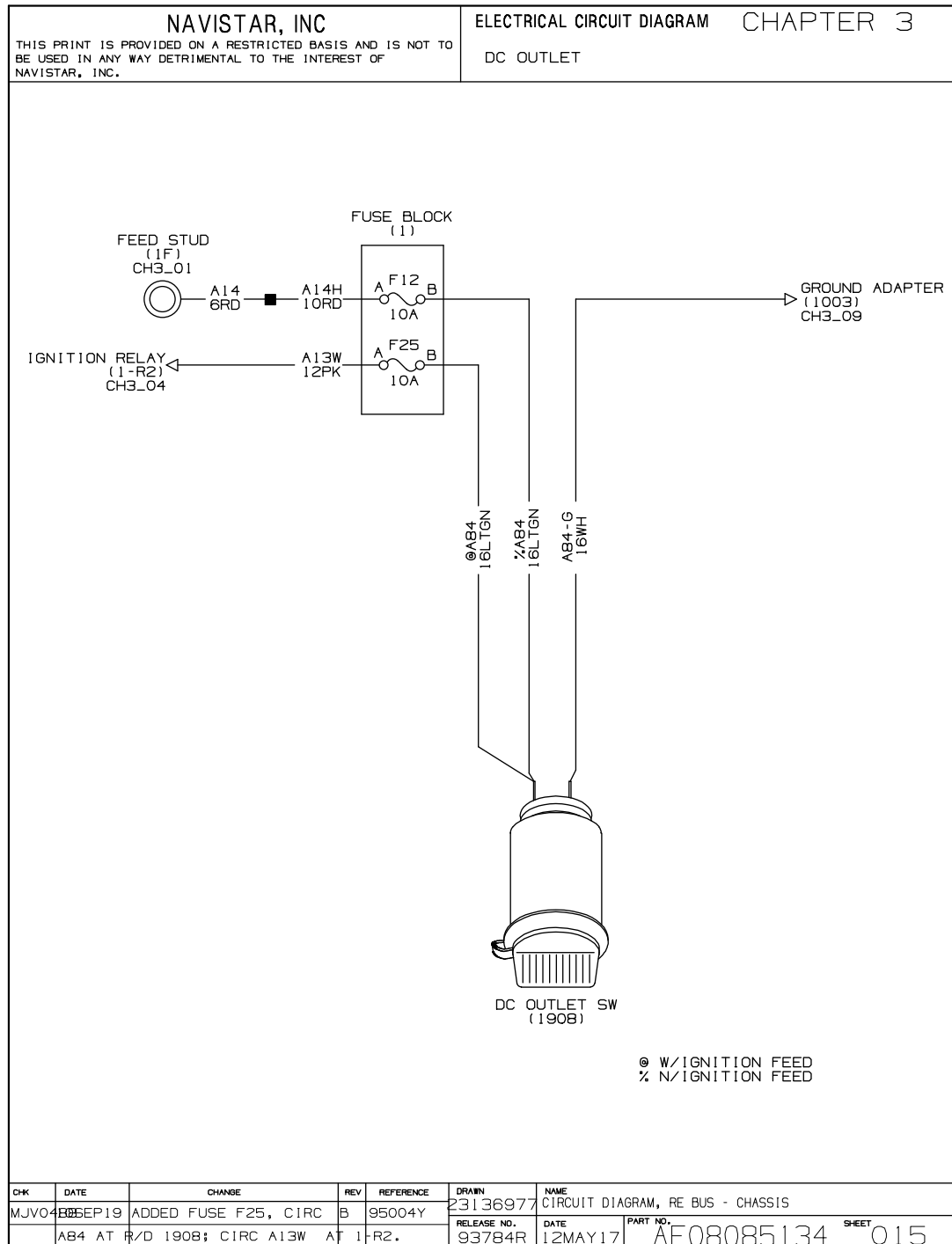


Figure 39 DC Outlet

3.18. J1939 DATALINK W/DEF GAUGE LOC2 W/BENDIX EC-80 W/ WINGMAN, P. 16

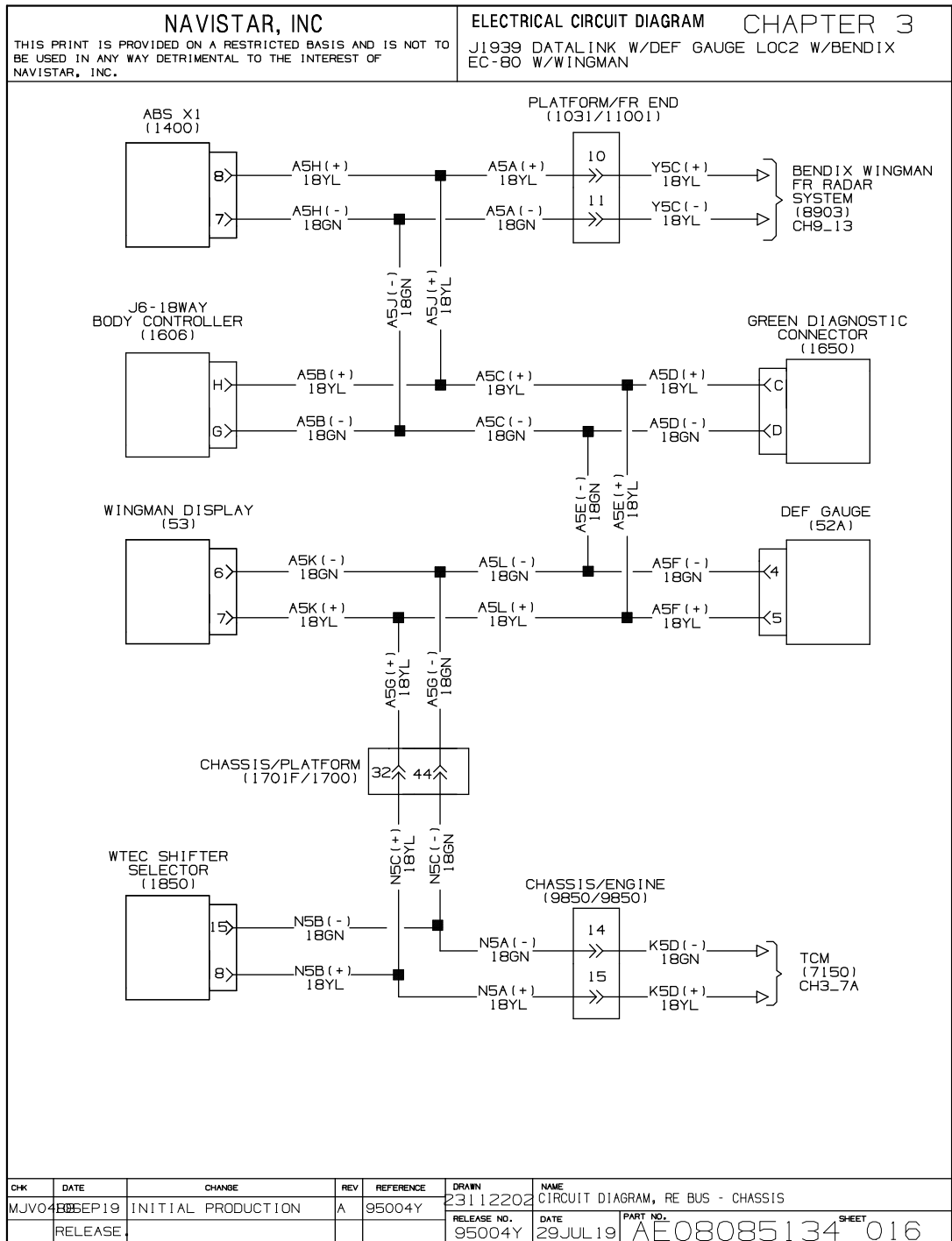


Figure 40 J1939 DataLink w/DEF Gauge LOC2 w/Bendix EC-80 w/ Wingman

3.19. J1939 DATALINK W/DEF GAUGE LOC1 W/BENDIX EC-80 W/ WINGMAN, P. 17

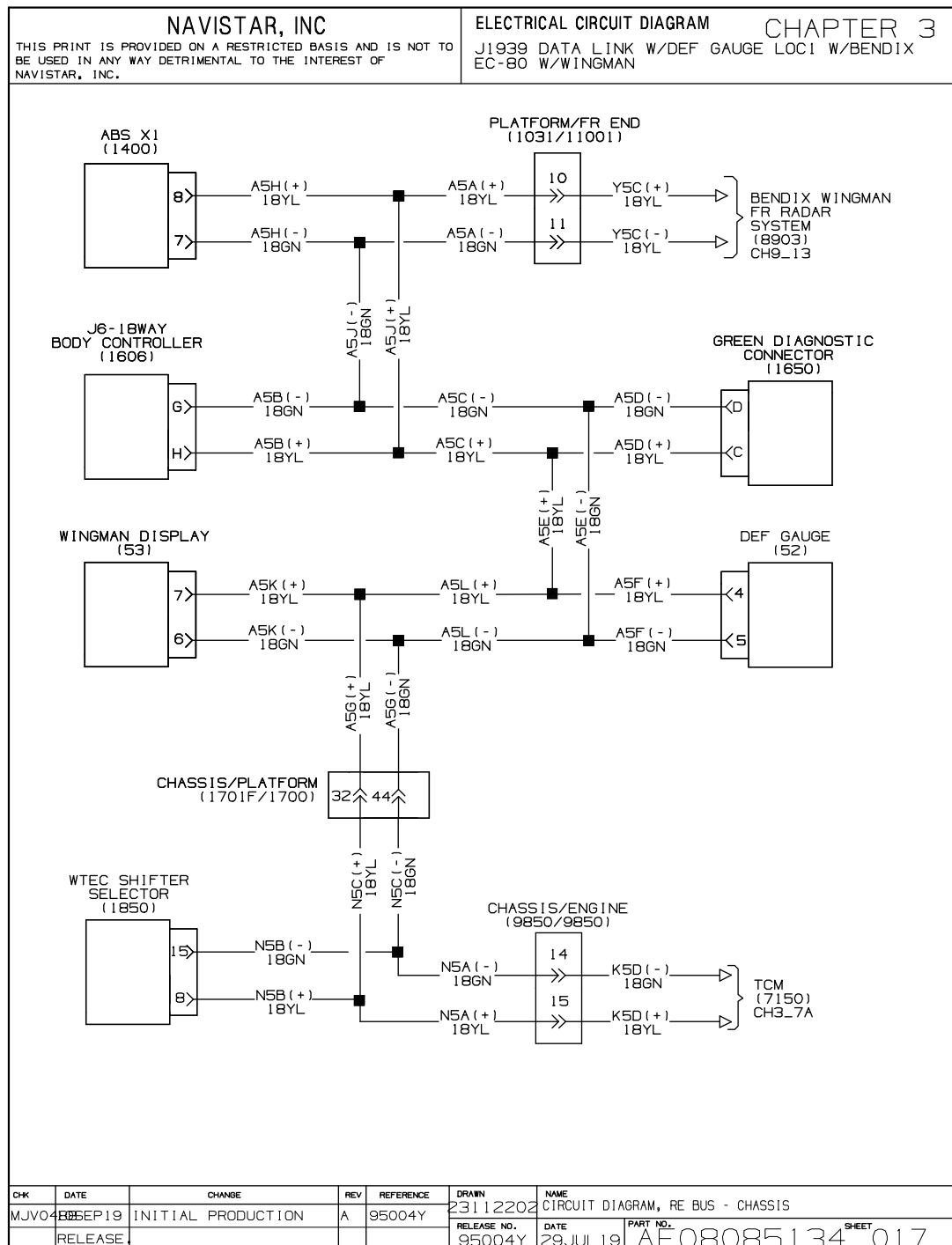


Figure 41 J1939 DataLink w/DEF Gauge LOC1 w/Bendix EC-80 w/ Wingman

3.20. J1939 DATALINK W/DEF GAUGE W/BENDIX EC-80 W/ STANDARD, P. 18

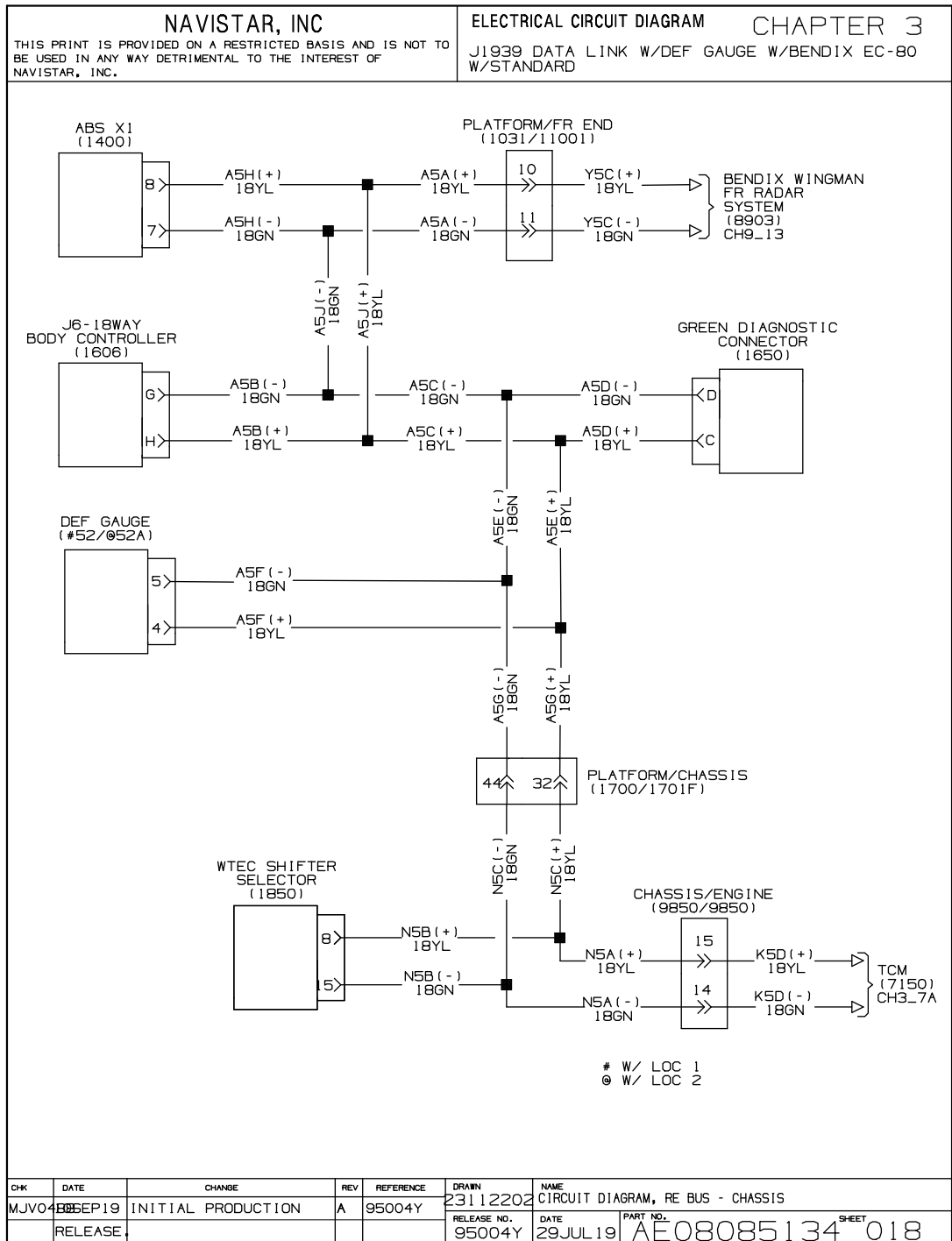


Figure 42 J1939 DataLink w/DEF Gauge w/Bendix EC-80 w/ Standard

3.21. J1939 DATALINK W/DEF GAUGE LOC1 W/ ZONAR, P. 19

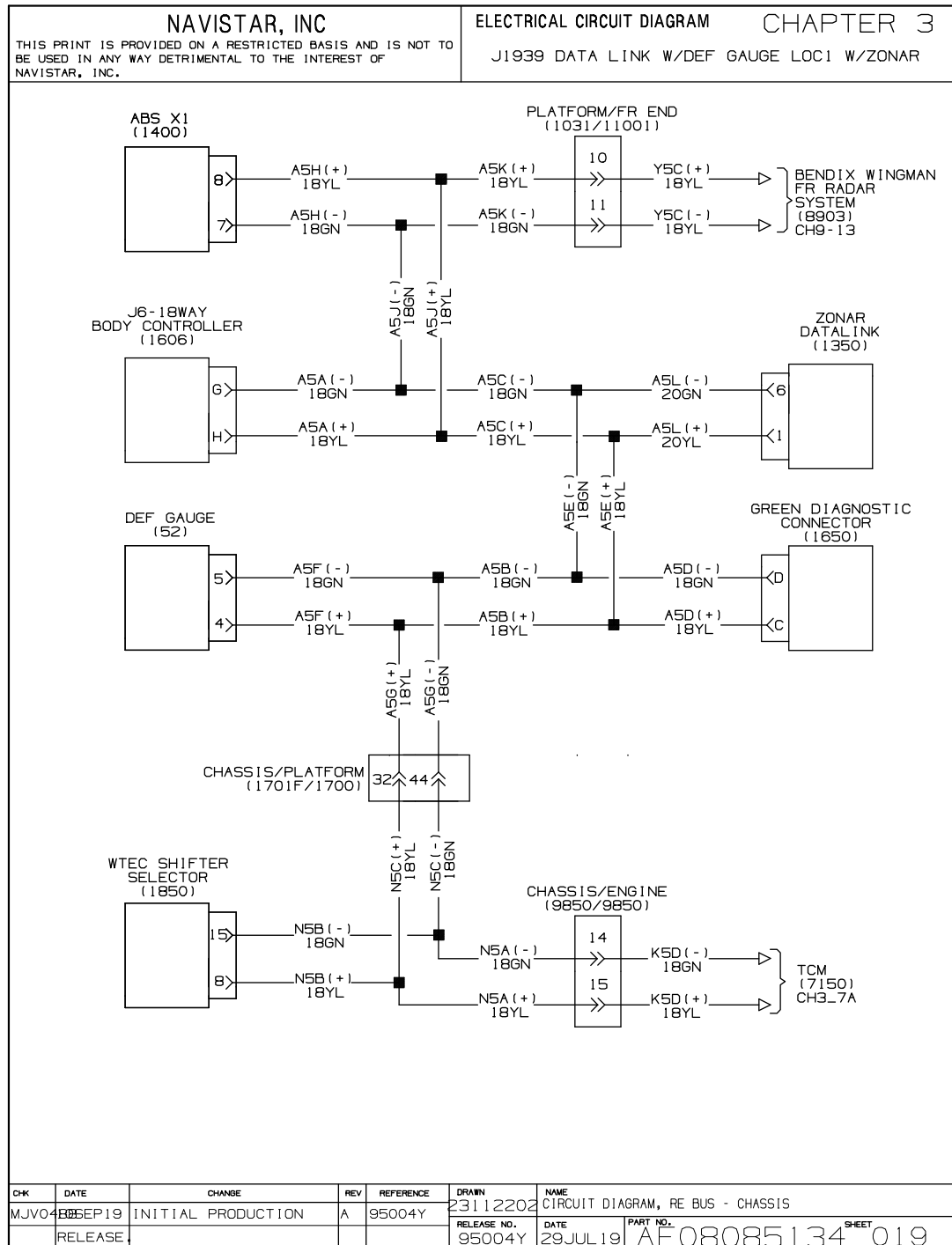


Figure 43 J1939 DataLink w/DEF Gauge LOC1 w/ Zonar

CHARGING AND CRANKING SYSTEM (CHAPTER 4)

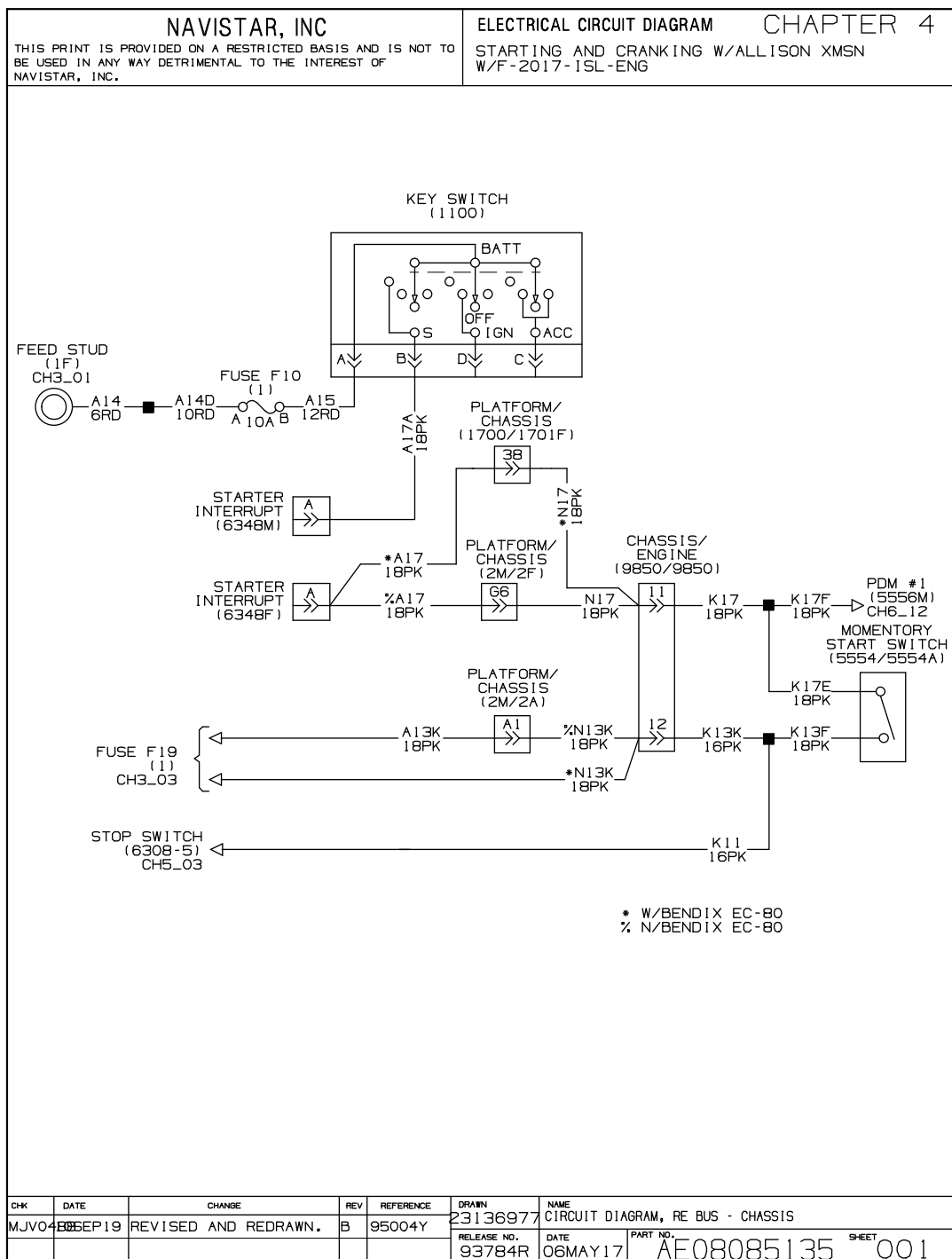
4.1. STARTING AND CRANKING W/ ALLISON TRANSMISSION W/F 2017 ISL ENGINE,
P. 1

Figure 44 Starting and Cranking w/ Allison Transmission w/F 2017 ISL Engine

4.2. STARTING AND CRANKING W/ ALLISON TRANSMISSION W/F 2017 ISL ENGINE, P. 2

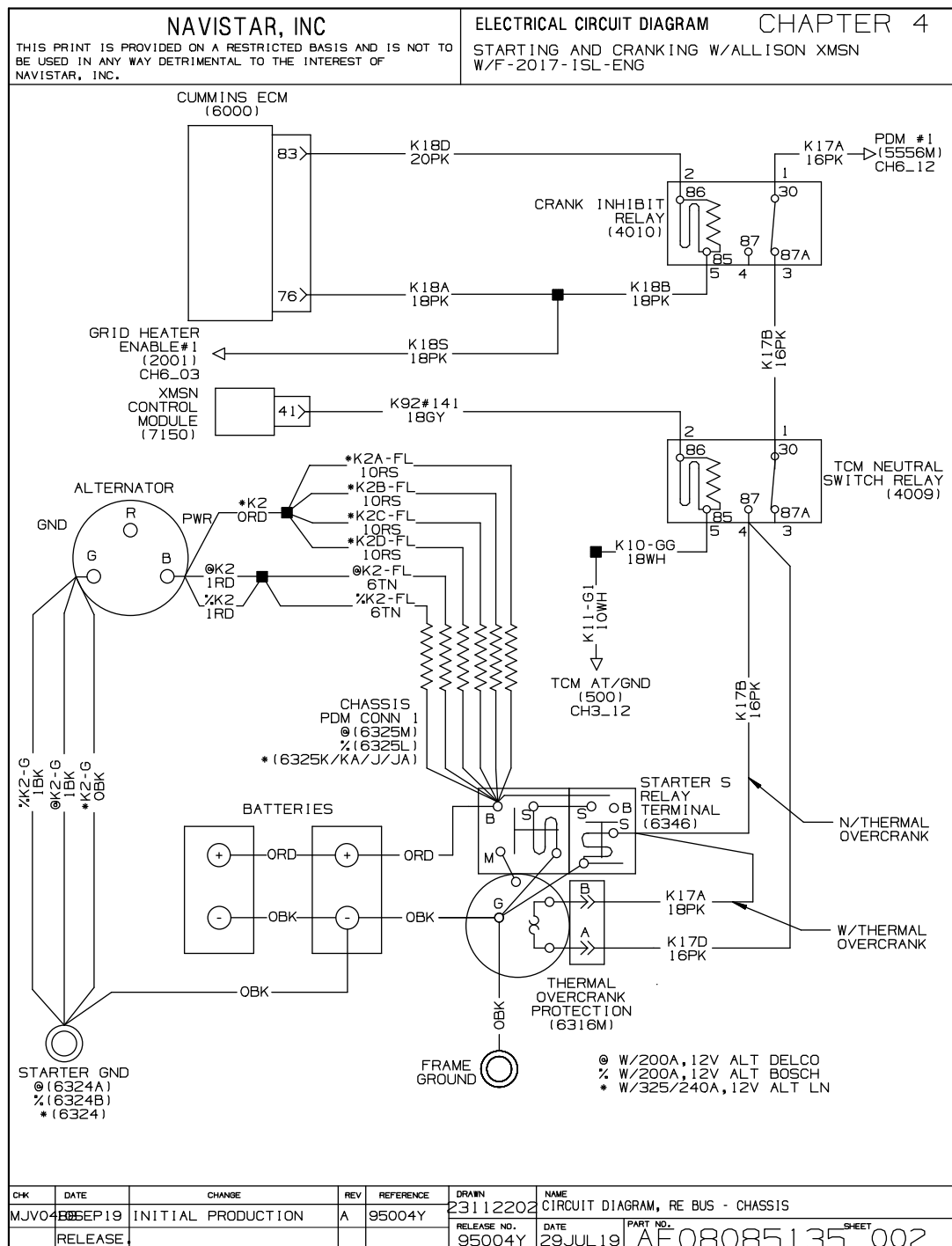


Figure 45 Starting and Cranking w/ Allison Transmission w/F 2017 ISL Engine

GAUGES AND WARNING LIGHTS (CHAPTER 5)

5.1. FUEL LEVEL GAUGE, P. 1

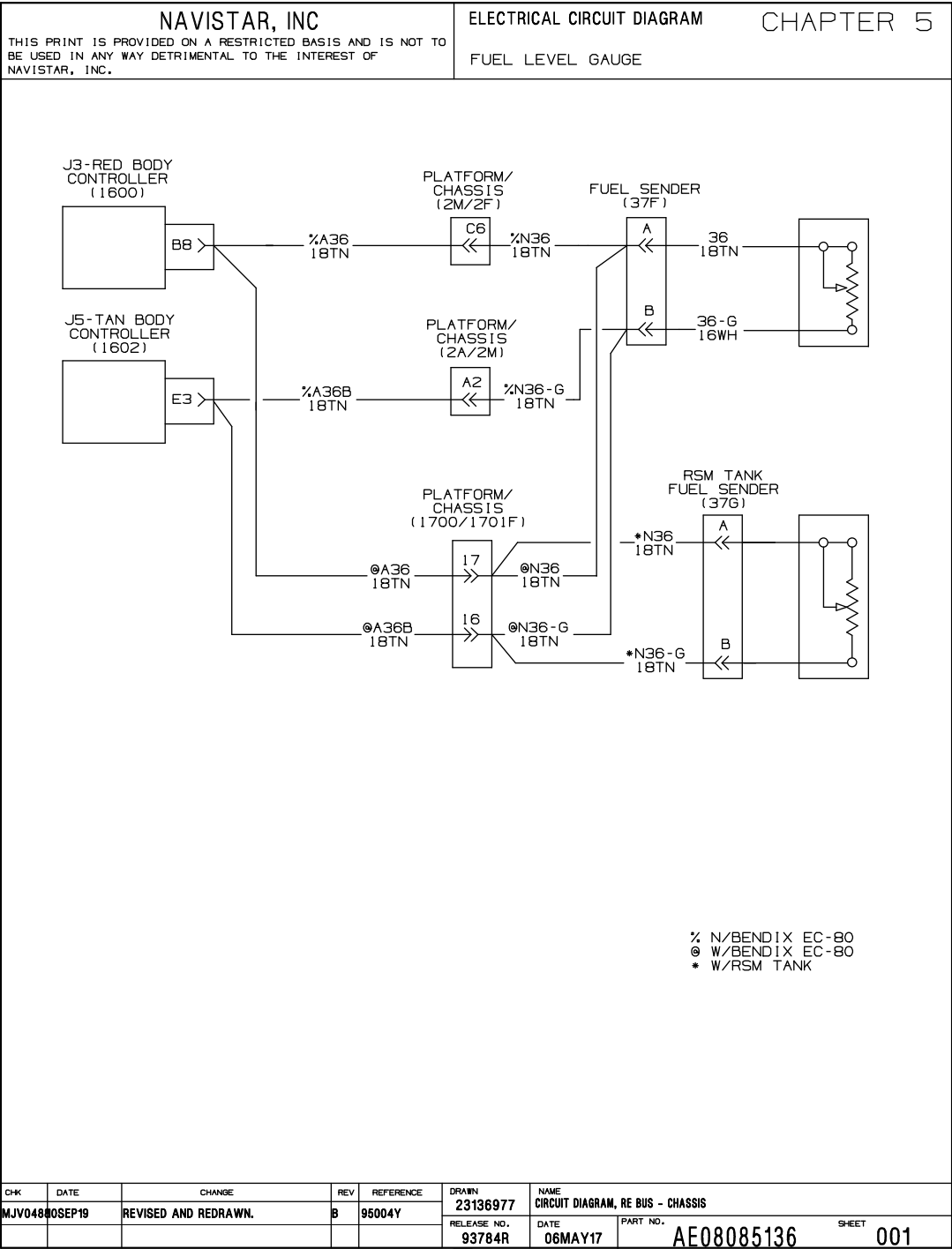


Figure 46 Fuel Level Gauge

5.2. TRANSMISSION OIL TEMPERATURE GAUGE, P. 2

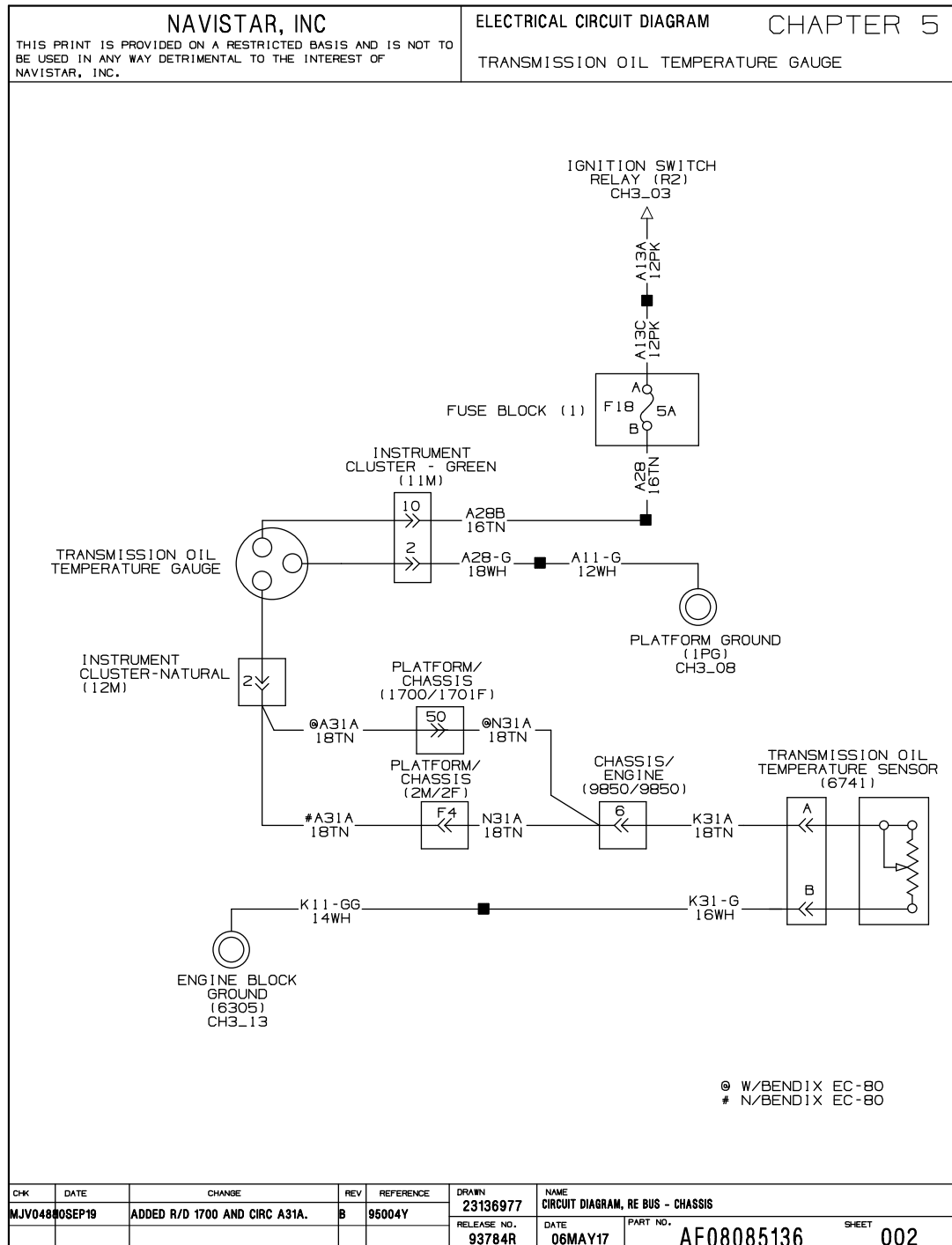


Figure 47 Transmission Oil Temperature Gauge

5.3. DEF GAUGE W / AMMETER 300AMP, P. 3

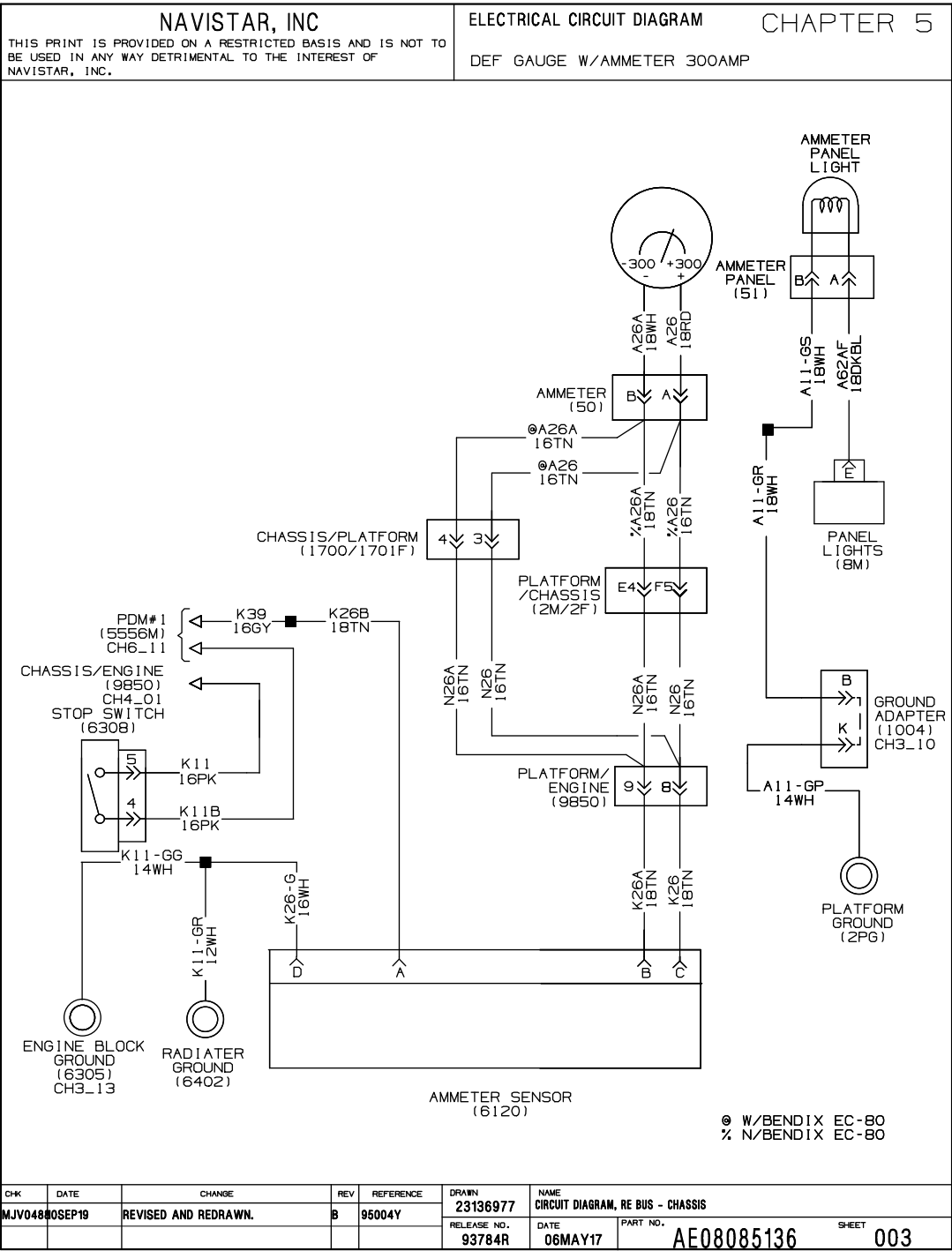


Figure 48 DEF Gauge w/Ammeter 300AMP

5.4. DEF GAUGE WITHOUT AMMETER 300AMP, P. 4

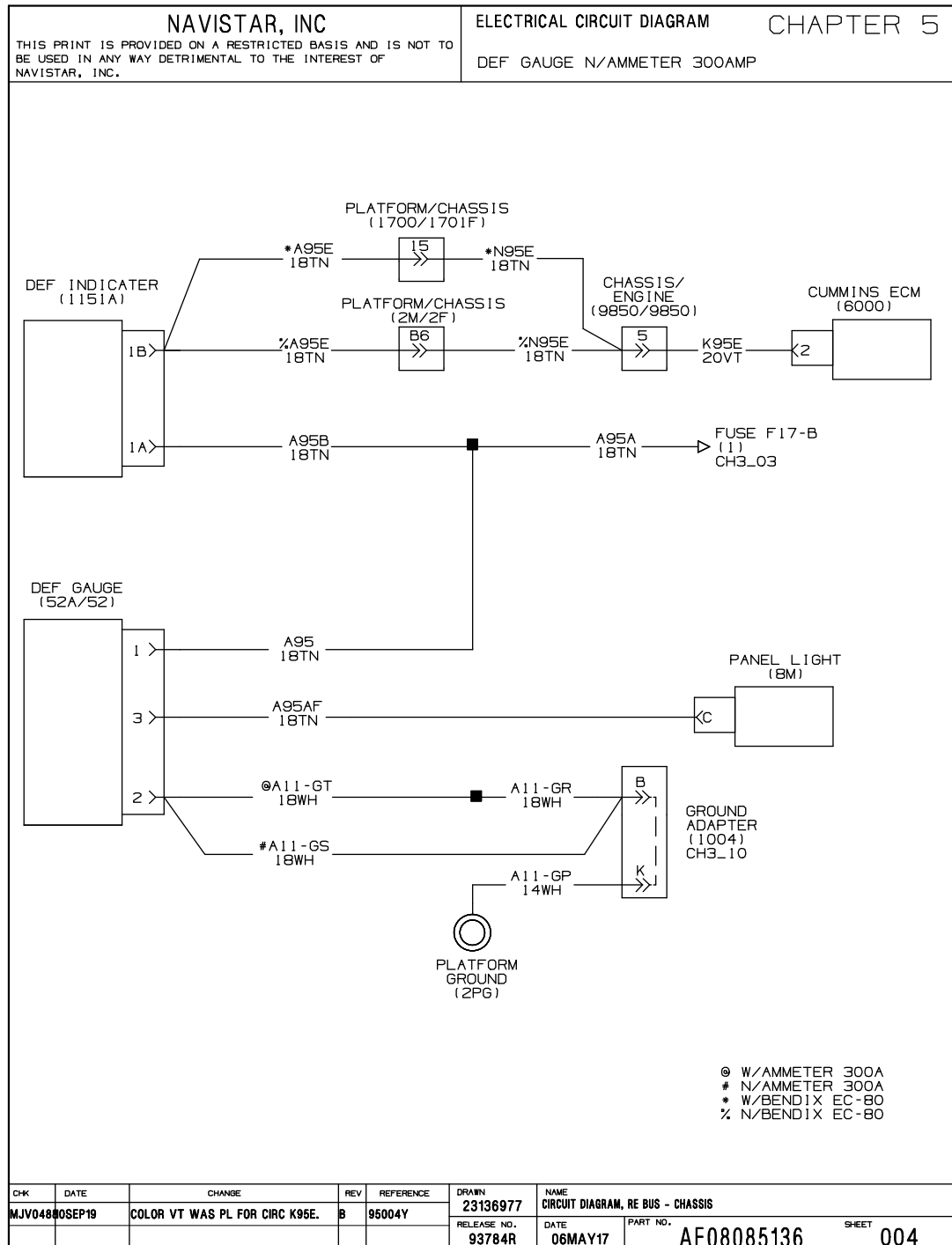


Figure 49 DEF Gauge without Ammeter 300AMP

5.5. ENGINE OIL PRESSURE, SPEEDOMETER, TACHOMETER, WATER TEMPERATURE, VOLTMETER, P. 5

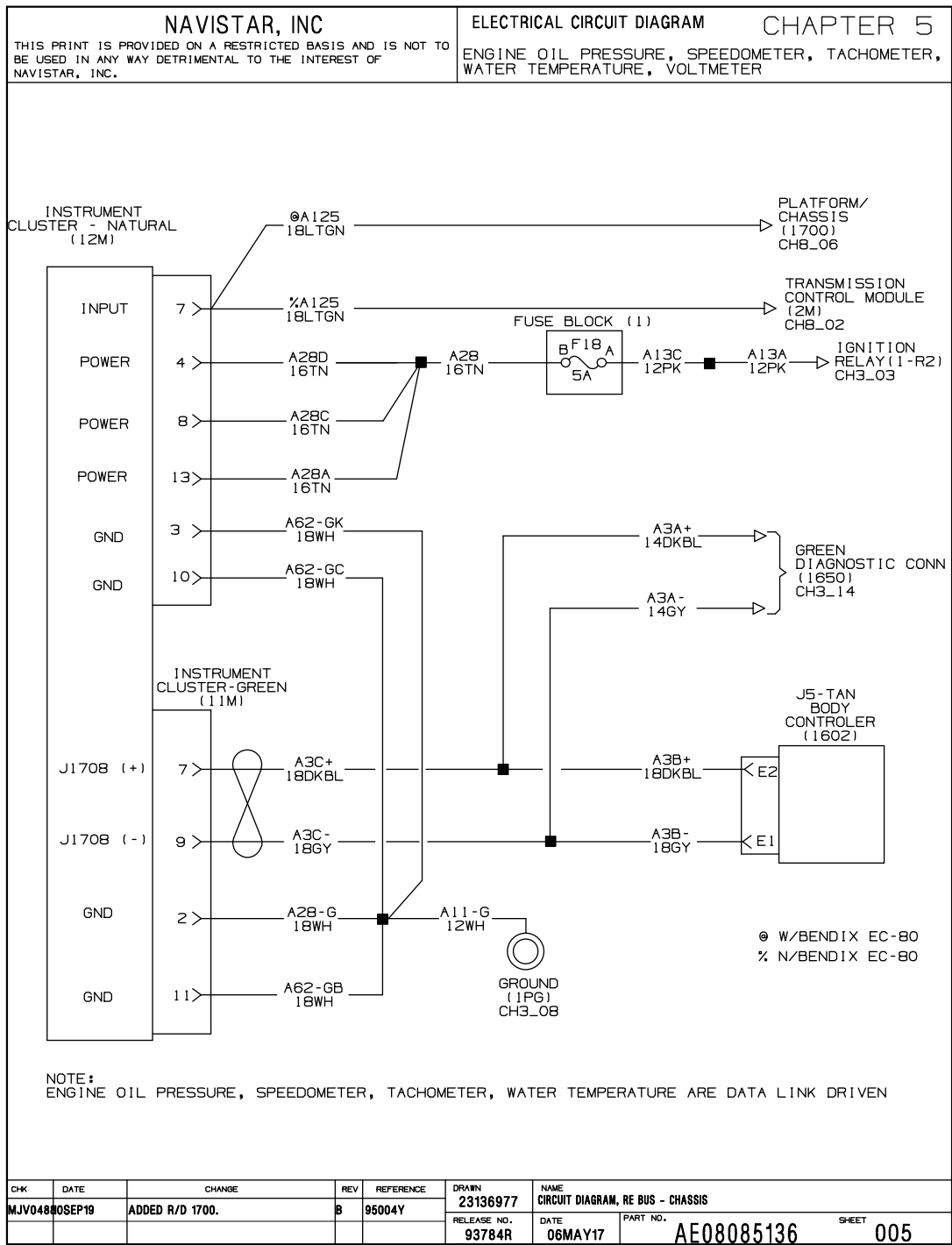


Figure 50 Engine Oil Pressure, Speedometer, Tachometer, Water Temperature, Voltmeter

5.6. PARK BRAKE INDICATOR LIGHT, P. 6

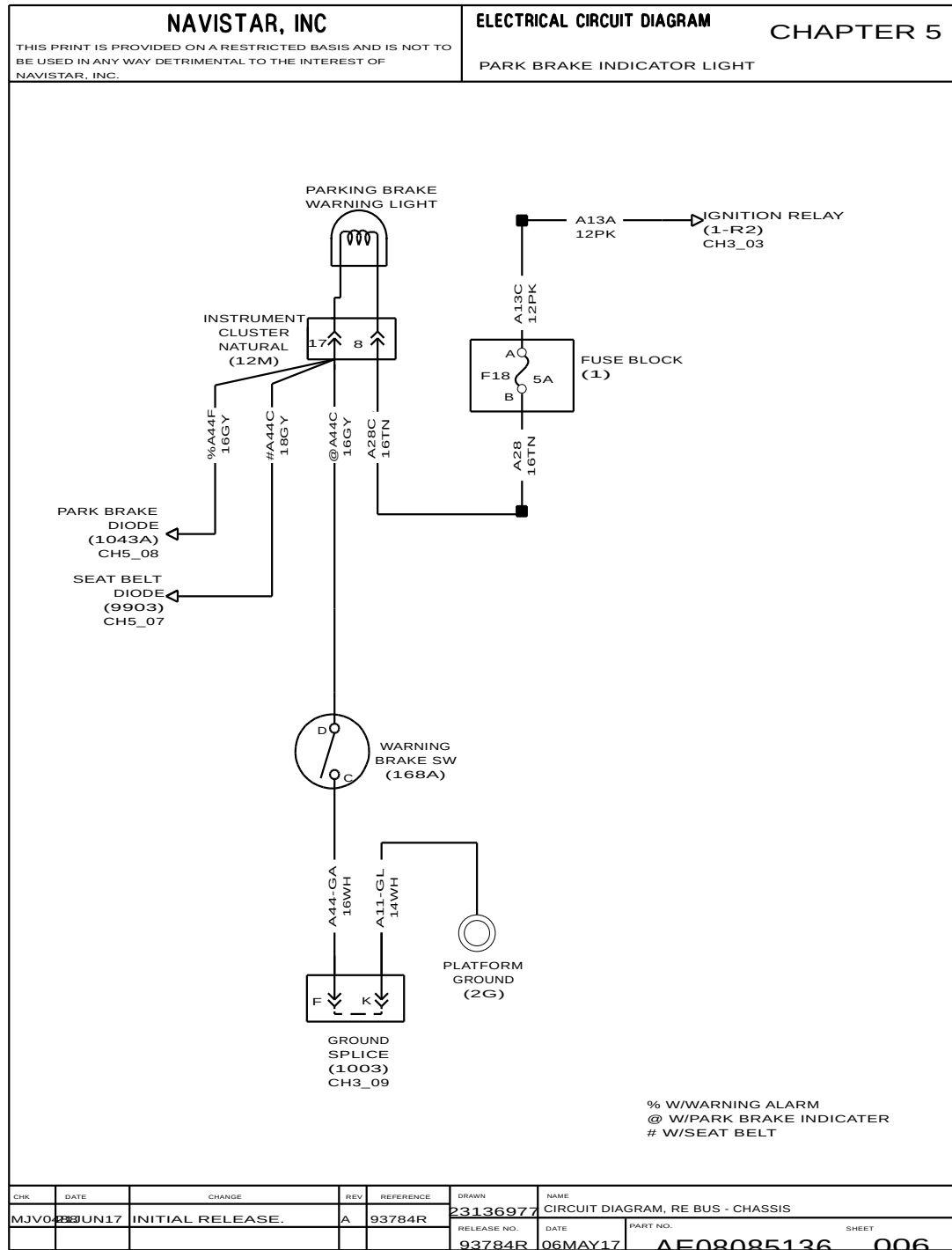


Figure 51 Park Brake Indicator Light

5.7. PARK BRAKE INDICATOR LIGHT W / SEAT BELT, P. 7

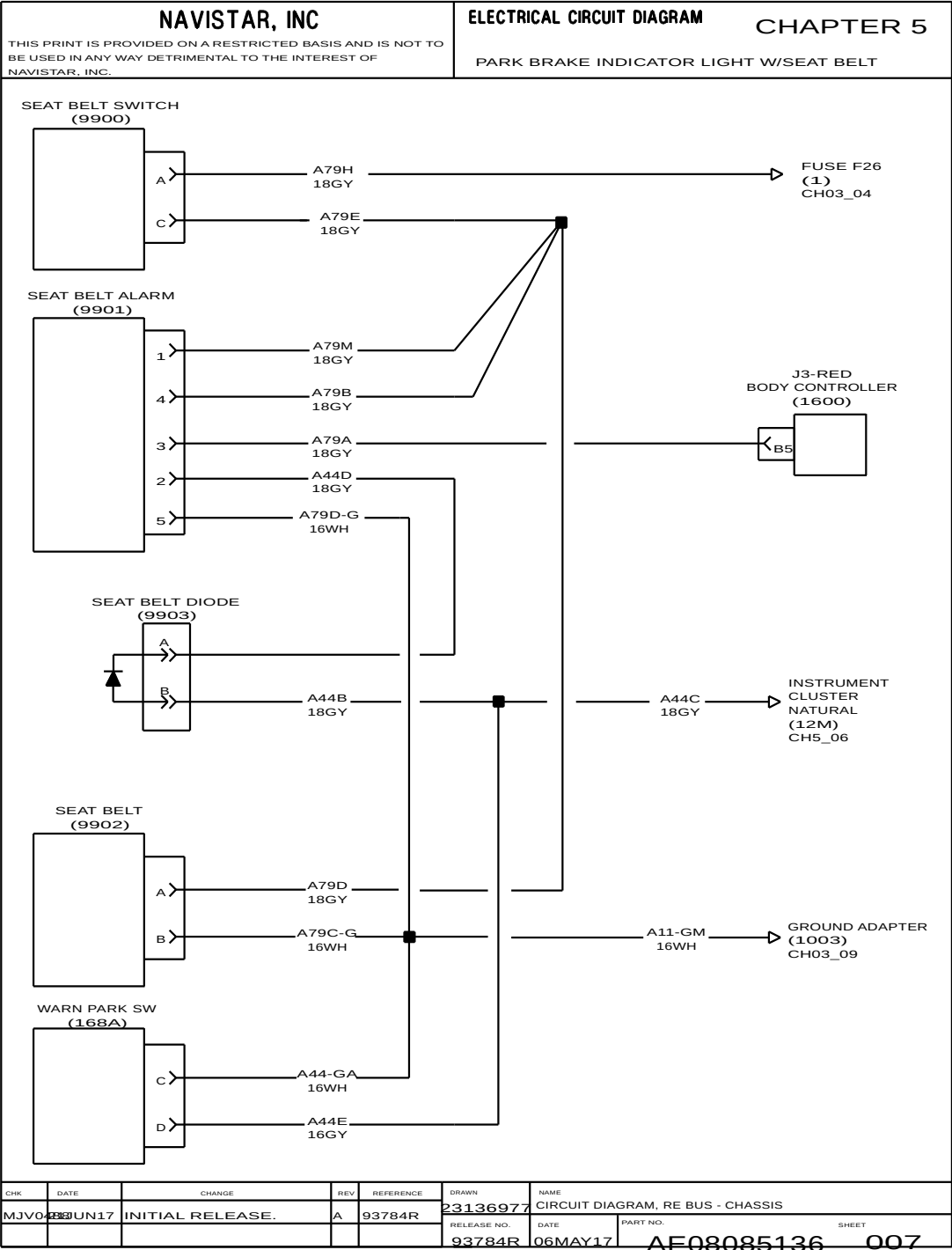


Figure 52 Park Brake Indicator Light w / Seat Belt

5.8. PARK BRAKE W / WARNING ALARM, P. 8

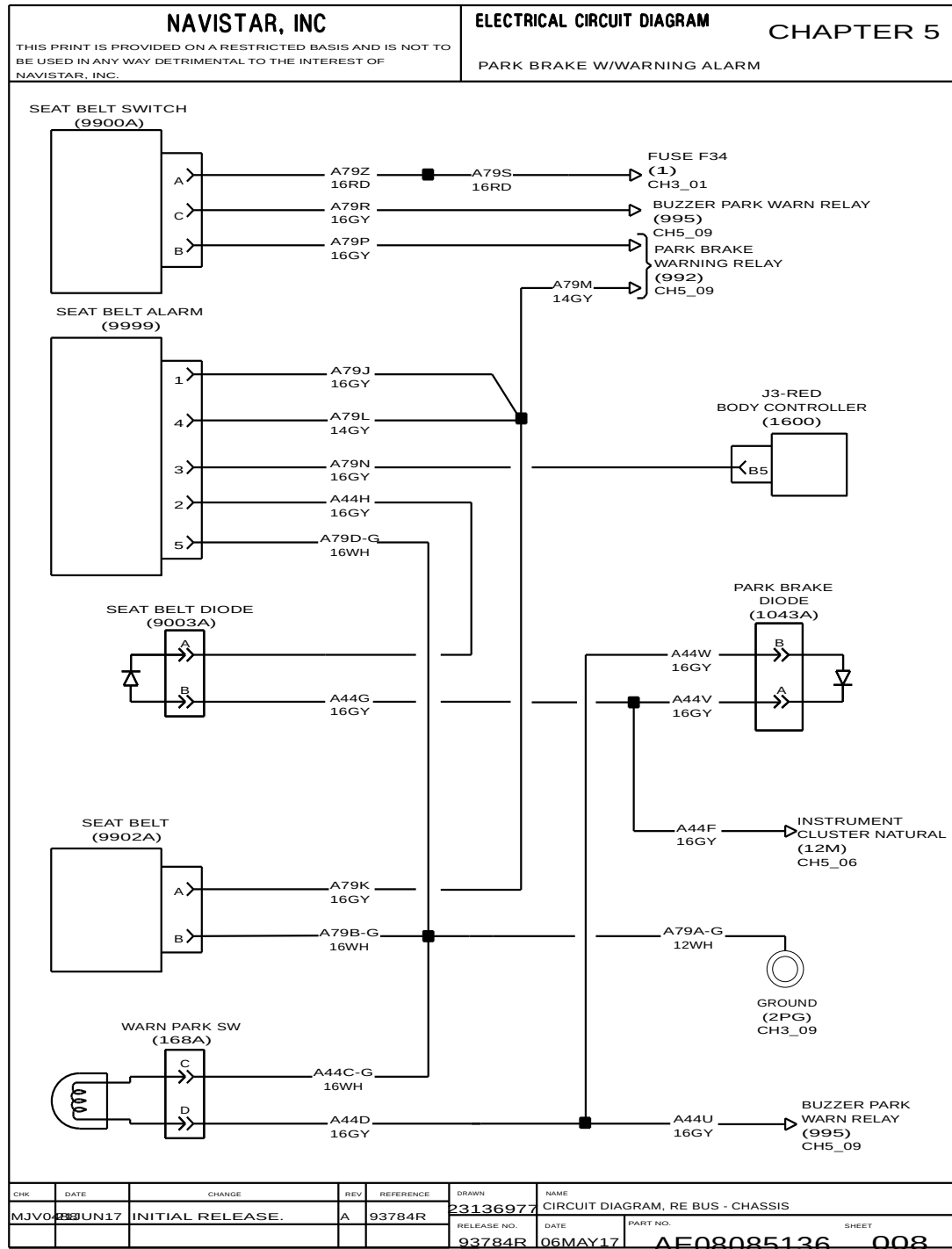


Figure 53 Park Brake w / Warning Alarm



5.10. PARK BRAKE INTERLOCKS, P. 10

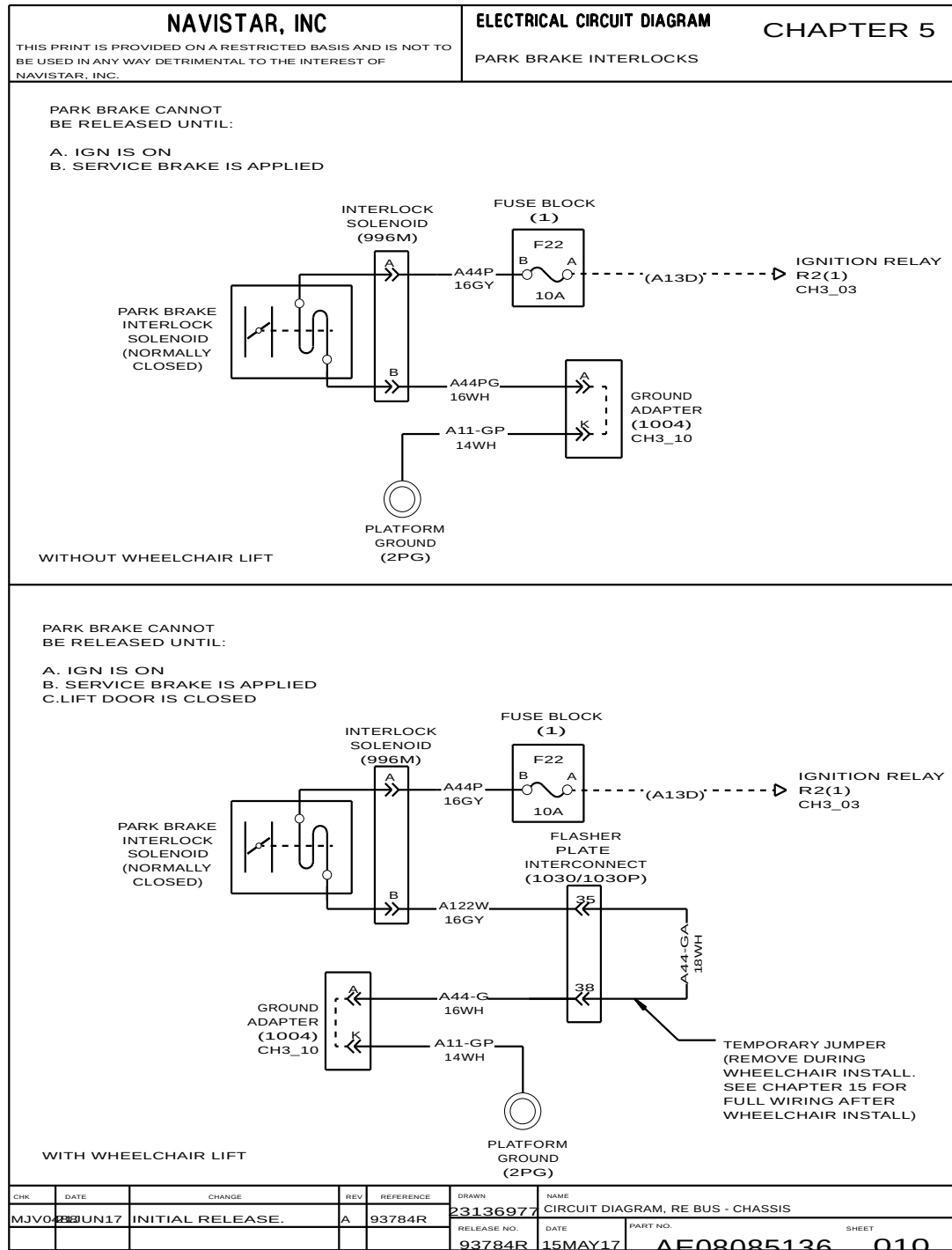


Figure 55 Park Brake Interlocks

5.11. LOW AIR PRESSURE AIR AUDIBLE ALARM, P. 11

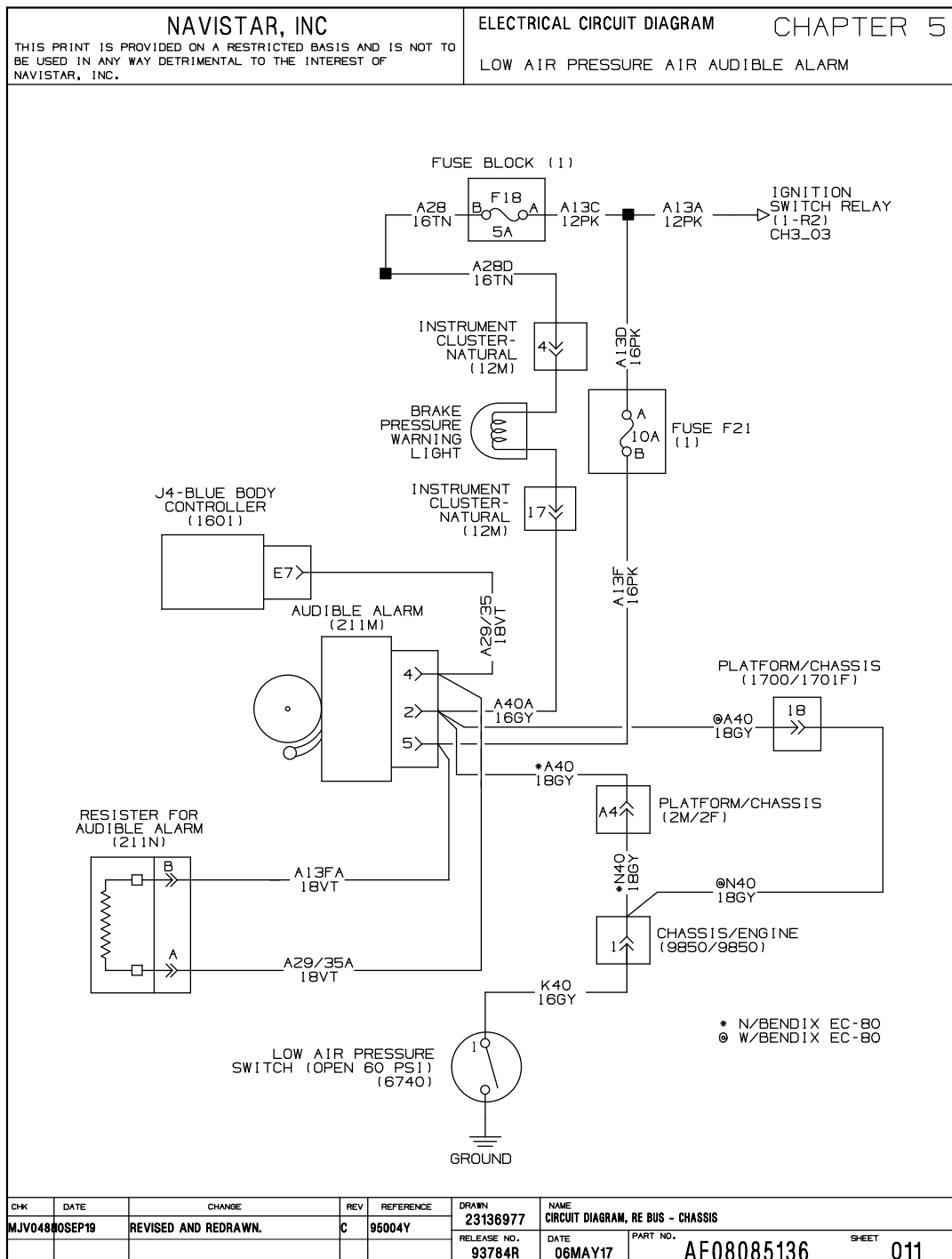


Figure 56 Low Air Pressure Air Audible Alarm

5.12. MALFUNCTION INDICATOR LIGHT (MIL) WITHOUT BENDIX EC-80, P. 12

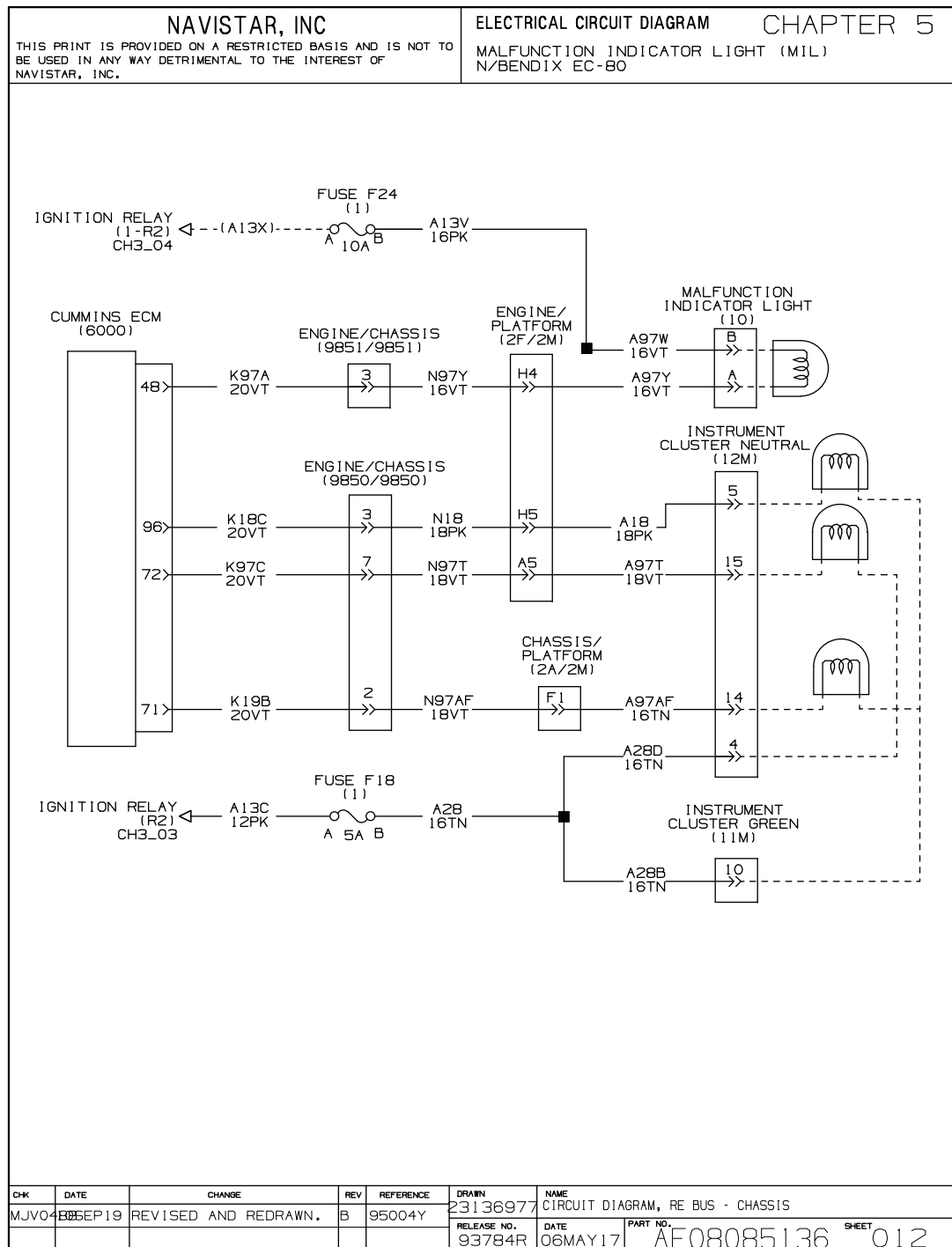


Figure 57 Malfunction Indicator Light (MIL) without Bendix EC-80

5.13. MALFUNCTION INDICATOR LIGHT (MIL) W/ BENDIX EC-80, P. 12A

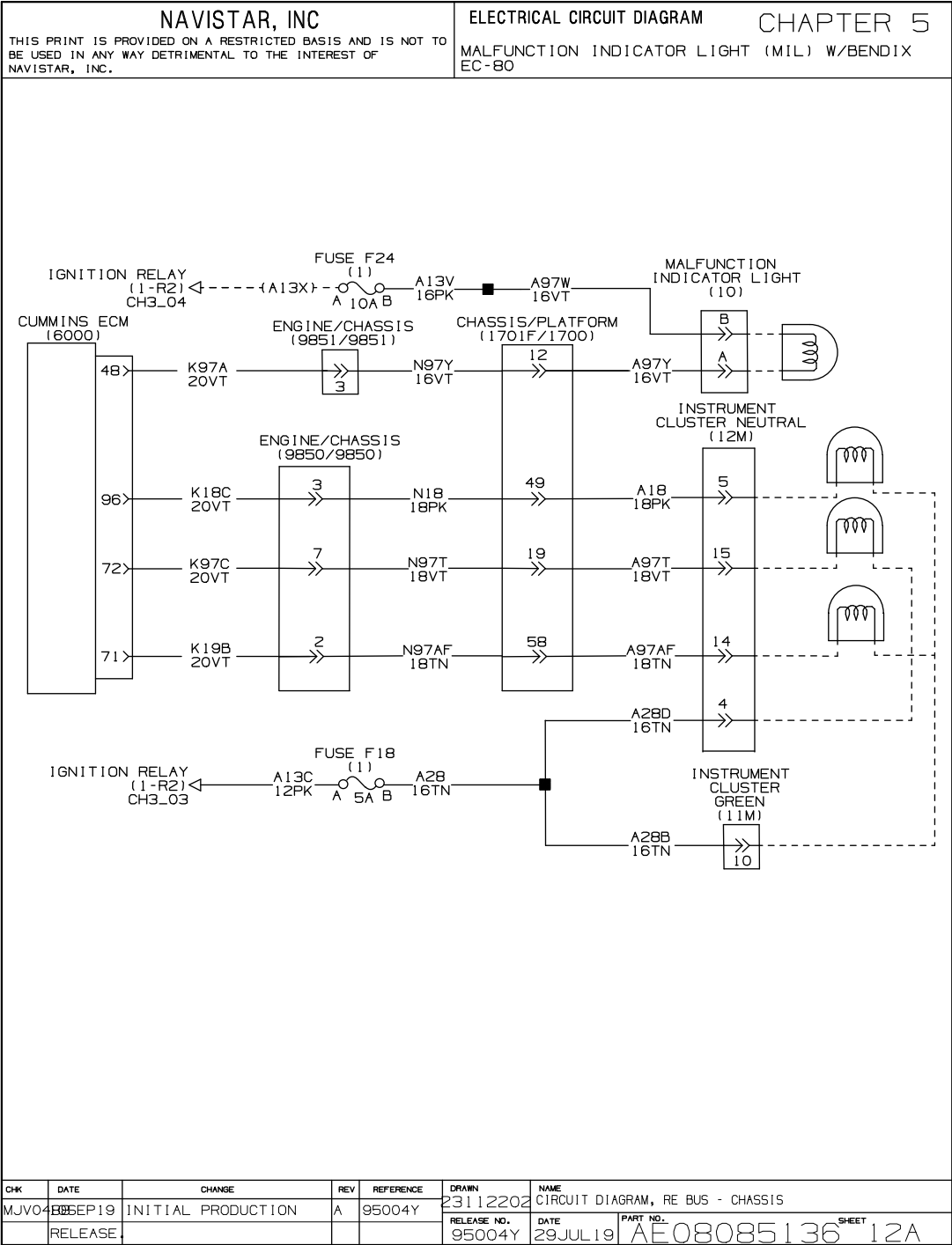


Figure 58 Malfunction Indicator Light (MIL) w/ Bendix EC-80

5.14. WATER IN FUEL LIGHT, P. 13

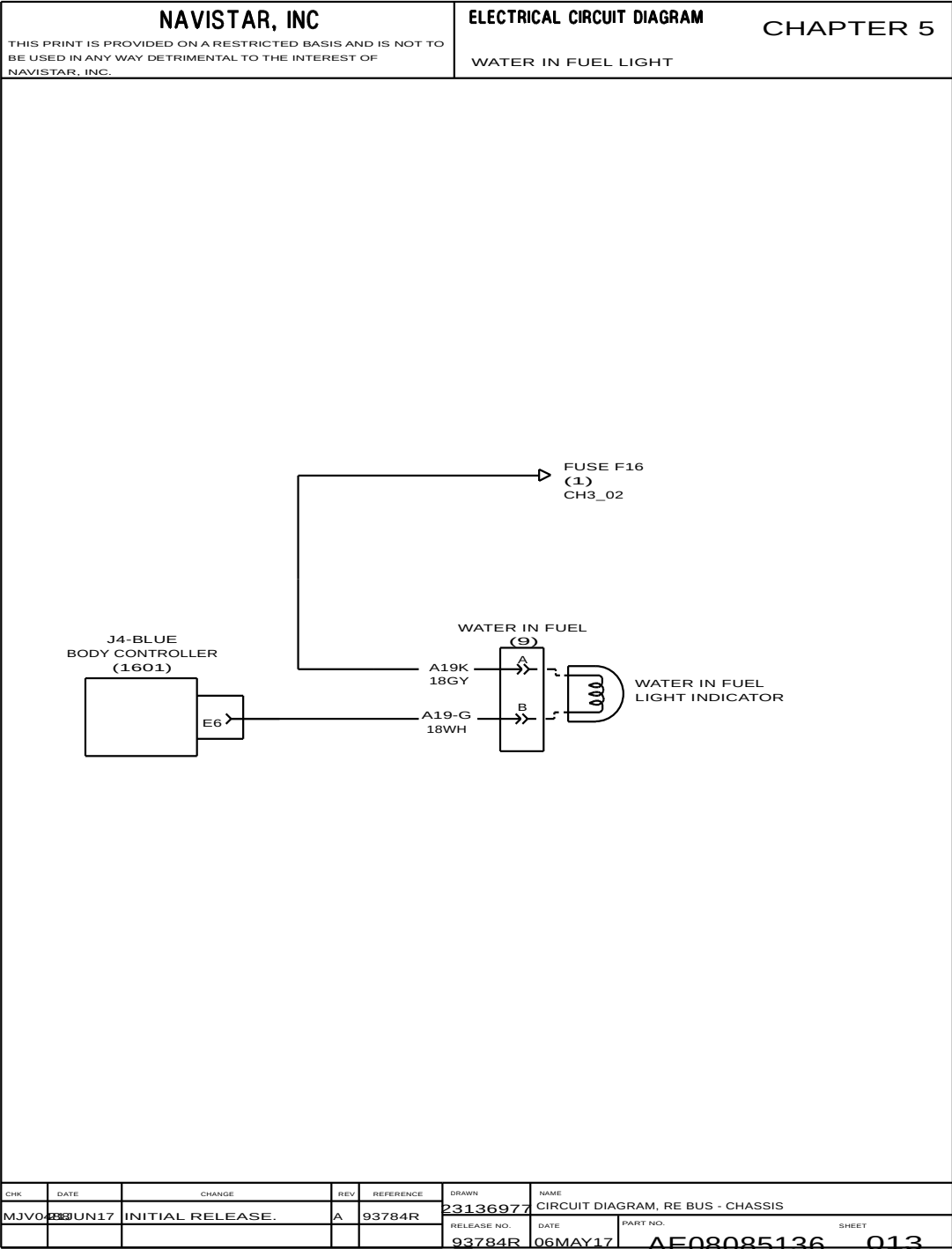


Figure 59 Water in Fuel Light

5.15. REMOTE VOLTAGE SENSE, P. 14

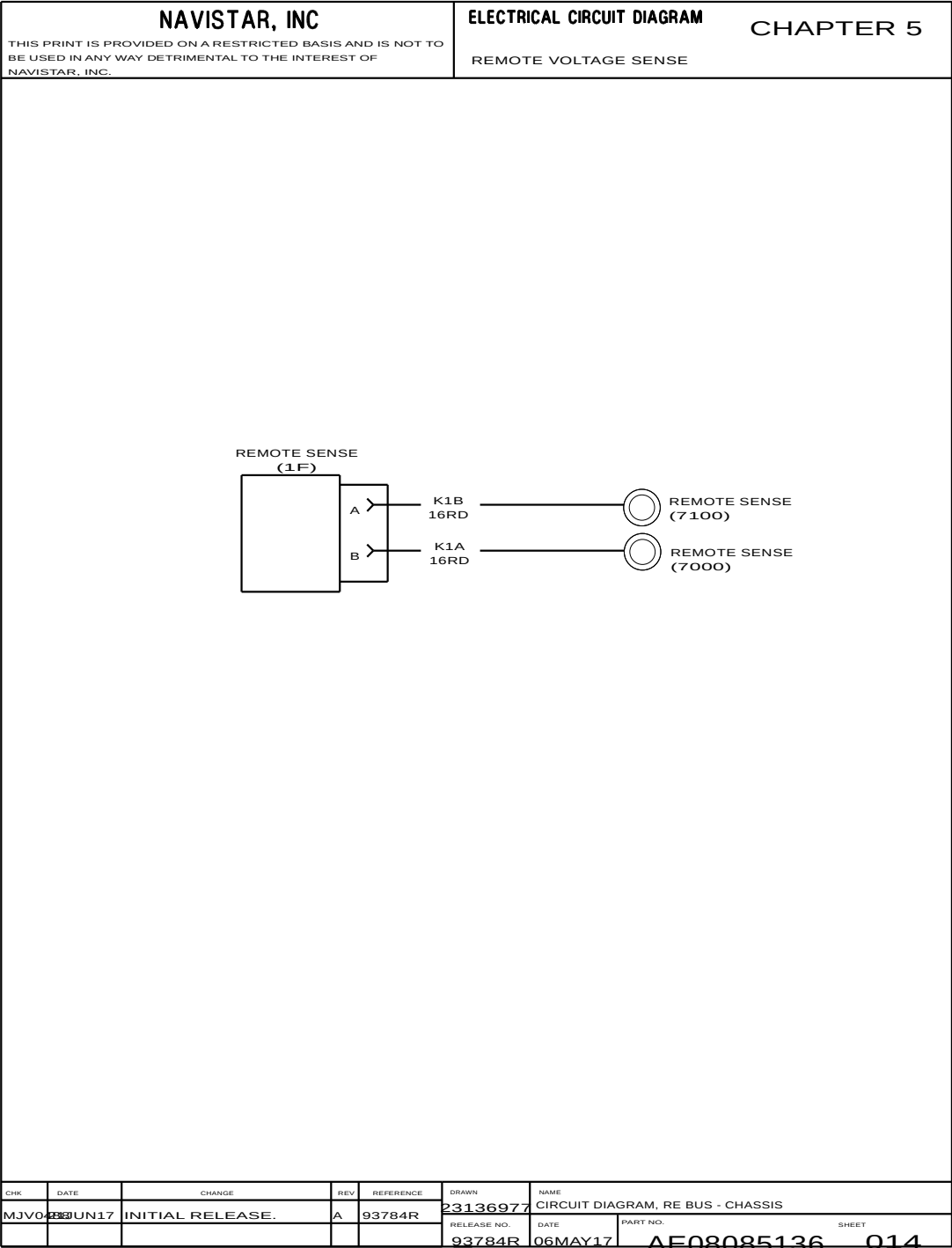


Figure 60 Remote Voltage Sense

5.16. FUEL FILTER CUMMINS STANDARD, P. 15

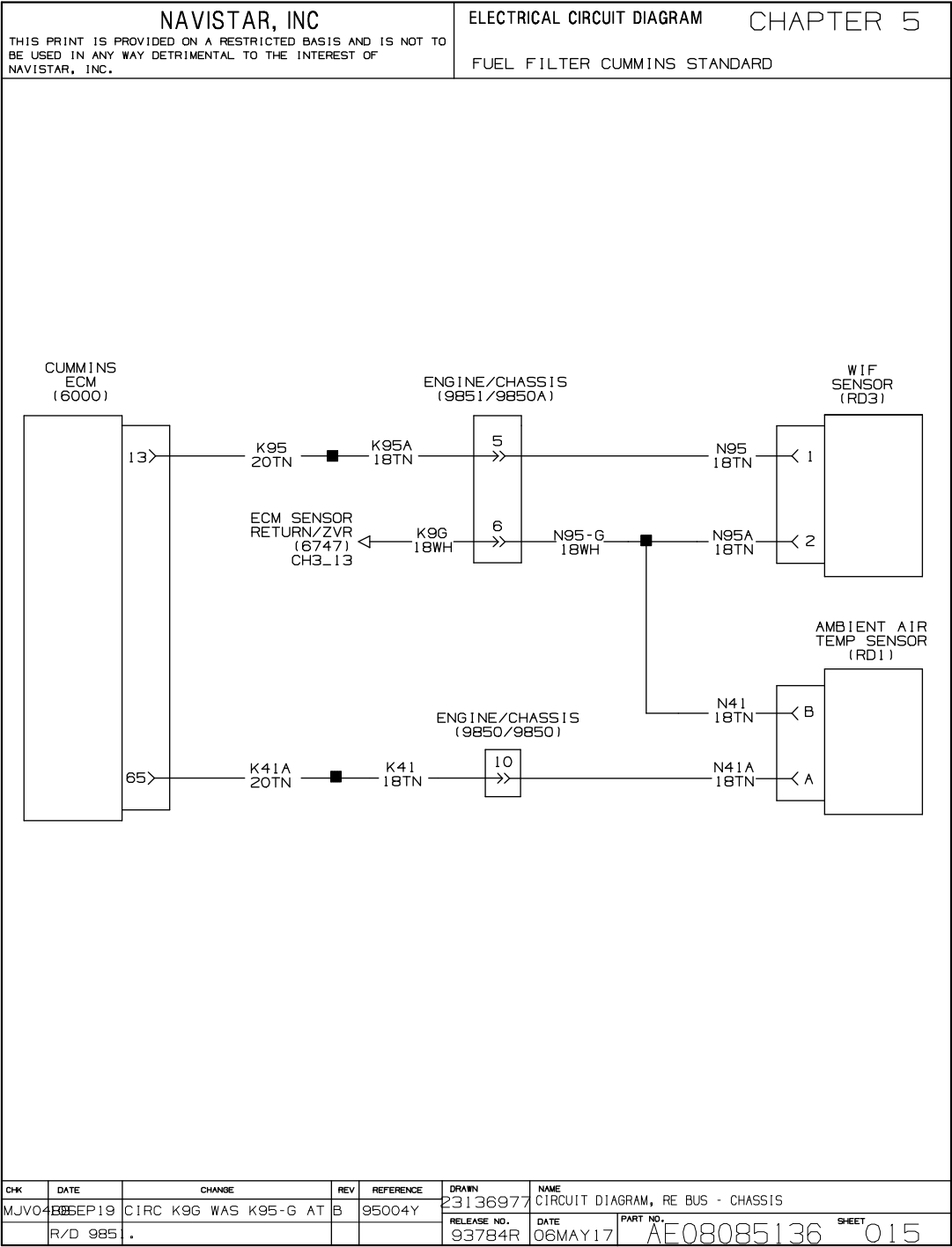


Figure 61 Fuel Filter Cummins Standard

5.17. FUEL HEATER FRONT OF FUEL TANK, P. 16

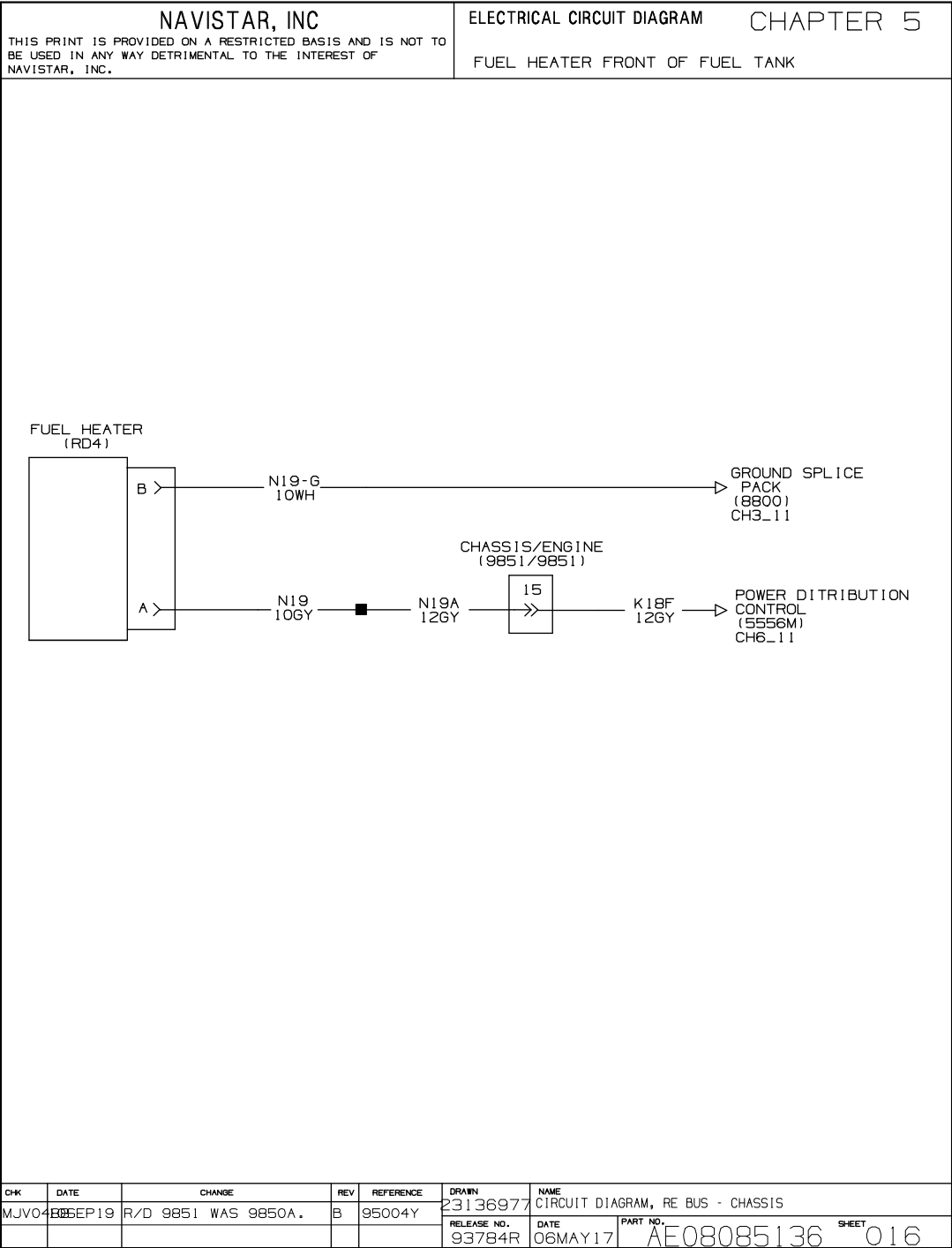


Figure 62 Fuel Heater Front of Fuel Tank

ENGINE AND ENGINE SYSTEMS (CHAPTER 6)

6.1. ELECTRONICS ENGINE CONTROL W/ F 2017 ISL ENGINE, P. 1

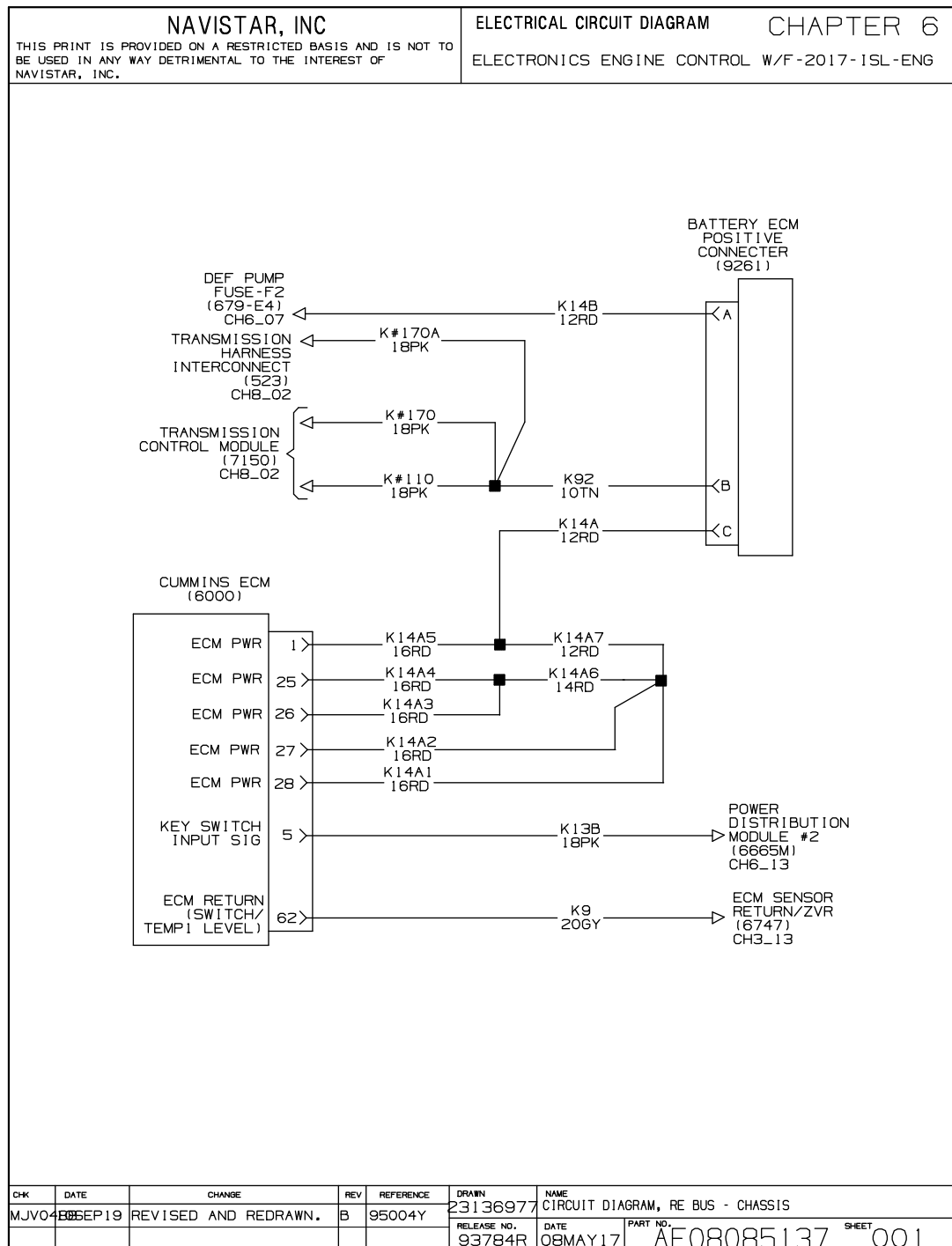


Figure 63 Electronics Engine Control W/ F 2017 ISL Engine

6.2. ELECTRONICS ENGINE CONTROL W/ F 2017 ISL ENGINE (CONT.), P. 2

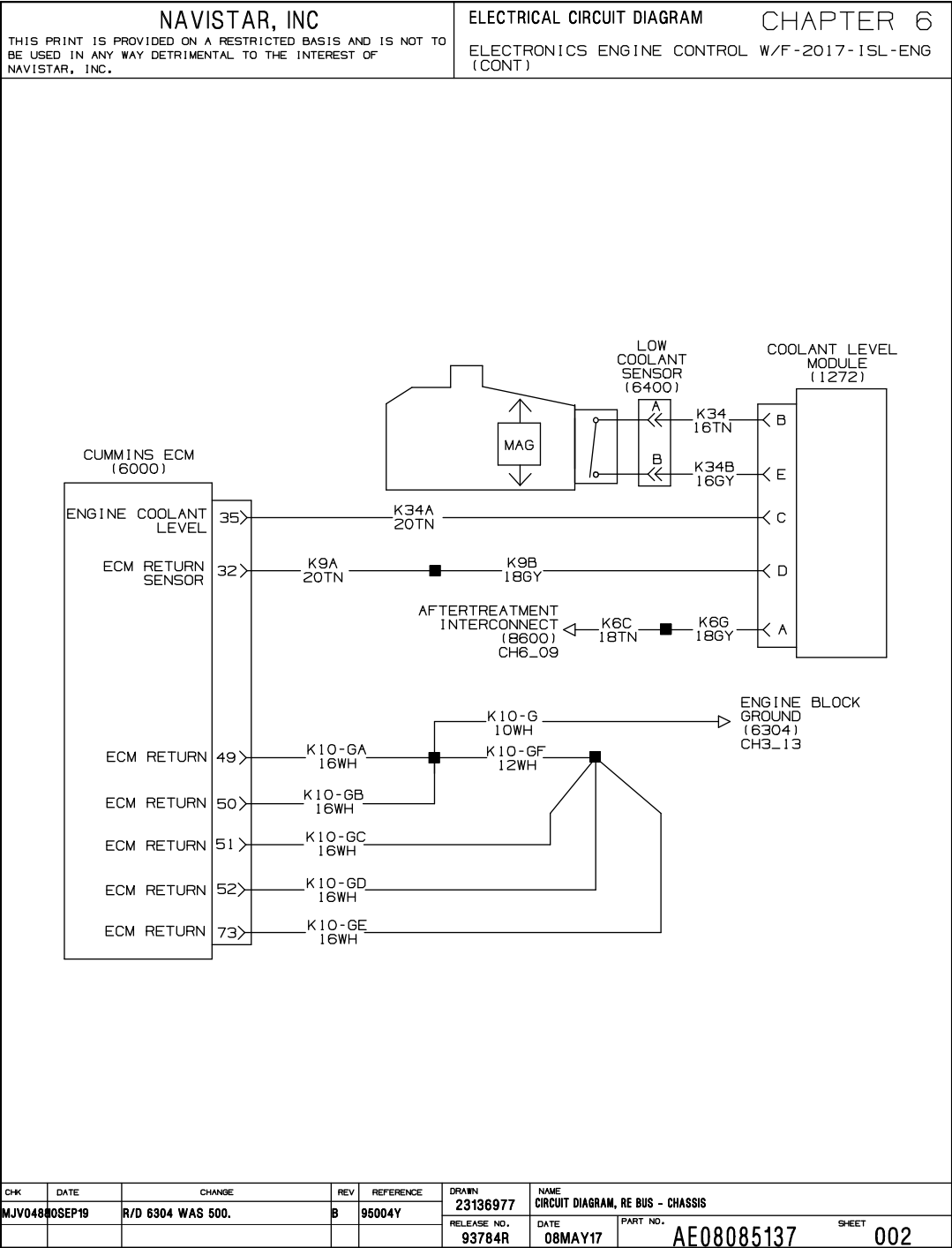


Figure 64 Electronics Engine Control W/ F 2017 ISL Engine (Cont.)

6.3. ELECTRONICS ENGINE CONTROL W/ F 2017 ISL ENGINE (CONT.), P. 3

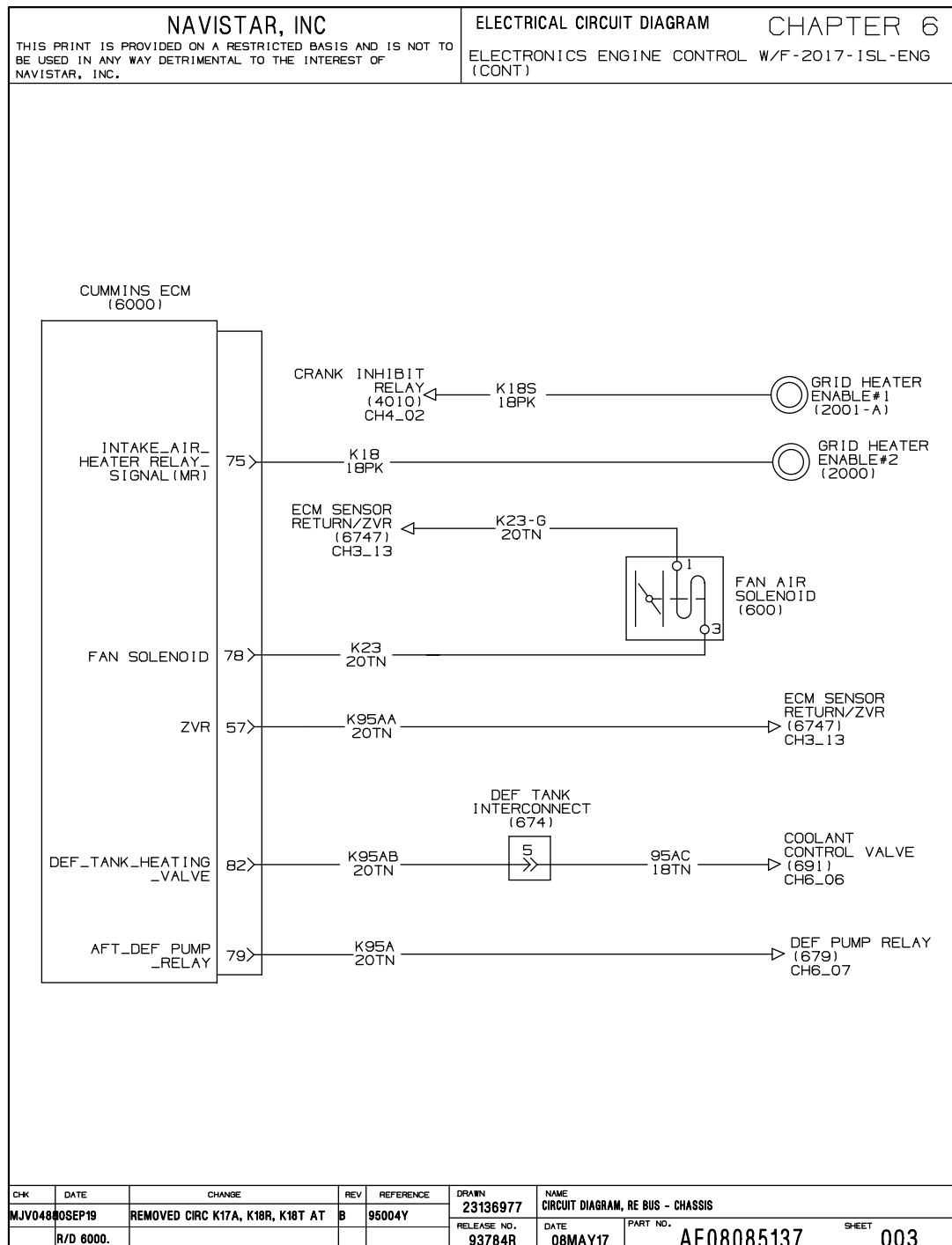


Figure 65 Electronics Engine Control W/ F 2017 ISL Engine (Cont.)

6.4. ELECTRONICS ENGINE CONTROL W/ F 2017 ISL ENGINE (CONT.), P. 4

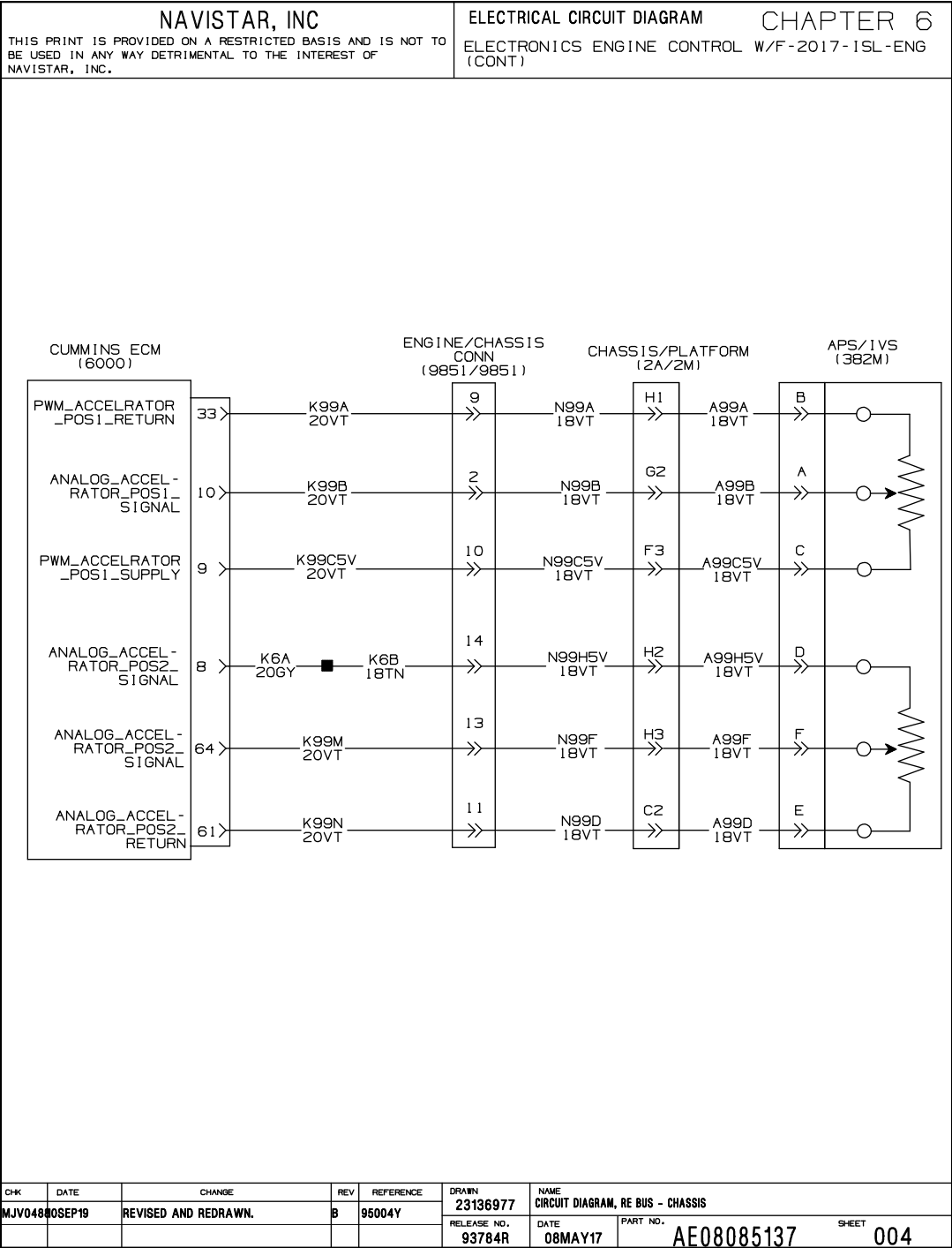


Figure 66 Electronics Engine Control W/ F 2017 ISL Engine (Cont.)

6.5. ACCELERATOR PEDAL W/BENDIX EC-80, P. 4A

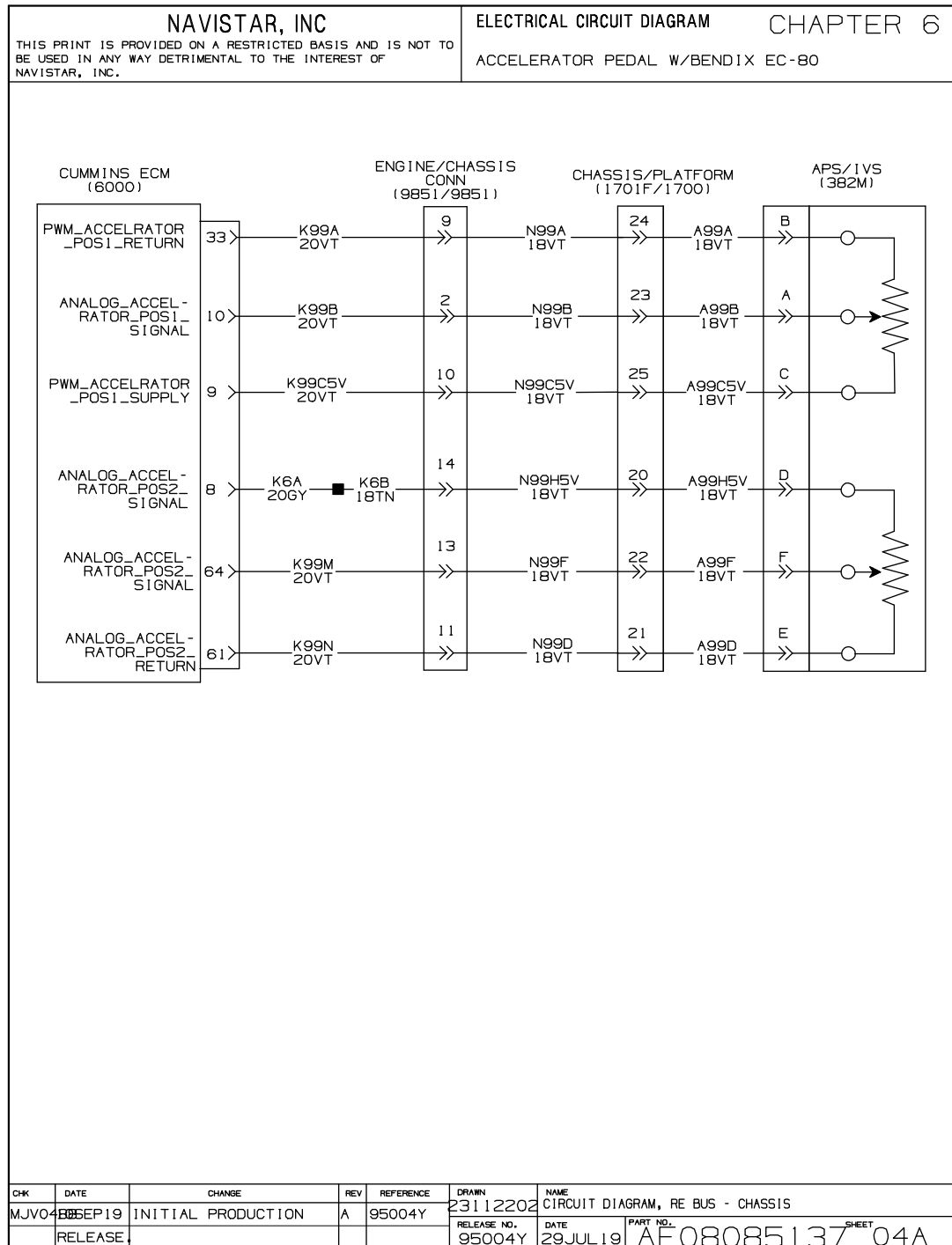


Figure 67 Accelerator Pedal w/Bendix EC-80

6.6. DEF AND AFTERTREATMENT W/ F 2017 ISL ENGINE, P. 5

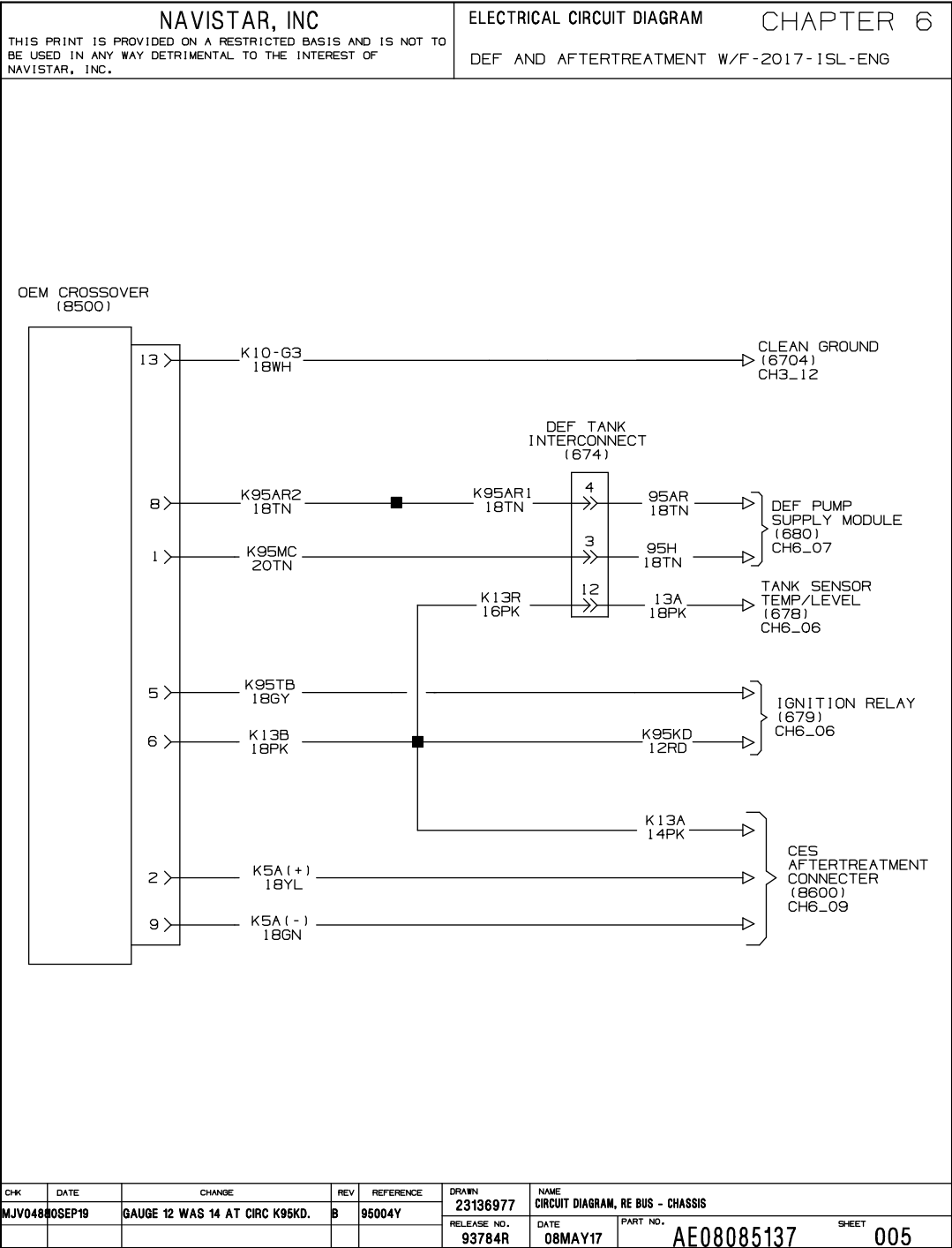


Figure 68 DEF and Aftertreatment W/ F 2017 ISL Engine



6.9. DEF AND AFTERTREATMENT W/ F 2017 ISL ENGINE (CONT.), P. 8

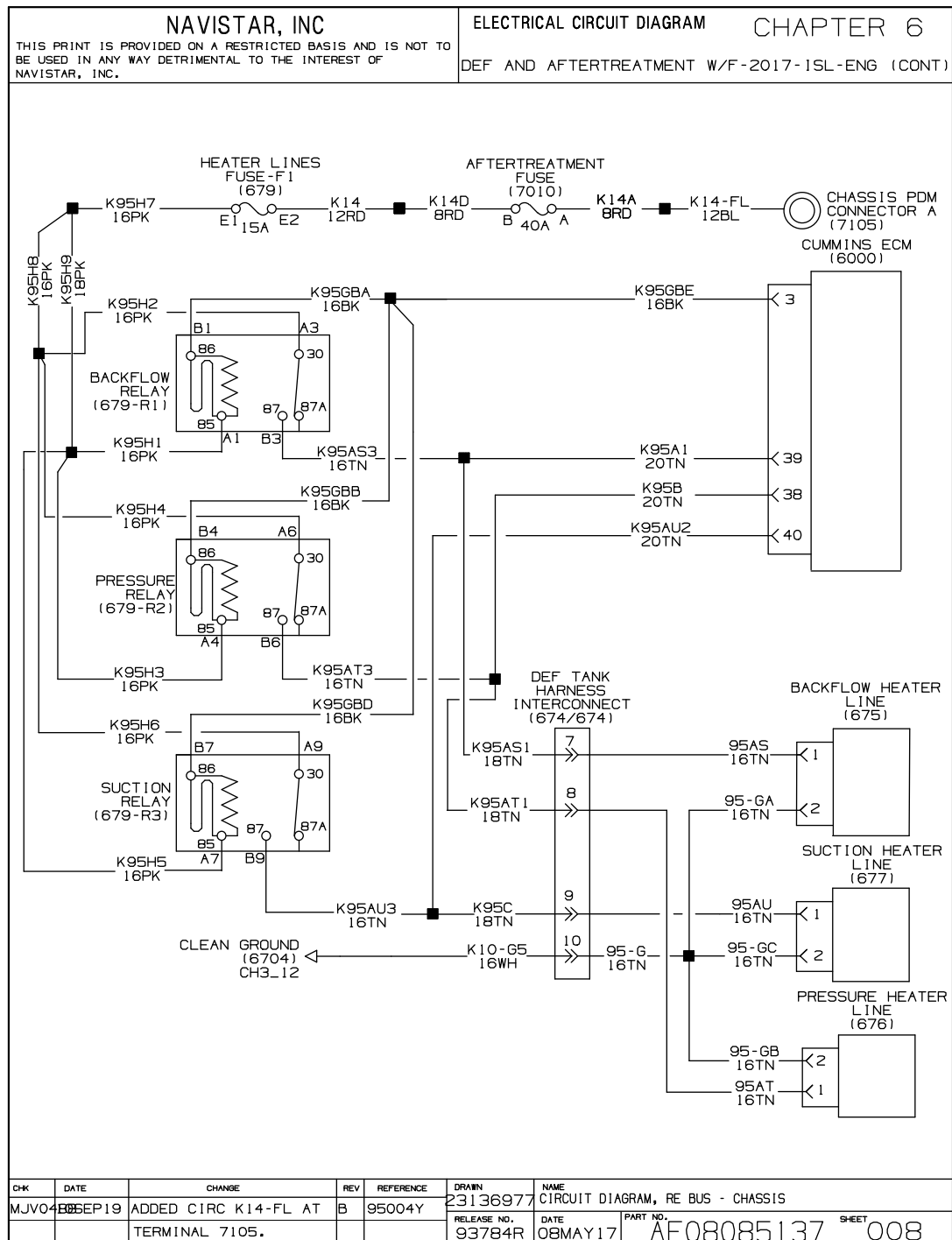


Figure 71 DEF and Aftertreatment W/ F 2017 ISL Engine (Cont.)

6.10. DEF AND AFTERTREATMENT W/ F 2017 ISL ENGINE (CONT.), P. 9

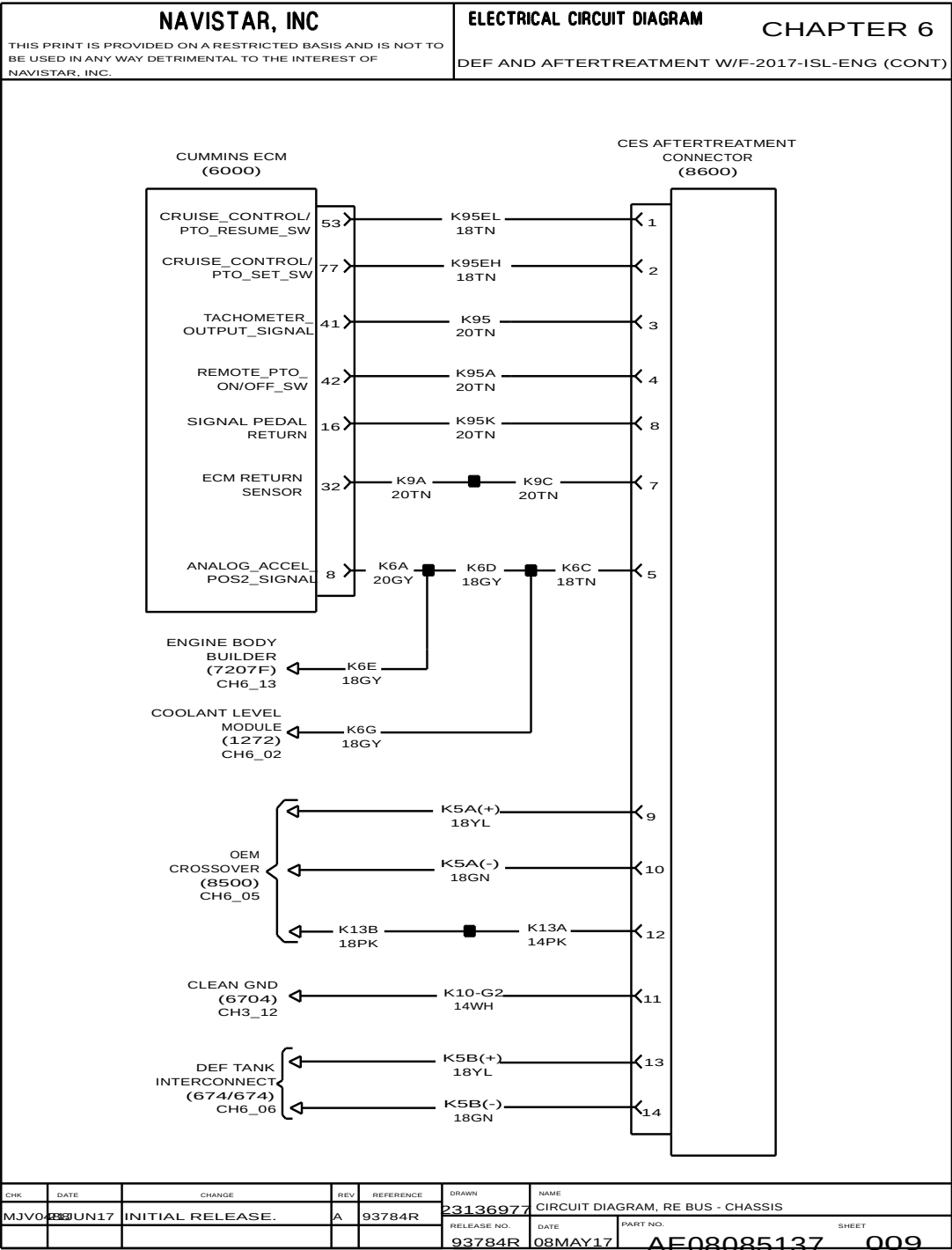


Figure 72 DEF and Aftertreatment W/ F 2017 ISL Engine (Cont.)

6.11. PDM PRODUCT GRAPHICS W/ F 2017 ISL ENGINE, P. 10

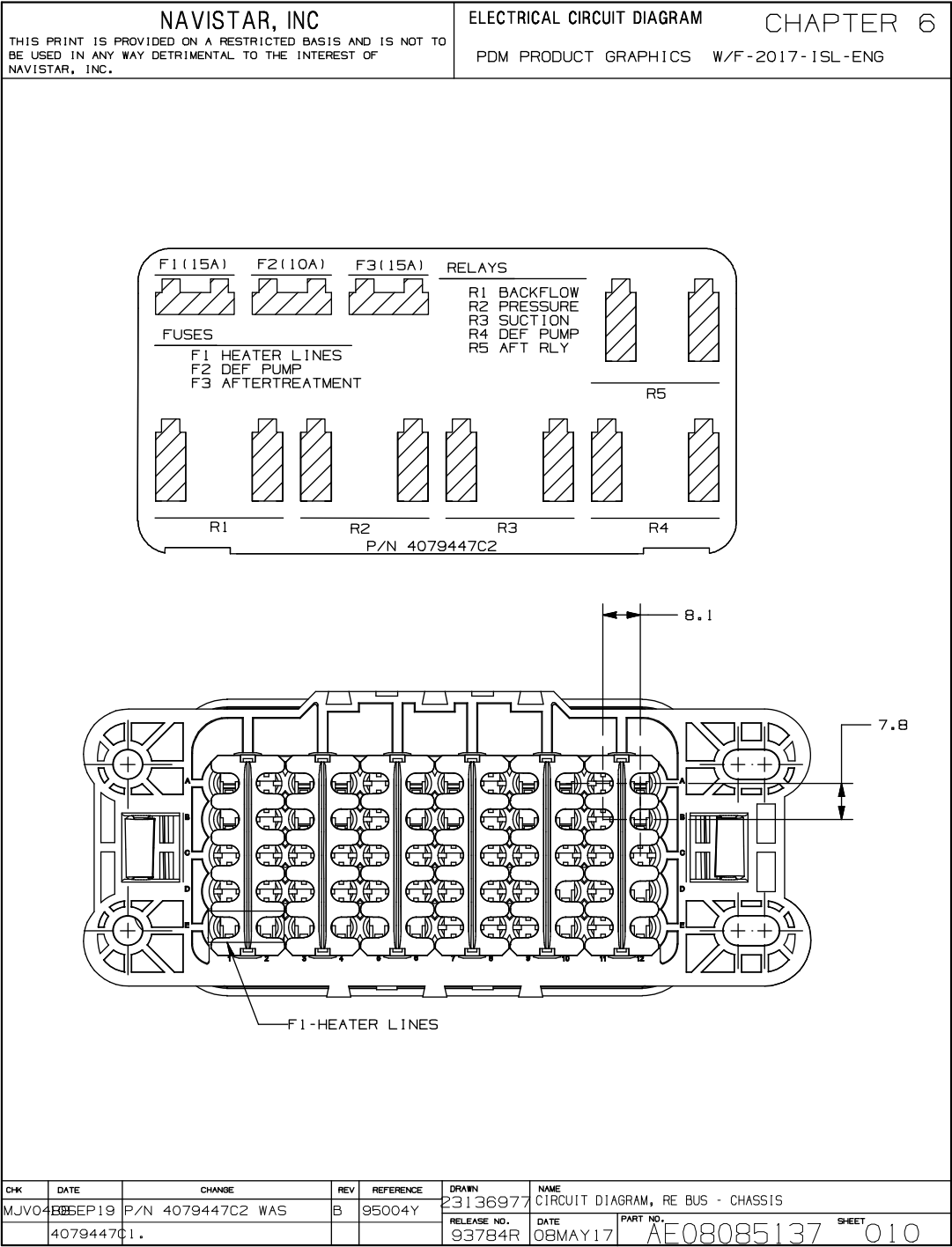


Figure 73 PDM Product Graphics W/ F 2017 ISL Engine

6.12. POWER DISTRIBUTION CONTROL MODULE, P. 11

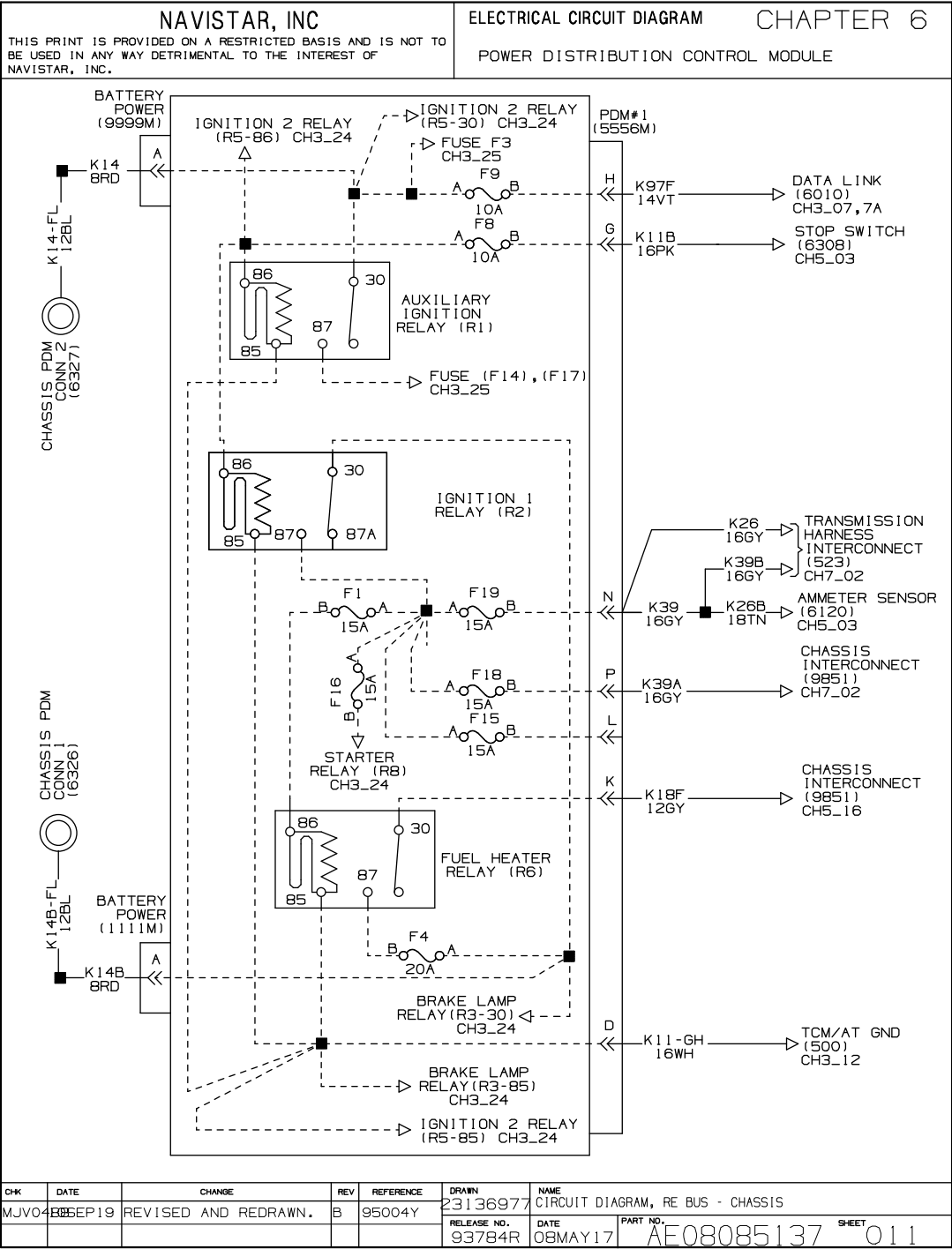


Figure 74 Power Distribution Control Module

6.13. POWER DISTRIBUTION CONTROL MODULE (CONT.), P. 12

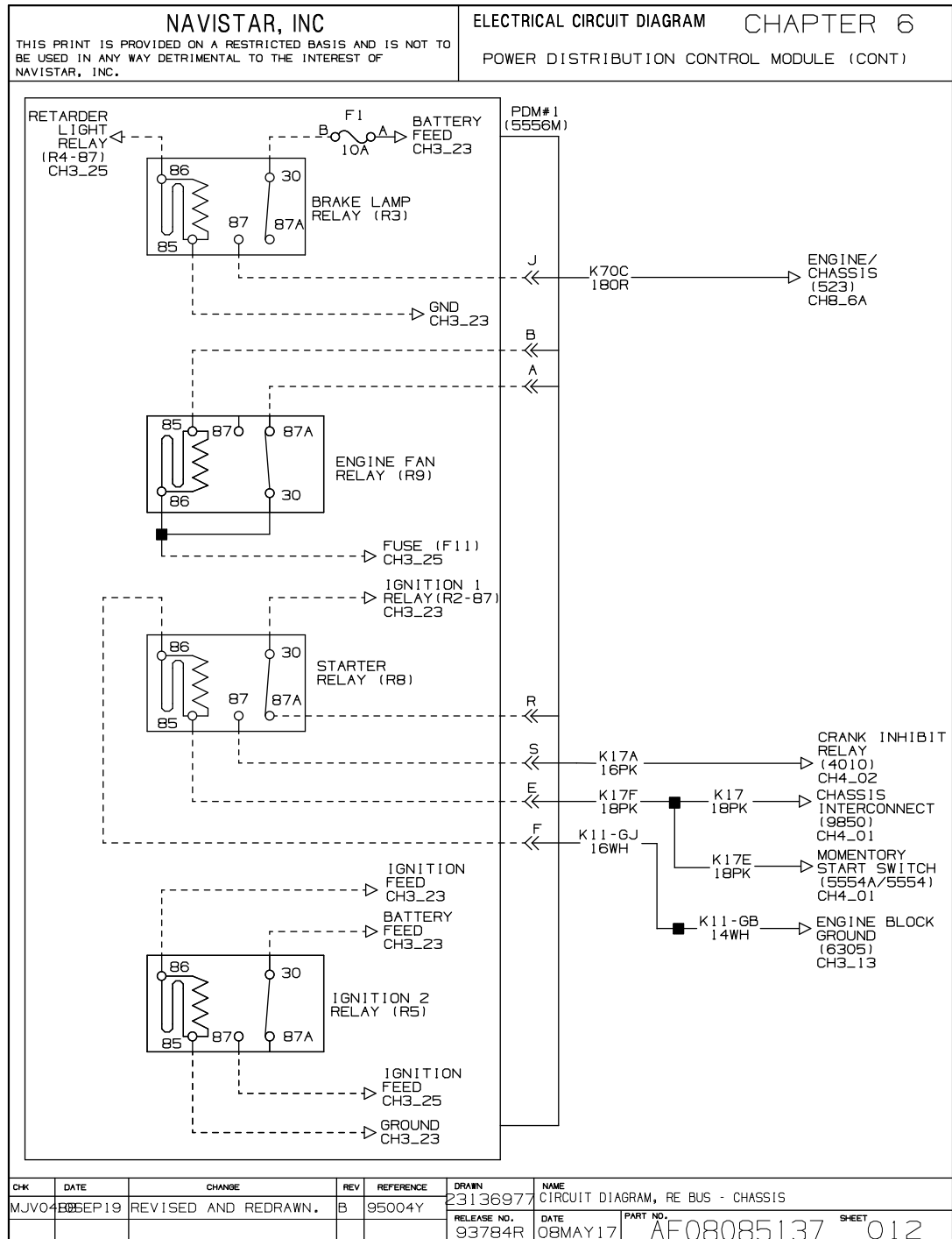


Figure 75 Power Distribution Control Module (Cont.)

6.14. POWER DISTRIBUTION CONTROL MODULE (CONT.), P. 13

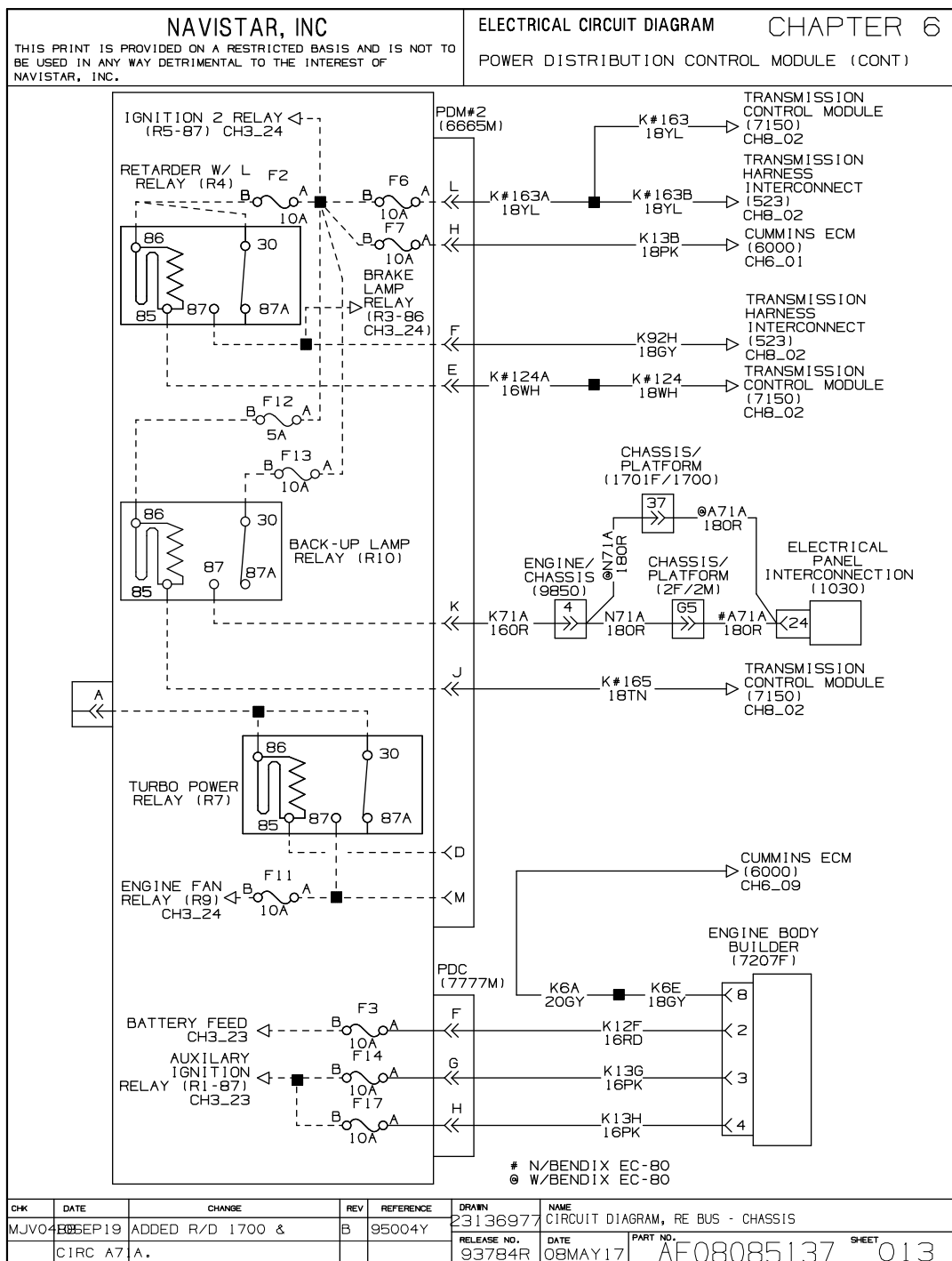


Figure 76 Power Distribution Control Module (Cont.)

CHASSIS SYSTEM (CHAPTER 7)

7.1. ELECTRIC HORN, P. 1

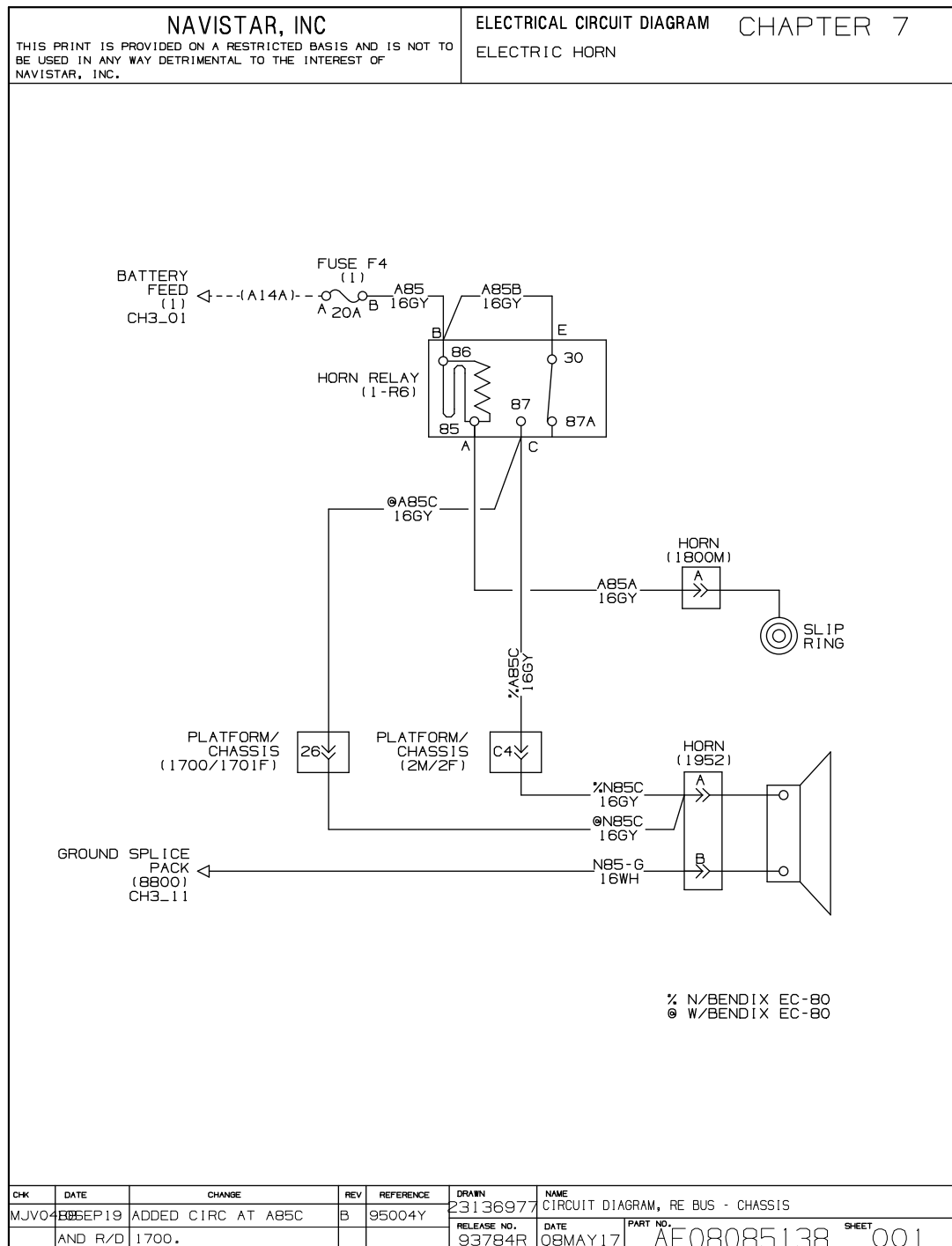


Figure 77 Electric Horn

7.2. AIR DRYER AND DRAIN VALVE WIRING, P. 2

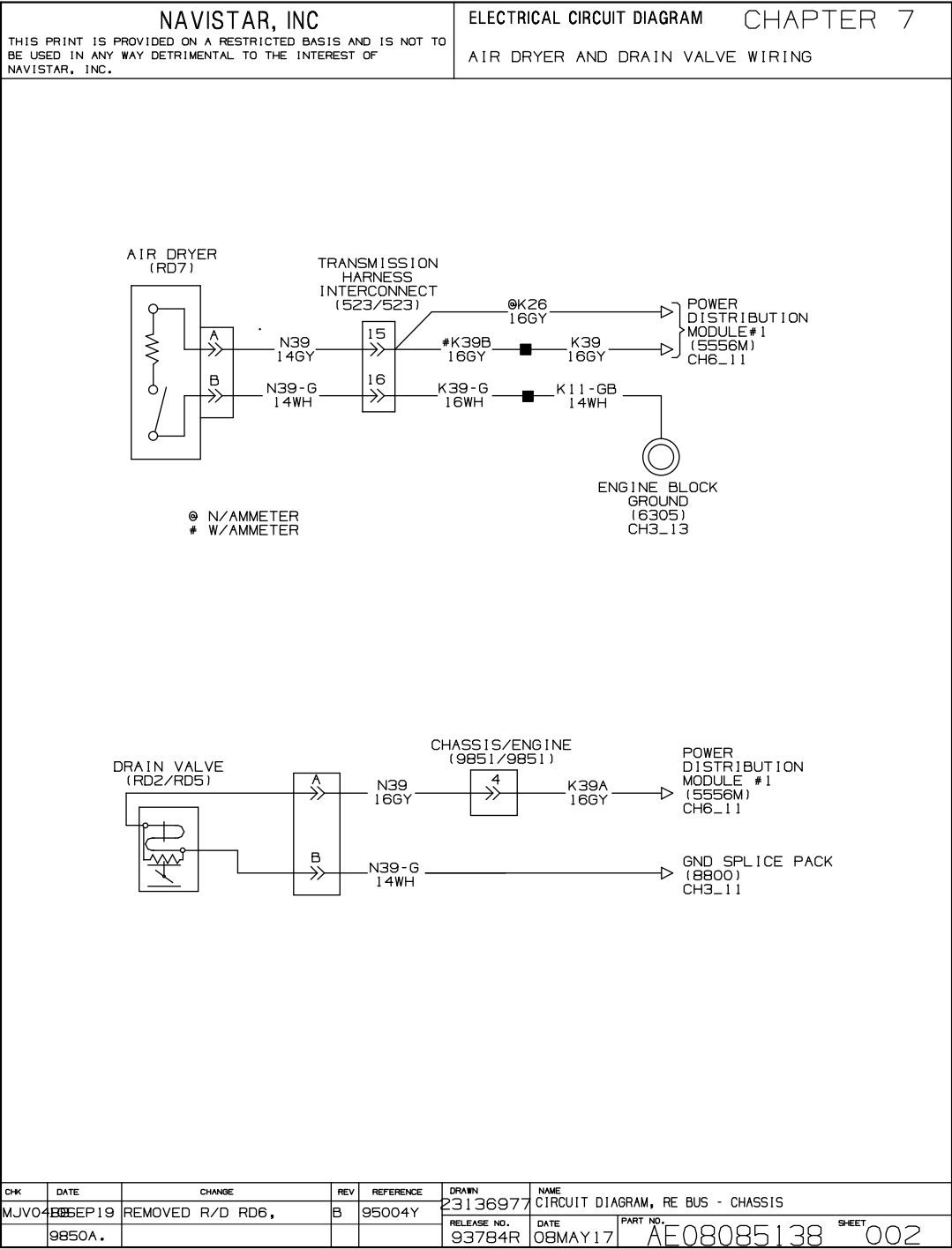


Figure 78 Air Dryer and Drain Valve Wiring

7.3. TRACTION AIDS - TRACTION SANDERS, P. 3

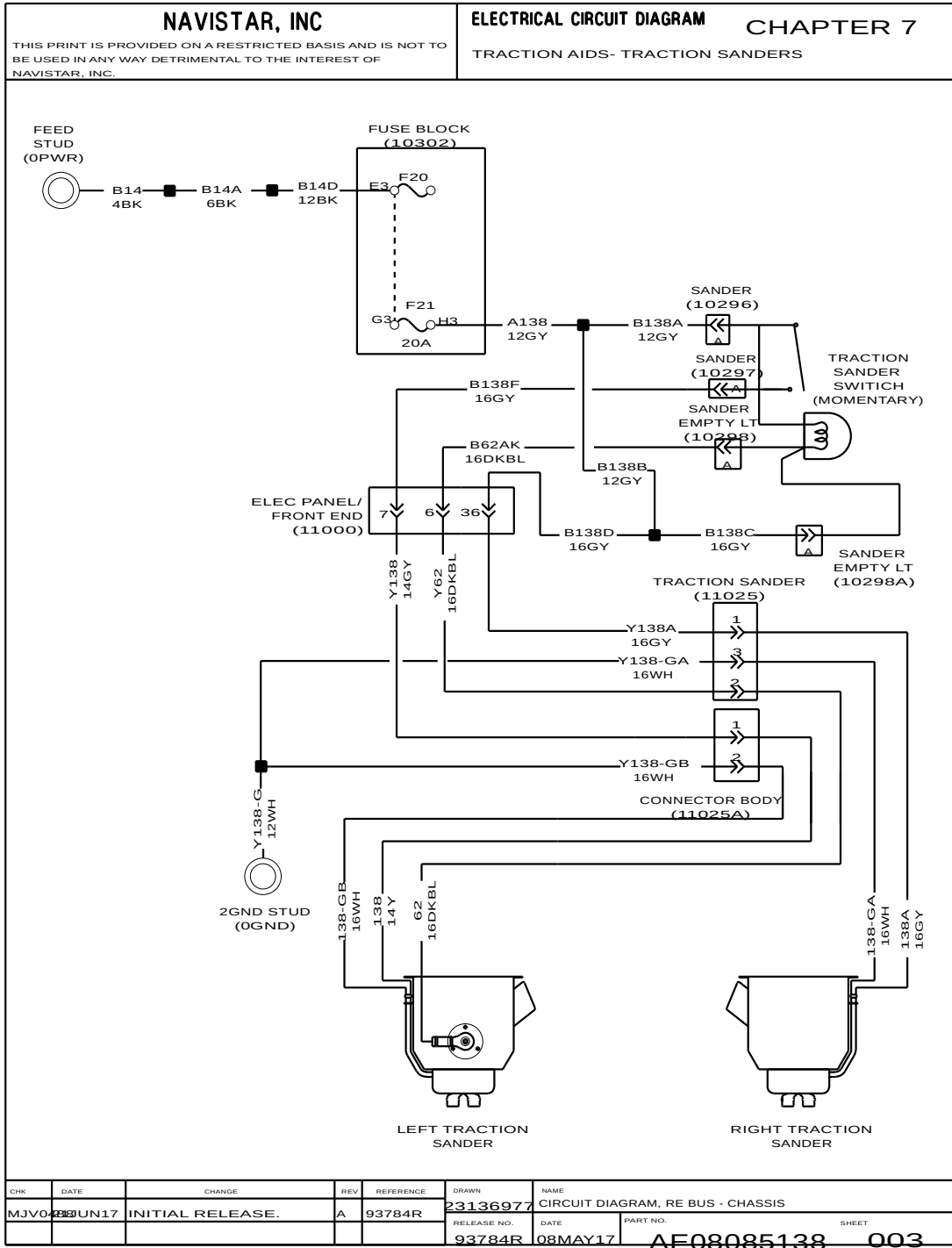


Figure 79 Traction Aids - Traction Sanders

7.4. TRACTION AID - SPOT CHAIN, P. 4

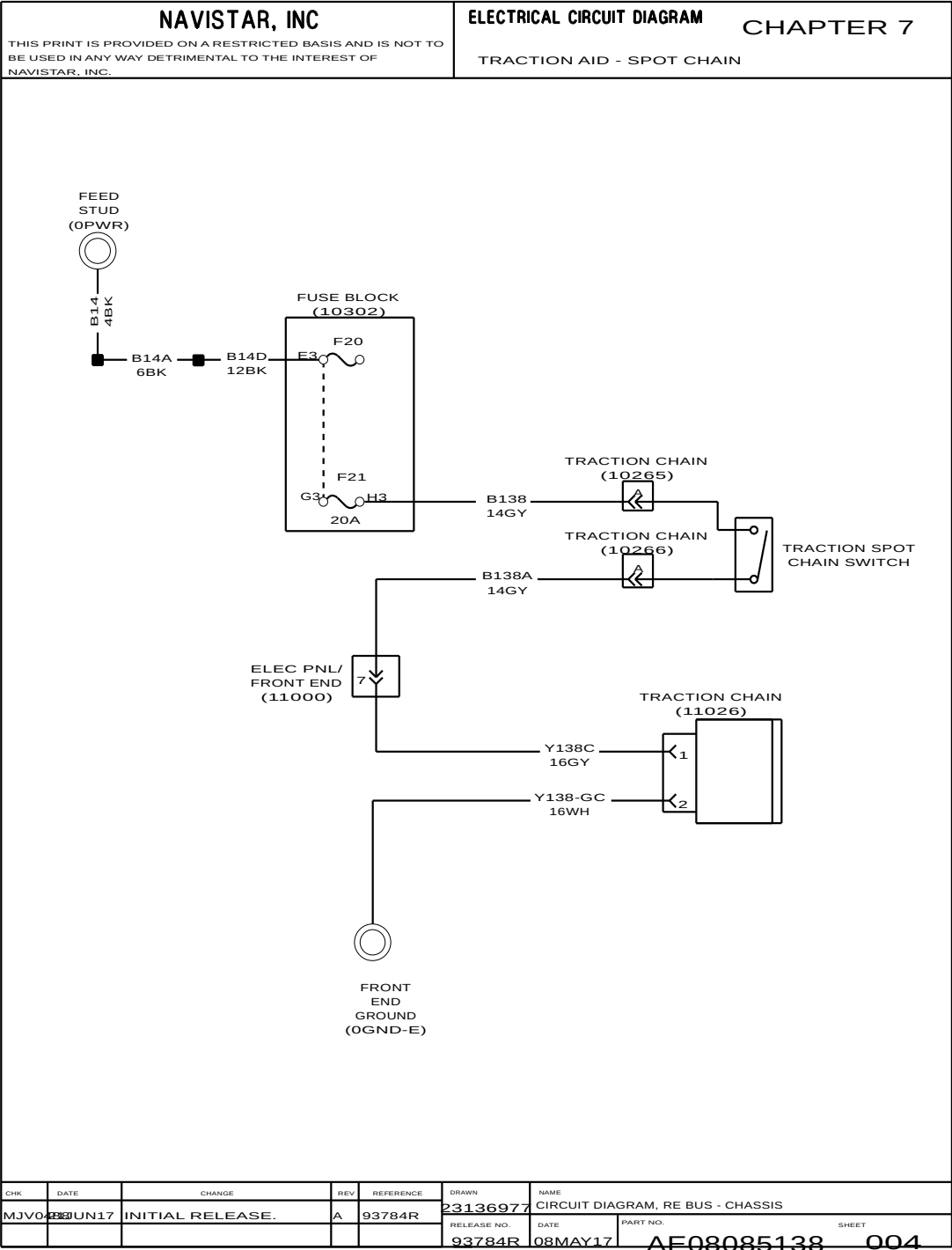


Figure 80 Traction Aid - Spot Chain

7.6. STANDARD SINGLE WIPER SWITCH WIRING (CONT.), P. 6

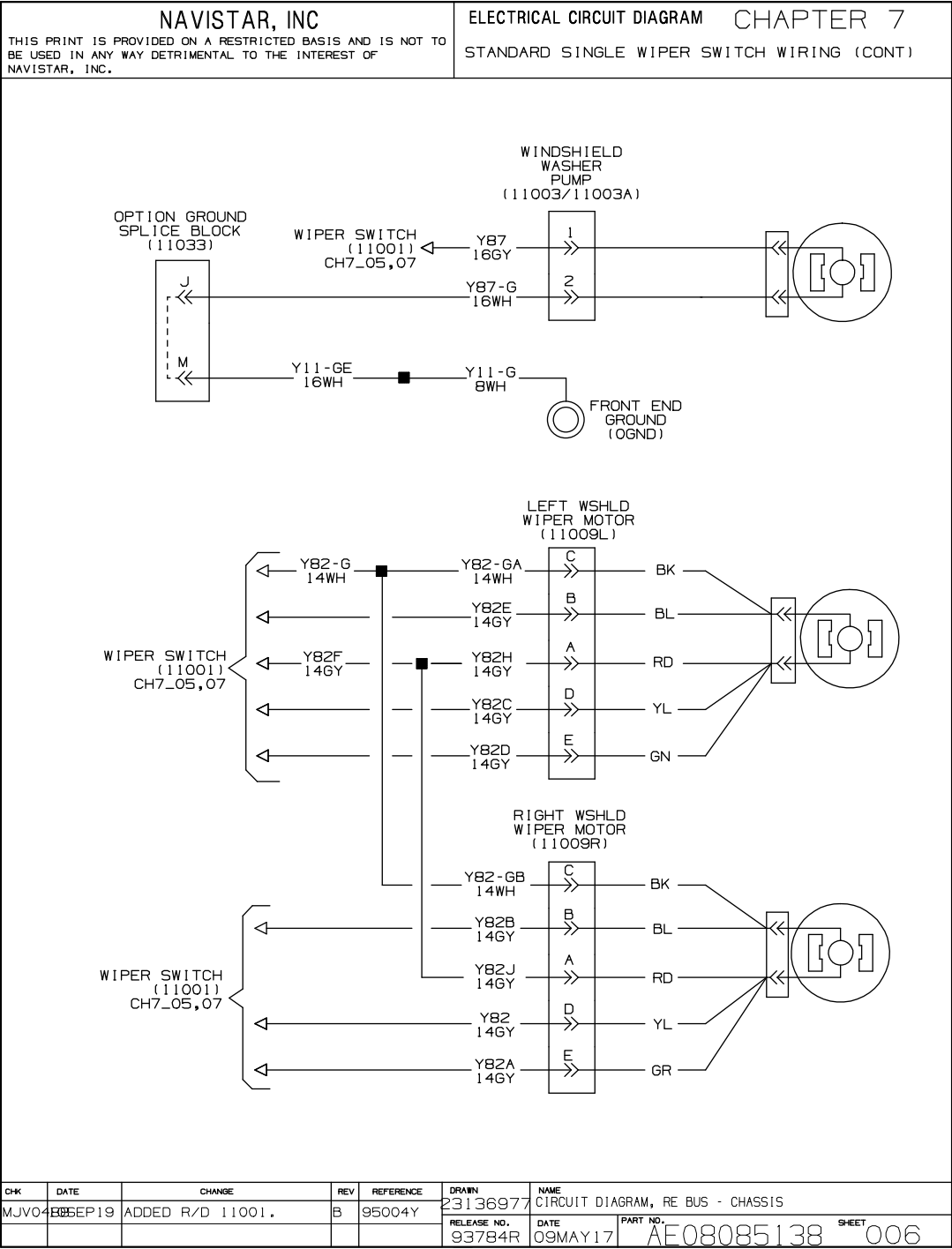


Figure 82 Standard Single Wiper Switch Wiring (Cont.)

7.7. DUAL WIPER SWITCH WIRING, P. 7

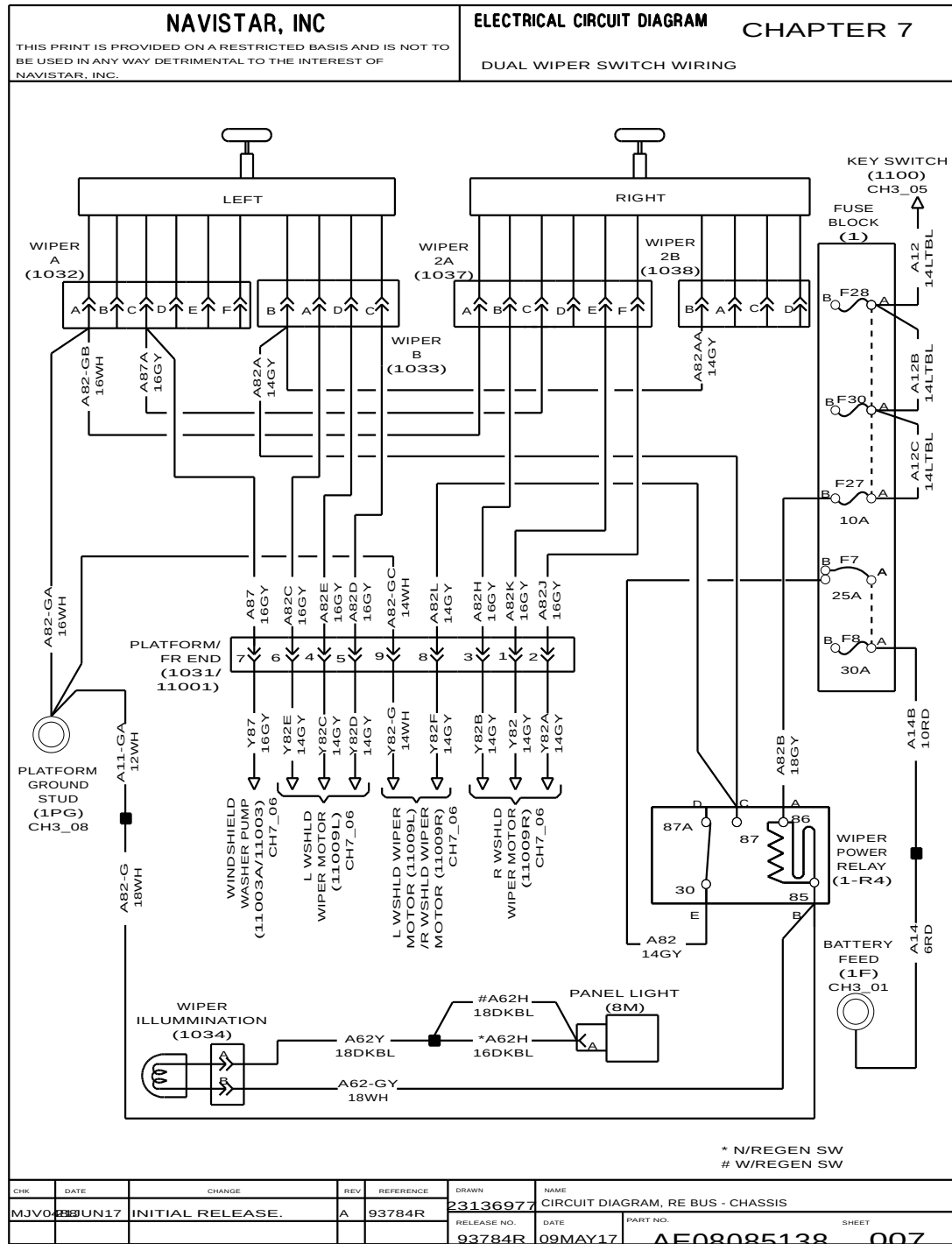


Figure 83 Dual Wiper Switch Wiring

TRANSMISSION AND TRANSMISSION SYSTEMS (CHAPTER 8)

8.1. ALLISON TRANSMISSION W/ F 2017 ISL ENGINE, P. 1

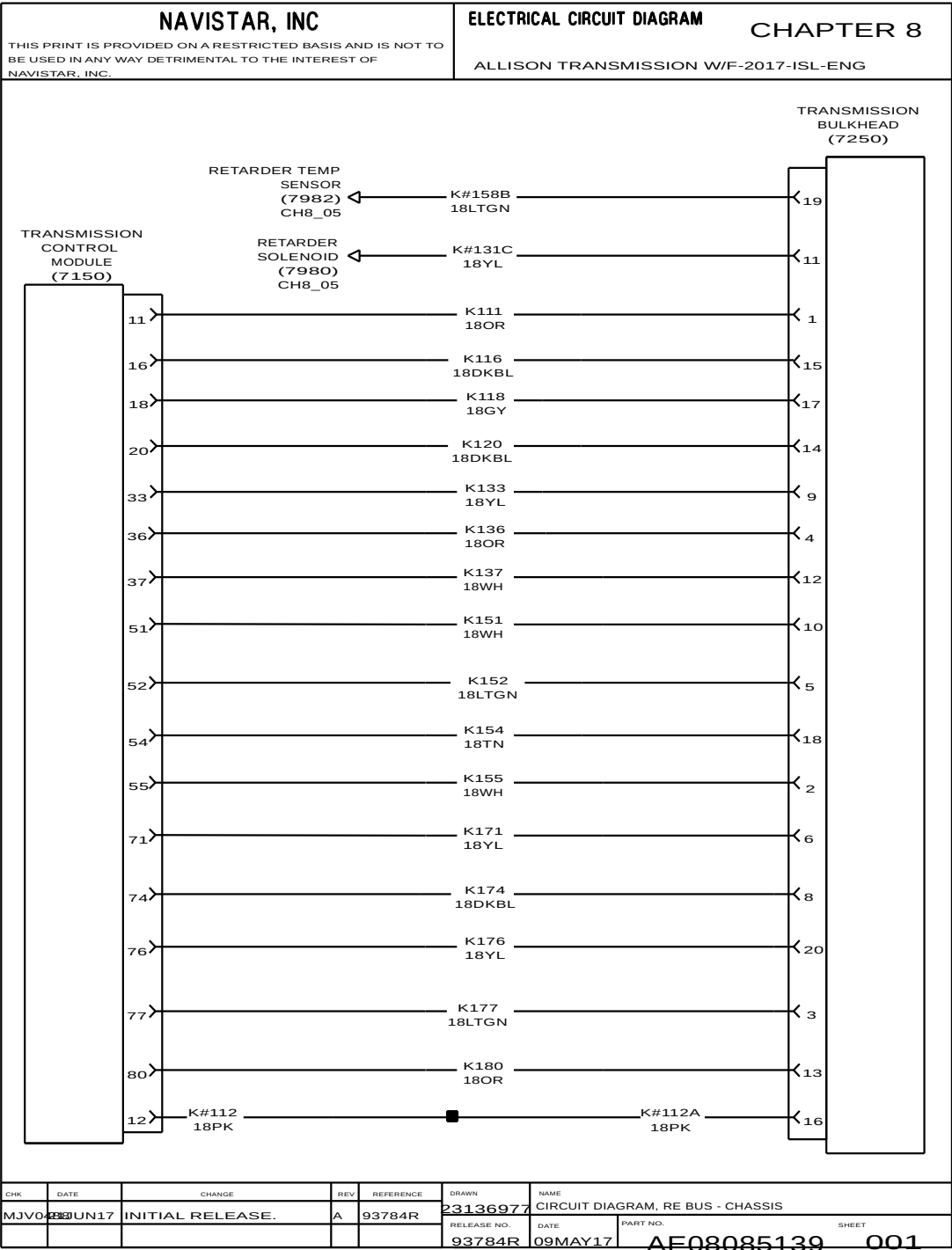


Figure 84 Allison Transmission W/ F 2017 ISL Engine

8.2. ALLISON TRANSMISSION W/ F 2017 ISL ENGINE (CONT.), P. 2

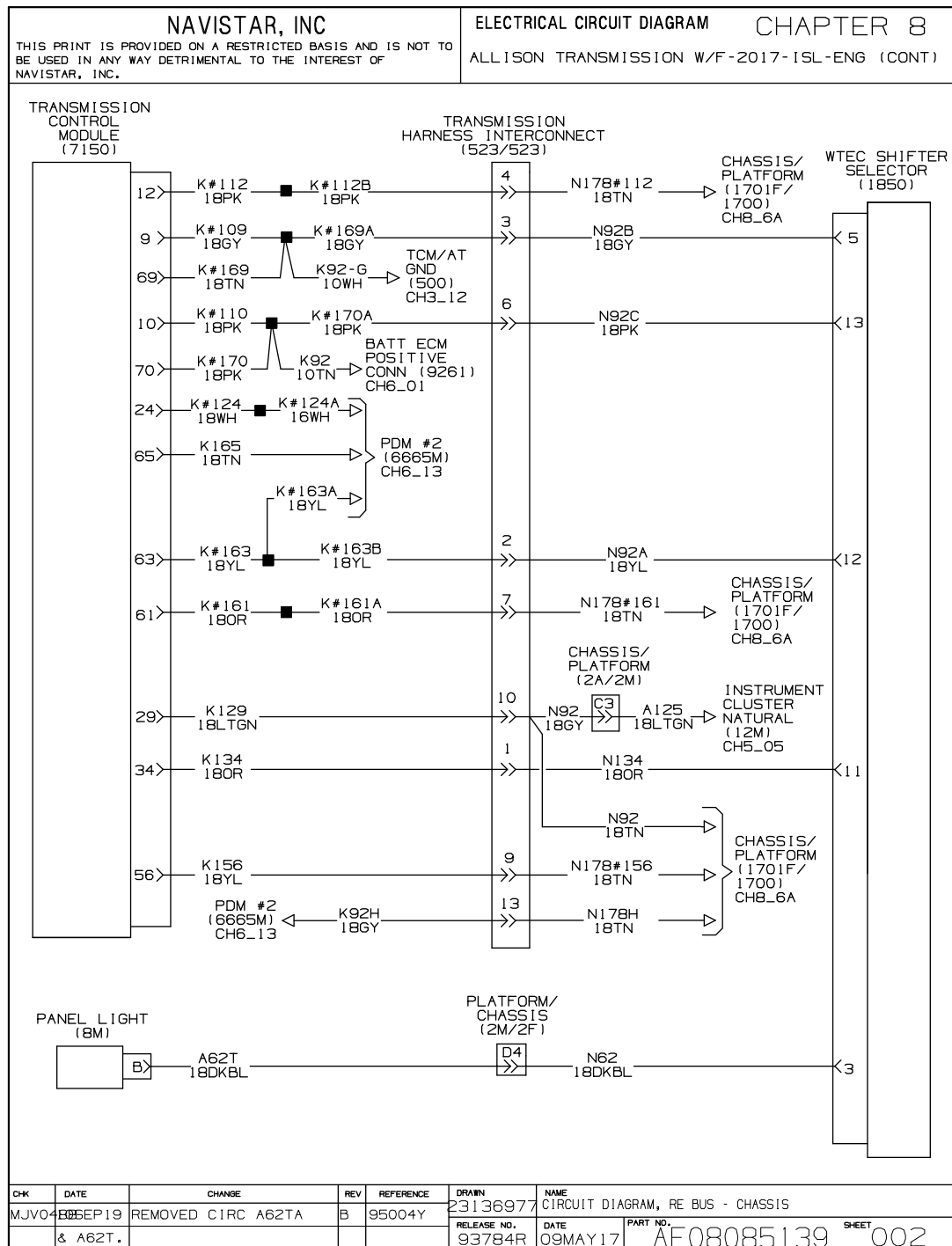


Figure 85 Allison Transmission W/ F 2017 ISL Engine (Cont.)

8.3. ALLISON TRANSMISSION W/ F 2017 ISL ENGINE (CONT.), P. 3

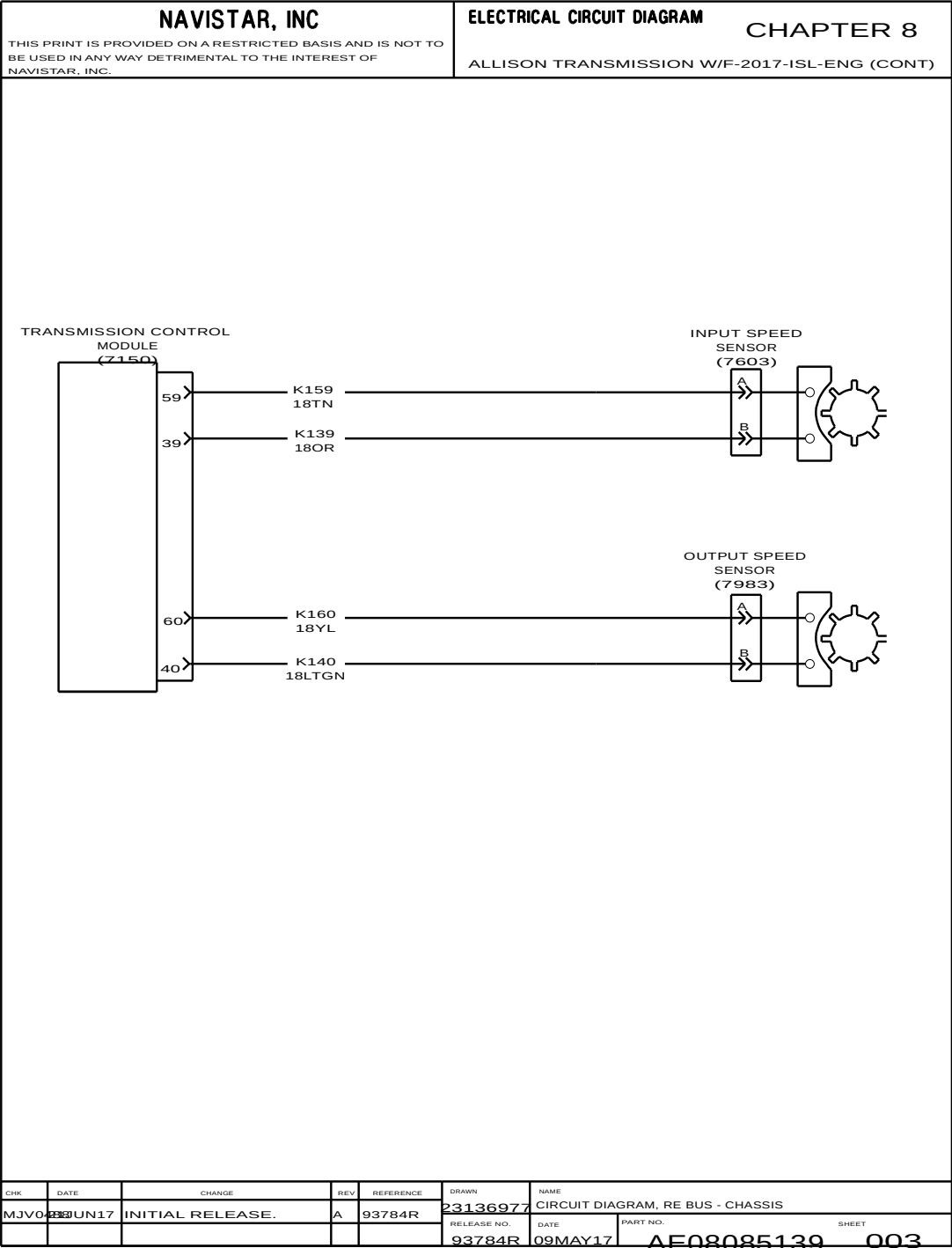


Figure 86 Allison Transmission W/ F 2017 ISL Engine

8.4. ALLISON TRANSMISSION W/ F 2017 ISL ENGINE (CONT.), P. 4

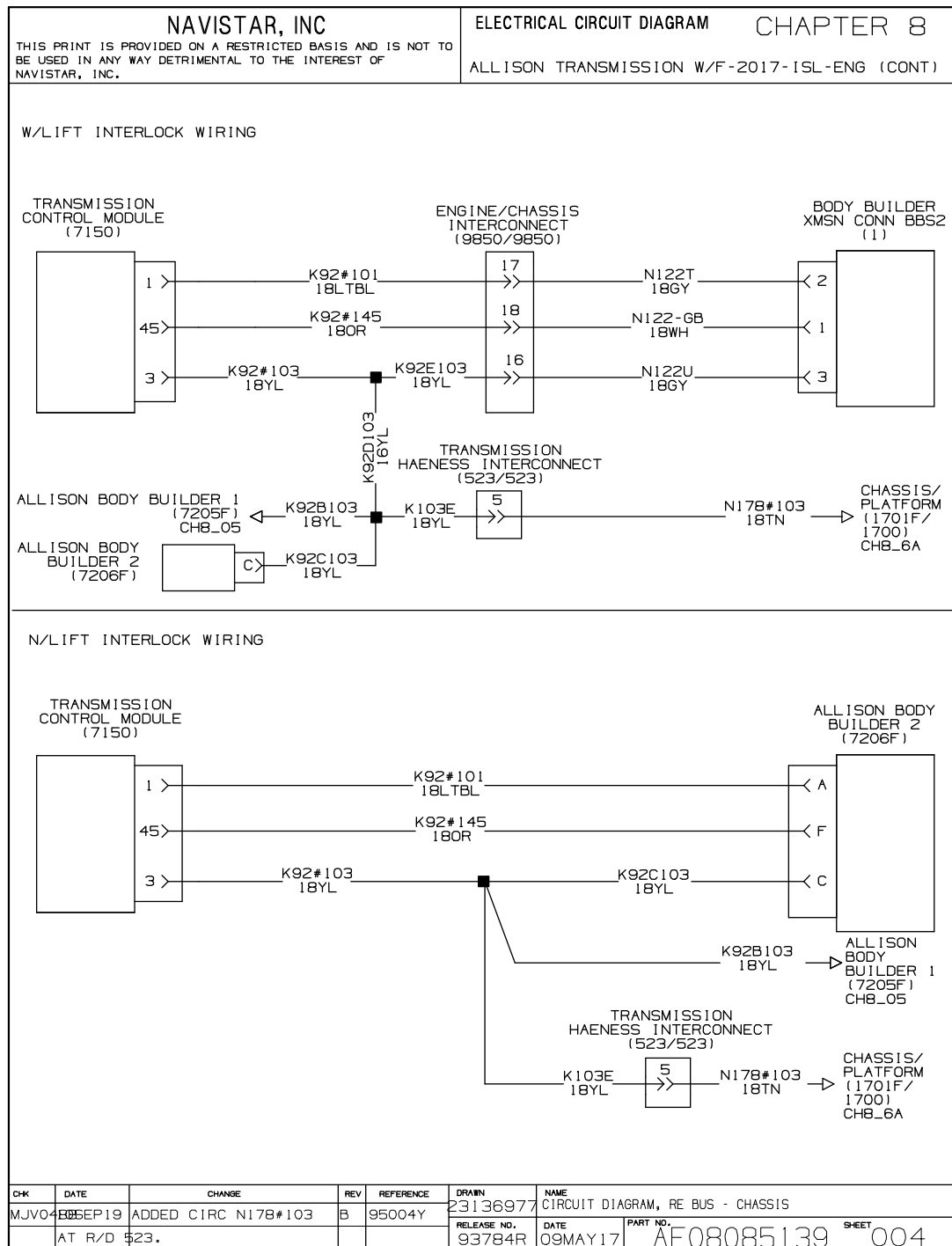


Figure 87 Allison Transmission W/ F 2017 ISL Engine (Cont.)

8.5. ALLISON TRANSMISSION 3000 W/ RETARDER W/ F 2017 ISL ENGINE, P. 5

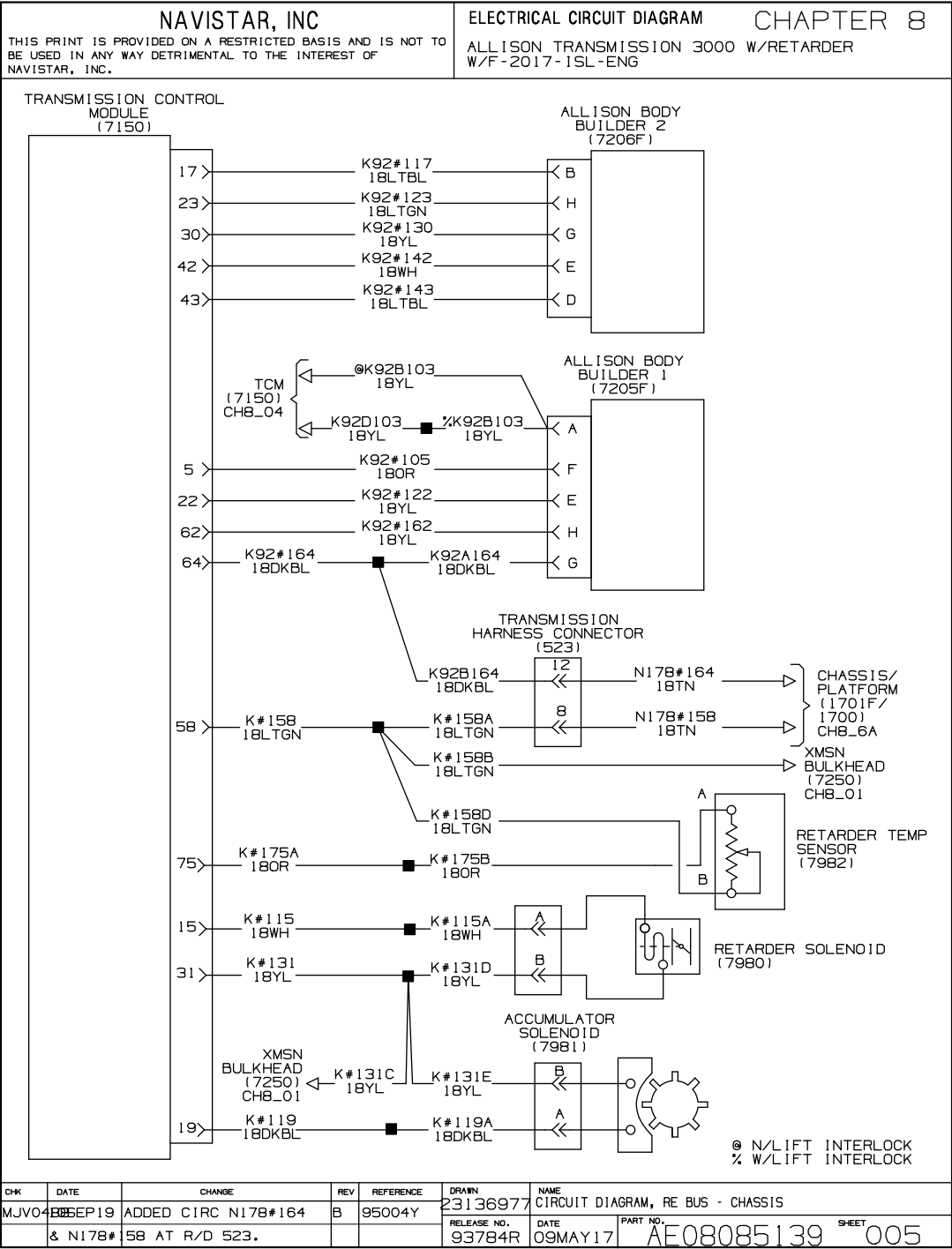


Figure 88 Allison Transmission 3000 w/ Retarder W/ F 2017 ISL Engine

8.6. ALLISON TRANSMISSION 3000 W/ RETARDER W/ F 2017 ISL ENGINE (CONT.), P. 6

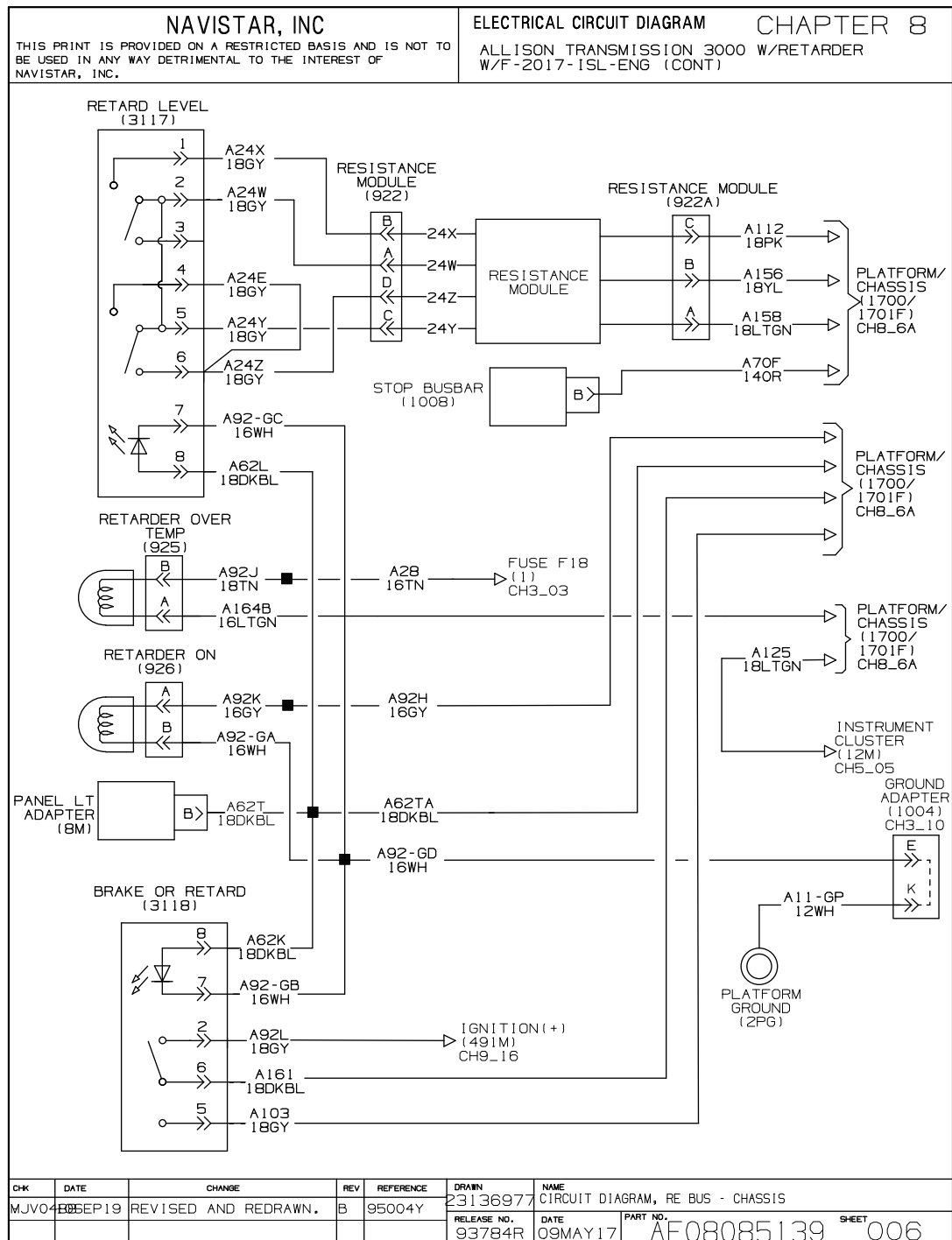


Figure 89 Allison Transmission 3000 w/ Retarder W/ F 2017 ISL Engine (Cont.)

8.7. ALLISON TRANSMISSION 3000 W/ RETARDER W/ F 2017 ISL ENGINE (CONT.),
P. 6A

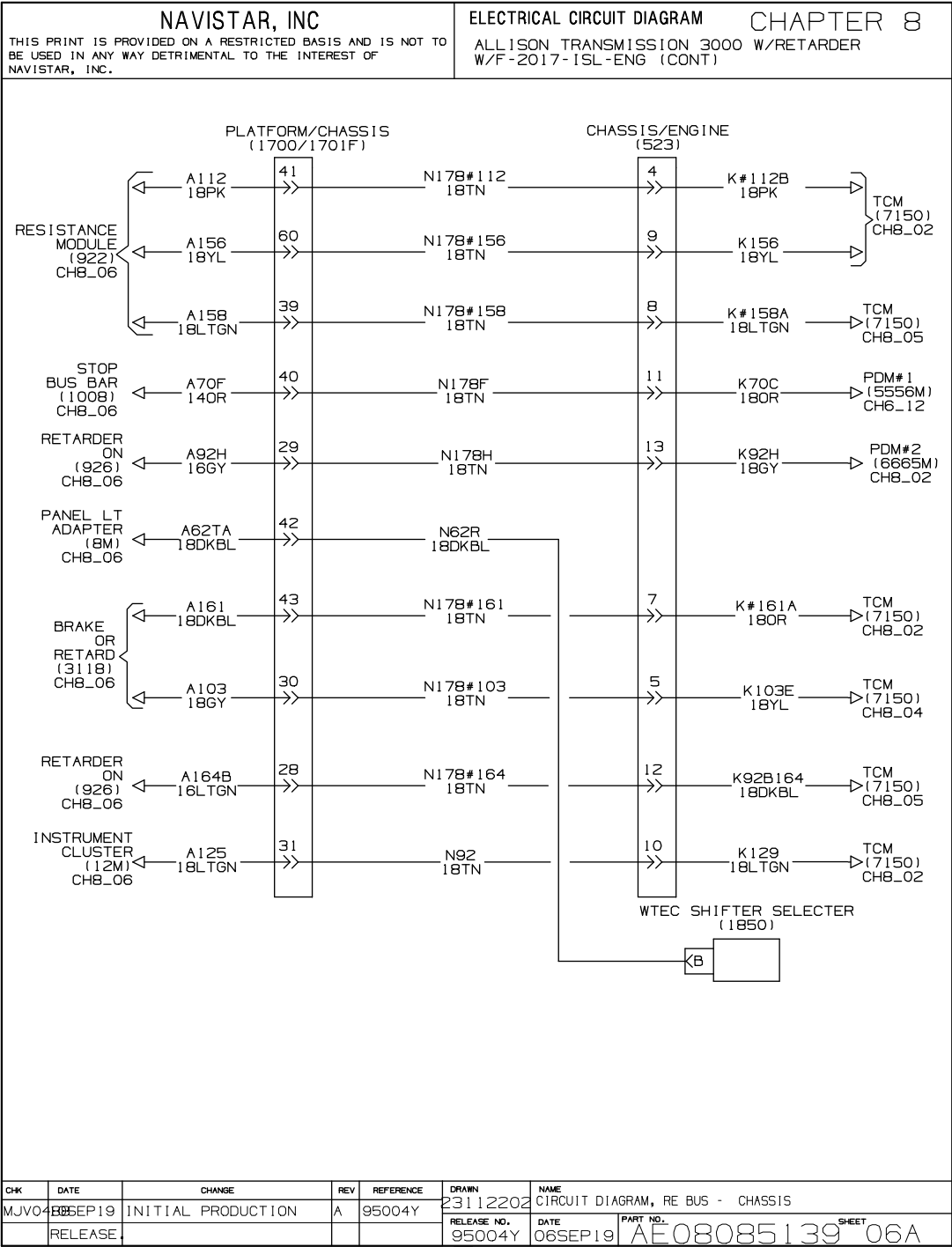


Figure 90 Allison Transmission 3000 w/ Retarder W/ F 2017 ISL Engine (Cont.)

BRAKE SYSTEM (CHAPTER 9)

9.1. BENDIX AIR BRAKE ABS W / CHASSIS MOUNTED MODULE, P. 1

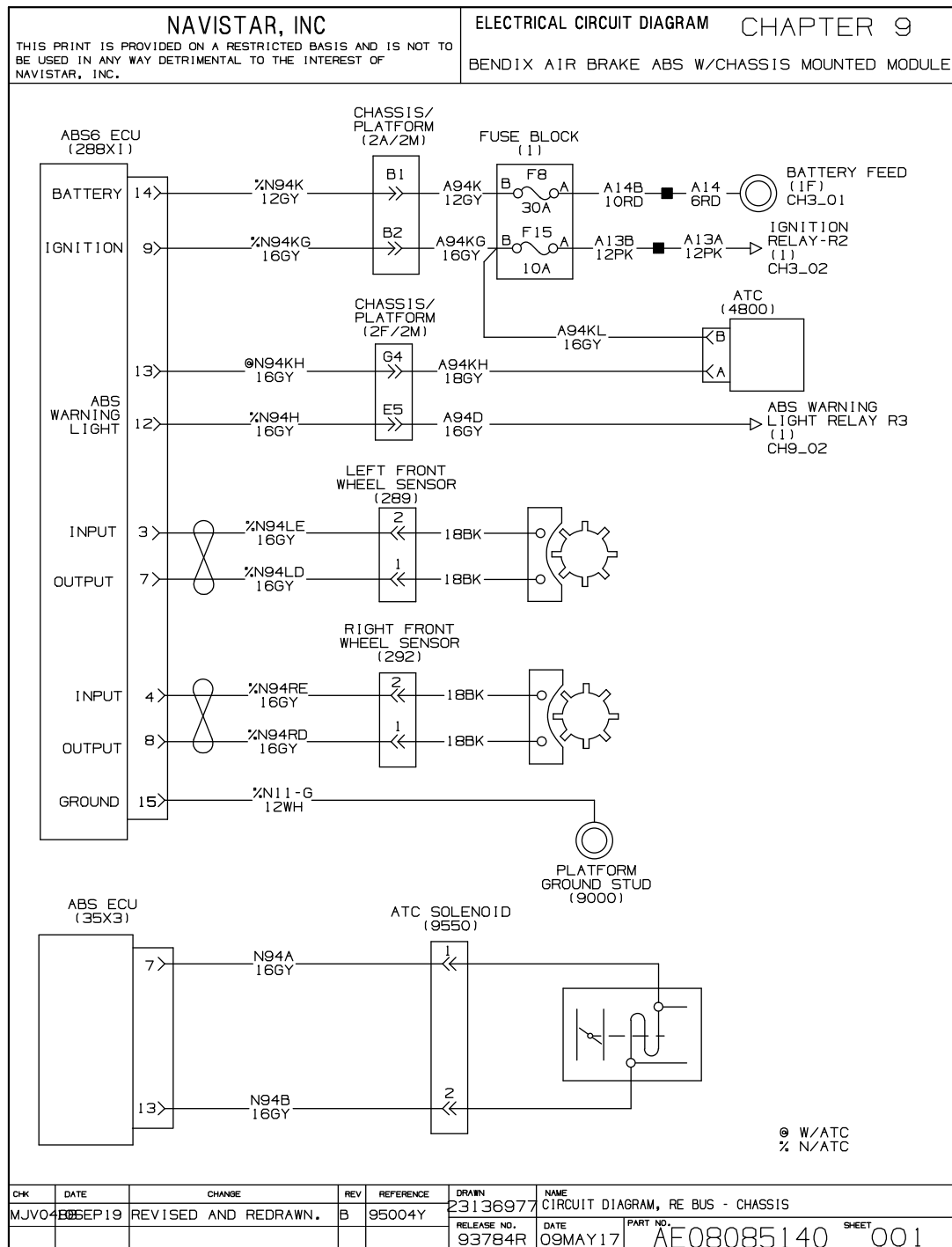


Figure 91 Bendix Air Brake ABS w / Chassis Mounted Module

9.2. BENDIX AIR BRAKE ABS W / CHASSIS MOUNTED MODULE (CONT.), P. 2

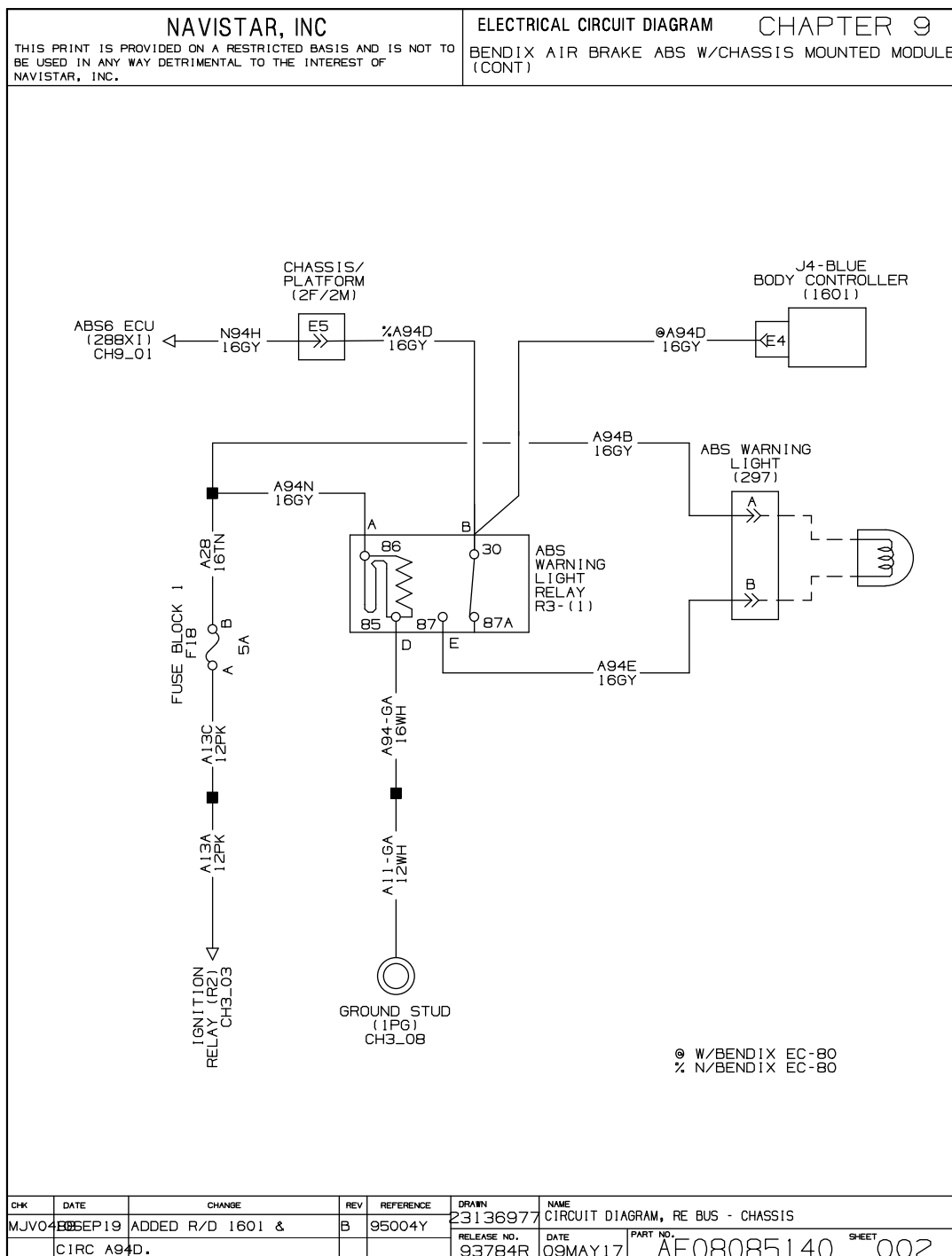


Figure 92 Bendix Air Brake ABS w / Chassis Mounted Module (Cont.)

9.3. BENDIX AIR BRAKE ABS W / CHASSIS MOUNTED MODULE (CONT.), P. 3

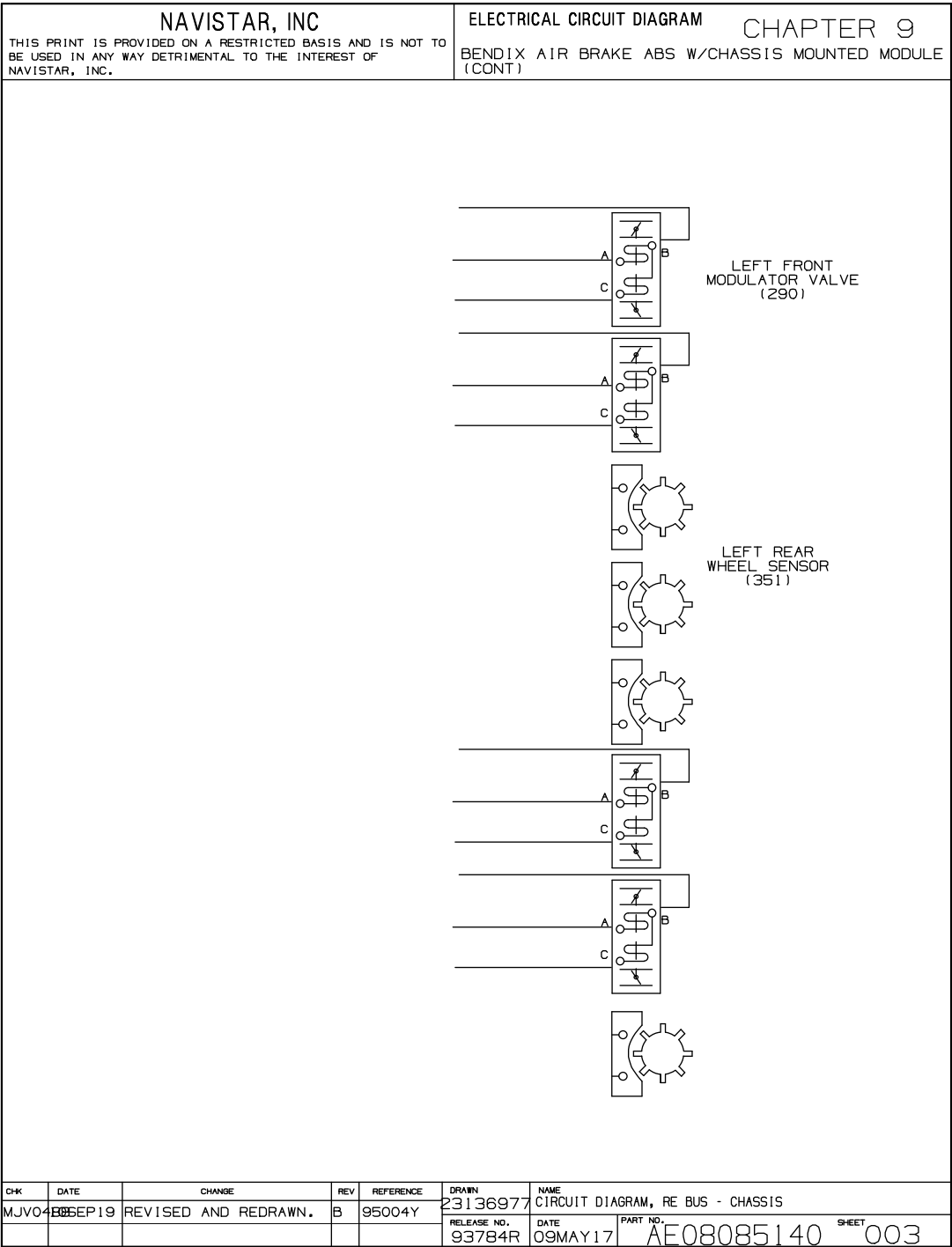
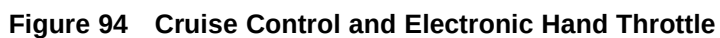


Figure 93 Bendix Air Brake ABS w / Chassis Mounted Module (Cont.)



9.5. EXHAUST AFTERTREATMENT CONTROL SYSTEM, P. 5

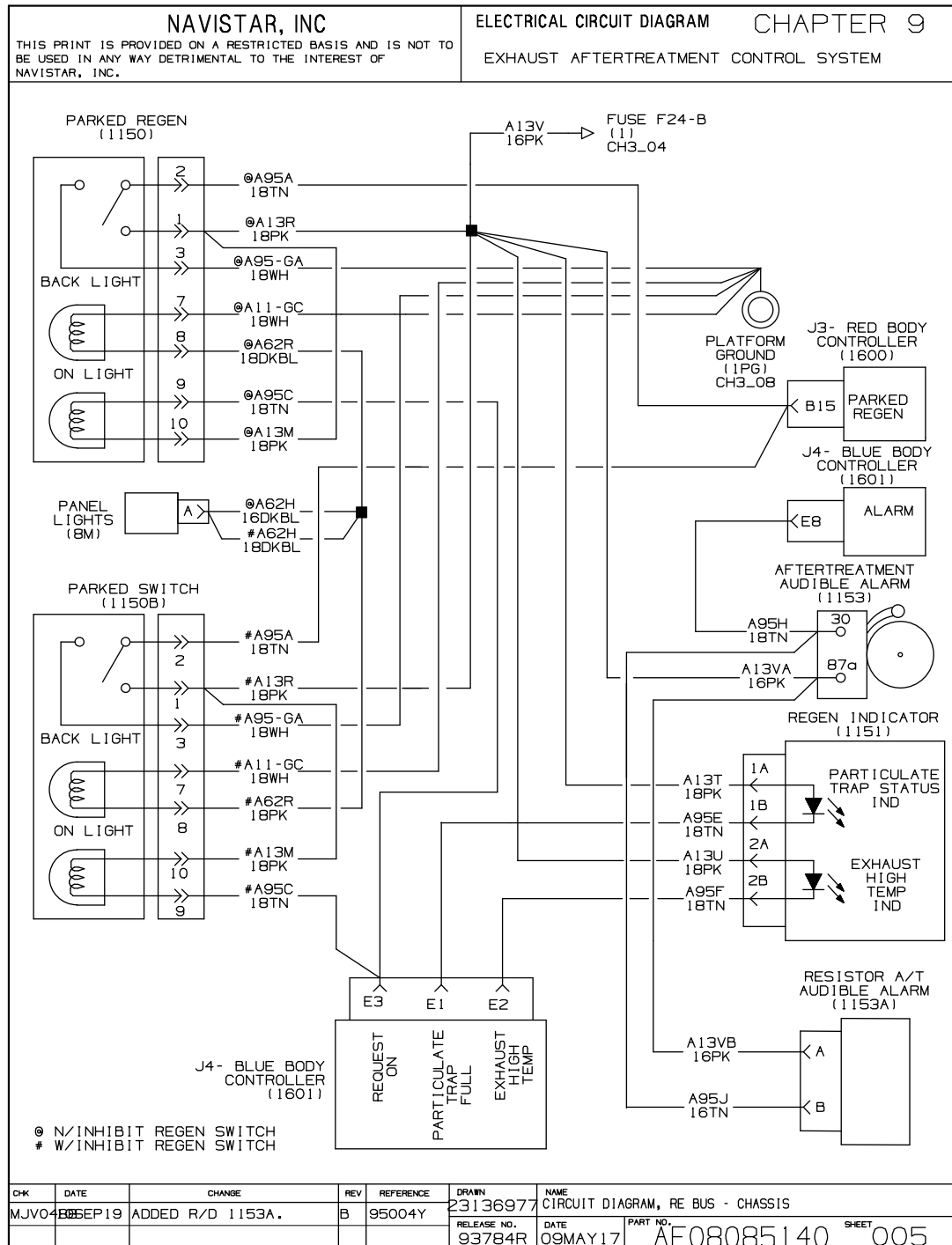


Figure 95 Exhaust Aftertreatment Control System

9.6. EXHAUST BRAKE, P. 6

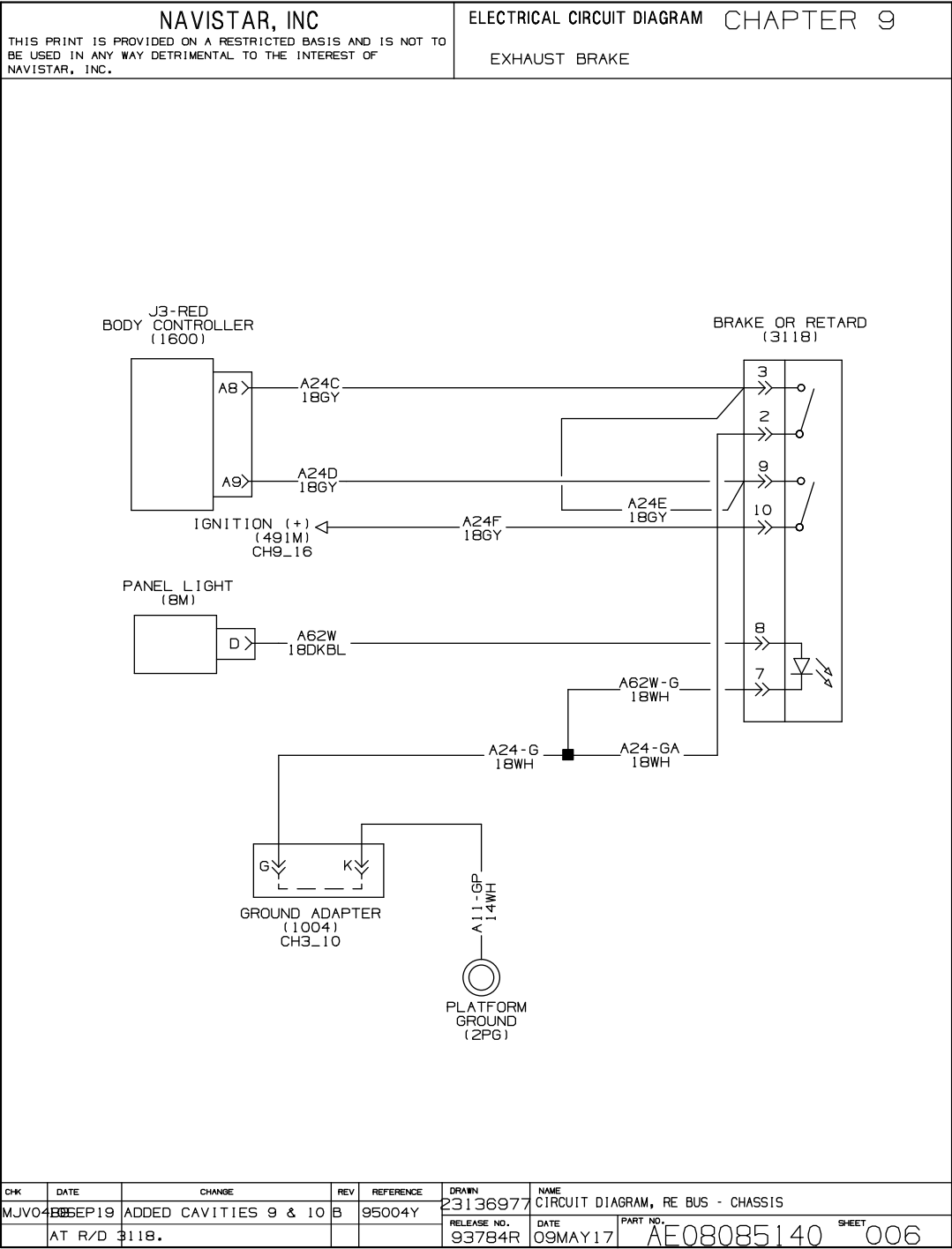


Figure 96 Exhaust Brake

9.7. COMPRESSION BRAKES, P. 7

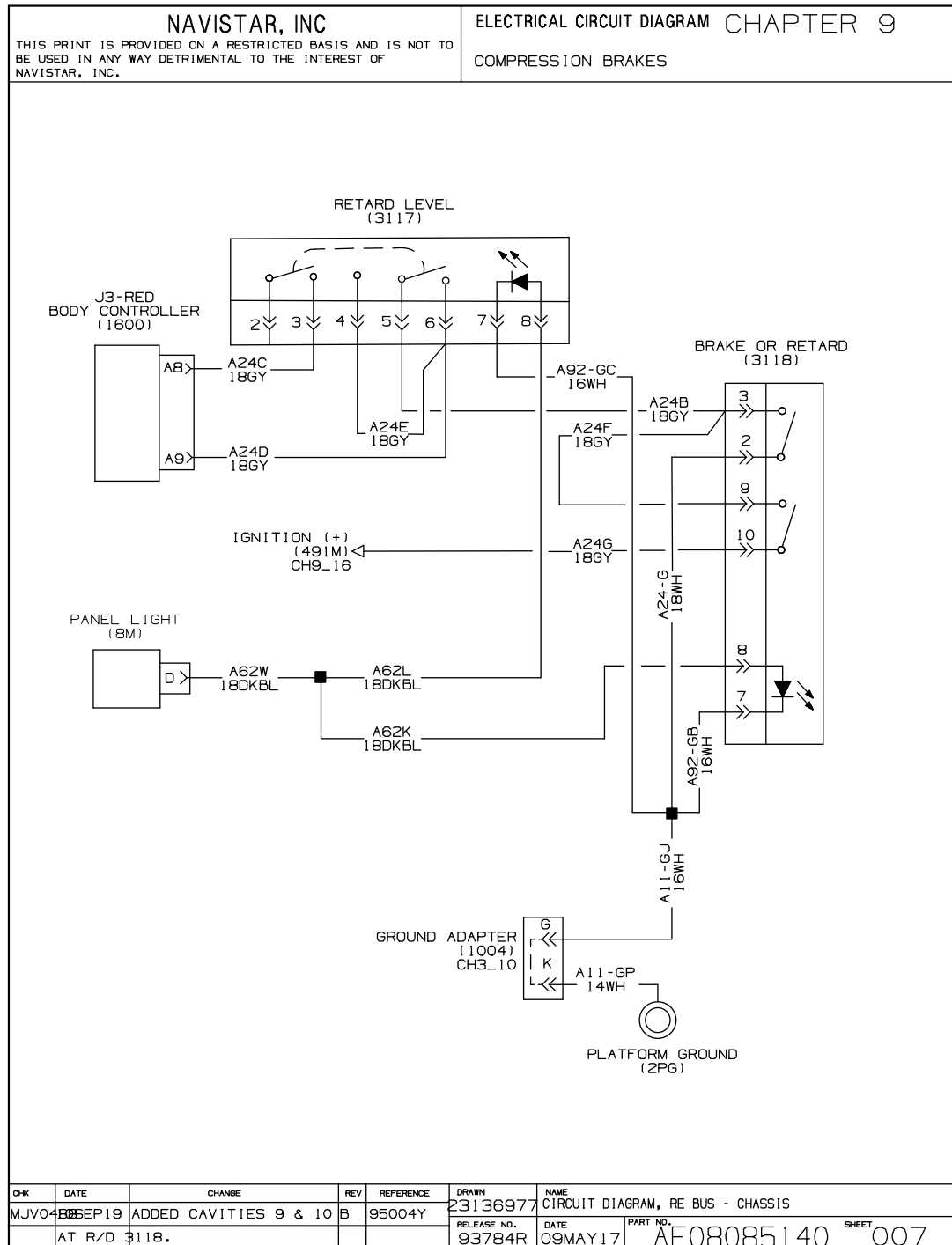


Figure 97 Compression Brakes



9.9. BENDIX AIR BRAKE ABS TRACTION CONTROL W/BENDIX EC-80, P. 9

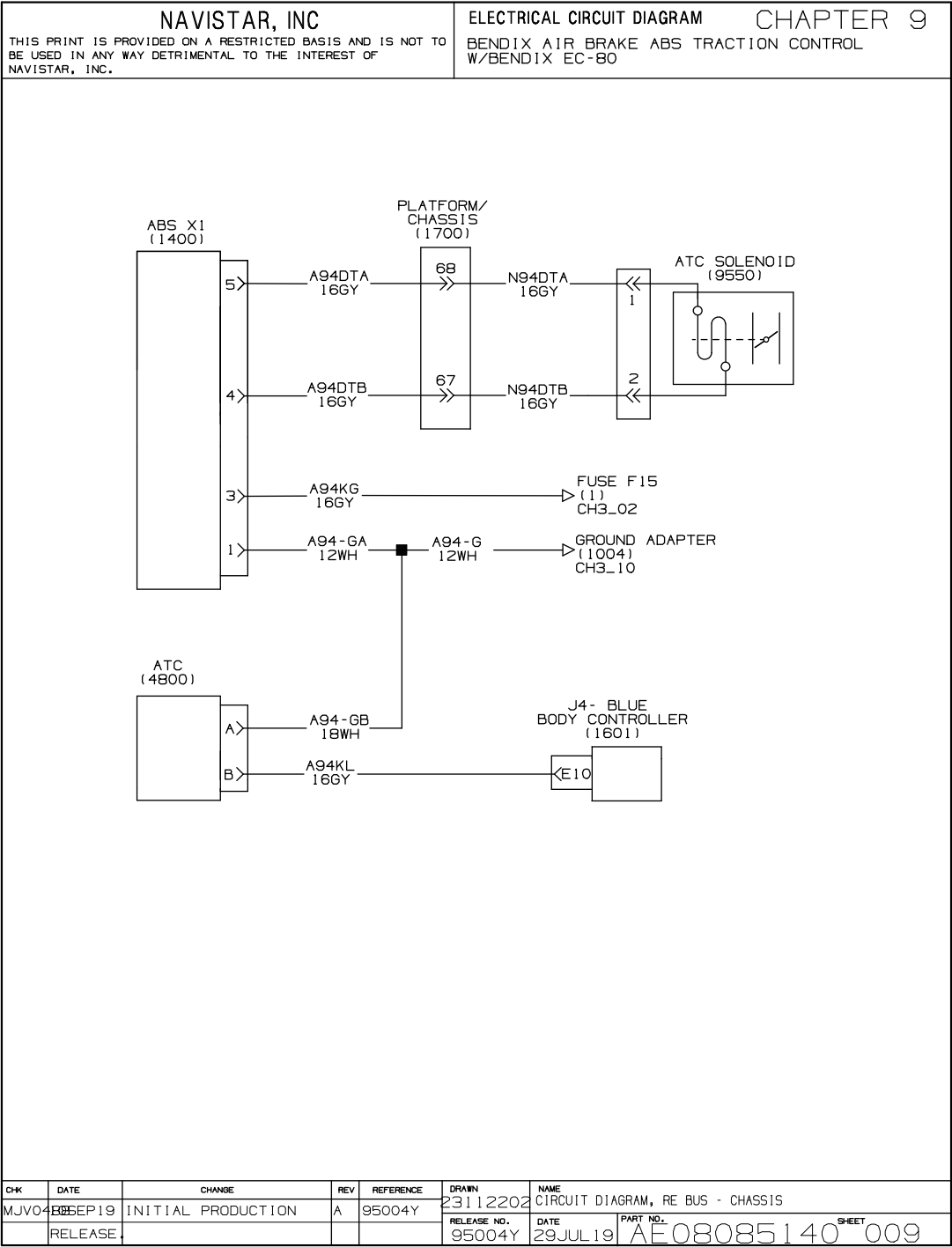


Figure 99 Bendix Air Brake ABS Traction Control w/Bendix EC-80

9.10. BENDIX AIR BRAKE ABS W/ESP 45/4M W/4 CH W/BENDIX EC-80, P. 10

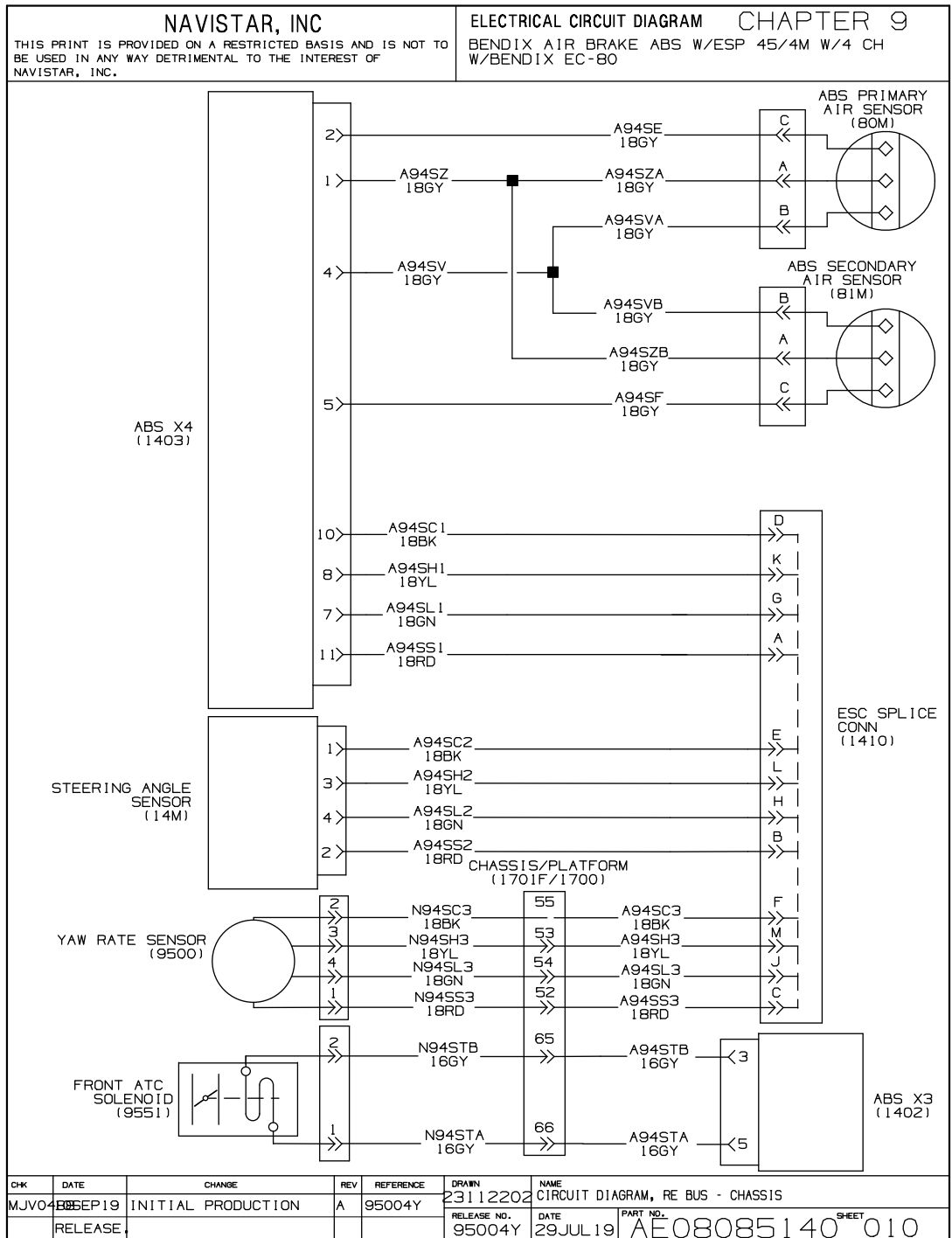


Figure 100 Bendix Air Brake ABS w/ESP 45/4M w/4 CH w/Bendix EC-80

9.11. BENDIX AIR BRAKE ABS W/ESP 45/4M W/4 CH W/BENDIX EC-80 (CONT.), P. 11

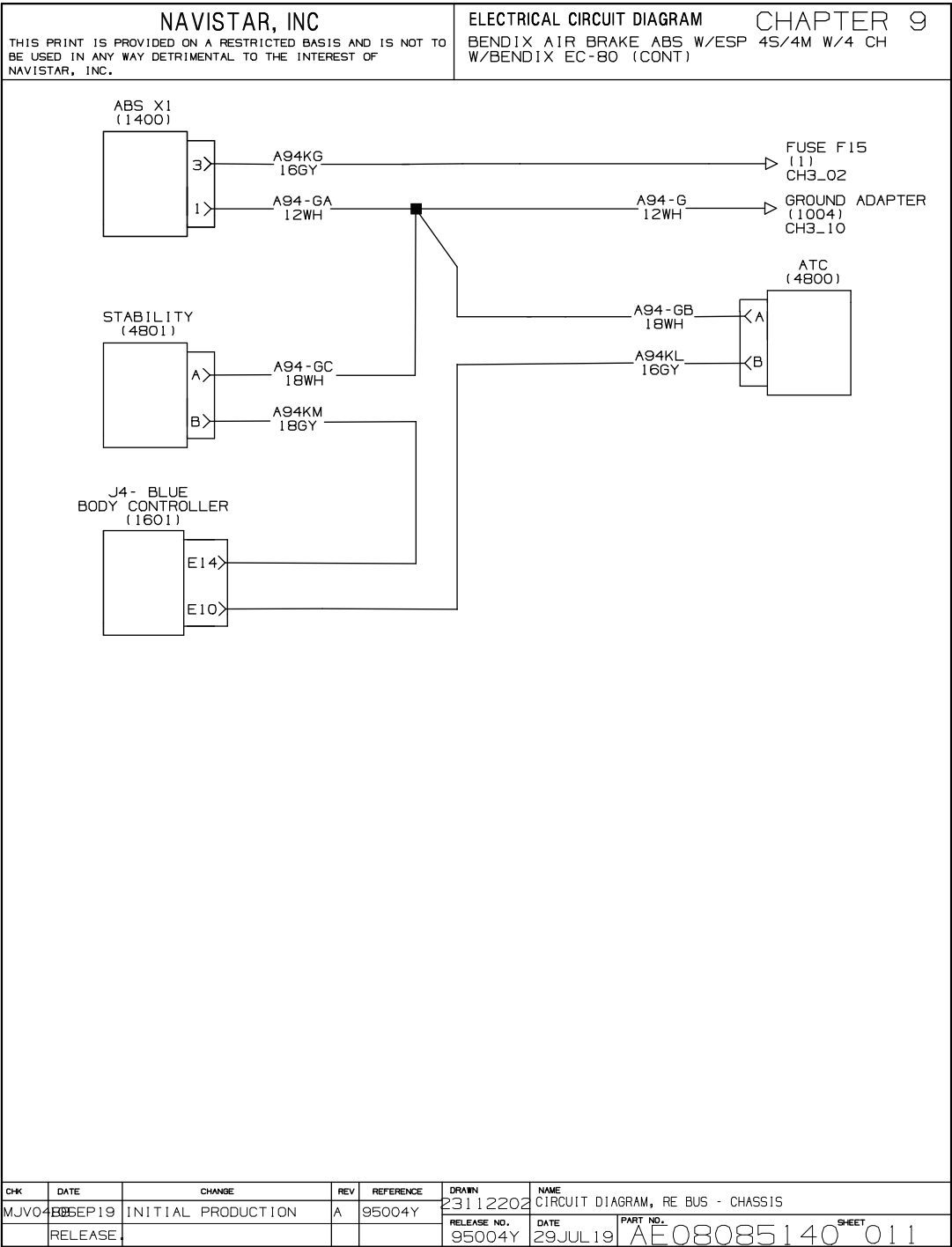


Figure 101 Bendix Air Brake ABS w/ESP 45/4M w/4 CH w/Bendix EC-80 (Cont.)

9.12. BENDIX WINGMAN W/BENDIX EC-80, P. 12

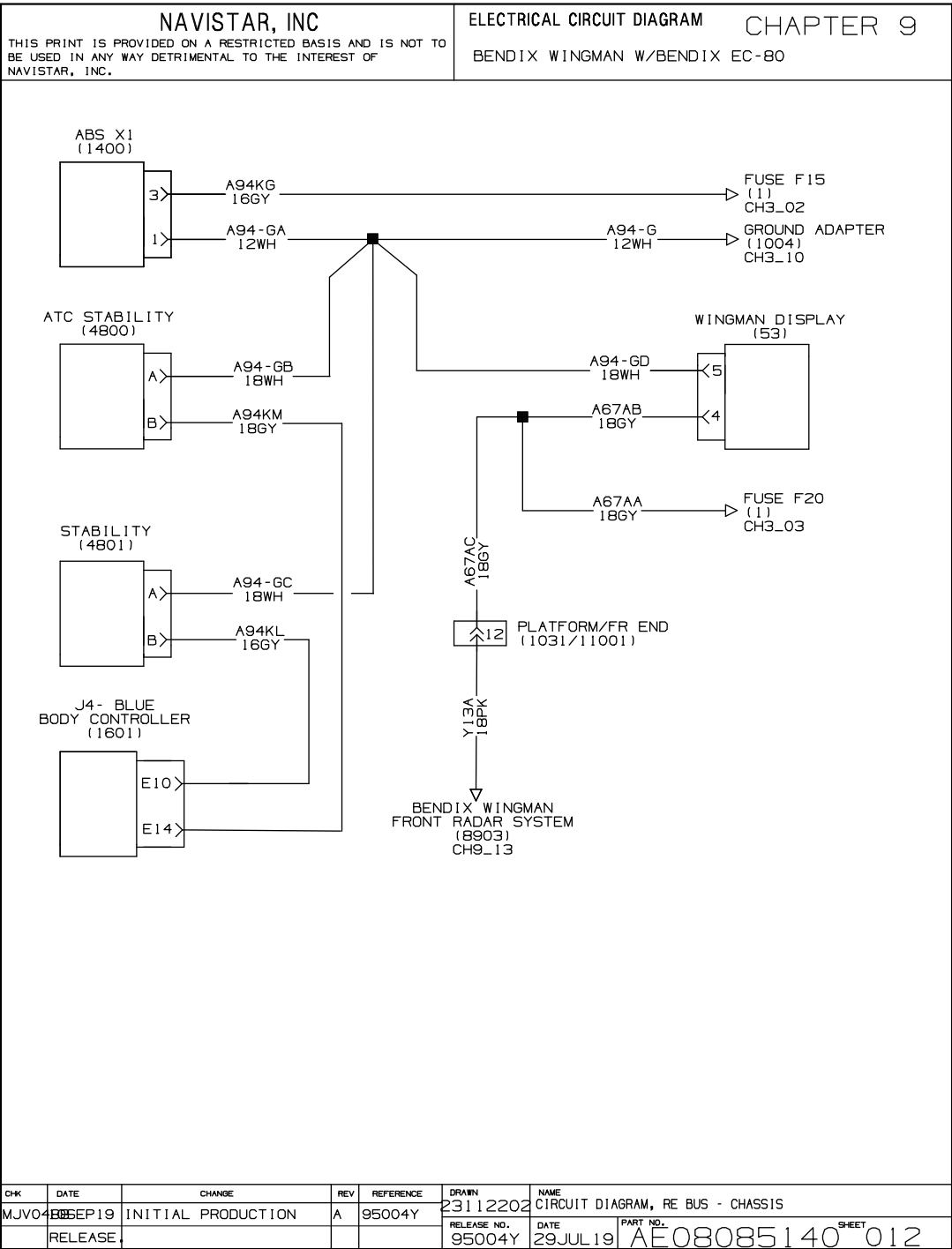


Figure 102 Bendix Wingman w/Bendix EC-80

9.13. BENDIX WINGMAN W/BENDIX EC-80 (CONT.), P. 13

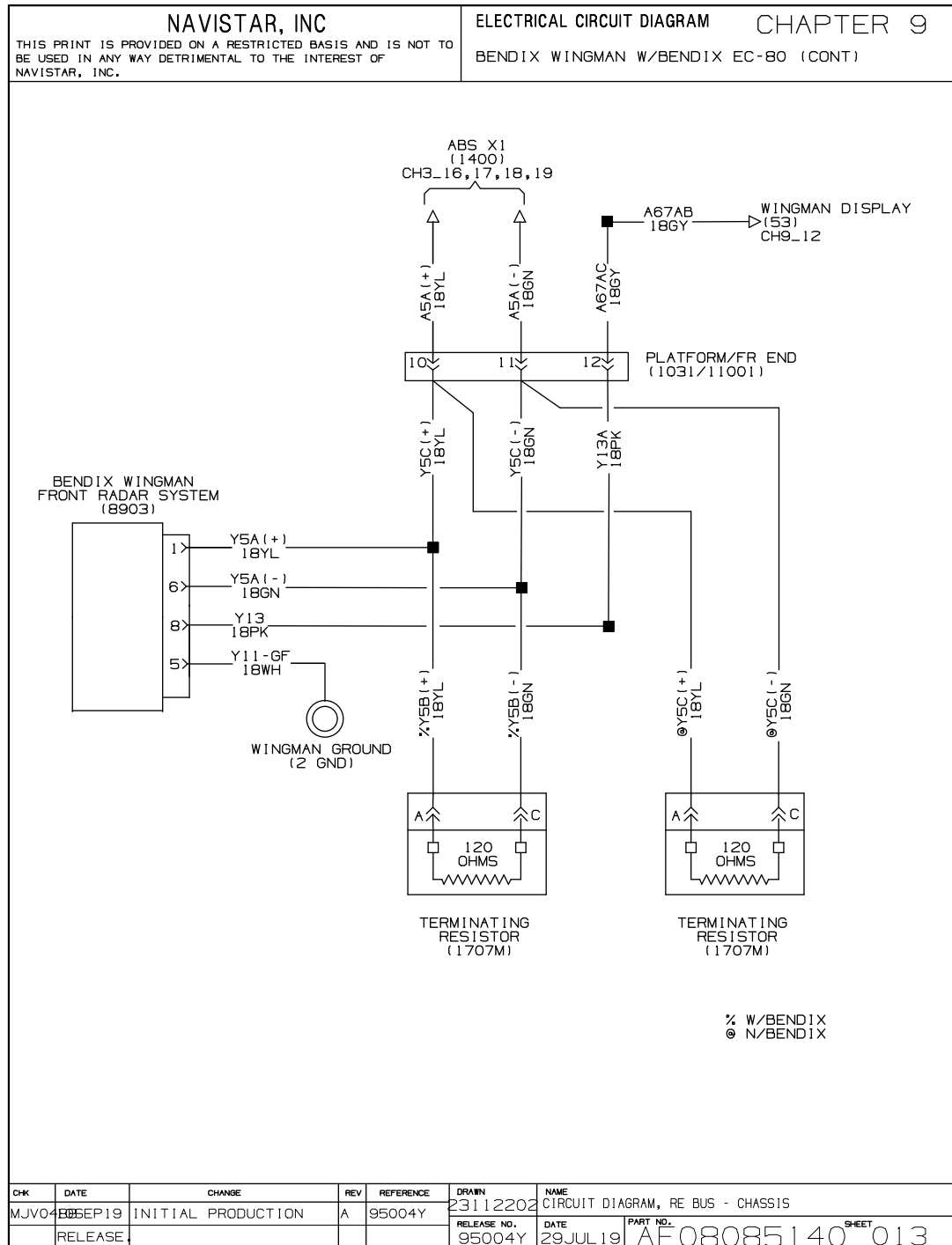


Figure 103 Bendix Wingman w/Bendix EC-80 (Cont.)

9.14. BENDIX FUSION OPTIONS, P. 14

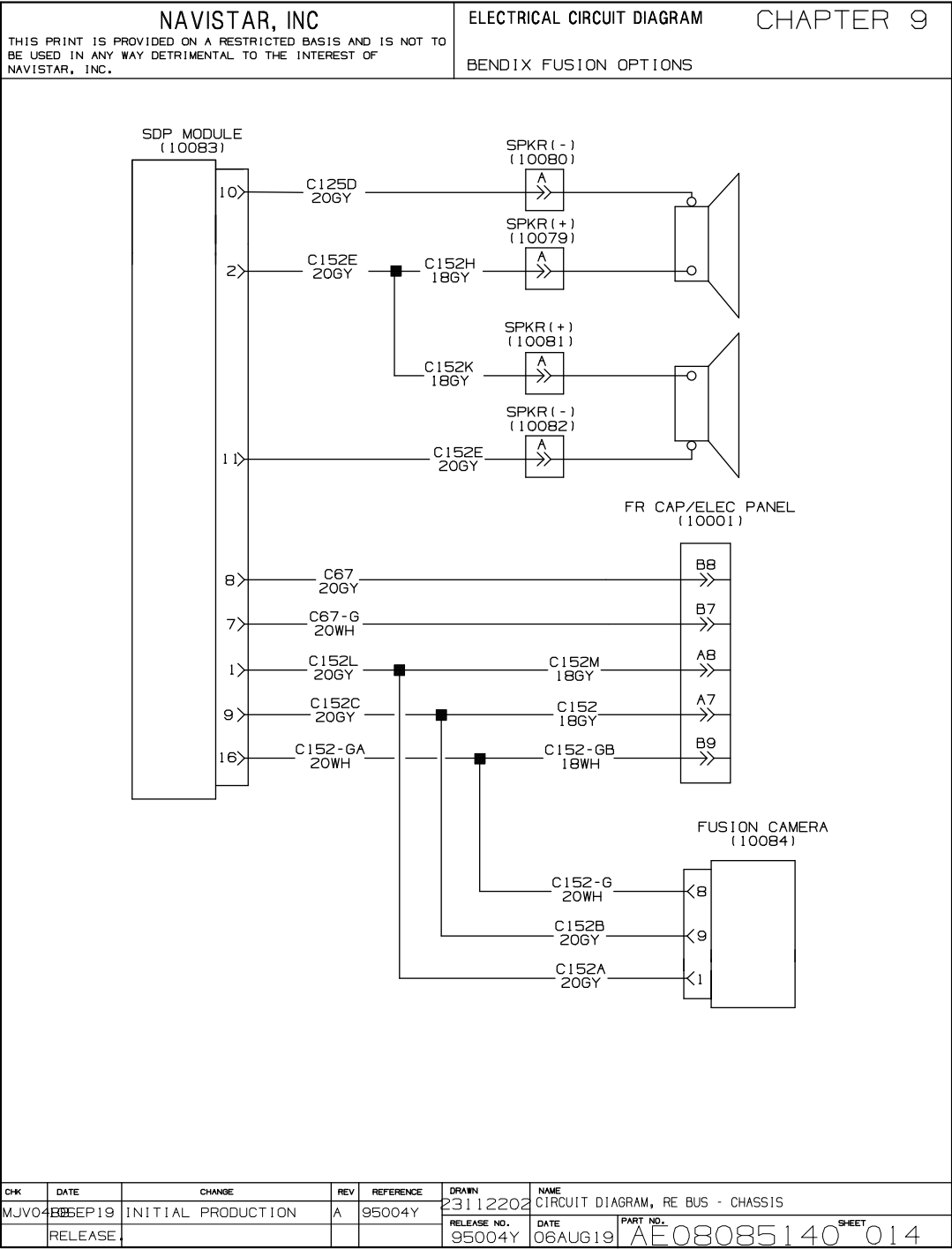


Figure 104 Bendix Fusion Options

9.15. BENDIX FUSION OPTIONS (CONT.), P. 15

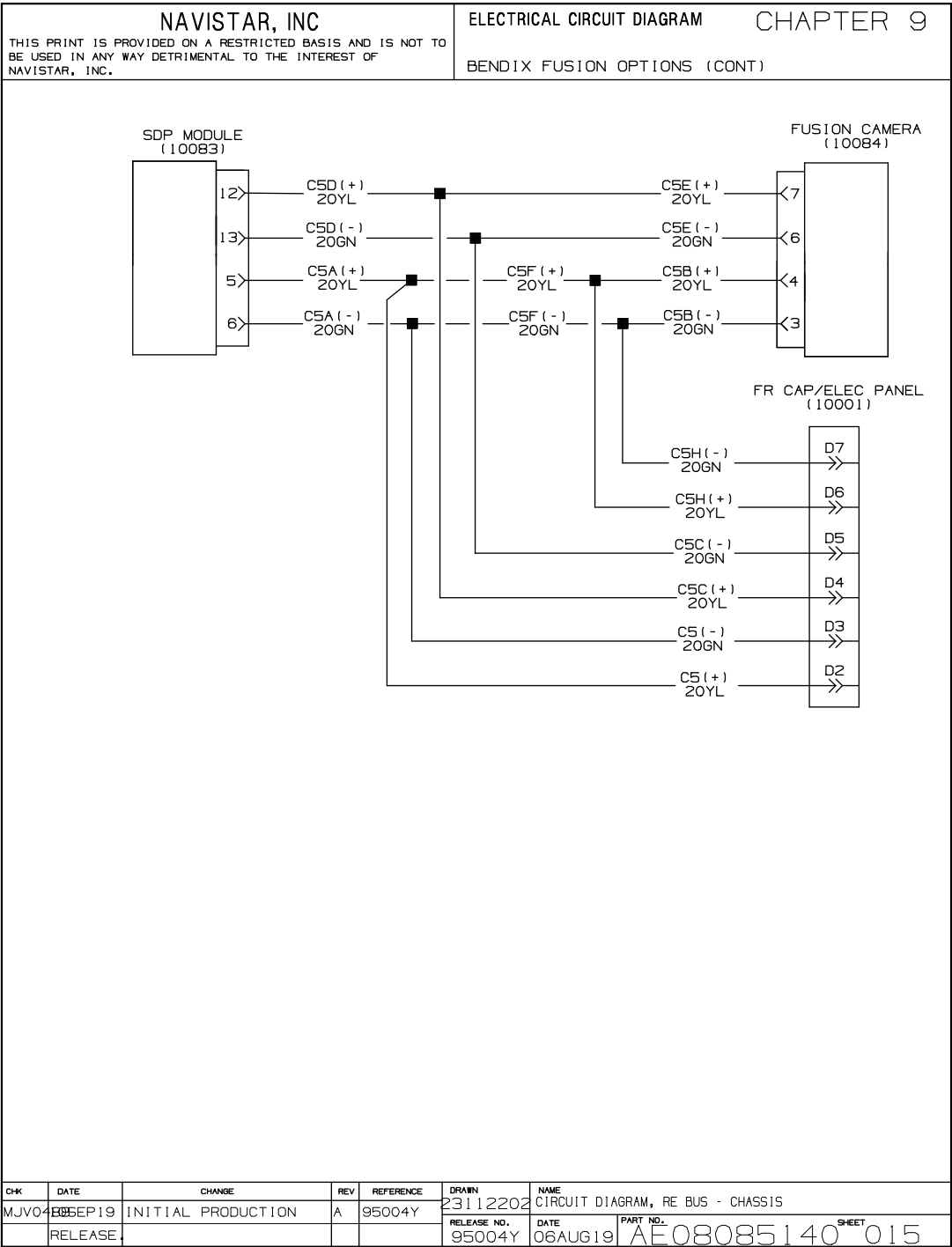


Figure 105 Bendix Fusion Options (Cont.)

9.16. IGNITION SPLICE CONNECTIONS, P. 16

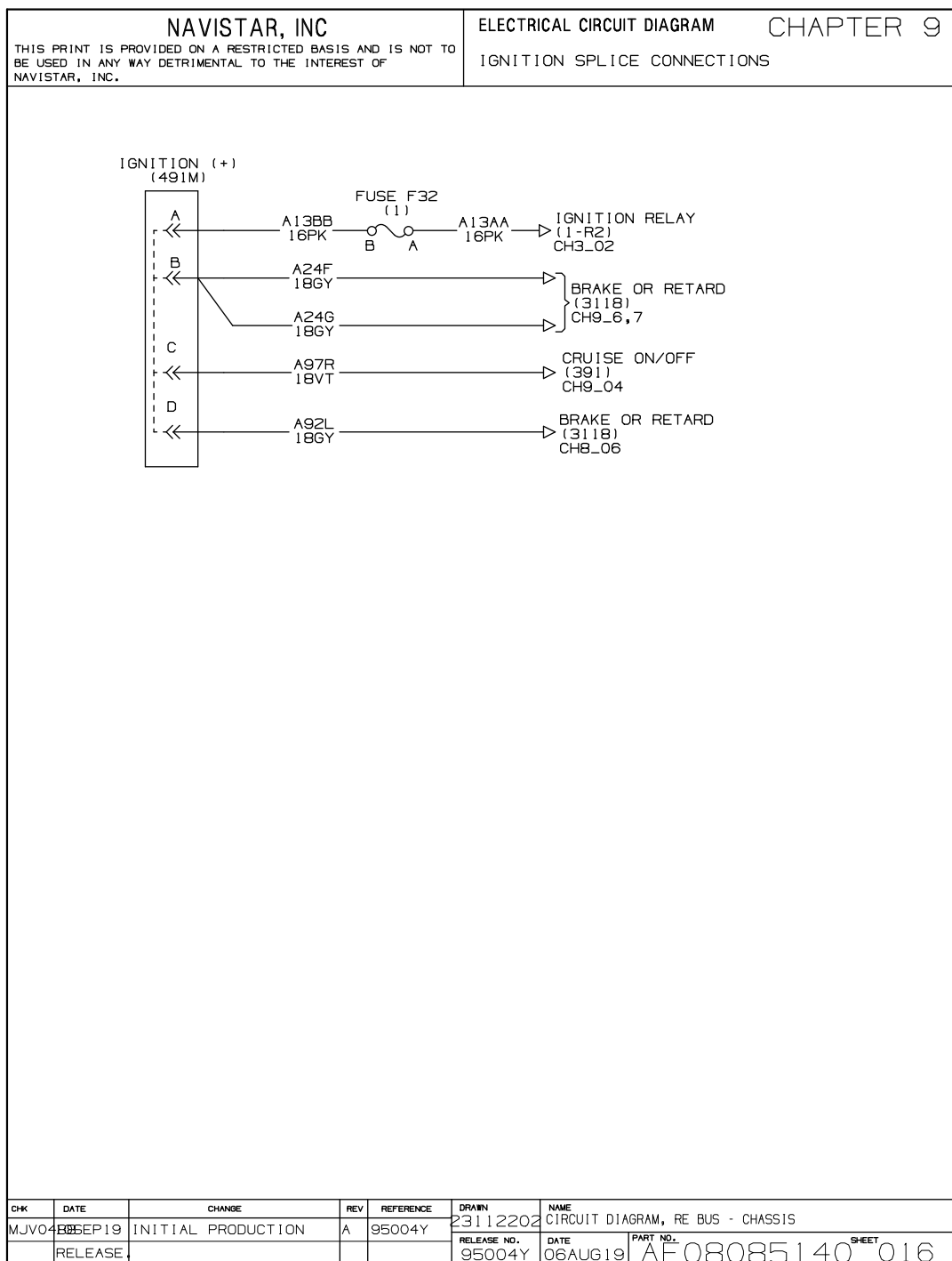


Figure 106 Ignition Splice Connections

HEATER / AIR CONDITIONING (CHAPTER 10)

10.1. ESPAR COOLANT HEATER W / WHITE TIMER, P. 1

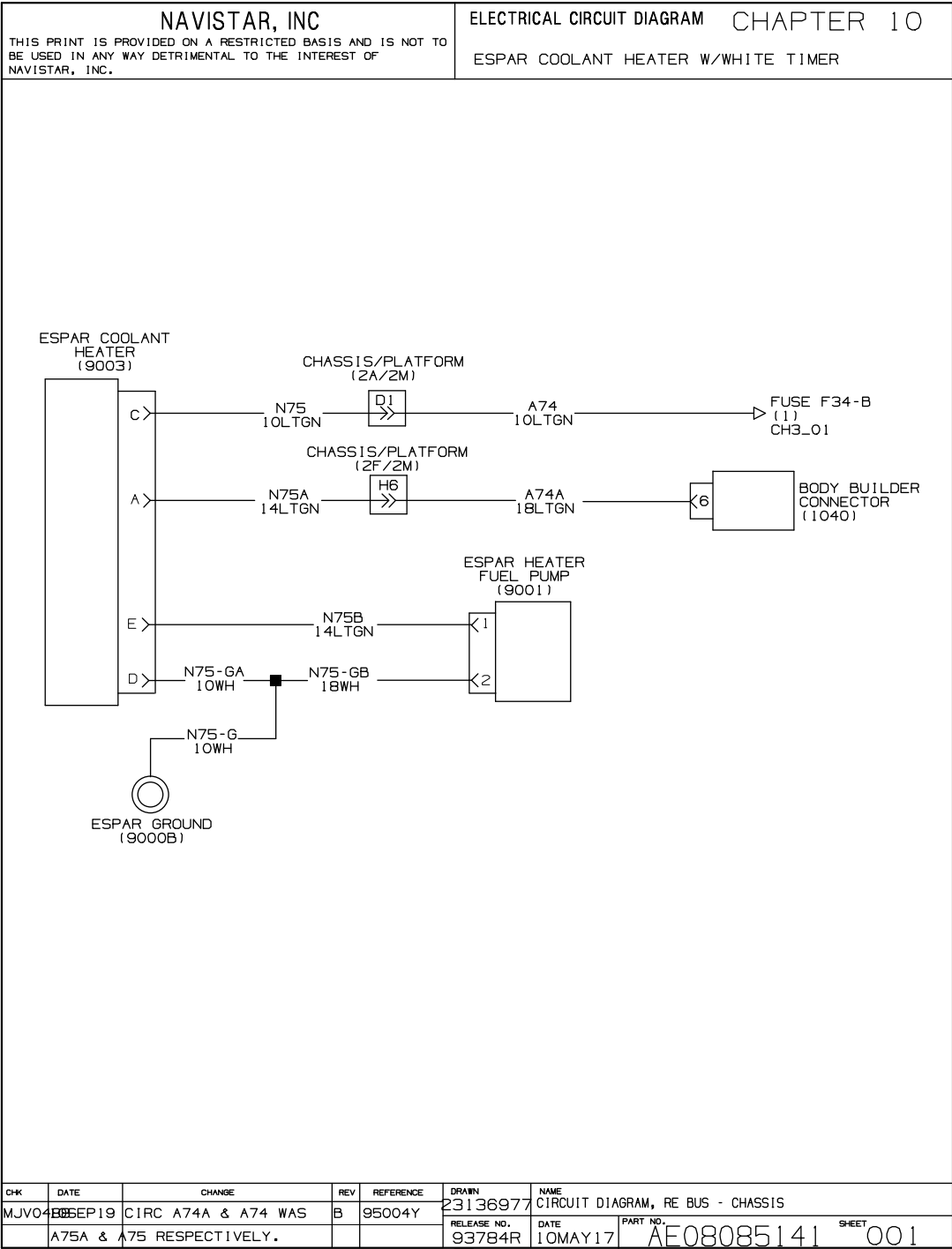


Figure 107 Espar Coolant Heater w / White Timer

10.2. ESPAR COOLANT HEATER W / 7 DAY TIMER W / DIAGNOSTIC, P. 2

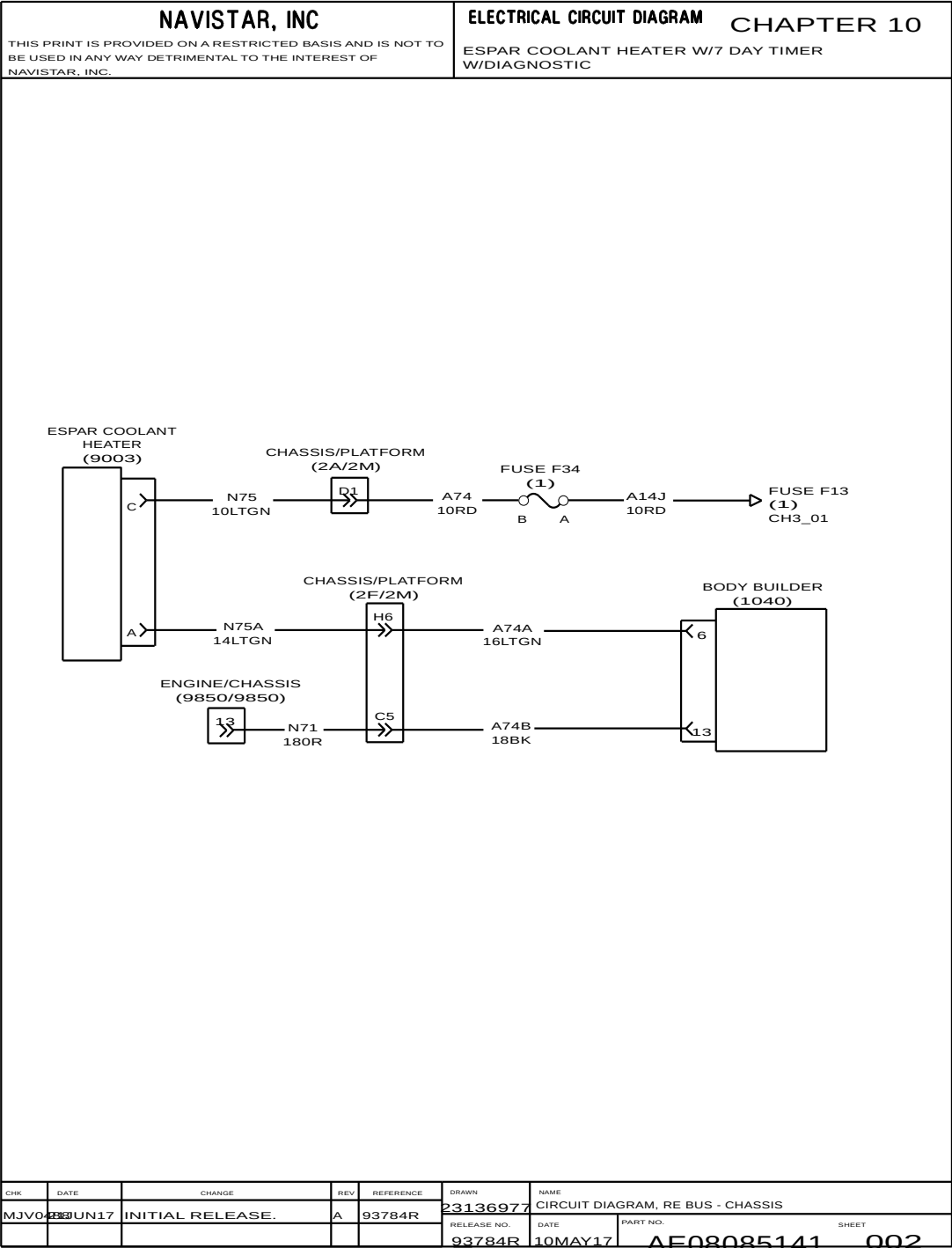


Figure 108 Espar Coolant Heater w / 7 Day Timer w / Diagnostic

10.3. 7 DAY TIMER W/ ESPAR HEATER W / BENDIX EC-80, P. 3

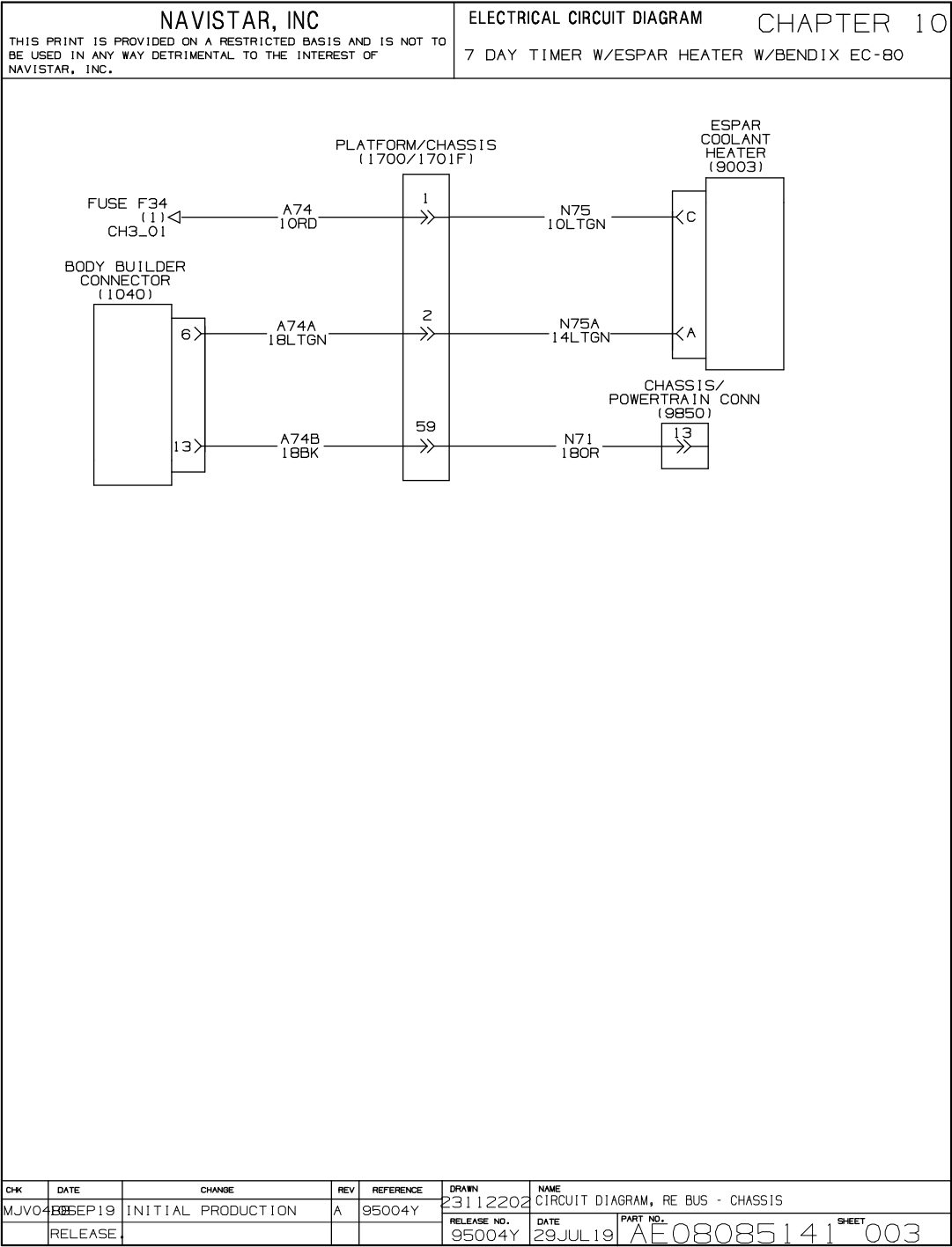


Figure 109 7 Day Timer w/ Espar Heater w / Bendix EC-80

10.4. ESPAR COOLANT HEATER W / WHITE TIMER W/ BENDIX EC-80, P. 4

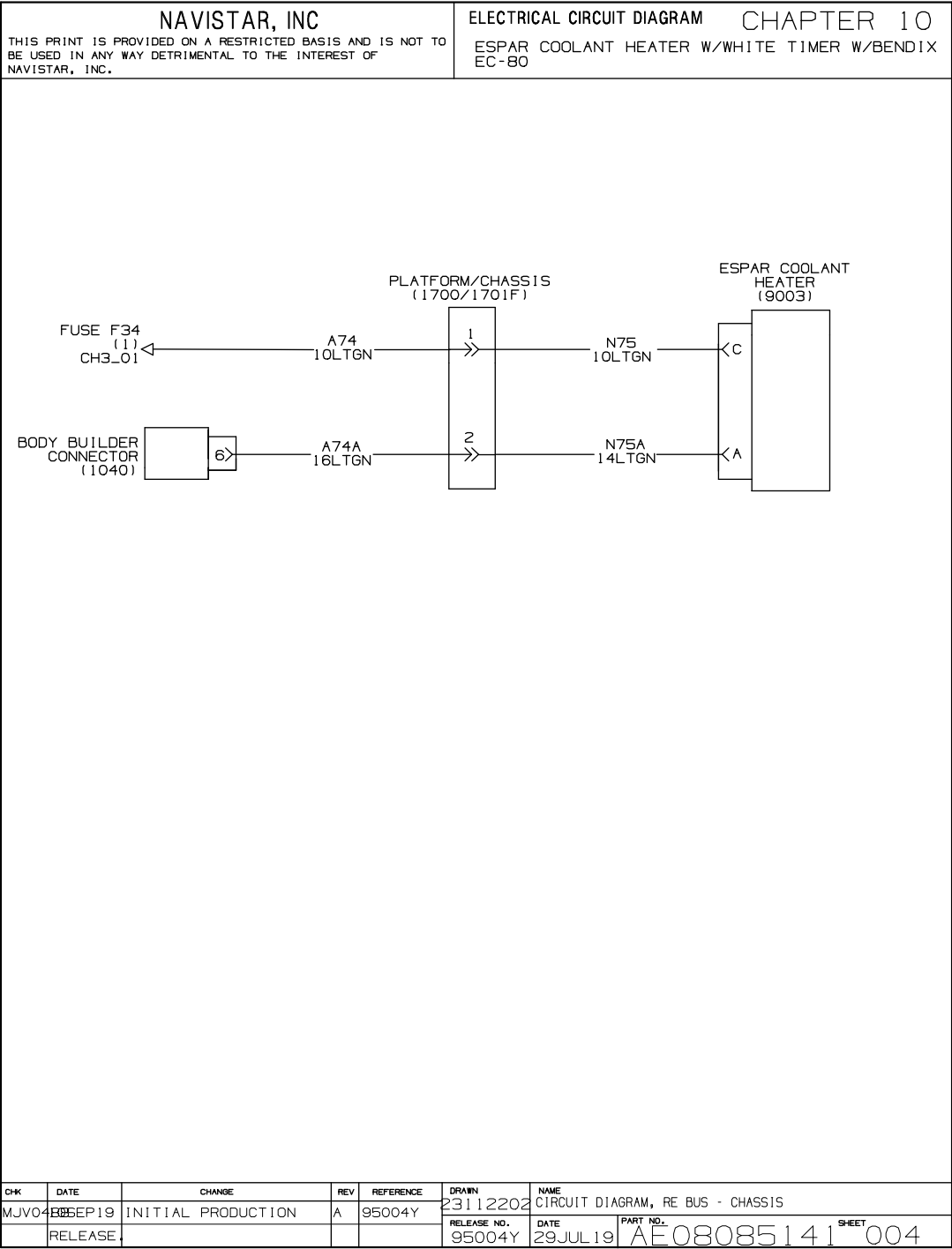


Figure 110 Espar Coolant Heater w / White Timer w/ Bendix EC-80

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11.1. INTENTIONALLY LEFT BLANK, P. 1

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INTENTIONALLY LEFT BLANK											
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME					
MJV0	03/01/17	INITIAL RELEASE.	A	93784R	23136977	CIRCUIT DIAGRAM, RE BUS - CHASSIS					
					RELEASE NO.	DATE	PART NO.	SHEET			
					93784R	10MAY17	AE08085142	001			

Figure 111 Intentionally Left Blank

CONNECTOR COMPOSITES (CHAPTER 12)

12.1. CONNECTOR BODY COMPOSITES (1), P. 1

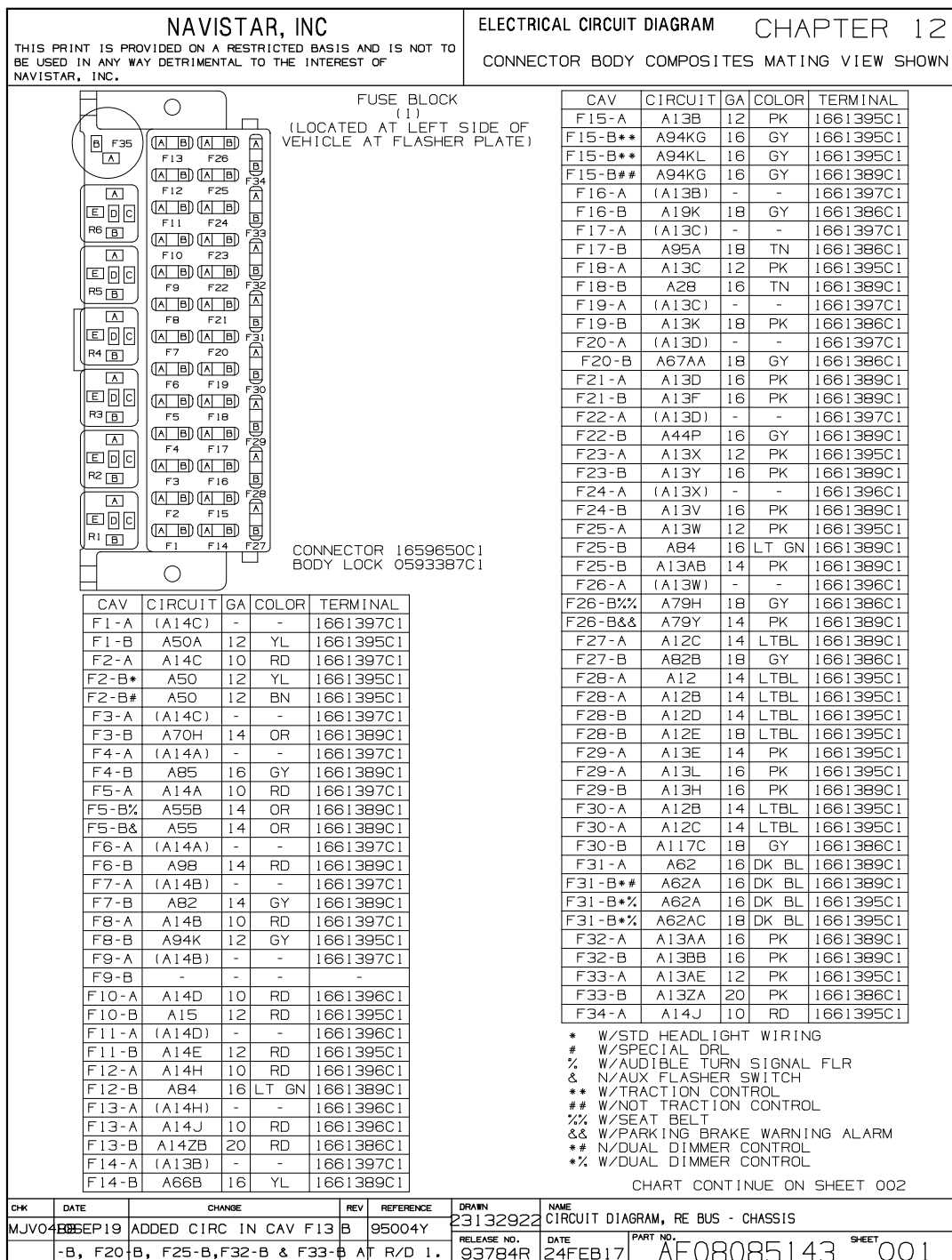


Figure 112 Connector Body Composites (1)

12.2. CONNECTOR BODY COMPOSITES (1), P. 2

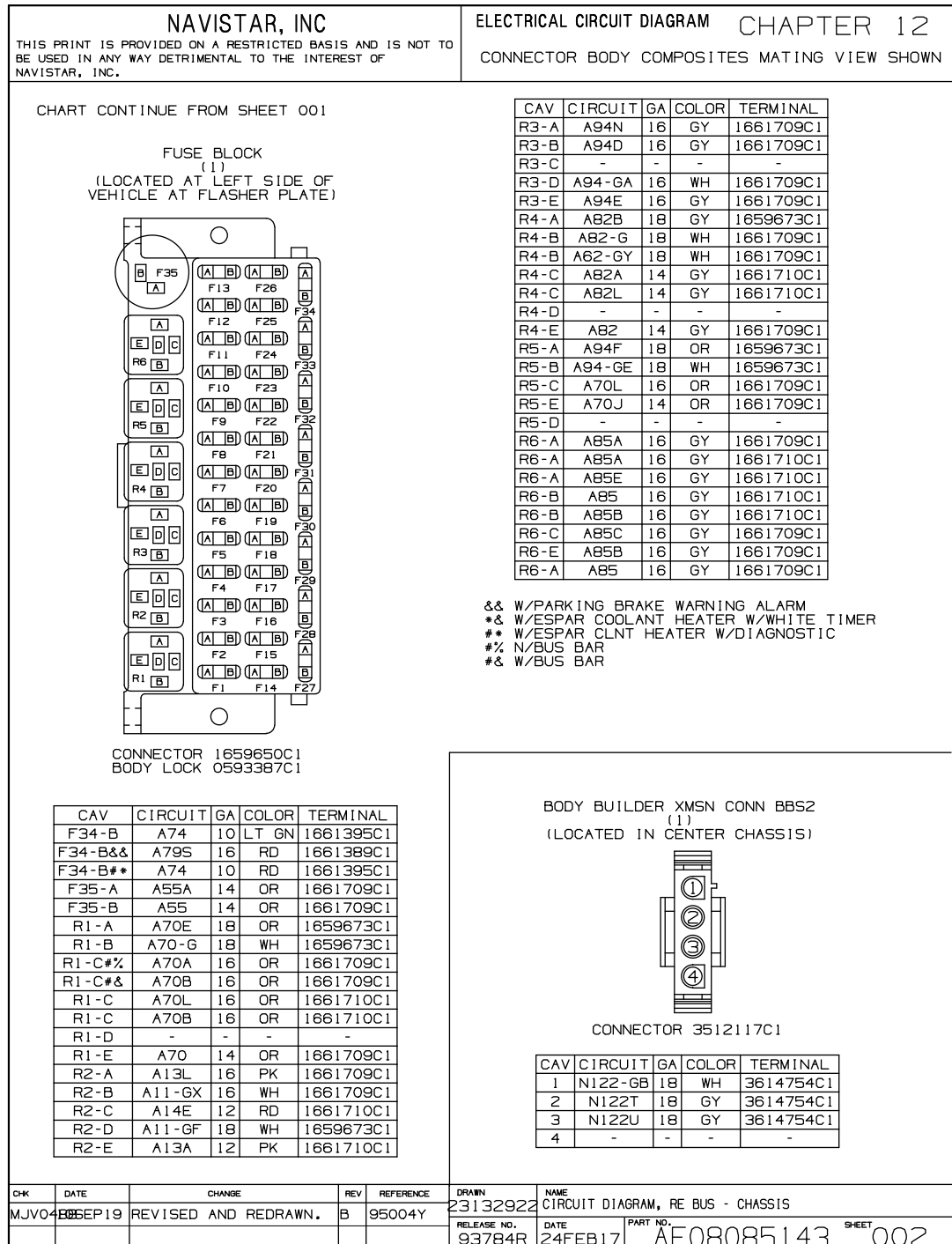


Figure 113 Connector Body Composites (1)

12.3. CONNECTOR BODY COMPOSITES (1C, 1F), P. 2A

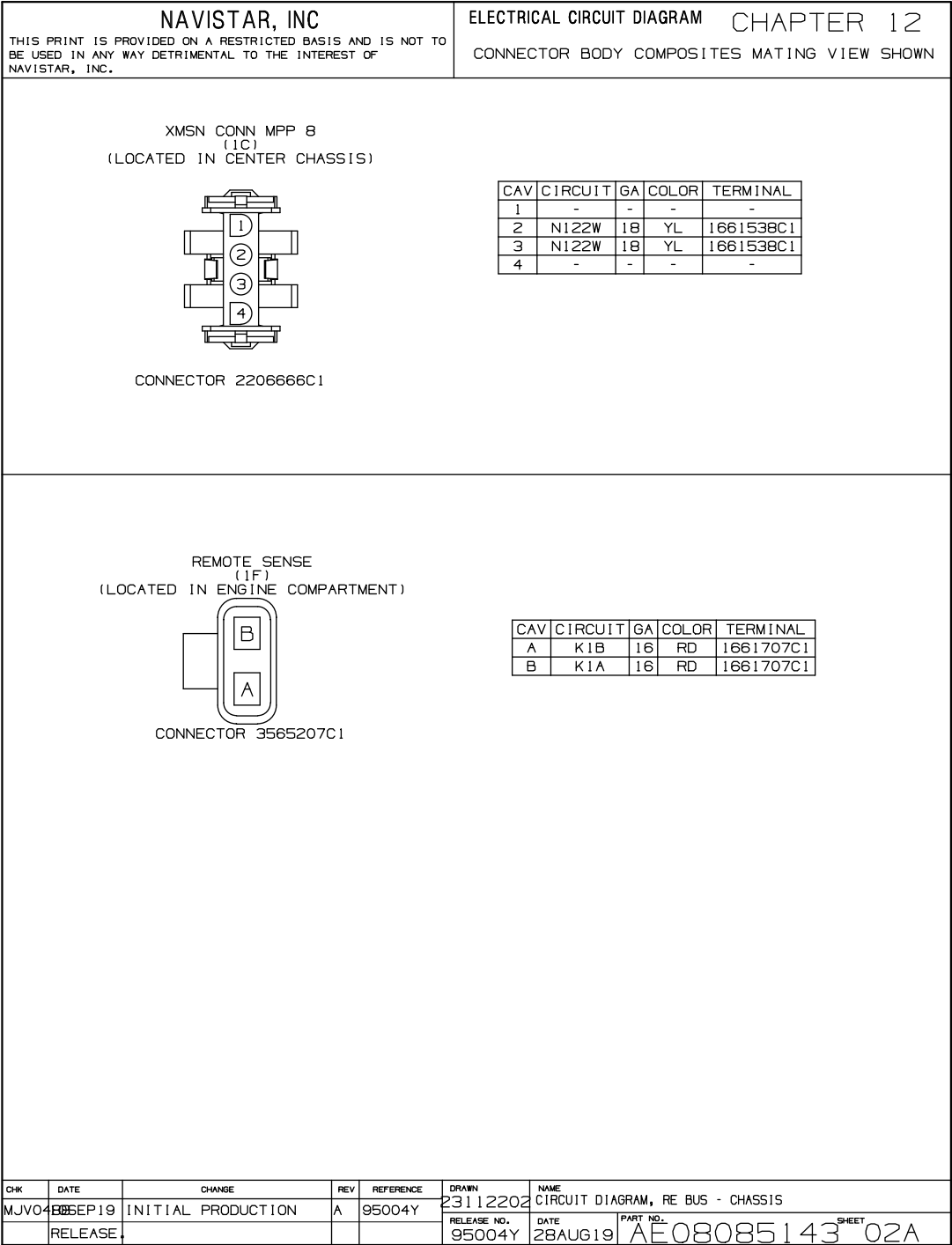


Figure 114 Connector Body Composites (1C, 1F)

12.4. CONNECTOR BODY COMPOSITES (RD1, 2A, 2F), P. 3

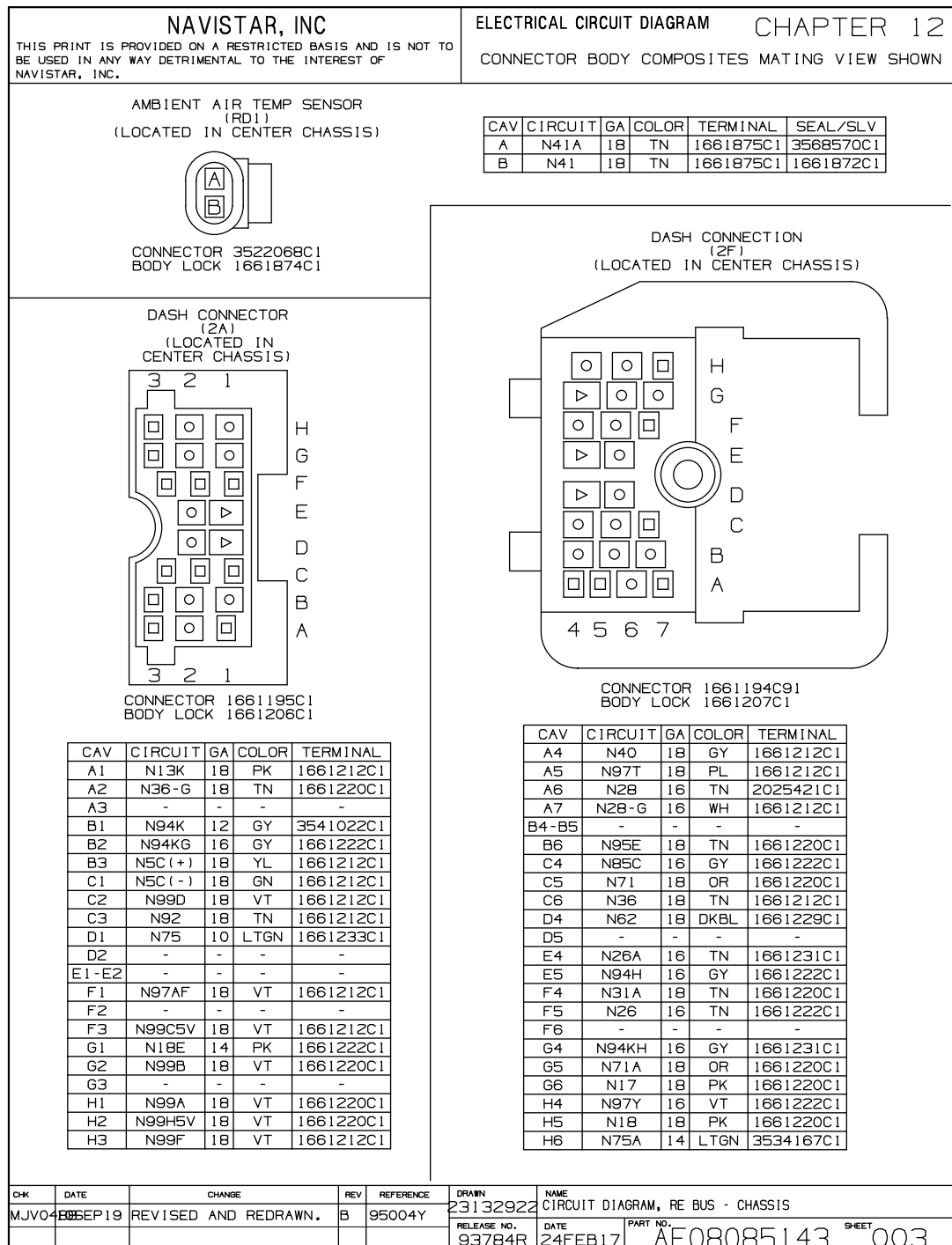


Figure 115 Connector Body Composites (RD1, 2A, 2F)

12.5. CONNECTOR BODY COMPOSITES (2M, RD2), P. 4

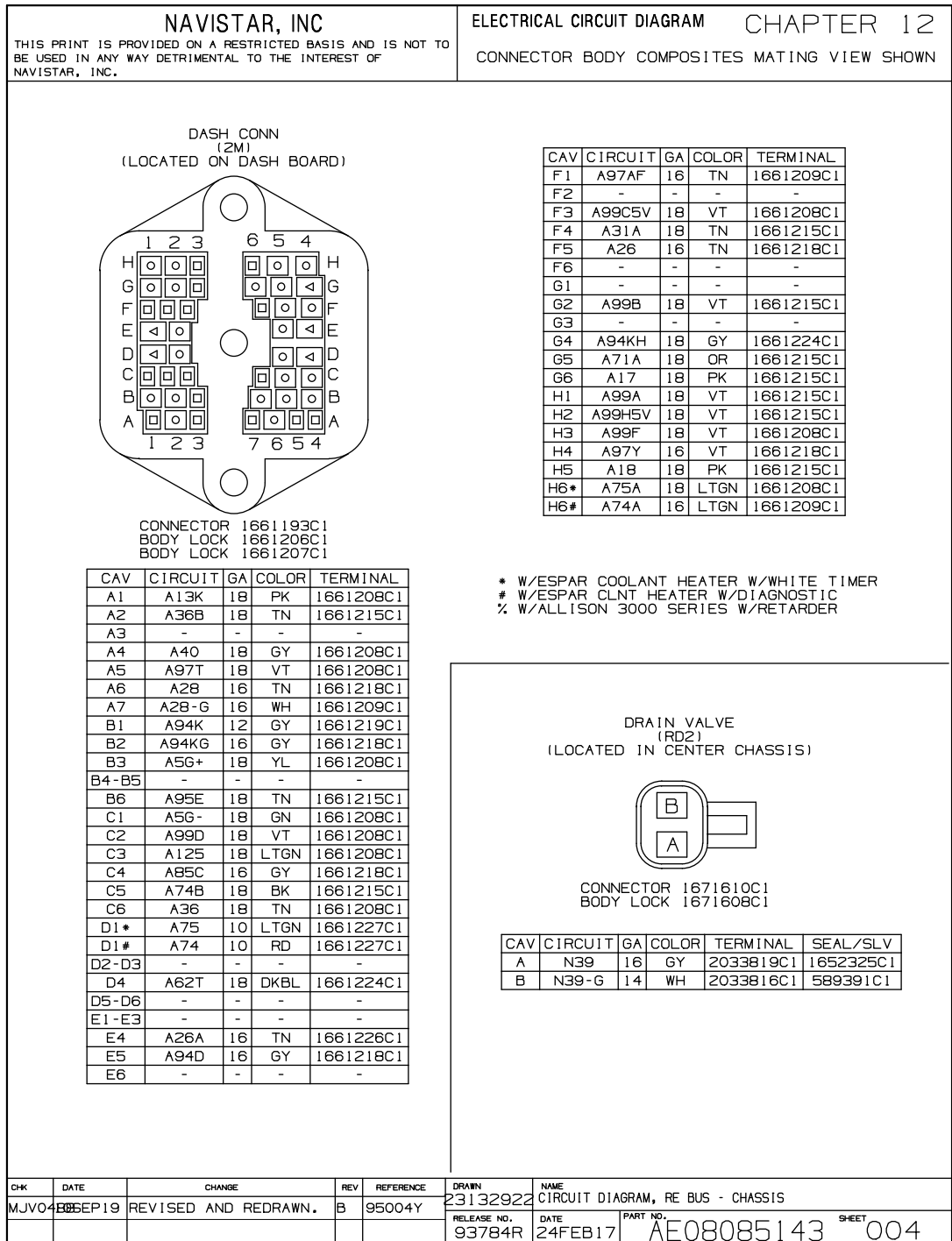


Figure 116 Connector Body Composites (2M, RD2)

12.6. CONNECTOR BODY COMPOSITES (RD3, RD4, RD5, RD7, 4M), P. 5

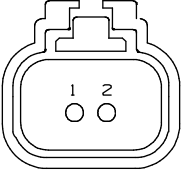
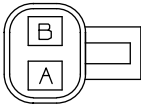
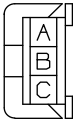
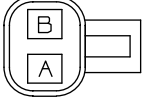
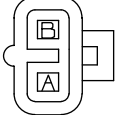
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																								
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																								
WIF SENSOR (RD3) (LOCATED IN CENTER CHASSIS)  CONNECTOR 3977821C1 <table border="1" style="width: 100%; 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>N95</td> <td>18</td> <td>TN</td> <td>3869614C1</td> </tr> <tr> <td>2</td> <td>N95A</td> <td>18</td> <td>TN</td> <td>3526966C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GA	COLOR	TERMINAL	1	N95	18	TN	3869614C1	2	N95A	18	TN	3526966C1	FUEL HEATER (RD4) (LOCATED IN CENTER CHASSIS)  CONNECTOR 1671610C1 BODY LOCK 1671608C1 <table border="1" style="width: 100%; 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>N19</td> <td>10</td> <td>GY</td> <td>1687847C1</td> <td>589390C1</td> </tr> <tr> <td>B</td> <td>N19-G</td> <td>10</td> <td>WH</td> <td>1687847C1</td> <td>589390C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	N19	10	GY	1687847C1	589390C1	B	N19-G	10	WH	1687847C1	589390C1			
CAV	CIRCUIT	GA	COLOR	TERMINAL																																									
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2	N95A	18	TN	3526966C1																																									
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																								
A	N19	10	GY	1687847C1	589390C1																																								
B	N19-G	10	WH	1687847C1	589390C1																																								
DIMMER (4M) (LOCATED INSIDE LEFT DASH PANEL)  CONNECTOR 1661198C1					<table border="1" style="width: 100%; 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>A52</td> <td>14</td> <td>YL</td> <td>3566715C1</td> </tr> <tr> <td>B</td> <td>A53</td> <td>14</td> <td>YL</td> <td>3566715C1</td> </tr> <tr> <td>C</td> <td>A51</td> <td>14</td> <td>YL</td> <td>3566715C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GA	COLOR	TERMINAL	A	A52	14	YL	3566715C1	B	A53	14	YL	3566715C1	C	A51	14	YL	3566715C1																
CAV	CIRCUIT	GA	COLOR	TERMINAL																																									
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B	A53	14	YL	3566715C1																																									
C	A51	14	YL	3566715C1																																									
DRAIN VALVE (RD5) (LOCATED IN CENTER CHASSIS)  CONNECTOR 1671610C1 BODY LOCK 1671608C1 <table border="1" style="width: 100%; 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>N39</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N39-G</td> <td>14</td> <td>WH</td> <td>2033816C1</td> <td>589391C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	N39	16	GY	2033819C1	1652325C1	B	N39-G	14	WH	2033816C1	589391C1	AIR DRYER (RD7) (LOCATED IN CENTER CHASSIS)  CONNECTOR 1673790C1 BODY LOCK 1673791C1 <table border="1" style="width: 100%; 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>N39</td> <td>14</td> <td>GY</td> <td>2033816C1</td> <td>589391C1</td> </tr> <tr> <td>B</td> <td>N39-G</td> <td>14</td> <td>WH</td> <td>2033816C1</td> <td>589391C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	N39	14	GY	2033816C1	589391C1	B	N39-G	14	WH	2033816C1	589391C1
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																								
A	N39	16	GY	2033819C1	1652325C1																																								
B	N39-G	14	WH	2033816C1	589391C1																																								
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B	N39-G	14	WH	2033816C1	589391C1																																								
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																							
MJVO	SEP19	REVISED AND REDRAWN.	B	95004Y	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS																																							
					RELEASE NO.	DATE	PART NO.	SHEET																																					
					93784R	27FEB17	AE08085143	005																																					

Figure 117 Connector Body Composites (RD3, RD4, RD5, RD7, 4M)

12.7. CONNECTOR BODY COMPOSITES (8M, 9, 10, 11M), P. 6

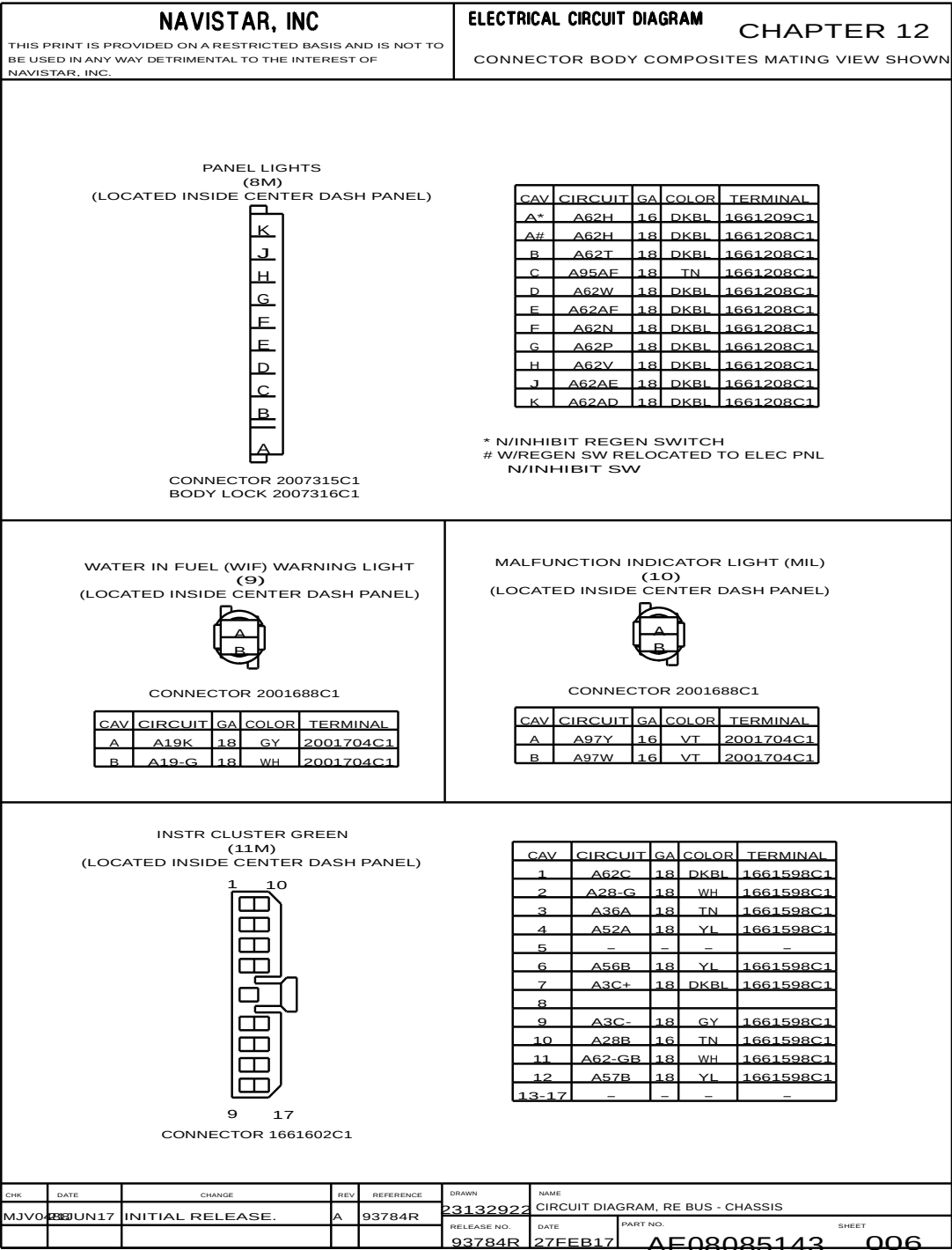


Figure 118 Connector Body Composites (8M, 9, 10, 11M)

12.8. CONNECTOR BODY COMPOSITES (12M, 13M, 22M), P. 7

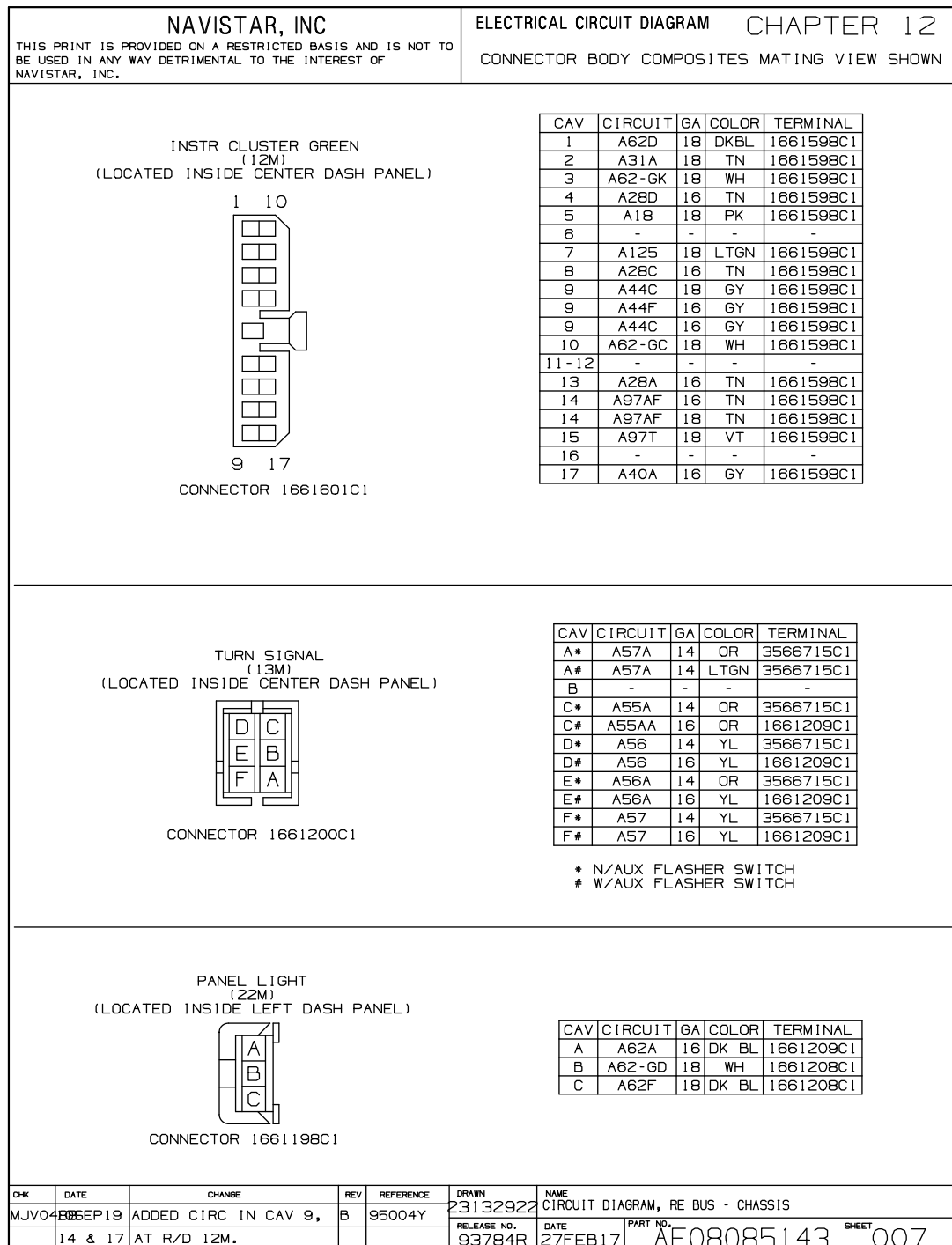


Figure 119 Connector Body Composites (12M, 13M, 22M)

12.9. CONNECTOR BODY COMPOSITES (23M, 35X3, 37F), P. 8

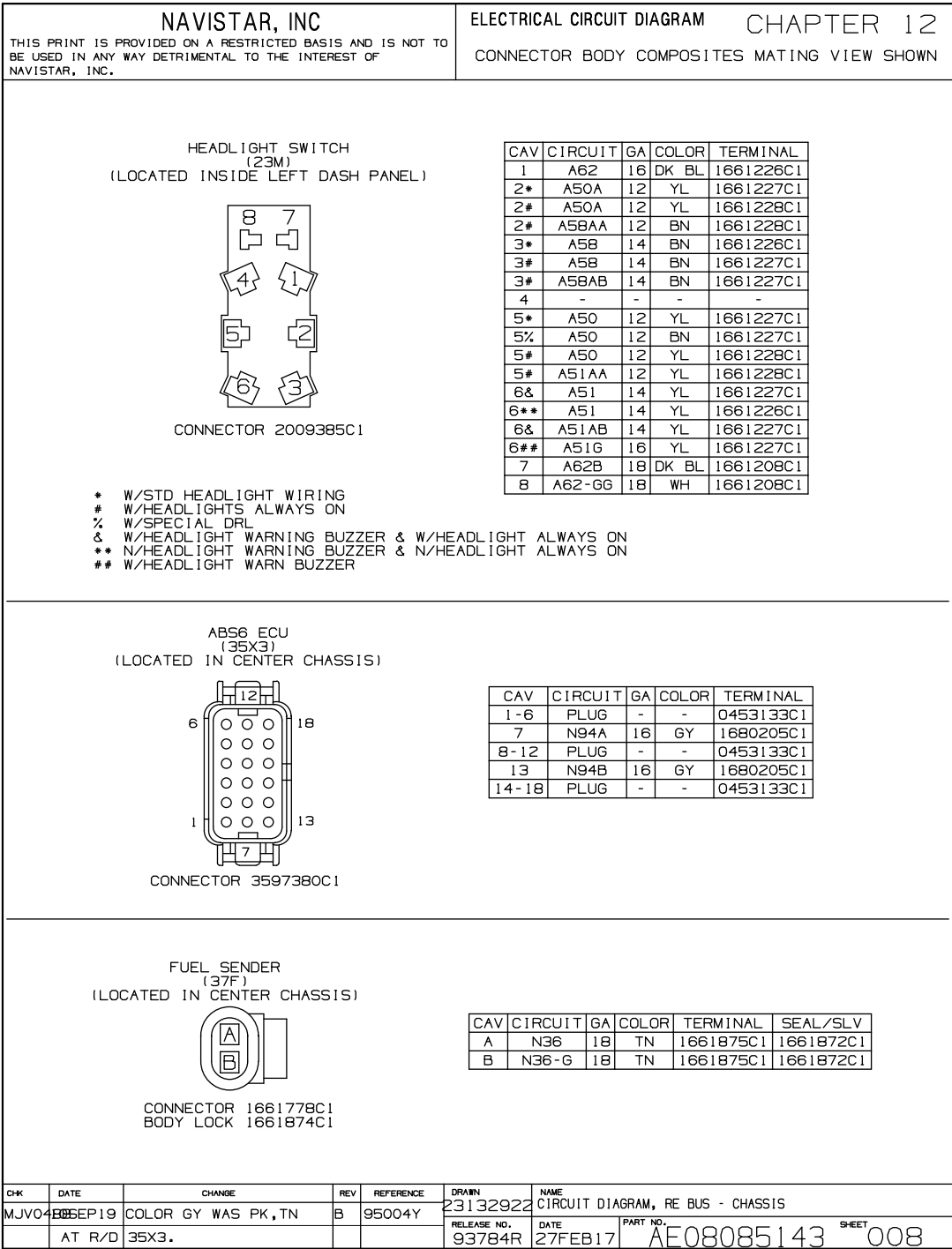


Figure 120 Connector Body Composites (23M, 35X3, 37F)

12.10. CONNECTOR BODY COMPOSITES (50, 51, 52, 52A), P. 9

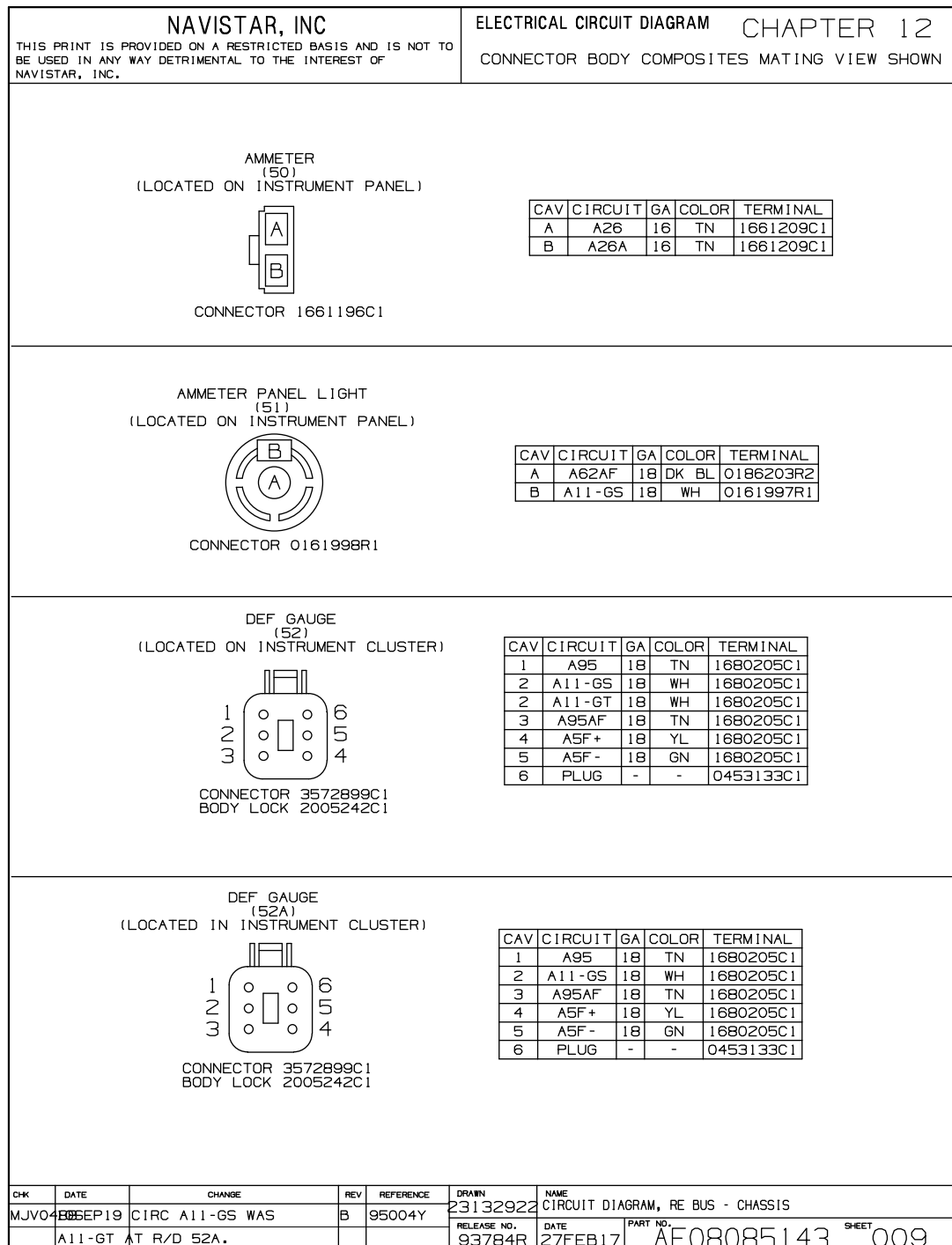


Figure 121 Connector Body Composites (50, 51, 52, 52A)

12.11. CONNECTOR BODY COMPOSITES (78M, 79M, 162, 168), P. 10

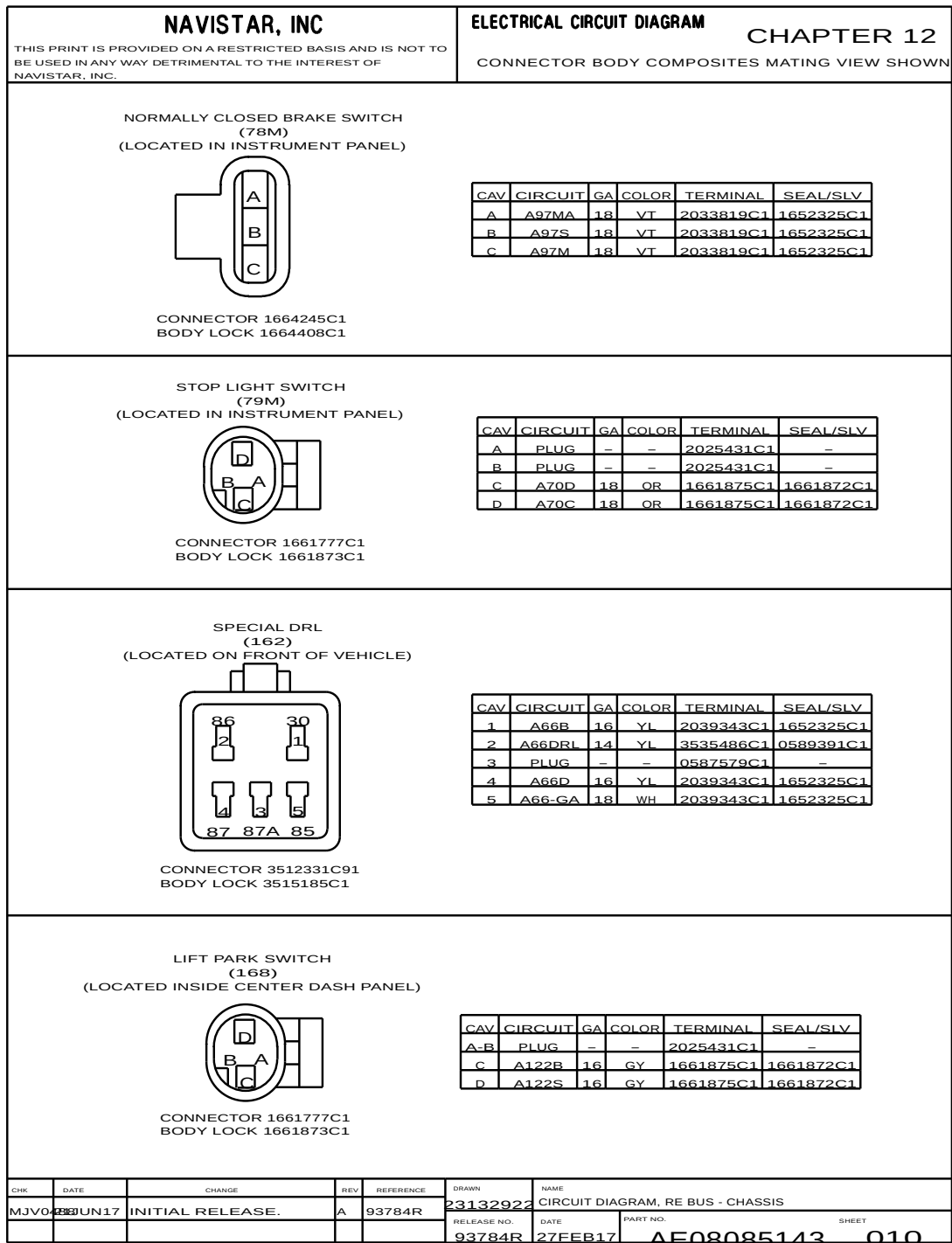


Figure 122 Connector Body Composites (78M, 79M, 162, 168)

12.12. CONNECTOR BODY COMPOSITES (168A, 211M, 211N, 212M), P. 11

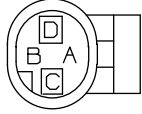
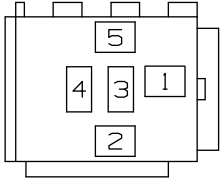
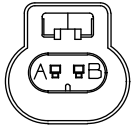
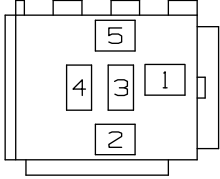
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WARNING PARK SWITCH (168A) (LOCATED INSIDE CENTER DASH PANEL)  CONNECTOR 1661777C1 BODY LOCK 1661873C1					<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLV</th></tr> </thead> <tbody> <tr> <td>A-B</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>-</td></tr> <tr> <td>C*</td><td>A44-GA</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> <tr> <td>C#</td><td>A44C-G</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> <tr> <td>D%</td><td>A44C</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr> <td>D*</td><td>A44E</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr> <td>D#</td><td>A44D</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> * W/SEAT BELT # W/PARKING BRAKE WARNING ALARM % W/PARK BRAKE INDICATOR					CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A-B	PLUG	-	-	2025431C1	-	C*	A44-GA	16	WH	1661875C1	1661872C1	C#	A44C-G	16	WH	1661875C1	1661872C1	D%	A44C	16	GY	1661875C1	1661872C1	D*	A44E	16	GY	1661875C1	1661872C1	D#	A44D	16	GY	1661875C1	1661872C1			
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																																	
A-B	PLUG	-	-	2025431C1	-																																																	
C*	A44-GA	16	WH	1661875C1	1661872C1																																																	
C#	A44C-G	16	WH	1661875C1	1661872C1																																																	
D%	A44C	16	GY	1661875C1	1661872C1																																																	
D*	A44E	16	GY	1661875C1	1661872C1																																																	
D#	A44D	16	GY	1661875C1	1661872C1																																																	
AUDIBLE ALARM (211M) (LOCATED INSIDE CENTER DASH PANEL)  CONNECTOR 0593385C1 BODY LOCK 0593387C1					<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr> <td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>2</td><td>A40</td><td>18</td><td>GY</td><td>1661709C1</td></tr> <tr> <td>2</td><td>A40A</td><td>16</td><td>GY</td><td>1661709C1</td></tr> <tr> <td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>4</td><td>A29/35</td><td>18</td><td>VT</td><td>1661709C1</td></tr> <tr> <td>4</td><td>A29/35A</td><td>18</td><td>VT</td><td>1661709C1</td></tr> <tr> <td>5</td><td>A13F</td><td>16</td><td>PK</td><td>1661709C1</td></tr> <tr> <td>5</td><td>A13FA</td><td>18</td><td>VT</td><td>1661709C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GA	COLOR	TERMINAL	1	-	-	-	-	2	A40	18	GY	1661709C1	2	A40A	16	GY	1661709C1	3	-	-	-	-	4	A29/35	18	VT	1661709C1	4	A29/35A	18	VT	1661709C1	5	A13F	16	PK	1661709C1	5	A13FA	18	VT	1661709C1
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3	-	-	-	-																																																		
4	A29/35	18	VT	1661709C1																																																		
4	A29/35A	18	VT	1661709C1																																																		
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5	A13FA	18	VT	1661709C1																																																		
RESISTER FOR AUDIBLE ALARM (211N)  CONNECTOR 3683465C1 BODY LOCK 3683466C1					<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>A29/35A</td><td>18</td><td>VT</td><td>3683464C1</td></tr> <tr> <td>B</td><td>A13FA</td><td>18</td><td>VT</td><td>3683464C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GA	COLOR	TERMINAL	A	A29/35A	18	VT	3683464C1	B	A13FA	18	VT	3683464C1																														
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																		
A	A29/35A	18	VT	3683464C1																																																		
B	A13FA	18	VT	3683464C1																																																		
HEADLIGHT ALARM (212M) (LOCATED INSIDE CENTER DASH PANEL)  CONNECTOR 0593385C1 BODY LOCK 0593387C1 * W/ HEADLIGHT WARNING BUZZER AND W/HEADLIGHT ALWAYS ON # W/ ENGINE COMPARTMENT TEMP WARNING					<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>1-3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>4*</td><td>A11-GE</td><td>16</td><td>WH</td><td>1661710C1</td></tr> <tr> <td>4*</td><td>A11-GH</td><td>16</td><td>WH</td><td>1661710C1</td></tr> <tr> <td>4*</td><td>A41-GA</td><td>16</td><td>WH</td><td>1661709C1</td></tr> <tr> <td>5*</td><td>A51H</td><td>16</td><td>YL</td><td>1661709C1</td></tr> <tr> <td>5#</td><td>A41A</td><td>16</td><td>TN</td><td>1661709C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GA	COLOR	TERMINAL	1-3	-	-	-	-	4*	A11-GE	16	WH	1661710C1	4*	A11-GH	16	WH	1661710C1	4*	A41-GA	16	WH	1661709C1	5*	A51H	16	YL	1661709C1	5#	A41A	16	TN	1661709C1										
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																		
1-3	-	-	-	-																																																		
4*	A11-GE	16	WH	1661710C1																																																		
4*	A11-GH	16	WH	1661710C1																																																		
4*	A41-GA	16	WH	1661709C1																																																		
5*	A51H	16	YL	1661709C1																																																		
5#	A41A	16	TN	1661709C1																																																		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																
MJV04	08SEP19	ADDED CIRC A29/35A	B	95004Y	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS																																																
	& A13FA	AT R/D 211M.			RELEASE NO.	DATE	PART NO.	SHEET																																														
					93784R	27FEB17	AE08085143	011																																														

Figure 123 Connector Body Composites (168A, 211M, 211N, 212M)

12.13. CONNECTOR BODY COMPOSITES (288X1, 289, 290, 291, 292), P. 12

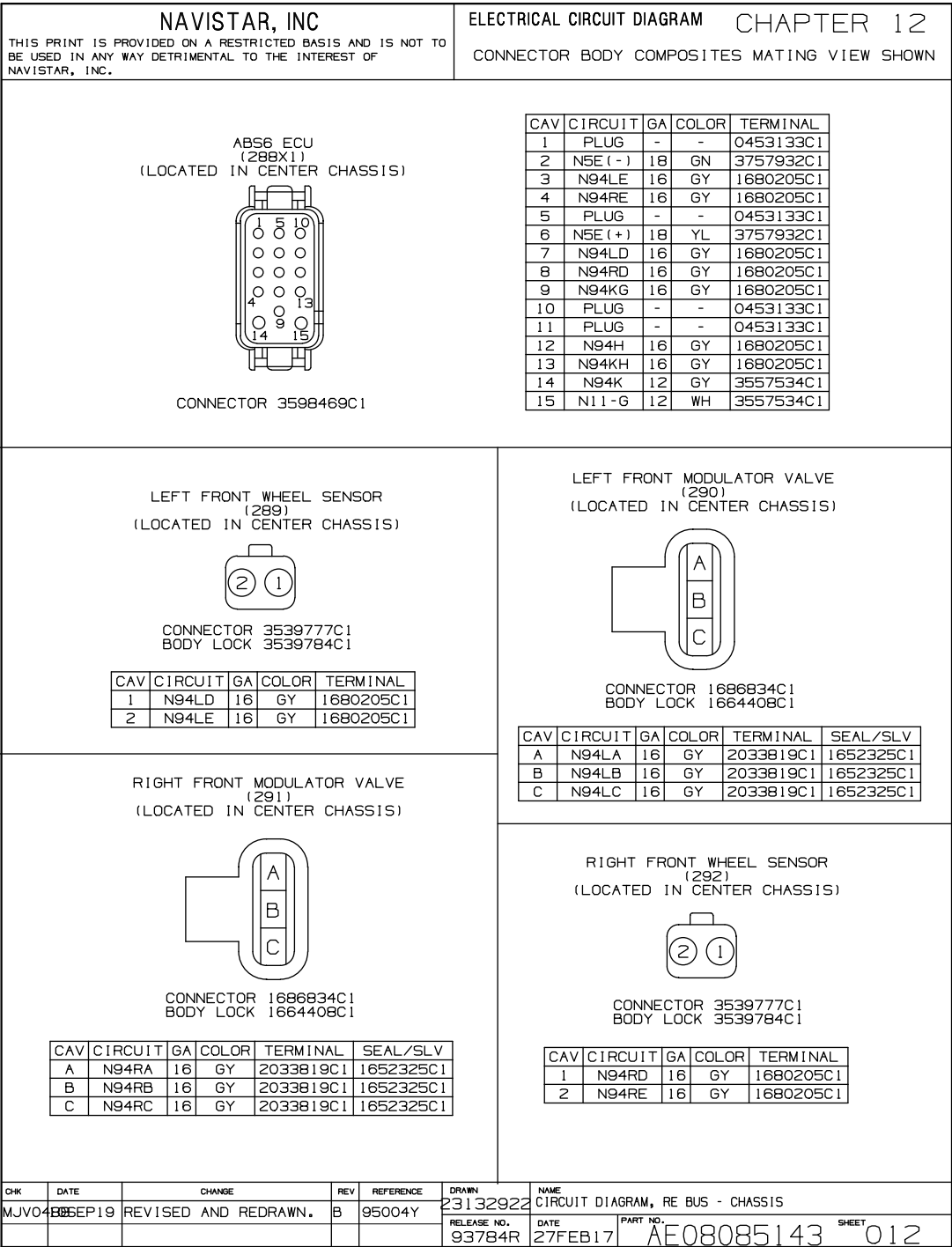


Figure 124 Connector Body Composites (288X1, 289, 290, 291, 292)

12.14. CONNECTOR BODY COMPOSITES (297, 299, 350X2, 351, 352, 353, 354), P. 13

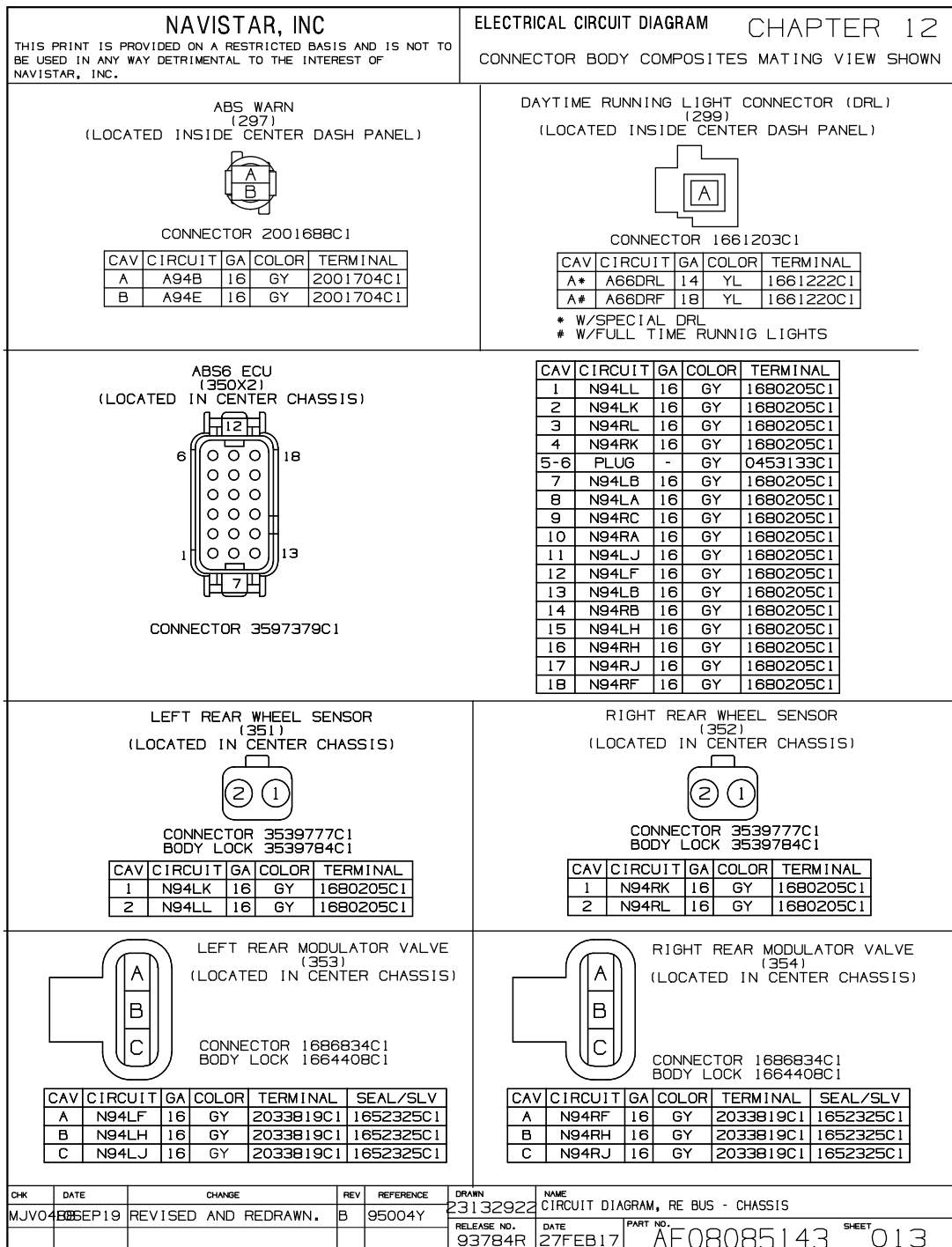


Figure 125 Connector Body Composites (297, 299, 350X2, 351, 352, 353, 354)

12.15. CONNECTOR BODY COMPOSITES (382M, 391, 392, 500), P. 14

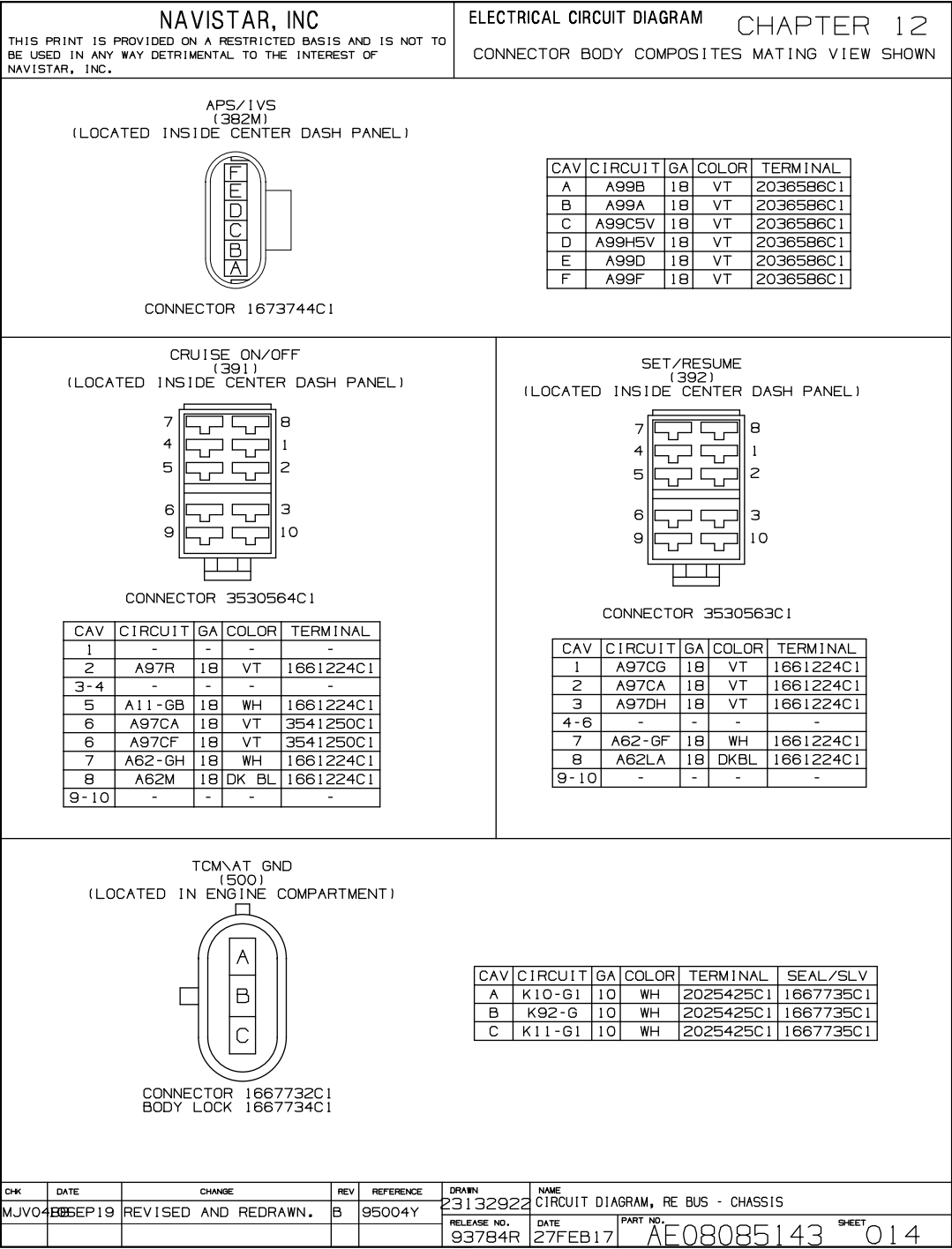


Figure 126 Connector Body Composites (382M, 391, 392, 500)

12.16. CONNECTOR BODY COMPOSITES (523), P. 15

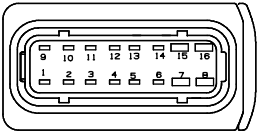
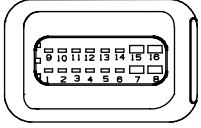
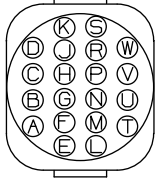
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 12																																																																																																													
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TRANSMISSION HARNESS INTERCONNECT (523) (LOCATED ON TRANSMISSION)  CONNECTOR 6132323C1					<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>1</td><td>K#134</td><td>18</td><td>OR</td><td>4086472C1</td><td>3922307C1</td></tr><tr><td>2</td><td>K#163B</td><td>18</td><td>YL</td><td>4086472C1</td><td>3922307C1</td></tr><tr><td>3</td><td>K#169A</td><td>18</td><td>GY</td><td>4086472C1</td><td>3922307C1</td></tr><tr><td>4</td><td>K#112B</td><td>18</td><td>PK</td><td>4086472C1</td><td>3922307C1</td></tr><tr><td>5</td><td>K103E</td><td>18</td><td>YL</td><td>4086472C1</td><td>3922307C1</td></tr><tr><td>6</td><td>K#170A</td><td>18</td><td>PK</td><td>4086472C1</td><td>3922307C1</td></tr><tr><td>7</td><td>K#161A</td><td>18</td><td>OR</td><td>3830792C1</td><td>3532128C1</td></tr><tr><td>8</td><td>K#158A</td><td>18</td><td>LTGN</td><td>3830792C1</td><td>3532128C1</td></tr><tr><td>9</td><td>K#156</td><td>18</td><td>YL</td><td>4086472C1</td><td>3922307C1</td></tr><tr><td>10</td><td>K#129</td><td>18</td><td>LTGN</td><td>4086472C1</td><td>3922307C1</td></tr><tr><td>11</td><td>K70C</td><td>18</td><td>OR</td><td>4086472C1</td><td>3922307C1</td></tr><tr><td>12</td><td>K92B164</td><td>18</td><td>DKBL</td><td>4086472C1</td><td>3922307C1</td></tr><tr><td>13</td><td>K92H</td><td>18</td><td>GY</td><td>4086472C1</td><td>3922307C1</td></tr><tr><td>14</td><td>PLUG</td><td>-</td><td>-</td><td>3577744C1</td><td>-</td></tr><tr><td>15*</td><td>K39B</td><td>16</td><td>GY</td><td>3830798C1</td><td>3509903C1</td></tr><tr><td>15</td><td>KD26</td><td>16</td><td>GY</td><td>3830798C1</td><td>3509903C1</td></tr><tr><td>16</td><td>K39-G</td><td>16</td><td>WH</td><td>3830798C1</td><td>3509903C1</td></tr></tbody></table> * W/MMETER				CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	1	K#134	18	OR	4086472C1	3922307C1	2	K#163B	18	YL	4086472C1	3922307C1	3	K#169A	18	GY	4086472C1	3922307C1	4	K#112B	18	PK	4086472C1	3922307C1	5	K103E	18	YL	4086472C1	3922307C1	6	K#170A	18	PK	4086472C1	3922307C1	7	K#161A	18	OR	3830792C1	3532128C1	8	K#158A	18	LTGN	3830792C1	3532128C1	9	K#156	18	YL	4086472C1	3922307C1	10	K#129	18	LTGN	4086472C1	3922307C1	11	K70C	18	OR	4086472C1	3922307C1	12	K92B164	18	DKBL	4086472C1	3922307C1	13	K92H	18	GY	4086472C1	3922307C1	14	PLUG	-	-	3577744C1	-	15*	K39B	16	GY	3830798C1	3509903C1	15	KD26	16	GY	3830798C1	3509903C1	16	K39-G	16	WH	3830798C1	3509903C1
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CHASSIS/POWERTRAIN CONN (523) (LOCATED IN CENTER CHASSIS)  CONNECTOR 6132324C1					<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>1</td><td>N134</td><td>18</td><td>OR</td><td>4086473C1</td><td>3573653C1</td></tr><tr><td>2</td><td>N92A</td><td>18</td><td>TN</td><td>4086473C1</td><td>3573653C1</td></tr><tr><td>3</td><td>N92B</td><td>18</td><td>TN</td><td>4086473C1</td><td>3573653C1</td></tr><tr><td>4-5</td><td>PLUG</td><td>-</td><td>-</td><td>3577744C1</td><td>-</td></tr><tr><td>6</td><td>N92C</td><td>18</td><td>TN</td><td>4086473C1</td><td>3573653C1</td></tr><tr><td>7-9</td><td>PLUG</td><td>-</td><td>-</td><td>3577744C1</td><td>-</td></tr><tr><td>10</td><td>N92</td><td>18</td><td>TN</td><td>4086473C1</td><td>3573653C1</td></tr><tr><td>11-14</td><td>PLUG</td><td>-</td><td>-</td><td>3577744C1</td><td>-</td></tr><tr><td>15</td><td>N39</td><td>14</td><td>GY</td><td>4086477C1</td><td>3509903C1</td></tr><tr><td>16</td><td>N39-G</td><td>14</td><td>WH</td><td>4086477C1</td><td>3509903C1</td></tr></tbody></table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	1	N134	18	OR	4086473C1	3573653C1	2	N92A	18	TN	4086473C1	3573653C1	3	N92B	18	TN	4086473C1	3573653C1	4-5	PLUG	-	-	3577744C1	-	6	N92C	18	TN	4086473C1	3573653C1	7-9	PLUG	-	-	3577744C1	-	10	N92	18	TN	4086473C1	3573653C1	11-14	PLUG	-	-	3577744C1	-	15	N39	14	GY	4086477C1	3509903C1	16	N39-G	14	WH	4086477C1	3509903C1																																										
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TRANSMISSION CHASSIS CONN (523) (LOCATED ON TRANSMISSION)  CONNECTOR 3522538C91 BODY LOCK 3518289C1					<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>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr><tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr><tr><td>C</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr><tr><td>D</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr><tr><td>E</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr><tr><td>F</td><td>N110</td><td>18</td><td>YL</td><td>3518291C1</td></tr><tr><td>G</td><td>N123</td><td>18</td><td>PK</td><td>3518291C1</td></tr><tr><td>H</td><td>N125</td><td>18</td><td>LT GN</td><td>3518291C1</td></tr><tr><td>J</td><td>N113B</td><td>18</td><td>PK</td><td>3518291C1</td></tr><tr><td>K</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr><tr><td>L</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr><tr><td>M</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr><tr><td>N</td><td>N128E</td><td>18</td><td>YL</td><td>3518291C1</td></tr><tr><td>P</td><td>N113</td><td>18</td><td>PK</td><td>3518291C1</td></tr><tr><td>R</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr><tr><td>S</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr><tr><td>T</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr><tr><td>U</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr><tr><td>V</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr><tr><td>W</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr></tbody></table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	A	PLUG	-	-	3518314C1	B	PLUG	-	-	3518314C1	C	PLUG	-	-	3518314C1	D	PLUG	-	-	3518314C1	E	PLUG	-	-	3518314C1	F	N110	18	YL	3518291C1	G	N123	18	PK	3518291C1	H	N125	18	LT GN	3518291C1	J	N113B	18	PK	3518291C1	K	PLUG	-	-	3518314C1	L	PLUG	-	-	3518314C1	M	PLUG	-	-	3518314C1	N	N128E	18	YL	3518291C1	P	N113	18	PK	3518291C1	R	PLUG	-	-	3518314C1	S	PLUG	-	-	3518314C1	T	PLUG	-	-	3518314C1	U	PLUG	-	-	3518314C1	V	PLUG	-	-	3518314C1	W	PLUG	-	-	3518314C1			
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Figure 127 Connector Body Composites (523)

12.17. CONNECTOR BODY COMPOSITES (600, 674), P. 15A

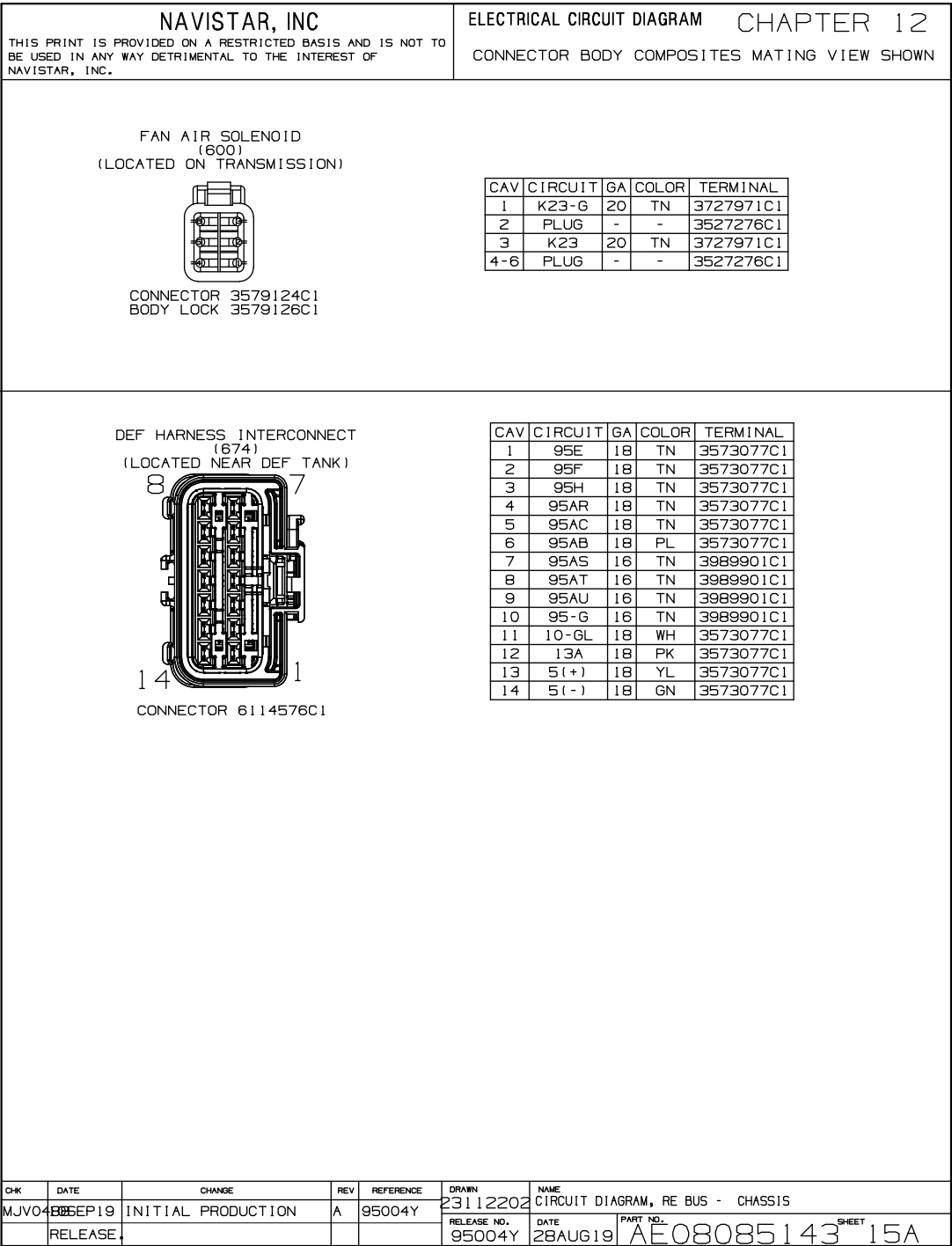


Figure 128 Connector Body Composites (600, 674)

12.18. CONNECTOR BODY COMPOSITES (674, 675, 676, 677, 678), P. 16

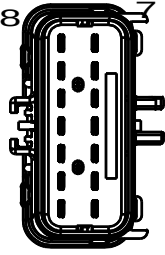
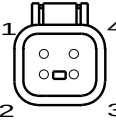
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SUCTION HEATER LINE (677) (LOCATED NEAR TO DEF TANK)																																																																																		
				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>95AU</td><td>16</td><td>TN</td><td>1680205C1</td></tr> <tr><td>2</td><td>95-GC</td><td>16</td><td>TN</td><td>1680205C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	1	95AU	16	TN	1680205C1	2	95-GC	16	TN	1680205C1																																																												
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																																														
1	95AU	16	TN	1680205C1																																																																														
2	95-GC	16	TN	1680205C1																																																																														
CONNECTOR 3854645C91																																																																																		
TANK SENSOR TEMP/LEVEL (678) (LOCATED NEAR TO DEF TANK)																																																																																		
				<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>5A(-)</td><td>18</td><td>GN</td><td>1680205C1</td></tr> <tr><td>2</td><td>5A(+)</td><td>18</td><td>YL</td><td>1680205C1</td></tr> <tr><td>3</td><td>10-GL</td><td>18</td><td>WH</td><td>1680205C1</td></tr> <tr><td>4</td><td>13A</td><td>18</td><td>PK</td><td>1680205C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	1	5A(-)	18	GN	1680205C1	2	5A(+)	18	YL	1680205C1	3	10-GL	18	WH	1680205C1	4	13A	18	PK	1680205C1																																																		
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																																														
1	5A(-)	18	GN	1680205C1																																																																														
2	5A(+)	18	YL	1680205C1																																																																														
3	10-GL	18	WH	1680205C1																																																																														
4	13A	18	PK	1680205C1																																																																														
CONNECTOR 3991593C1 BODY LOCK 3545579C1																																																																																		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																												
MJVO	03JUN17	INITIAL RELEASE.	A	93784R	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS																																																																												
					RELEASE NO.	DATE	PART NO.																																																																											
					93784R	27FEB17	AE08085143 016																																																																											

Figure 129 Connector Body Composites (674, 675, 676, 677, 678)

12.19. CONNECTOR BODY COMPOSITES (679), P. 17

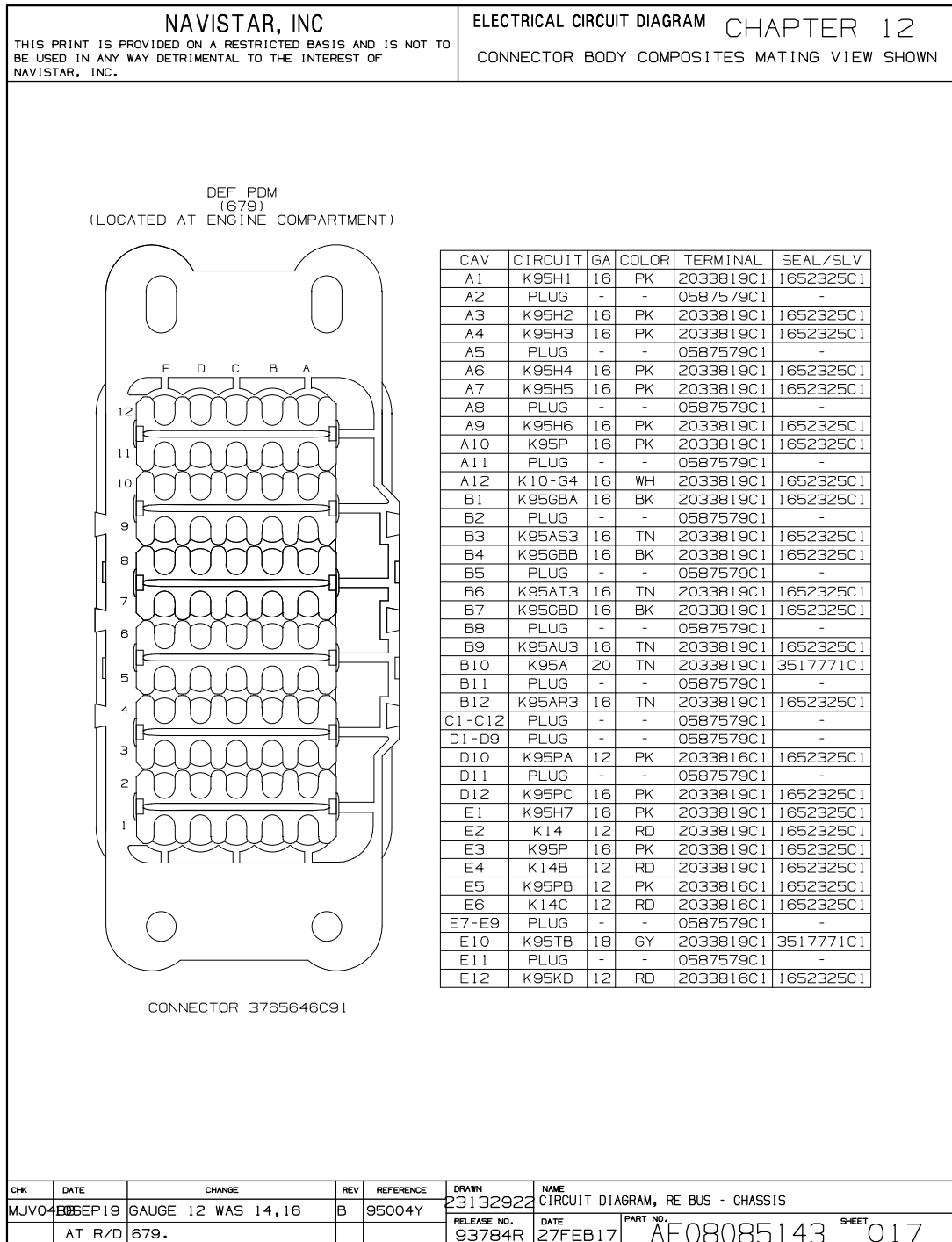


Figure 130 Connector Body Composites (679)

12.20. CONNECTOR BODY COMPOSITES (680, 681, 691, 898), P. 18

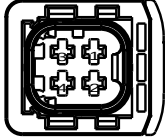
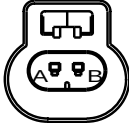
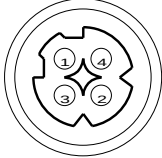
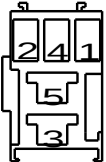
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 12																																													
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																															
DEF PUMP SUPPLY MODULE (680) (LOCATED NEAR TO DEF HARNESS INTERCONNECT)																																																			
			<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>1</td><td>95H</td><td>18</td><td>TN</td><td>3612255C1</td><td>3532128C1</td></tr><tr><td>2</td><td>95AR</td><td>18</td><td>TN</td><td>3612255C1</td><td>3532128C1</td></tr><tr><td>3</td><td>95F</td><td>18</td><td>TN</td><td>3612255C1</td><td>3532128C1</td></tr><tr><td>4</td><td>95E</td><td>18</td><td>TN</td><td>3612255C1</td><td>3532128C1</td></tr></tbody></table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	1	95H	18	TN	3612255C1	3532128C1	2	95AR	18	TN	3612255C1	3532128C1	3	95F	18	TN	3612255C1	3532128C1	4	95E	18	TN	3612255C1	3532128C1															
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																														
1	95H	18	TN	3612255C1	3532128C1																																														
2	95AR	18	TN	3612255C1	3532128C1																																														
3	95F	18	TN	3612255C1	3532128C1																																														
4	95E	18	TN	3612255C1	3532128C1																																														
CONNECTOR 3993814C1																																																			
TERMINATING RESISTOR (681) (LOCATED NEAR TO DEF HARNESS INTERCONNECT)																																																			
			<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>5B(-)</td><td>18</td><td>GN</td><td>3683464C1</td><td>3535424C1</td></tr><tr><td>B</td><td>5B(+)</td><td>18</td><td>YL</td><td>3683464C1</td><td>3535424C1</td></tr></tbody></table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	5B(-)	18	GN	3683464C1	3535424C1	B	5B(+)	18	YL	3683464C1	3535424C1																											
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																														
A	5B(-)	18	GN	3683464C1	3535424C1																																														
B	5B(+)	18	YL	3683464C1	3535424C1																																														
CONNECTOR 3683465C1 BODY LOCK 3683466C1																																																			
COOLANT CONTROL VALVE (691) (LOCATED NEAR TO DEF HARNESS INTERCONNECT)																																																			
			<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>1</td><td>95AC</td><td>18</td><td>TN</td><td>3601686C1</td><td>3733609C1</td></tr><tr><td>2-3</td><td>PLUG</td><td>-</td><td>-</td><td>3532129C1</td><td>-</td></tr><tr><td>4</td><td>95AB</td><td>18</td><td>PL</td><td>3601686C1</td><td>3733609C1</td></tr></tbody></table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	1	95AC	18	TN	3601686C1	3733609C1	2-3	PLUG	-	-	3532129C1	-	4	95AB	18	PL	3601686C1	3733609C1																					
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																														
1	95AC	18	TN	3601686C1	3733609C1																																														
2-3	PLUG	-	-	3532129C1	-																																														
4	95AB	18	PL	3601686C1	3733609C1																																														
CONNECTOR 3714731C1																																																			
HEADLIGHT (898) (LOCATED ON FRONT SIDE OF BUMPER)																																																			
			<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></tr></thead><tbody><tr><td>1</td><td>A51AD</td><td>16</td><td>YL</td><td>2025418C1</td></tr><tr><td>2%</td><td>A50B-G</td><td>18</td><td>WH</td><td>3519441C1</td></tr><tr><td>2%</td><td>A50A-G</td><td>16</td><td>WH</td><td>3519441C1</td></tr><tr><td>3</td><td>A51AA</td><td>12</td><td>YL</td><td>2022374C1</td></tr><tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>5*</td><td>A51AB</td><td>14</td><td>YL</td><td>2022374C1</td></tr><tr><td>5*</td><td>A51G</td><td>14</td><td>YL</td><td>2022374C1</td></tr><tr><td>5#</td><td>A51AB</td><td>14</td><td>YL</td><td>2018946C1</td></tr></tbody></table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	1	A51AD	16	YL	2025418C1	2%	A50B-G	18	WH	3519441C1	2%	A50A-G	16	WH	3519441C1	3	A51AA	12	YL	2022374C1	4	-	-	-	-	5*	A51AB	14	YL	2022374C1	5*	A51G	14	YL	2022374C1	5#	A51AB	14	YL	2018946C1
CAV	CIRCUIT	GA	COLOR	TERMINAL																																															
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2%	A50A-G	16	WH	3519441C1																																															
3	A51AA	12	YL	2022374C1																																															
4	-	-	-	-																																															
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5#	A51AB	14	YL	2018946C1																																															
CONNECTOR 2028683C1 BODY LOCK 2028684C1																																																			
* W/HEADLIGHT WARNING BUZZER & W/HEADLIGHT ALWAYS ON # N/HEADLIGHT WARNING BUZZER & W/HEADLIGHT ALWAYS ON % N/HEADLIGHT WARNING BUZZER & N/HEADLIGHT ALWAYS ON																																																			
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																													
MJVO	03JUN17	INITIAL RELEASE.	A	93784R	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS																																													
					RELEASE NO.	DATE																																													
					93784R	27FEB17																																													
					PART NO.	SHEET																																													
					AE08085143	018																																													

Figure 131 Connector Body Composites (680, 681, 691, 898)

12.21. CONNECTOR BODY COMPOSITES (899, 922, 922A, 925), P. 19

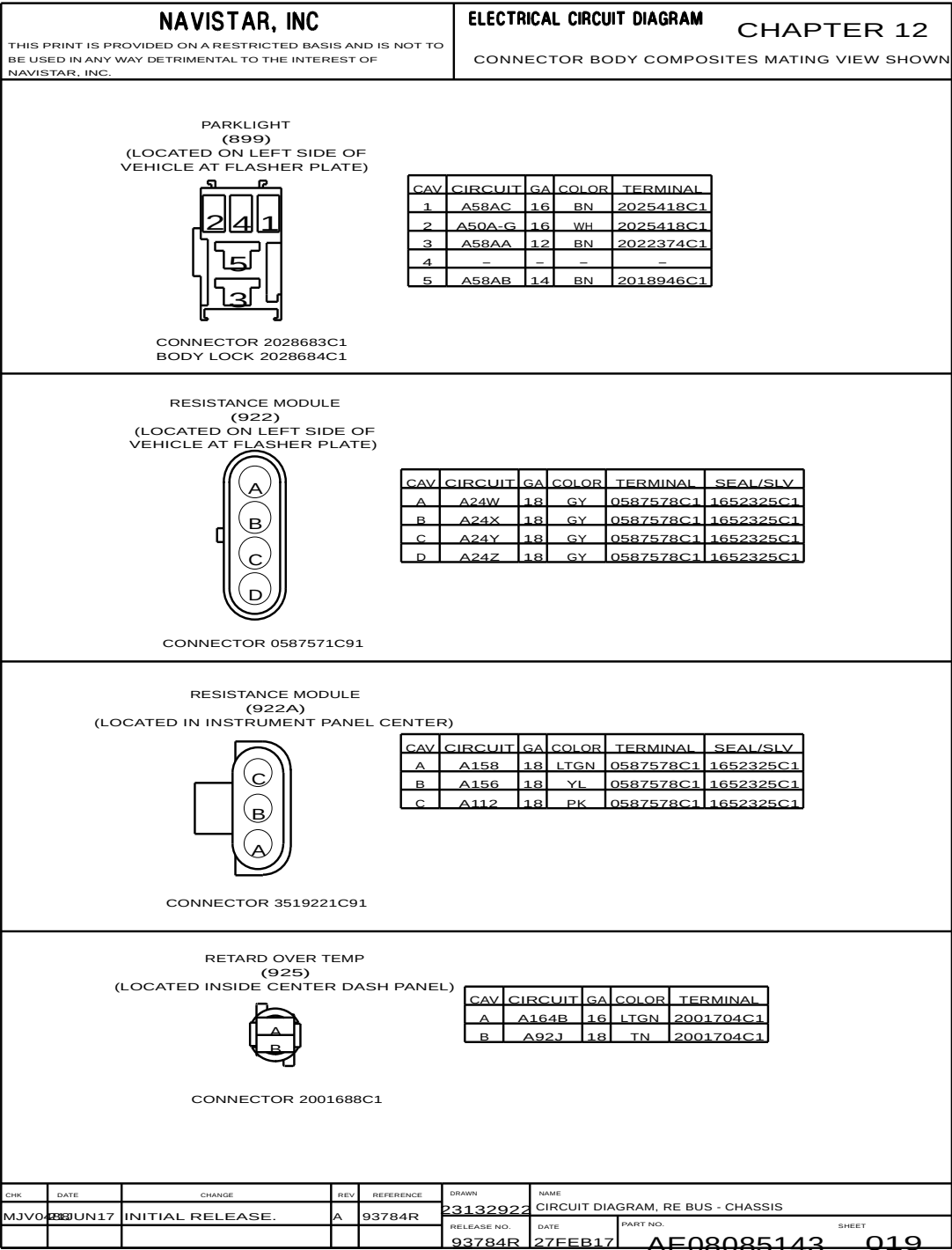


Figure 132 Connector Body Composites (899, 922, 922A, 925)

12.22. CONNECTOR BODY COMPOSITES (926, 992, 995, 996M), P. 20

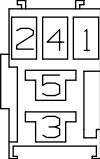
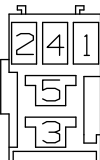
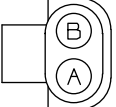
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																															
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RETARD ON (926) (LOCATED INSIDE CENTER DASH PANEL)  CONNECTOR 2001688C1 <table border="1" style="font-size: 0.8em; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A92K</td> <td>16</td> <td>GY</td> <td>2001704C1</td> </tr> <tr> <td>B</td> <td>A92-GA</td> <td>16</td> <td>WH</td> <td>2001704C1</td> </tr> </tbody> </table>							CAV	CIRCUIT	GA	COLOR	TERMINAL	A	A92K	16	GY	2001704C1	B	A92-GA	16	WH	2001704C1															
CAV	CIRCUIT	GA	COLOR	TERMINAL																																
A	A92K	16	GY	2001704C1																																
B	A92-GA	16	WH	2001704C1																																
PARK BRAKE WARNING (992) (LOCATED NEAR FUSE BLOCK IN INSTRUMENT PANEL)  CONNECTOR 2028683C1 BODY LOCK 2028684C1 <table border="1" style="font-size: 0.8em; border-collapse: collapse;"> <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>A79P</td> <td>16</td> <td>GY</td> <td>2025418C1</td> </tr> <tr> <td>2</td> <td>A79X-G</td> <td>14</td> <td>WH</td> <td>2025419C1</td> </tr> <tr> <td>3</td> <td>A79M</td> <td>14</td> <td>GY</td> <td>1661709C1</td> </tr> <tr> <td>4</td> <td>A79Y</td> <td>14</td> <td>PK</td> <td>2025419C1</td> </tr> <tr> <td>5</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>							CAV	CIRCUIT	GA	COLOR	TERMINAL	1	A79P	16	GY	2025418C1	2	A79X-G	14	WH	2025419C1	3	A79M	14	GY	1661709C1	4	A79Y	14	PK	2025419C1	5	-	-	-	-
CAV	CIRCUIT	GA	COLOR	TERMINAL																																
1	A79P	16	GY	2025418C1																																
2	A79X-G	14	WH	2025419C1																																
3	A79M	14	GY	1661709C1																																
4	A79Y	14	PK	2025419C1																																
5	-	-	-	-																																
BUZZER PARK WARN (995) (LOCATED NEAR FUSE BLOCK IN INSTRUMENT PANEL)  CONNECTOR 2028683C1 BODY LOCK 2028684C1 <table border="1" style="font-size: 0.8em; border-collapse: collapse;"> <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>A79ZZ</td> <td>16</td> <td>RD</td> <td>2025418C1</td> </tr> <tr> <td>2</td> <td>A44U</td> <td>16</td> <td>GY</td> <td>2025418C1</td> </tr> <tr> <td>3</td> <td>A79R</td> <td>16</td> <td>GY</td> <td>1661709C1</td> </tr> <tr> <td>4</td> <td>A79V</td> <td>16</td> <td>GY</td> <td>2025418C1</td> </tr> <tr> <td>5</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>							CAV	CIRCUIT	GA	COLOR	TERMINAL	1	A79ZZ	16	RD	2025418C1	2	A44U	16	GY	2025418C1	3	A79R	16	GY	1661709C1	4	A79V	16	GY	2025418C1	5	-	-	-	-
CAV	CIRCUIT	GA	COLOR	TERMINAL																																
1	A79ZZ	16	RD	2025418C1																																
2	A44U	16	GY	2025418C1																																
3	A79R	16	GY	1661709C1																																
4	A79V	16	GY	2025418C1																																
5	-	-	-	-																																
INTERLOCK SOLENOID (996M) (LOCATED AT CENTER ENGINE COMPARTMENT)  CONNECTOR 0587568C91 <table border="1" style="font-size: 0.8em; 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>A44P</td> <td>16</td> <td>GY</td> <td>0587575C1</td> <td>1652325C1</td> </tr> <tr> <td>B*</td> <td>A44PG</td> <td>16</td> <td>WH</td> <td>0587575C1</td> <td>1652325C1</td> </tr> <tr> <td>B#</td> <td>A122W</td> <td>16</td> <td>GY</td> <td>0587575C1</td> <td>1652325C1</td> </tr> </tbody> </table> * W/INTERLOCK N/ WHEELCHAIR LIFT # W/INTERLOCK WHEELCHAIR LIFT							CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	A44P	16	GY	0587575C1	1652325C1	B*	A44PG	16	WH	0587575C1	1652325C1	B#	A122W	16	GY	0587575C1	1652325C1						
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																															
A	A44P	16	GY	0587575C1	1652325C1																															
B*	A44PG	16	WH	0587575C1	1652325C1																															
B#	A122W	16	GY	0587575C1	1652325C1																															
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																														
MJVO	SEP19	CIRC A92K WAS A92H	B	95004Y	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS																														
					RELEASE NO.	DATE																														
					93784R	27FEB17																														
					PART NO.	SHEET																														
					AE08085143	020																														

Figure 133 Connector Body Composites (926, 992, 995, 996M)

12.23. CONNECTOR BODY COMPOSITES (997, 998, 1003, 1004), P. 21

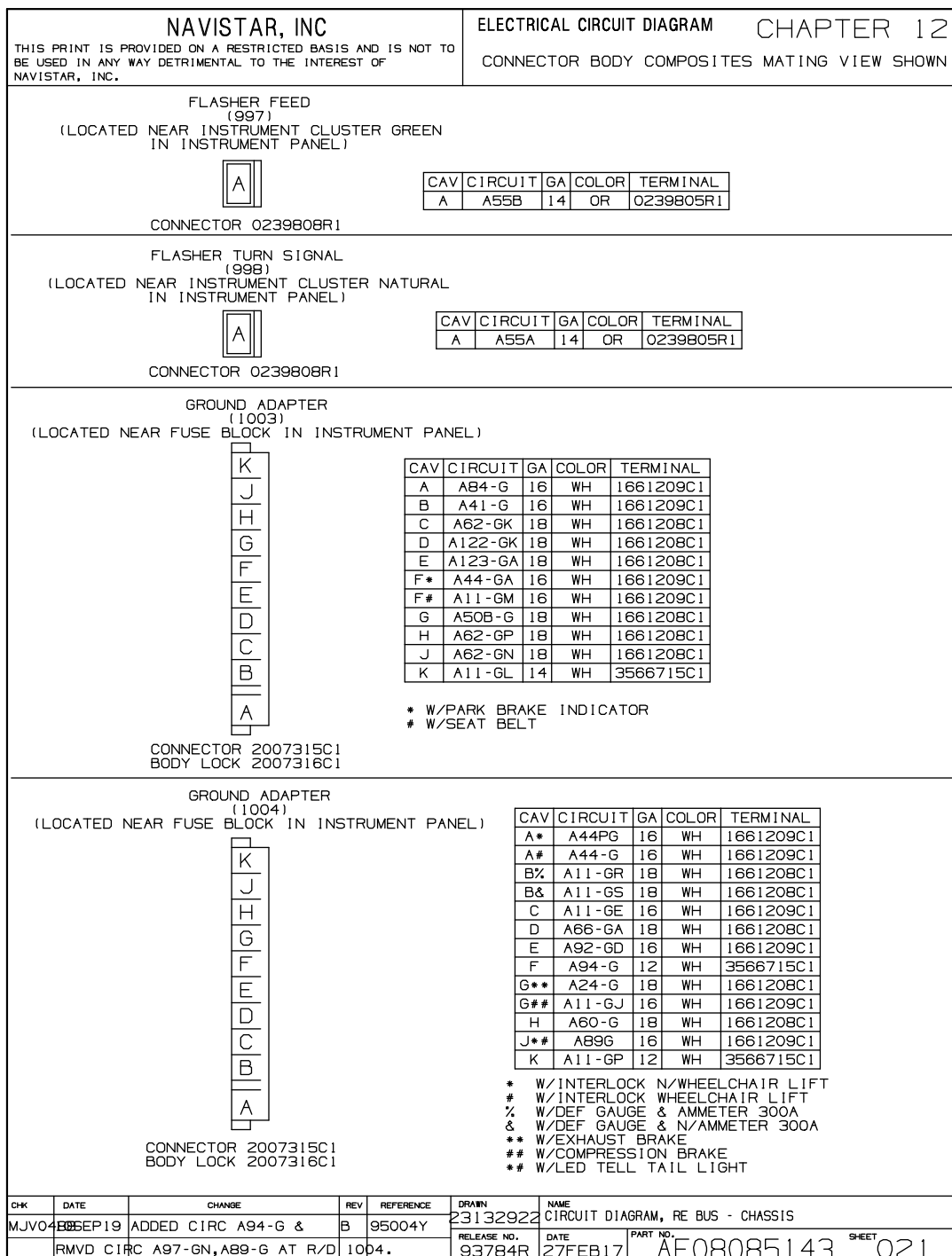


Figure 134 Connector Body Composites (997, 998, 1003, 1004)

12.24. CONNECTOR BODY COMPOSITES (1008, 1030), P. 22

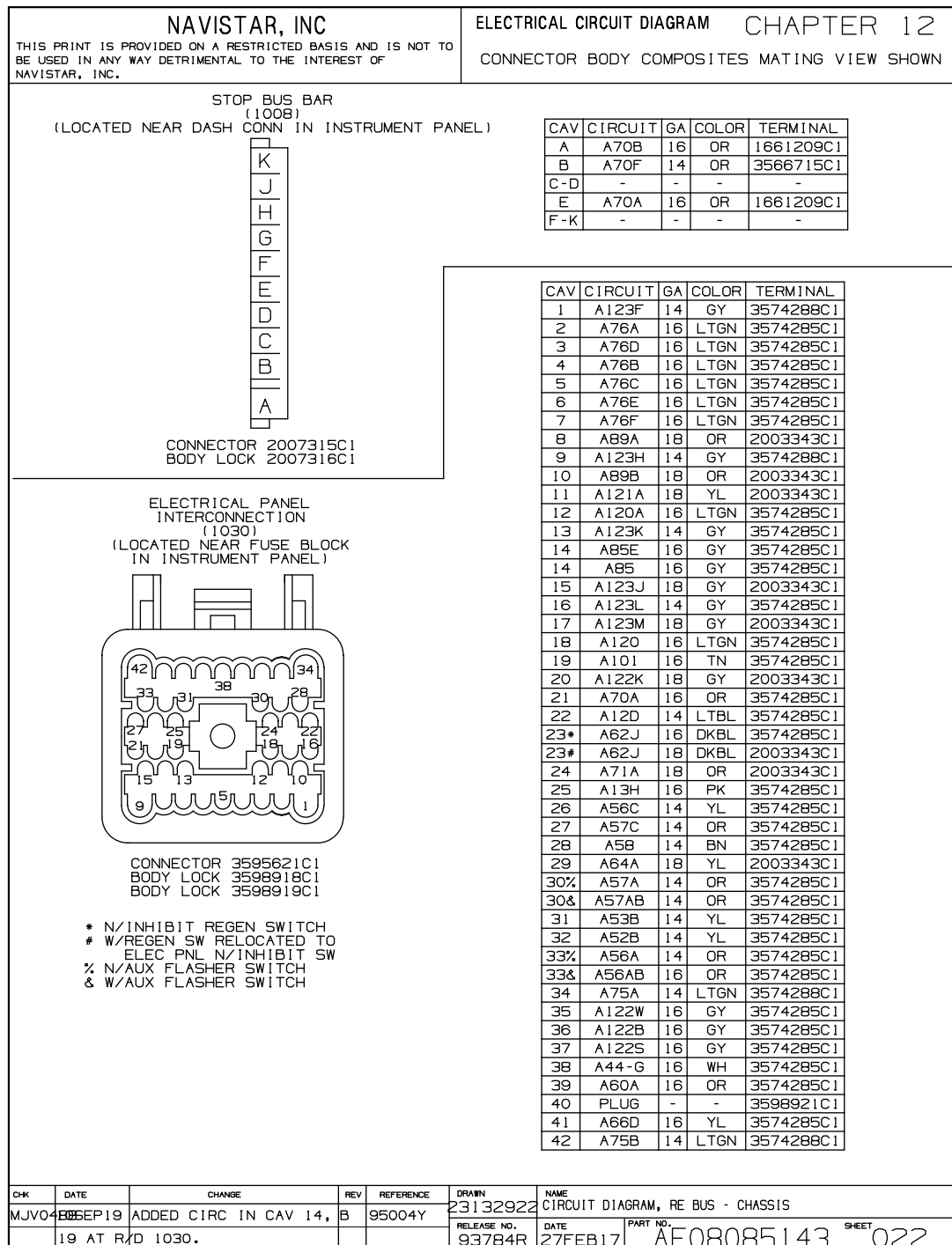


Figure 135 Connector Body Composites (1008, 1030)

12.25. CONNECTOR BODY COMPOSITES (1030), P. 23

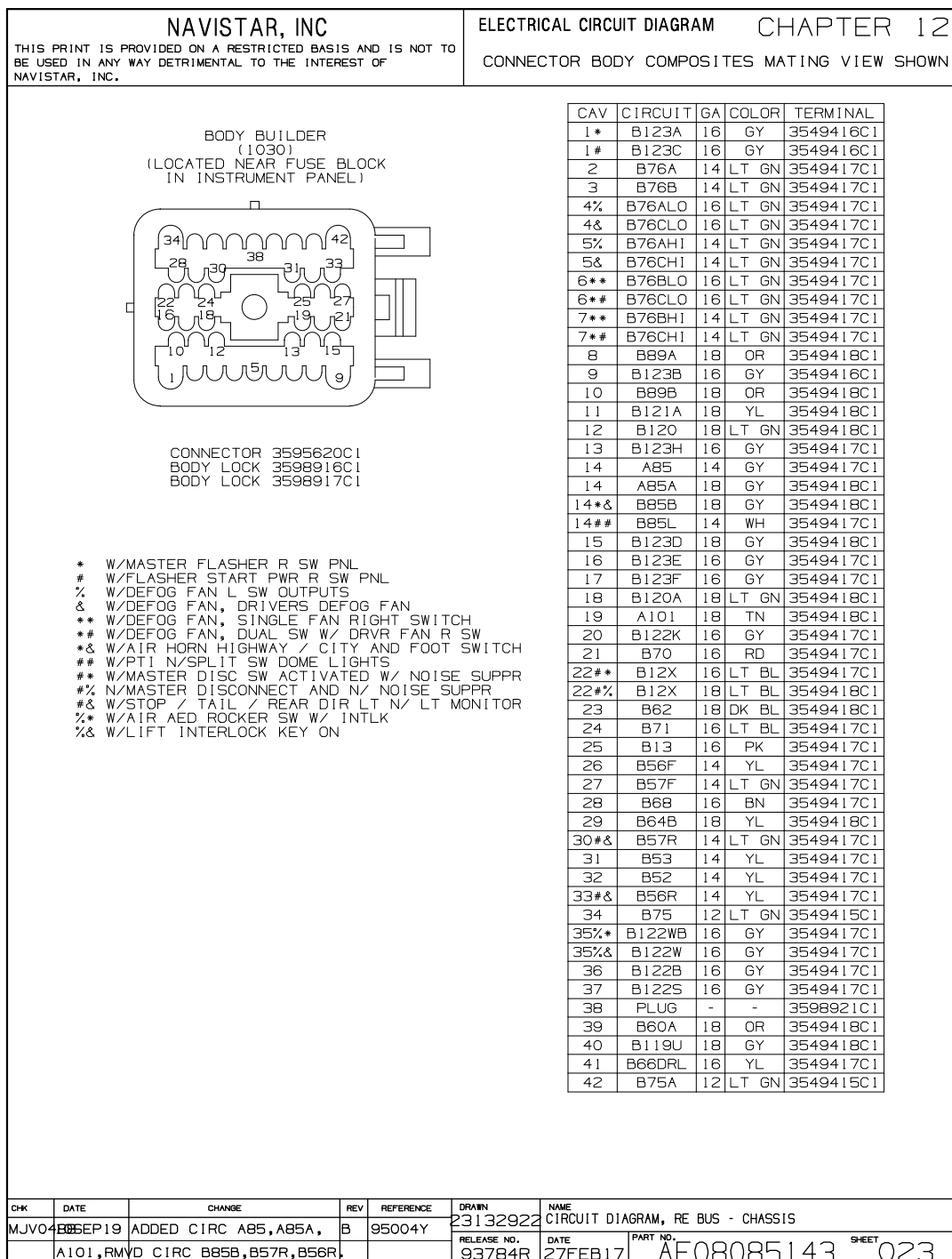


Figure 136 Connector Body Composites (1030)

12.26. CONNECTOR BODY COMPOSITES (1030P, 1031, 1032), P. 24

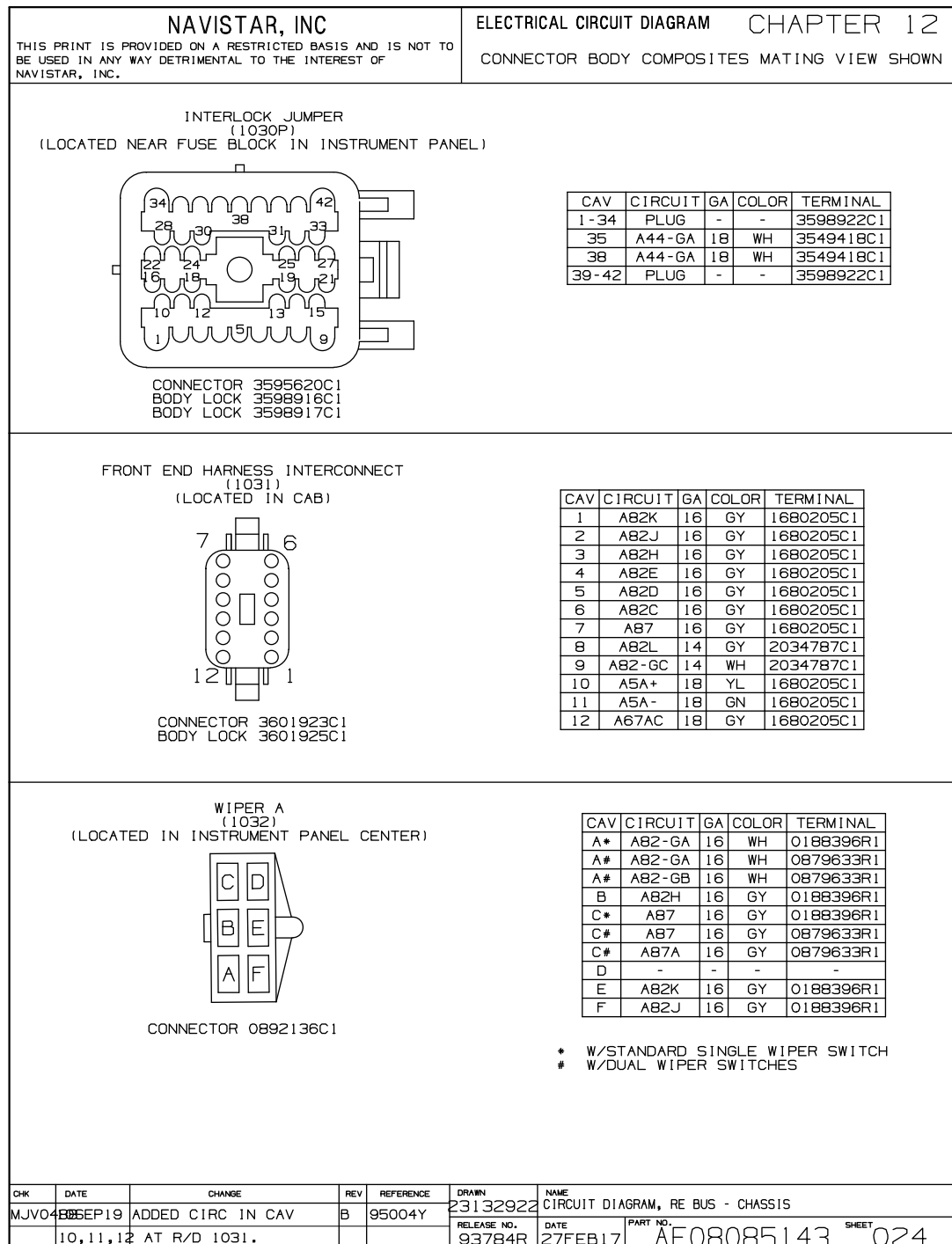


Figure 137 Connector Body Composites (1030P, 1031, 1032)

12.27. CONNECTOR BODY COMPOSITES (1033, 1034, 1036, 1037), P. 25

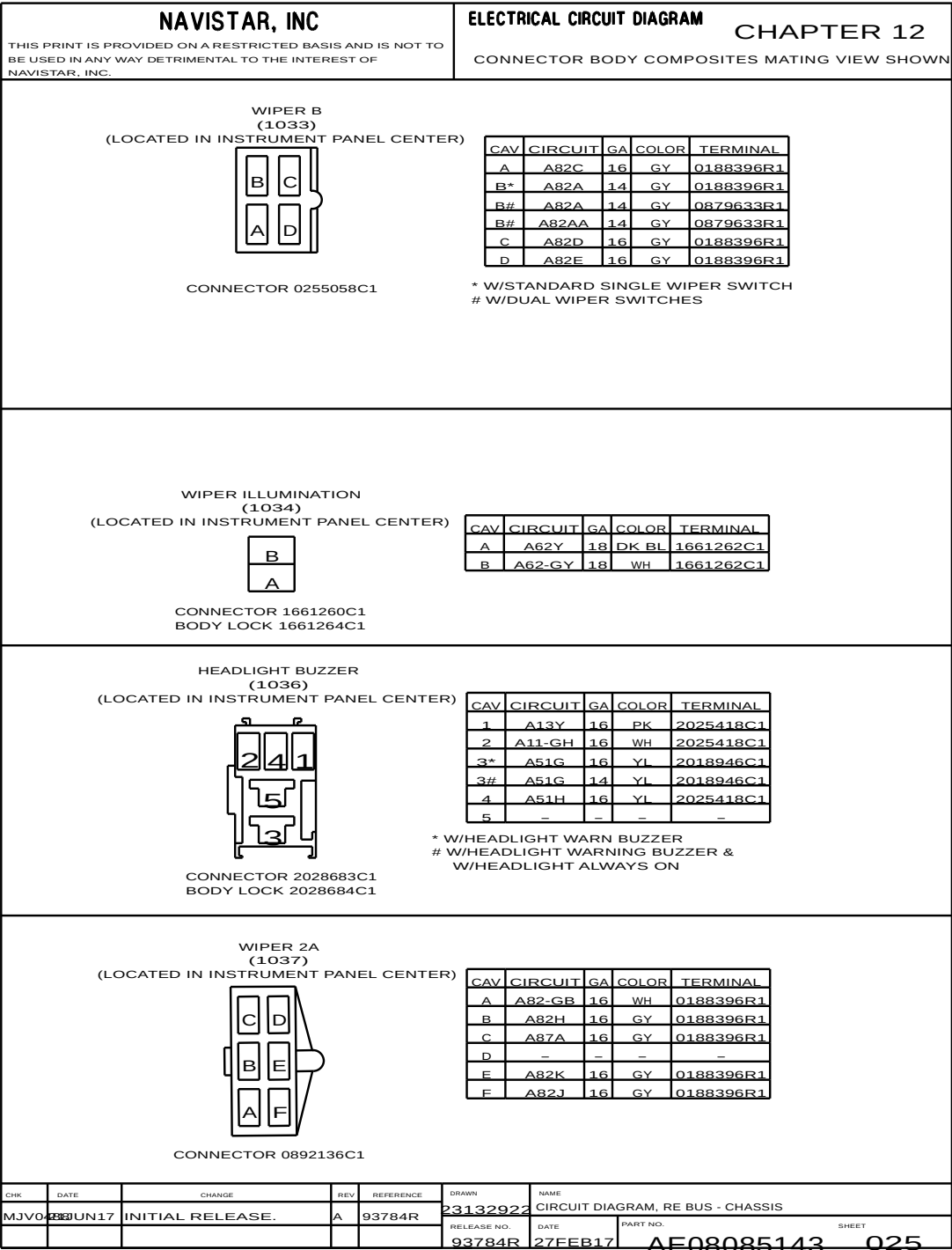


Figure 138 Connector Body Composites (1033, 1034, 1036, 1037)

12.28. CONNECTOR BODY COMPOSITES (1038, 1040, 1041), P. 26

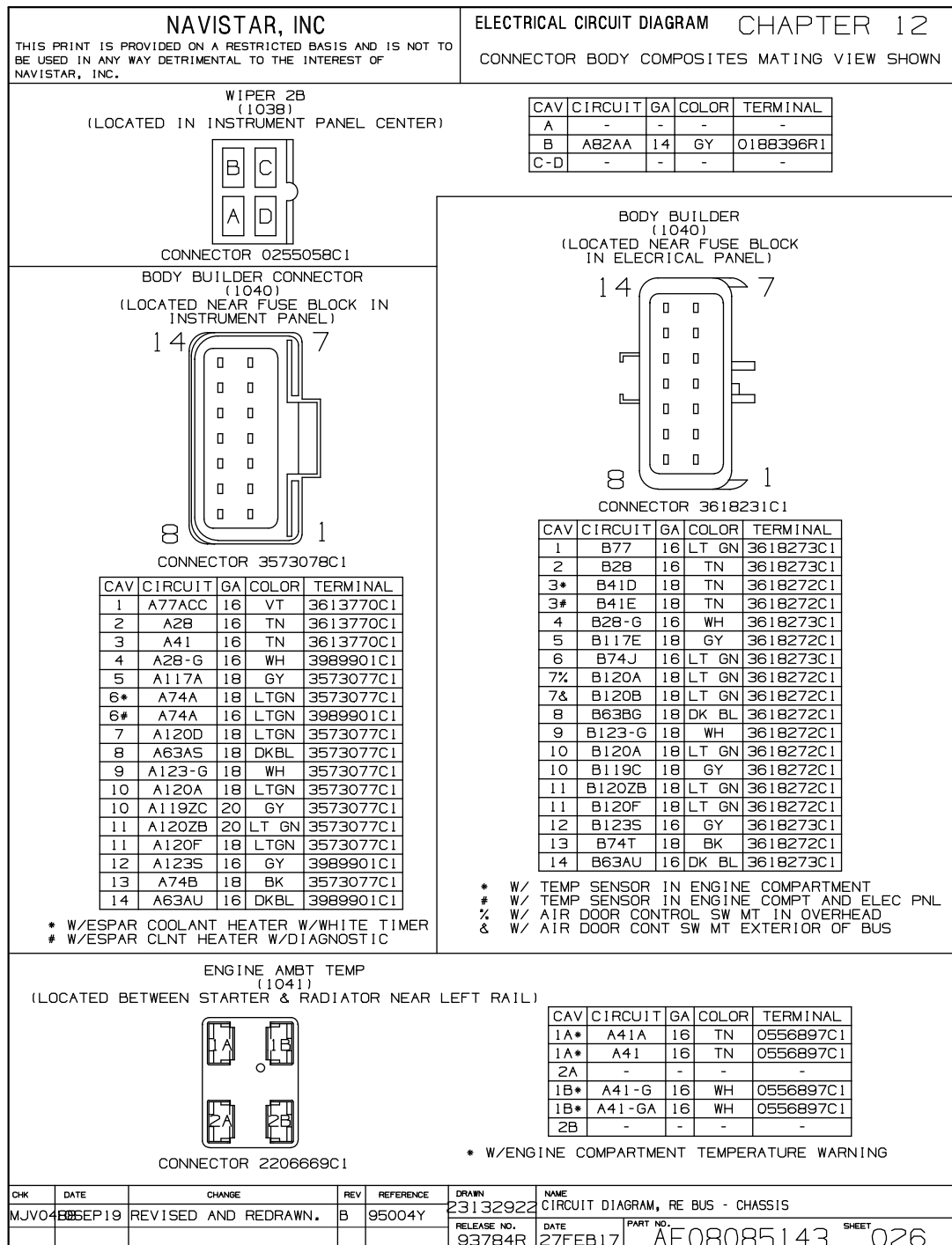


Figure 139 Connector Body Composites (1038, 1040, 1041)

12.29. CONNECTOR BODY COMPOSITES (1042A, 1042B, 1043A, 1050), P. 27

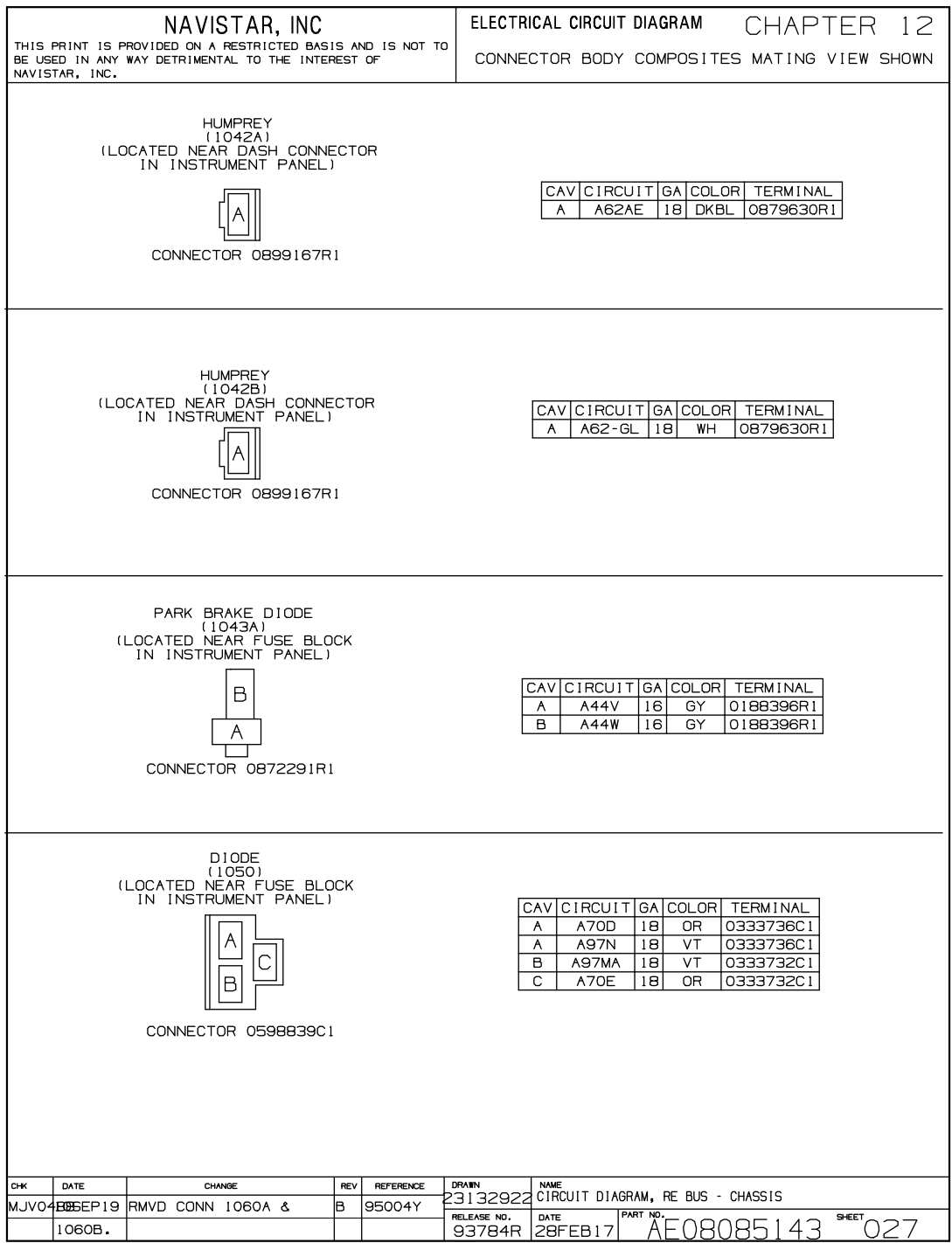


Figure 140 Connector Body Composites (1042A, 1042B, 1043A, 1050)

12.30. CONNECTOR BODY COMPOSITES (1062, 1063, 1065), P. 28

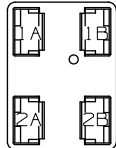
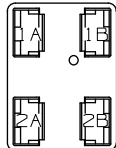
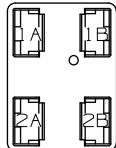
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 12																										
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ENGINE COMP LIGHT (1062) (LOCATED NEAR INSTR CLUSTER NATURAL IN INSTRUMENT PANEL)  CONNECTOR Z206669C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1A</td><td>A121A</td><td>1B</td><td>YL</td><td>1661224C1</td></tr><tr><td>2A</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>1B</td><td>A121-GA</td><td>1B</td><td>WH</td><td>1661224C1</td></tr><tr><td>2B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>									CAV	CIRCUIT	GA	COLOR	TERMINAL	1A	A121A	1B	YL	1661224C1	2A	-	-	-	-	1B	A121-GA	1B	WH	1661224C1	2B	-	-	-	-
CAV	CIRCUIT	GA	COLOR	TERMINAL																													
1A	A121A	1B	YL	1661224C1																													
2A	-	-	-	-																													
1B	A121-GA	1B	WH	1661224C1																													
2B	-	-	-	-																													
LIFT LIGHT (1063) (LOCATED NEAR INSTR CLUSTER NATURAL IN INSTRUMENT PANEL)  CONNECTOR Z206669C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1A</td><td>A122K</td><td>1B</td><td>GY</td><td>1661224C1</td></tr><tr><td>2A</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>1B</td><td>A122-GK</td><td>1B</td><td>WH</td><td>1661224C1</td></tr><tr><td>2B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>									CAV	CIRCUIT	GA	COLOR	TERMINAL	1A	A122K	1B	GY	1661224C1	2A	-	-	-	-	1B	A122-GK	1B	WH	1661224C1	2B	-	-	-	-
CAV	CIRCUIT	GA	COLOR	TERMINAL																													
1A	A122K	1B	GY	1661224C1																													
2A	-	-	-	-																													
1B	A122-GK	1B	WH	1661224C1																													
2B	-	-	-	-																													
LIFT LIGHT (1065) (LOCATED NEAR INSTR CLUSTER NATURAL IN INSTRUMENT PANEL)  CONNECTOR Z206669C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1A</td><td>A117B</td><td>1B</td><td>GY</td><td>1661224C1</td></tr><tr><td>2A</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>1B</td><td>A117A</td><td>1B</td><td>GY</td><td>1661224C1</td></tr><tr><td>2B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>									CAV	CIRCUIT	GA	COLOR	TERMINAL	1A	A117B	1B	GY	1661224C1	2A	-	-	-	-	1B	A117A	1B	GY	1661224C1	2B	-	-	-	-
CAV	CIRCUIT	GA	COLOR	TERMINAL																													
1A	A117B	1B	GY	1661224C1																													
2A	-	-	-	-																													
1B	A117A	1B	GY	1661224C1																													
2B	-	-	-	-																													
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																											
MJVO	88SEP19	ADDED R/D 1062, 1063,	B	95004Y	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS																											
	& 1065.				RELEASE NO. 93784R	DATE 28FEB17	PART NO. AE08085143	SHEET 028																									

Figure 141 Connector Body Composites (1062, 1063, 1065)

12.31. CONNECTOR BODY COMPOSITES (1100, 1111A, 1111M, 1135, 1136), P. 29

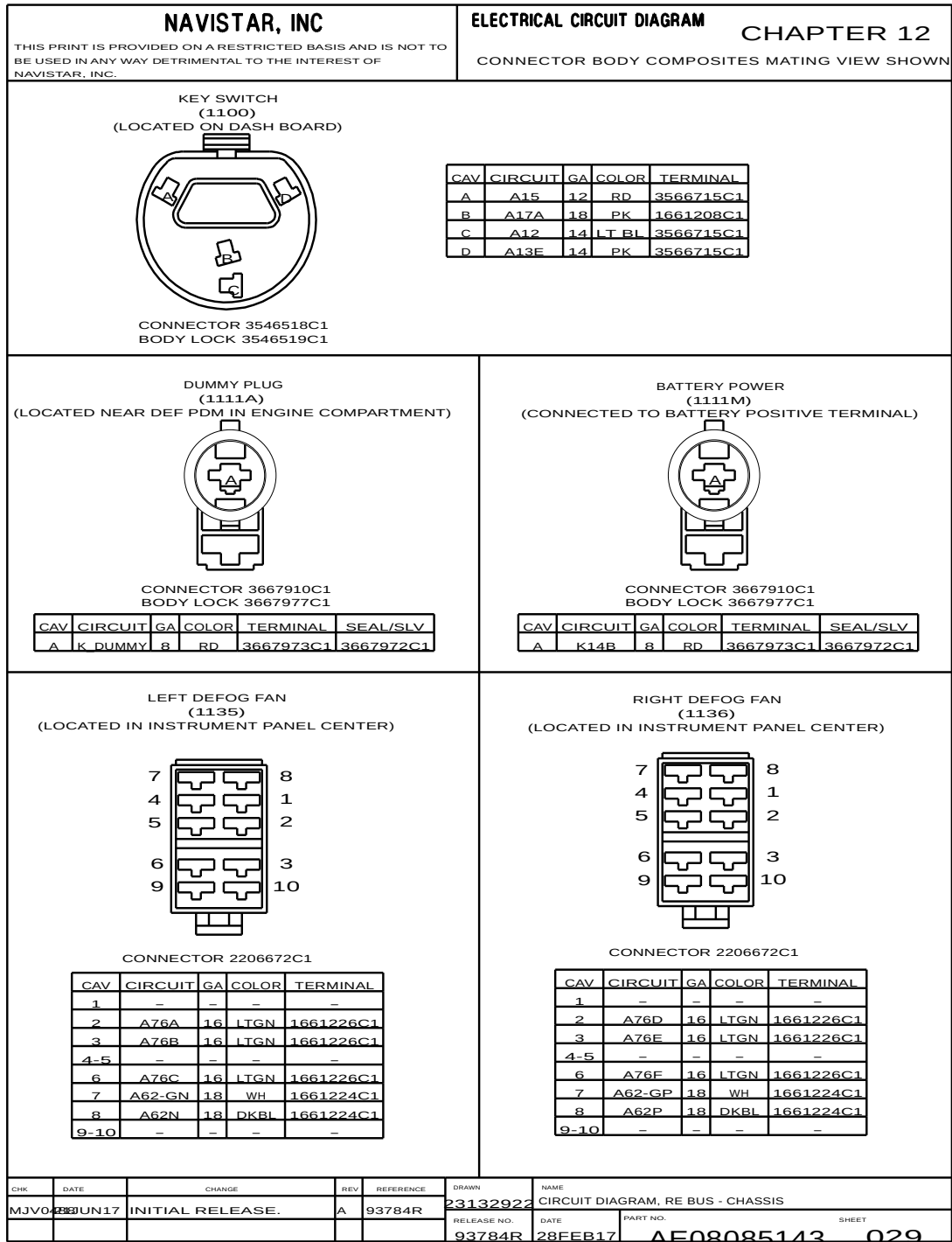


Figure 142 Connector Body Composites (1100, 1111A, 1111M, 1135, 1136)

12.32. CONNECTOR BODY COMPOSITES (1137, 1138, 1139, 1139A, 1139B), P. 30

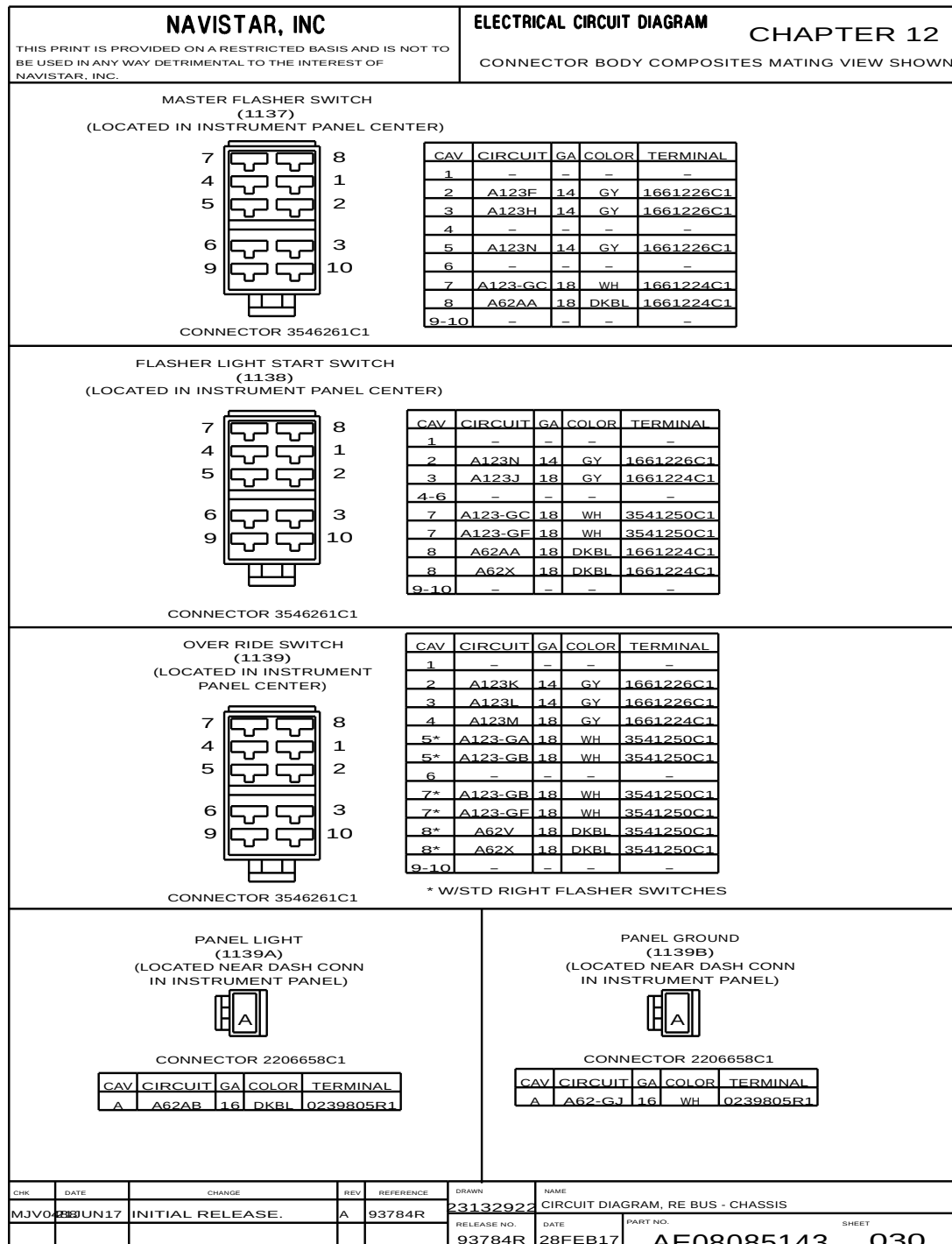


Figure 143 Connector Body Composites (1137, 1138, 1139, 1139A, 1139B)

12.33. CONNECTOR BODY COMPOSITES (1141, 1142, 1143A, 1143B), P. 31

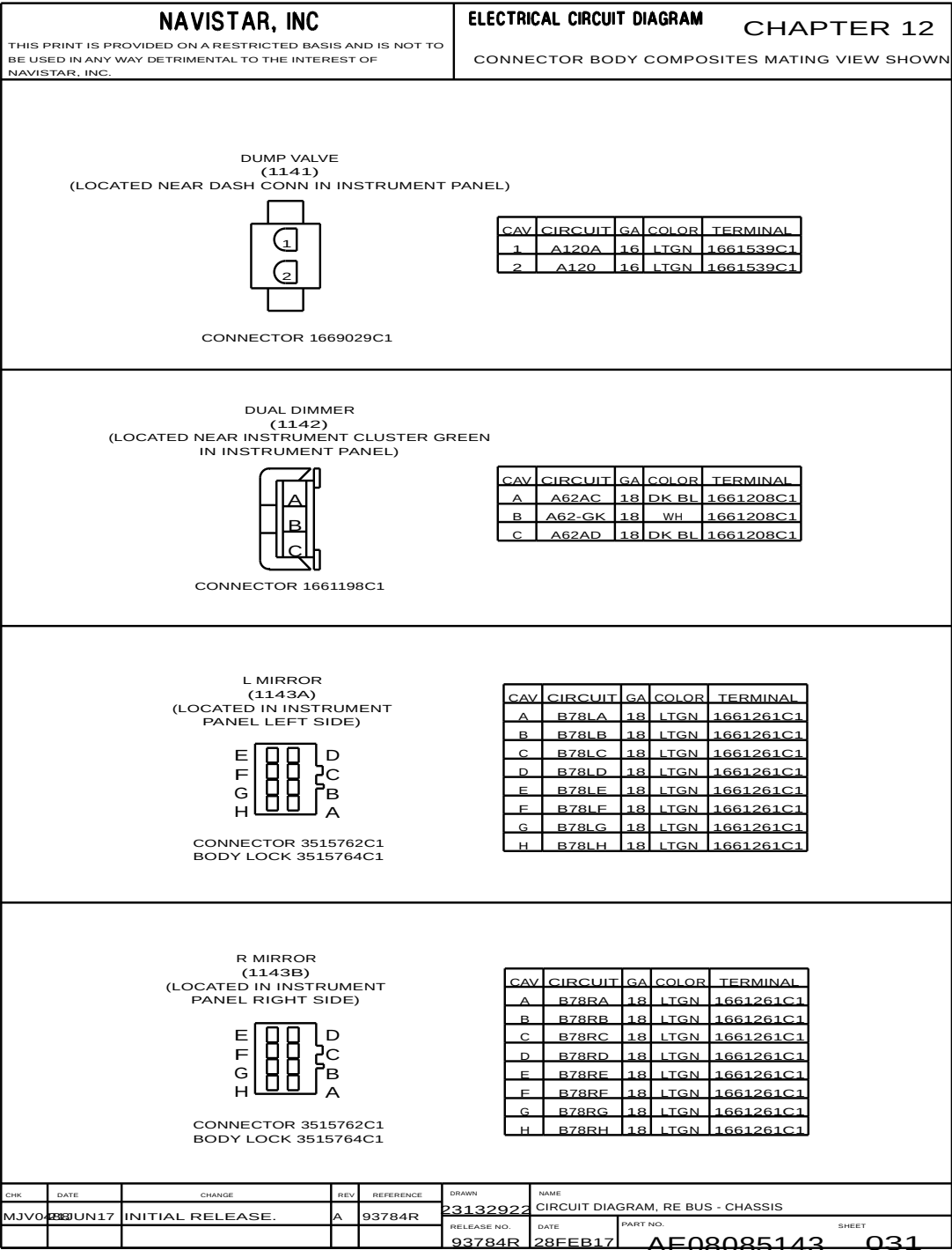


Figure 144 Connector Body Composites (1141, 1142, 1143A, 1143B)

12.34. CONNECTOR BODY COMPOSITES (1149, 1150, 1150B), P. 32

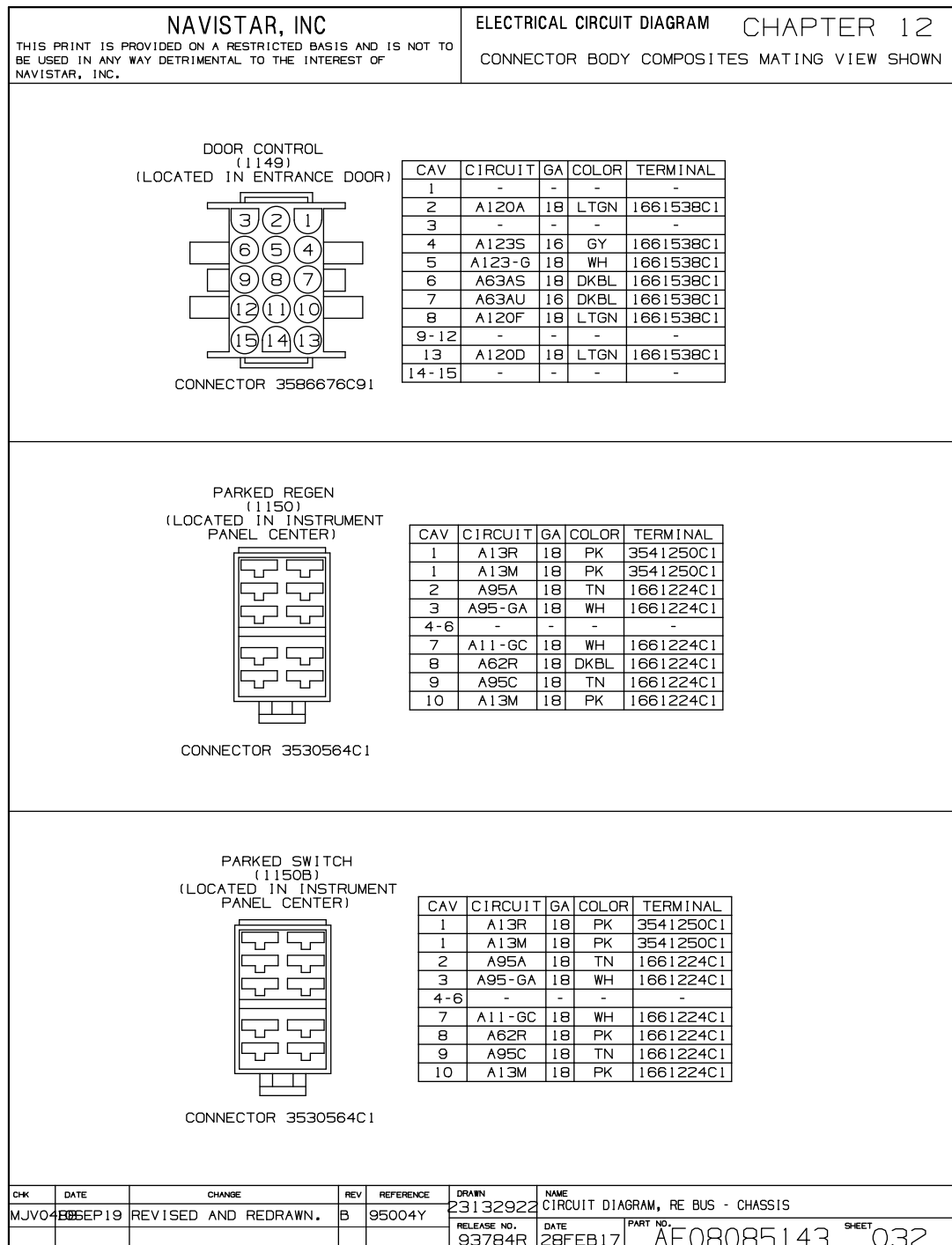


Figure 145 Connector Body Composites (1149, 1150, 1150B)

12.35. CONNECTOR BODY COMPOSITES (1151, 1151A, 1153, 1205), P. 33

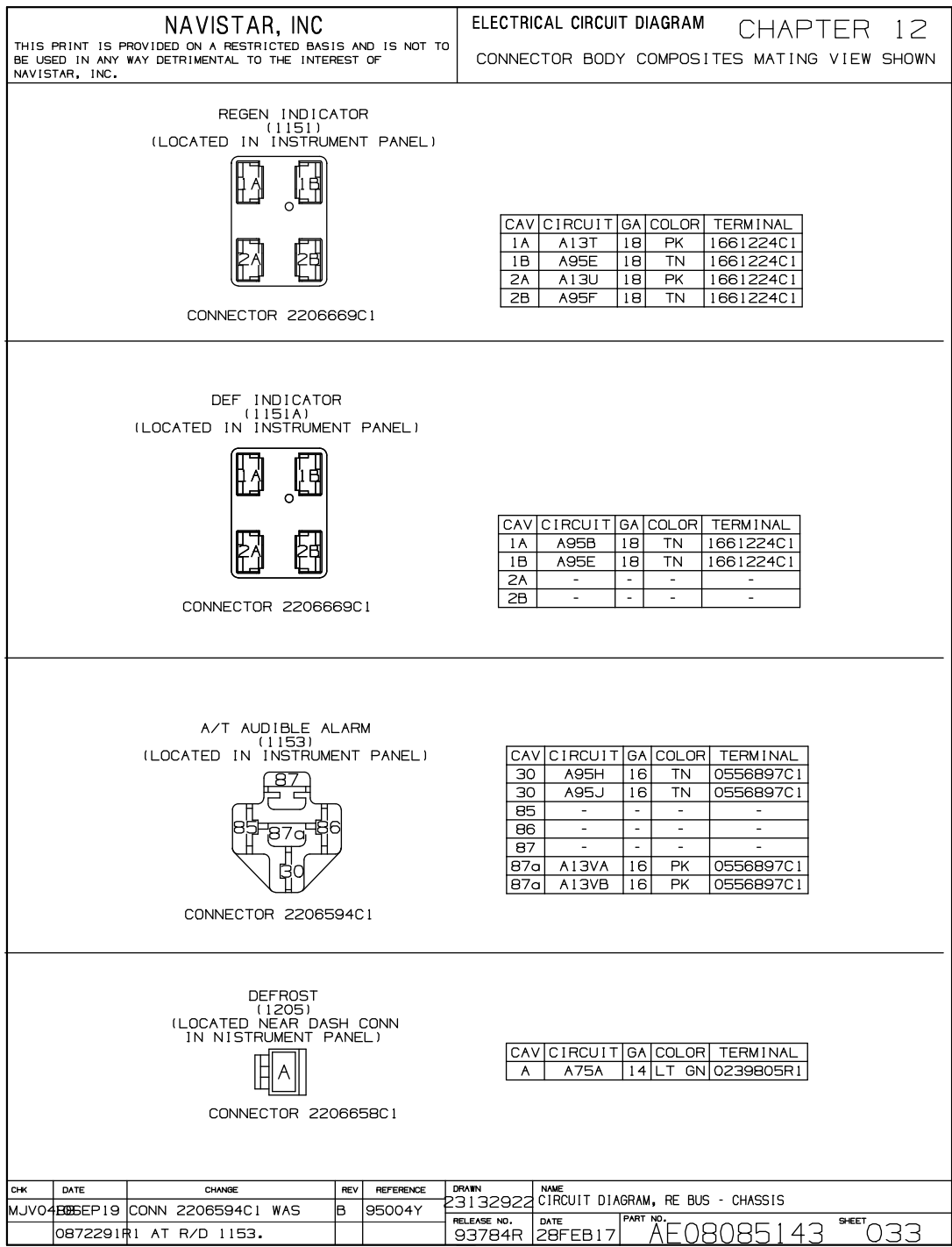


Figure 146 Connector Body Composites (1151, 1151A, 1153, 1205)

12.36. CONNECTOR BODY COMPOSITES (1206, 1272, 1600), P. 34

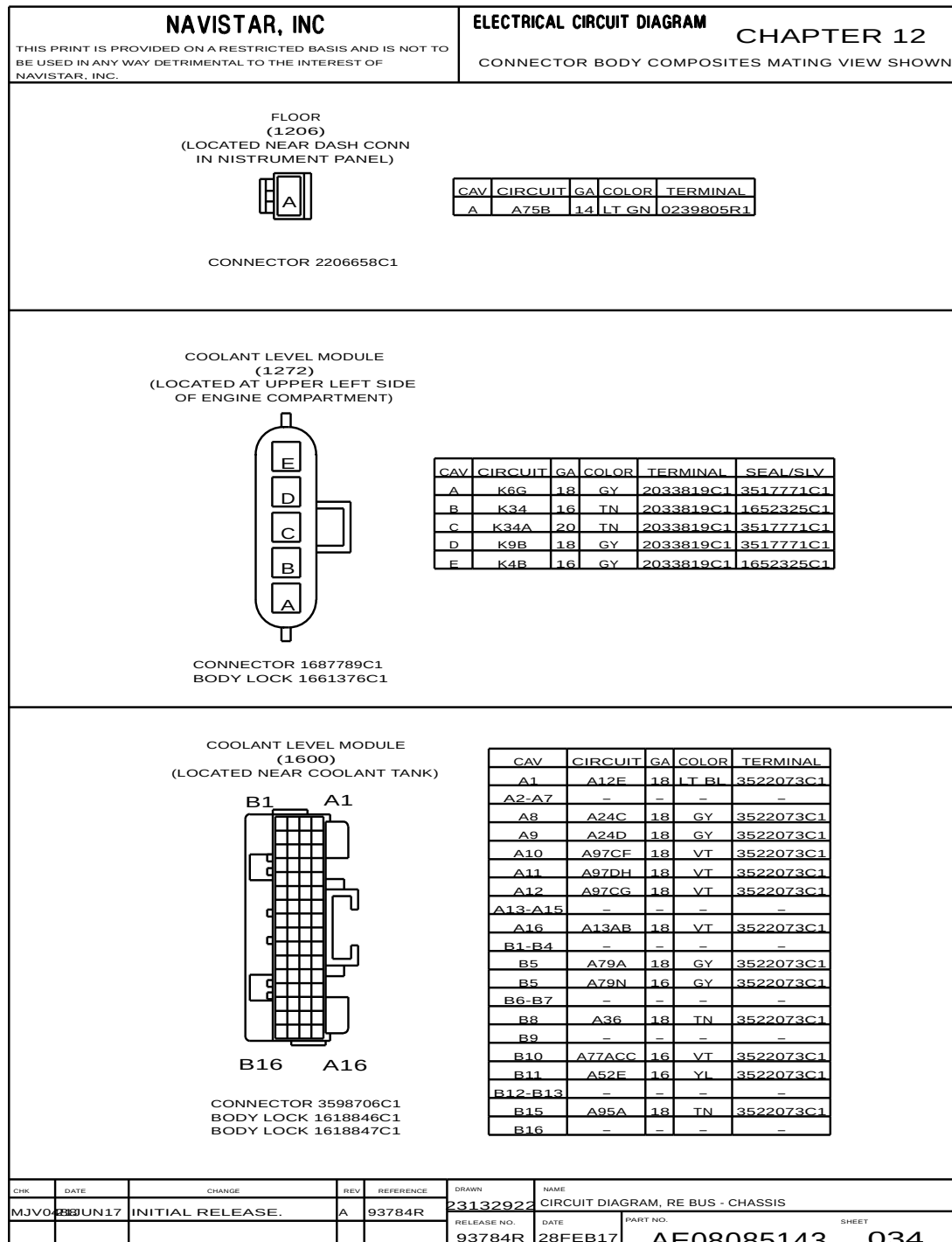


Figure 147 Connector Body Composites (1206, 1272, 1600)

12.37. CONNECTOR BODY COMPOSITES (1601, 1602), P. 35

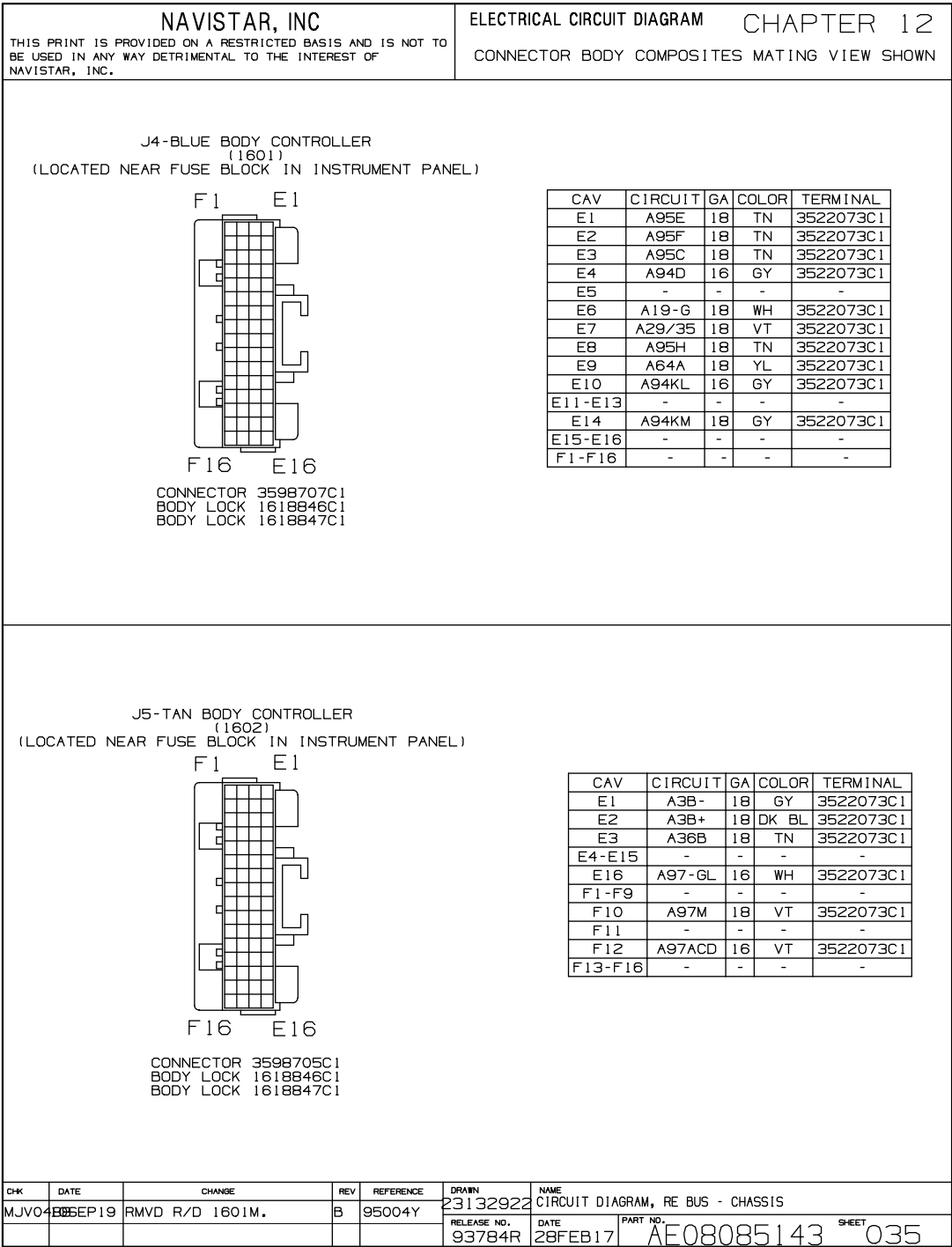
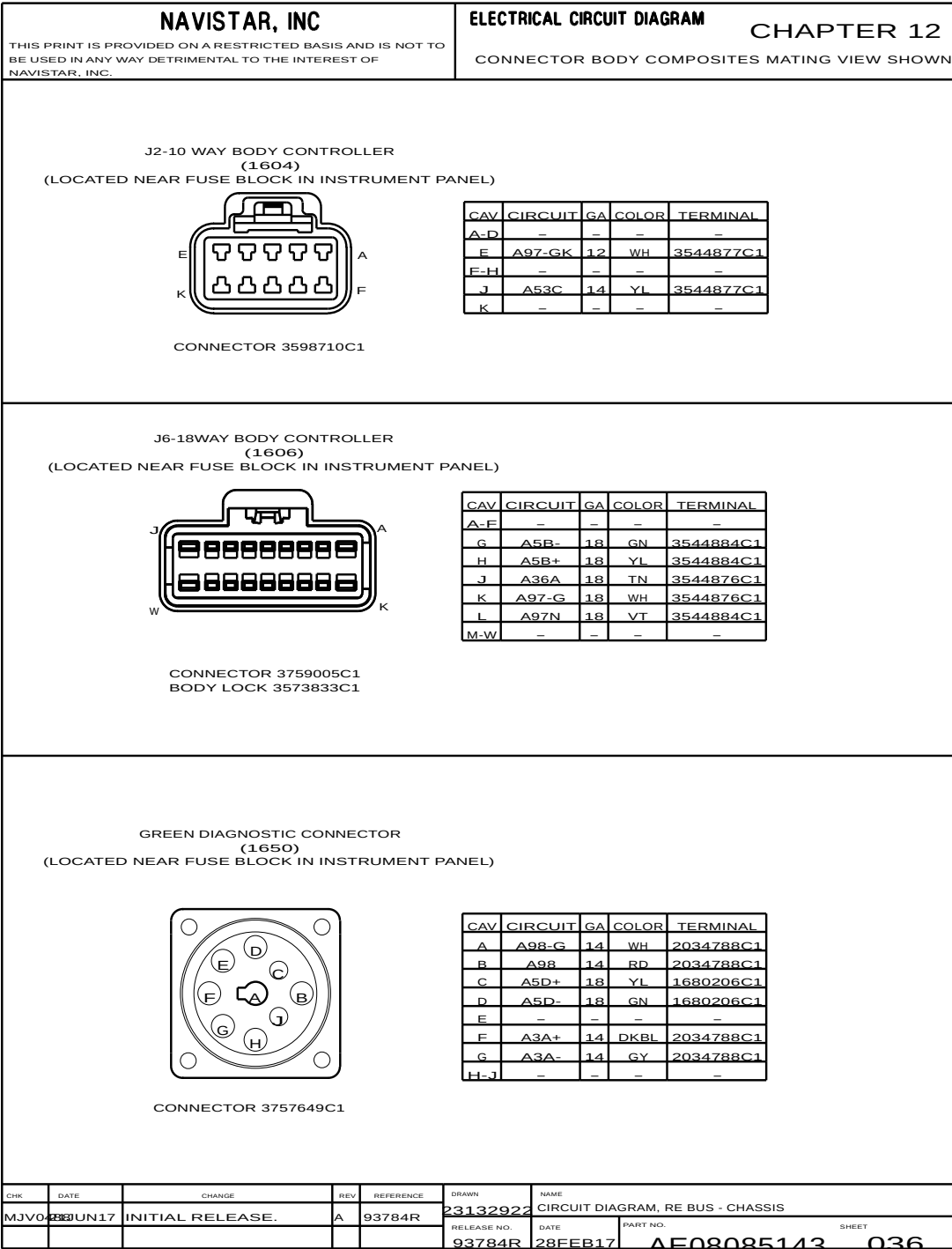


Figure 148 Connector Body Composites (1601, 1602)

12.38. CONNECTOR BODY COMPOSITES (1604, 1606, 1650), P. 36**Figure 149 Connector Body Composites (1604, 1606, 1650)**

12.39. CONNECTOR BODY COMPOSITES (1700), P. 36A

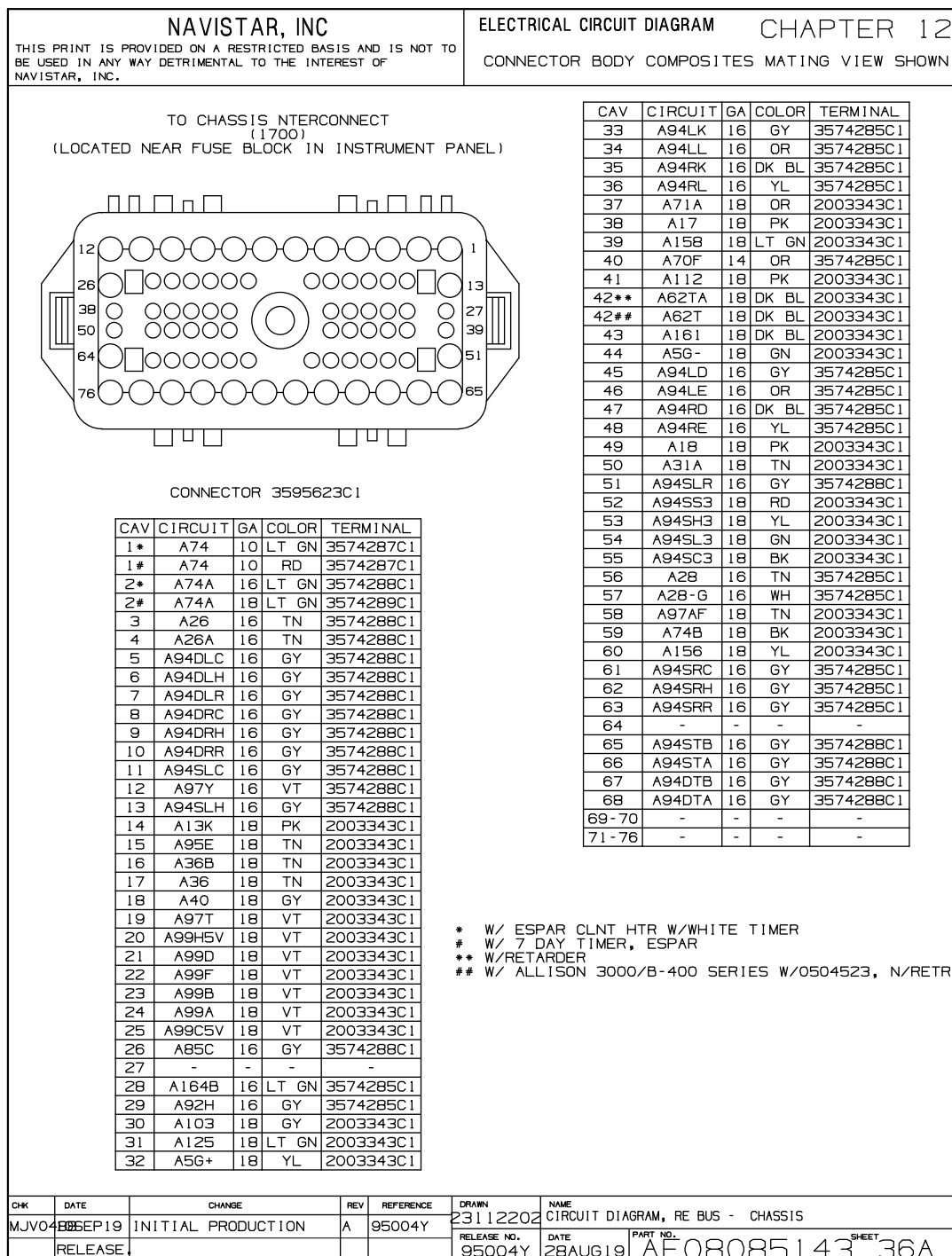


Figure 150 Connector Body Composites (1700)

12.40. CONNECTOR BODY COMPOSITES (1707M, 1800M, 1850, 1908, 1952, 2233), P. 37

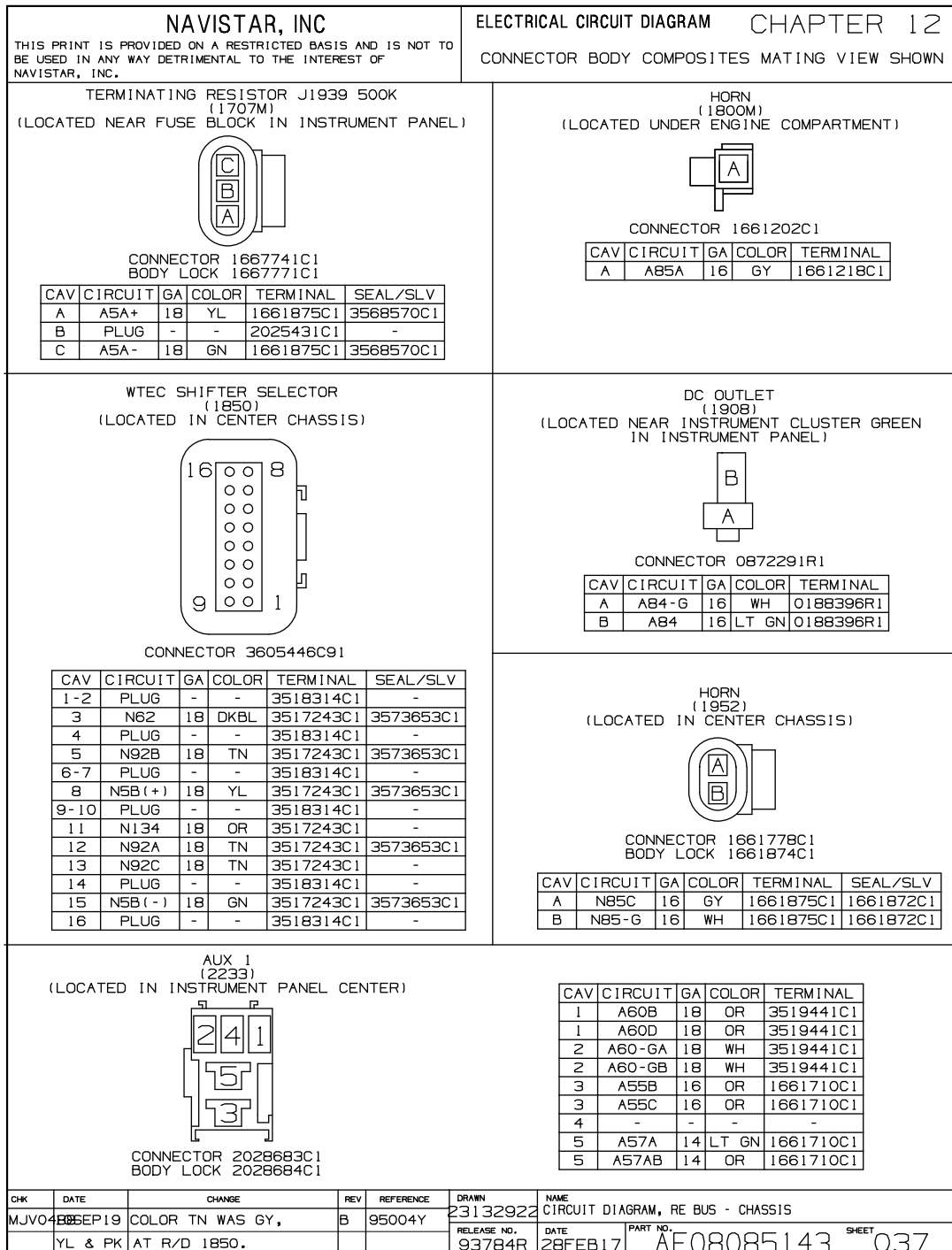


Figure 151 Connector Body Composites (1707M, 1800M, 1850, 1908, 1952, 2233)

12.41. CONNECTOR BODY COMPOSITES (3117, 3118, 3322), P. 38

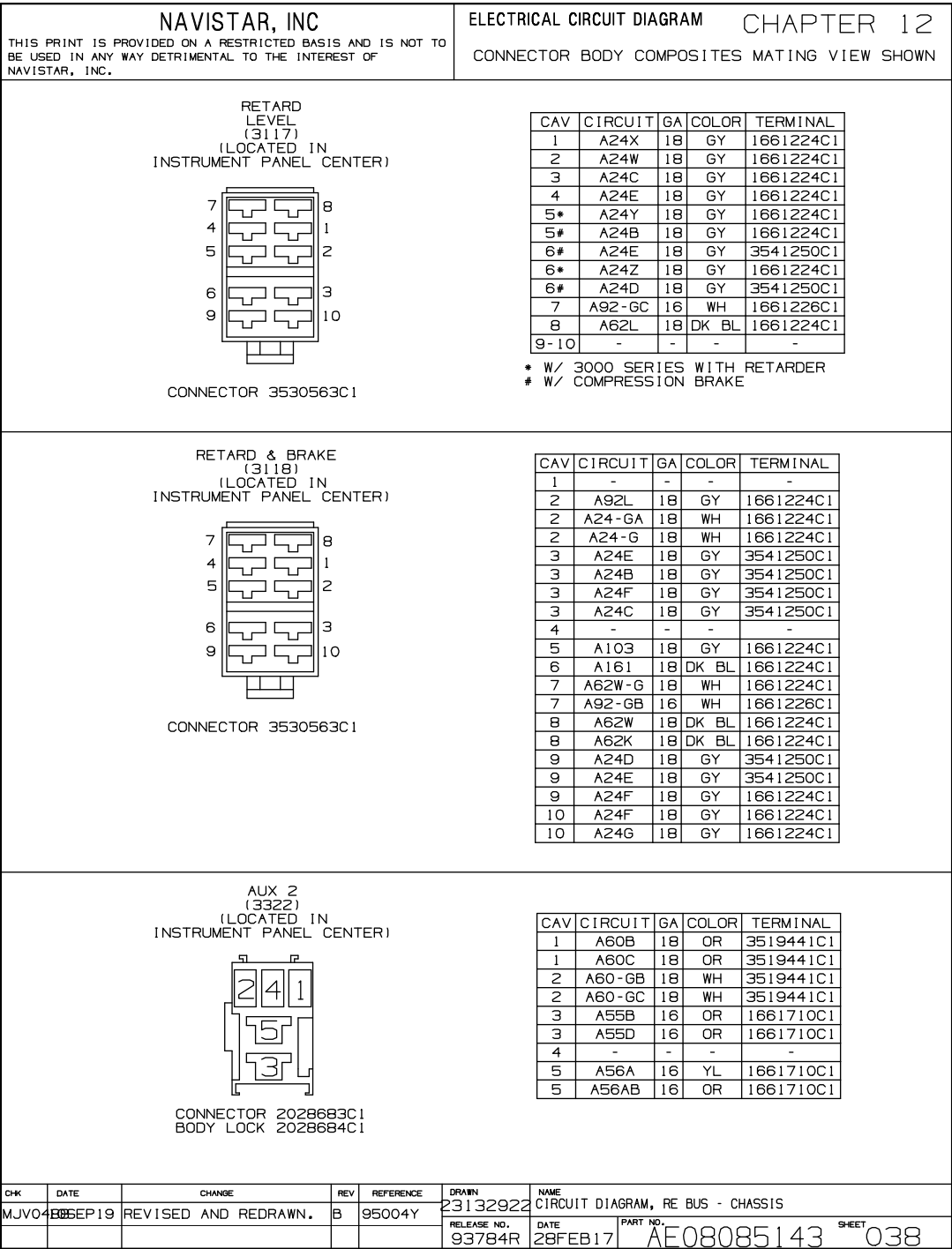


Figure 152 Connector Body Composites (3117, 3118, 3322)

12.42. CONNECTOR BODY COMPOSITES (3344, 4009, 4433), P. 39

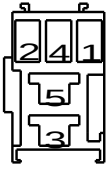
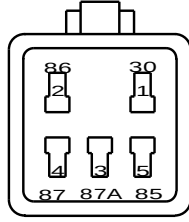
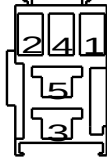
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 12																																																			
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 AUX 3 (3344) (LOCATED IN INSTRUMENT PANEL CENTER)  CONNECTOR 2028683C1 BODY LOCK 2028684C1							<table border="1" style="width: 100%; border-collapse: 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>A60C</td><td>18</td><td>OR</td><td>2025418C1</td></tr><tr><td>2</td><td>A60-GC</td><td>18</td><td>WH</td><td>2025418C1</td></tr><tr><td>3</td><td>A55AA</td><td>16</td><td>OR</td><td>1661710C1</td></tr><tr><td>3</td><td>A55D</td><td>16</td><td>OR</td><td>1661710C1</td></tr><tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>5</td><td>A56</td><td>16</td><td>YL</td><td>1661710C1</td></tr><tr><td>5</td><td>A56AC</td><td>16</td><td>YL</td><td>1661710C1</td></tr></tbody></table>	CAV	CIRCUIT	GA	COLOR	TERMINAL	1	A60C	18	OR	2025418C1	2	A60-GC	18	WH	2025418C1	3	A55AA	16	OR	1661710C1	3	A55D	16	OR	1661710C1	4	-	-	-	-	5	A56	16	YL	1661710C1	5	A56AC	16	YL	1661710C1										
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																					
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5	A56AC	16	YL	1661710C1																																																					
 TCM NEUTRAL SWITCH (4009) (LOCATED NEAR TO DEF PDM IN ENGINE COMPARTMENT)  CONNECTOR 3512331C91 BODY LOCK 3515185C1							<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>K17A</td><td>16</td><td>PK</td><td>2039343C1</td><td>1652325C1</td></tr><tr><td>2</td><td>K92#141</td><td>18</td><td>GY</td><td>2039343C1</td><td>3517771C1</td></tr><tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr><tr><td>4</td><td>K17D</td><td>16</td><td>PK</td><td>2039343C1</td><td>1652325C1</td></tr><tr><td>4</td><td>K17B</td><td>16</td><td>PK</td><td>2039343C1</td><td>1652325C1</td></tr><tr><td>5</td><td>K10-GG</td><td>18</td><td>WH</td><td>2039343C1</td><td>3517771C1</td></tr></tbody></table>	CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	1	K17A	16	PK	2039343C1	1652325C1	2	K92#141	18	GY	2039343C1	3517771C1	3	PLUG	-	-	0587579C1	-	4	K17D	16	PK	2039343C1	1652325C1	4	K17B	16	PK	2039343C1	1652325C1	5	K10-GG	18	WH	2039343C1	3517771C1								
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																																				
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3	PLUG	-	-	0587579C1	-																																																				
4	K17D	16	PK	2039343C1	1652325C1																																																				
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5	K10-GG	18	WH	2039343C1	3517771C1																																																				
 AUX 4 (4433) (LOCATED IN INSTRUMENT PANEL CENTER)  CONNECTOR 2028683C1 BODY LOCK 2028684C1							<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>A60D</td><td>18</td><td>OR</td><td>3519441C1</td></tr><tr><td>1</td><td>A60A</td><td>16</td><td>OR</td><td>3519441C1</td></tr><tr><td>2</td><td>A60-G</td><td>18</td><td>WH</td><td>3519441C1</td></tr><tr><td>2</td><td>A60-GA</td><td>18</td><td>WH</td><td>3519441C1</td></tr><tr><td>3</td><td>A55A</td><td>14</td><td>OR</td><td>1661710C1</td></tr><tr><td>3</td><td>A55C</td><td>16</td><td>OR</td><td>1661710C1</td></tr><tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>5</td><td>A57</td><td>16</td><td>YL</td><td>2022374C1</td></tr><tr><td>5</td><td>A57AC</td><td>16</td><td>YL</td><td>2022374C1</td></tr></tbody></table>	CAV	CIRCUIT	GA	COLOR	TERMINAL	1	A60D	18	OR	3519441C1	1	A60A	16	OR	3519441C1	2	A60-G	18	WH	3519441C1	2	A60-GA	18	WH	3519441C1	3	A55A	14	OR	1661710C1	3	A55C	16	OR	1661710C1	4	-	-	-	-	5	A57	16	YL	2022374C1	5	A57AC	16	YL	2022374C1
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																					
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2	A60-G	18	WH	3519441C1																																																					
2	A60-GA	18	WH	3519441C1																																																					
3	A55A	14	OR	1661710C1																																																					
3	A55C	16	OR	1661710C1																																																					
4	-	-	-	-																																																					
5	A57	16	YL	2022374C1																																																					
5	A57AC	16	YL	2022374C1																																																					
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																			
MJVO	03JUN17	INITIAL RELEASE.	A	93784R	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS																																																			
RELEASE NO.	DATE	PART NO.	SHEET																																																						
93784R	28FEB17	AE08085143	039																																																						

Figure 153 Connector Body Composites (3344, 4009, 4433)

12.43. CONNECTOR BODY COMPOSITES (4800, 5263C, 5263F, 5263M, 5556M), P. 40

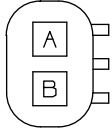
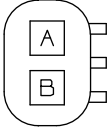
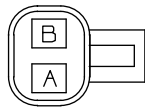
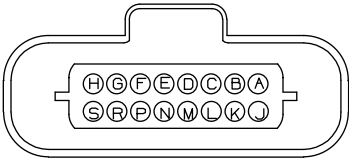
NAVISTAR, INC						ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 12																																																																																																			
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ATC (4800) (LOCATED NEAR INSTR CLUSTER NATURAL IN INSTRUMENT PANEL)  CONNECTOR 2001688C1 <table 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>A94KH</td><td>18</td><td>GY</td><td>2001704C1</td></tr><tr><td>A</td><td>A94-GB</td><td>18</td><td>WH</td><td>2001704C1</td></tr><tr><td>B</td><td>A94KL</td><td>16</td><td>GY</td><td>2001704C1</td></tr></tbody></table>						CAV	CIRCUIT	GA	COLOR	TERMINAL	A	A94KH	18	GY	2001704C1	A	A94-GB	18	WH	2001704C1	B	A94KL	16	GY	2001704C1	FULL TIME LIGHTS POWER CAP (5263C) (LOCATED NEAR FUSE BLOCK IN INSTRUMENT PANEL)  CONNECTOR 1671611C1 BODY LOCK 1671608C1 <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>JUMPER</td><td>16</td><td>PK</td><td>2033911C1</td><td>1652325C1</td></tr><tr><td>B</td><td>JUMPER</td><td>16</td><td>PK</td><td>2033911C1</td><td>1652325C1</td></tr></tbody></table>						CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	JUMPER	16	PK	2033911C1	1652325C1	B	JUMPER	16	PK	2033911C1	1652325C1																																																										
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CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																																																																																						
A	JUMPER	16	PK	2033911C1	1652325C1																																																																																																						
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FULL TIME LIGHTS POWER (5263F) (LOCATED NEAR FUSE BLOCK IN INSTRUMENT PANEL)  CONNECTOR 1671611C1 BODY LOCK 1671608C1 <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>A66L</td><td>14</td><td>YL</td><td>2033912C1</td><td>0589391C1</td></tr><tr><td>B</td><td>A66M</td><td>14</td><td>YL</td><td>2033912C1</td><td>0589391C1</td></tr></tbody></table>						CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	A66L	14	YL	2033912C1	0589391C1	B	A66M	14	YL	2033912C1	0589391C1	FULL TIME LIGHTS POWER 5263M (LOCATED NEAR FUSE BLOCK IN INSTRUMENT PANEL)  CONNECTOR 1671610C1 BODY LOCK 1671608C1 <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>A13AB</td><td>14</td><td>PK</td><td>2033816C1</td><td>0589391C1</td></tr><tr><td>B</td><td>A13AC</td><td>16</td><td>PK</td><td>2033819C1</td><td>1652325C1</td></tr></tbody></table>						CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	A13AB	14	PK	2033816C1	0589391C1	B	A13AC	16	PK	2033819C1	1652325C1																																																												
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A	A13AB	14	PK	2033816C1	0589391C1																																																																																																						
B	A13AC	16	PK	2033819C1	1652325C1																																																																																																						
POWER DISTRIBUTION MODULE #1 (5556M) (LOCATED AT ENGINE COMPARTMENT)  CONNECTOR 3580539C1 BODY LOCK 3757411C1 BODY LOCK 3573833C1						<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-C</td><td>PLUG</td><td>-</td><td>-</td><td>3535430C1</td><td>-</td></tr><tr><td>D</td><td>K11-GH</td><td>16</td><td>WH</td><td>3534162C1</td><td>3535428C1</td></tr><tr><td>E</td><td>K18T</td><td>18</td><td>PK</td><td>3534162C1</td><td>3535427C1</td></tr><tr><td>E</td><td>K17F</td><td>18</td><td>PK</td><td>3534162C1</td><td>3535427C1</td></tr><tr><td>F</td><td>K11-GJ</td><td>16</td><td>WH</td><td>3534162C1</td><td>3535428C1</td></tr><tr><td>G</td><td>K11B</td><td>16</td><td>PK</td><td>3534162C1</td><td>3535427C1</td></tr><tr><td>H</td><td>K97F</td><td>14</td><td>VT</td><td>3534163C1</td><td>3535428C1</td></tr><tr><td>J</td><td>K70C</td><td>18</td><td>OR</td><td>3534162C1</td><td>3535427C1</td></tr><tr><td>K</td><td>K18F</td><td>12</td><td>GY</td><td>3534163C1</td><td>3535428C1</td></tr><tr><td>L-M</td><td>PLUG</td><td>-</td><td>-</td><td>3535430C1</td><td>-</td></tr><tr><td>N</td><td>K26</td><td>16</td><td>GY</td><td>3534162C1</td><td>3535428C1</td></tr><tr><td>N</td><td>K39</td><td>16</td><td>GY</td><td>3534162C1</td><td>3535428C1</td></tr><tr><td>P</td><td>K39A</td><td>16</td><td>GY</td><td>3534162C1</td><td>3535427C1</td></tr><tr><td>R</td><td>PLUG</td><td>-</td><td>-</td><td>3535430C1</td><td>-</td></tr><tr><td>S</td><td>K17A</td><td>16</td><td>PK</td><td>3534162C1</td><td>3535427C1</td></tr></tbody></table>						CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A-C	PLUG	-	-	3535430C1	-	D	K11-GH	16	WH	3534162C1	3535428C1	E	K18T	18	PK	3534162C1	3535427C1	E	K17F	18	PK	3534162C1	3535427C1	F	K11-GJ	16	WH	3534162C1	3535428C1	G	K11B	16	PK	3534162C1	3535427C1	H	K97F	14	VT	3534163C1	3535428C1	J	K70C	18	OR	3534162C1	3535427C1	K	K18F	12	GY	3534163C1	3535428C1	L-M	PLUG	-	-	3535430C1	-	N	K26	16	GY	3534162C1	3535428C1	N	K39	16	GY	3534162C1	3535428C1	P	K39A	16	GY	3534162C1	3535427C1	R	PLUG	-	-	3535430C1	-	S	K17A	16	PK	3534162C1	3535427C1
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																																																																																						
A-C	PLUG	-	-	3535430C1	-																																																																																																						
D	K11-GH	16	WH	3534162C1	3535428C1																																																																																																						
E	K18T	18	PK	3534162C1	3535427C1																																																																																																						
E	K17F	18	PK	3534162C1	3535427C1																																																																																																						
F	K11-GJ	16	WH	3534162C1	3535428C1																																																																																																						
G	K11B	16	PK	3534162C1	3535427C1																																																																																																						
H	K97F	14	VT	3534163C1	3535428C1																																																																																																						
J	K70C	18	OR	3534162C1	3535427C1																																																																																																						
K	K18F	12	GY	3534163C1	3535428C1																																																																																																						
L-M	PLUG	-	-	3535430C1	-																																																																																																						
N	K26	16	GY	3534162C1	3535428C1																																																																																																						
N	K39	16	GY	3534162C1	3535428C1																																																																																																						
P	K39A	16	GY	3534162C1	3535427C1																																																																																																						
R	PLUG	-	-	3535430C1	-																																																																																																						
S	K17A	16	PK	3534162C1	3535427C1																																																																																																						
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																																					
MJV04	SEP19	REVISED AND REDRAWN.	B	95004Y	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS																																																																																																					
					RELEASE NO.	DATE	PART NO.	SHEET																																																																																																			
					93784R	28FEB17	AE08085143	040																																																																																																			

Figure 154 Connector Body Composites (4800, 5263C, 5263F, 5263M, 5556M)

12.44. CONNECTOR BODY COMPOSITES (6000), P. 41

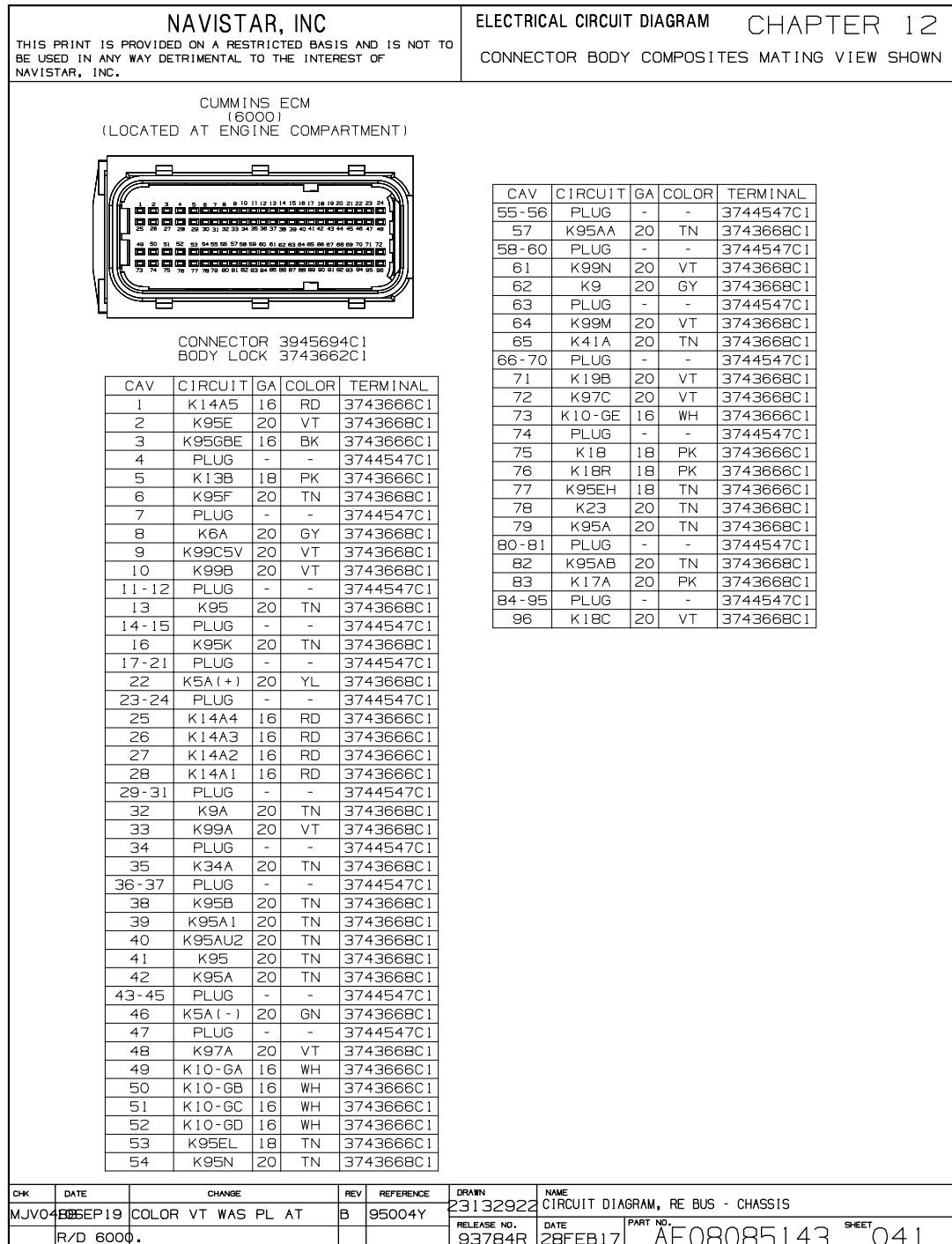


Figure 155 Connector Body Composites (6000)

12.45. CONNECTOR BODY COMPOSITES (6010, 6012, 6120, 6200), P. 42

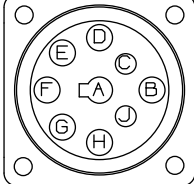
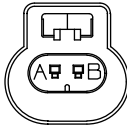
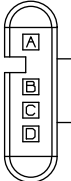
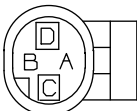
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 12																																																							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																									
DATA LINK (6010) (LOCATED NEAR DEF PDM IN ENGINE COMPARTMENT)  CONNECTOR 3544066C1 <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>K97-GK</td><td>18</td><td>WH</td><td>1651968C1</td><td></td></tr><tr><td>B</td><td>K97F</td><td>14</td><td>VT</td><td>1659750C1</td><td></td></tr><tr><td>C</td><td>K5E(+)</td><td>18</td><td>YL</td><td>1651968C1</td><td></td></tr><tr><td>D</td><td>K5E(-)</td><td>18</td><td>GN</td><td>1651968C1</td><td></td></tr><tr><td>E-J</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>					CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	K97-GK	18	WH	1651968C1		B	K97F	14	VT	1659750C1		C	K5E(+)	18	YL	1651968C1		D	K5E(-)	18	GN	1651968C1		E-J	-	-	-	-	-	J1939 (6012) (LOCATED ON LEFT SIDE OF TRANSMISSION)  CONNECTOR 3683465C1 BODY LOCK 3683466C1 <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>K5F(+)</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></tbody></table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	K5F(+)	18	YL	3683464C1	3535424C1	B	K5F(-)	18	GN	3683464C1	3535424C1
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																																									
A	K97-GK	18	WH	1651968C1																																																										
B	K97F	14	VT	1659750C1																																																										
C	K5E(+)	18	YL	1651968C1																																																										
D	K5E(-)	18	GN	1651968C1																																																										
E-J	-	-	-	-	-																																																									
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																																									
A	K5F(+)	18	YL	3683464C1	3535424C1																																																									
B	K5F(-)	18	GN	3683464C1	3535424C1																																																									
AMMETER SENSOR (6120) (LOCATED AT ENGINE COMPARTMENT)  CONNECTOR 3540756C1 BODY LOCK 3540758C1 <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>K26B</td><td>18</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr><tr><td>B</td><td>K26A</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr><tr><td>C</td><td>K26</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr><tr><td>D</td><td>K26-G</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr></tbody></table>					CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	K26B	18	TN	1661875C1	1661872C1	B	K26A	18	TN	1661875C1	3568570C1	C	K26	18	TN	1661875C1	3568570C1	D	K26-G	16	WH	1661875C1	1661872C1	IDLE UP (6200) (LOCATED NEAR DASH CONN IN INSTRUMENT PANEL)  CONNECTOR 1661777C1 BODY LOCK 1661873C1 <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-B</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td></td></tr><tr><td>C</td><td>A97-GN</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr><tr><td>D</td><td>A97ACE</td><td>16</td><td>VT</td><td>1661875C1</td><td>1661872C1</td></tr></tbody></table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A-B	PLUG	-	-	2025431C1		C	A97-GN	16	WH	1661875C1	1661872C1	D	A97ACE	16	VT	1661875C1	1661872C1
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																																									
A	K26B	18	TN	1661875C1	1661872C1																																																									
B	K26A	18	TN	1661875C1	3568570C1																																																									
C	K26	18	TN	1661875C1	3568570C1																																																									
D	K26-G	16	WH	1661875C1	1661872C1																																																									
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																																									
A-B	PLUG	-	-	2025431C1																																																										
C	A97-GN	16	WH	1661875C1	1661872C1																																																									
D	A97ACE	16	VT	1661875C1	1661872C1																																																									
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																								
MJV04	28SEP19	CIRC A97ACE WAS	B	95004Y	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS																																																								
	A97ACD	AT R/D 6200.			RELEASE NO. 93784R	DATE 28FEB17	PART NO. AE08085143																																																							
						SHEET	042																																																							

Figure 156 Connector Body Composites (6010, 6012, 6120, 6200)

12.46. CONNECTOR BODY COMPOSITES (6308, 6316M, 6348F, 6348M), P. 43

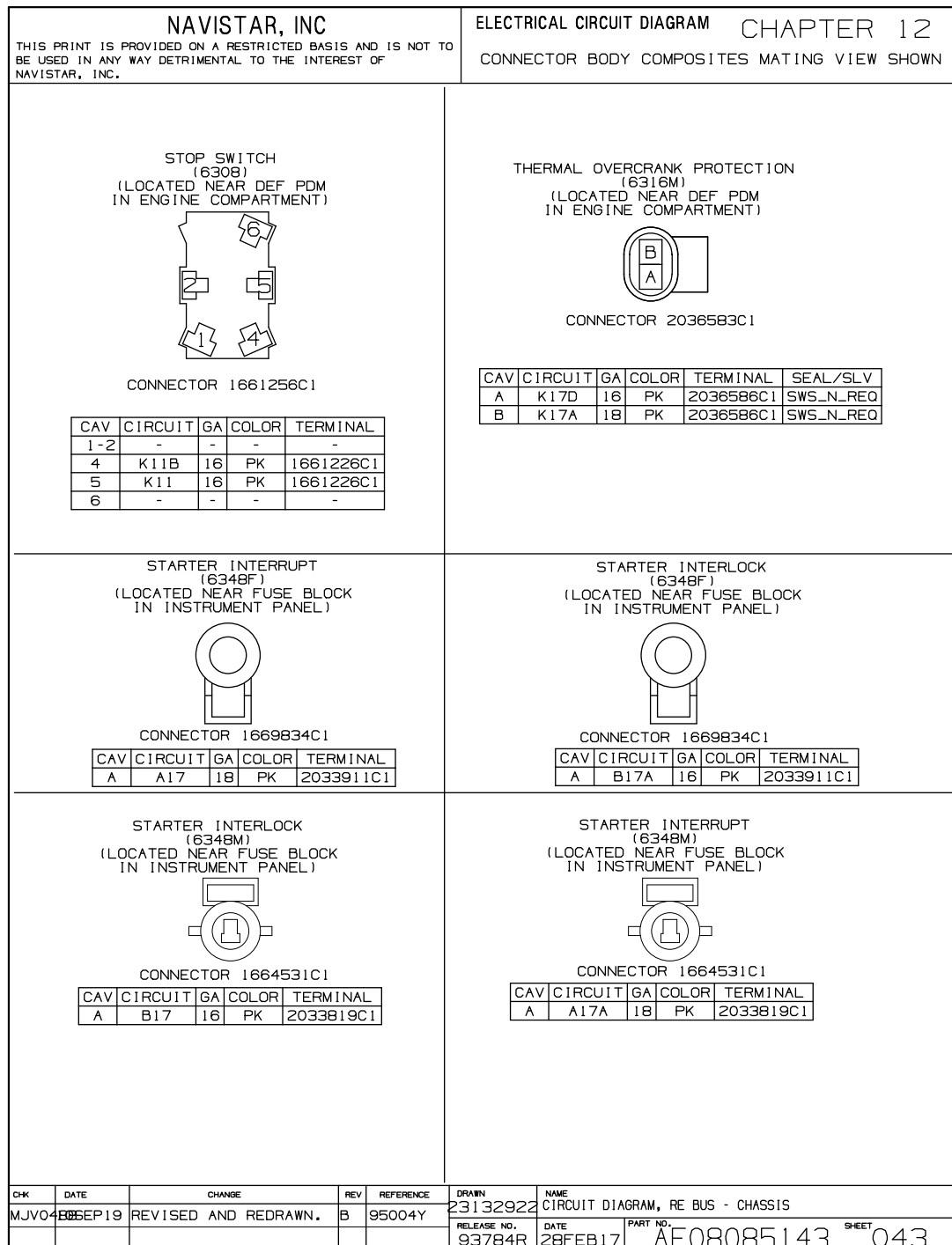


Figure 157 Connector Body Composites (6308, 6316M, 6348F, 6348M)

12.47. CONNECTOR BODY COMPOSITES (6400, 6402, 6500, 6665M, 6704), P. 44

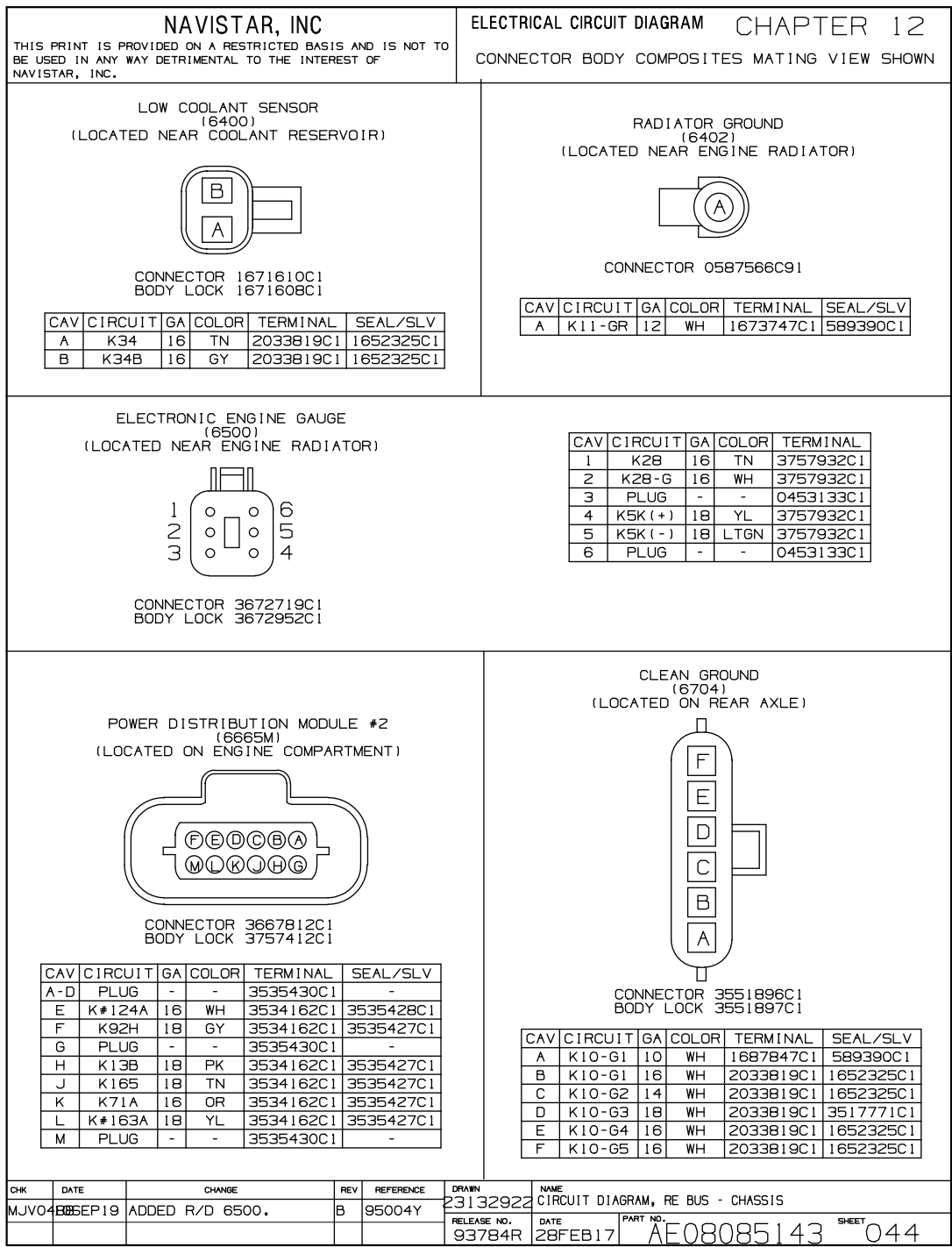


Figure 158 Connector Body Composites (6400, 6402, 6500, 6665M, 6704)

12.48. CONNECTOR BODY COMPOSITES (6741, 6747, 7010), P. 45

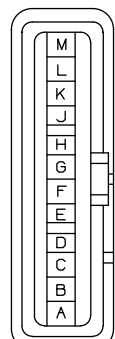
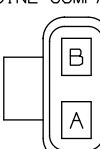
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																																				
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TRANSMISSION OIL TEMP SENSOR (6741) (LOCATED NEAR TRANSMISSION CONTROL MODULE IN ENGINE COMPARTMENT)  CONNECTOR 2036584C1 <table border="1" style="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>K31A</td><td>18</td><td>TN</td><td>2036586C1</td></tr><tr><td>B</td><td>K31-G</td><td>16</td><td>WH</td><td>2036586C1</td></tr></tbody></table>										CAV	CIRCUIT	GA	COLOR	TERMINAL	A	K31A	18	TN	2036586C1	B	K31-G	16	WH	2036586C1																																	
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																					
A	K31A	18	TN	2036586C1																																																					
B	K31-G	16	WH	2036586C1																																																					
ECM SENSOR RETURN / ZVR (6747) (LOCATED NEAR DEF PDM IN ENGINE COMPARTMENT)  CONNECTOR 3543733C1 BODY LOCK 3543732C1 <table border="1" style="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>K9</td><td>20</td><td>GY</td><td>3535302C1</td><td>3535423C1</td></tr><tr><td>B</td><td>K9G</td><td>18</td><td>WH</td><td>3535303C1</td><td>3535424C1</td></tr><tr><td>C-D</td><td>PLUG</td><td>-</td><td>-</td><td>3535425C1</td><td>-</td></tr><tr><td>E</td><td>K95AA</td><td>20</td><td>TN</td><td>3535302C1</td><td>3535423C1</td></tr><tr><td>F</td><td>K95AC</td><td>18</td><td>TN</td><td>3535303C1</td><td>3535424C1</td></tr><tr><td>G</td><td>K23-G</td><td>20</td><td>TN</td><td>3535302C1</td><td>3535423C1</td></tr><tr><td>H-M</td><td>PLUG</td><td>-</td><td>-</td><td>3535425C1</td><td>-</td></tr></tbody></table>										CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	K9	20	GY	3535302C1	3535423C1	B	K9G	18	WH	3535303C1	3535424C1	C-D	PLUG	-	-	3535425C1	-	E	K95AA	20	TN	3535302C1	3535423C1	F	K95AC	18	TN	3535303C1	3535424C1	G	K23-G	20	TN	3535302C1	3535423C1	H-M	PLUG	-	-	3535425C1	-
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																																				
A	K9	20	GY	3535302C1	3535423C1																																																				
B	K9G	18	WH	3535303C1	3535424C1																																																				
C-D	PLUG	-	-	3535425C1	-																																																				
E	K95AA	20	TN	3535302C1	3535423C1																																																				
F	K95AC	18	TN	3535303C1	3535424C1																																																				
G	K23-G	20	TN	3535302C1	3535423C1																																																				
H-M	PLUG	-	-	3535425C1	-																																																				
AFTERTREATMENT FUSE (7010) (CONNECTED TO PDM CONN NEAR DEF PDM IN ENGINE COMPARTMENT)  CONNECTOR 1667639C1 <table border="1" style="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>K14A</td><td>8</td><td>RD</td><td>1661708C1</td><td>SWS_N_REQ</td></tr><tr><td>B</td><td>K14D</td><td>8</td><td>RD</td><td>1661708C1</td><td>SWS_N_REQ</td></tr></tbody></table>										CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	K14A	8	RD	1661708C1	SWS_N_REQ	B	K14D	8	RD	1661708C1	SWS_N_REQ																														
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																																				
A	K14A	8	RD	1661708C1	SWS_N_REQ																																																				
B	K14D	8	RD	1661708C1	SWS_N_REQ																																																				
CHK DATE CHANGE REV REFERENCE DRAWN NAME																																																									
MJVO		28SEP19	CIRC K9G WAS K95-G		B	95004Y	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS																																																	
		AT R/D 6747.					RELEASE NO. 93784R	DATE 28FEB17	PART NO. AE08085143 SHEET 045																																																

Figure 159 Connector Body Composites (6741, 6747, 7010)

12.49. CONNECTOR BODY COMPOSITES (7150), P. 46

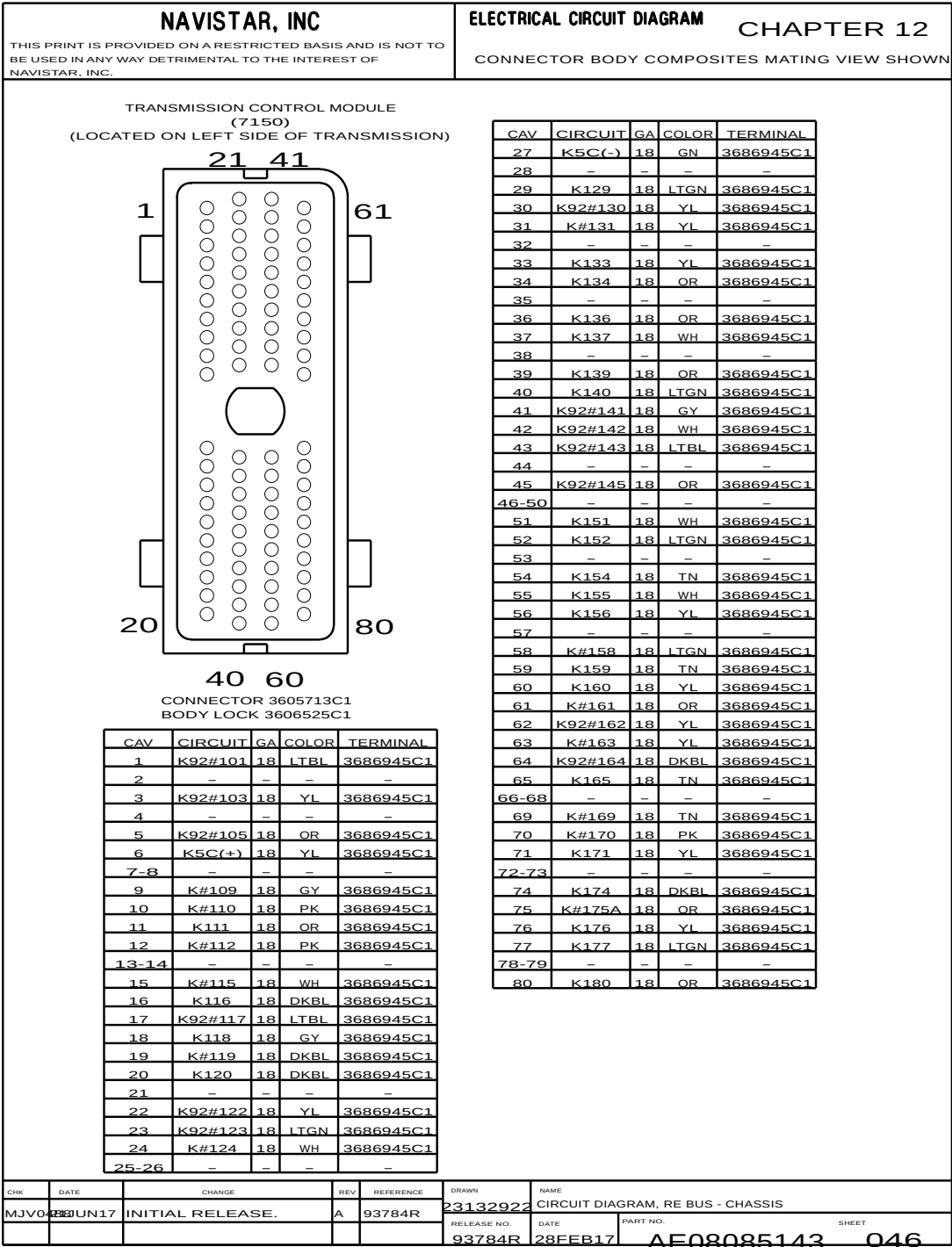


Figure 160 Connector Body Composites (7150)

12.50. CONNECTOR BODY COMPOSITES (7205F, 7206F, 7207F), P. 47

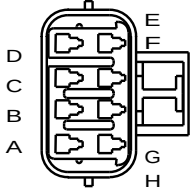
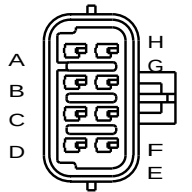
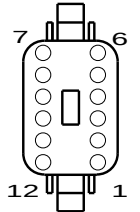
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 12																																																						
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 ALLISON BODY BUILDER 1 (7205F) (LOCATED NEAR DEF PDM IN ENGINE COMPARTMENT)																																																												
			<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>K92B103</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td></tr><tr><td>B-D</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>-</td></tr><tr><td>E</td><td>K92#122</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td></tr><tr><td>F</td><td>K92#105</td><td>18</td><td>OR</td><td>1661875C1</td><td>3568570C1</td></tr><tr><td>G</td><td>K92A164</td><td>18</td><td>DKBL</td><td>1661875C1</td><td>3568570C1</td></tr><tr><td>H</td><td>K92#162</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td></tr></tbody></table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	K92B103	18	YL	1661875C1	3568570C1	B-D	PLUG	-	-	2025431C1	-	E	K92#122	18	YL	1661875C1	3568570C1	F	K92#105	18	OR	1661875C1	3568570C1	G	K92A164	18	DKBL	1661875C1	3568570C1	H	K92#162	18	YL	1661875C1	3568570C1												
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																																							
A	K92B103	18	YL	1661875C1	3568570C1																																																							
B-D	PLUG	-	-	2025431C1	-																																																							
E	K92#122	18	YL	1661875C1	3568570C1																																																							
F	K92#105	18	OR	1661875C1	3568570C1																																																							
G	K92A164	18	DKBL	1661875C1	3568570C1																																																							
H	K92#162	18	YL	1661875C1	3568570C1																																																							
CONNECTOR 3525872C1 BODY LOCK 3525873C1																																																												
 ALLISON BODY BUILDER 2 (7206F) (LOCATED NEAR DEF PDM IN ENGINE COMPARTMENT)																																																												
			<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>K92#101</td><td>18</td><td>LTBL</td><td>1667742C1</td><td>3568570C1</td></tr><tr><td>B</td><td>K92#117</td><td>18</td><td>LTBL</td><td>1667742C1</td><td>3568570C1</td></tr><tr><td>C</td><td>K92C103</td><td>18</td><td>YL</td><td>1667742C1</td><td>3568570C1</td></tr><tr><td>D</td><td>K92#143</td><td>18</td><td>LTBL</td><td>1667742C1</td><td>3568570C1</td></tr><tr><td>E</td><td>K92#142</td><td>18</td><td>WH</td><td>1667742C1</td><td>3568570C1</td></tr><tr><td>F</td><td>K92#145</td><td>18</td><td>OR</td><td>1667742C1</td><td>3568570C1</td></tr><tr><td>G</td><td>K92#130</td><td>18</td><td>YL</td><td>1667742C1</td><td>3568570C1</td></tr><tr><td>H</td><td>K92#123</td><td>18</td><td>LTGN</td><td>1667742C1</td><td>3568570C1</td></tr></tbody></table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	K92#101	18	LTBL	1667742C1	3568570C1	B	K92#117	18	LTBL	1667742C1	3568570C1	C	K92C103	18	YL	1667742C1	3568570C1	D	K92#143	18	LTBL	1667742C1	3568570C1	E	K92#142	18	WH	1667742C1	3568570C1	F	K92#145	18	OR	1667742C1	3568570C1	G	K92#130	18	YL	1667742C1	3568570C1	H	K92#123	18	LTGN	1667742C1	3568570C1
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CONNECTOR 3601924C1 BODY LOCK 3601925C1																																																												
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Figure 161 Connector Body Composites (7205F, 7206F, 7207F)

12.51. CONNECTOR BODY COMPOSITES (7250, 7306F, 7603), P. 48

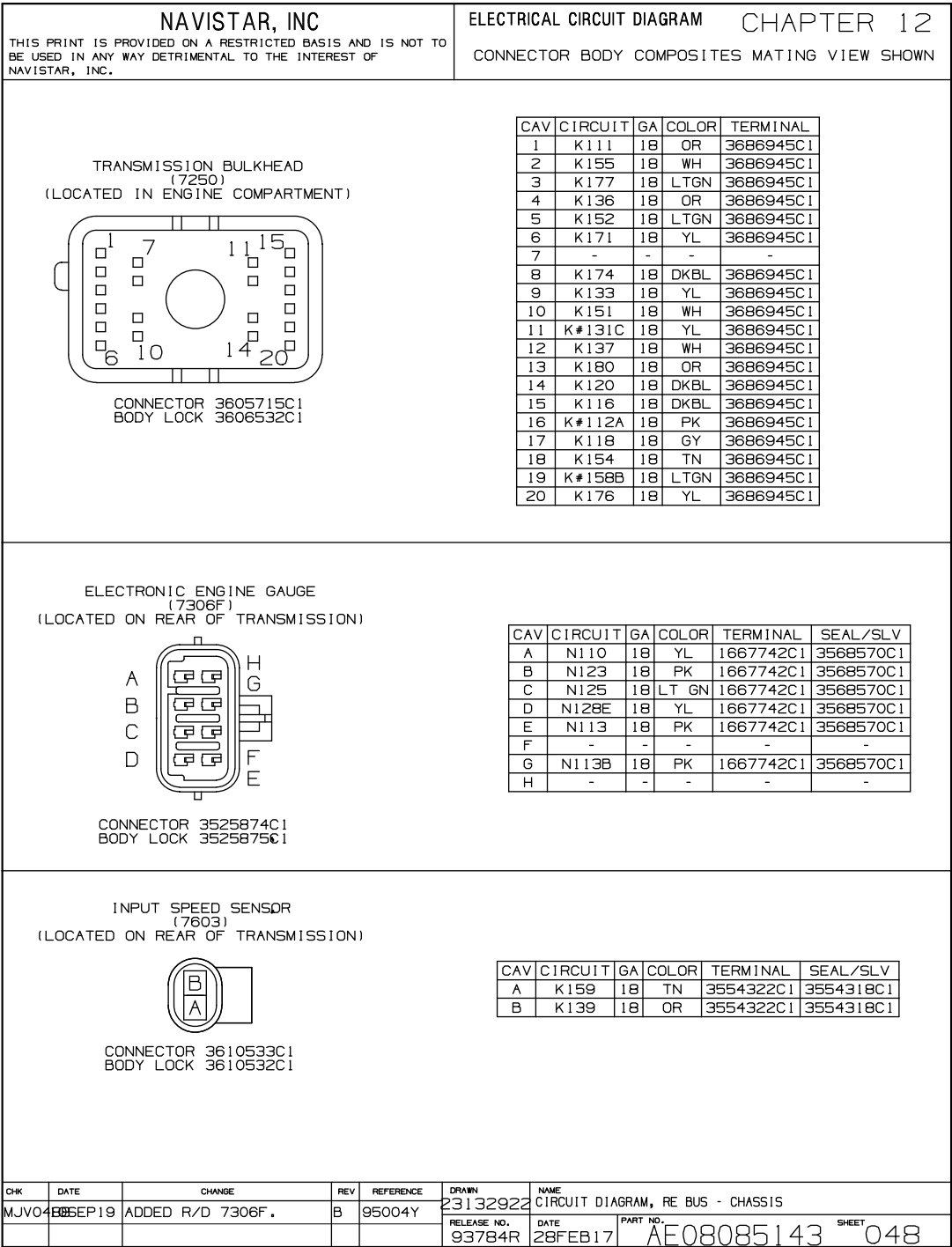


Figure 162 Connector Body Composites (7250, 7603, 7777M, 7980)

12.52. CONNECTOR BODY COMPOSITES (7777M, 7980), P. 48A

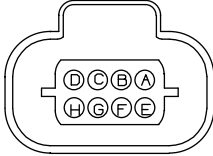
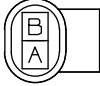
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 12																															
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																	
POWER DISTRIBUTION MODULE #3 (7777M) (LOCATED AT ENGINE COMPARTMENT)  CONNECTOR 3667813C1 BODY LOCK 3573833C1 BODY LOCK 3919238C1							<table border="1" style="font-size: x-small; 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-E</td><td>PLUG</td><td>-</td><td>-</td><td>3535430C1</td><td>-</td></tr><tr><td>F</td><td>K12F</td><td>16</td><td>RD</td><td>3534162C1</td><td>3535427C1</td></tr><tr><td>G</td><td>K13G</td><td>16</td><td>PK</td><td>3534162C1</td><td>3535427C1</td></tr><tr><td>H</td><td>K13H</td><td>16</td><td>PK</td><td>3534162C1</td><td>3535427C1</td></tr></tbody></table>		CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A-E	PLUG	-	-	3535430C1	-	F	K12F	16	RD	3534162C1	3535427C1	G	K13G	16	PK	3534162C1	3535427C1	H	K13H	16	PK	3534162C1	3535427C1
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H	K13H	16	PK	3534162C1	3535427C1																																	
RETARDER SOLENOID (7980) (LOCATED NEAR TRANSMISSION CONTROL MODULE IN ENGINE COMPARTMENT)  CONNECTOR 3868820C1 BODY LOCK 3610532C1							<table border="1" style="font-size: x-small; 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>K#115A</td><td>18</td><td>WH</td><td>3554322C1</td><td>3554318C1</td></tr><tr><td>B</td><td>K#131D</td><td>18</td><td>YL</td><td>3554322C1</td><td>3554318C1</td></tr></tbody></table>		CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	K#115A	18	WH	3554322C1	3554318C1	B	K#131D	18	YL	3554322C1	3554318C1												
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RELEASE	28AUG19	95004Y	AE08085143	48A	SHEET																																	

Figure 163 Connector Body Composites (7777M, 7980)

12.53. CONNECTOR BODY COMPOSITES (7981, 7982, 7983, 8500, 8600), P. 49

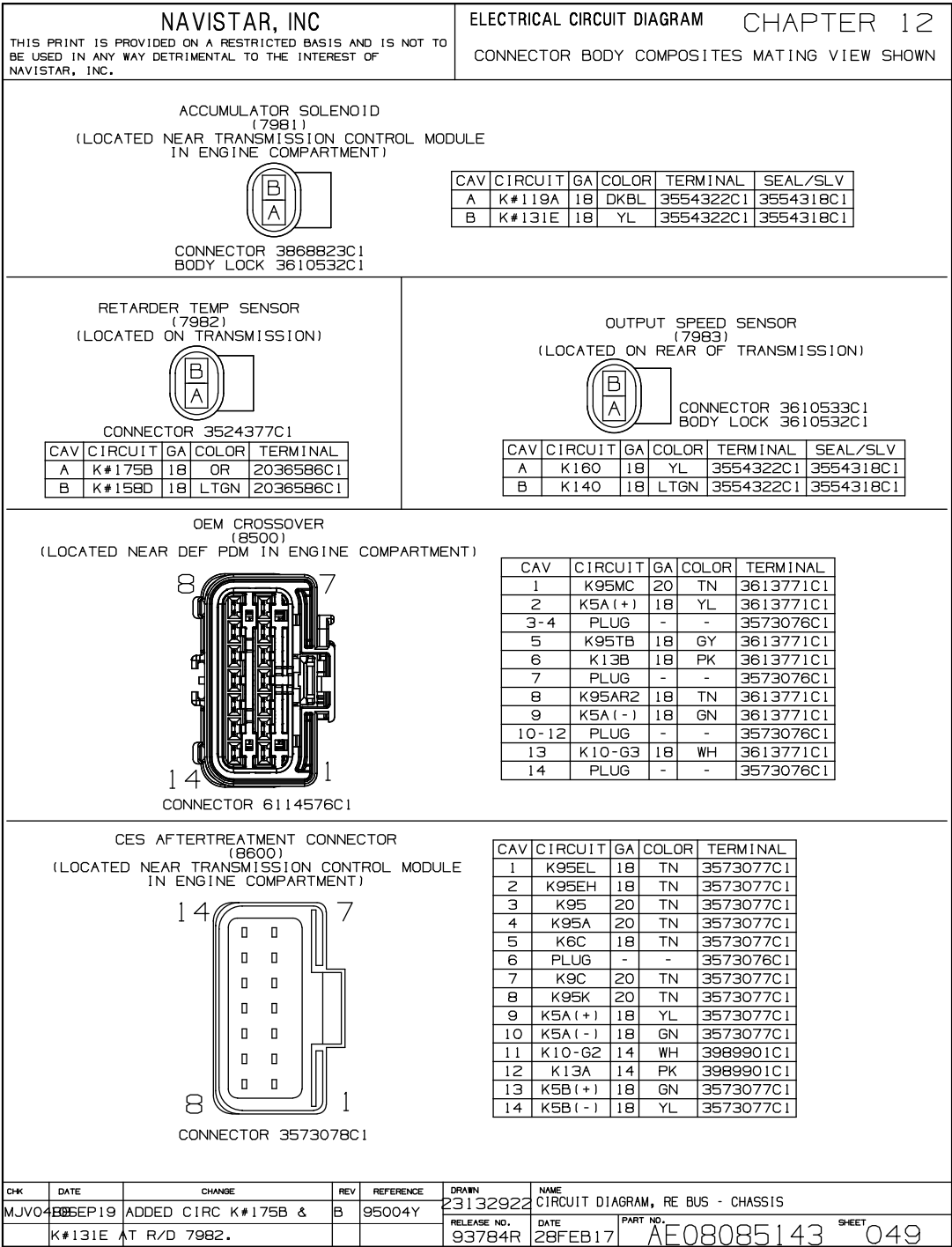


Figure 164 Connector Body Composites (7981, 7982, 7983, 8500, 8600)

12.54. CONNECTOR BODY COMPOSITES (8721, 8800, 9001, 9003, 9003A, 9261), P. 50

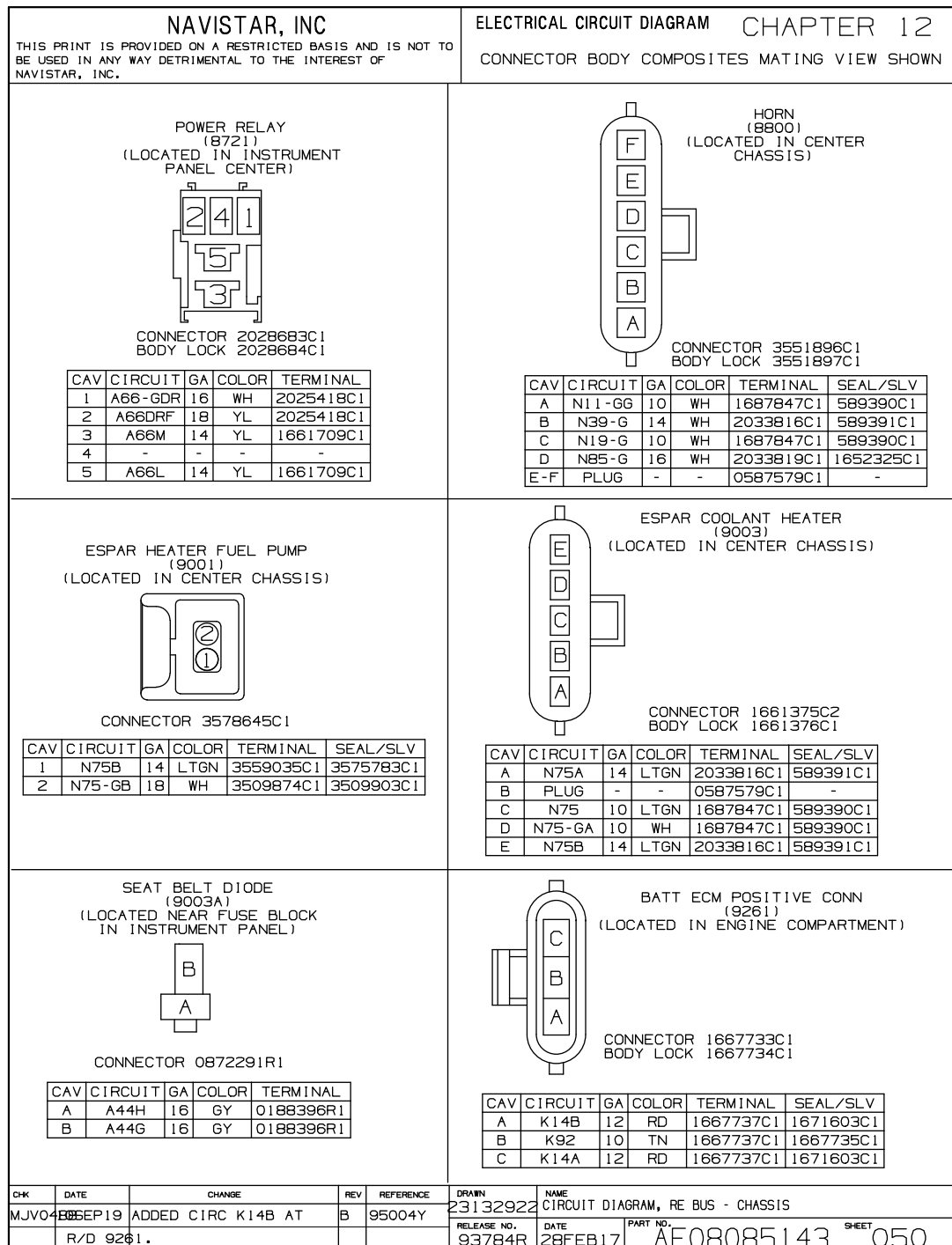


Figure 165 Connector Body Composites (8721, 8800, 9001, 9003, 9003A, 9261)

12.55. CONNECTOR BODY COMPOSITES (9550, 9850), P. 51

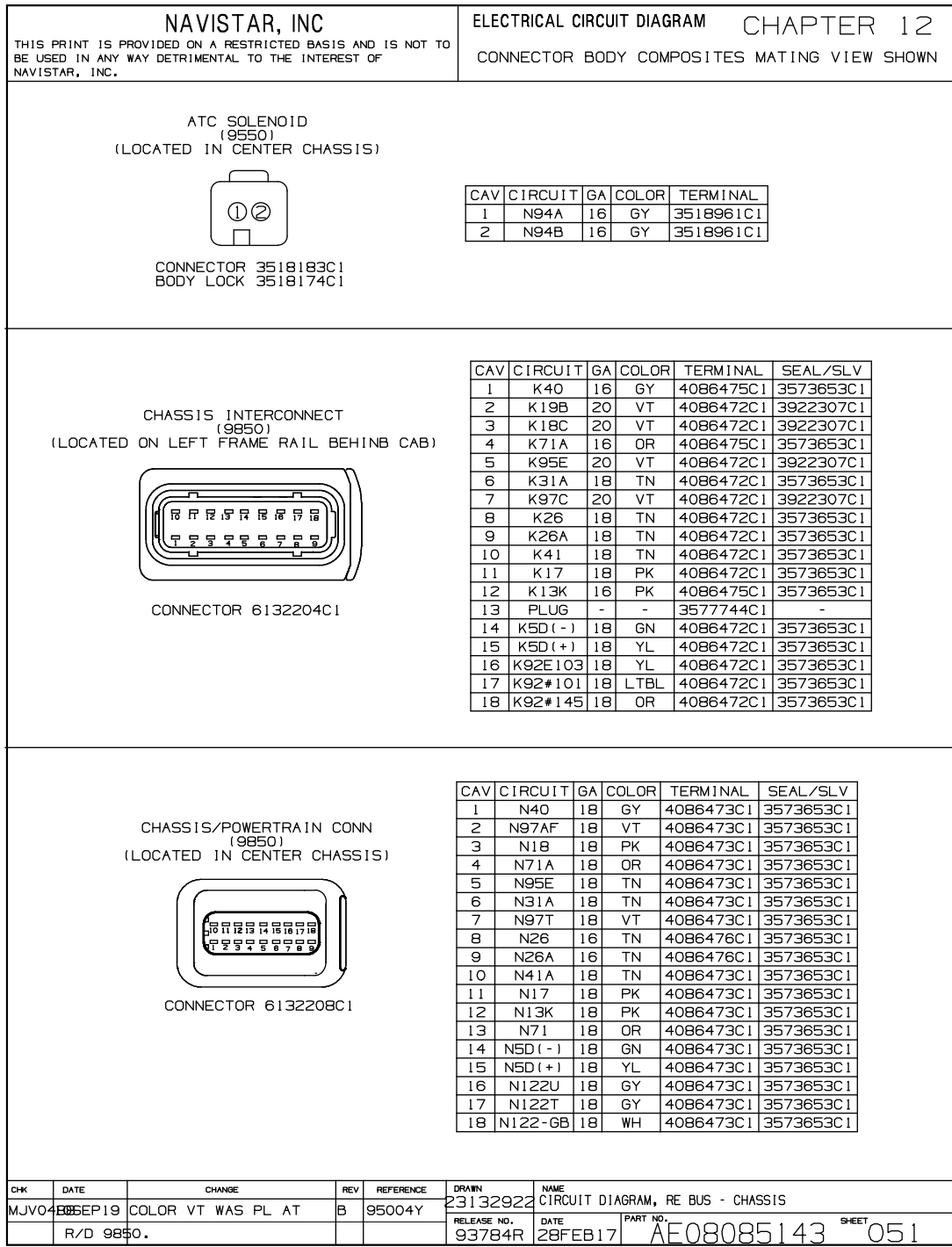


Figure 166 Connector Body Composites (9550, 9850)

12.56. CONNECTOR BODY COMPOSITES (9851, 9900), P. 52

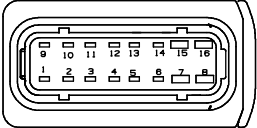
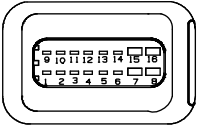
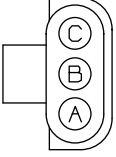
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 12																																																																																																							
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CHASSIS INTERCONNECT (9851) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)  CONNECTOR 6132205C1					<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>PLUG</td><td>-</td><td>-</td><td>3577744C1</td><td>-</td></tr><tr><td>2</td><td>K99B</td><td>20</td><td>PL</td><td>4086472C1</td><td>3922307C1</td></tr><tr><td>3</td><td>K97A</td><td>20</td><td>PL</td><td>4086472C1</td><td>3922307C1</td></tr><tr><td>4</td><td>K39A</td><td>16</td><td>GY</td><td>4086475C1</td><td>3573653C1</td></tr><tr><td>5</td><td>K95A</td><td>18</td><td>TN</td><td>4086472C1</td><td>3573653C1</td></tr><tr><td>6</td><td>K95-G</td><td>18</td><td>WH</td><td>4086472C1</td><td>3573653C1</td></tr><tr><td>7</td><td>KG2B</td><td>16</td><td>TN</td><td>3830798C1</td><td>3509903C1</td></tr><tr><td>8</td><td>KG2B-G</td><td>16</td><td>WH</td><td>3830798C1</td><td>3509903C1</td></tr><tr><td>9</td><td>K99A</td><td>20</td><td>PL</td><td>4086472C1</td><td>3922307C1</td></tr><tr><td>10</td><td>K99C5V</td><td>20</td><td>PL</td><td>4086472C1</td><td>3922307C1</td></tr><tr><td>11</td><td>K99N</td><td>20</td><td>PL</td><td>4086472C1</td><td>3922307C1</td></tr><tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>3577744C1</td><td>-</td></tr><tr><td>13</td><td>K99M</td><td>20</td><td>PL</td><td>4086472C1</td><td>3922307C1</td></tr><tr><td>14</td><td>K6B</td><td>18</td><td>TN</td><td>4086472C1</td><td>3573653C1</td></tr><tr><td>15</td><td>K19A</td><td>14</td><td>GY</td><td>3830798C1</td><td>3509903C1</td></tr><tr><td>16</td><td>K18E</td><td>12</td><td>WH</td><td>3830799C1</td><td>3509903C1</td></tr></tbody></table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	1	PLUG	-	-	3577744C1	-	2	K99B	20	PL	4086472C1	3922307C1	3	K97A	20	PL	4086472C1	3922307C1	4	K39A	16	GY	4086475C1	3573653C1	5	K95A	18	TN	4086472C1	3573653C1	6	K95-G	18	WH	4086472C1	3573653C1	7	KG2B	16	TN	3830798C1	3509903C1	8	KG2B-G	16	WH	3830798C1	3509903C1	9	K99A	20	PL	4086472C1	3922307C1	10	K99C5V	20	PL	4086472C1	3922307C1	11	K99N	20	PL	4086472C1	3922307C1	12	PLUG	-	-	3577744C1	-	13	K99M	20	PL	4086472C1	3922307C1	14	K6B	18	TN	4086472C1	3573653C1	15	K19A	14	GY	3830798C1	3509903C1	16	K18E	12	WH	3830799C1	3509903C1
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3	N97Y	16	VT	4086476C1	3573653C1																																																																																																									
4	N39	16	GY	4086476C1	3573653C1																																																																																																									
5	N95	18	TN	4086473C1	3573653C1																																																																																																									
6	N95-G	18	WH	4086473C1	3573653C1																																																																																																									
7	N2B	16	TN	4086477C1	3509903C1																																																																																																									
8	N2B-G	16	WH	4086477C1	3509903C1																																																																																																									
9	N99A	18	VT	4086473C1	3573653C1																																																																																																									
10	N99C5V	18	VT	4086473C1	3573653C1																																																																																																									
11	N99D	18	VT	4086473C1	3573653C1																																																																																																									
12	-	-	-	3577744C1	-																																																																																																									
13	N99F	18	VT	4086473C1	3573653C1																																																																																																									
14	N99H5V	18	VT	4086473C1	3573653C1																																																																																																									
15	N19A	12	GY	4086478C1	3509903C1																																																																																																									
16	N18E	14	PK	4086477C1	3509903C1																																																																																																									
SEAT BELT SWITCH (9900) (LOCATED IN CAB)  CONNECTOR 0587570C91					<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>A79H</td><td>18</td><td>GY</td><td>0587576C1</td><td>1652325C1</td></tr><tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr><tr><td>C</td><td>A79E</td><td>18</td><td>GY</td><td>0587576C1</td><td>3517771C1</td></tr></tbody></table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	A79H	18	GY	0587576C1	1652325C1	B	PLUG	-	-	0587579C1	-	C	A79E	18	GY	0587576C1	3517771C1																																																																														
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																																																																																									
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C	A79E	18	GY	0587576C1	3517771C1																																																																																																									
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																																								
MJV04	28SEP19	ADDED R/D 9851.	B	95004Y	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS																																																																																																								
				RELEASE NO.	DATE	PART NO.	SHEET																																																																																																							
				93784R	28FEB17	AE08085143	052																																																																																																							

Figure 167 Connector Body Composites (9851, 9900)

12.57. CONNECTOR BODY COMPOSITES (9900A, 9901, 9902, 9902A), P. 53

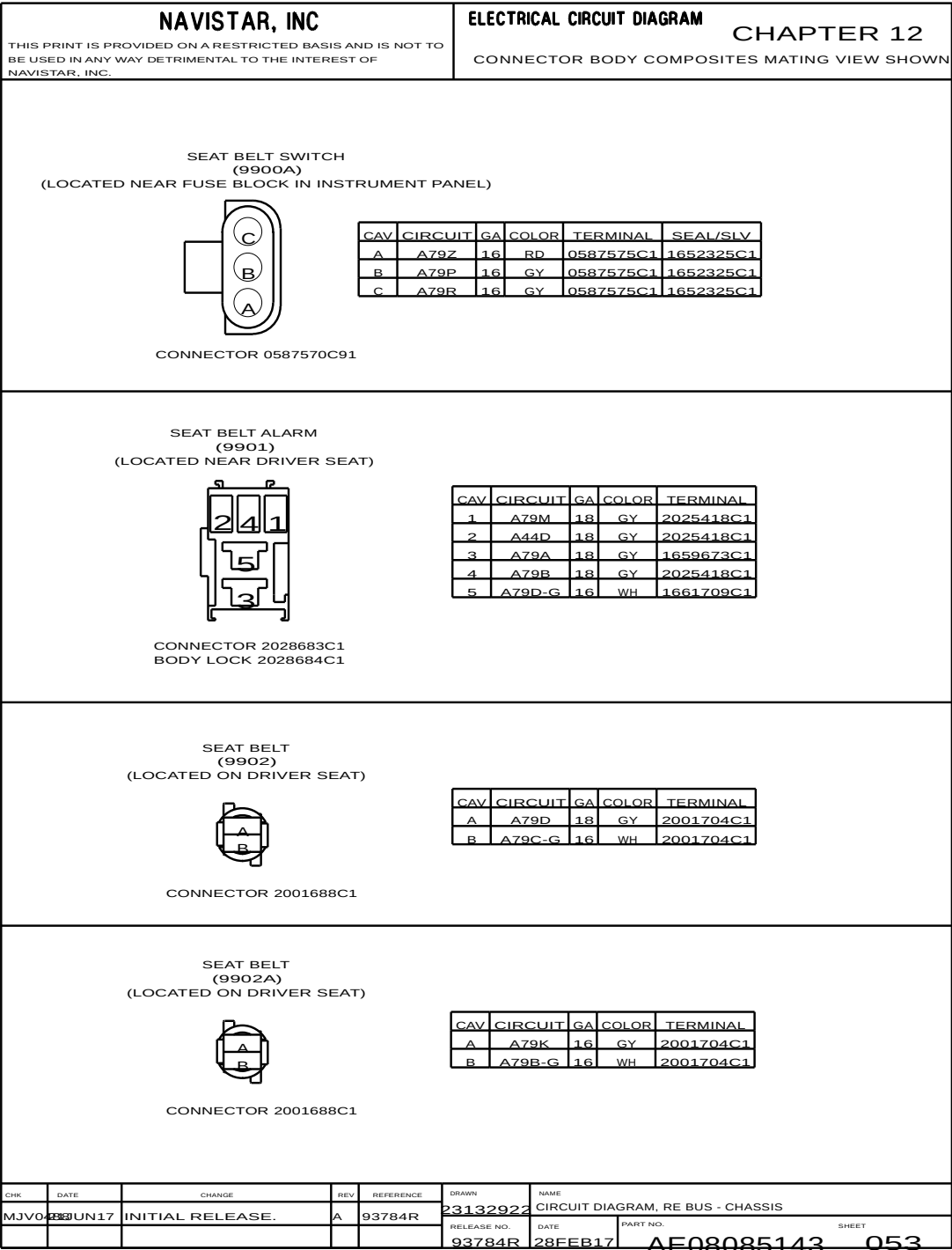
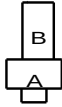
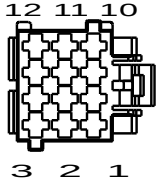
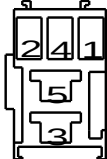


Figure 168 Connector Body Composites (9900A, 9901, 9902, 9902A)

12.58. CONNECTOR BODY COMPOSITES (9903, 9904, 9996, 9999, 9999M), P. 54

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM					
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CHAPTER 12					
				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN					
SEAT BELT DIODE (9903) (LOCATED NEAR FUSE BLOCK IN INSTRUMENT PANEL)				EMERGENCY EXIT DIODE (9904) (LOCATED NEAR FUSE BLOCK IN INSTRUMENT PANEL)					
									
CONNECTOR 0872291R1				CONNECTOR 0872291R1					
CAV	CIRCUIT	GA	COLOR	TERMINAL	CAV	CIRCUIT	GA	COLOR	TERMINAL
A	A44D	18	GY	0879630R1	A	A117C	18	GY	0879630R1
B	A44B	18	GY	0879630R1	B	A117B	18	GY	0879630R1

7 DAY TIMER CLNT HEATER (9996) (LOCATED IN PLATFORM)				
				
CONNECTOR 3924168C1 BODY LOCK 3924983C1				
CAV	CIRCUIT	GA	COLOR	TERMINAL
1	B62BM	18	DK BL	3548971C1
2	B74L	18	LT GN	3548971C1
3	-	-	-	-
4	B74-GH	18	WH	3548971C1
5-7	-	-	-	-
8	B74T	18	BK	3548971C1
9	-	-	-	-
10	B74P	18	PK	3548971C1
11	B74N	18	RD	3548971C1
12	B74-GG	18	WH	3548971C1

SEAT BELT ALARM (9999) (LOCATED NEAR DRIVER SEAT)				
				
CONNECTOR 2028683C1 BODY LOCK 2028684C1				
CAV	CIRCUIT	GA	COLOR	TERMINAL
1	A79J	16	GY	2025418C1
2	A44H	16	GY	2025418C1
3	A79N	16	GY	1661709C1
4	A79L	14	GY	2025419C1
5	A79D-G	16	WH	1661709C1

BATTERY POWER (9999M) (CONNECTED TO STARTER POSITIVE TERMINAL)					
					
CONNECTOR 3667910C1 BODY LOCK 3667977C1					
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV
A	K14	8	RD	3667973C1	3667972C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
MJVO	03JUN17	INITIAL RELEASE.	A	93784R	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS		
					RELEASE NO.	DATE	PART NO.	SHEET
					93784R	28FEB17	AE08085143	054

Figure 169 Connector Body Composites (9903, 9904, 9996, 9999, 9999M)

12.59. CONNECTOR BODY COMPOSITES (10000), P. 55

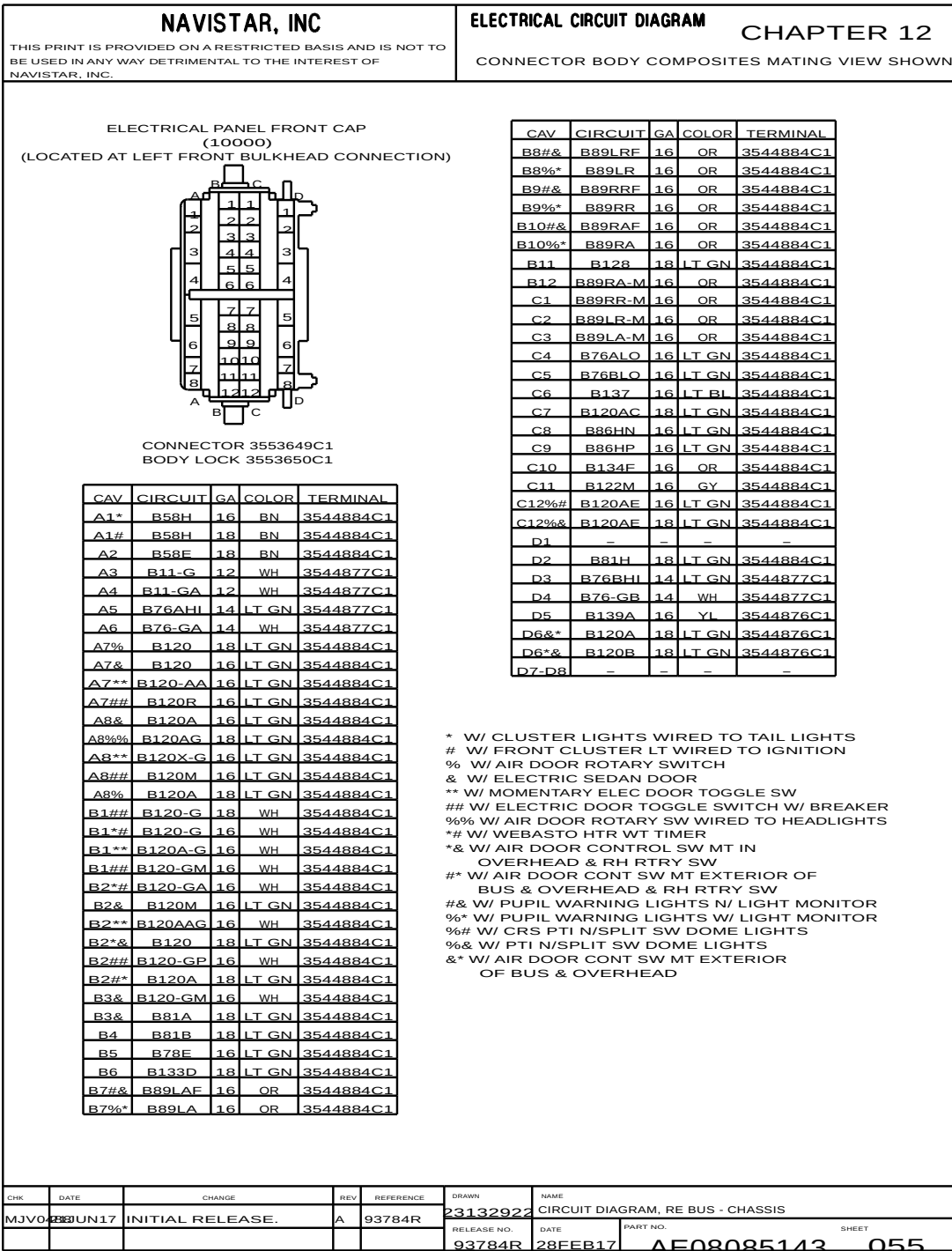


Figure 170 Connector Body Composites (10000)

12.60. CONNECTOR BODY COMPOSITES (10003, 10003L, 10004), P. 56

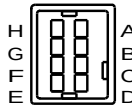
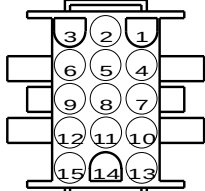
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 12																																																																											
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																																													
RIGHT MIRROR (10003) (LOCATED AT RIGHT SIDE OF DRIVER SEAT)  CONNECTOR 3515763C1 BODY LOCK 3515765C1 <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>B78RA</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr><tr><td>B</td><td>B78RB</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr><tr><td>C</td><td>B78RC</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr><tr><td>D</td><td>B78RD</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr><tr><td>E</td><td>B78RE</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr><tr><td>F</td><td>B78RF</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr><tr><td>G</td><td>B78RG</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr><tr><td>H</td><td>B78RH</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr></tbody></table>							CAV	CIRCUIT	GA	COLOR	TERMINAL	A	B78RA	18	LTGN	1661262C1	B	B78RB	18	LTGN	1661262C1	C	B78RC	18	LTGN	1661262C1	D	B78RD	18	LTGN	1661262C1	E	B78RE	18	LTGN	1661262C1	F	B78RF	18	LTGN	1661262C1	G	B78RG	18	LTGN	1661262C1	H	B78RH	18	LTGN	1661262C1																														
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																																													
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E	B78RE	18	LTGN	1661262C1																																																																													
F	B78RF	18	LTGN	1661262C1																																																																													
G	B78RG	18	LTGN	1661262C1																																																																													
H	B78RH	18	LTGN	1661262C1																																																																													
LEFT MIRROR (10003L) (LOCATED AT LEFT SIDE OF DRIVER SEAT)  CONNECTOR 3515763C1 BODY LOCK 3515765C1 <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>B78LA</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr><tr><td>B</td><td>B78LB</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr><tr><td>C</td><td>B78LC</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr><tr><td>D</td><td>B78LD</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr><tr><td>E</td><td>B78LE</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr><tr><td>F</td><td>B78LF</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr><tr><td>G</td><td>B78LG</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr><tr><td>H</td><td>B78LH</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr></tbody></table>							CAV	CIRCUIT	GA	COLOR	TERMINAL	A	B78LA	18	LTGN	1661262C1	B	B78LB	18	LTGN	1661262C1	C	B78LC	18	LTGN	1661262C1	D	B78LD	18	LTGN	1661262C1	E	B78LE	18	LTGN	1661262C1	F	B78LF	18	LTGN	1661262C1	G	B78LG	18	LTGN	1661262C1	H	B78LH	18	LTGN	1661262C1																														
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																																													
A	B78LA	18	LTGN	1661262C1																																																																													
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C	B78LC	18	LTGN	1661262C1																																																																													
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E	B78LE	18	LTGN	1661262C1																																																																													
F	B78LF	18	LTGN	1661262C1																																																																													
G	B78LG	18	LTGN	1661262C1																																																																													
H	B78LH	18	LTGN	1661262C1																																																																													
LIGHT MONITOR (10004) (LOCATED IN ELECTRICAL PANEL)  CONNECTOR 3586676C91 <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>1-2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>3</td><td>B68D</td><td>16</td><td>BN</td><td>1661538C1</td></tr><tr><td>4</td><td>B71C</td><td>16</td><td>LTBL</td><td>1661538C1</td></tr><tr><td>5</td><td>B57B</td><td>16</td><td>LTGN</td><td>1661538C1</td></tr><tr><td>6</td><td>B56B</td><td>16</td><td>YL</td><td>1661538C1</td></tr><tr><td>7</td><td>B70B</td><td>16</td><td>RD</td><td>1661538C1</td></tr><tr><td>8</td><td>B70L-M</td><td>16</td><td>RD</td><td>1661538C1</td></tr><tr><td>9</td><td>B57R-M</td><td>16</td><td>LTGN</td><td>1661538C1</td></tr><tr><td>10</td><td>B71L-M</td><td>16</td><td>LTBL</td><td>1661538C1</td></tr><tr><td>11</td><td>B68L-M</td><td>16</td><td>BN</td><td>1661538C1</td></tr><tr><td>12</td><td>B70R-M</td><td>16</td><td>RD</td><td>1661538C1</td></tr><tr><td>13</td><td>B56L-M</td><td>16</td><td>YL</td><td>1661538C1</td></tr><tr><td>14</td><td>B71R-M</td><td>16</td><td>LTBL</td><td>1661538C1</td></tr><tr><td>15</td><td>B68R-M</td><td>16</td><td>BN</td><td>1661538C1</td></tr></tbody></table>							CAV	CIRCUIT	GA	COLOR	TERMINAL	1-2	-	-	-	-	3	B68D	16	BN	1661538C1	4	B71C	16	LTBL	1661538C1	5	B57B	16	LTGN	1661538C1	6	B56B	16	YL	1661538C1	7	B70B	16	RD	1661538C1	8	B70L-M	16	RD	1661538C1	9	B57R-M	16	LTGN	1661538C1	10	B71L-M	16	LTBL	1661538C1	11	B68L-M	16	BN	1661538C1	12	B70R-M	16	RD	1661538C1	13	B56L-M	16	YL	1661538C1	14	B71R-M	16	LTBL	1661538C1	15	B68R-M	16	BN	1661538C1
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																																													
1-2	-	-	-	-																																																																													
3	B68D	16	BN	1661538C1																																																																													
4	B71C	16	LTBL	1661538C1																																																																													
5	B57B	16	LTGN	1661538C1																																																																													
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8	B70L-M	16	RD	1661538C1																																																																													
9	B57R-M	16	LTGN	1661538C1																																																																													
10	B71L-M	16	LTBL	1661538C1																																																																													
11	B68L-M	16	BN	1661538C1																																																																													
12	B70R-M	16	RD	1661538C1																																																																													
13	B56L-M	16	YL	1661538C1																																																																													
14	B71R-M	16	LTBL	1661538C1																																																																													
15	B68R-M	16	BN	1661538C1																																																																													
<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>MJVO</td><td>03JUN17</td><td>INITIAL RELEASE.</td><td>A</td><td>93784R</td><td>23132922</td><td>CIRCUIT DIAGRAM, RE BUS - CHASSIS</td></tr><tr><td colspan="2"></td><td></td><td></td><td></td><td>RELEASE NO.</td><td>DATE</td></tr><tr><td colspan="2"></td><td></td><td></td><td></td><td>93784R</td><td>28FEB17</td></tr><tr><td colspan="5"></td><td>PART NO.</td><td>SHEET</td></tr><tr><td colspan="5"></td><td>AE08085143</td><td>056</td></tr></tbody></table>							CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	MJVO	03JUN17	INITIAL RELEASE.	A	93784R	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS						RELEASE NO.	DATE						93784R	28FEB17						PART NO.	SHEET						AE08085143	056																																	
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																											
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					PART NO.	SHEET																																																																											
					AE08085143	056																																																																											

Figure 171 Connector Body Composites (10003, 10003L, 10004)

12.61. CONNECTOR BODY COMPOSITES (10200), P. 57

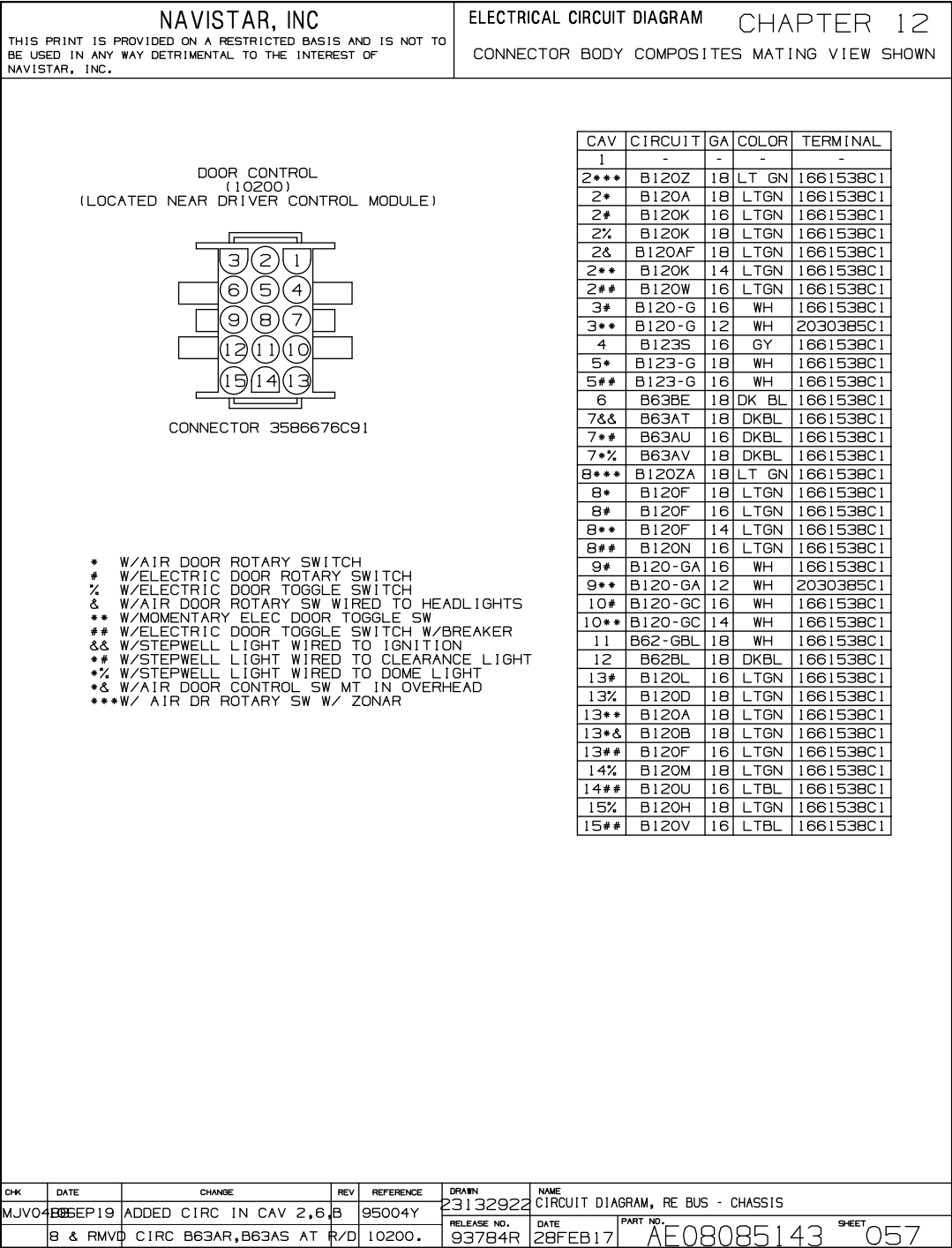


Figure 172 Connector Body Composites (10200)

12.62. CONNECTOR BODY COMPOSITES (10201, 10202), P. 58

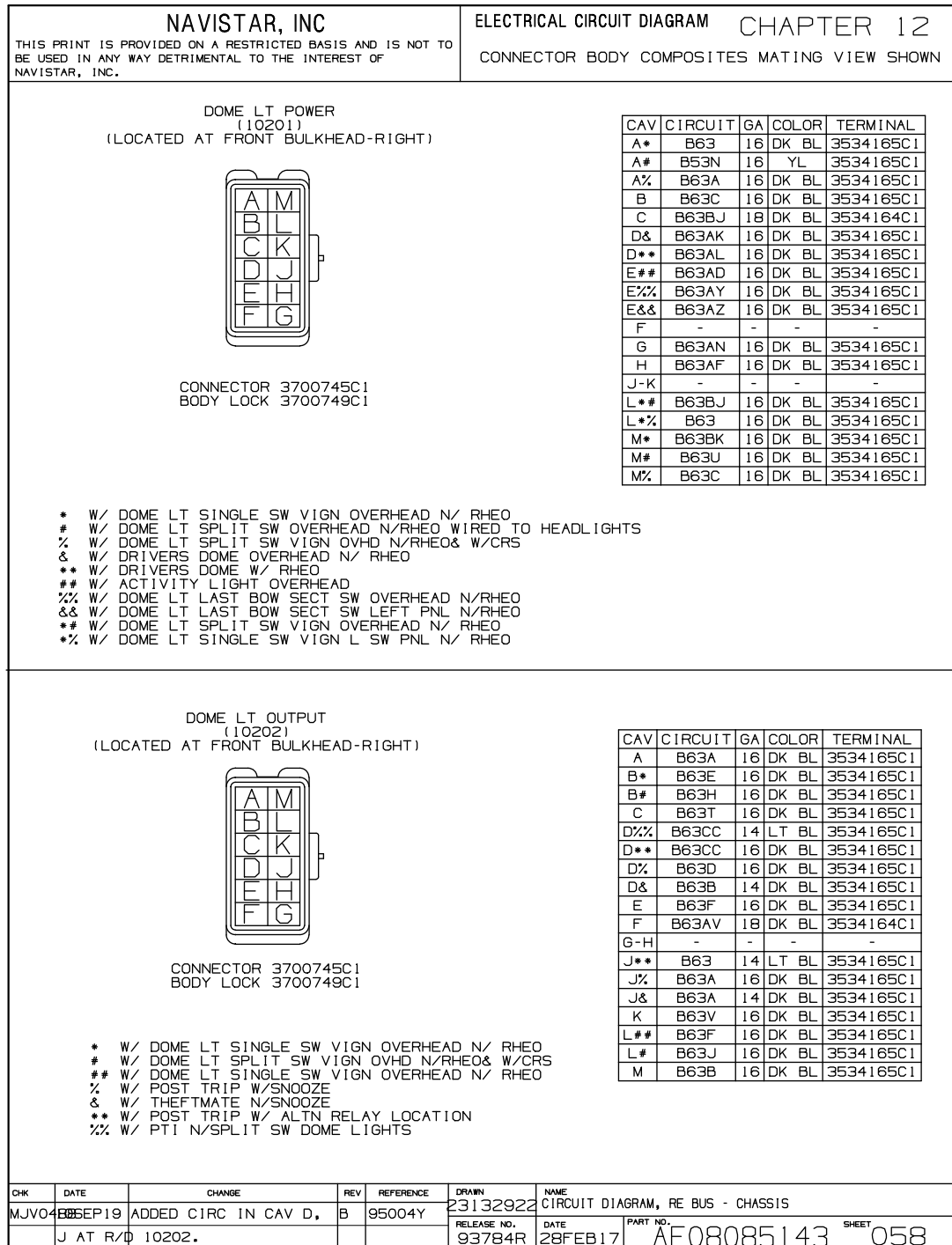


Figure 173 Connector Body Composites (10201, 10202)

12.63. CONNECTOR BODY COMPOSITES (10203, 10204), P. 59

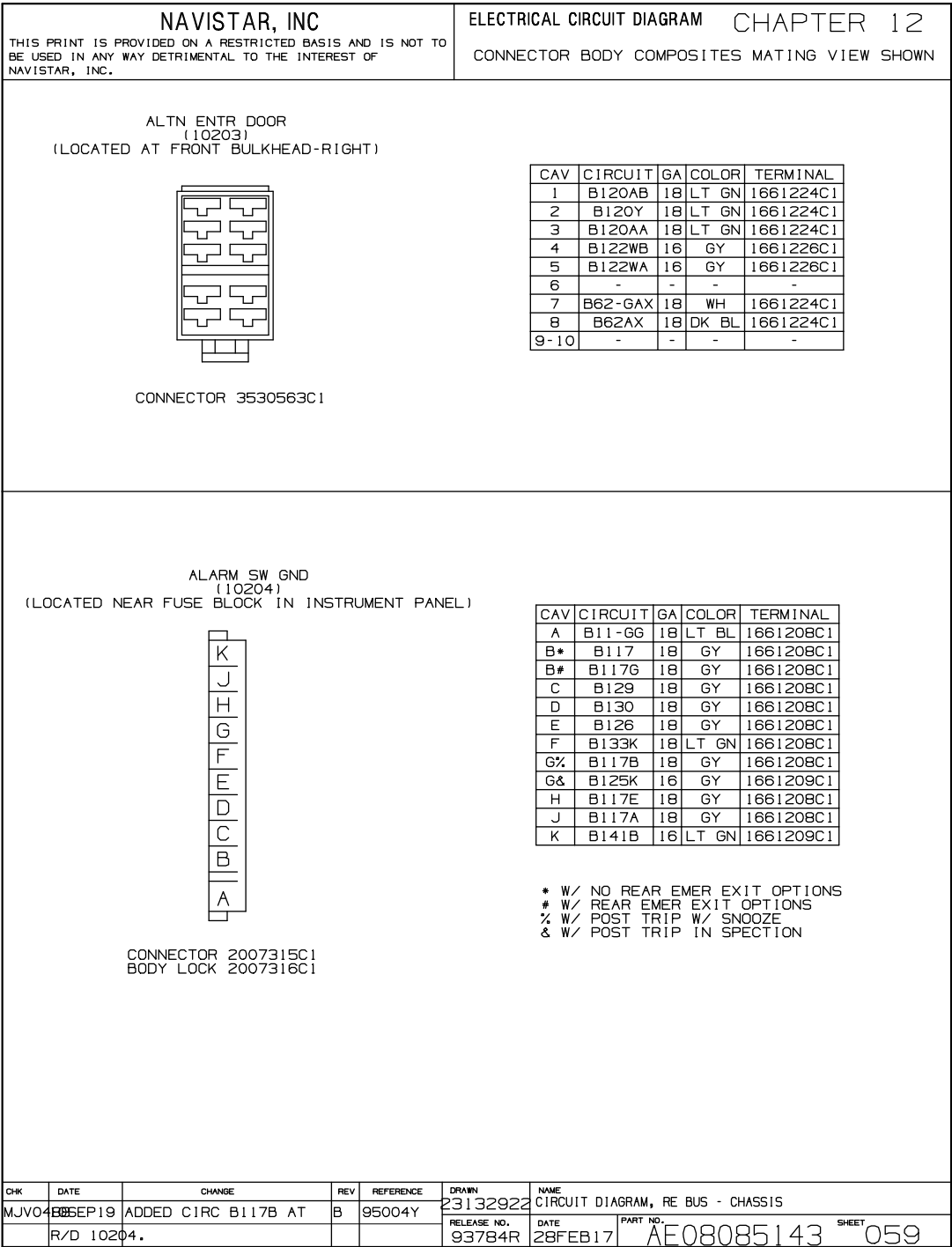


Figure 174 Connector Body Composites (10203, 10204)

12.64. CONNECTOR BODY COMPOSITES (10207A, 10208), P. 60

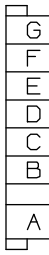
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																							
DRIVERS DOME LT (10207A) (LOCATED AT FRONT CAP)  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>GA</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A*</td><td>B63AL</td><td>18</td><td>DK BL</td><td>1661261C1</td></tr><tr><td>A#</td><td>B63AM</td><td>18</td><td>DK BL</td><td>1661261C1</td></tr><tr><td>B</td><td>B63-GAL</td><td>18</td><td>WH</td><td>1661261C1</td></tr></tbody></table> * W/ DRIVERS DOME OVERHEAD N/ RHEO # W/ DRIVERS DOME W/ RHEO										CAV	CIRCUIT	GA	COLOR	TERMINAL	A*	B63AL	18	DK BL	1661261C1	A#	B63AM	18	DK BL	1661261C1	B	B63-GAL	18	WH	1661261C1															
CAV	CIRCUIT	GA	COLOR	TERMINAL																																								
A*	B63AL	18	DK BL	1661261C1																																								
A#	B63AM	18	DK BL	1661261C1																																								
B	B63-GAL	18	WH	1661261C1																																								
CL LIGHT OPTIONS (10208) (LOCATED NEAR FLASHER PLATE)  CONNECTOR 2006789C1 BODY LOCK 2006792C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>B58F</td><td>16</td><td>BN</td><td>1661209C1</td></tr><tr><td>B</td><td>B58H</td><td>16</td><td>BN</td><td>1661209C1</td></tr><tr><td>C</td><td>B143</td><td>16</td><td>DK BL</td><td>1661209C1</td></tr><tr><td>D</td><td>B63AU</td><td>16</td><td>DK BL</td><td>1661209C1</td></tr><tr><td>E</td><td>B54M</td><td>16</td><td>BN</td><td>1661209C1</td></tr><tr><td>F-G</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>										CAV	CIRCUIT	GA	COLOR	TERMINAL	A	B58F	16	BN	1661209C1	B	B58H	16	BN	1661209C1	C	B143	16	DK BL	1661209C1	D	B63AU	16	DK BL	1661209C1	E	B54M	16	BN	1661209C1	F-G	-	-	-	-
CAV	CIRCUIT	GA	COLOR	TERMINAL																																								
A	B58F	16	BN	1661209C1																																								
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C	B143	16	DK BL	1661209C1																																								
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E	B54M	16	BN	1661209C1																																								
F-G	-	-	-	-																																								
<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>MJV04</td><td>28SEP19</td><td>REMOVED R/D 10209.</td><td>B</td><td>95004Y</td><td>23132922</td><td>CIRCUIT DIAGRAM, RE BUS - CHASSIS</td></tr><tr><td colspan="2"></td><td></td><td></td><td></td><td>RELEASE NO.</td><td>DATE</td><td>PART NO.</td><td>SHEET</td></tr><tr><td colspan="2"></td><td></td><td></td><td></td><td>93784R</td><td>28FEB17</td><td>AE08085143</td><td>060</td></tr></tbody></table>										CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	MJV04	28SEP19	REMOVED R/D 10209.	B	95004Y	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS						RELEASE NO.	DATE	PART NO.	SHEET						93784R	28FEB17	AE08085143	060			
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																						
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					RELEASE NO.	DATE	PART NO.	SHEET																																				
					93784R	28FEB17	AE08085143	060																																				

Figure 175 Connector Body Composites (10207A, 10208)

12.65. CONNECTOR BODY COMPOSITES (10210), P. 61

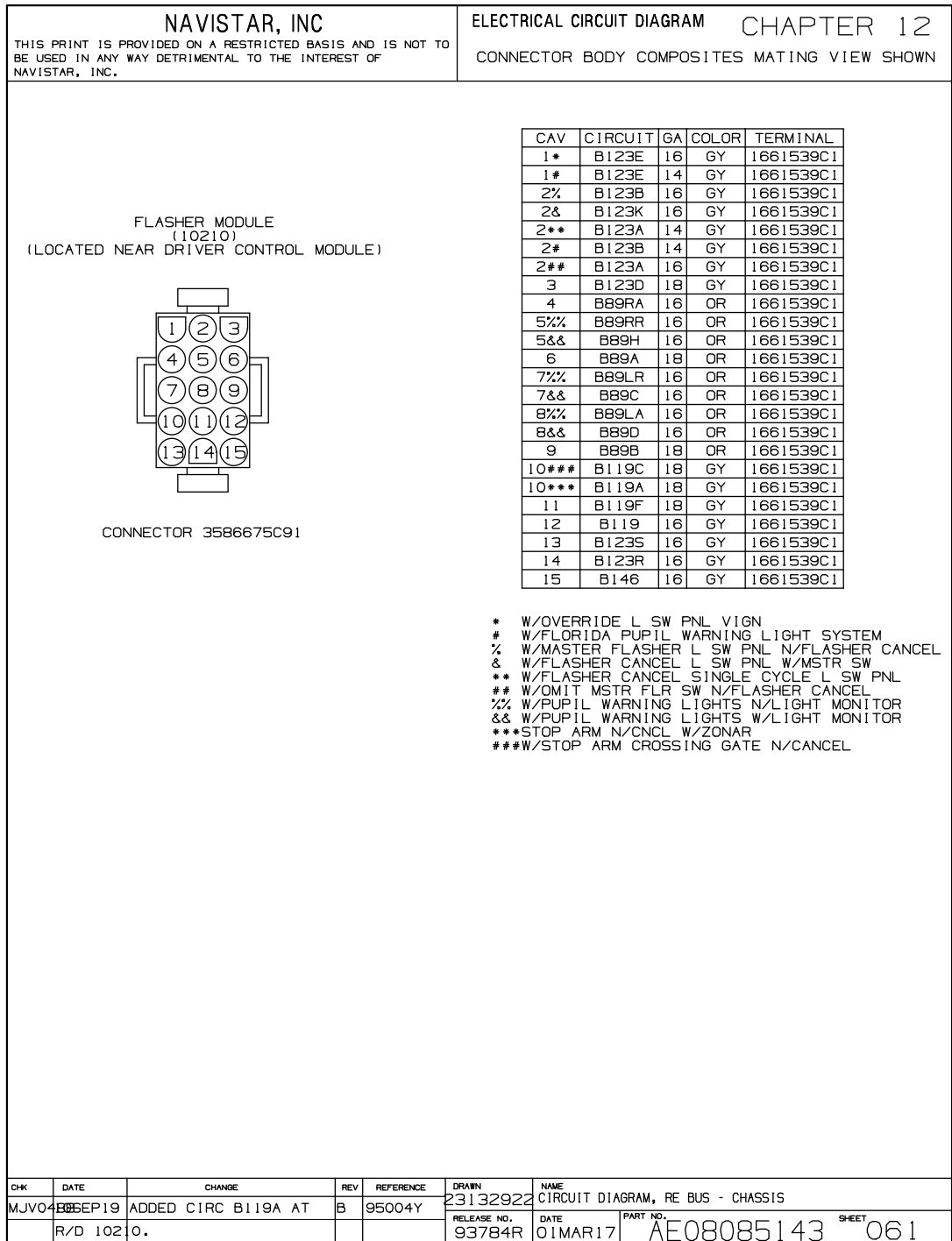


Figure 176 Connector Body Composites (10210)

Figure 177 Connector Body Composites (10212, 10213)

12.67. CONNECTOR BODY COMPOSITES (10214D, 10214L, 10215, 10216), P. 63

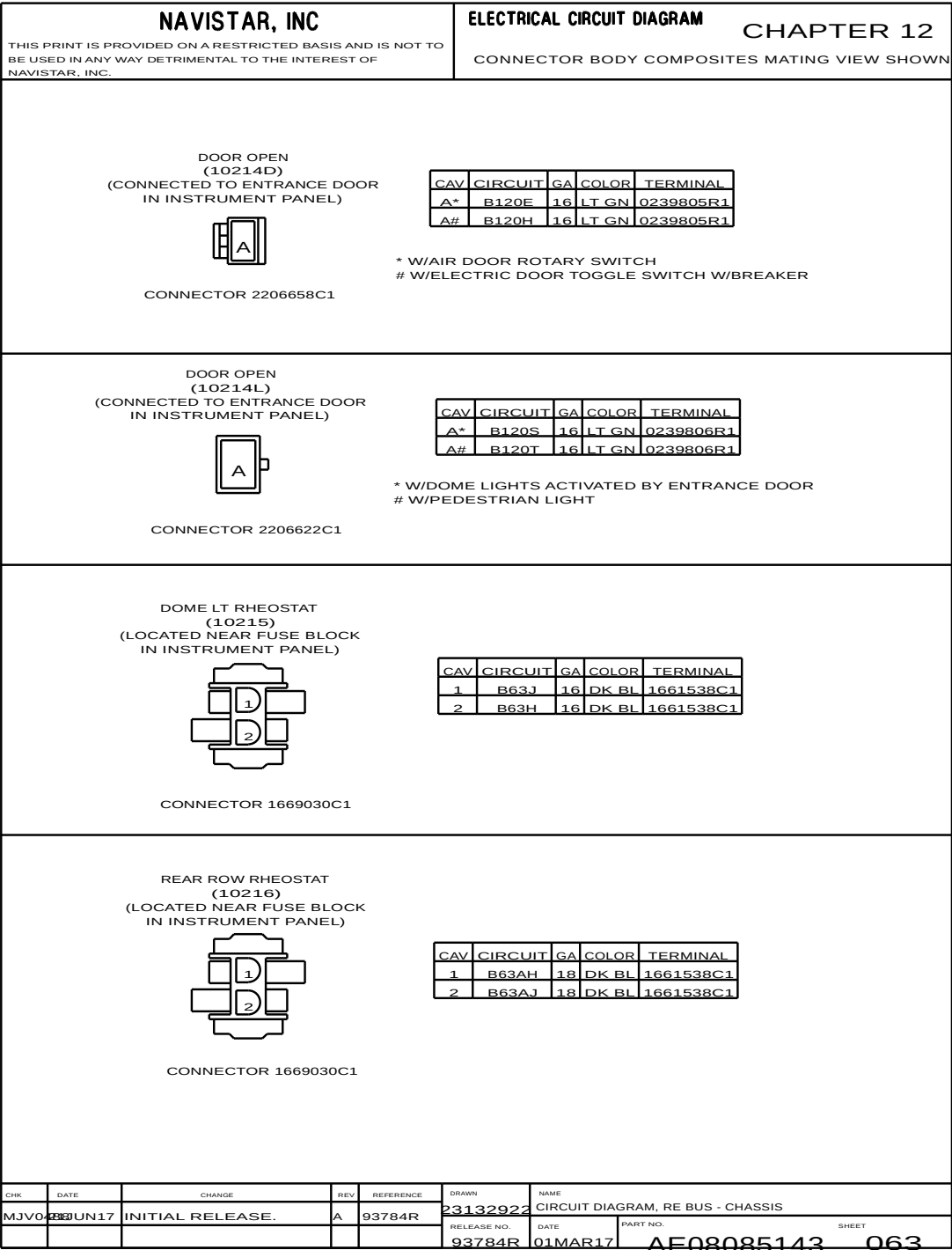


Figure 178 Connector Body Composites (10214D, 10214L, 10215, 10216)

12.68. CONNECTOR BODY COMPOSITES (10217, 10218, 10219), P. 64

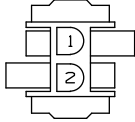
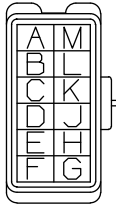
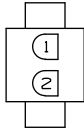
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																																																										
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DRIVER RHEOSTAT (10217) (LOCATED NEAR FUSE BLOCK IN INSTRUMENT PANEL)  CONNECTOR 1669030C1					<table border="1" style="width: 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>B63AL</td> <td>18</td> <td>DK BL</td> <td>1661538C1</td> </tr> <tr> <td>1#</td> <td>B63AL</td> <td>16</td> <td>DK BL</td> <td>1661538C1</td> </tr> <tr> <td>2</td> <td>B63AM</td> <td>18</td> <td>DK BL</td> <td>1661538C1</td> </tr> </tbody> </table> * W/ DRIVERS DOME W/ RHEO OVERHEAD # W/ DRIVERS DOME W/ RHEO L SW PNL					CAV	CIRCUIT	GA	COLOR	TERMINAL	1*	B63AL	18	DK BL	1661538C1	1#	B63AL	16	DK BL	1661538C1	2	B63AM	18	DK BL	1661538C1																																																		
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																																											
1*	B63AL	18	DK BL	1661538C1																																																																											
1#	B63AL	16	DK BL	1661538C1																																																																											
2	B63AM	18	DK BL	1661538C1																																																																											
FLASHER CONTROL (10218) (LOCATED AT LEFT SIDE OF INSTRUMENT PANEL)  CONNECTOR 3700745C1 BOSY LOCK 3700749C1					<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>B123</td> <td>16</td> <td>GY</td> <td>3534165C1</td> </tr> <tr> <td>B*</td> <td>B123A</td> <td>16</td> <td>GY</td> <td>3534165C1</td> </tr> <tr> <td>B#</td> <td>B123J</td> <td>16</td> <td>GY</td> <td>3534165C1</td> </tr> <tr> <td>C</td> <td>B123C</td> <td>16</td> <td>GY</td> <td>3534165C1</td> </tr> <tr> <td>D</td> <td>B123H</td> <td>16</td> <td>GY</td> <td>3534165C1</td> </tr> <tr> <td>E</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>F</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>G</td> <td>B123R</td> <td>16</td> <td>GY</td> <td>3534165C1</td> </tr> <tr> <td>H</td> <td>B123S</td> <td>16</td> <td>GY</td> <td>3534165C1</td> </tr> <tr> <td>J</td> <td>B123P</td> <td>16</td> <td>GY</td> <td>3534165C1</td> </tr> <tr> <td>K</td> <td>B123F</td> <td>16</td> <td>GY</td> <td>3534165C1</td> </tr> <tr> <td>L</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>M</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> * W/ MASTER FLASHER OMIT N/ CANCEL # W/ FLASHER CANCEL PWR N/ MSTR DISC					CAV	CIRCUIT	GA	COLOR	TERMINAL	A	B123	16	GY	3534165C1	B*	B123A	16	GY	3534165C1	B#	B123J	16	GY	3534165C1	C	B123C	16	GY	3534165C1	D	B123H	16	GY	3534165C1	E	-	-	-	-	F	-	-	-	-	G	B123R	16	GY	3534165C1	H	B123S	16	GY	3534165C1	J	B123P	16	GY	3534165C1	K	B123F	16	GY	3534165C1	L	-	-	-	-	M	-	-	-	-
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																																											
A	B123	16	GY	3534165C1																																																																											
B*	B123A	16	GY	3534165C1																																																																											
B#	B123J	16	GY	3534165C1																																																																											
C	B123C	16	GY	3534165C1																																																																											
D	B123H	16	GY	3534165C1																																																																											
E	-	-	-	-																																																																											
F	-	-	-	-																																																																											
G	B123R	16	GY	3534165C1																																																																											
H	B123S	16	GY	3534165C1																																																																											
J	B123P	16	GY	3534165C1																																																																											
K	B123F	16	GY	3534165C1																																																																											
L	-	-	-	-																																																																											
M	-	-	-	-																																																																											
STOP ARM SOLENOID (10219) (LOCATED NEAR DRIVER TOP)  CONNECTOR 1669029C1					<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>B119E</td> <td>18</td> <td>GY</td> <td>1661539C1</td> </tr> <tr> <td>1#</td> <td>B119E</td> <td>16</td> <td>GY</td> <td>1661539C1</td> </tr> <tr> <td>1&</td> <td>B119ZE</td> <td>18</td> <td>GY</td> <td>1661539C1</td> </tr> <tr> <td>2&</td> <td>B119-GY</td> <td>18</td> <td>WH</td> <td>1661539C1</td> </tr> <tr> <td>2*</td> <td>B119-GE</td> <td>18</td> <td>WH</td> <td>1661539C1</td> </tr> </tbody> </table> * W/ STOP ARM EXTEND N/CANCEL # W/ STOP ARM W/ CANCEL OVERHEAD & W/ STOP ARM N/CANCEL W/ZONAR					CAV	CIRCUIT	GA	COLOR	TERMINAL	1*	B119E	18	GY	1661539C1	1#	B119E	16	GY	1661539C1	1&	B119ZE	18	GY	1661539C1	2&	B119-GY	18	WH	1661539C1	2*	B119-GE	18	WH	1661539C1																																								
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																																											
1*	B119E	18	GY	1661539C1																																																																											
1#	B119E	16	GY	1661539C1																																																																											
1&	B119ZE	18	GY	1661539C1																																																																											
2&	B119-GY	18	WH	1661539C1																																																																											
2*	B119-GE	18	WH	1661539C1																																																																											
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Figure 179 Connector Body Composites (10217, 10218, 10219)

12.69. CONNECTOR BODY COMPOSITES (10220, 10221, 10224), P. 65

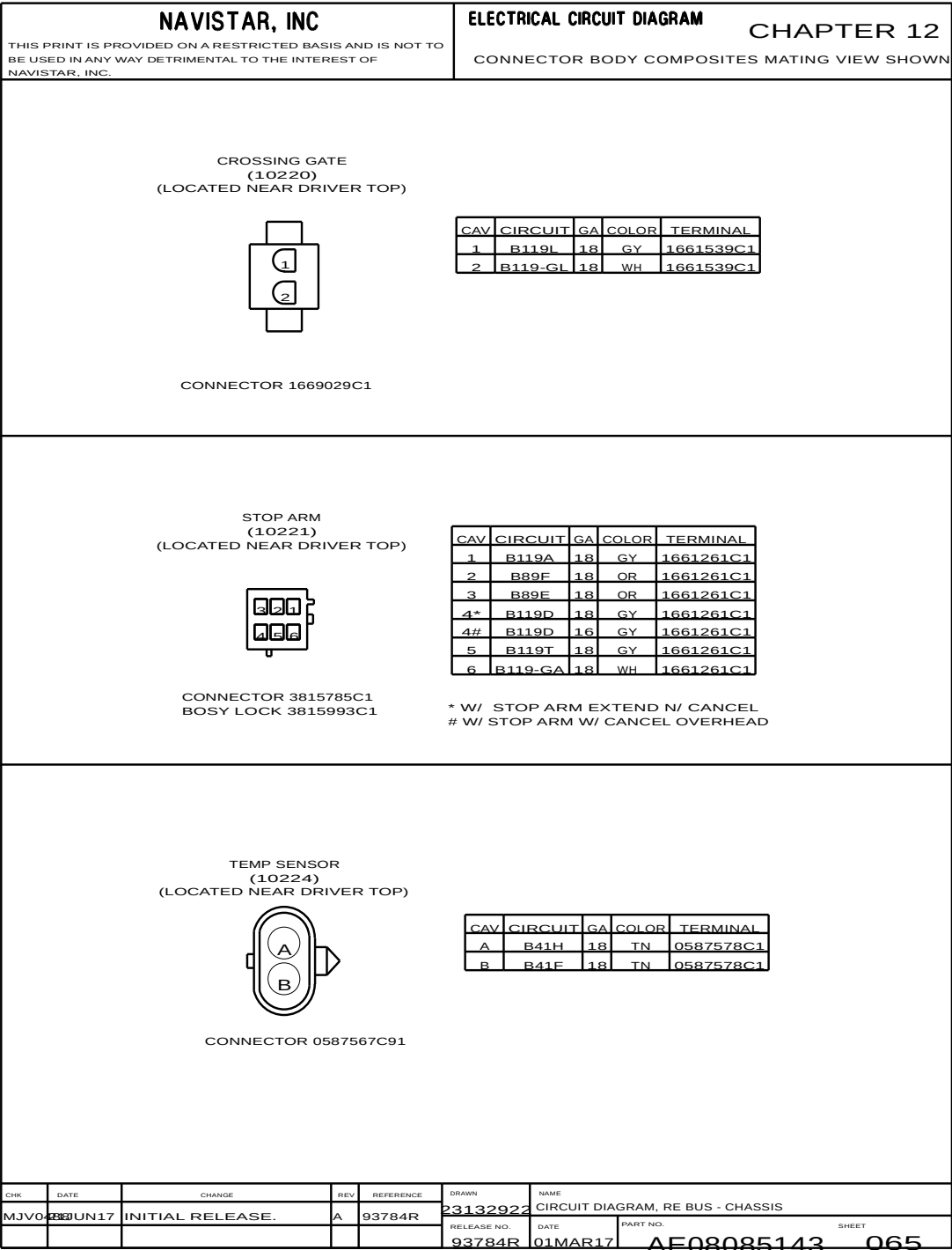


Figure 180 Connector Body Composites (10220, 10221, 10224)

12.70. CONNECTOR BODY COMPOSITES (10226), P. 66

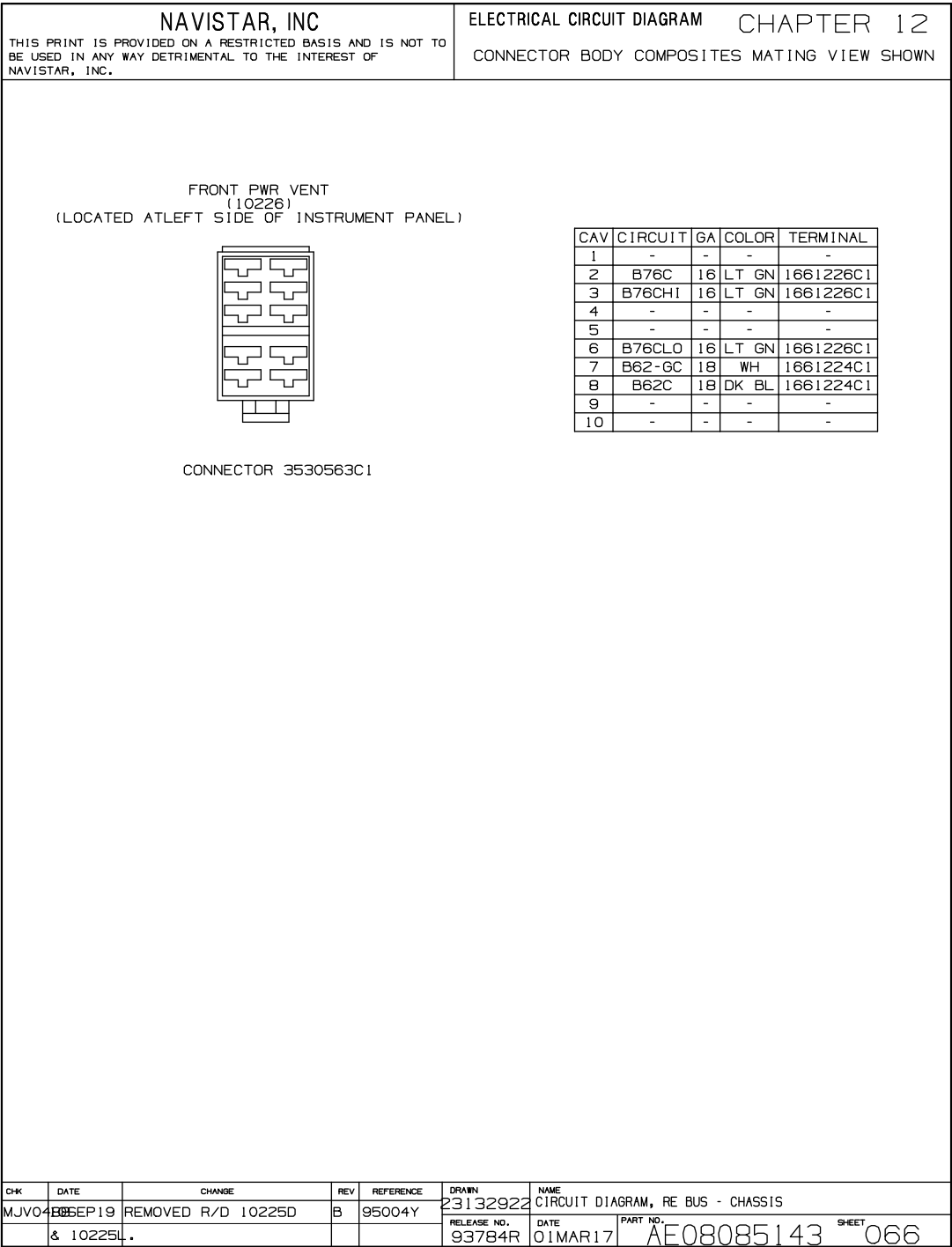


Figure 181 Connector Body Composites (10226)

12.71. CONNECTOR BODY COMPOSITES (10227, 10228), P. 67

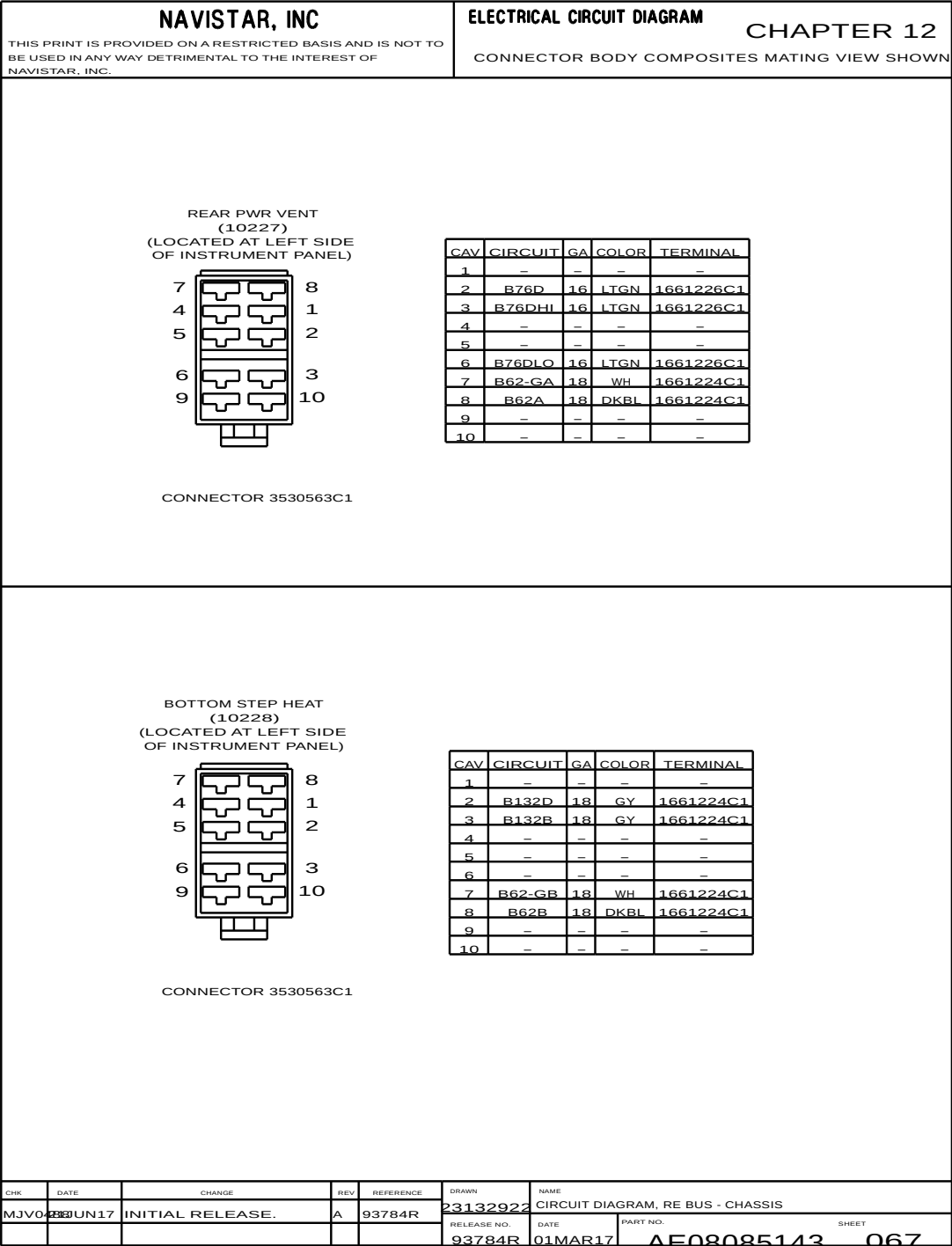


Figure 182 Connector Body Composites (10227, 10228)

12.72. CONNECTOR BODY COMPOSITES (10229, 10230A), P. 68

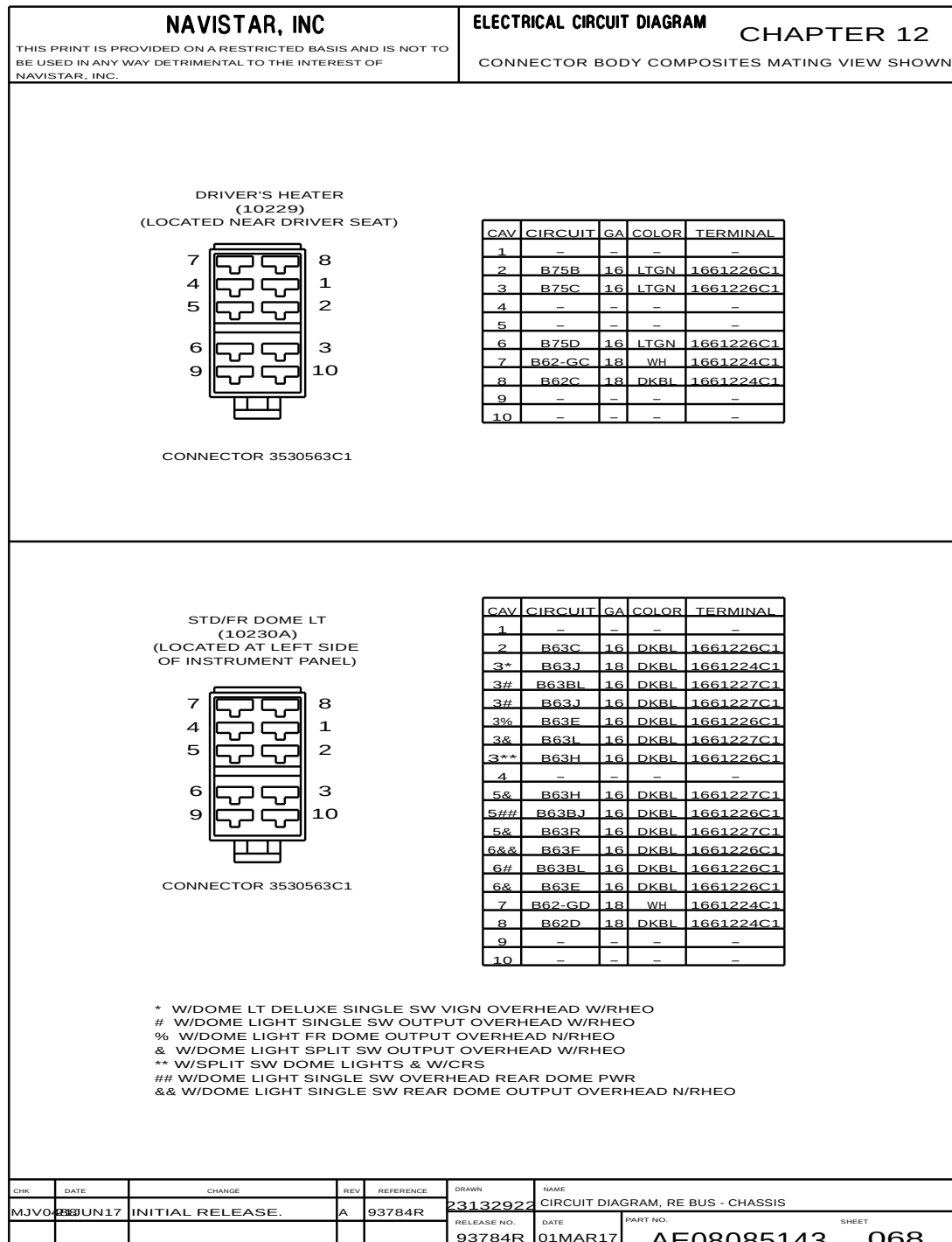


Figure 183 Connector Body Composites (10229, 10230A)

12.73. CONNECTOR BODY COMPOSITES (10230B, 10231A), P. 69

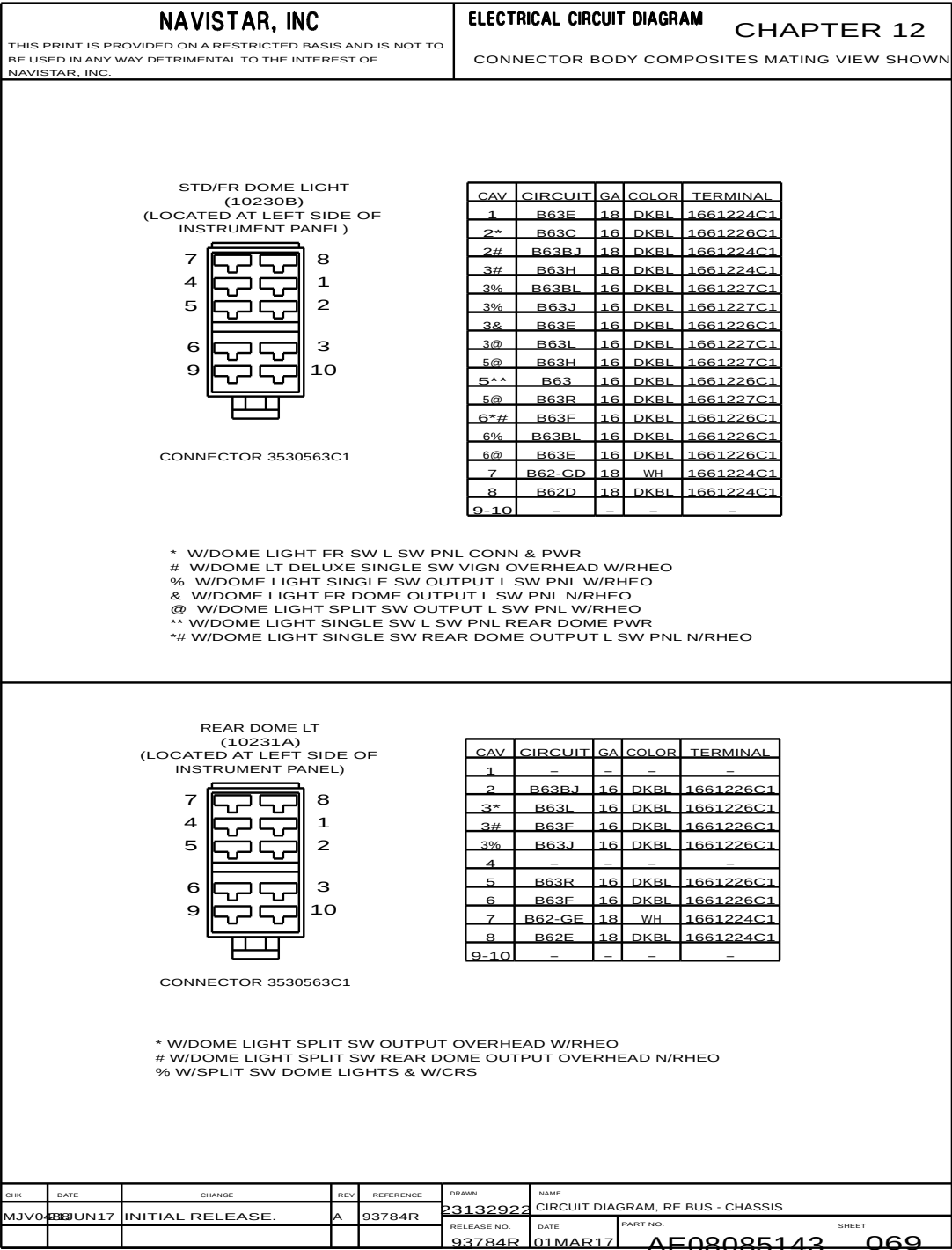


Figure 184 Connector Body Composites (10230B, 10231A)

12.74. CONNECTOR BODY COMPOSITES (10231B, 10232A, 10232B), P. 70

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 12

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

REAR DOME LT
(10231B)
(LOCATED AT LEFT SIDE OF INSTRUMENT PANEL)

7

4

5

6

9

8

1

2

3

10

CONNECTOR 3530563C1

* W/DOME LIGHT SPLIT SW OUTPUT L SW PNL W/RHEO

W/DOME LIGHT SPLIT SW REAR DOME OUTPUT L SW PNL N/RHEO

CAV	CIRCUIT	GA	COLOR	TERMINAL
1	-	-	-	-
2	B63BJ	16	DKBL	1661226C1
3*	B63L	16	DKBL	1661226C1
3#	B63F	16	DKBL	1661226C1
4	-	-	-	-
5	B63R	16	DKBL	1661226C1
6	B63F	16	DKBL	1661226C1
7	B62-GE	18	WH	1661224C1
8	B62E	18	DKBL	1661224C1
9-10	-	-	-	-

ACTIVITY DOME LT
(10232A)
(LOCATED AT LEFT SIDE OF INSTRUMENT PANEL)

7

4

5

6

9

8

1

2

3

10

CONNECTOR 3530563C1

CAV	CIRCUIT	GA	COLOR	TERMINAL
1	-	-	-	-
2	B63AD	16	DKBL	1661226C1
3	B63AE	18	DKBL	1661224C1
4	-	-	-	-
5	B63BA	18	DKBL	1661224C1
6	-	-	-	-
7	B62-GE	18	WH	1661224C1
8	B62F	18	DKBL	1661224C1
9-10	-	-	-	-

ACTIVITY DOME LIGHT
(10232B)
(LOCATED AT LEFT SIDE OF INSTRUMENT PANEL)

7

4

5

6

9

8

1

2

3

10

CONNECTOR 3530563C1

CAV	CIRCUIT	GA	COLOR	TERMINAL
1	-	-	-	-
2	B63AD	16	DKBL	1661226C1
3	B63AE	18	DKBL	1661224C1
4	-	-	-	-
5	B63BB	18	DKBL	1661224C1
6	-	-	-	-
7	B62-GE	18	WH	1661224C1
8	B62F	18	DKBL	1661224C1
9-10	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJVO	03 JUN 17	INITIAL RELEASE.	A	93784R	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS
					RELEASE NO.	DATE
					93784R	01 MAR 17
					PART NO.	AE08085143
						070

Figure 185 Connector Body Composites (10231B, 10232A, 10232B)

12.75. CONNECTOR BODY COMPOSITES (10233A, 10233B, 10234A), P. 71

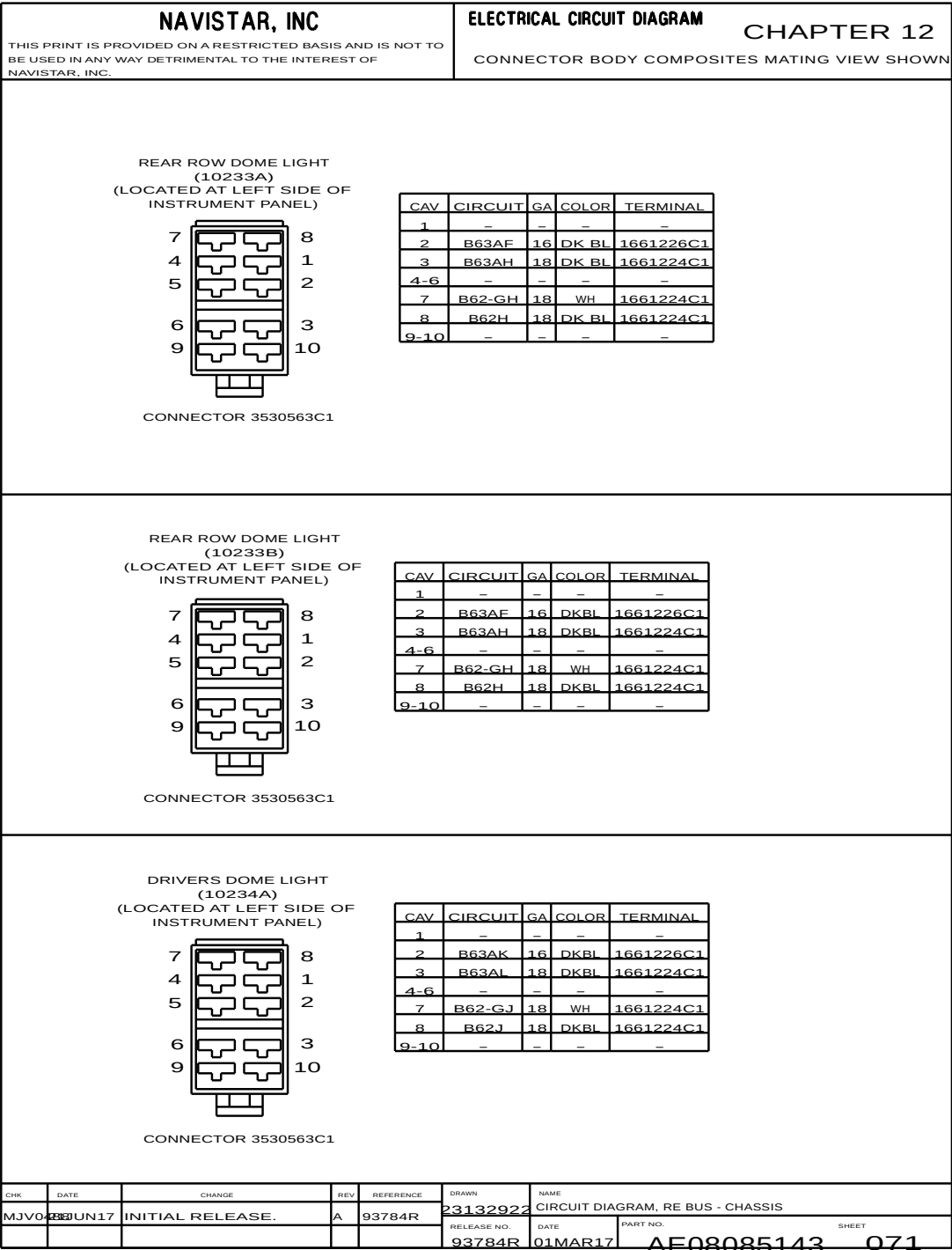


Figure 186 Connector Body Composites (10233A, 10233B, 10234A)

12.76. CONNECTOR BODY COMPOSITES (10234B, 10235, 10236), P. 72

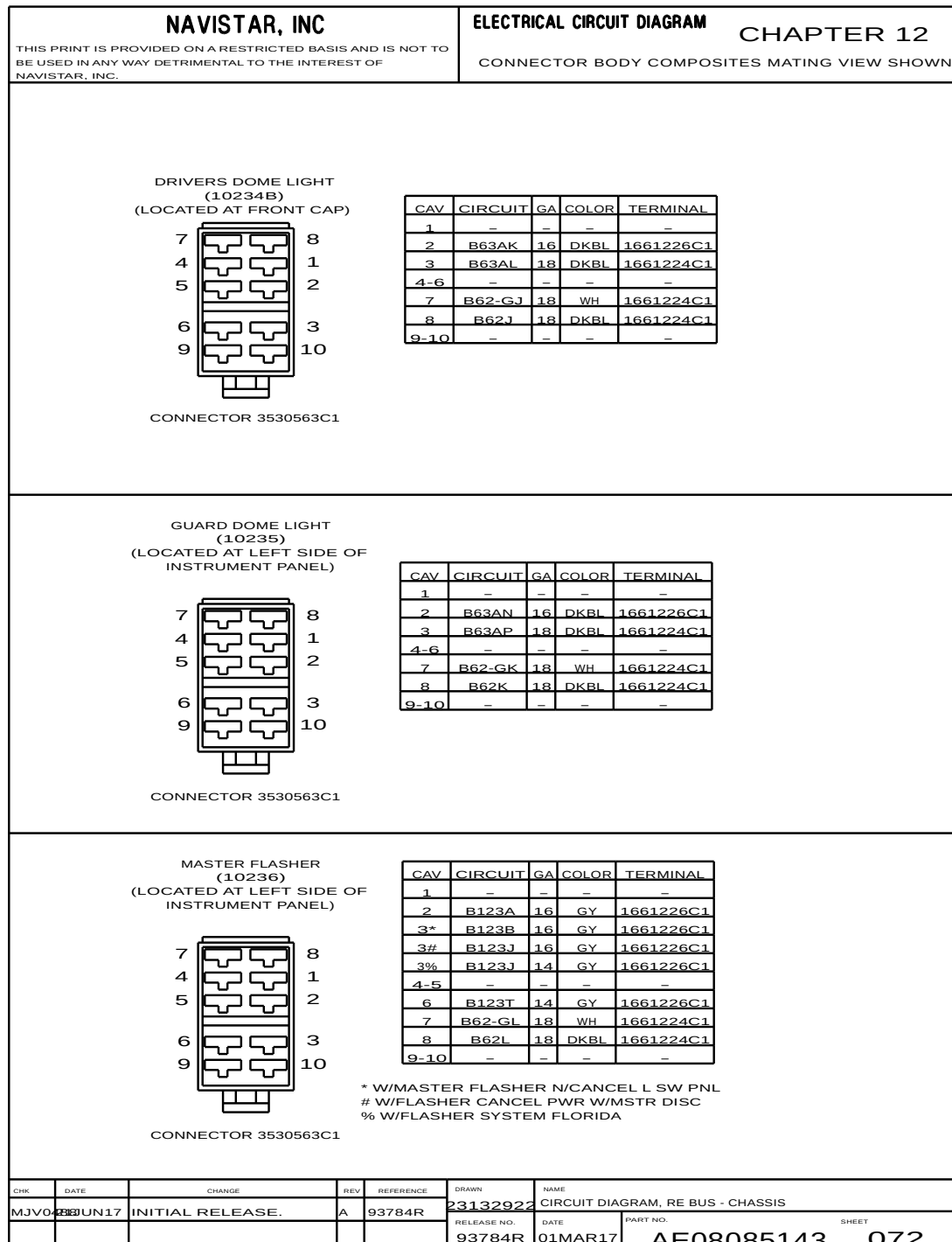


Figure 187 Connector Body Composites (10234B, 10235, 10236)

12.77. CONNECTOR BODY COMPOSITES (10237, 10238, 10239), P. 73

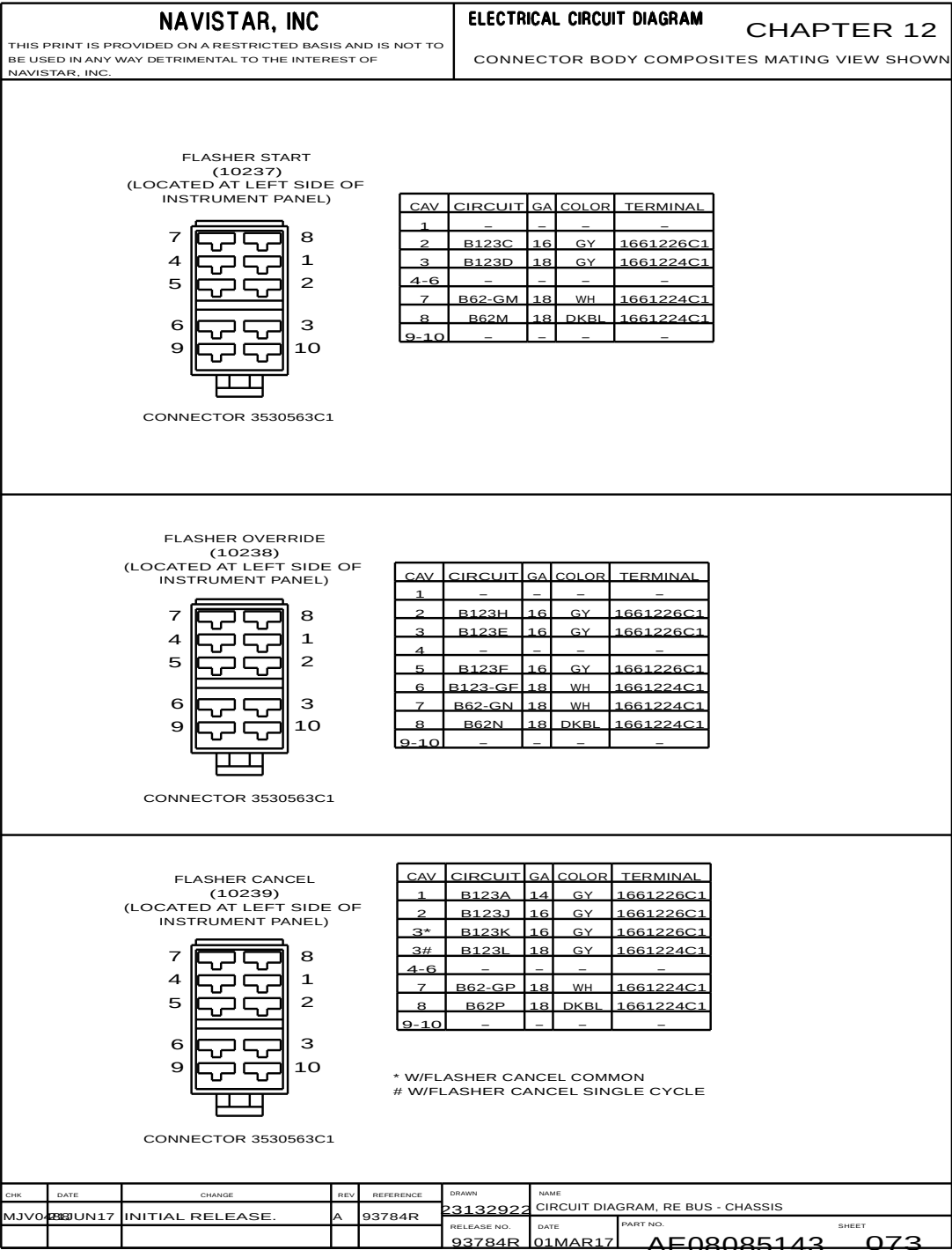


Figure 188 Connector Body Composites (10237, 10238, 10239)

12.78. CONNECTOR BODY COMPOSITES (10240, 10241A, 10241B), P. 74

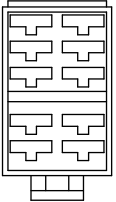
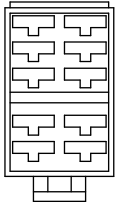
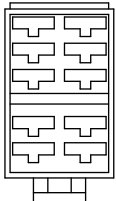
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FLASHER CONTROL (10240) (LOCATED AT LEFT SIDE OF INSTRUMENT PANEL)  CONNECTOR 3530563C1					<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>B119S</td><td>18</td><td>GY</td><td>1661224C1</td></tr><tr><td>2</td><td>B123T</td><td>14</td><td>GY</td><td>1661226C1</td></tr><tr><td>3</td><td>B123U</td><td>14</td><td>GY</td><td>1661226C1</td></tr><tr><td>4</td><td>B123F</td><td>16</td><td>GY</td><td>1661226C1</td></tr><tr><td>5</td><td>B123-GF</td><td>18</td><td>WH</td><td>1661224C1</td></tr><tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>7</td><td>B62-GR</td><td>18</td><td>WH</td><td>1661224C1</td></tr><tr><td>8</td><td>B62R</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr><tr><td>9-10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>					CAV	CIRCUIT	GA	COLOR	TERMINAL	1	B119S	18	GY	1661224C1	2	B123T	14	GY	1661226C1	3	B123U	14	GY	1661226C1	4	B123F	16	GY	1661226C1	5	B123-GF	18	WH	1661224C1	6	-	-	-	-	7	B62-GR	18	WH	1661224C1	8	B62R	18	DKBL	1661224C1	9-10	-	-	-	-
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																							
1	B119S	18	GY	1661224C1																																																							
2	B123T	14	GY	1661226C1																																																							
3	B123U	14	GY	1661226C1																																																							
4	B123F	16	GY	1661226C1																																																							
5	B123-GF	18	WH	1661224C1																																																							
6	-	-	-	-																																																							
7	B62-GR	18	WH	1661224C1																																																							
8	B62R	18	DKBL	1661224C1																																																							
9-10	-	-	-	-																																																							
STOP ARM CANCEL (10241A) (LOCATED AT LEFT SIDE OF INSTRUMENT PANEL)  CONNECTOR 3530563C1					<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>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>2</td><td>B119H</td><td>18</td><td>GY</td><td>1661224C1</td></tr><tr><td>3</td><td>B119J</td><td>18</td><td>GY</td><td>1661224C1</td></tr><tr><td>4-6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>7</td><td>B62-GS</td><td>18</td><td>WH</td><td>1661224C1</td></tr><tr><td>8</td><td>B62S</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr><tr><td>9-10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>					CAV	CIRCUIT	GA	COLOR	TERMINAL	1	-	-	-	-	2	B119H	18	GY	1661224C1	3	B119J	18	GY	1661224C1	4-6	-	-	-	-	7	B62-GS	18	WH	1661224C1	8	B62S	18	DKBL	1661224C1	9-10	-	-	-	-										
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																							
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3	B119J	18	GY	1661224C1																																																							
4-6	-	-	-	-																																																							
7	B62-GS	18	WH	1661224C1																																																							
8	B62S	18	DKBL	1661224C1																																																							
9-10	-	-	-	-																																																							
STOP ARM CANCEL (10241B) (LOCATED AT LEFT SIDE OF INSTRUMENT PANEL)  CONNECTOR 3530563C1					<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>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>2</td><td>B119H</td><td>18</td><td>GY</td><td>1661224C1</td></tr><tr><td>3</td><td>B119J</td><td>18</td><td>GY</td><td>1661224C1</td></tr><tr><td>4-6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>7</td><td>B62-GS</td><td>18</td><td>WH</td><td>1661224C1</td></tr><tr><td>7*</td><td>B62-GZ</td><td>18</td><td>WH</td><td>1661224C1</td></tr><tr><td>8</td><td>B62S</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr><tr><td>9-10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table> * W/POST TRIP W/SNOOZE					CAV	CIRCUIT	GA	COLOR	TERMINAL	1	-	-	-	-	2	B119H	18	GY	1661224C1	3	B119J	18	GY	1661224C1	4-6	-	-	-	-	7	B62-GS	18	WH	1661224C1	7*	B62-GZ	18	WH	1661224C1	8	B62S	18	DKBL	1661224C1	9-10	-	-	-	-					
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																							
1	-	-	-	-																																																							
2	B119H	18	GY	1661224C1																																																							
3	B119J	18	GY	1661224C1																																																							
4-6	-	-	-	-																																																							
7	B62-GS	18	WH	1661224C1																																																							
7*	B62-GZ	18	WH	1661224C1																																																							
8	B62S	18	DKBL	1661224C1																																																							
9-10	-	-	-	-																																																							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																					
MJVO	08SEP19	ADDED CIRC B62-GZ	B	95004Y	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS																																																					
	AT R/D	0241B.			RELEASE NO. 93784R	DATE 01MAR17	PART NO. AE08085143	SHEET 074																																																			

Figure 189 Connector Body Composites (10240, 10241A, 10241B)

12.79. CONNECTOR BODY COMPOSITES (10242, 10243, 10243B), P. 75

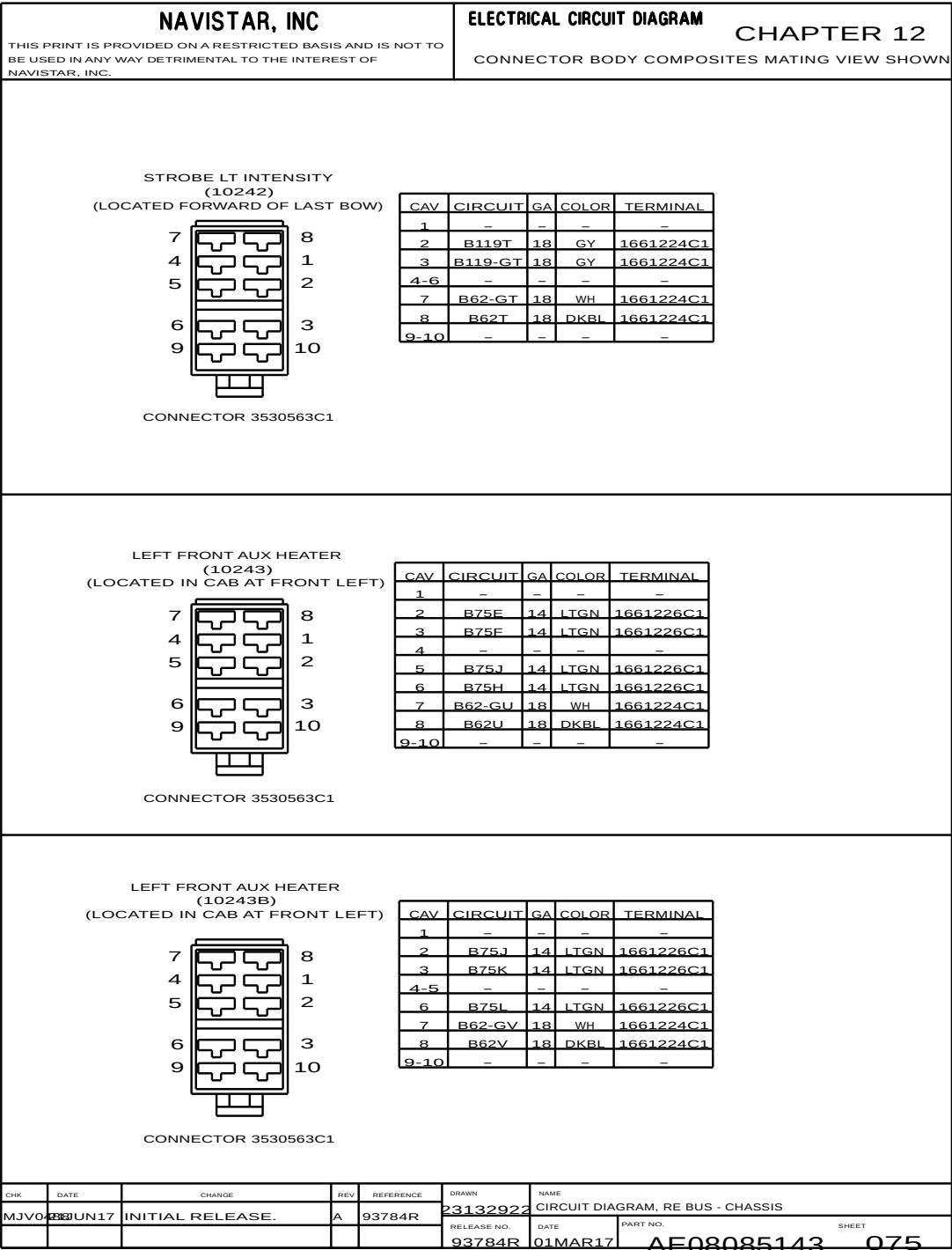


Figure 190 Connector Body Composites (10242, 10243, 10243B)

12.80. CONNECTOR BODY COMPOSITES (10244, 10244B, 10245), P. 76

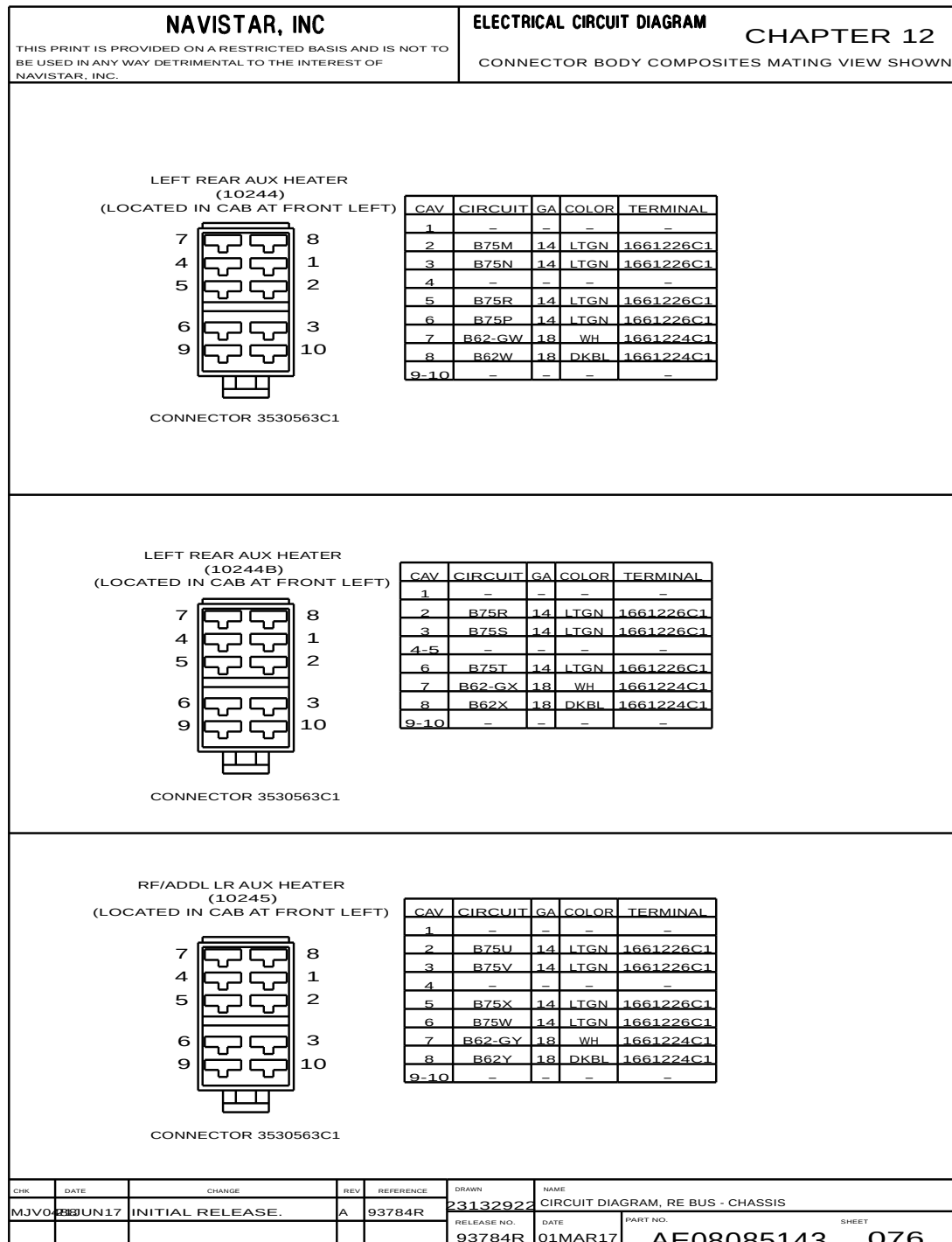


Figure 191 Connector Body Composites

12.81. CONNECTOR BODY COMPOSITES (10245B, 10246, 10246B), P. 77

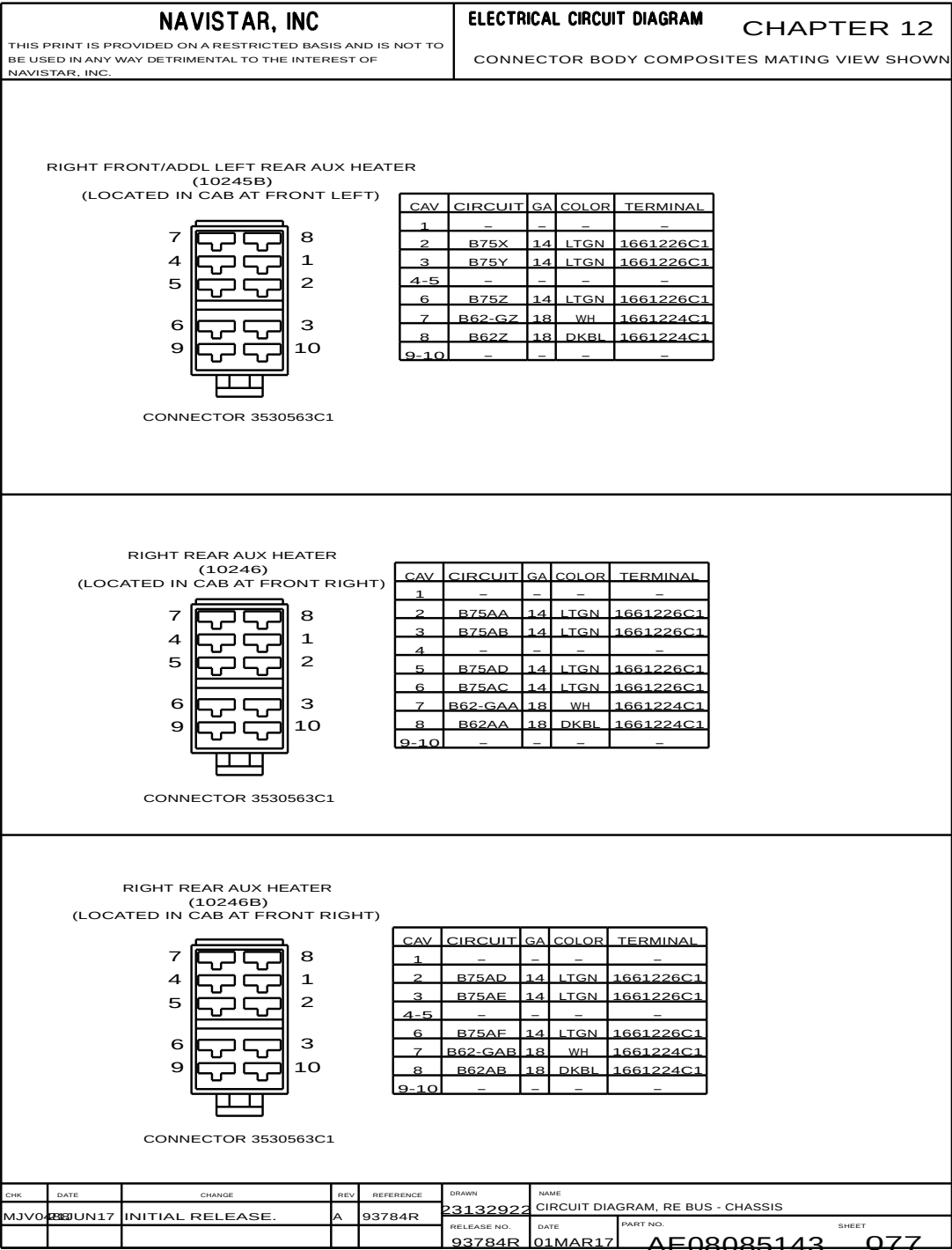


Figure 192 Connector Body Composites (10245B, 10246, 10246B)

12.82. CONNECTOR BODY COMPOSITES (10247, 10248, 10249, 10250), P. 78

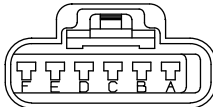
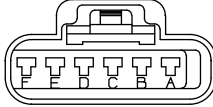
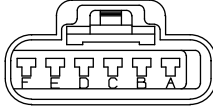
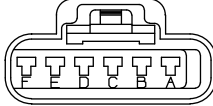
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 12																																																										
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																														
LEFT FRONT AUX HEATER (10247) (LOCATED IN CAB AT FRONT LEFT)				<table><tr><th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th></tr><tr><td>A</td><td>B75H</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>A</td><td>B75AA</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>C</td><td>B75L</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>C</td><td>B75AB</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>D</td><td>B75F</td><td>14</td><td>LTGN</td><td>3544876C1</td></tr><tr><td>D</td><td>B75AC</td><td>16</td><td>LTGN</td><td>3544876C1</td></tr><tr><td>E</td><td>B75-G</td><td>14</td><td>WH</td><td>3544877C1</td></tr><tr><td>F</td><td>B75K</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>F</td><td>B75AD</td><td>16</td><td>LTGN</td><td>3544876C1</td></tr></table>								CAV	CIRCUIT	GA	COLOR	TERMINAL	A	B75H	14	LTGN	3544877C1	A	B75AA	14	LTGN	3544877C1	B	-	-	-	-	C	B75L	14	LTGN	3544877C1	C	B75AB	14	LTGN	3544877C1	D	B75F	14	LTGN	3544876C1	D	B75AC	16	LTGN	3544876C1	E	B75-G	14	WH	3544877C1	F	B75K	14	LTGN	3544877C1	F	B75AD	16	LTGN	3544876C1
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																														
A	B75H	14	LTGN	3544877C1																																																														
A	B75AA	14	LTGN	3544877C1																																																														
B	-	-	-	-																																																														
C	B75L	14	LTGN	3544877C1																																																														
C	B75AB	14	LTGN	3544877C1																																																														
D	B75F	14	LTGN	3544876C1																																																														
D	B75AC	16	LTGN	3544876C1																																																														
E	B75-G	14	WH	3544877C1																																																														
F	B75K	14	LTGN	3544877C1																																																														
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CONNECTOR 3550639C1																																																																		
LEFT REAR AUX HEATER (10248) (LOCATED IN CAB AT FRONT LEFT)				<table><tr><th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th></tr><tr><td>A</td><td>B75P</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>A</td><td>B75BA</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>C</td><td>B75T</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>C</td><td>B75BB</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>D</td><td>B75N</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>D</td><td>B75BC</td><td>16</td><td>LTGN</td><td>3544876C1</td></tr><tr><td>E</td><td>B75-G</td><td>14</td><td>WH</td><td>3544877C1</td></tr><tr><td>F</td><td>B75S</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>F</td><td>B75BD</td><td>16</td><td>LTGN</td><td>3544876C1</td></tr></table>								CAV	CIRCUIT	GA	COLOR	TERMINAL	A	B75P	14	LTGN	3544877C1	A	B75BA	14	LTGN	3544877C1	B	-	-	-	-	C	B75T	14	LTGN	3544877C1	C	B75BB	14	LTGN	3544877C1	D	B75N	14	LTGN	3544877C1	D	B75BC	16	LTGN	3544876C1	E	B75-G	14	WH	3544877C1	F	B75S	14	LTGN	3544877C1	F	B75BD	16	LTGN	3544876C1
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																														
A	B75P	14	LTGN	3544877C1																																																														
A	B75BA	14	LTGN	3544877C1																																																														
B	-	-	-	-																																																														
C	B75T	14	LTGN	3544877C1																																																														
C	B75BB	14	LTGN	3544877C1																																																														
D	B75N	14	LTGN	3544877C1																																																														
D	B75BC	16	LTGN	3544876C1																																																														
E	B75-G	14	WH	3544877C1																																																														
F	B75S	14	LTGN	3544877C1																																																														
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CONNECTOR 3550639C1																																																																		
RIGHT FRONT AUX HEATER (10249) (LOCATED IN CAB AT FRONT RIGHT)				<table><tr><th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th></tr><tr><td>A</td><td>B75W</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>A</td><td>B7CA</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>C</td><td>B75Z</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>C</td><td>B75CB</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>D</td><td>B75V</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>D</td><td>B75CC</td><td>16</td><td>LTGN</td><td>3544876C1</td></tr><tr><td>E</td><td>B75-G</td><td>14</td><td>WH</td><td>3544877C1</td></tr><tr><td>F</td><td>B75Y</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>F</td><td>B75CD</td><td>16</td><td>LTGN</td><td>3544876C1</td></tr></table>								CAV	CIRCUIT	GA	COLOR	TERMINAL	A	B75W	14	LTGN	3544877C1	A	B7CA	14	LTGN	3544877C1	B	-	-	-	-	C	B75Z	14	LTGN	3544877C1	C	B75CB	14	LTGN	3544877C1	D	B75V	14	LTGN	3544877C1	D	B75CC	16	LTGN	3544876C1	E	B75-G	14	WH	3544877C1	F	B75Y	14	LTGN	3544877C1	F	B75CD	16	LTGN	3544876C1
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																														
A	B75W	14	LTGN	3544877C1																																																														
A	B7CA	14	LTGN	3544877C1																																																														
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D	B75V	14	LTGN	3544877C1																																																														
D	B75CC	16	LTGN	3544876C1																																																														
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CONNECTOR 3550639C1																																																																		
RIGHT REAR AUX HEATER (10250) (LOCATED IN CAB AT FRONT RIGHT)				<table><tr><th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th></tr><tr><td>A</td><td>B75AC</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>A</td><td>B75DA</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>C</td><td>B75AF</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>C</td><td>B75DB</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>D</td><td>B75AB</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>D</td><td>B75DC</td><td>16</td><td>LTGN</td><td>3544876C1</td></tr><tr><td>E</td><td>B75-G</td><td>14</td><td>WH</td><td>3544877C1</td></tr><tr><td>F</td><td>B75AE</td><td>14</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>F</td><td>B75DD</td><td>16</td><td>LTGN</td><td>3544876C1</td></tr></table>								CAV	CIRCUIT	GA	COLOR	TERMINAL	A	B75AC	14	LTGN	3544877C1	A	B75DA	14	LTGN	3544877C1	B	-	-	-	-	C	B75AF	14	LTGN	3544877C1	C	B75DB	14	LTGN	3544877C1	D	B75AB	14	LTGN	3544877C1	D	B75DC	16	LTGN	3544876C1	E	B75-G	14	WH	3544877C1	F	B75AE	14	LTGN	3544877C1	F	B75DD	16	LTGN	3544876C1
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																														
A	B75AC	14	LTGN	3544877C1																																																														
A	B75DA	14	LTGN	3544877C1																																																														
B	-	-	-	-																																																														
C	B75AF	14	LTGN	3544877C1																																																														
C	B75DB	14	LTGN	3544877C1																																																														
D	B75AB	14	LTGN	3544877C1																																																														
D	B75DC	16	LTGN	3544876C1																																																														
E	B75-G	14	WH	3544877C1																																																														
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CONNECTOR 3550639C1																																																																		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																												
MJV04	08SEP19	REVISED AND REDRAWN.	B	95004Y	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS																																																												
					RELEASE NO.	DATE	PART NO.	SHEET																																																										
					93784R	01MAR17	AE08085143	078																																																										

Figure 193 Connector Body Composites (10247, 10248, 10249, 10250)

12.83. CONNECTOR BODY COMPOSITES (10252, 10253, 10254, 10255), P. 79

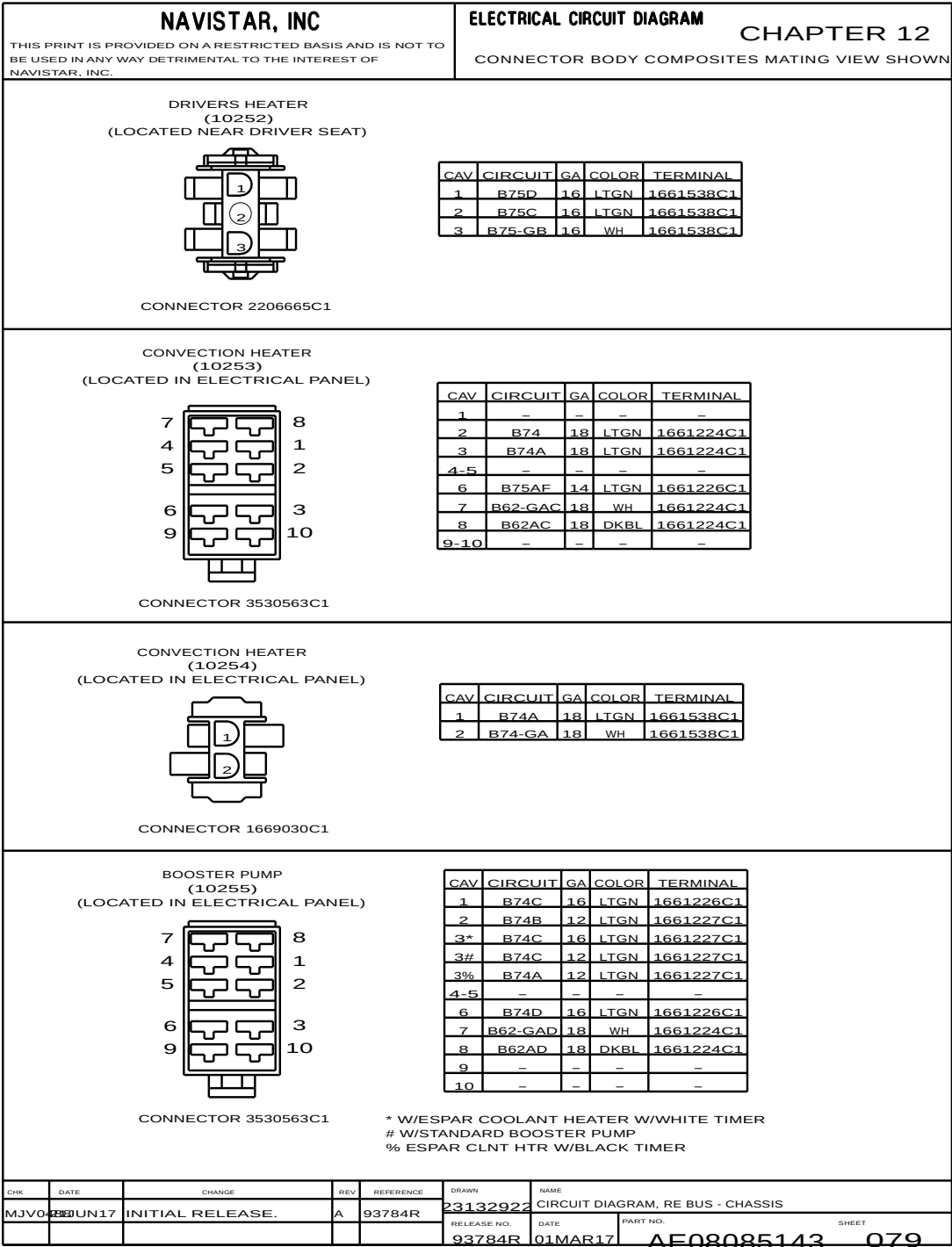


Figure 194 Connector Body Composites (10252, 10253, 10254, 10255)

12.84. CONNECTOR BODY COMPOSITES (10256. 10257, 10259), P. 80

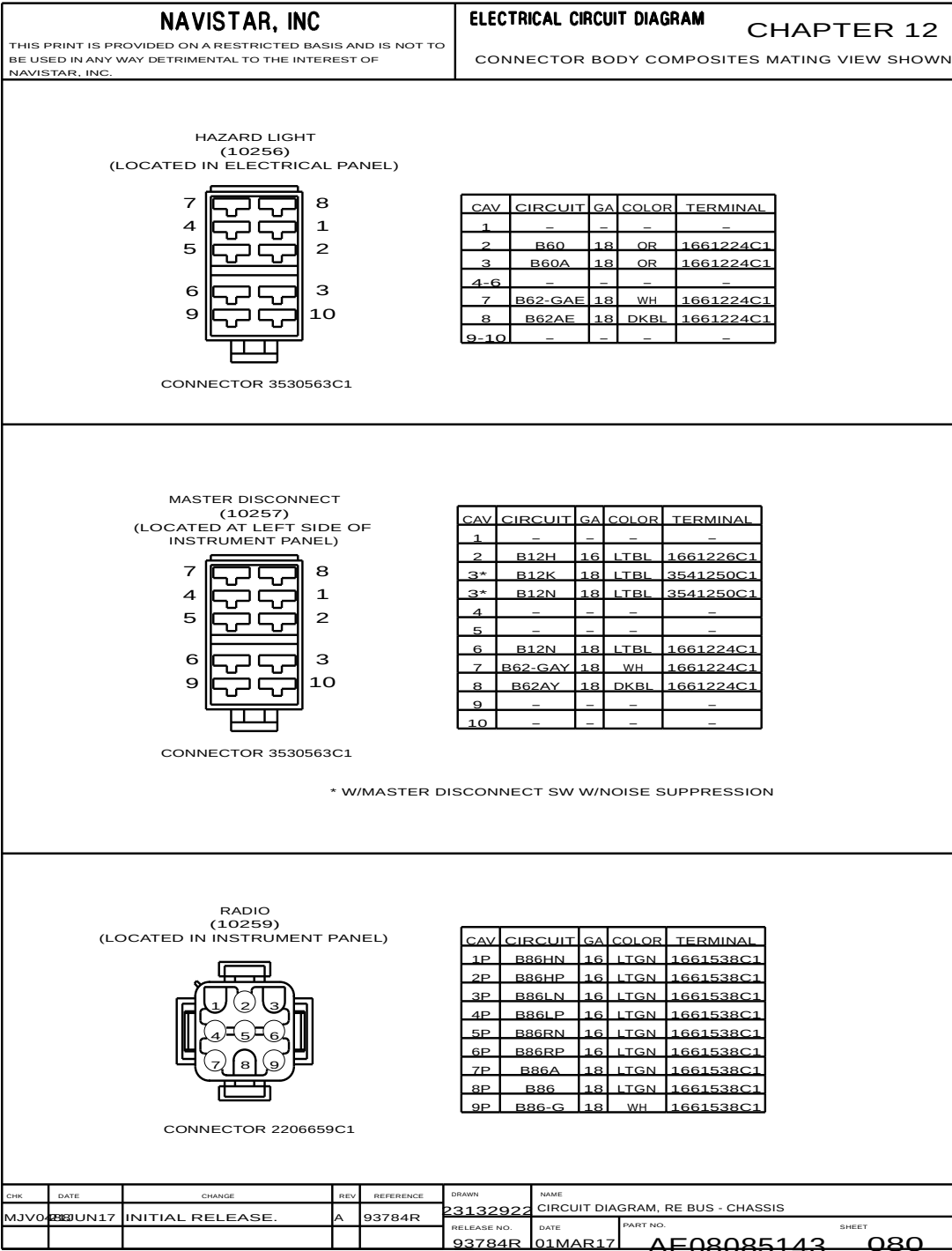


Figure 195 Connector Body Composites (10256. 10257, 10259)

12.85. CONNECTOR BODY COMPOSITES (10264, 10267, 10268), P. 81

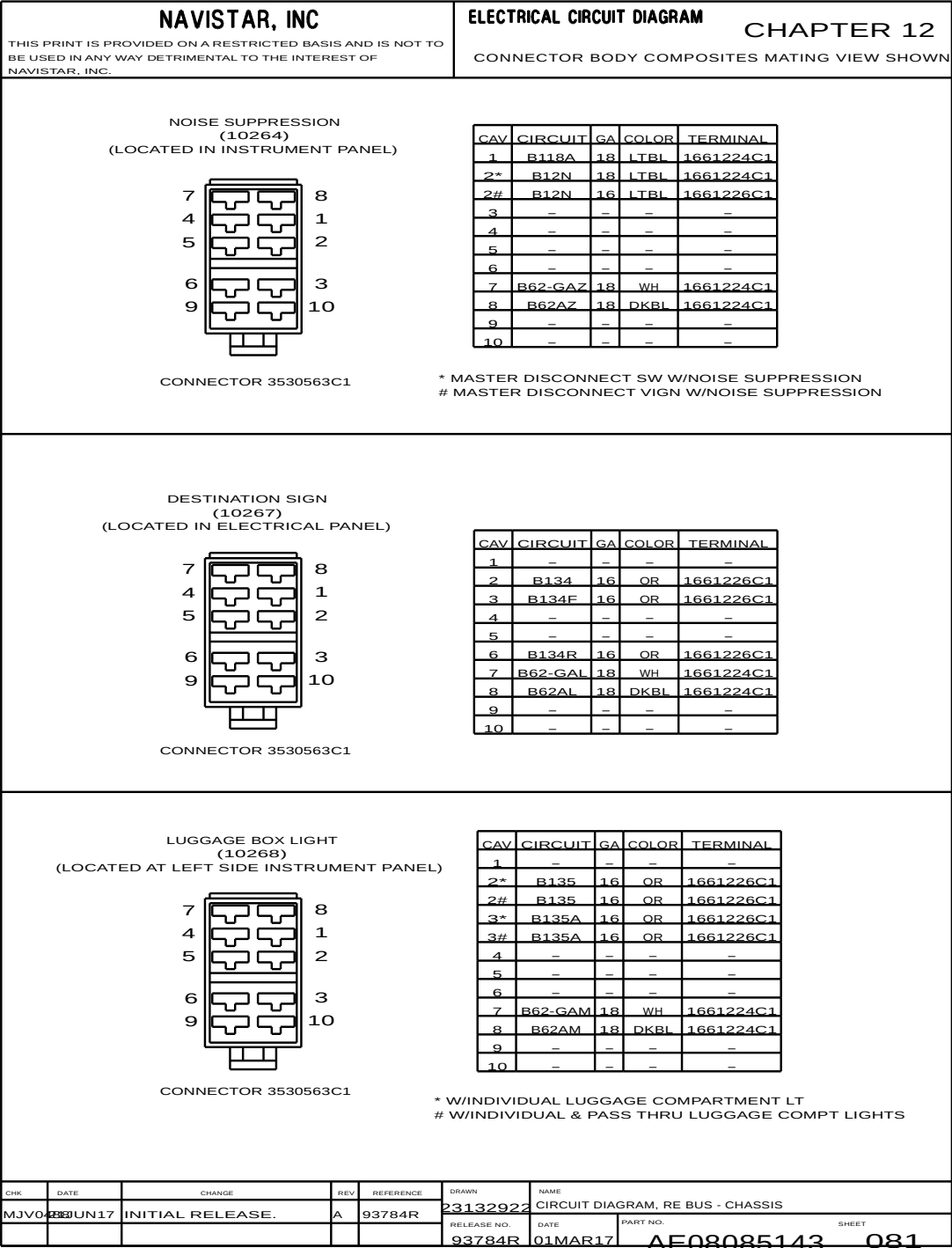


Figure 196 Connector Body Composites (10264, 10267, 10268)

12.86. CONNECTOR BODY COMPOSITES (10269, 10270A, 10270B), P. 82

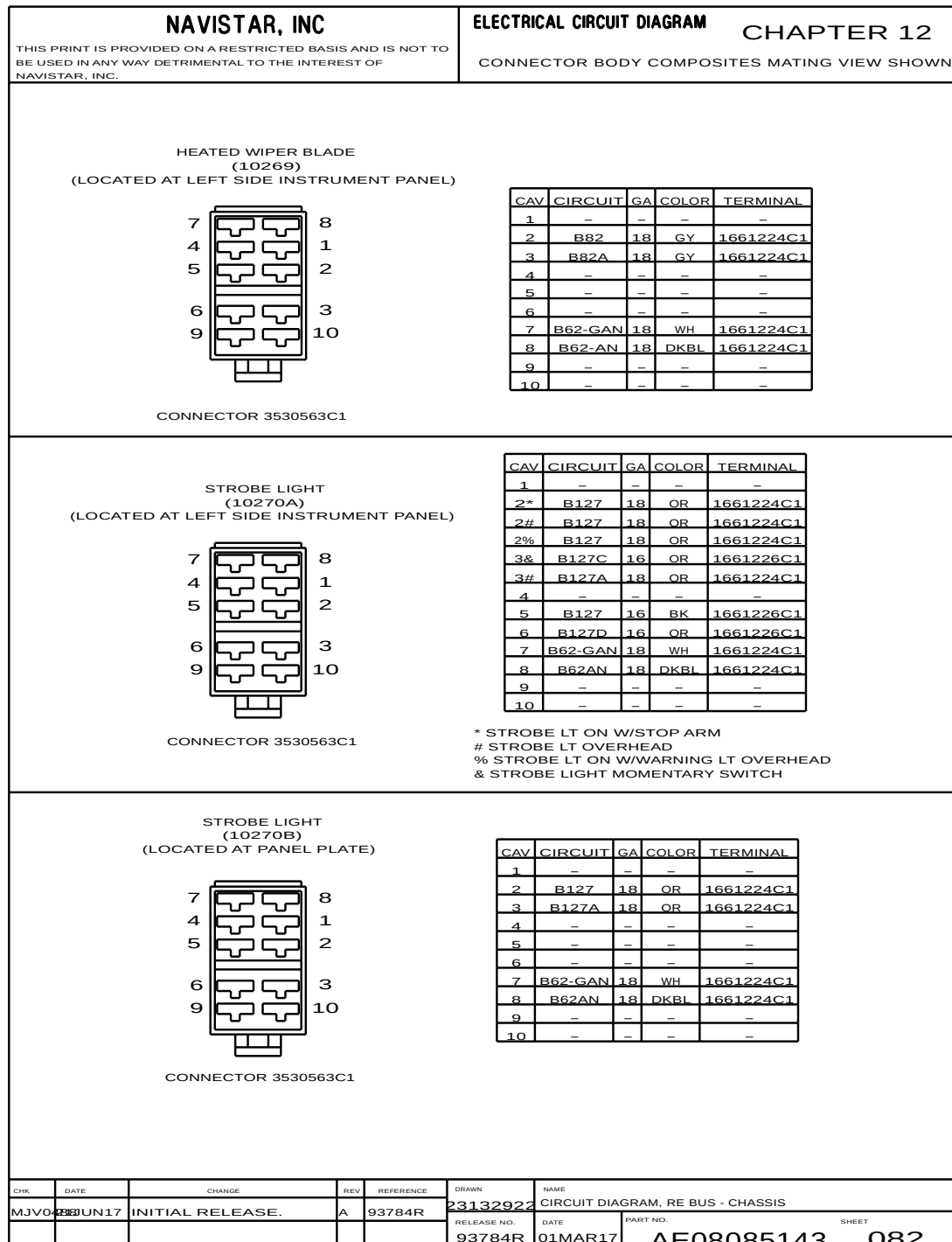


Figure 197 Connector Body Composites (10269, 10270A, 10270B)

12.87. CONNECTOR BODY COMPOSITES (10275), P. 83

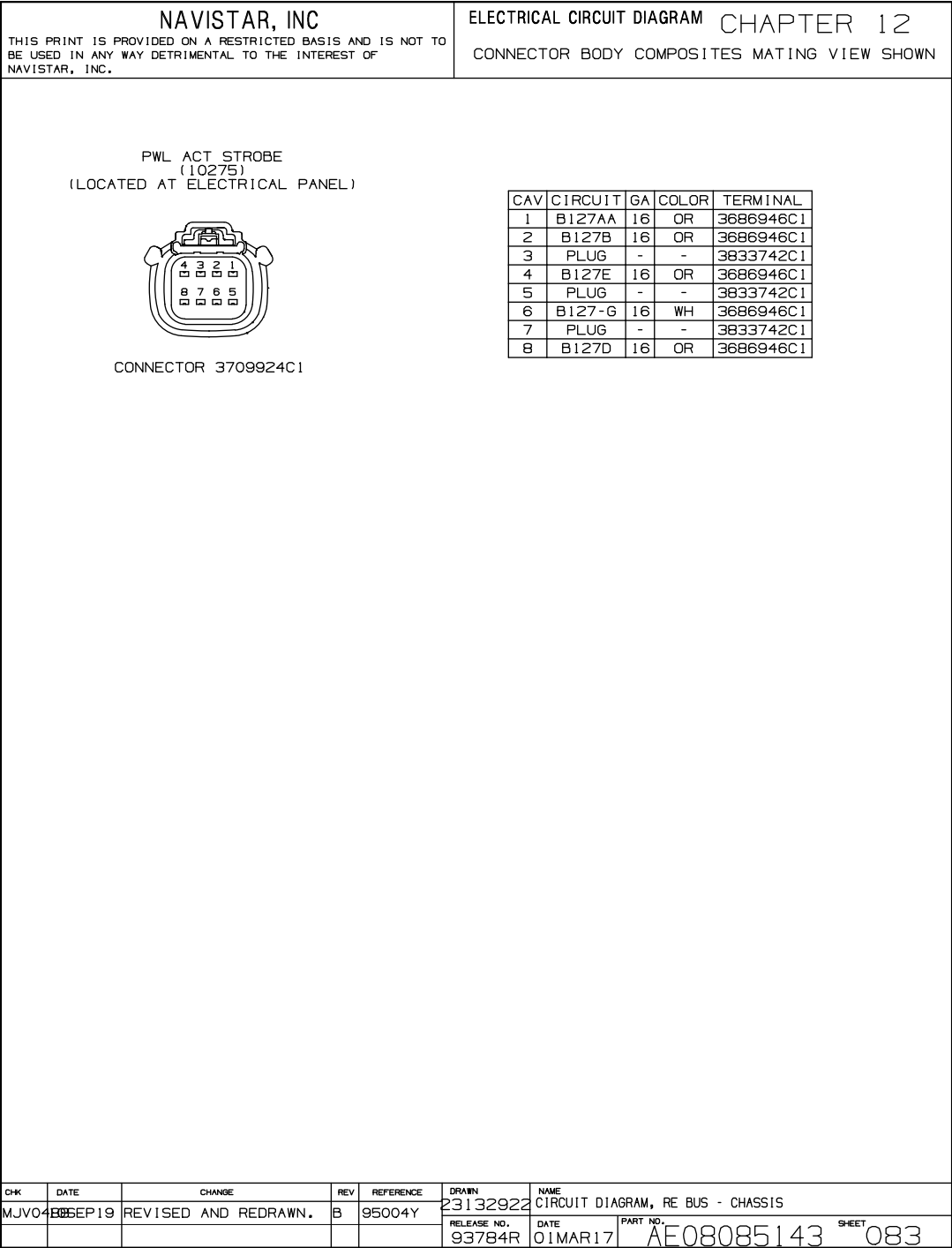


Figure 198 Connector Body Composites (10275)

12.88. CONNECTOR BODY COMPOSITES (10276, 10277, 10278, 10280), P. 84

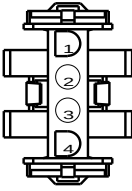
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 12																										
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																												
FUEL FIRED HEATER (+) (10276) (LOCATED AT ELECTRICAL PANEL)  CONNECTOR 2206658C1				<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></tr></thead><tbody><tr><td>A</td><td>B75AH</td><td>12</td><td>LTGN</td><td>0556897C1</td></tr></tbody></table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	A	B75AH	12	LTGN	0556897C1															
CAV	CIRCUIT	GA	COLOR	TERMINAL																												
A	B75AH	12	LTGN	0556897C1																												
FUEL FIRED HEATER (-) (10277) (LOCATED AT ELECTRICAL PANEL)  CONNECTOR 2206658C1				<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></tr></thead><tbody><tr><td>A</td><td>B75-GAH</td><td>12</td><td>WH</td><td>0556897C1</td></tr></tbody></table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	A	B75-GAH	12	WH	0556897C1															
CAV	CIRCUIT	GA	COLOR	TERMINAL																												
A	B75-GAH	12	WH	0556897C1																												
7 DAY TIMER (10278) (LOCATED AT ELECTRICAL PANEL)  CONNECTOR 2206658C1				<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></tr></thead><tbody><tr><td>A</td><td>B13C</td><td>16</td><td>BK</td><td>0239805R1</td></tr></tbody></table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	A	B13C	16	BK	0239805R1															
CAV	CIRCUIT	GA	COLOR	TERMINAL																												
A	B13C	16	BK	0239805R1																												
TRANSMISSION INTERLOCK (10280) (LOCATED AT ELECTRICAL PANEL)  CONNECTOR 2206666C1				<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></tr></thead><tbody><tr><td>1</td><td>B122-GB</td><td>18</td><td>WH</td><td>1661538C1</td></tr><tr><td>2</td><td>B122T</td><td>18</td><td>LTGN</td><td>1661538C1</td></tr><tr><td>3</td><td>B122U</td><td>18</td><td>YL</td><td>1661538C1</td></tr><tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	1	B122-GB	18	WH	1661538C1	2	B122T	18	LTGN	1661538C1	3	B122U	18	YL	1661538C1	4	-	-	-	-
CAV	CIRCUIT	GA	COLOR	TERMINAL																												
1	B122-GB	18	WH	1661538C1																												
2	B122T	18	LTGN	1661538C1																												
3	B122U	18	YL	1661538C1																												
4	-	-	-	-																												
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																										
MJV0	03 JUN 17	INITIAL RELEASE.	A	93784R	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS																										
					RELEASE NO.	DATE	PART NO.																									
					93784R	01 MAR 17	AE08085143																									
						SHEET																										
						084																										

Figure 199 Connector Body Composites (10276, 10277, 10278, 10280)

12.89. CONNECTOR BODY COMPOSITES (10281, 10282, 10284, 10285), P. 85

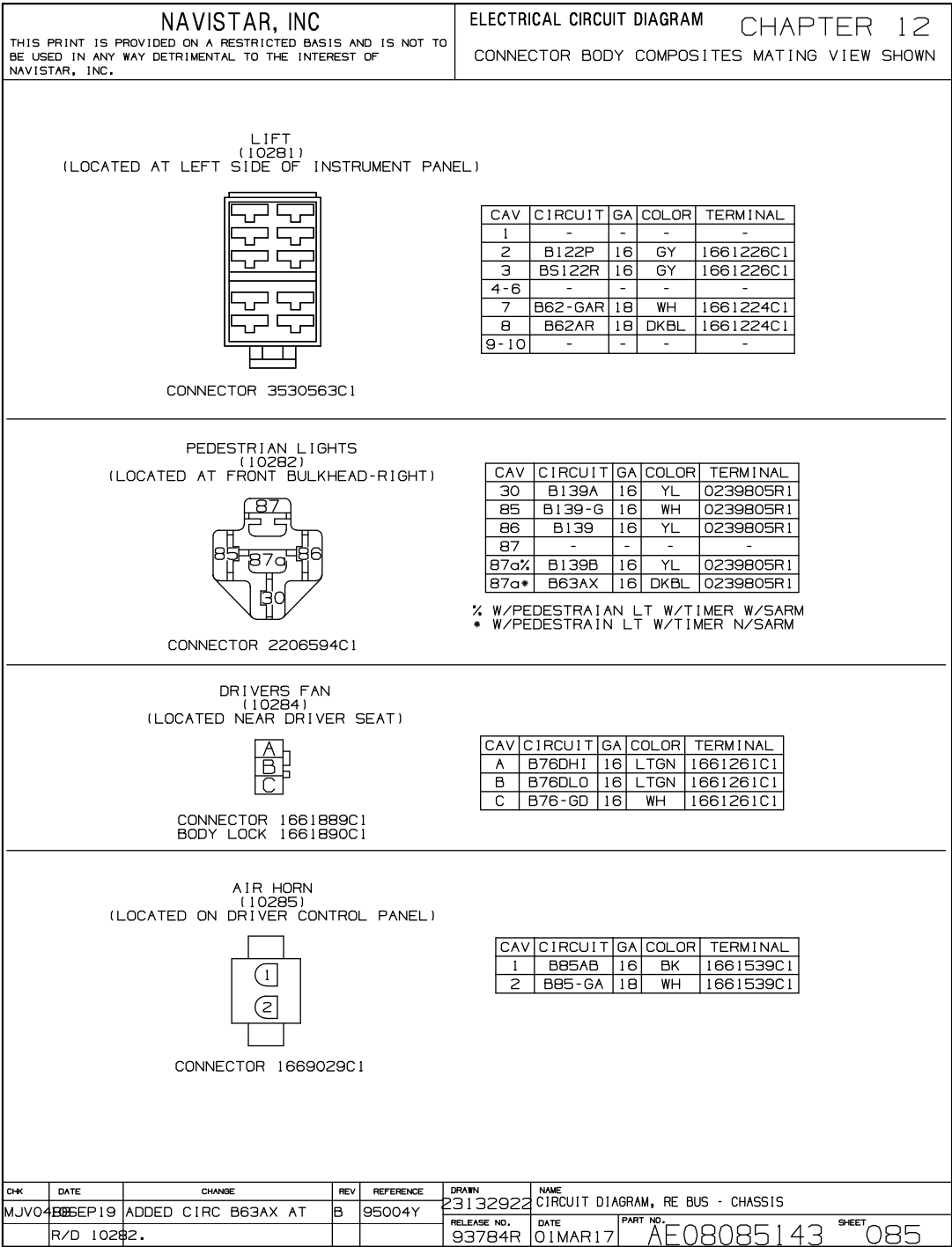


Figure 200 Connector Body Composites (10281, 10282, 10284, 10285)

12.90. CONNECTOR BODY COMPOSITES (10286, 10290, 10291), P. 86

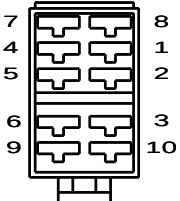
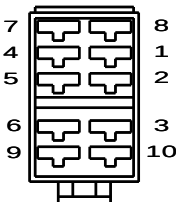
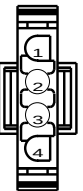
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AIR HORN (10286) (LOCATED ON DRIVER CONTROL PANEL)  CONNECTOR 3530563C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>2</td><td>B85-GA</td><td>18</td><td>GY</td><td>1661224C1</td></tr><tr><td>3</td><td>B85A</td><td>18</td><td>GY</td><td>1661224C1</td></tr><tr><td>4-6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>7</td><td>B62-GAU</td><td>18</td><td>WH</td><td>1661224C1</td></tr><tr><td>8</td><td>B62AU</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr><tr><td>9-10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>							CAV	CIRCUIT	GA	COLOR	TERMINAL	1	-	-	-	-	2	B85-GA	18	GY	1661224C1	3	B85A	18	GY	1661224C1	4-6	-	-	-	-	7	B62-GAU	18	WH	1661224C1	8	B62AU	18	DKBL	1661224C1	9-10	-	-	-	-
CAV	CIRCUIT	GA	COLOR	TERMINAL																																										
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2	B85-GA	18	GY	1661224C1																																										
3	B85A	18	GY	1661224C1																																										
4-6	-	-	-	-																																										
7	B62-GAU	18	WH	1661224C1																																										
8	B62AU	18	DKBL	1661224C1																																										
9-10	-	-	-	-																																										
CITY/HWY SWITCH (10290) (LOCATED ON LEFT SIDE OF INSTRUMENT PANEL)  CONNECTOR 3530563C1 <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>1-4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>5</td><td>B85B</td><td>18</td><td>GY</td><td>1661224C1</td></tr><tr><td>6</td><td>B85C</td><td>18</td><td>GY</td><td>1661224C1</td></tr><tr><td>7</td><td>B62-GAU</td><td>18</td><td>WH</td><td>1661224C1</td></tr><tr><td>8</td><td>B62AU</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr><tr><td>9-10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>							CAV	CIRCUIT	GA	COLOR	TERMINAL	1-4	-	-	-	-	5	B85B	18	GY	1661224C1	6	B85C	18	GY	1661224C1	7	B62-GAU	18	WH	1661224C1	8	B62AU	18	DKBL	1661224C1	9-10	-	-	-	-					
CAV	CIRCUIT	GA	COLOR	TERMINAL																																										
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5	B85B	18	GY	1661224C1																																										
6	B85C	18	GY	1661224C1																																										
7	B62-GAU	18	WH	1661224C1																																										
8	B62AU	18	DKBL	1661224C1																																										
9-10	-	-	-	-																																										
MOTORIZED MIRROR (10291) (LOCATED NEAR DRIVER CONTROL MODULE)  CONNECTOR 2206661C1 <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>B78</td><td>18</td><td>LTGN</td><td>1661539C1</td></tr><tr><td>2</td><td>B62AV</td><td>18</td><td>DKBL</td><td>1661539C1</td></tr><tr><td>3</td><td>B78-G</td><td>18</td><td>WH</td><td>1661539C1</td></tr><tr><td>4</td><td>B78C</td><td>16</td><td>LTGN</td><td>1661539C1</td></tr></tbody></table>							CAV	CIRCUIT	GA	COLOR	TERMINAL	1	B78	18	LTGN	1661539C1	2	B62AV	18	DKBL	1661539C1	3	B78-G	18	WH	1661539C1	4	B78C	16	LTGN	1661539C1															
CAV	CIRCUIT	GA	COLOR	TERMINAL																																										
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2	B62AV	18	DKBL	1661539C1																																										
3	B78-G	18	WH	1661539C1																																										
4	B78C	16	LTGN	1661539C1																																										
<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td>CHK</td><td>DATE</td><td>CHANGE</td><td>REV</td><td>REFERENCE</td><td>DRAWN</td><td>NAME</td></tr><tr><td>MJV0</td><td>03JUN17</td><td>INITIAL RELEASE.</td><td>A</td><td>93784R</td><td>23132922</td><td>CIRCUIT DIAGRAM, RE BUS - CHASSIS</td></tr><tr><td colspan="3"></td><td colspan="2">RELEASE NO.</td><td>DATE</td><td>PART NO.</td></tr><tr><td colspan="3"></td><td colspan="2">93784R</td><td>01MAR17</td><td>AE08085143</td></tr><tr><td colspan="6"></td><td style="text-align: right;">SHEET 086</td></tr></table>							CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	MJV0	03JUN17	INITIAL RELEASE.	A	93784R	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS				RELEASE NO.		DATE	PART NO.				93784R		01MAR17	AE08085143							SHEET 086					
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																								
MJV0	03JUN17	INITIAL RELEASE.	A	93784R	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS																																								
			RELEASE NO.		DATE	PART NO.																																								
			93784R		01MAR17	AE08085143																																								
						SHEET 086																																								

Figure 201 Connector Body Composites (10286, 10290, 10291)

12.91. CONNECTOR BODY COMPOSITES (10292, 10293A, 10293B, 10294), P. 87

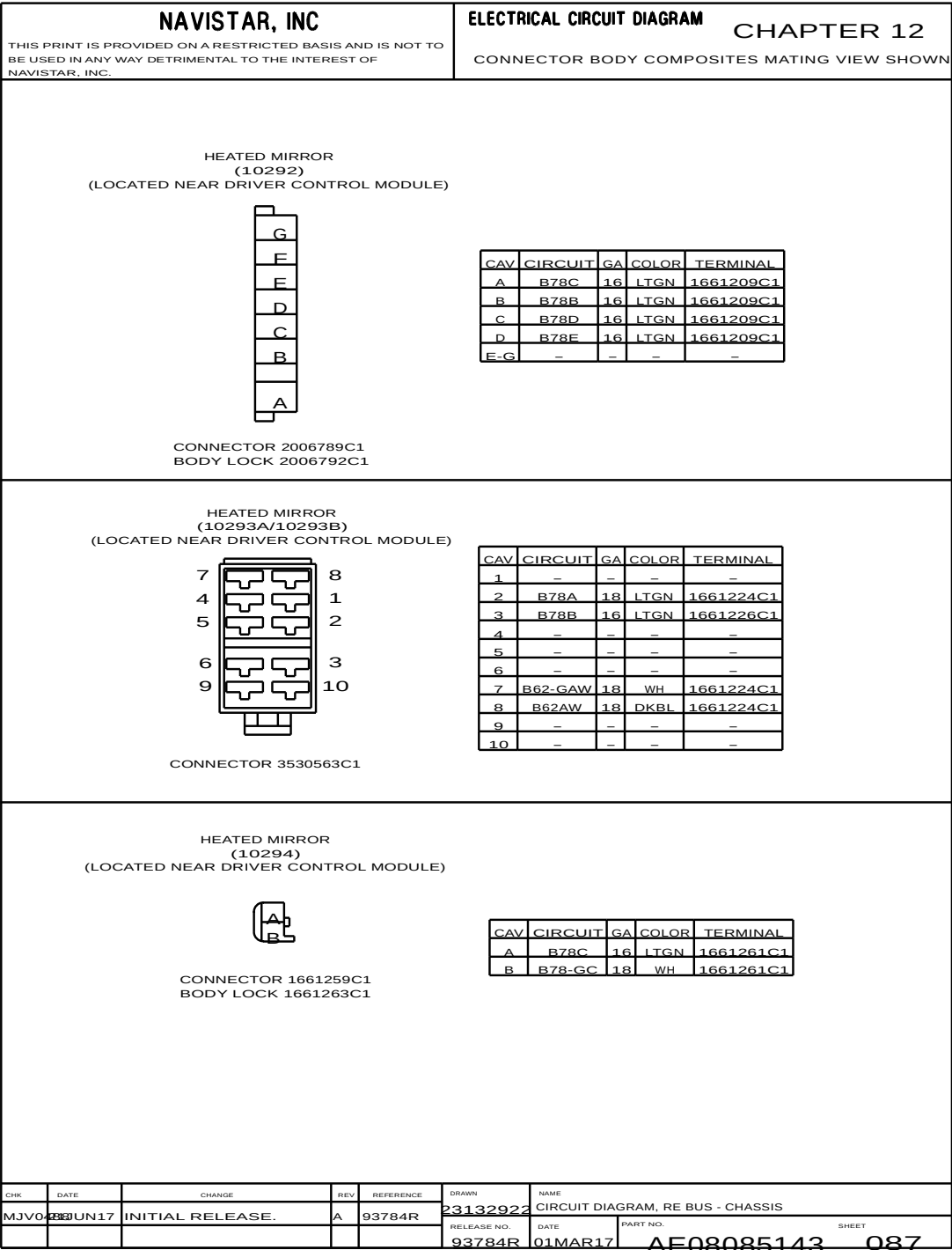


Figure 202 Connector Body Composites (10292, 10293A, 10293B, 10294)

12.92. CONNECTOR BODY COMPOSITES (10295, 10297, 10299), P. 88

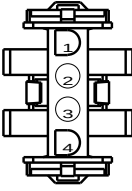
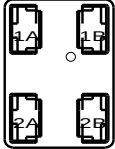
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HEATED MIRROR (10295) (LOCATED NEAR DRIVER CONTROL MODULE)  CONNECTOR 2206666C1 <table border="1" style="font-size: x-small; border-collapse: collapse;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>B78A</td><td>18</td><td>LTGN</td><td>1661538C1</td></tr><tr><td>2</td><td>B78-GA</td><td>18</td><td>WH</td><td>1661538C1</td></tr><tr><td>3</td><td>B78F</td><td>18</td><td>BK</td><td>1661538C1</td></tr><tr><td>4</td><td>B78B</td><td>16</td><td>LTGN</td><td>1661538C1</td></tr></tbody></table>							CAV	CIRCUIT	GA	COLOR	TERMINAL	1	B78A	18	LTGN	1661538C1	2	B78-GA	18	WH	1661538C1	3	B78F	18	BK	1661538C1	4	B78B	16	LTGN	1661538C1																	
CAV	CIRCUIT	GA	COLOR	TERMINAL																																												
1	B78A	18	LTGN	1661538C1																																												
2	B78-GA	18	WH	1661538C1																																												
3	B78F	18	BK	1661538C1																																												
4	B78B	16	LTGN	1661538C1																																												
RED/AMBER TELL TALE (10297) (LOCATED AT INSTRUMENT PANEL)  CONNECTOR 2206669C1 <table border="1" style="font-size: x-small; border-collapse: collapse;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1A</td><td>A89B</td><td>18</td><td>OR</td><td>1661224C1</td></tr><tr><td>1B</td><td>A89A</td><td>18</td><td>OR</td><td>1661224C1</td></tr><tr><td>2A</td><td>A89-GB</td><td>18</td><td>WH</td><td>1661224C1</td></tr><tr><td>2B</td><td>A89-GA</td><td>18</td><td>WH</td><td>1661224C1</td></tr></tbody></table>							CAV	CIRCUIT	GA	COLOR	TERMINAL	1A	A89B	18	OR	1661224C1	1B	A89A	18	OR	1661224C1	2A	A89-GB	18	WH	1661224C1	2B	A89-GA	18	WH	1661224C1																	
CAV	CIRCUIT	GA	COLOR	TERMINAL																																												
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2A	A89-GB	18	WH	1661224C1																																												
2B	A89-GA	18	WH	1661224C1																																												
DRIVERS ALARM (10299) (LOCATED NEAR DRIVER SEAT)  CONNECTOR 1661259C1 BODY LOCK 1661263C1 <table border="1" style="font-size: x-small; border-collapse: collapse;"><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>B12G</td><td>18</td><td>LTBL</td><td>1661261C1</td></tr><tr><td>A#</td><td>B14AA</td><td>18</td><td>LTBL</td><td>1661261C1</td></tr><tr><td>B</td><td>B11-GG</td><td>18</td><td>LTBL</td><td>1661261C1</td></tr></tbody></table> * W/ DRIVERS ALARM - PIEZO, ACCESSORY FEED # W/ DRIVERS ALARM - PIEZO, BATTERY FEED							CAV	CIRCUIT	GA	COLOR	TERMINAL	A*	B12G	18	LTBL	1661261C1	A#	B14AA	18	LTBL	1661261C1	B	B11-GG	18	LTBL	1661261C1																						
CAV	CIRCUIT	GA	COLOR	TERMINAL																																												
A*	B12G	18	LTBL	1661261C1																																												
A#	B14AA	18	LTBL	1661261C1																																												
B	B11-GG	18	LTBL	1661261C1																																												
<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>MJVO</td><td>03JUN17</td><td>INITIAL RELEASE.</td><td>A</td><td>93784R</td><td>23132922</td><td>CIRCUIT DIAGRAM, RE BUS - CHASSIS</td></tr><tr><td colspan="2"></td><td></td><td></td><td></td><td>RELEASE NO.</td><td>DATE</td></tr><tr><td colspan="2"></td><td></td><td></td><td></td><td>93784R</td><td>01MAR17</td></tr><tr><td colspan="5"></td><td>PART NO.</td><td>SHEET</td></tr><tr><td colspan="5"></td><td>AE08085143</td><td>088</td></tr></tbody></table>							CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	MJVO	03JUN17	INITIAL RELEASE.	A	93784R	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS						RELEASE NO.	DATE						93784R	01MAR17						PART NO.	SHEET						AE08085143	088
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																										
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					PART NO.	SHEET																																										
					AE08085143	088																																										

Figure 203 Connector Body Composites (10295, 10297, 10299)

12.93. CONNECTOR BODY COMPOSITES (10301), P. 89

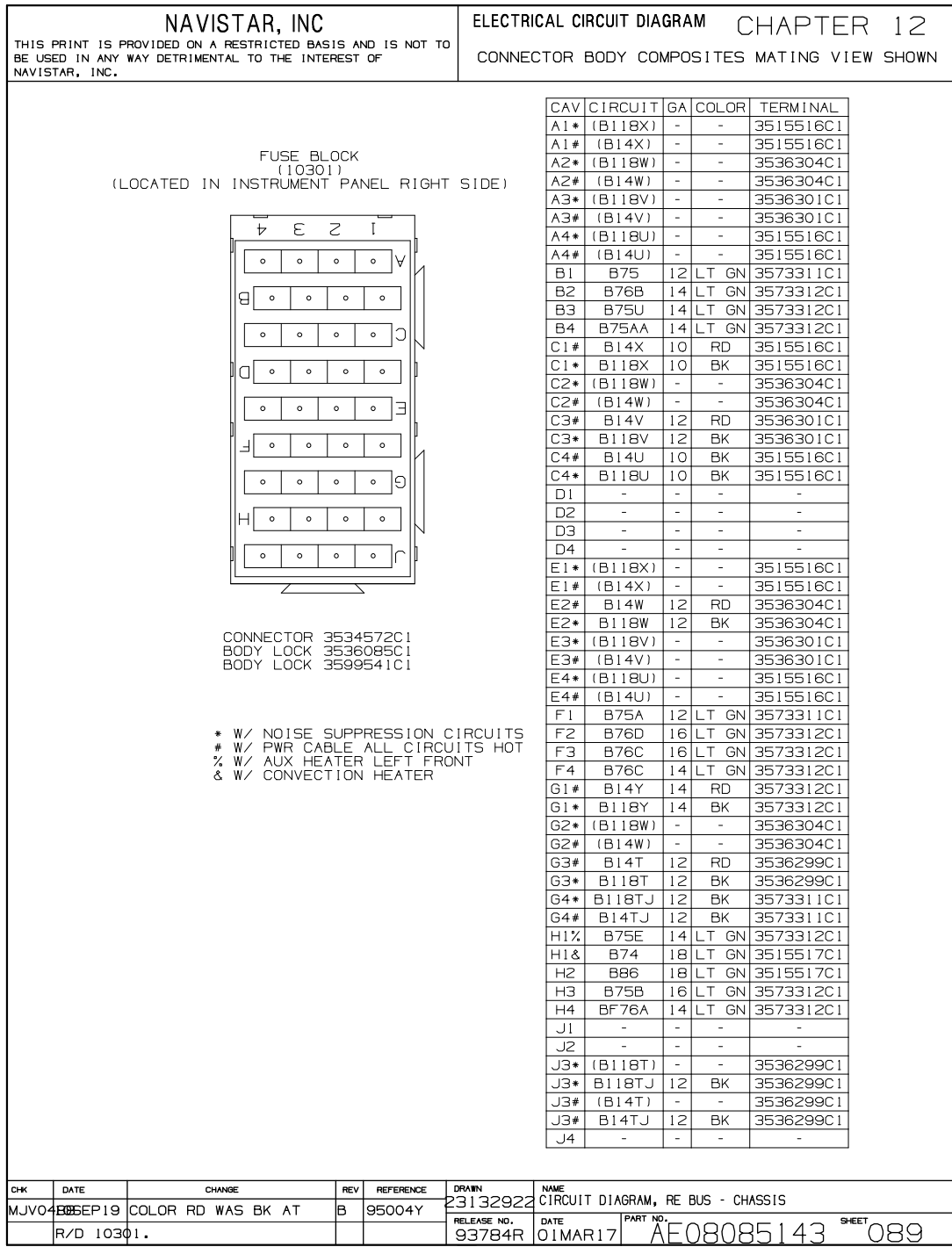


Figure 204 Connector Body Composites (10301)

12.94. CONNECTOR BODY COMPOSITES (10302), P. 90

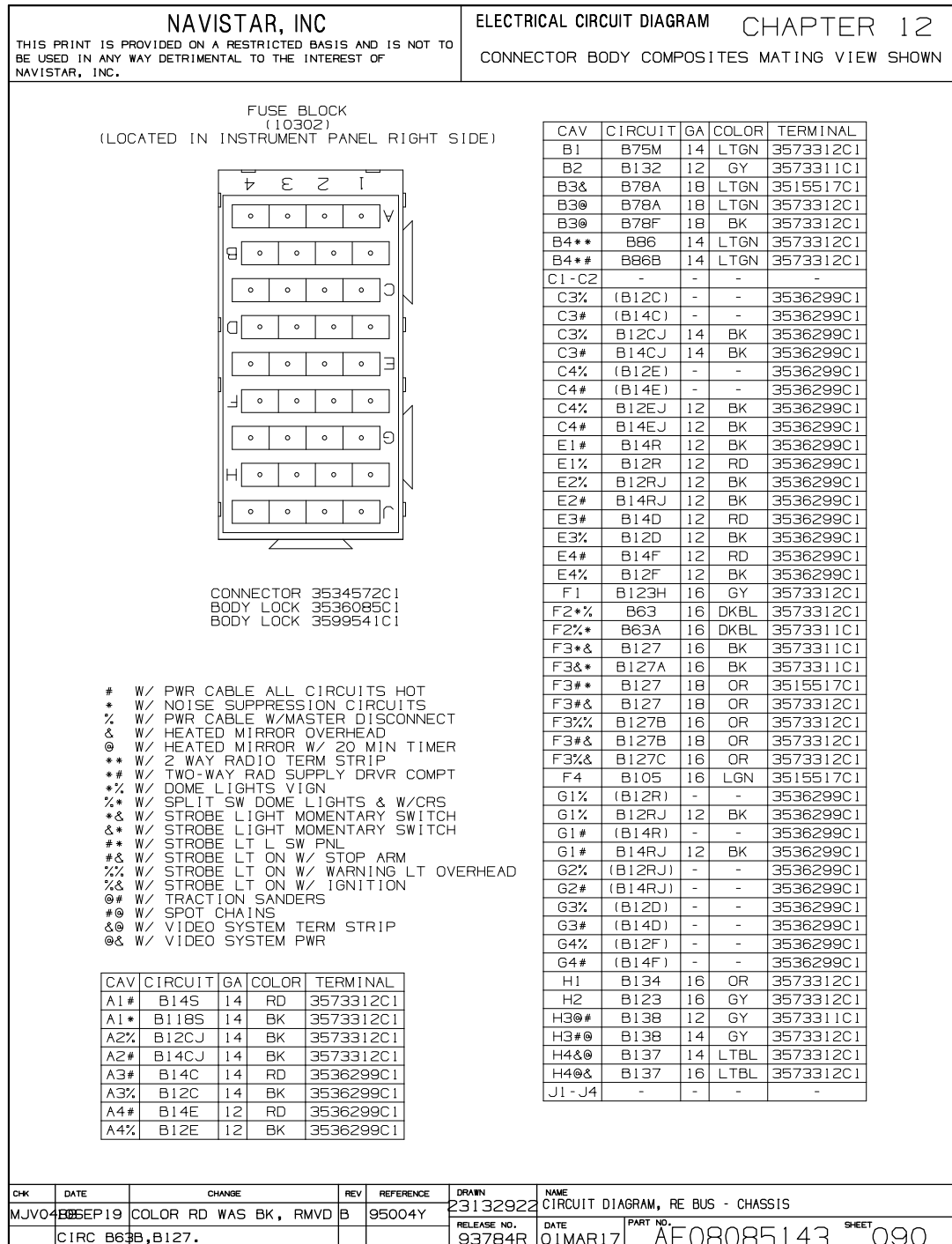


Figure 205 Connector Body Composites (10302)

12.95. CONNECTOR BODY COMPOSITES (10303), P. 91

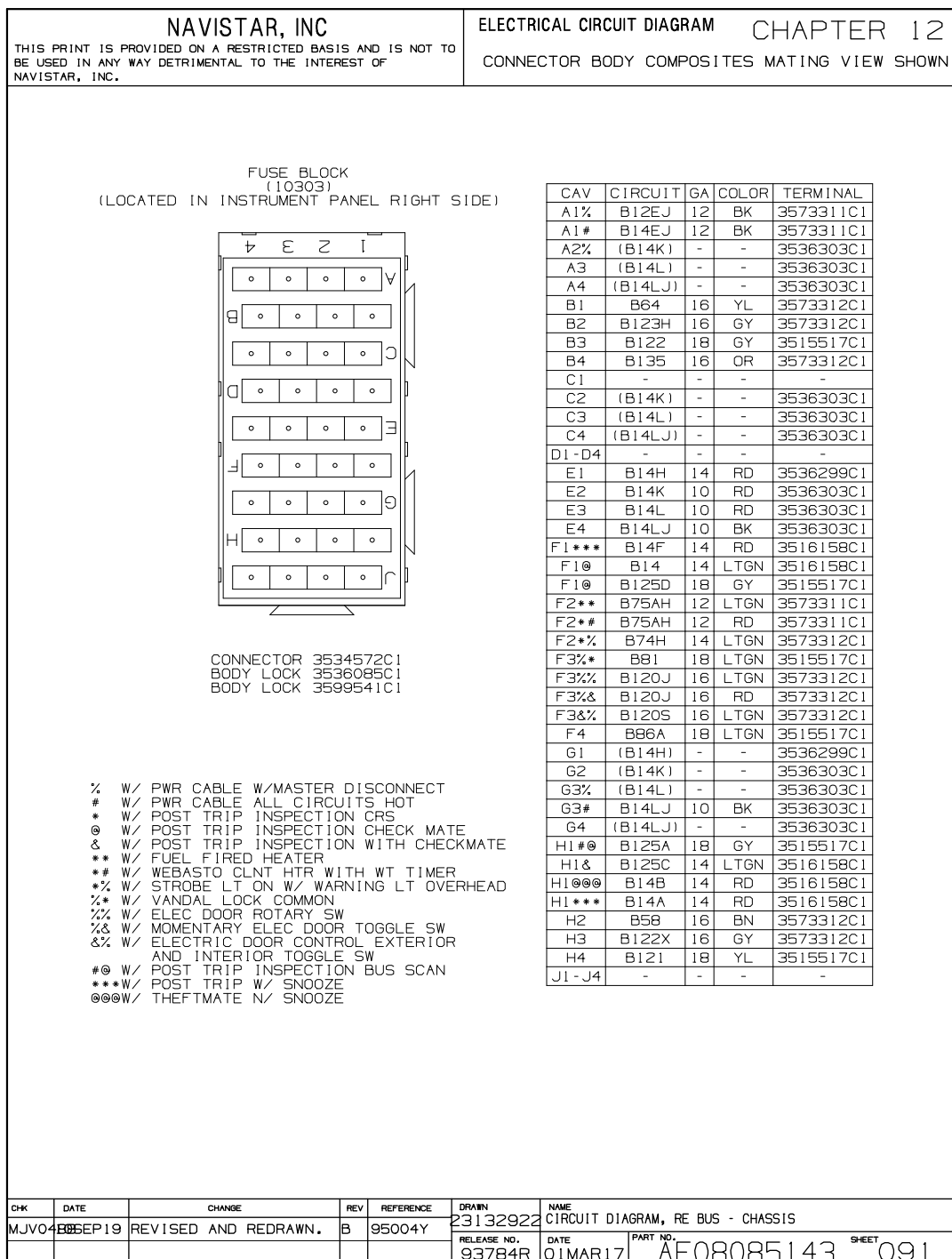


Figure 206 Connector Body Composites (10303)

12.96. CONNECTOR BODY COMPOSITES (10304), P. 92

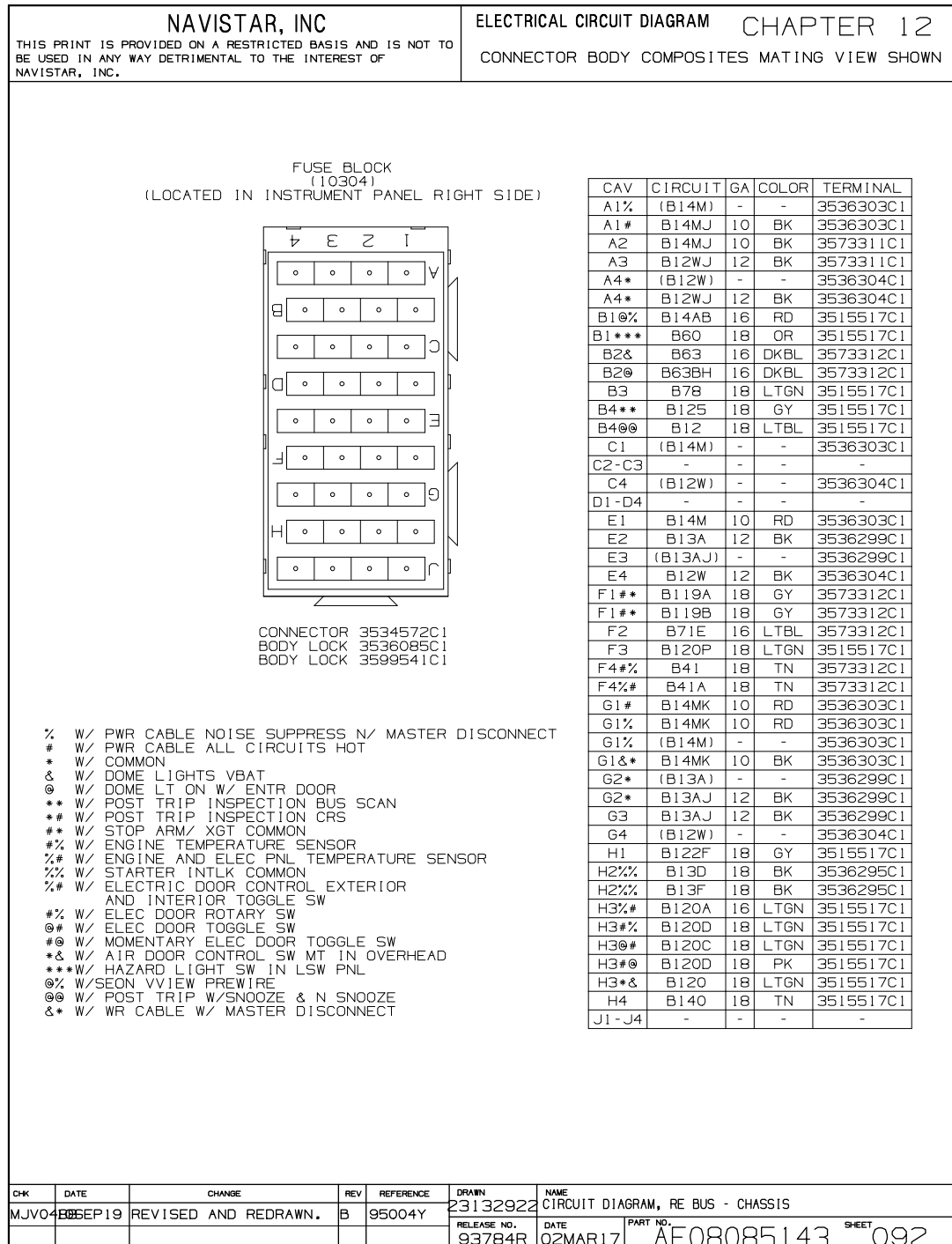


Figure 207 Connector Body Composites (10304)

12.97. CONNECTOR BODY COMPOSITES (10305), P. 93

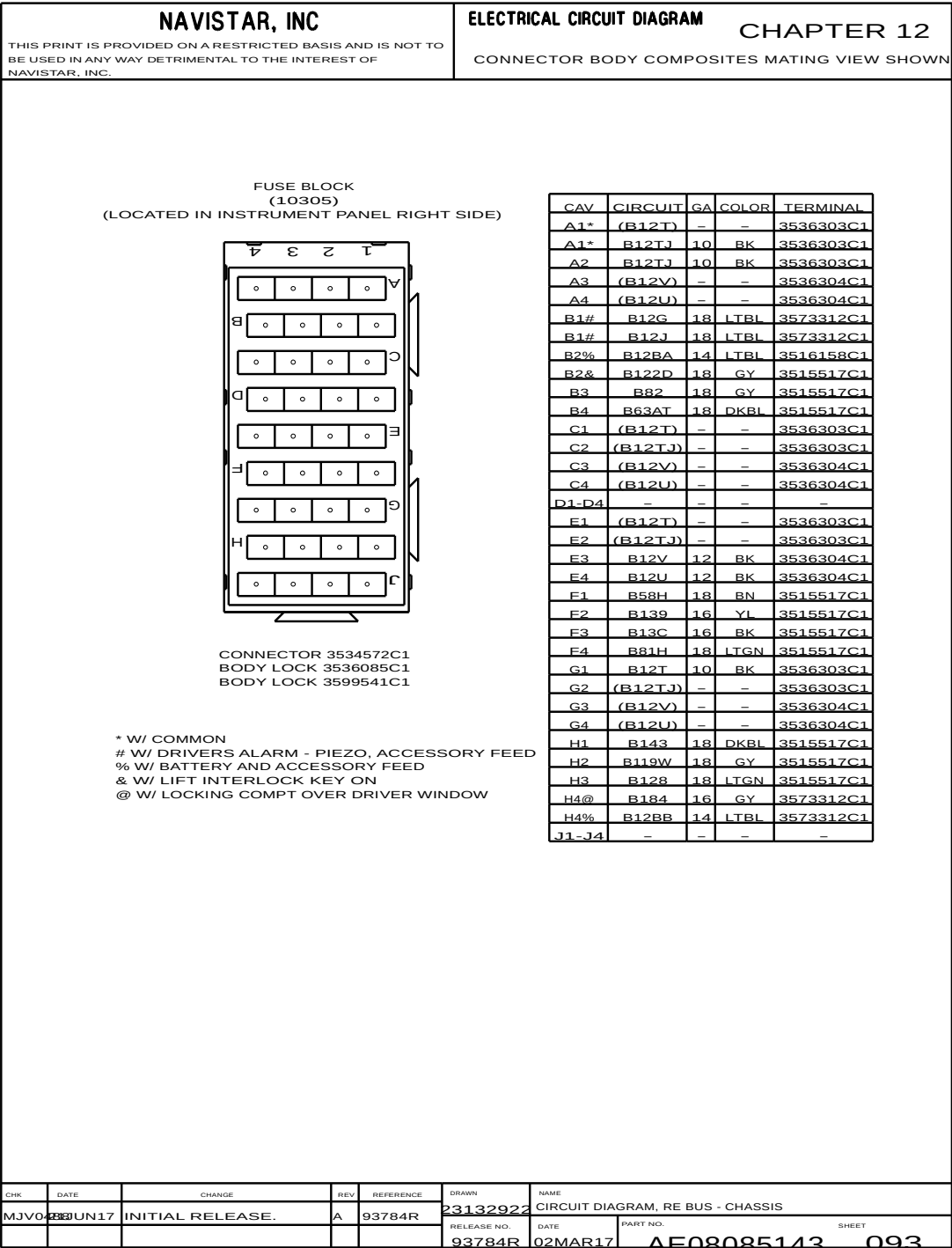


Figure 208 Connector Body Composites (10305)

12.98. CONNECTOR BODY COMPOSITES (10306), P. 94

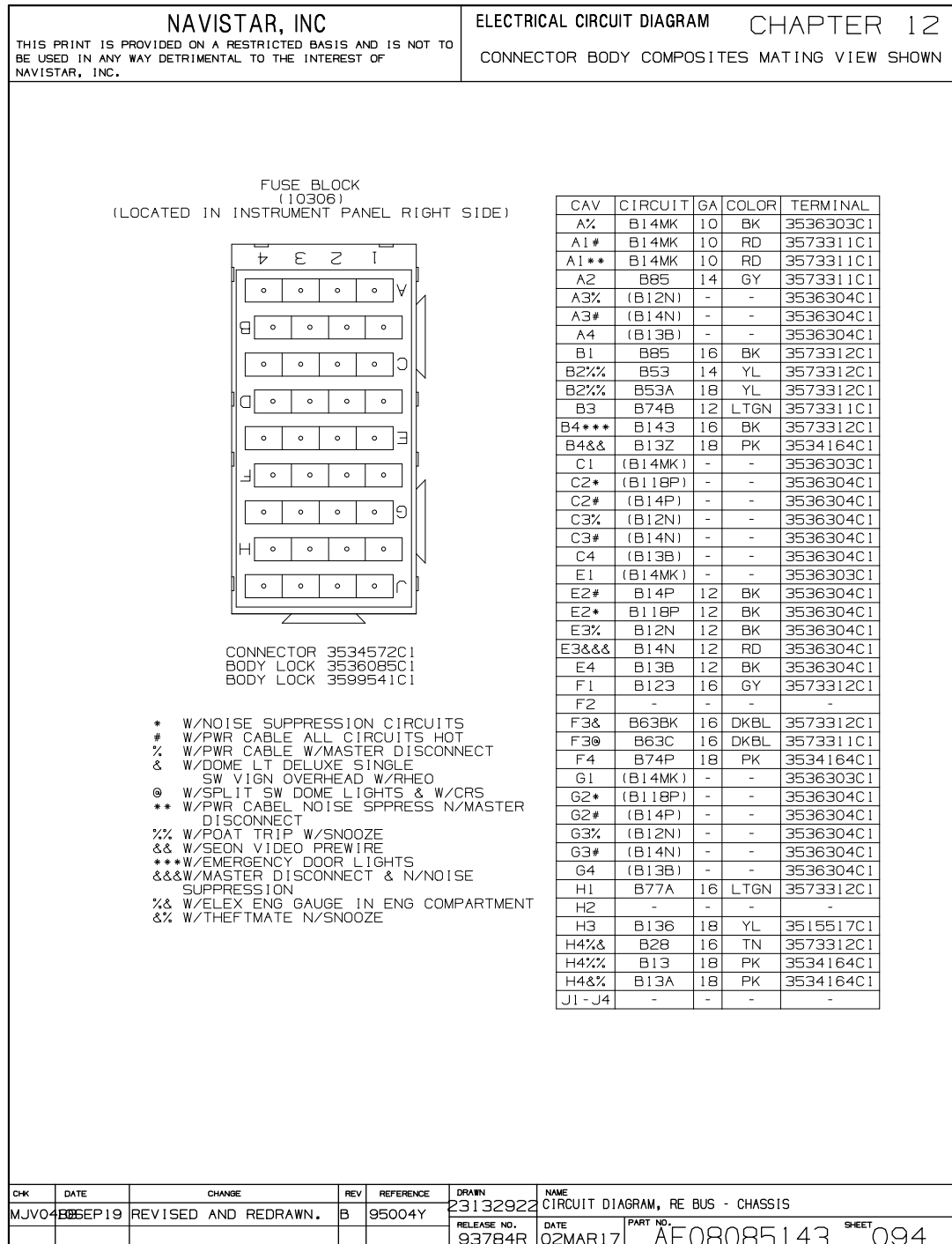


Figure 209 Connector Body Composites (10306)

12.99. CONNECTOR BODY COMPOSITES (10307), P. 95

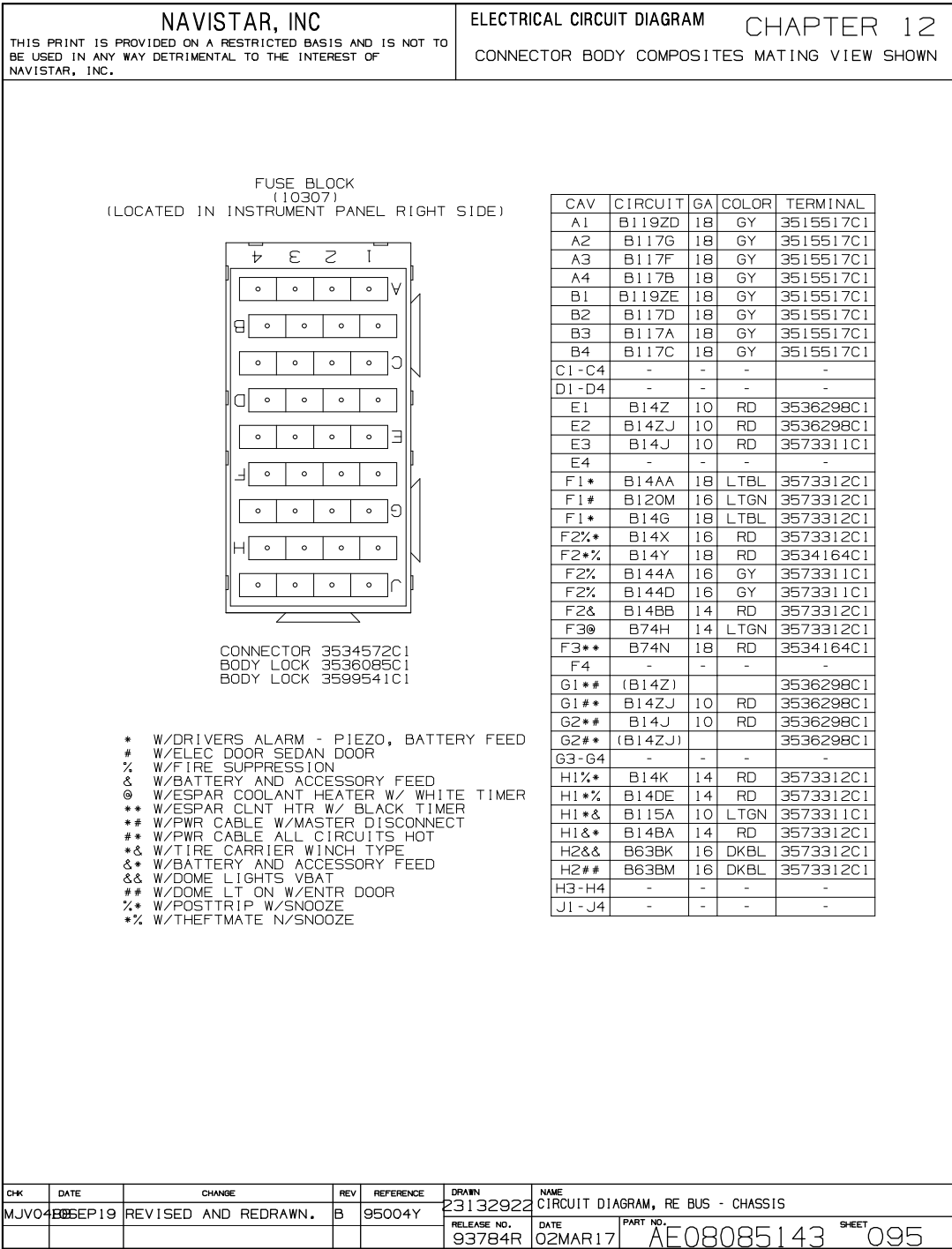


Figure 210 Connector Body Composites (10307)

12.100. CONNECTOR BODY COMPOSITES (10308), P. 96

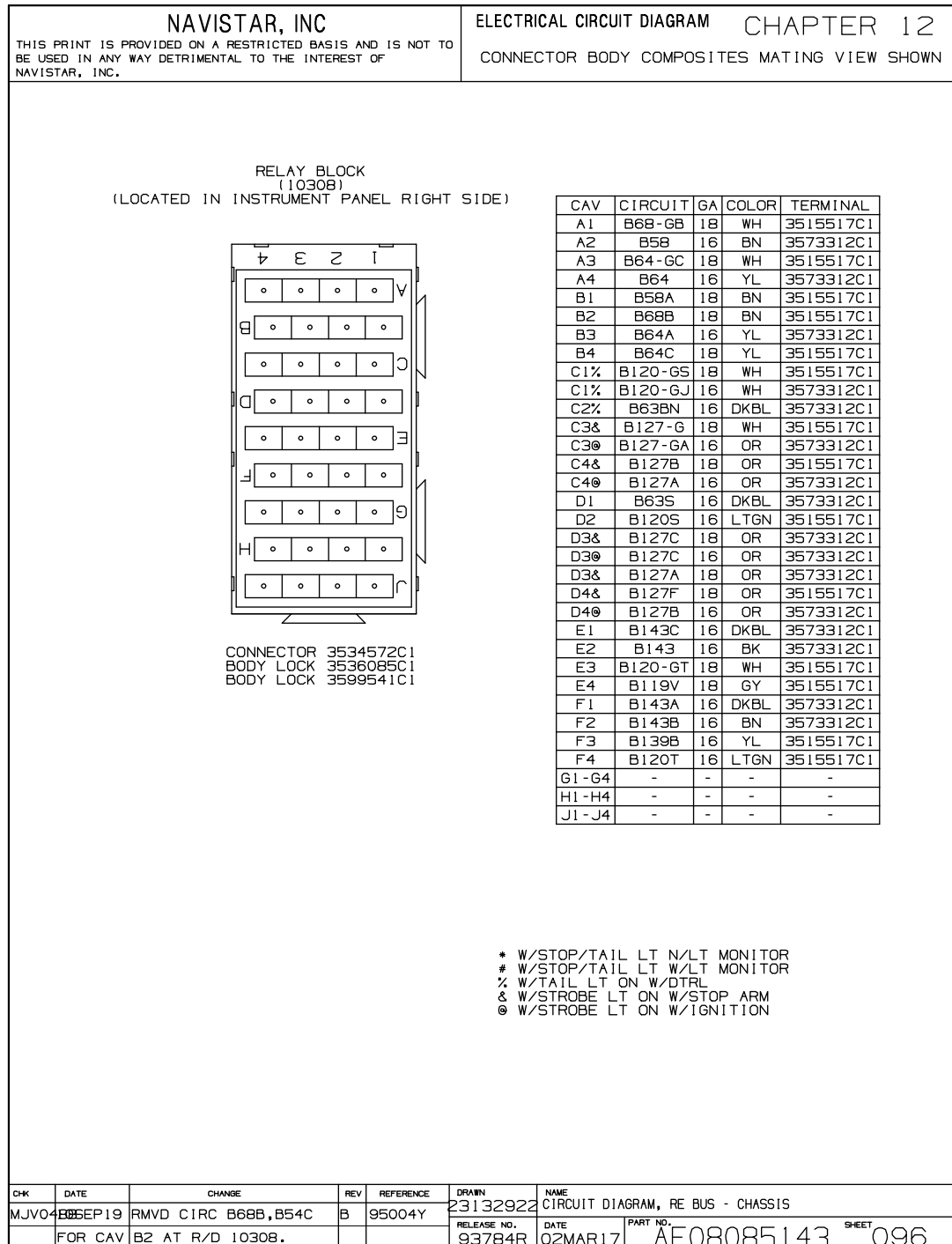


Figure 211 Connector Body Composites (10308)

12.101. CONNECTOR BODY COMPOSITES (10309), P. 97

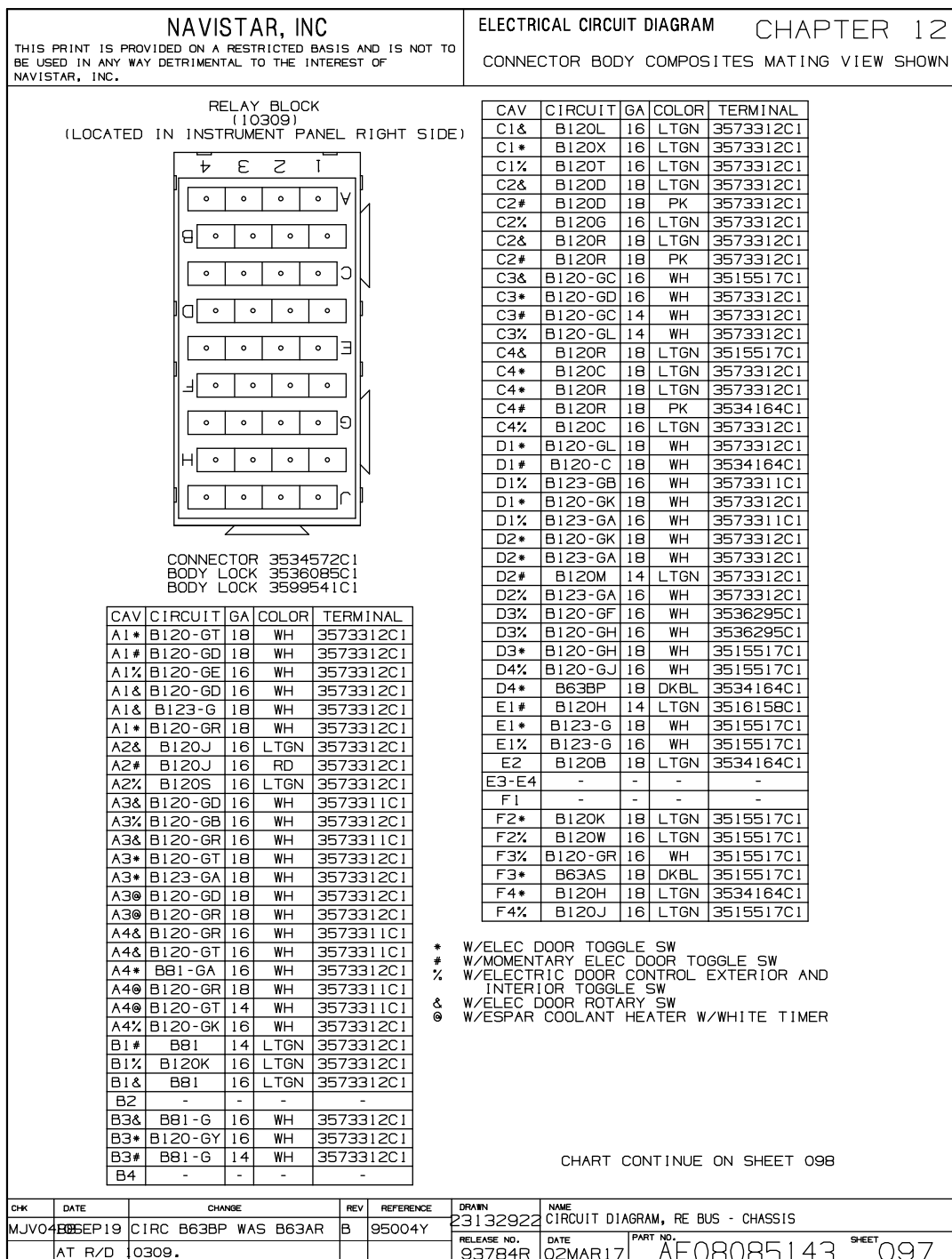


Figure 212 Connector Body Composites (10309)

12.102. CONNECTOR BODY COMPOSITES (10309) (CONT.), P. 98

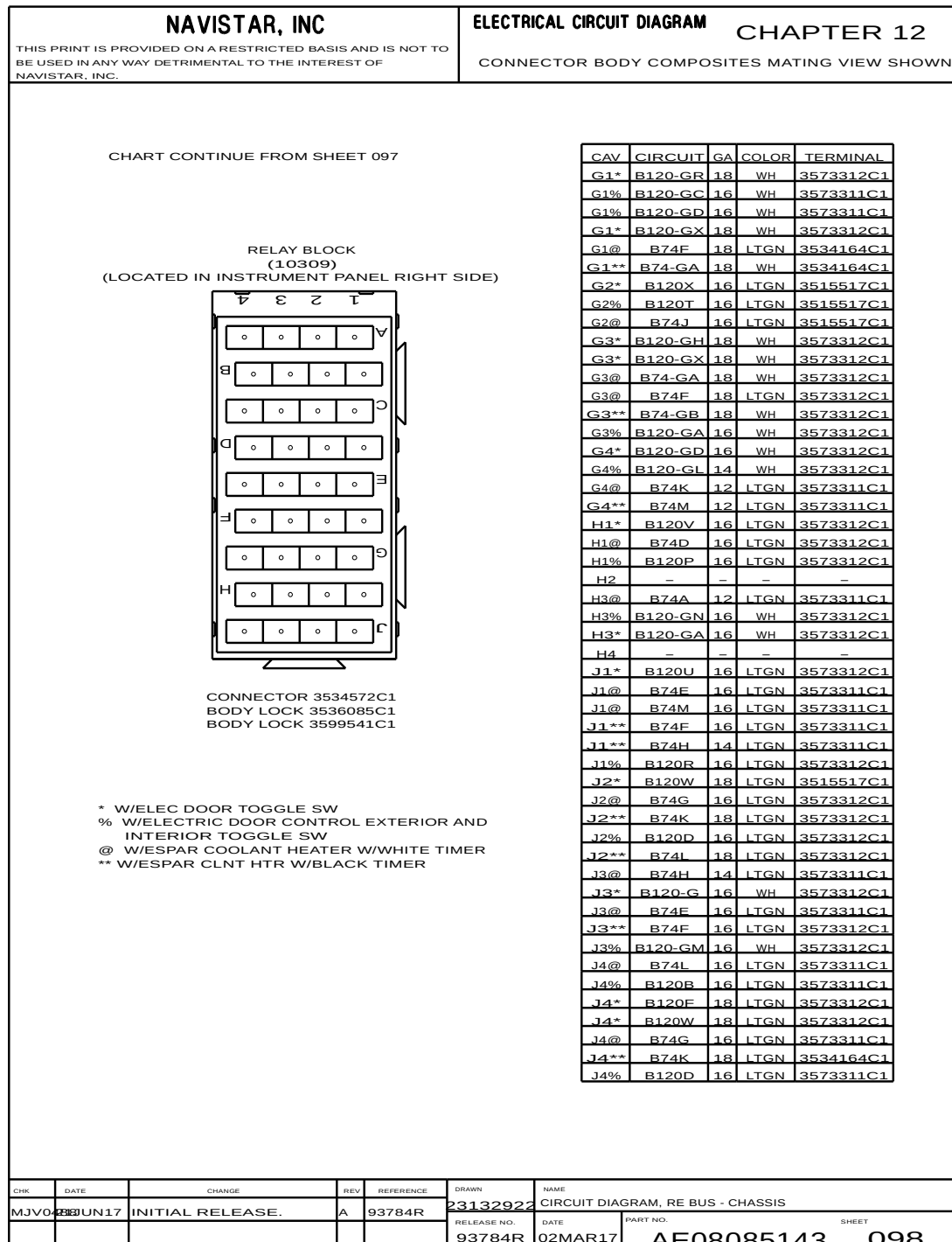


Figure 213 Connector Body Composites (10309) (Cont.)

12.103. CONNECTOR BODY COMPOSITES (10310), P. 99

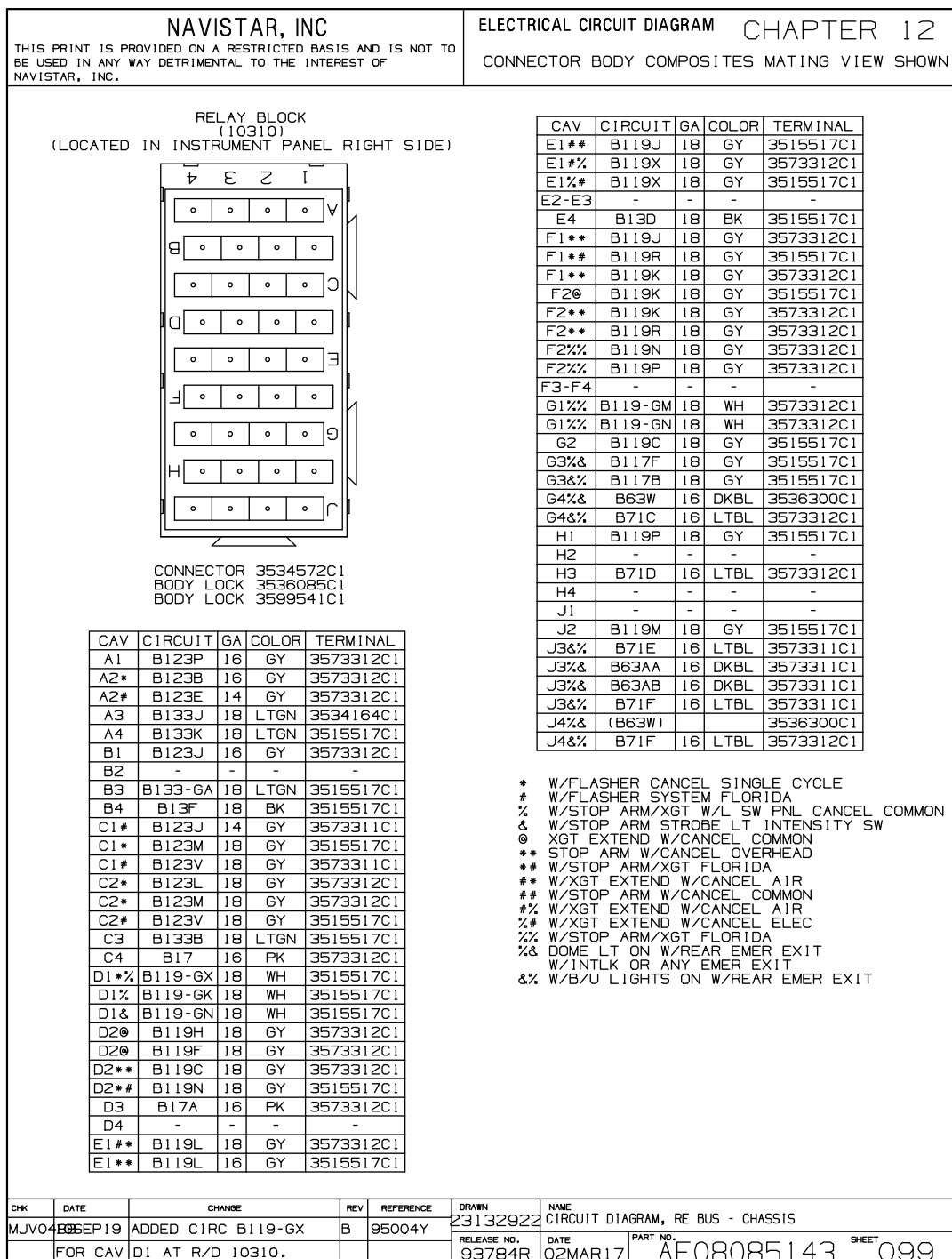


Figure 214 Connector Body Composites (10310)

12.105. CONNECTOR BODY COMPOSITES (10312, 10314), P. 101

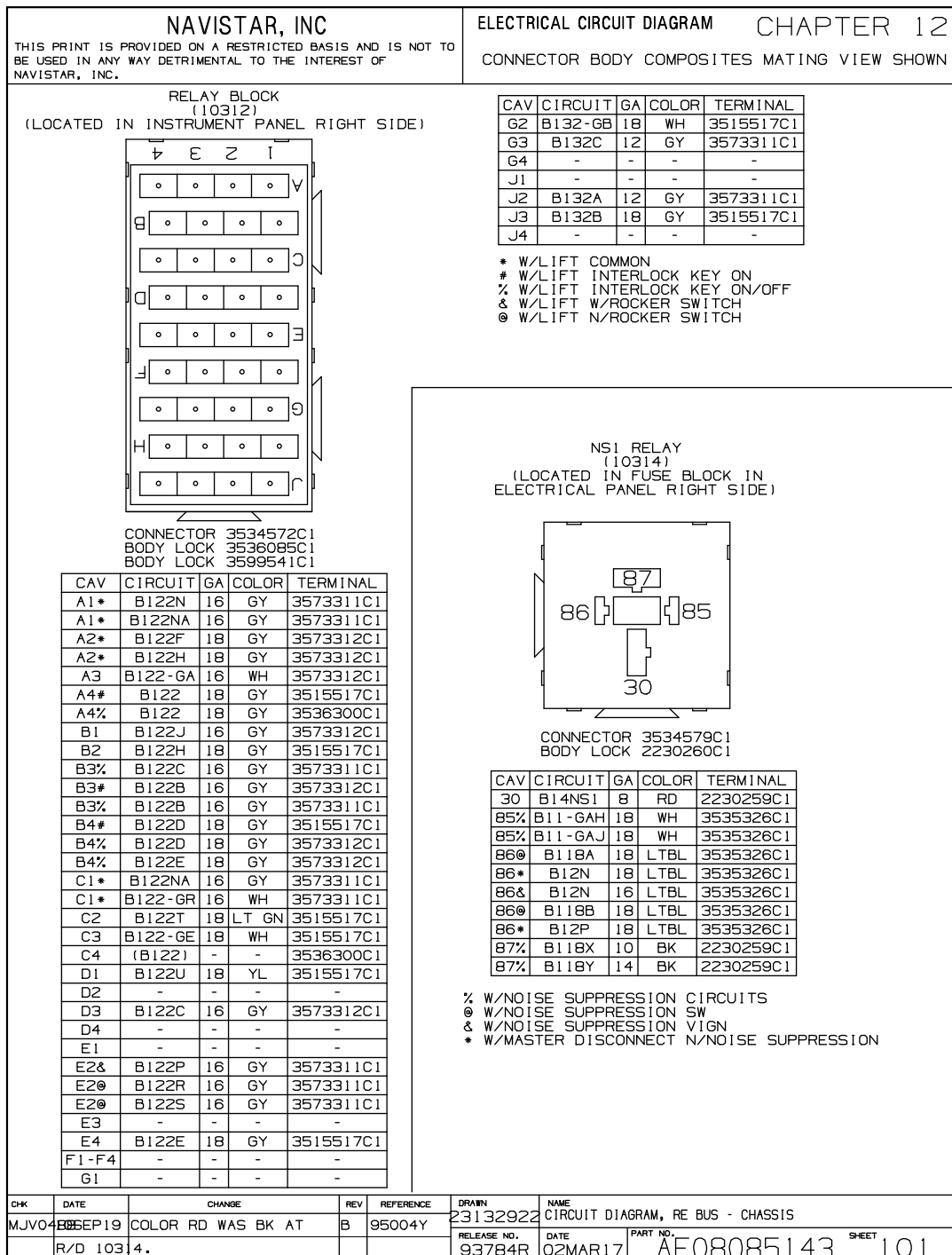


Figure 216 Connector Body Composites (10312, 10314)

12.106. CONNECTOR BODY COMPOSITES (10315, 10316, 10317, 10318) P. 102

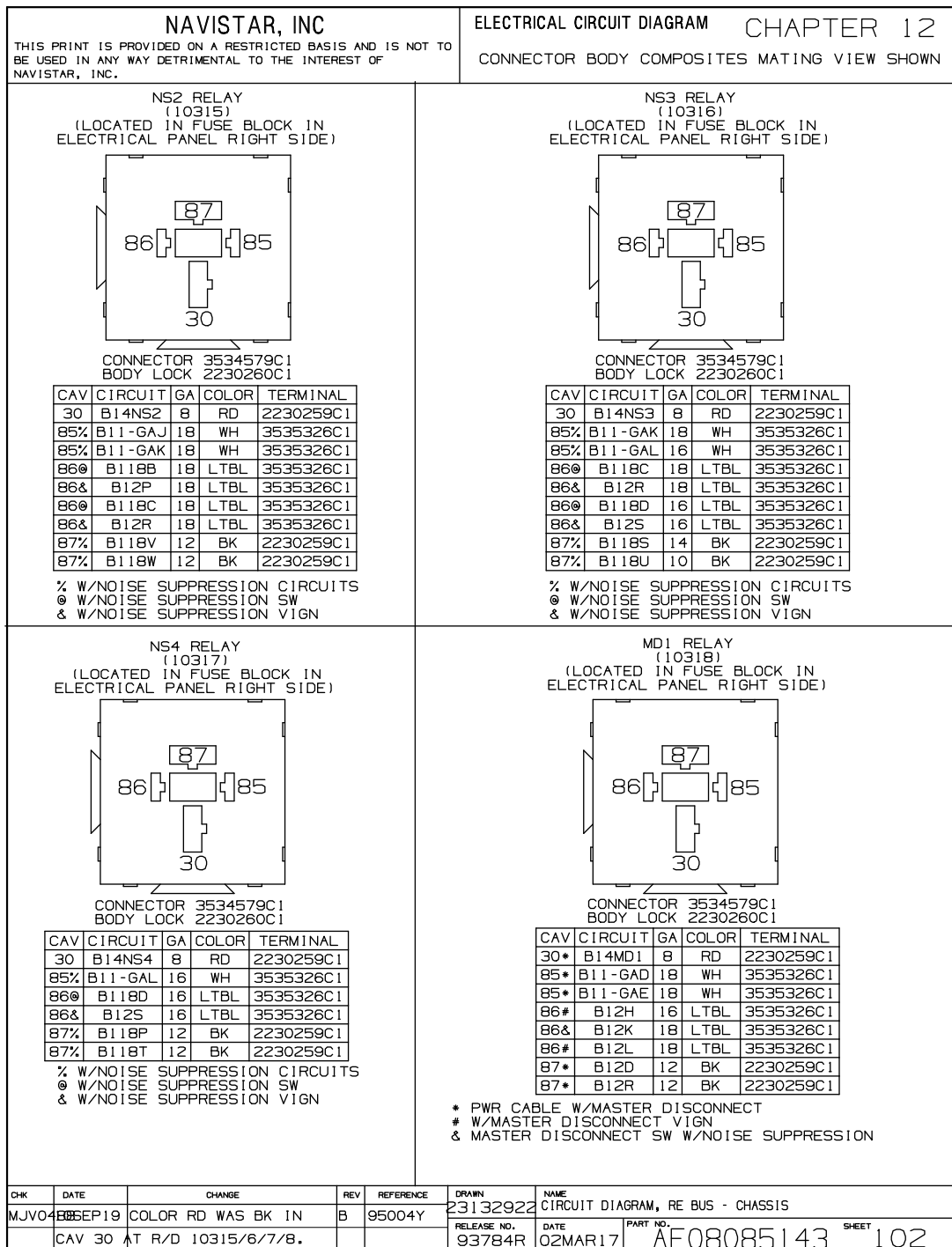


Figure 217 Connector Body Composites (10315, 10316, 10317, 10318)

12.107. CONNECTOR BODY COMPOSITES (10319, 10320, 10321, 10322), P. 103

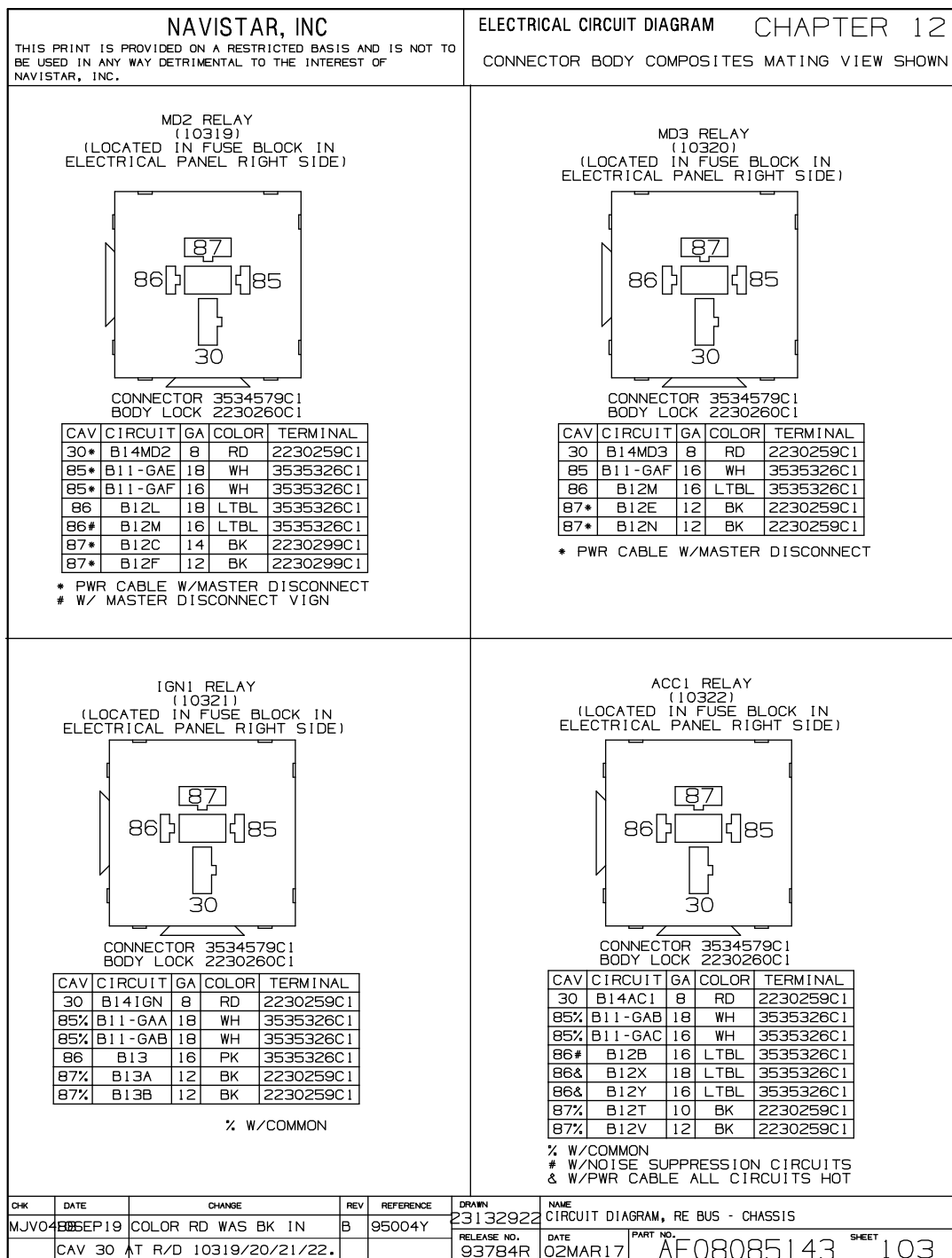


Figure 218 Connector Body Composites (10319, 10320, 10321, 10322)

12.108. CONNECTOR BODY COMPOSITES (10323, 10326), P. 104

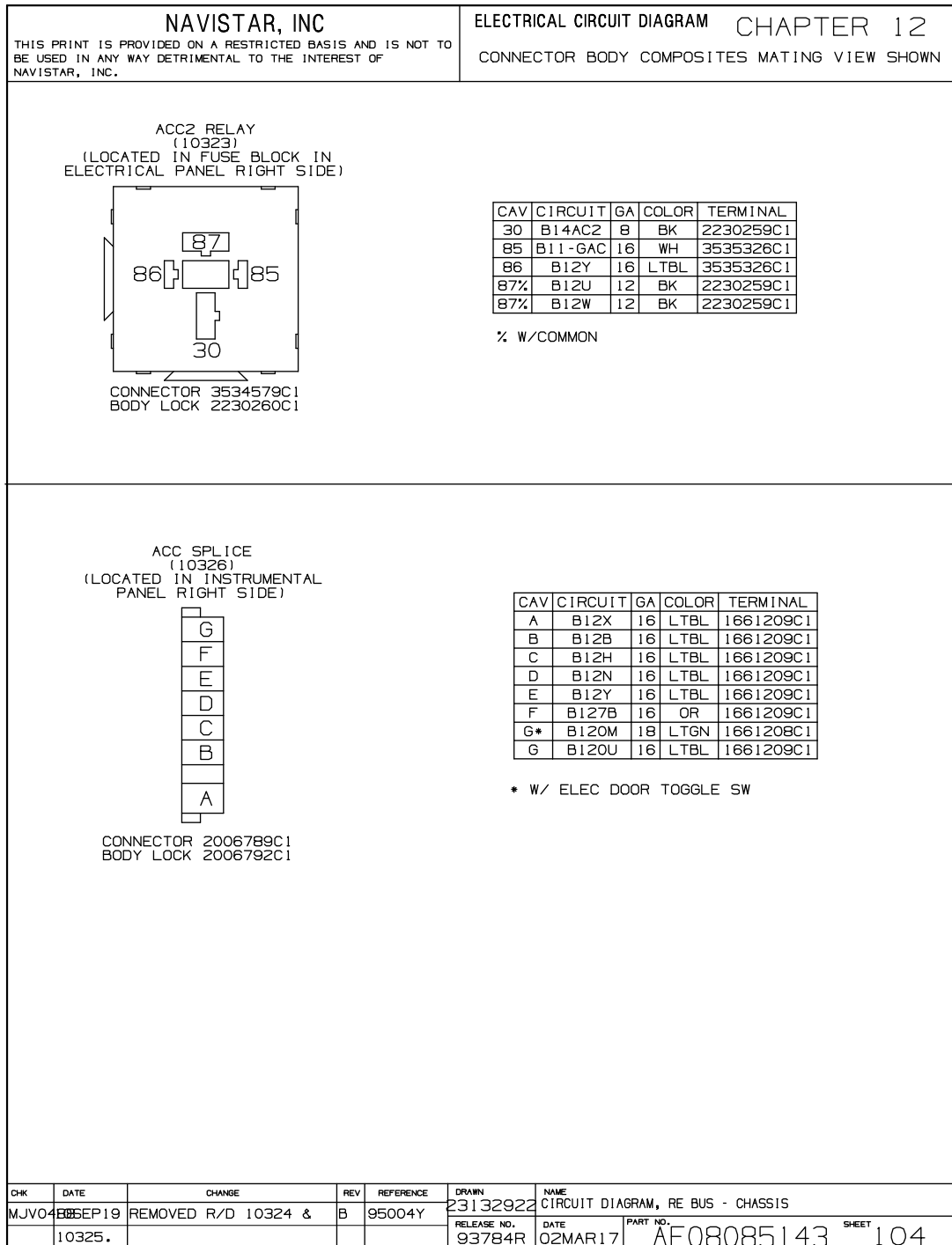


Figure 219 Connector Body Composites (10323, 10326)

12.109. CONNECTOR BODY COMPOSITES (10327, 10328), P. 105

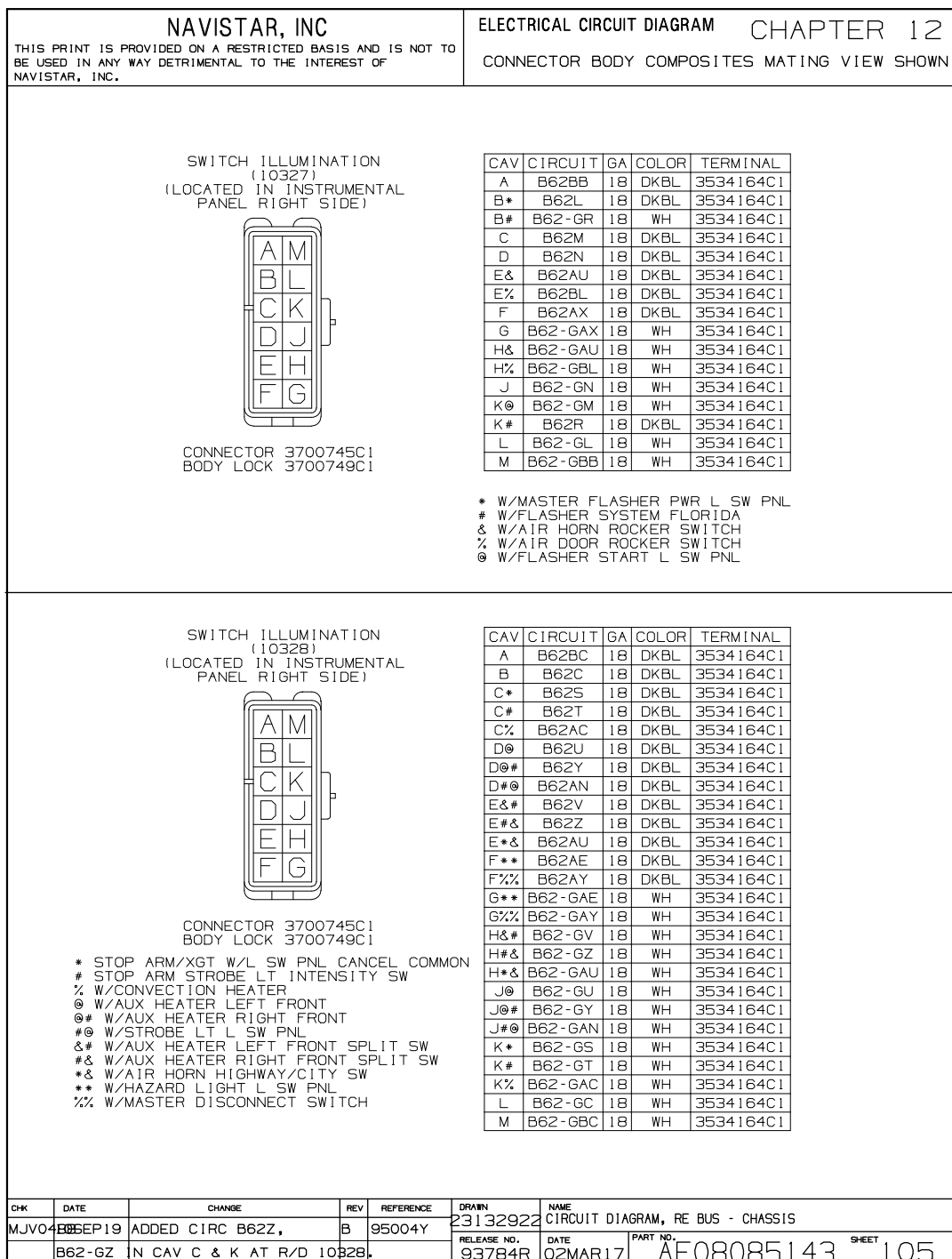


Figure 220 Connector Body Composites (10327, 10328)

12.110. CONNECTOR BODY COMPOSITES (10329, 10330), P. 106

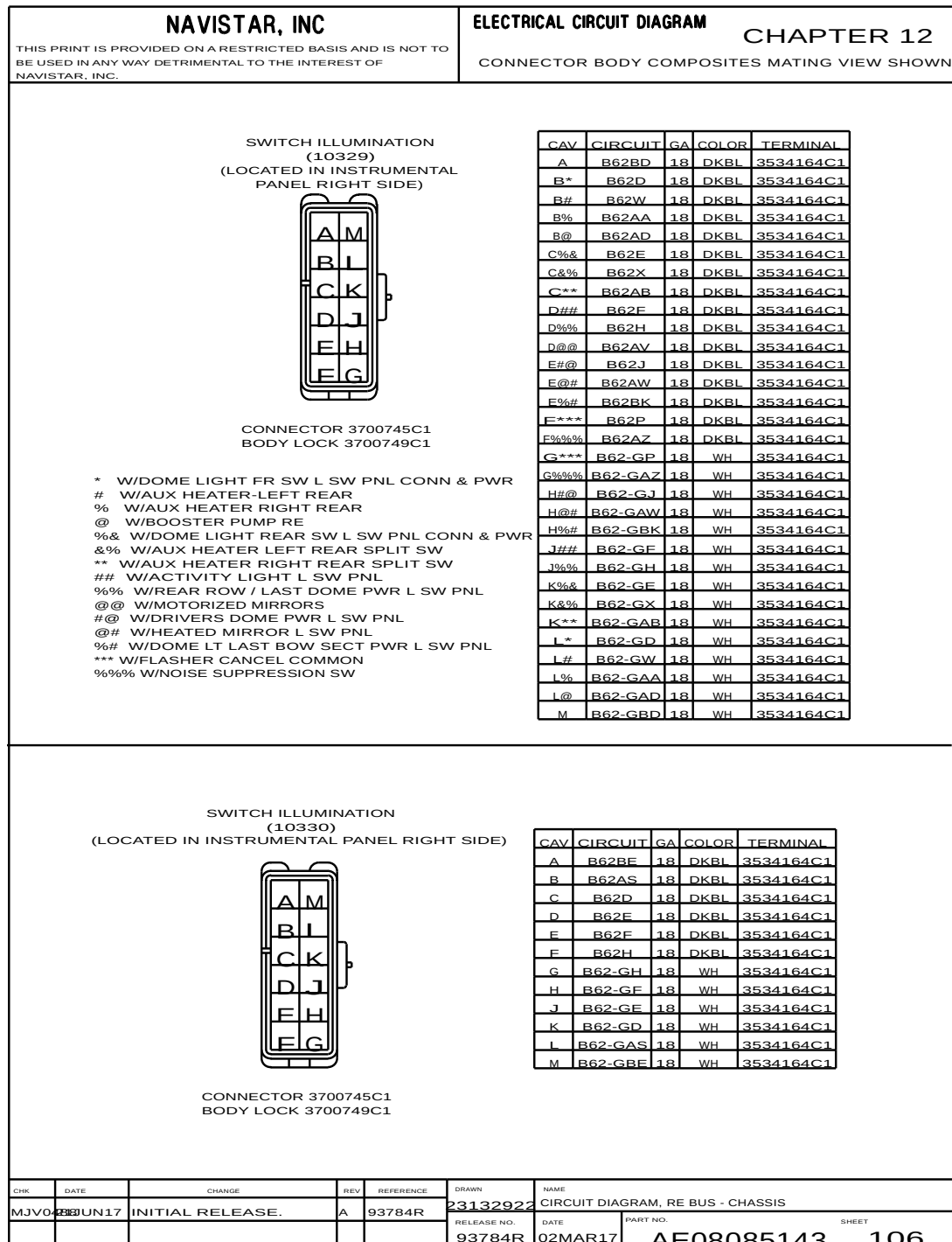


Figure 221 Connector Body Composites (10329, 10330)

12.111. CONNECTOR BODY COMPOSITES (10331, 10332, 10333), P. 107

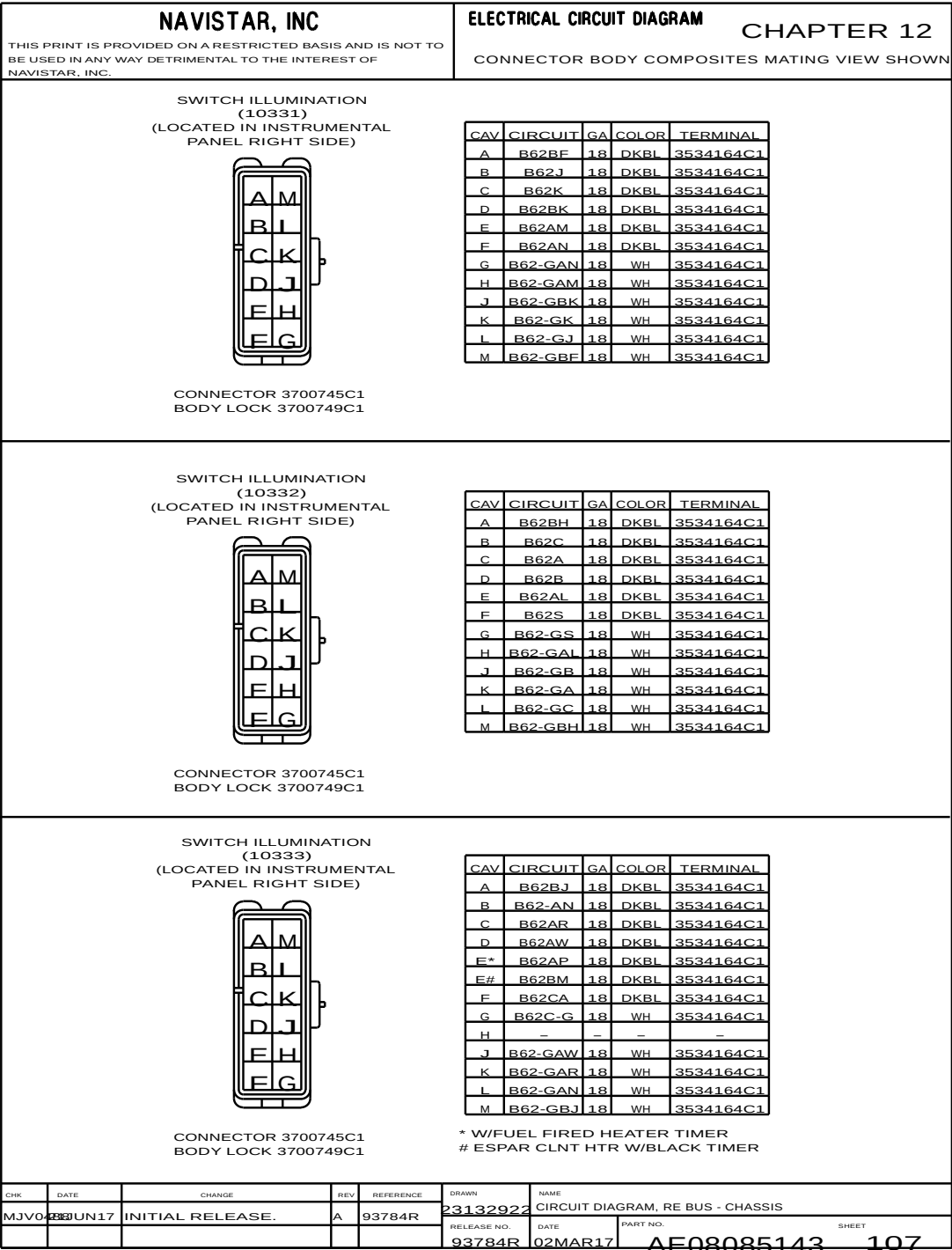


Figure 222 Connector Body Composites (10331, 10332, 10333)

12.112. CONNECTOR BODY COMPOSITES (10334, 10335), P. 108

NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 12																																																																																																										
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GROUND SPLICE (10334) (LOCATED AT LEFT SIDE OF INSTRUMENTAL PANEL) K J H G F E D C B A CONNECTOR 2007315C1 BODY LOCK 2007316C1					<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>B11-GH</td><td>10</td><td>WH</td><td>1661211C1</td></tr> <tr><td>B*</td><td>B120-GG</td><td>14</td><td>WH</td><td>3566715C1</td></tr> <tr><td>B#</td><td>B120-G</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>B%</td><td>B120-GT</td><td>16</td><td>WH</td><td>1661209C1</td></tr> <tr><td>B&</td><td>B120-GL</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>C@</td><td>B120-GG</td><td>14</td><td>WH</td><td>3566715C1</td></tr> <tr><td>C*&</td><td>B123-G</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>C&</td><td>B81-GA</td><td>16</td><td>WH</td><td>1661209C1</td></tr> <tr><td>C&*</td><td>B120-GM</td><td>16</td><td>WH</td><td>1661209C1</td></tr> <tr><td>C**</td><td>B123-G</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>D</td><td>B81-G</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>E</td><td>B75-GB</td><td>16</td><td>WH</td><td>1661209C1</td></tr> <tr><td>F</td><td>B133-GA</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr> <tr><td>G</td><td>B132-GB</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>H</td><td>B76-GA</td><td>14</td><td>WH</td><td>3566715C1</td></tr> <tr><td>J</td><td>B76-GB</td><td>14</td><td>WH</td><td>3566715C1</td></tr> <tr><td>K</td><td>B119-GT</td><td>18</td><td>GY</td><td>1661208C1</td></tr> </tbody> </table> * W/MOMENTARY ELEC DOOR TOGGLE SW # W/AIR DOOR COMMON % W/ELEC DOOR ROTARY SW & W/ELEC DOOR TOGGLE SW @ W/ELECTRIC DOOR CONTROL EXTERIOR & INTERIOR TOGGLE SW *& W/AIR DOOR ROTARY SW &* W/ELEC DOOR SEDAN DOOR ** W/RIGHT HAND AIR DOOR ROTARY SW				CAV	CIRCUIT	GA	COLOR	TERMINAL	A	B11-GH	10	WH	1661211C1	B*	B120-GG	14	WH	3566715C1	B#	B120-G	18	WH	1661208C1	B%	B120-GT	16	WH	1661209C1	B&	B120-GL	18	WH	1661208C1	C@	B120-GG	14	WH	3566715C1	C*&	B123-G	18	WH	1661208C1	C&	B81-GA	16	WH	1661209C1	C&*	B120-GM	16	WH	1661209C1	C**	B123-G	18	WH	1661208C1	D	B81-G	18	WH	1661208C1	E	B75-GB	16	WH	1661209C1	F	B133-GA	18	LTGN	1661208C1	G	B132-GB	18	WH	1661208C1	H	B76-GA	14	WH	3566715C1	J	B76-GB	14	WH	3566715C1	K	B119-GT	18	GY	1661208C1															
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C*&	B123-G	18	WH	1661208C1																																																																																																													
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D	B81-G	18	WH	1661208C1																																																																																																													
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J	B76-GB	14	WH	3566715C1																																																																																																													
K	B119-GT	18	GY	1661208C1																																																																																																													
GROUND SPLICE (10335) (LOCATED AT LEFT SIDE OF INSTRUMENTAL PANEL) K J H G F E D C B A CONNECTOR 2007315C1 BODY LOCK 2007316C1					<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>B11-GK</td><td>10</td><td>WH</td><td>1661211C1</td></tr> <tr><td>B</td><td>B64-GC</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>C*</td><td>B85-G</td><td>16</td><td>WH</td><td>1661209C1</td></tr> <tr><td>C#</td><td>B85-GA</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>C%</td><td>B125-G</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>C&</td><td>B85-G</td><td>14</td><td>WH</td><td>3566715C1</td></tr> <tr><td>D**</td><td>B120-GS</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>D%%</td><td>B63-GA</td><td>16</td><td>WH</td><td>1661209C1</td></tr> <tr><td>E</td><td>B63-GAL</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>F</td><td>B123-GF</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>G*</td><td>B11G</td><td>14</td><td>WH</td><td>3566715C1</td></tr> <tr><td>G#</td><td>B11G</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>G&</td><td>B125B-G</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>H</td><td>B11-GF</td><td>16</td><td>WH</td><td>1661209C1</td></tr> <tr><td>J&&</td><td>B119-GK</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>J@</td><td>B119-GM</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>J*%</td><td>B11-GE</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>J%*</td><td>B11-GZ</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>K***</td><td>B119-GL</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>K%%%</td><td>B119-GR</td><td>18</td><td>WH</td><td>1661208C1</td></tr> </tbody> </table> * W/POST TRIP W/SNOOZE # W/THEFTMATE N/SNOOZE %* W/STOP ALARM/CROSSING GATE %* W/STOP ALARM/XING GATE N/CNCL W/ZONAR % W/POST TRIP INSPECTION CHECK MATE & W/POST TRIP INSPECTION WITH CHECKMATE ** W/DOME LT ON W/ENTR DOOR %% DOME LT ON W/REAR EMER EXIT W/INTLK OR ANY EMER EXIT @@ W/POST TRIP INSPECTION CRS && W/STOP ARM/XGT W/L SW PNL CANCEL COMMON @ W/STOP ARM/XGT FLORIDA *** W/XGT EXTEND W/CANCEL AIR %% W/STOP ARM CANCEL OVERHEAD CHIME GND				CAV	CIRCUIT	GA	COLOR	TERMINAL	A	B11-GK	10	WH	1661211C1	B	B64-GC	18	WH	1661208C1	C*	B85-G	16	WH	1661209C1	C#	B85-GA	18	WH	1661208C1	C%	B125-G	18	WH	1661208C1	C&	B85-G	14	WH	3566715C1	D**	B120-GS	18	WH	1661208C1	D%%	B63-GA	16	WH	1661209C1	E	B63-GAL	18	WH	1661208C1	F	B123-GF	18	WH	1661208C1	G*	B11G	14	WH	3566715C1	G#	B11G	18	WH	1661208C1	G&	B125B-G	18	WH	1661208C1	H	B11-GF	16	WH	1661209C1	J&&	B119-GK	18	WH	1661208C1	J@	B119-GM	18	WH	1661208C1	J*%	B11-GE	18	WH	1661208C1	J%*	B11-GZ	18	WH	1661208C1	K***	B119-GL	18	WH	1661208C1	K%%%	B119-GR	18	WH	1661208C1
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																																																																													
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MJVO	08SEP19	ADDED CIRC IN CAV C,G,B	B	95004Y	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS																																																																																																											
H & J A	R/D 10335.				RELEASE NO.	DATE	PART NO.	SHEET																																																																																																									
					937B4R	02MAR17	AE08085143	108																																																																																																									

Figure 223 Connector Body Composites (10334, 10335)

12.113. CONNECTOR BODY COMPOSITES (10336, 10337), P. 109

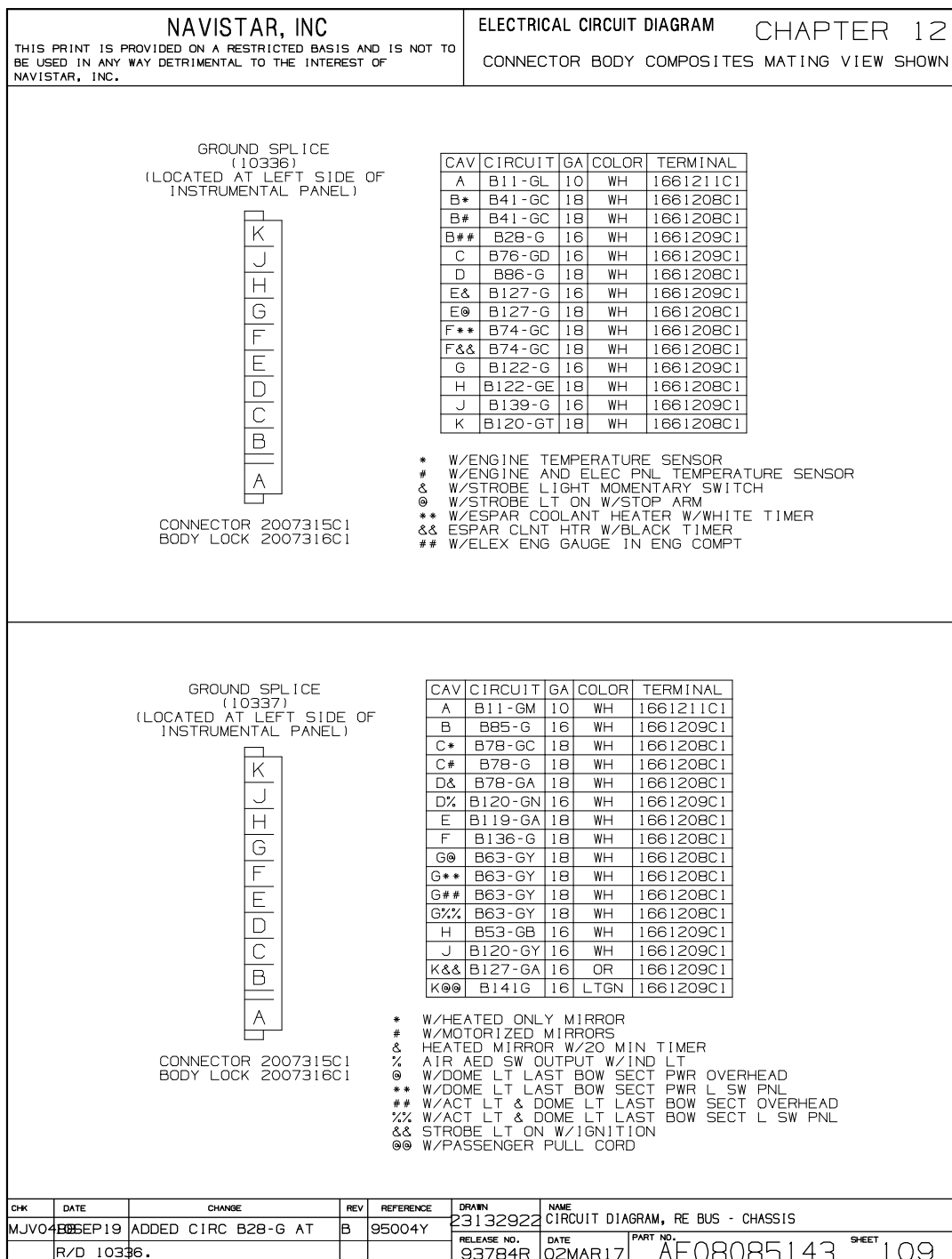


Figure 224 Connector Body Composites (10336, 10337)

12.114. CONNECTOR BODY COMPOSITES (10340F, 10340M, 10341, 10344A), P. 110

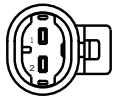
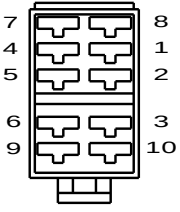
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 12																																																		
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WARNING LIGHT OPTIONS (10340F) (LOCATED IN ELECTRICAL PANEL)  CONNECTOR 1661260C1 BODY LOCK 1661264C1 <table border="1" style="width: 100%; border-collapse: 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>B127D</td><td>16</td><td>OR</td><td>1661262C1</td></tr><tr><td>B</td><td>B127E</td><td>16</td><td>OR</td><td>1661262C1</td></tr></tbody></table>							CAV	CIRCUIT	GA	COLOR	TERMINAL	A	B127D	16	OR	1661262C1	B	B127E	16	OR	1661262C1																																			
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B	B127E	16	OR	1661262C1																																																				
WARNING LIGHT OPTIONS (10340M) (LOCATED IN ELECTRICAL PANEL)  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>GA</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>B89A</td><td>18</td><td>OR</td><td>1661261C1</td></tr><tr><td>B</td><td>B89B</td><td>18</td><td>OR</td><td>1661261C1</td></tr></tbody></table>							CAV	CIRCUIT	GA	COLOR	TERMINAL	A	B89A	18	OR	1661261C1	B	B89B	18	OR	1661261C1																																			
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																				
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B	B89B	18	OR	1661261C1																																																				
ELEC COMPT LIGHT (10341) (LOCATED IN ELECTRICAL PANEL)  CONNECTOR 2206588C1 <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>B136A</td><td>18</td><td>YL</td><td>3522190C1</td><td>3522193C1</td></tr><tr><td>2</td><td>B136-G</td><td>18</td><td>WH</td><td>3522190C1</td><td>3522193C1</td></tr></tbody></table>							CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	1	B136A	18	YL	3522190C1	3522193C1	2	B136-G	18	WH	3522190C1	3522193C1																																
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																																			
1	B136A	18	YL	3522190C1	3522193C1																																																			
2	B136-G	18	WH	3522190C1	3522193C1																																																			
DOME LIGHT LAST BOW SECT (10344A) (LOCATED IN ELECTRICAL PANEL)  CONNECTOR 3530563C1 <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>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>2*</td><td>B63BA</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr><tr><td>2&</td><td>B63AY</td><td>16</td><td>DKBL</td><td>1661226C1</td></tr><tr><td>3#</td><td>B63BC</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr><tr><td>3%</td><td>B63BF</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr><tr><td>4-6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>7</td><td>B62-GBK</td><td>18</td><td>WH</td><td>1661224C1</td></tr><tr><td>8</td><td>B62BK</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr><tr><td>9-10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table> * W/ACT LT & DOME LT LAST BOW SECT OVERHEAD & W/DOME LT LAST BOW SECT PWR OVERHEAD # W/DOME LT LAST BOW SECT W/RHEO OVERHEAD % W/DOME LT LAST BOW SECT N/RHEO OVERHEAD							CAV	CIRCUIT	GA	COLOR	TERMINAL	1	-	-	-	-	2*	B63BA	18	DKBL	1661224C1	2&	B63AY	16	DKBL	1661226C1	3#	B63BC	18	DKBL	1661224C1	3%	B63BF	18	DKBL	1661224C1	4-6	-	-	-	-	7	B62-GBK	18	WH	1661224C1	8	B62BK	18	DKBL	1661224C1	9-10	-	-	-	-
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																				
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4-6	-	-	-	-																																																				
7	B62-GBK	18	WH	1661224C1																																																				
8	B62BK	18	DKBL	1661224C1																																																				
9-10	-	-	-	-																																																				
<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"><tr><td style="width: 10%;">CHK</td><td style="width: 10%;">DATE</td><td style="width: 20%;">CHANGE</td><td style="width: 10%;">REV</td><td style="width: 10%;">REFERENCE</td><td style="width: 10%;">DRAWN</td><td style="width: 40%;">NAME</td></tr><tr><td>MJVO</td><td>03JUN17</td><td>INITIAL RELEASE.</td><td>A</td><td>93784R</td><td>23132922</td><td>CIRCUIT DIAGRAM, RE BUS - CHASSIS</td></tr><tr><td colspan="5"></td><td>RELEASE NO.</td><td>DATE</td></tr><tr><td colspan="5"></td><td>93784R</td><td>02MAR17</td></tr><tr><td colspan="5"></td><td>PART NO.</td><td>SHEET</td></tr><tr><td colspan="5"></td><td>AE08085143</td><td>110</td></tr></table>							CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	MJVO	03JUN17	INITIAL RELEASE.	A	93784R	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS						RELEASE NO.	DATE						93784R	02MAR17						PART NO.	SHEET						AE08085143	110								
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					93784R	02MAR17																																																		
					PART NO.	SHEET																																																		
					AE08085143	110																																																		

Figure 225 Connector Body Composites (10340F, 10340M, 10341, 10344A)

12.115. CONNECTOR BODY COMPOSITES (10344B, 10345, 10346), P. 111

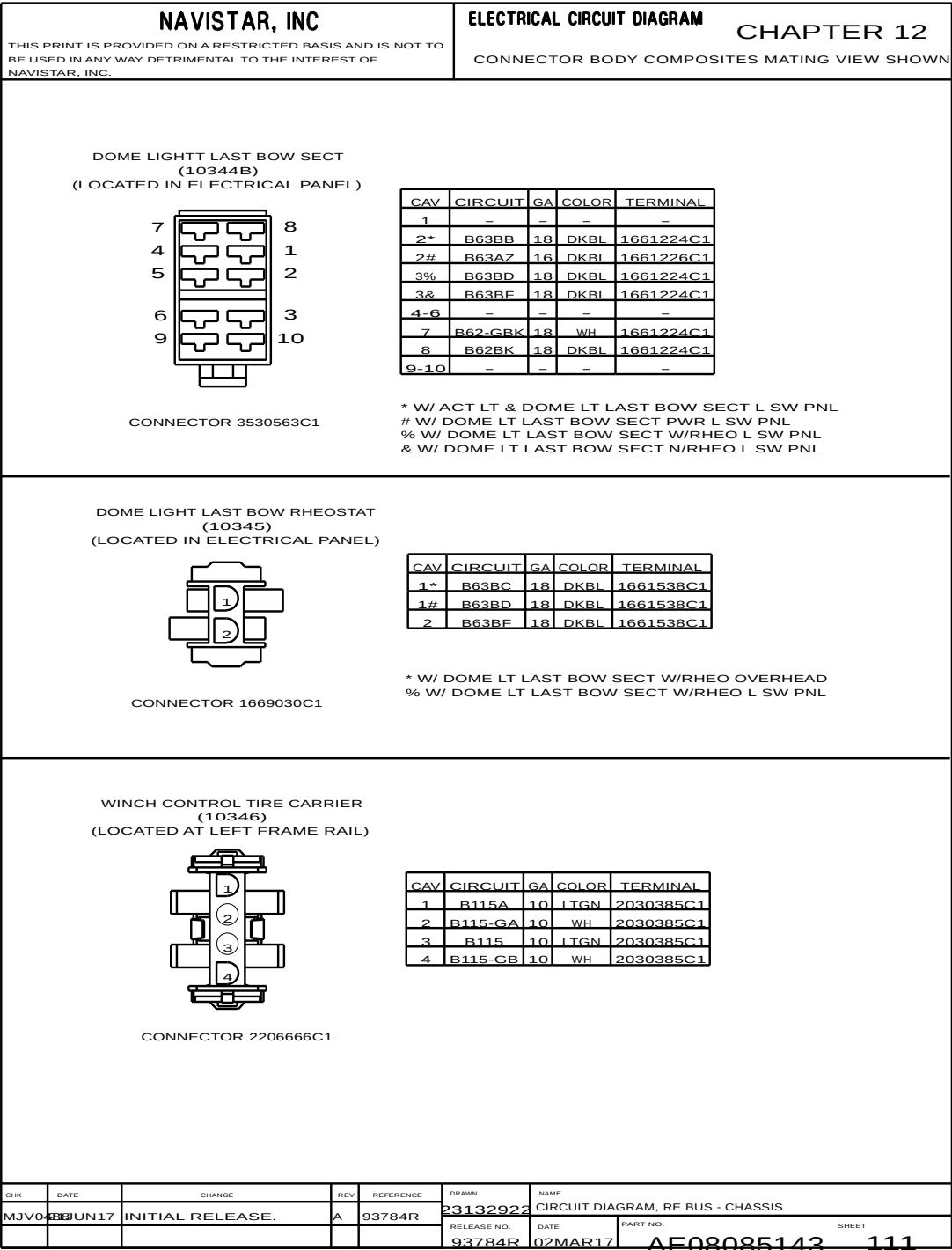


Figure 226 Connector Body Composites (10344B, 10345, 10346)

12.116. CONNECTOR BODY COMPOSITES (10348, 10351, 10352), P. 112

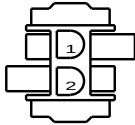
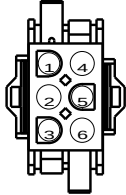
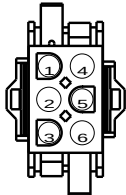
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 12																																			
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TWO-WAY RADIO SUPPLY (10348) (LOCATED IN ELECTRICAL PANEL)  CONNECTOR 1669030C1 <table border="1" style="font-size: x-small;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>B86B</td><td>14</td><td>LTGN</td><td>1661538C1</td></tr><tr><td>2</td><td>B86-GA</td><td>14</td><td>WH</td><td>1661538C1</td></tr></tbody></table>							CAV	CIRCUIT	GA	COLOR	TERMINAL	1	B86B	14	LTGN	1661538C1	2	B86-GA	14	WH	1661538C1																				
CAV	CIRCUIT	GA	COLOR	TERMINAL																																					
1	B86B	14	LTGN	1661538C1																																					
2	B86-GA	14	WH	1661538C1																																					
JOMARR BUZZER (10351) (LOCATED IN ELECTRICAL PANEL)  CONNECTOR 2206667C1 <table border="1" style="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>B144H</td><td>16</td><td>GY</td><td>1661538C1</td></tr><tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>3</td><td>B144J</td><td>16</td><td>GY</td><td>1661538C1</td></tr><tr><td>4</td><td>B144</td><td>16</td><td>GY</td><td>1661538C1</td></tr><tr><td>5</td><td>B144GB</td><td>16</td><td>WH</td><td>1661538C1</td></tr><tr><td>6</td><td>B144B</td><td>16</td><td>GY</td><td>1661538C1</td></tr></tbody></table>							CAV	CIRCUIT	GA	COLOR	TERMINAL	1	B144H	16	GY	1661538C1	2	-	-	-	-	3	B144J	16	GY	1661538C1	4	B144	16	GY	1661538C1	5	B144GB	16	WH	1661538C1	6	B144B	16	GY	1661538C1
CAV	CIRCUIT	GA	COLOR	TERMINAL																																					
1	B144H	16	GY	1661538C1																																					
2	-	-	-	-																																					
3	B144J	16	GY	1661538C1																																					
4	B144	16	GY	1661538C1																																					
5	B144GB	16	WH	1661538C1																																					
6	B144B	16	GY	1661538C1																																					
JOMARR IND PNL (10352) (LOCATED IN ELECTRICAL PANEL)  CONNECTOR 2206667C1 <table border="1" style="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>B144H</td><td>16</td><td>GY</td><td>1661538C1</td></tr><tr><td>2</td><td>B144GH</td><td>16</td><td>WH</td><td>1661538C1</td></tr><tr><td>3</td><td>B144J</td><td>16</td><td>GY</td><td>1661538C1</td></tr><tr><td>4</td><td>B144GJ</td><td>16</td><td>WH</td><td>1661538C1</td></tr><tr><td>5</td><td>B144E</td><td>16</td><td>GY</td><td>1661538C1</td></tr><tr><td>6</td><td>B144F</td><td>16</td><td>GY</td><td>1661538C1</td></tr></tbody></table>							CAV	CIRCUIT	GA	COLOR	TERMINAL	1	B144H	16	GY	1661538C1	2	B144GH	16	WH	1661538C1	3	B144J	16	GY	1661538C1	4	B144GJ	16	WH	1661538C1	5	B144E	16	GY	1661538C1	6	B144F	16	GY	1661538C1
CAV	CIRCUIT	GA	COLOR	TERMINAL																																					
1	B144H	16	GY	1661538C1																																					
2	B144GH	16	WH	1661538C1																																					
3	B144J	16	GY	1661538C1																																					
4	B144GJ	16	WH	1661538C1																																					
5	B144E	16	GY	1661538C1																																					
6	B144F	16	GY	1661538C1																																					
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																			
MJVO	03JUN17	INITIAL RELEASE.	A	93784R	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS																																			
				RELEASE NO.	DATE	PART NO.																																			
				93784R	02MAR17	AE08085143																																			
						SHEET 112																																			

Figure 227 Connector Body Composites (10348, 10351, 10352)

12.117. CONNECTOR BODY COMPOSITES, (10353, 10354, 10358), P. 113

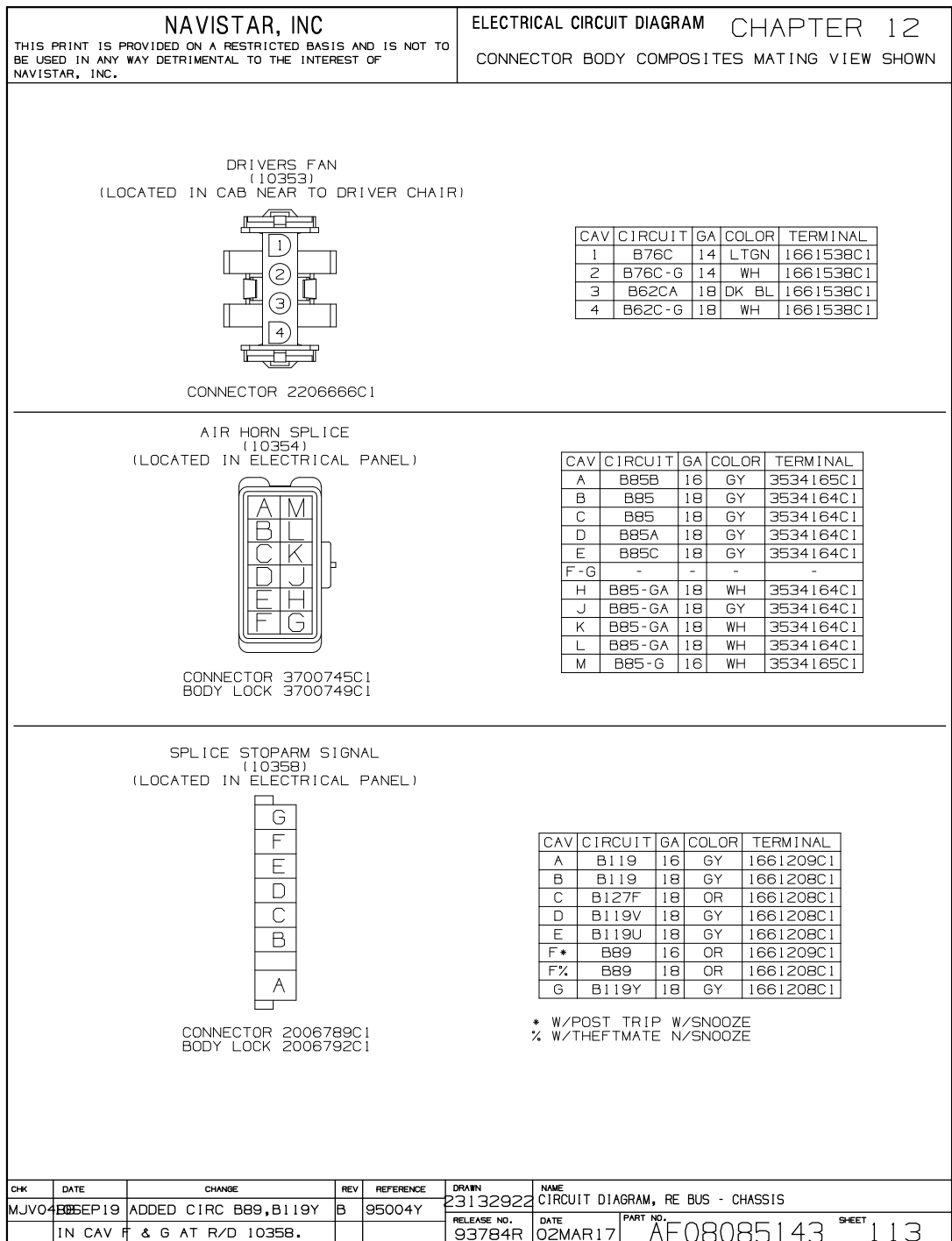


Figure 228 Connector Body Composites, (10353, 10354, 10358)

12.118. CONNECTOR BODY COMPOSITES (10360, 10365, 10368, 10398), P. 114

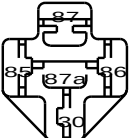
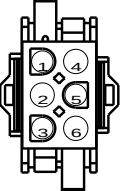
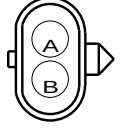
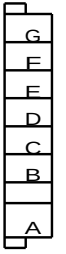
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 12																																							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.										CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																							
STROBE LIGHT MODULE (10360) (LOCATED IN ELECTRICAL PANEL)																																																	
										<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></tr></thead><tbody><tr><td>30</td><td>B127B</td><td>16</td><td>OR</td><td>0556897C1</td></tr><tr><td>30</td><td>B127C</td><td>16</td><td>OR</td><td>0556897C1</td></tr><tr><td>85</td><td>B127-G</td><td>16</td><td>WH</td><td>0239805R1</td></tr><tr><td>86</td><td>B127A</td><td>16</td><td>BK</td><td>0239805R1</td></tr><tr><td>87</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>87a</td><td>B127D</td><td>16</td><td>OR</td><td>0239805R1</td></tr></tbody></table>					CAV	CIRCUIT	GA	COLOR	TERMINAL	30	B127B	16	OR	0556897C1	30	B127C	16	OR	0556897C1	85	B127-G	16	WH	0239805R1	86	B127A	16	BK	0239805R1	87	-	-	-	-	87a	B127D	16	OR	0239805R1
CAV	CIRCUIT	GA	COLOR	TERMINAL																																													
30	B127B	16	OR	0556897C1																																													
30	B127C	16	OR	0556897C1																																													
85	B127-G	16	WH	0239805R1																																													
86	B127A	16	BK	0239805R1																																													
87	-	-	-	-																																													
87a	B127D	16	OR	0239805R1																																													
CONNECTOR 2206594C1																																																	
WEBASTO HEATER (10365) (LOCATED IN ELECTRICAL PANEL)																																																	
										<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></tr></thead><tbody><tr><td>1</td><td>B75AH</td><td>12</td><td>RD</td><td>2030385C1</td></tr><tr><td>2</td><td>B75-GF</td><td>12</td><td>WH</td><td>2030385C1</td></tr><tr><td>3</td><td>B75AL</td><td>16</td><td>RD</td><td>1661538C1</td></tr><tr><td>4</td><td>B75AP</td><td>18</td><td>LTGN</td><td>1661538C1</td></tr><tr><td>5-6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>					CAV	CIRCUIT	GA	COLOR	TERMINAL	1	B75AH	12	RD	2030385C1	2	B75-GF	12	WH	2030385C1	3	B75AL	16	RD	1661538C1	4	B75AP	18	LTGN	1661538C1	5-6	-	-	-	-					
CAV	CIRCUIT	GA	COLOR	TERMINAL																																													
1	B75AH	12	RD	2030385C1																																													
2	B75-GF	12	WH	2030385C1																																													
3	B75AL	16	RD	1661538C1																																													
4	B75AP	18	LTGN	1661538C1																																													
5-6	-	-	-	-																																													
CONNECTOR 2206667C1																																																	
HEATED AIR SEAT (10368) (LOCATED AT DRIVER SEAT)																																																	
										REE SPLICE (10386) (LOCATED AT NEAR FLASHER MODULE)																																							
CONNECTOR 0587567C91																																																	
<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>B105-G</td><td>16</td><td>WH</td><td>0587577C1</td><td>1652325C1</td></tr><tr><td>B</td><td>B105</td><td>16</td><td>LTGN</td><td>0587577C1</td><td>1652325C1</td></tr></tbody></table>										CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	B105-G	16	WH	0587577C1	1652325C1	B	B105	16	LTGN	0587577C1	1652325C1																						
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																												
A	B105-G	16	WH	0587577C1	1652325C1																																												
B	B105	16	LTGN	0587577C1	1652325C1																																												
OVERHEAD LOCKING COMPT (10398) (LOCATED IN ELECTRICAL PANEL)																																																	
										CONNECTOR 2006789C1 BODY LOCK 2006792C1																																							
CONNECTOR 1661259C1 BODY LOCK 1661263C1										<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></tr></thead><tbody><tr><td>A</td><td>B117</td><td>18</td><td>GY</td><td>1661208C1</td></tr><tr><td>B</td><td>B117C</td><td>18</td><td>GY</td><td>1661208C1</td></tr><tr><td>C</td><td>B117A</td><td>18</td><td>GY</td><td>1661208C1</td></tr><tr><td>D</td><td>B117D</td><td>18</td><td>GY</td><td>1661208C1</td></tr><tr><td>E-G</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>					CAV	CIRCUIT	GA	COLOR	TERMINAL	A	B117	18	GY	1661208C1	B	B117C	18	GY	1661208C1	C	B117A	18	GY	1661208C1	D	B117D	18	GY	1661208C1	E-G	-	-	-	-					
CAV	CIRCUIT	GA	COLOR	TERMINAL																																													
A	B117	18	GY	1661208C1																																													
B	B117C	18	GY	1661208C1																																													
C	B117A	18	GY	1661208C1																																													
D	B117D	18	GY	1661208C1																																													
E-G	-	-	-	-																																													
CONNECTOR 1661261C1																																																	
<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></tr></thead><tbody><tr><td>A</td><td>B184</td><td>16</td><td>GY</td><td>1661261C1</td></tr><tr><td>B</td><td>B184-G</td><td>16</td><td>WH</td><td>1661261C1</td></tr></tbody></table>										CAV	CIRCUIT	GA	COLOR	TERMINAL	A	B184	16	GY	1661261C1	B	B184-G	16	WH	1661261C1																									
CAV	CIRCUIT	GA	COLOR	TERMINAL																																													
A	B184	16	GY	1661261C1																																													
B	B184-G	16	WH	1661261C1																																													
<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>MJVO</td><td>03JUN17</td><td>INITIAL RELEASE.</td><td>A</td><td>93784R</td><td>23132922</td><td>CIRCUIT DIAGRAM, RE BUS - CHASSIS</td></tr><tr><td colspan="5"></td><td>RELEASE NO.</td><td>DATE</td><td>PART NO.</td><td colspan="2">SHEET</td></tr><tr><td colspan="5"></td><td>93784R</td><td>02MAR17</td><td>AE08085143</td><td colspan="2">114</td></tr></tbody></table>															CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	MJVO	03JUN17	INITIAL RELEASE.	A	93784R	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS						RELEASE NO.	DATE	PART NO.	SHEET							93784R	02MAR17	AE08085143	114		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																											
MJVO	03JUN17	INITIAL RELEASE.	A	93784R	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS																																											
					RELEASE NO.	DATE	PART NO.	SHEET																																									
					93784R	02MAR17	AE08085143	114																																									

Figure 229 Connector Body Composites (10360, 10365, 10368, 10398)

12.119. CONNECTOR BODY COMPOSITES (10400), P. 115

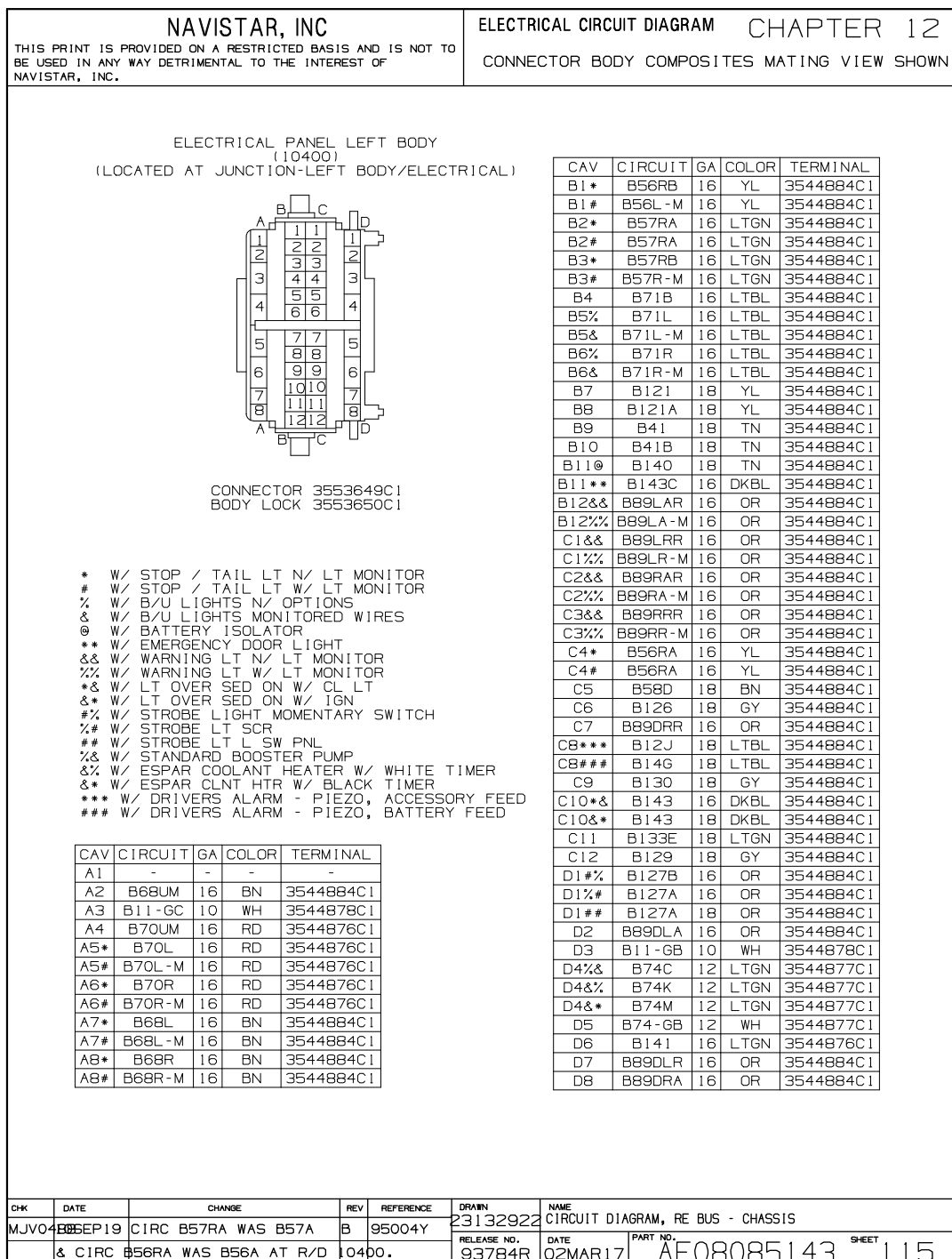


Figure 230 Connector Body Composites (10400)

12.120. CONNECTOR BODY COMPOSITES (10401), P. 116

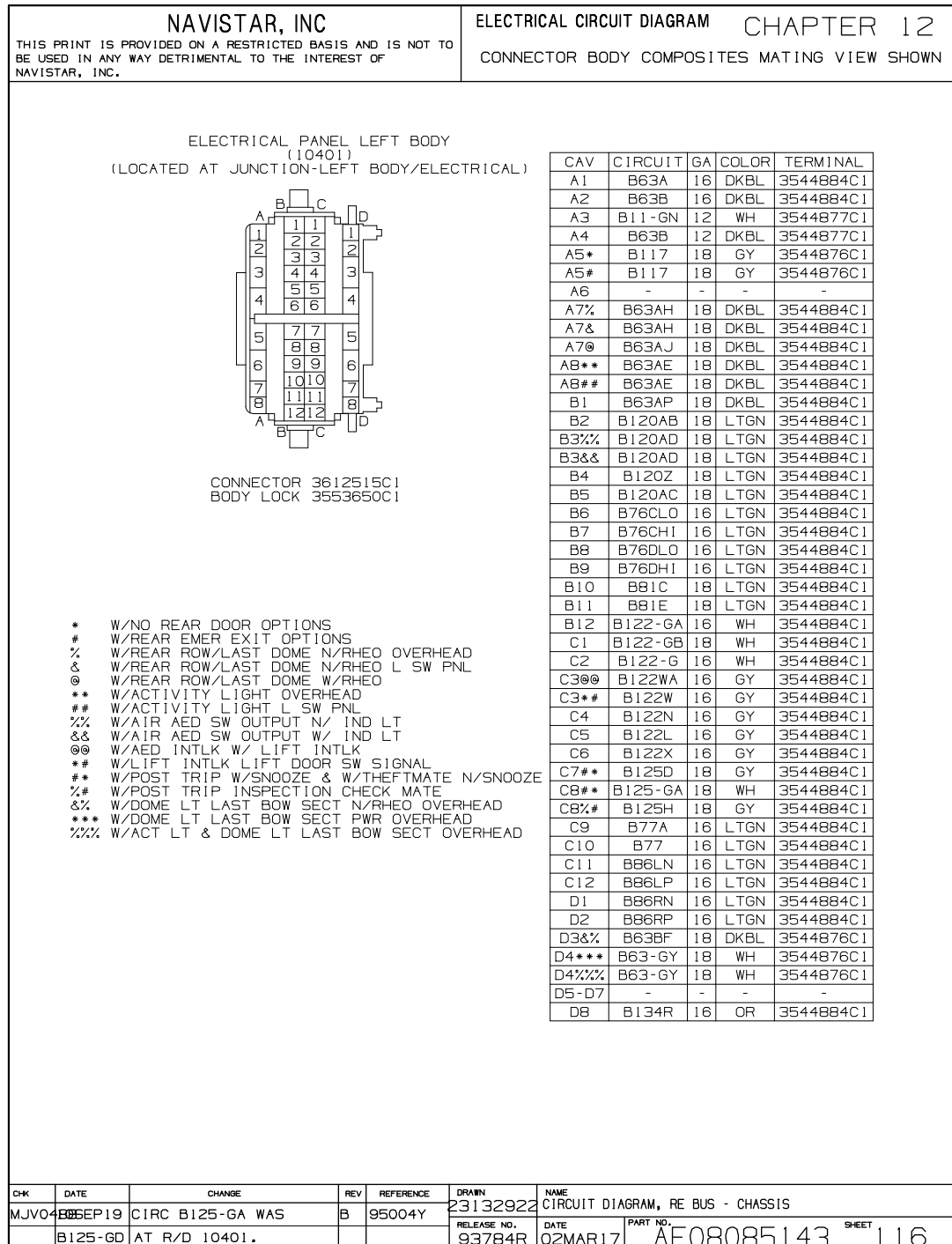


Figure 231 Connector Body Composites (10401)

12.121. CONNECTOR BODY COMPOSITES (10513, 10751, 10751A, 10766), P. 117

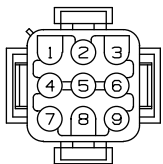
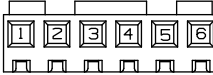
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																																																																								
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																																																								
FIRE SUPPRESSION JOMARR (10513) (LOCATED AT FRONT CAP)  CONNECTOR 2206659C1				<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>B144</td><td>16</td><td>GY</td><td>1661539C1</td></tr><tr><td>2</td><td>B144A</td><td>16</td><td>GY</td><td>1661539C1</td></tr><tr><td>3</td><td>B144B</td><td>16</td><td>GY</td><td>1661539C1</td></tr><tr><td>4</td><td>B144D</td><td>16</td><td>GY</td><td>1661539C1</td></tr><tr><td>5</td><td>B144E</td><td>16</td><td>GY</td><td>1661539C1</td></tr><tr><td>6</td><td>B144F</td><td>16</td><td>GY</td><td>1661539C1</td></tr><tr><td>7</td><td>B144G</td><td>16</td><td>WH</td><td>1661539C1</td></tr><tr><td>B-9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	1	B144	16	GY	1661539C1	2	B144A	16	GY	1661539C1	3	B144B	16	GY	1661539C1	4	B144D	16	GY	1661539C1	5	B144E	16	GY	1661539C1	6	B144F	16	GY	1661539C1	7	B144G	16	WH	1661539C1	B-9	-	-	-	-																																								
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																																																								
1	B144	16	GY	1661539C1																																																																																								
2	B144A	16	GY	1661539C1																																																																																								
3	B144B	16	GY	1661539C1																																																																																								
4	B144D	16	GY	1661539C1																																																																																								
5	B144E	16	GY	1661539C1																																																																																								
6	B144F	16	GY	1661539C1																																																																																								
7	B144G	16	WH	1661539C1																																																																																								
B-9	-	-	-	-																																																																																								
PARK BRAKE WARNING (-) (10751) (LOCATED NEAR DASH CONN IN PLATFORM)  CONNECTOR 0188395R1				<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>A79W-G</td><td>14</td><td>WH</td><td>0188396R1</td></tr></tbody></table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	A	A79W-G	14	WH	0188396R1																																																																											
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																																																								
A	A79W-G	14	WH	0188396R1																																																																																								
PARK BRAKE WARNING (+) (10751A) (LOCATED NEAR DASH CONN IN PLATFORM)  CONNECTOR 0188395R1				<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>A79V</td><td>16</td><td>GY</td><td>0188396R1</td></tr></tbody></table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	A	A79V	16	GY	0188396R1																																																																											
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																																																								
A	A79V	16	GY	0188396R1																																																																																								
EP-1 PLUS (10766) (LOCATED NEAR DRIVER CONTROL MODULE)  CONNECTOR 3761059C1 * W/ PTI N/SPLIT SW DOME LIGHTS # W/ POST TRIP W/ ALTN RELAY LOCATION % W/ POST TRIP W/SNOOZE				<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>B125A</td><td>18</td><td>GY</td><td>3761061C1</td></tr><tr><td>1%</td><td>B14E</td><td>18</td><td>RD</td><td>3761061C1</td></tr><tr><td>1#</td><td>B125A</td><td>18</td><td>GY</td><td>3761061C1</td></tr><tr><td>2*</td><td>B125B-G</td><td>18</td><td>WH</td><td>3761061C1</td></tr><tr><td>2%</td><td>B125-G</td><td>18</td><td>WH</td><td>3761061C1</td></tr><tr><td>2#</td><td>B125B-G</td><td>18</td><td>WH</td><td>3761061C1</td></tr><tr><td>3*</td><td>B125</td><td>18</td><td>GY</td><td>3761061C1</td></tr><tr><td>3%</td><td>B13</td><td>18</td><td>PK</td><td>3761061C1</td></tr><tr><td>3#</td><td>B125</td><td>18</td><td>GY</td><td>3761061C1</td></tr><tr><td>4</td><td>B125D</td><td>18</td><td>GY</td><td>3761061C1</td></tr><tr><td>5*</td><td>B119</td><td>18</td><td>GY</td><td>3761061C1</td></tr><tr><td>5%</td><td>B60B</td><td>18</td><td>OR</td><td>3761061C1</td></tr><tr><td>5#</td><td>B119</td><td>18</td><td>GY</td><td>3761061C1</td></tr><tr><td>6*</td><td>B85</td><td>18</td><td>WH</td><td>3761061C1</td></tr><tr><td>6%</td><td>B53B</td><td>18</td><td>YL</td><td>3761061C1</td></tr><tr><td>6#</td><td>B85</td><td>18</td><td>WH</td><td>3761061C1</td></tr></tbody></table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	1*	B125A	18	GY	3761061C1	1%	B14E	18	RD	3761061C1	1#	B125A	18	GY	3761061C1	2*	B125B-G	18	WH	3761061C1	2%	B125-G	18	WH	3761061C1	2#	B125B-G	18	WH	3761061C1	3*	B125	18	GY	3761061C1	3%	B13	18	PK	3761061C1	3#	B125	18	GY	3761061C1	4	B125D	18	GY	3761061C1	5*	B119	18	GY	3761061C1	5%	B60B	18	OR	3761061C1	5#	B119	18	GY	3761061C1	6*	B85	18	WH	3761061C1	6%	B53B	18	YL	3761061C1	6#	B85	18	WH	3761061C1
CAV	CIRCUIT	GA	COLOR	TERMINAL																																																																																								
1*	B125A	18	GY	3761061C1																																																																																								
1%	B14E	18	RD	3761061C1																																																																																								
1#	B125A	18	GY	3761061C1																																																																																								
2*	B125B-G	18	WH	3761061C1																																																																																								
2%	B125-G	18	WH	3761061C1																																																																																								
2#	B125B-G	18	WH	3761061C1																																																																																								
3*	B125	18	GY	3761061C1																																																																																								
3%	B13	18	PK	3761061C1																																																																																								
3#	B125	18	GY	3761061C1																																																																																								
4	B125D	18	GY	3761061C1																																																																																								
5*	B119	18	GY	3761061C1																																																																																								
5%	B60B	18	OR	3761061C1																																																																																								
5#	B119	18	GY	3761061C1																																																																																								
6*	B85	18	WH	3761061C1																																																																																								
6%	B53B	18	YL	3761061C1																																																																																								
6#	B85	18	WH	3761061C1																																																																																								
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																						
MJV04	28SEP19	ADDED CIRC IN CAV 1,2	B	95004Y	23132922	CIRCUIT DIAGRAM, RE BUS - CHASSIS																																																																																						
	3,4,5,6	AT R/D 10766.			RELEASE NO. 93784R	DATE 02MAR17	PART NO. AE08085143																																																																																					
						SHEET	117																																																																																					

Figure 232 Connector Body Composites (10513, 10751, 10751A, 10766)

12.122. CONNECTOR BODY COMPOSITES (11000), P. 118

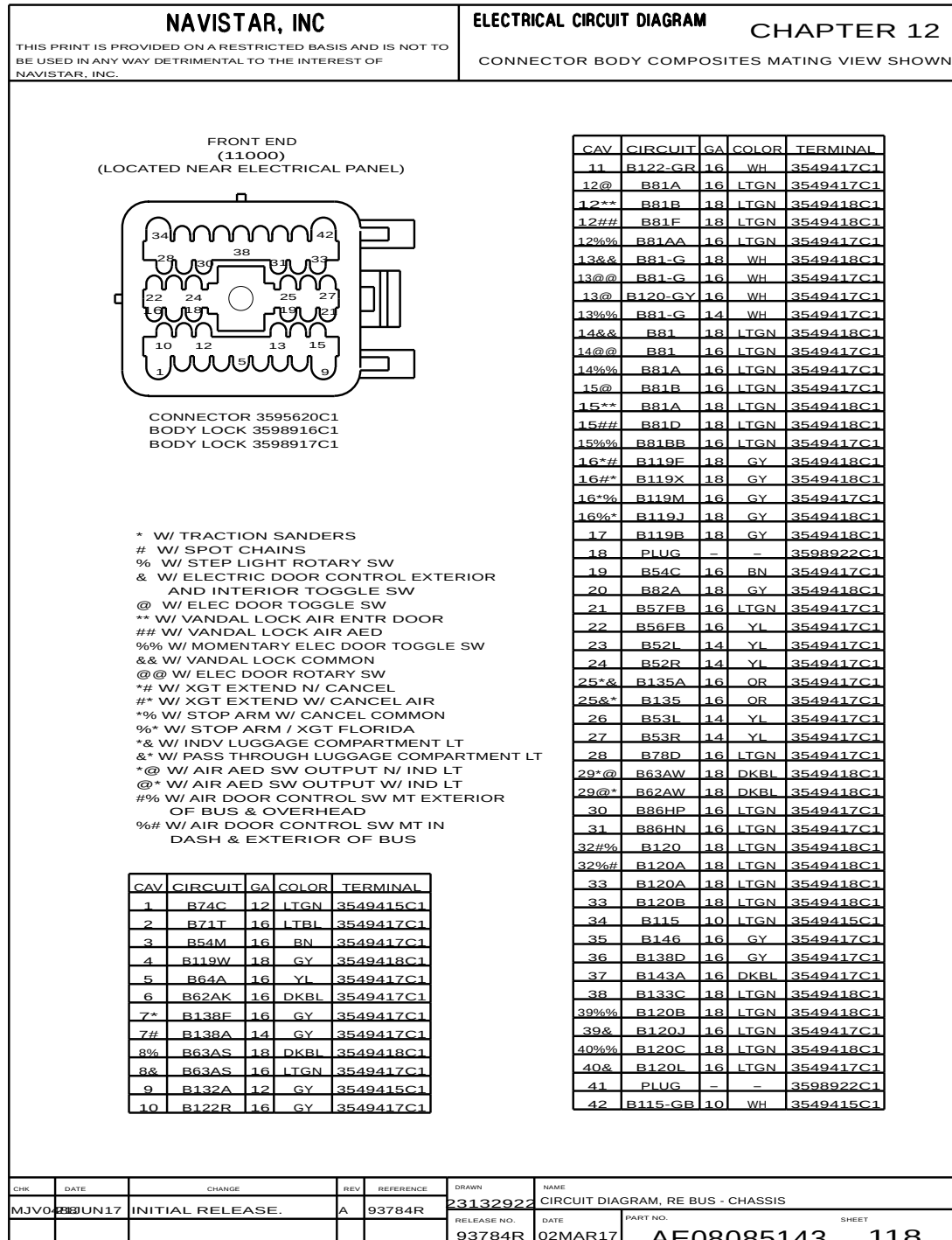


Figure 233 Connector Body Composites (11000)

12.123. CONNECTOR BODY COMPOSITES (11632, 11633), P. 119

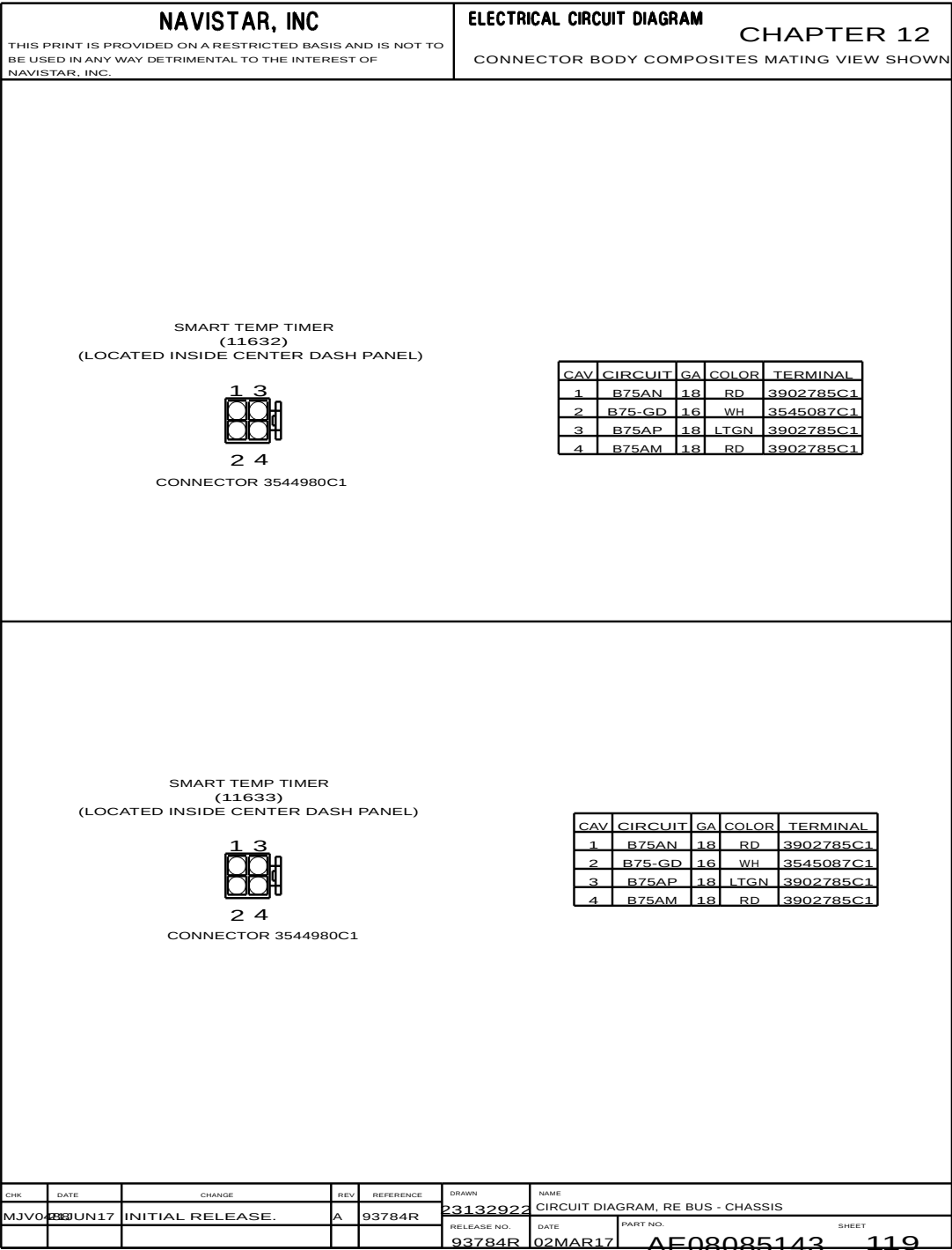


Figure 234 Connector Body Composites (11632, 11633),