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## Electrical Circuit Diagram Manual

**3200**

**RXT**

**DuraStar® - 4100, 4300, 4400**

**TranStar® Natural Gas (NG)**

**TranStar® - 8500, 8600**

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

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

**Engine Family: N9, N10, N13**

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

**Navistar, Inc.**

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

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

Figure 1 Abbreviations

# ELECTRICAL CIRCUIT DIAGRAM MANUAL

## 2.2. ACRONYMS, P. 2

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

2.3. CIRCUIT DIAGRAM INSTRUCTIONS, P. 3

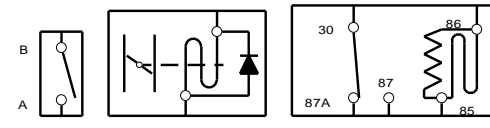
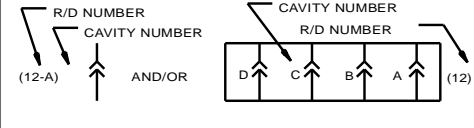
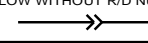
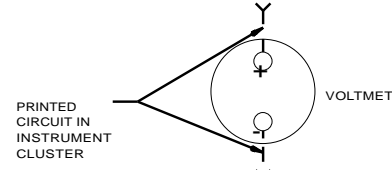
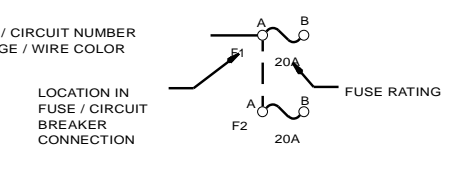

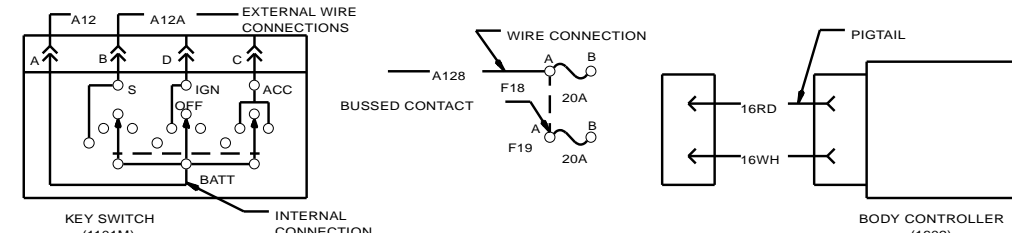

INTERNATIONAL TRUCK AND ENGINE CORPORATION		ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 2		
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		CIRCUIT DIAGRAM INSTRUCTIONS				
<p>A - SWITCH AND RELAY POSITIONS AS SHOWN ON CIRCUIT DIAGRAMS INDICATE NORMAL POSITION WITH IGNITION OFF UNLESS OTHERWISE NOTED.</p>  <p>SWITCH, MECHANICAL      SOLENOID      RELAY - SUPPRESSED</p>		<p>B - MULTIPLE CONNECTIONS ARE DISPLAYED ON SCHEMATIC AS SHOWN WITH R/D NUMBER &amp; CAVITY NUMBER. REFER CONNECTOR COMPOSITE FOR MORE INFORMATION</p>  <p>SINGLE IN-LINE CONNECTORS DISPLAYED AS SHOWN BELOW WITHOUT R/D NUMBER</p> 				
<p>C - PHANTOM LINES INDICATE PRINTED CIRCUITS OR BUSSED CIRCUITS. THESE CIRCUITS EXIST IN THE INSTRUMENT CLUSTER AND FUSE / CIRCUIT BREAKER CONNECTORS.</p>  <p>PRINTED CIRCUIT IN INSTRUMENT CLUSTER      VOLTMETER</p>  <p>LOCATION / CIRCUIT NUMBER WIRE GAUGE / WIRE COLOR      LOCATION IN FUSE / CIRCUIT BREAKER CONNECTION      FUSE RATING</p>						
<p>D - MULTIPLE CIRCUIT NUMBERS ON A LINE INDICATE ONE CIRCUIT DISTRIBUTING CURRENT TO TWO CIRCUITS.</p>  <p>SPLICE</p>						
<p>E - SWITCHES, RELAYS AND COMPONENTS INDICATE EXTERNAL WIRE CONNECTIONS AND / OR INTERNAL CONNECTIONS OR CONTACTS.</p>  <p>EXTERNAL WIRE CONNECTIONS      KEY SWITCH (1101M)      INTERNAL CONNECTION      BUSSED CONTACT      WIRE CONNECTION      PIGTAIL      BODY CONTROLLER (1602)</p>						
<p>F - CIRCUIT "11" DENOTES ANY COMMON GROUND (MORE THAN ONE CIRCUIT). ANY INDIVIDUAL GROUND CIRCUIT IS IDENTIFIED WITH THAT PARTICULAR CIRCUIT NUMBER.(E.G. CIRCUIT 32 CRUISE CONTROL IS IDENTIFIED AS PER EXAMPLE)</p>  <p>COMMON GROUND CIRCUIT NUMBER      SUFFIX BEGINNING WITH G INDICATES A GROUND CIRCUIT      LOCATION INDIVIDUAL GROUND CIRCUIT NUMBER      SUFFIX BEGINNING WITH G INDICATES A GROUND CIRCUIT</p> <p>NOTE: FOR CIRCUIT DESCRIPTION OTHER THAN GROUNDS NEITHER THE LETTER "G" NOR THE COLOR WHITE SHALL BE USED</p>						
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
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					PART NO.	SHEET
					AE08058176	003

Figure 3 Circuit Diagram Instructions

2.4. CIRCUIT NUMBER IDENTIFICATION AND COLOR, P. 4

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

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
DLV1	18SEP09	INITIAL RELEASE.	A	61229V	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					61229V	18MAY09
						PART NO.
						AE08058176
						SHEET
						004

Figure 4 Circuit Number Identification and Color

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

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 2																																																																																																																																				
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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">CIRCUIT NUMBER</th> <th style="width: 10%;">COLOR</th> <th style="width: 80%;">DESCRIPTION</th> </tr> </thead> <tbody> <tr><td>41</td><td>TN</td><td>AIR TEMPERATURE</td></tr> <tr><td>42</td><td>GY</td><td>FRONT AXLE ENGAGED</td></tr> <tr><td>43</td><td>GY</td><td>POWER DIVIDER LOCK (PDL) WARNING</td></tr> <tr><td>44</td><td>GY</td><td>PARK BRAKE WARNING</td></tr> <tr><td>45</td><td>LTGN</td><td>ANTITHEFT WARNING</td></tr> <tr><td>46</td><td>GY</td><td>POWER TAKEOFF WARNING</td></tr> <tr><td>47</td><td>GY</td><td>SPEEDOMETER</td></tr> <tr><td>48</td><td>GY</td><td>TACHOMETER</td></tr> <tr><td>49</td><td>GY</td><td>DIFFERENTIAL LOCK WARNING</td></tr> <tr><td>50</td><td>YL</td><td>LIGHT SWITCH FEED</td></tr> <tr><td>51</td><td>YL</td><td>DIMMER SWITCH FEED</td></tr> <tr><td>52</td><td>YL</td><td>HEADLIGHT HI - BEAM</td></tr> <tr><td>53</td><td>YL</td><td>HEADLIGHT LO - BEAM</td></tr> <tr><td>54</td><td>BN</td><td>PARKING / MARKER LIGHTS</td></tr> <tr><td>55</td><td>OR</td><td>TURN SIGNAL - FEED</td></tr> <tr><td rowspan="2">56</td><td>OR</td><td>TURN SIGNAL LIGHTS - LEFT</td></tr> <tr><td>YL</td><td>TURN SIGNAL LIGHTS - LEFT (BODY BUILDER CONNECTION)</td></tr> <tr><td rowspan="2">57</td><td>OR</td><td>TURN SIGNAL LIGHTS - RIGHT</td></tr> <tr><td>LTGN</td><td>TURN SIGNAL LIGHTS - RIGHT (BODY BUILDER CONNECTION)</td></tr> <tr><td>58</td><td>BN</td><td>CLEARANCE / IDENTIFICATION LIGHTS</td></tr> <tr><td>59</td><td>GY</td><td>SOLENOID</td></tr> <tr><td>60</td><td>OR</td><td>HAZARD LIGHTS</td></tr> <tr><td>61</td><td>GY</td><td>AIR SUSPENSION</td></tr> <tr><td>62</td><td>DKBL</td><td>PANEL LIGHTS</td></tr> <tr><td>63</td><td>DKBL</td><td>COURTESY / DOME LIGHTS</td></tr> <tr><td>64</td><td>YL</td><td>FOG / DRIVING LIGHTS</td></tr> <tr><td>65</td><td>OR</td><td>CAB REAR FLOOD LIGHTS</td></tr> <tr><td>66</td><td>YL</td><td>DAYTIME RUNNING LIGHTS</td></tr> <tr><td>67</td><td>GY</td><td>OBSTACLE AVOIDANCE / REMOTE SENSOR</td></tr> <tr><td>68</td><td>BN</td><td>TAIL LIGHTS</td></tr> <tr><td>69</td><td>BN</td><td>LICENSE PLATE LIGHT</td></tr> <tr><td rowspan="2">70</td><td>OR</td><td>STOP LIGHTS</td></tr> <tr><td>RD</td><td>STOP LIGHTS (BODY BUILDER CONNECTION)</td></tr> <tr><td rowspan="2">71</td><td>OR</td><td>BACK-UP LIGHTS</td></tr> <tr><td>LTBL</td><td>BACK-UP LIGHTS (BODY BUILDER CONNECTION)</td></tr> <tr><td>72</td><td>OR</td><td>TRAILER AUXILIARY FEED - BATTERY</td></tr> <tr><td>73</td><td>LTGN</td><td>PWM</td></tr> <tr><td>74</td><td>LTGN</td><td>HEATER RECIRC MOTOR</td></tr> <tr><td>75</td><td>LTGN</td><td>HEATER BLOWER MOTOR</td></tr> <tr><td>76</td><td>LTGN</td><td>AUXILIARY FAN</td></tr> <tr><td>77</td><td>LTGN</td><td>AIR CONDITIONER</td></tr> <tr><td>78</td><td>LTGN</td><td>MIRRORS - HEATED, MOTORIZED</td></tr> <tr><td>79</td><td>GY</td><td>SEAT BELTS</td></tr> <tr><td>80</td><td>BK</td><td>SLEEPER BOX RELAY - FEED</td></tr> </tbody> </table>								CIRCUIT NUMBER	COLOR	DESCRIPTION	41	TN	AIR TEMPERATURE	42	GY	FRONT AXLE ENGAGED	43	GY	POWER DIVIDER LOCK (PDL) WARNING	44	GY	PARK BRAKE WARNING	45	LTGN	ANTITHEFT WARNING	46	GY	POWER TAKEOFF WARNING	47	GY	SPEEDOMETER	48	GY	TACHOMETER	49	GY	DIFFERENTIAL LOCK WARNING	50	YL	LIGHT SWITCH FEED	51	YL	DIMMER SWITCH FEED	52	YL	HEADLIGHT HI - BEAM	53	YL	HEADLIGHT LO - BEAM	54	BN	PARKING / MARKER LIGHTS	55	OR	TURN SIGNAL - FEED	56	OR	TURN SIGNAL LIGHTS - LEFT	YL	TURN SIGNAL LIGHTS - LEFT (BODY BUILDER CONNECTION)	57	OR	TURN SIGNAL LIGHTS - RIGHT	LTGN	TURN SIGNAL LIGHTS - RIGHT (BODY BUILDER CONNECTION)	58	BN	CLEARANCE / IDENTIFICATION LIGHTS	59	GY	SOLENOID	60	OR	HAZARD LIGHTS	61	GY	AIR SUSPENSION	62	DKBL	PANEL LIGHTS	63	DKBL	COURTESY / DOME LIGHTS	64	YL	FOG / DRIVING LIGHTS	65	OR	CAB REAR FLOOD LIGHTS	66	YL	DAYTIME RUNNING LIGHTS	67	GY	OBSTACLE AVOIDANCE / REMOTE SENSOR	68	BN	TAIL LIGHTS	69	BN	LICENSE PLATE LIGHT	70	OR	STOP LIGHTS	RD	STOP LIGHTS (BODY BUILDER CONNECTION)	71	OR	BACK-UP LIGHTS	LTBL	BACK-UP LIGHTS (BODY BUILDER CONNECTION)	72	OR	TRAILER AUXILIARY FEED - BATTERY	73	LTGN	PWM	74	LTGN	HEATER RECIRC MOTOR	75	LTGN	HEATER BLOWER MOTOR	76	LTGN	AUXILIARY FAN	77	LTGN	AIR CONDITIONER	78	LTGN	MIRRORS - HEATED, MOTORIZED	79	GY	SEAT BELTS	80	BK	SLEEPER BOX RELAY - FEED
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Figure 5 Circuit Number Identification and Color (Cont.)

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

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 2	
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CIRCUIT NUMBER	COLOR	DESCRIPTION
81	LTGN	POWER DOOR LOCKS
82	GY	WINDSHIELD WIPER
83	LTGN	POWER WINDOWS
84	LTGN	CIGAR LIGHTER
85	GY	HORN
86	LTGN	RADIO - ENTERTAINMENT / CLOCK
87	GY	WINDSHIELD WASHER
88	LTGN	CLOCK / HOURMETER
89	VT	AIR BAG
90	GY	HYDRAULIC BRAKE PUMP
91	VT	INTERCOMMUNICATION
92	TN	TRANSMISSION CONTROLS - ELECTRONICS
93	TN	AXLE SHIFT CONTROL
94	GY	ANTILOCK BRAKE SYSTEM
95	TN	EXHAUST EMISSION
96	YL	SNOW PLOW LIGHTS / CRUISE CONTROLS
97	VT	ENGINE CONTROLS - ELECTRONIC
98	BK	DATALINK AND DIAGNOSTICS
99	VT	ACCELERATOR POSITION SENSOR (APS)
100	GY	AIR HORN (ELECTRIC SOLENOID ACTUATED)
101	TN	BRAKE APPLICATION AIR
102	YL	FLASH TO PASS
103	LTGN	BODY BUILDER AUXILIARY FEED
104	DKBL	REMOTE START / STOP
105	LTGN	HEATED SEATS
106	OR	HIGH VOLTAGE ALTERNATOR AC CHARGE
107	GY	INTRUMENT CLUSTER ELECTRONIC FEED (5V)
108	GY	BRAKE PAD WEAR SENSOR
109	GY	BRAKE STROKE / SLACK ADJUSTER
110	GY	INTRUMENT CLUSTER ELECTRONIC GROUND
111	TN	FUEL FILTER RESTRICTION TRANSDUCER
112	GY	LIFT GATE

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

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
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					RELEASE NO.	DATE
					61229V	18MAY09
						PART NO.
						AE08058176
						SHEET
						006

Figure 6 Circuit Number Identification and Color (Cont.)



2.7. LAMP BULB CHART, P. 7

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

Figure 7 Lamp Bulb Chart

2.8. RELAY FUNCTION AND WIRING GUIDE, P. 8

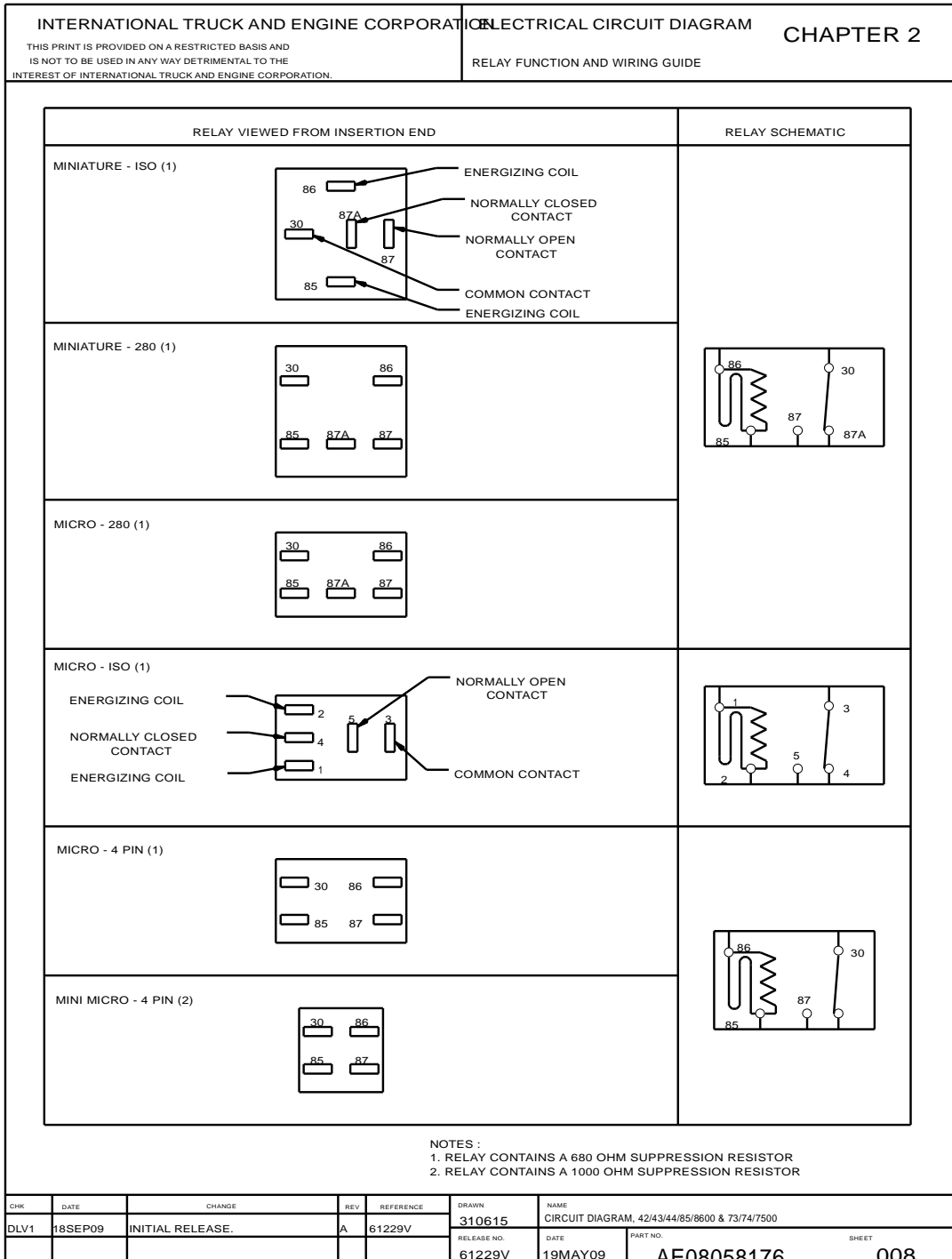


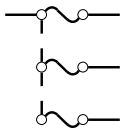
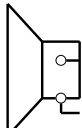

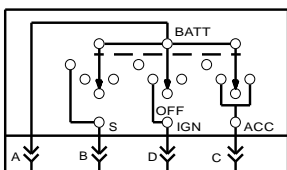

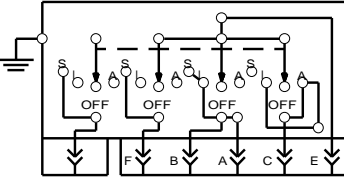

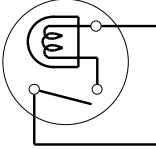

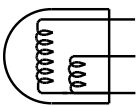



Figure 8 Relay Function and Wiring Guide

2.9. SCHEMATIC SYMBOL CHART, P. 9

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 2																																							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				SCHEMATIC SYMBOL CHART																																											
SYMBOL		DESCRIPTION		SYMBOL		DESCRIPTION		SYMBOL		DESCRIPTION																																					
		AIR DRYER				CIGAR LIGHTER				CIRCUIT BREAKER																																					
		ALARM				DIODE				DIODE, LIGHT EMITTING																																					
		ALTERNATOR				FAN SOLENOID				BLUNT CUT CIRCUIT																																					
		AMMETER				FEMALE TERMINAL				BUSBAR																																					
		BATTERY				FUSE																																									
<table border="1"> <thead> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>DLV1</td> <td>18SEP09</td> <td>INITIAL RELEASE.</td> <td>A</td> <td>61229V</td> <td>310615</td> <td>CIRCUIT DIAGRAM, 42/43/44/85/8600 &amp; 73/74/7500</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>RELEASE NO.</td> <td>DATE</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>61229V</td> <td>19MAY09</td> </tr> </tbody> </table>				CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	DLV1	18SEP09	INITIAL RELEASE.	A	61229V	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500						RELEASE NO.	DATE						61229V	19MAY09	<table border="1"> <thead> <tr> <th>RELEASE NO.</th> <th>DATE</th> <th>PART NO.</th> <th>SHEET</th> </tr> </thead> <tbody> <tr> <td>61229V</td> <td>19MAY09</td> <td>AE08058176</td> <td>009</td> </tr> </tbody> </table>				RELEASE NO.	DATE	PART NO.	SHEET	61229V	19MAY09	AE08058176	009				
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																									
DLV1	18SEP09	INITIAL RELEASE.	A	61229V	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																									
					RELEASE NO.	DATE																																									
					61229V	19MAY09																																									
RELEASE NO.	DATE	PART NO.	SHEET																																												
61229V	19MAY09	AE08058176	009																																												

Figure 9 Schematic Symbol Chart

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

INTERNATIONAL TRUCK AND ENGINE CORPORATION					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 2		
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					SCHEMATIC SYMBOL CHART (CONT)		
SYMBOL	DESCRIPTION				SYMBOL	DESCRIPTION	
	FUSES W/ BUSBAR					HORN	
	FUSIBLE LINK					KEY SWITCH	
	GROUND N/ STUD					KEY SWITCH, COMPLEX	
	GROUND W/ STUD					LIGHT W/ SWITCH	
	HEATER					LIGHT, DOUBLE FILAMENT	
	HOLDER, FUSE W/ BUSBAR					LIGHT, SINGLE FILAMENT	
	BRACE						

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

Figure 10 Schematic Symbol Chart (Cont.)

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

INTERNATIONAL TRUCK AND ENGINE CORPORATION					ELECTRICAL CIRCUIT DIAGRAM			CHAPTER 2	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					SCHEMATIC SYMBOL CHART (CONT)				
SYMBOL		DESCRIPTION			SYMBOL		DESCRIPTION		
		MALE TERMINAL					RESISTOR		
		MOTOR					SENDER - FUEL, OIL, WATER		
		PASS THRU CONNECTION					SENSOR, PRESSURE. ABS 6		
		PRESSURE SWITCH					SENSOR, MAGNETIC		
		RELAY, FIVE TERMINAL					SENSOR, YAW		
		RELAY, FOUR TERMINAL					SOLENOID		
		RELAY, LATCHING					SOLENOID W/ DIODE		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME			
DLV1	18SEP09	INITIAL RELEASE.	A	61229V	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500			
					RELEASE NO.	DATE	PART NO.	SHEET	
					61229V	19MAY09	AE08058176	011	

Figure 11 Schematic Symbol Chart (Cont.)

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

INTERNATIONAL TRUCK AND ENGINE CORPORATION					ELECTRICAL CIRCUIT DIAGRAM			CHAPTER 2	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					SCHEMATIC SYMBOL CHART (CONT)				
SYMBOL		DESCRIPTION			SYMBOL		DESCRIPTION		
		SPEAKER					SWITCH, PUSH BUTTON		
		SPLICE					TERMINATING RESISTOR		
		STUD					THERMOSTAT		
		START MOTOR W/ TOCP					VALVE, ETHER BOTTLE		
		SWITCH, MECHANICAL (NORMALLY OPEN)					VALVE, MODULATOR		
		SWITCH, MECHANICAL (NORMALLY CLOSED)					DIODE ASSEMBLY		
CHK	DATE	CHANGE	REV.	REFERENCE	DRAWN	NAME			
DLV1	18SEP09	INITIAL RELEASE.	A	61229V	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500			
					RELEASE NO.	DATE	PART NO.	SHEET	
					61229V	19MAY09	AE08058176	012	

Figure 12 Schematic Symbol Chart (Cont.)

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

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

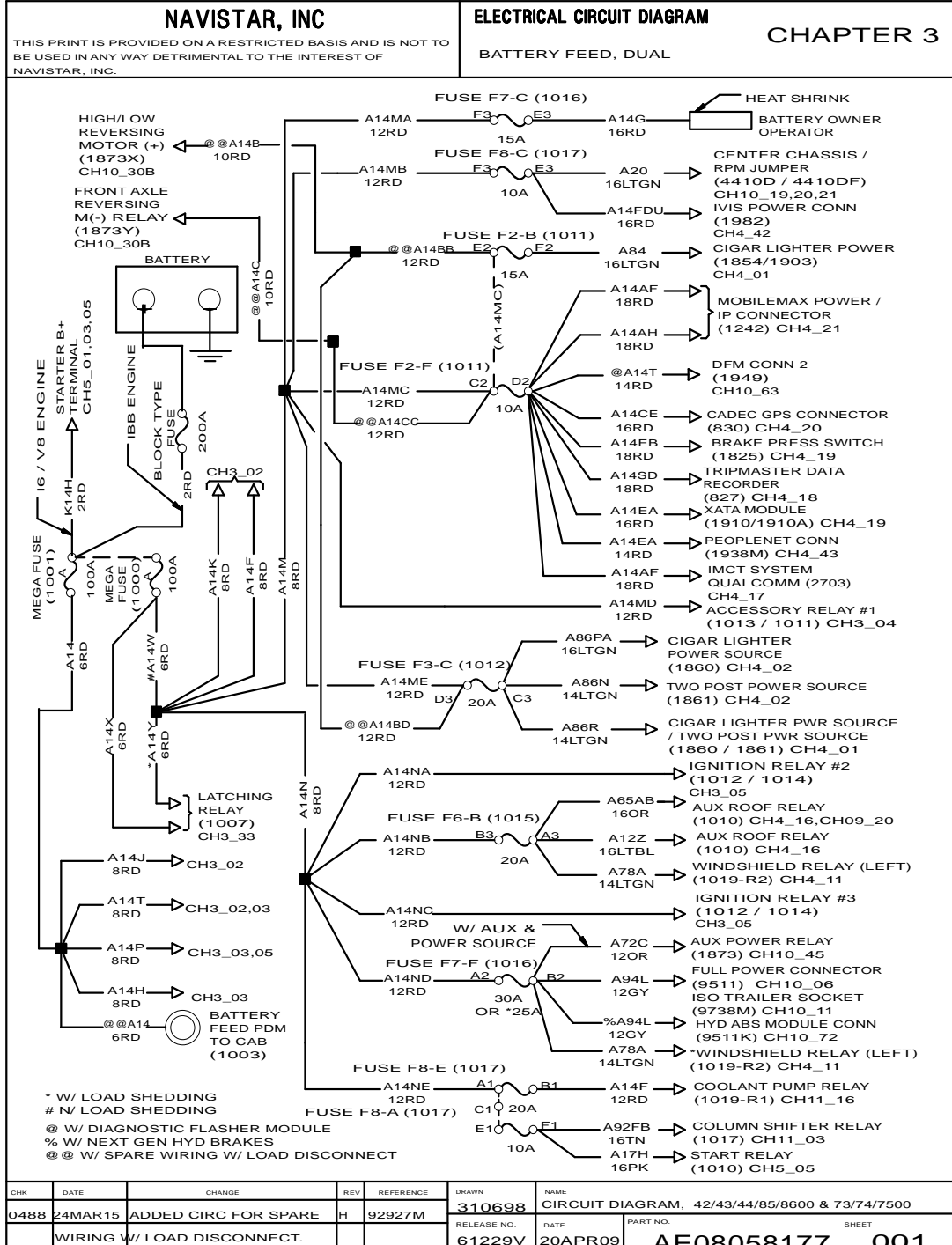


Figure 13 Battery Feed, Dual

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

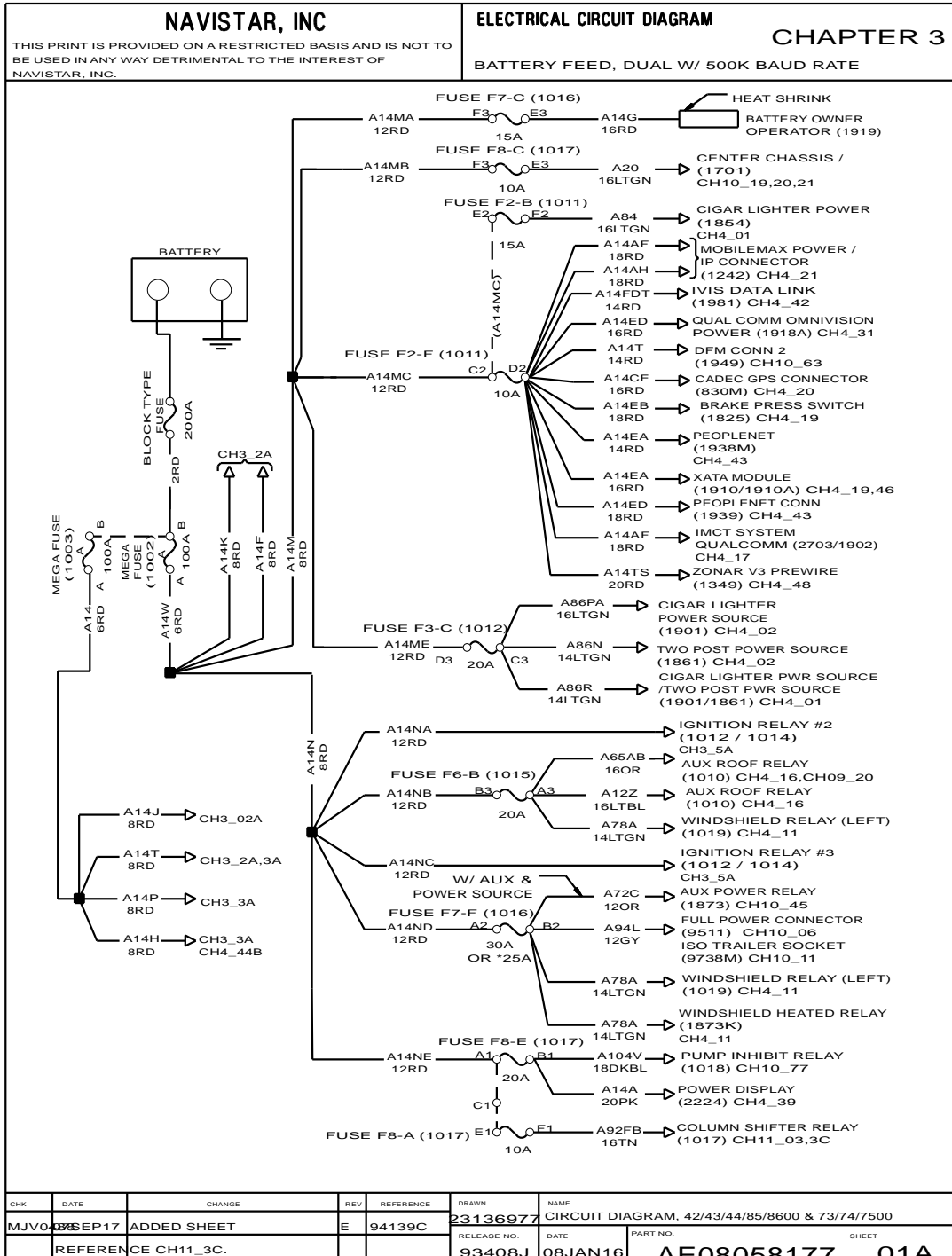


Figure 14 Battery Feed, Dual with 500K Baud Rate



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

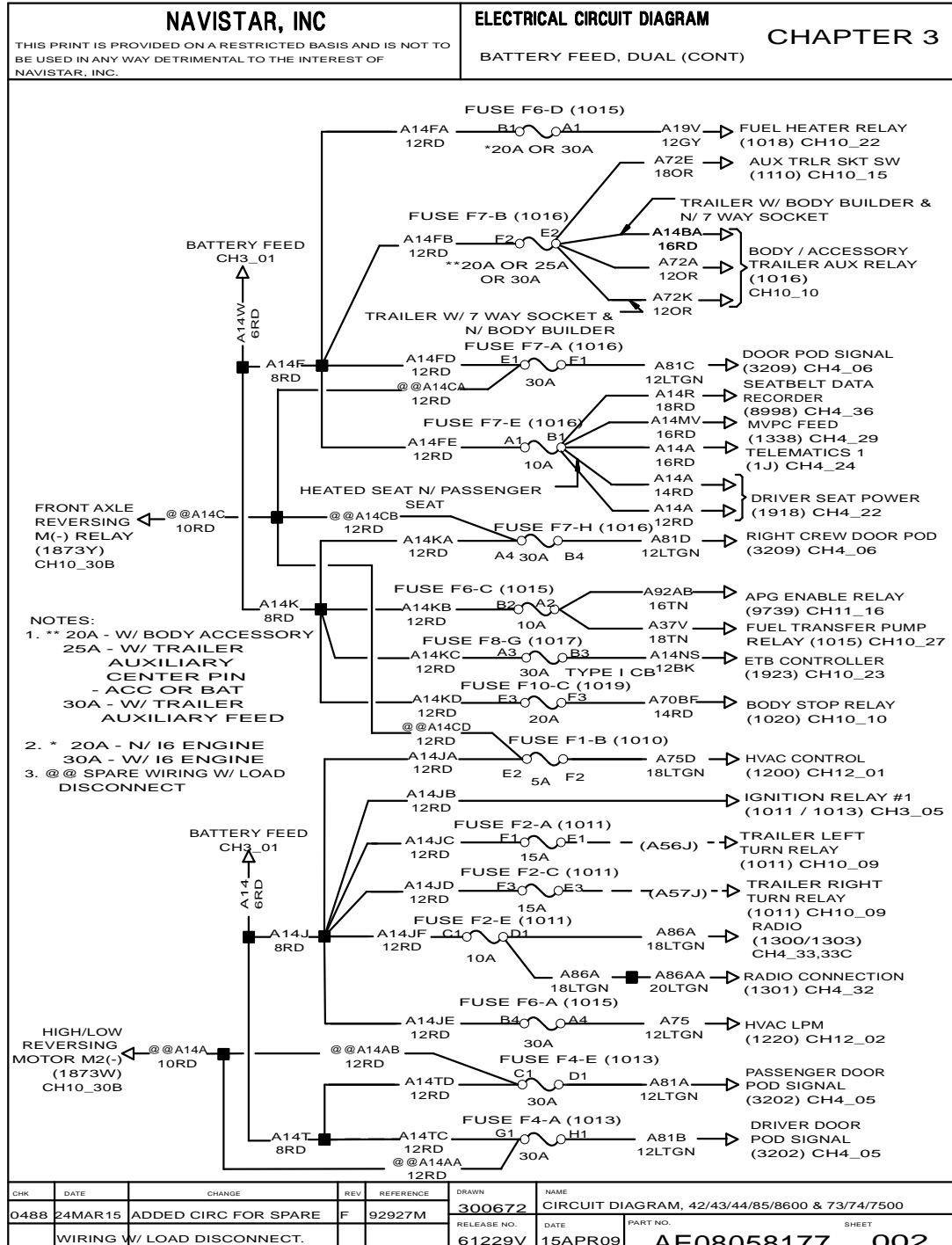


Figure 15 Battery Feed, Dual (Cont.)

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

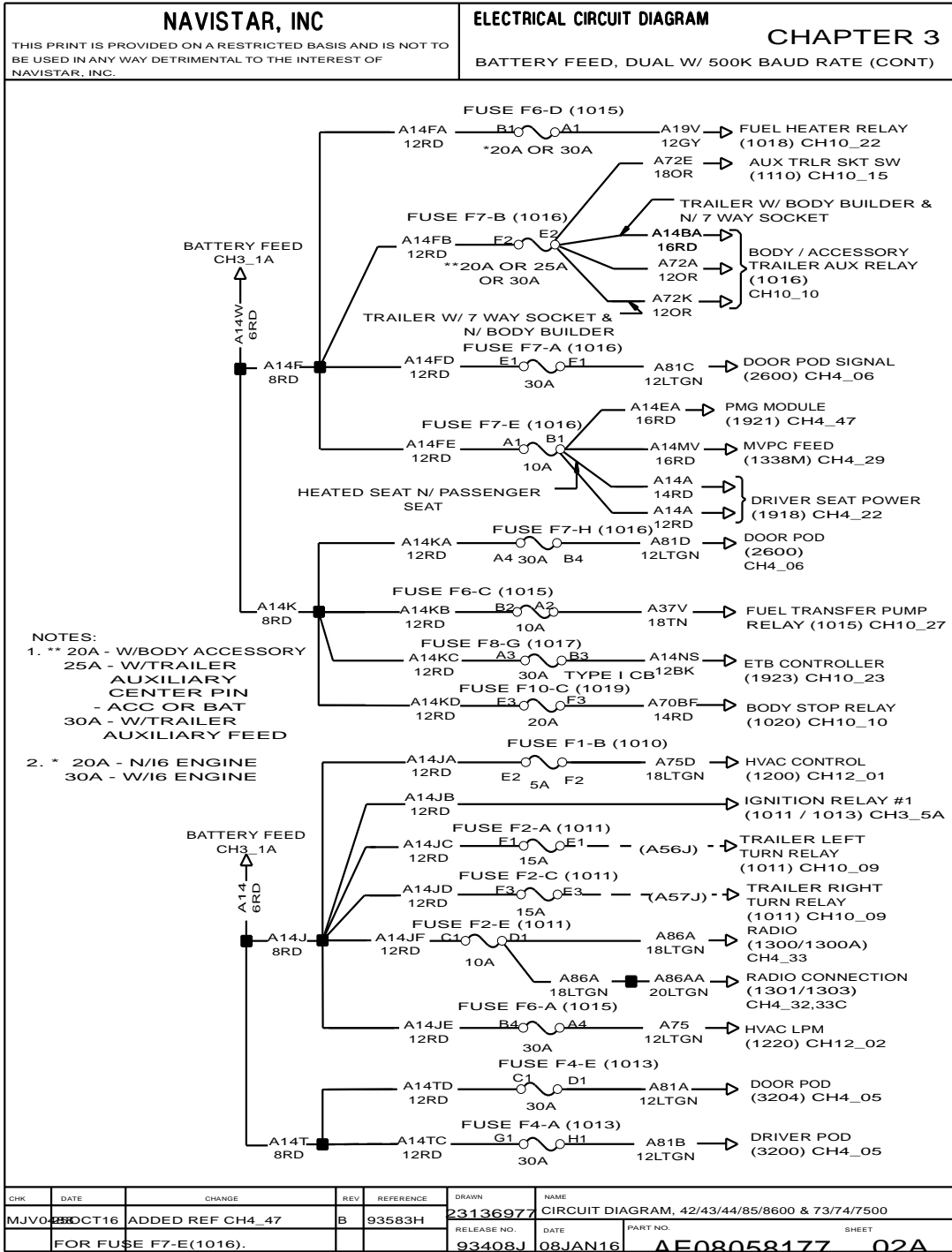


Figure 16 Battery Feed, Dual with 500K Baud Rate (Cont.)

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

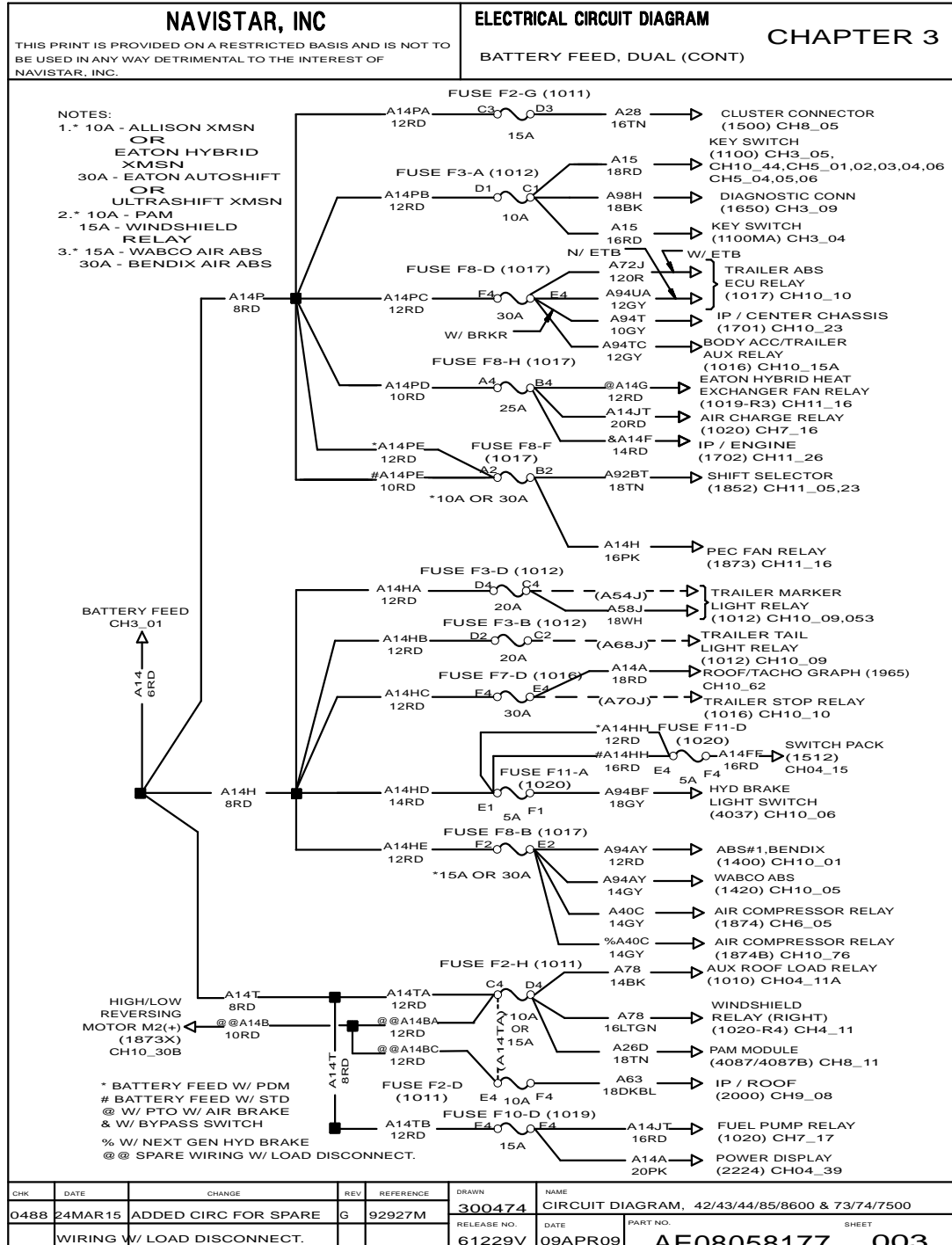


Figure 17 Battery Feed, Dual (Cont.)

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

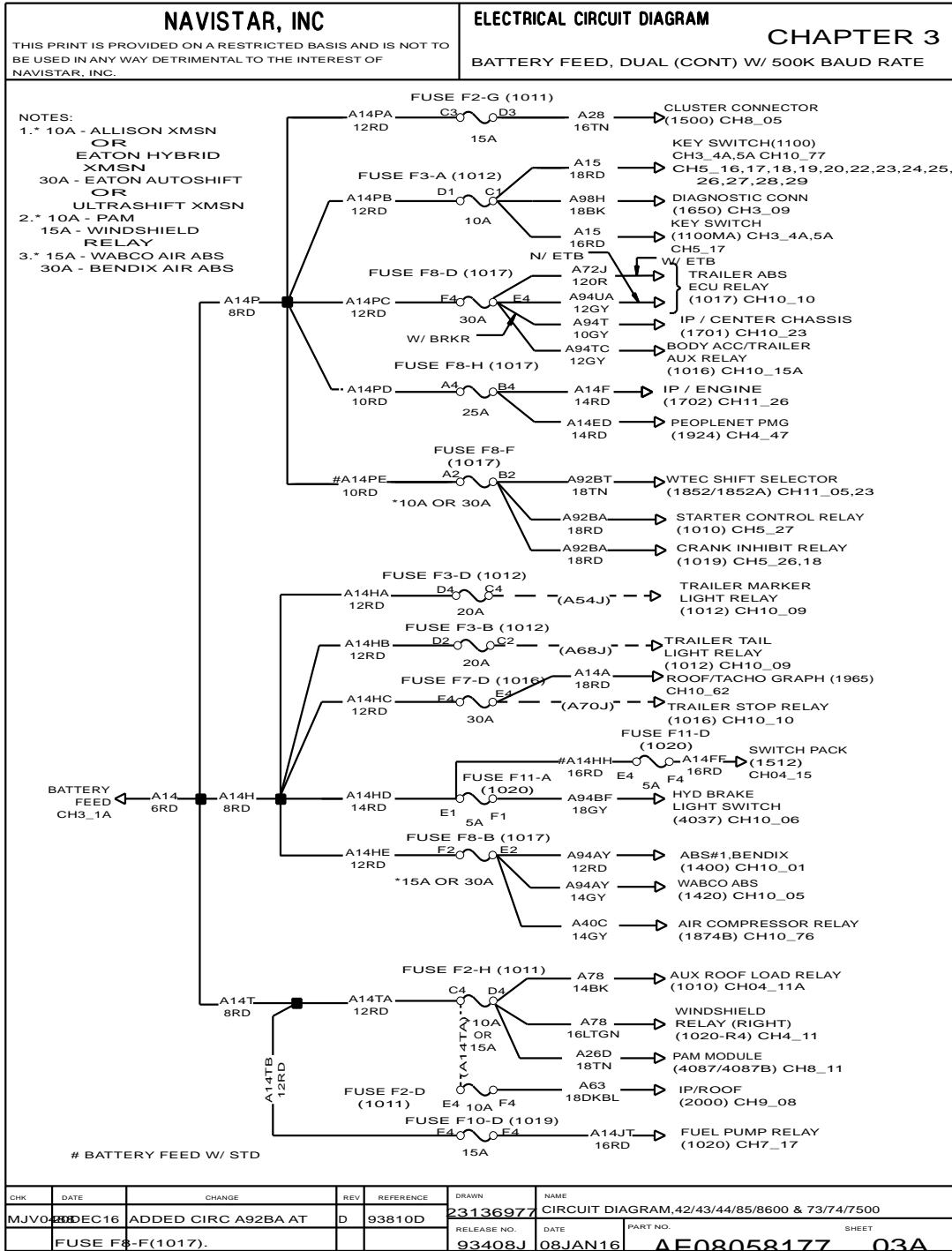


Figure 18 Battery Feed, Dual with 500K Baud Rate (Cont.)

3.7. ACCESSORY FEED, P. 4

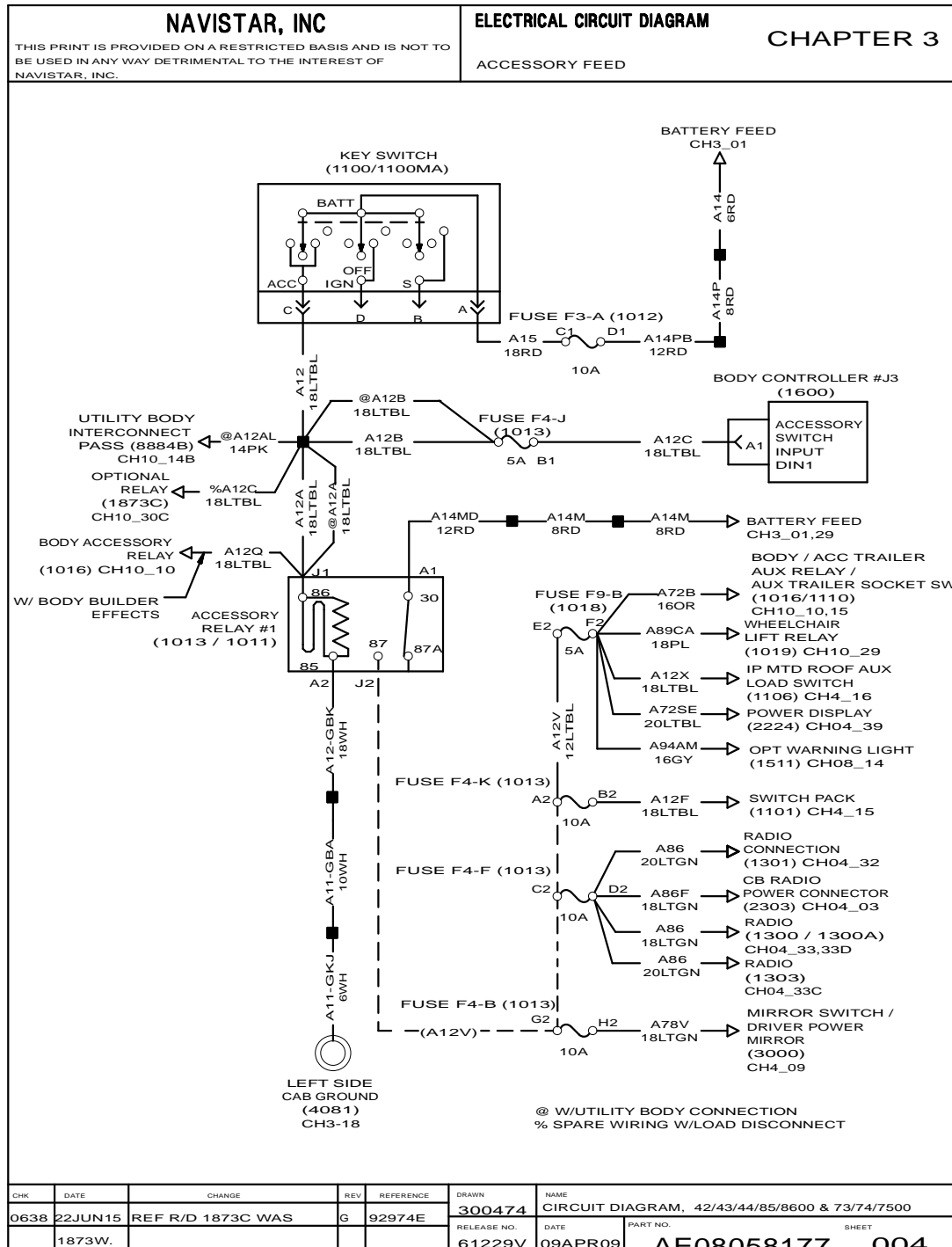


Figure 19 Accessory Feed

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

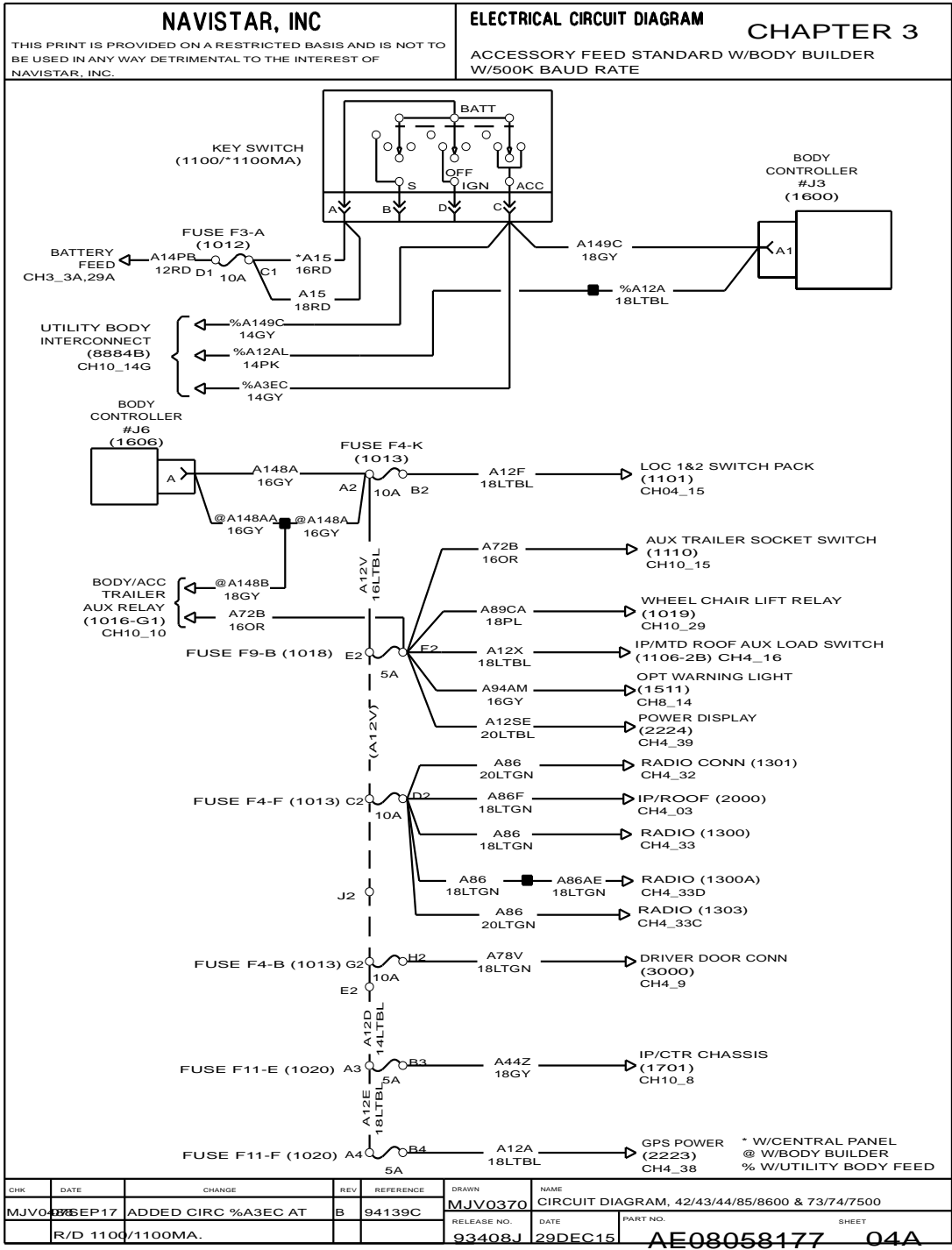


Figure 20 Accessory Feed Standard with Body Builder with 500K Baud Rate

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

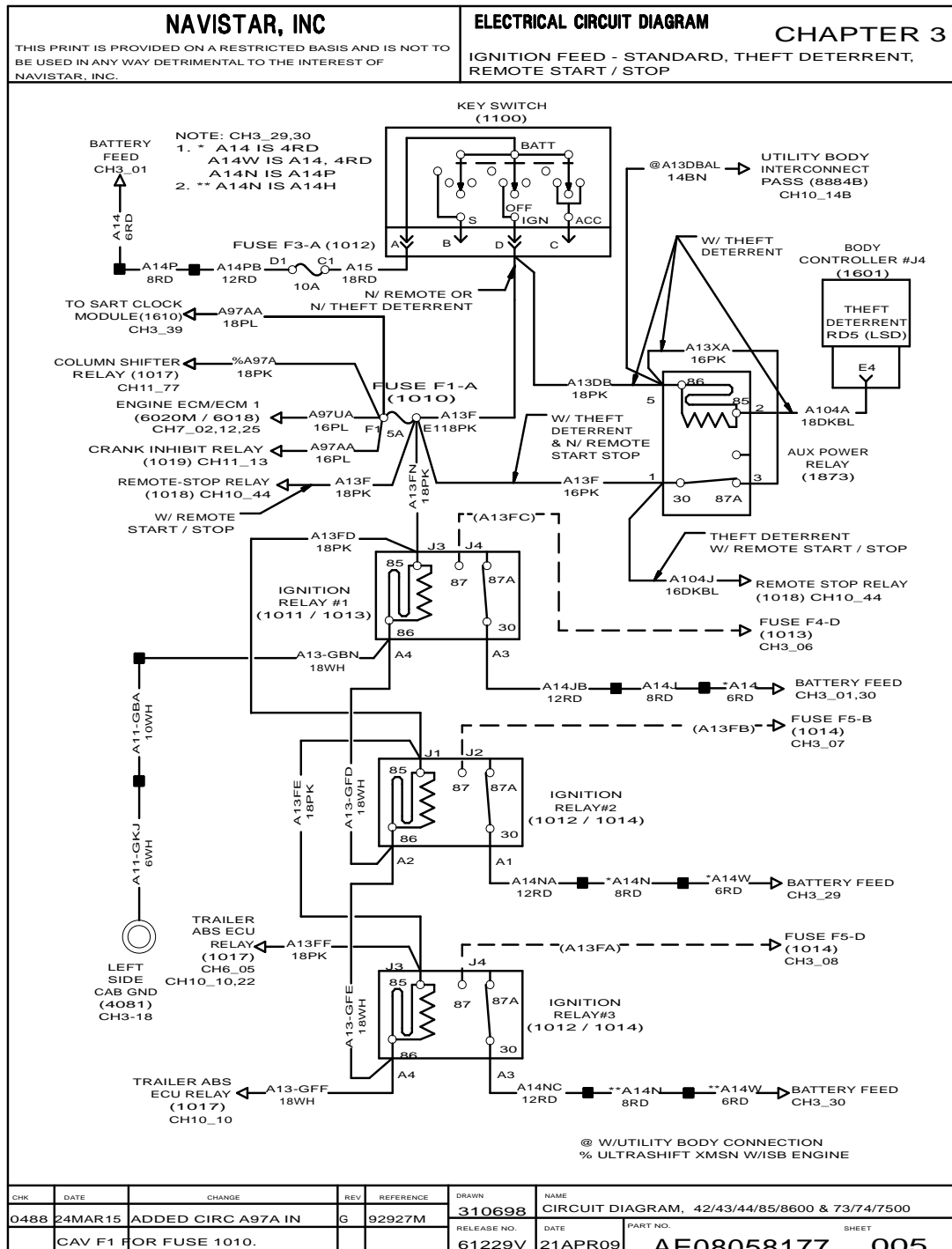
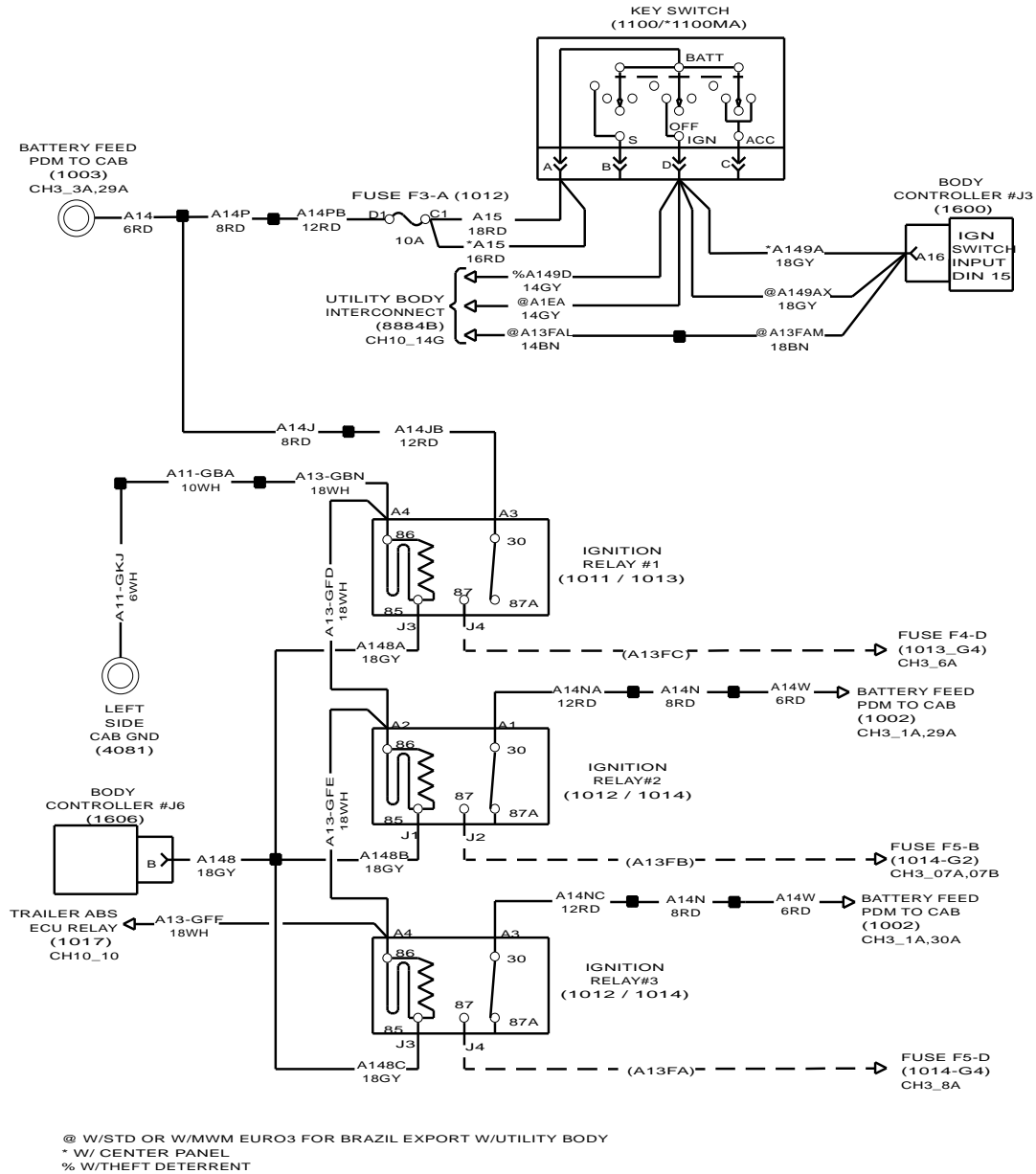


Figure 21 Ignition Feed – Standard, Theft Deterrent, Remote Start / Stop

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

IGNITION FEED W/500K BAUD RATE



MJV0428 SEP17 CIRC @A1EA WAS @A18A. C 94139C

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

93408J 30DEC15 AE08058177 05A

Figure 22 Ignition Feed with 500K Baud Rate



3.11. IGNITION FEED – RELAY 1, P. 6

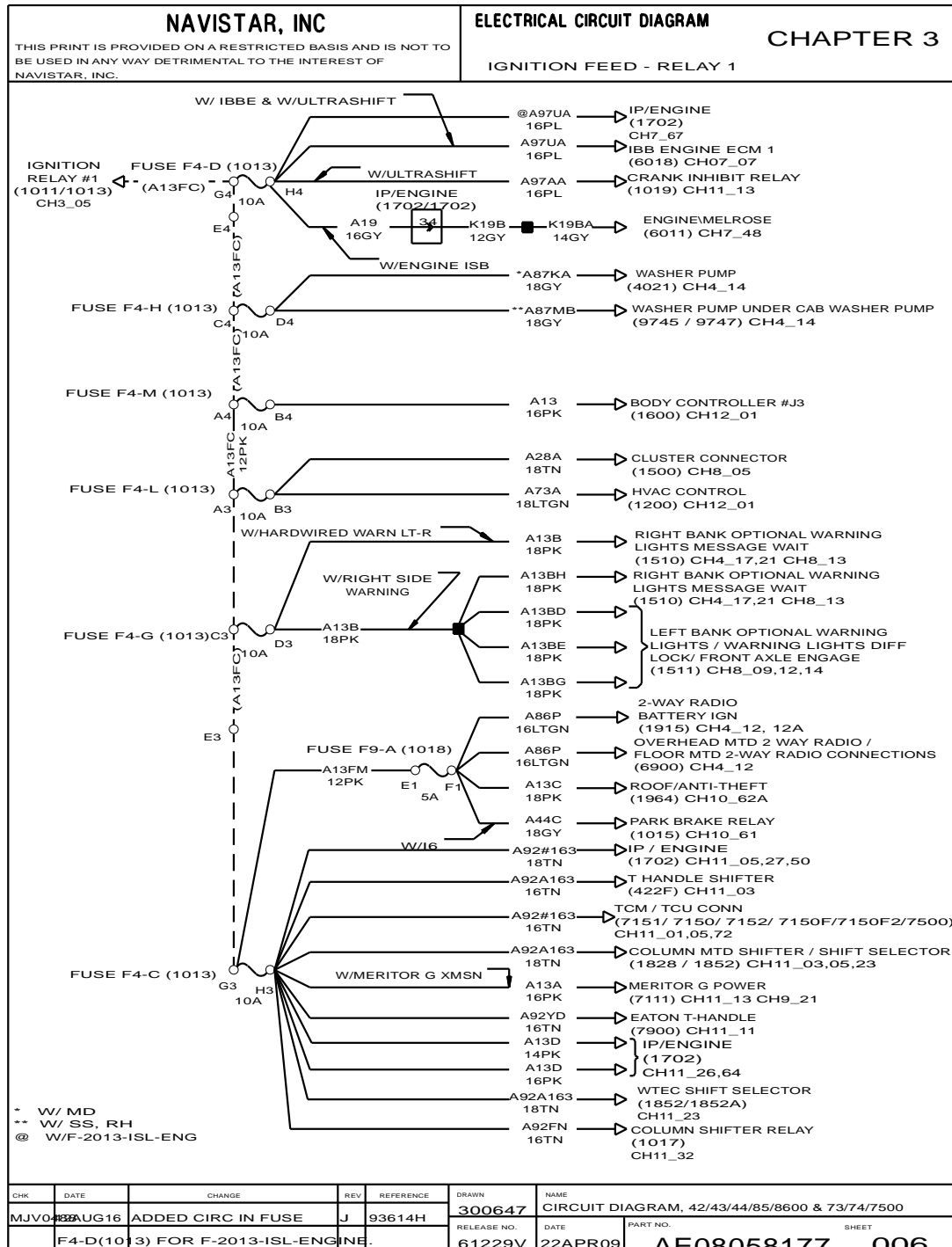


Figure 23 Ignition Feed – Relay 1

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

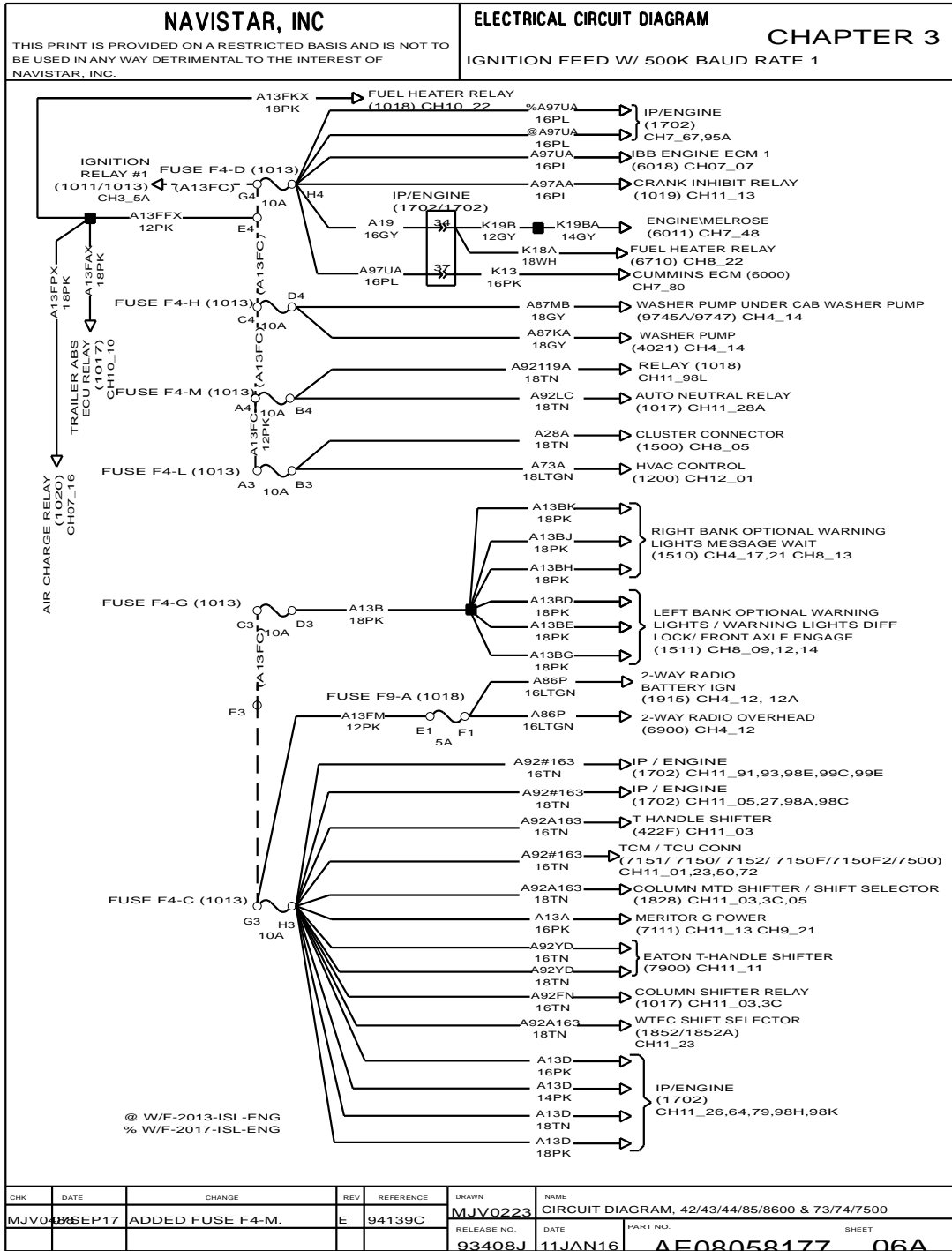


Figure 24 Ignition Feed with 500K Baud Rate 1

3.13. IGNITION FEED – RELAY 2, P. 7

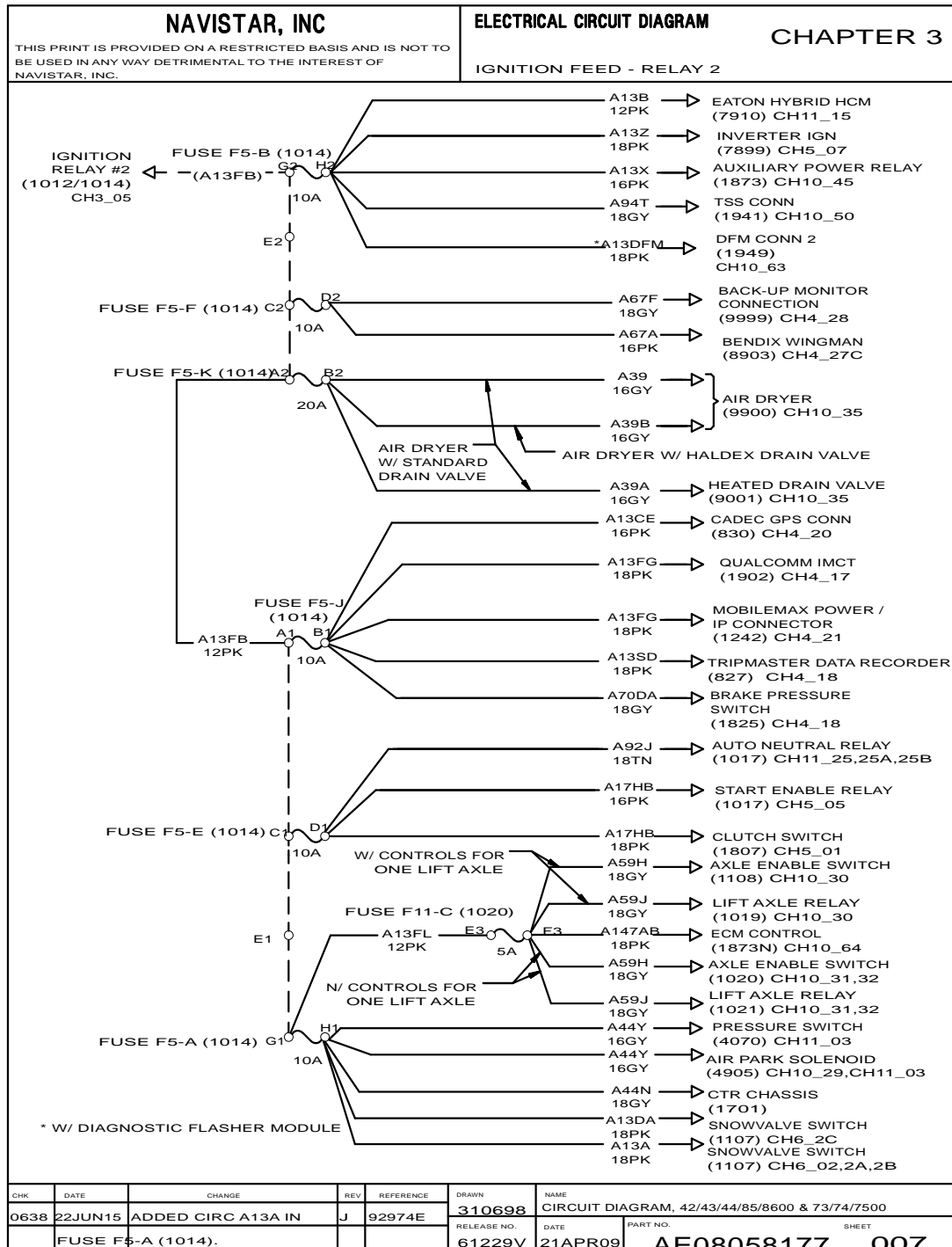


Figure 25 Ignition Feed – Relay 2

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

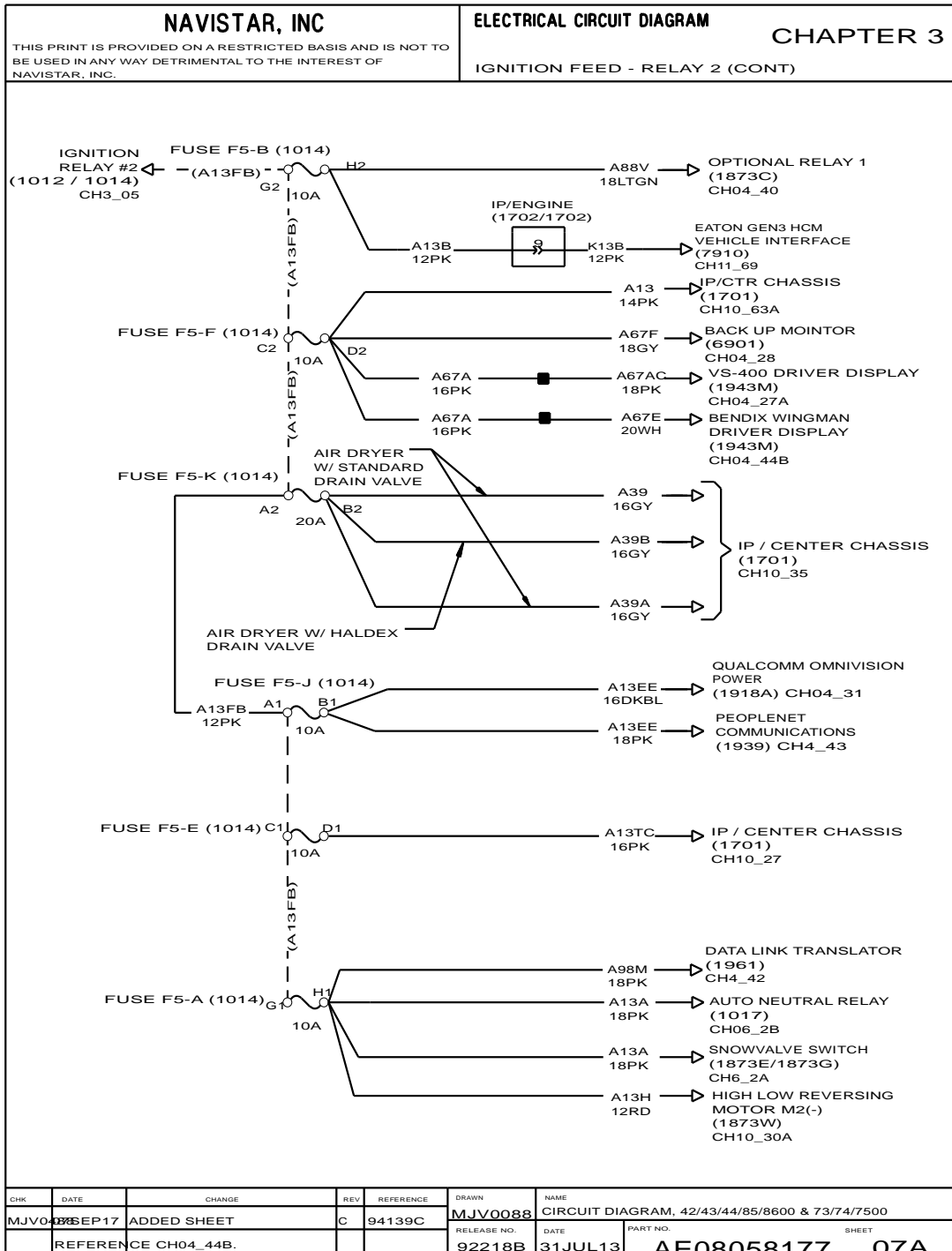


Figure 26 Ignition Feed – Relay 2 (Cont.)

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

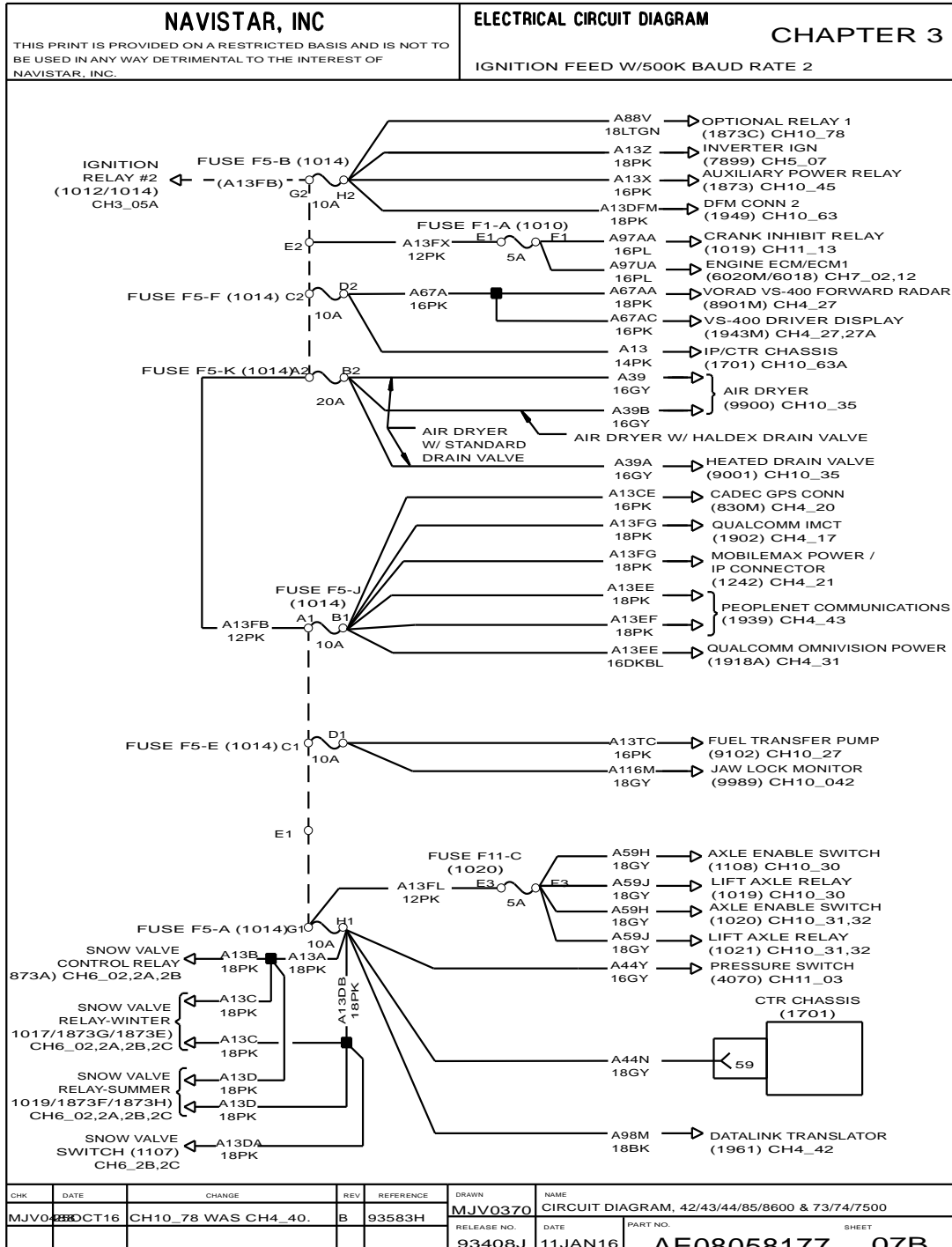


Figure 27 Ignition Feed with 500K Baud Rate 2

3.16. IGNITION FEED – RELAY 3, P. 8

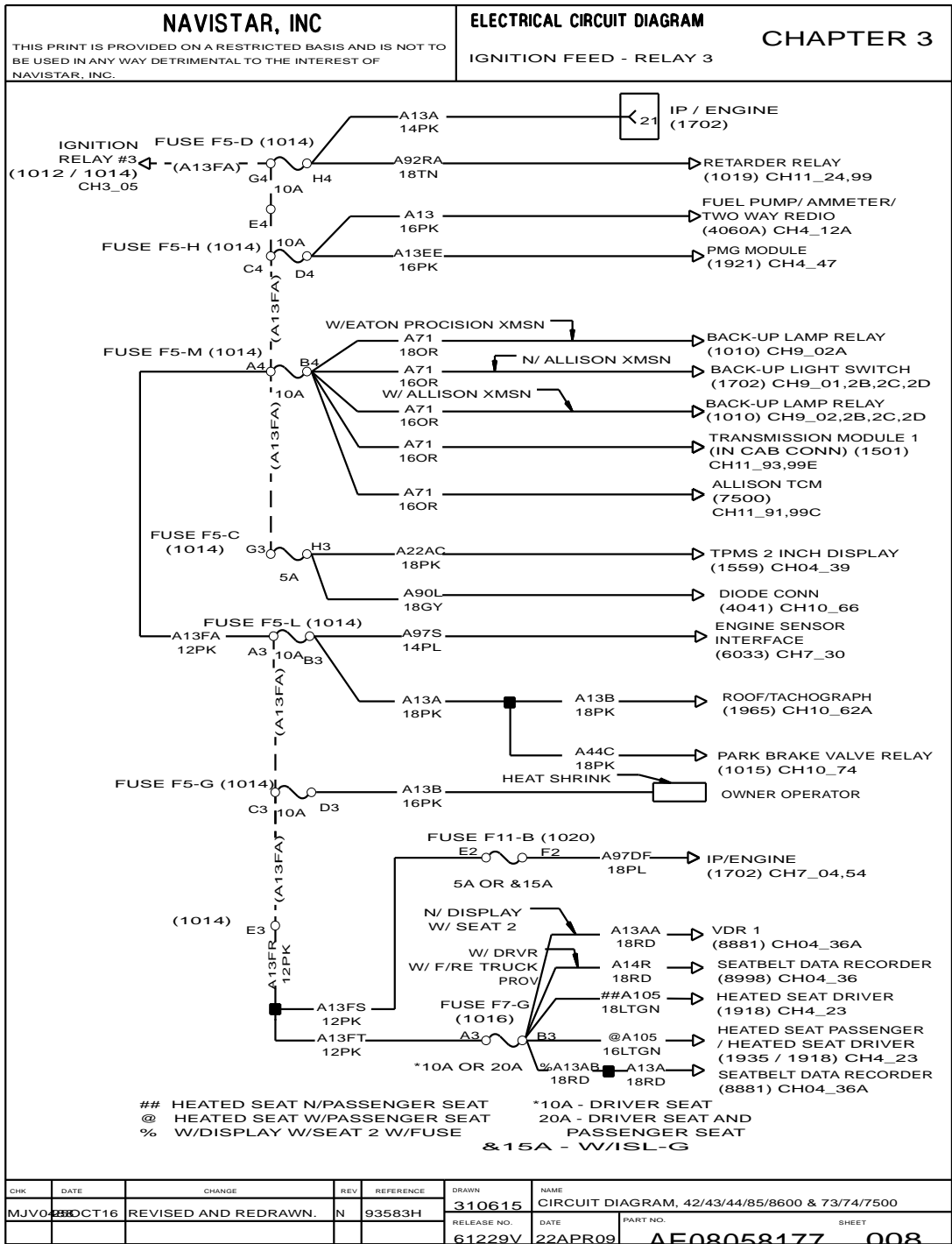


Figure 28 Ignition Feed – Relay 3

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

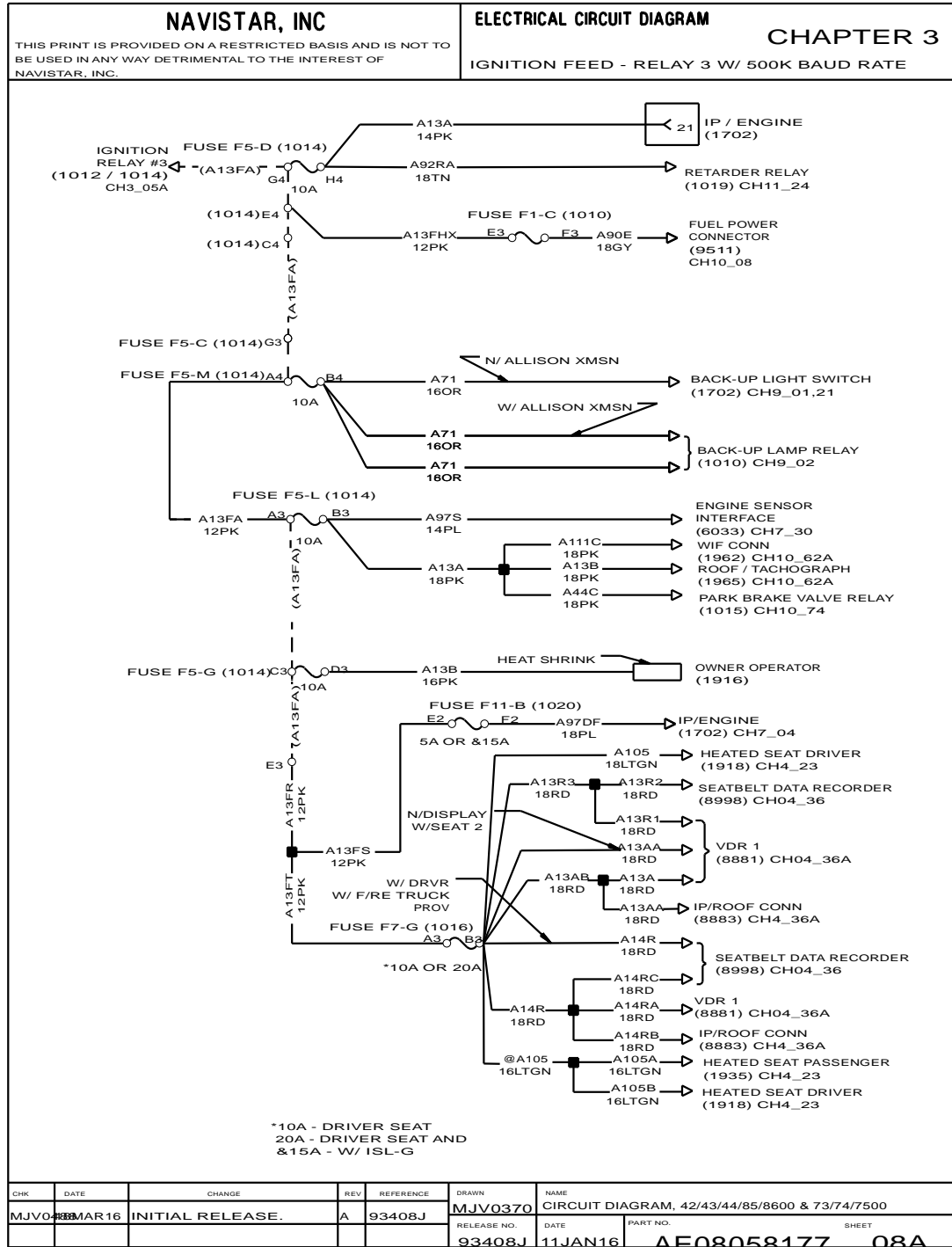


Figure 29 Ignition Feed – Relay 3 with 500K Baud Rate

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

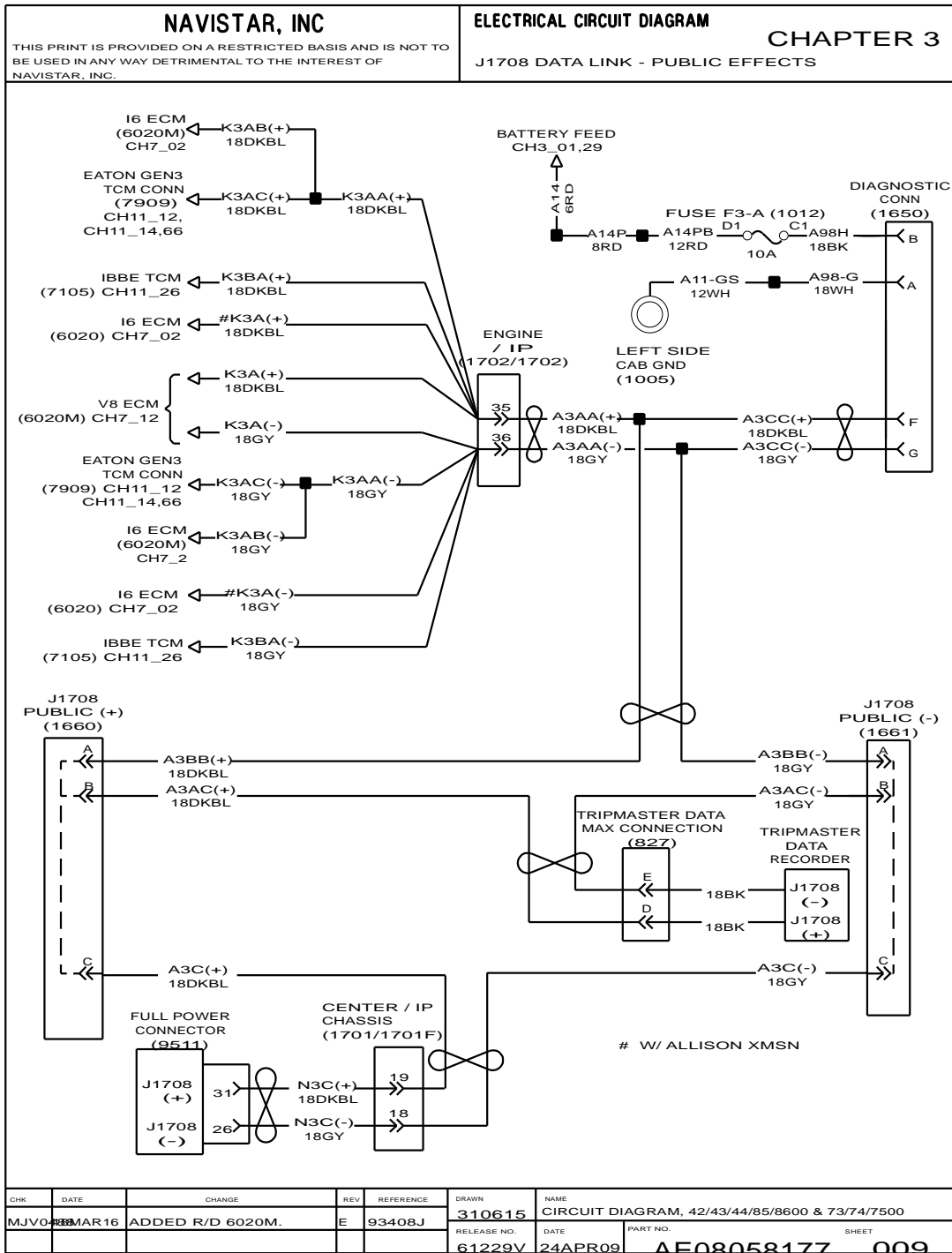


Figure 30 J1708 Data Link – Public Effects





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

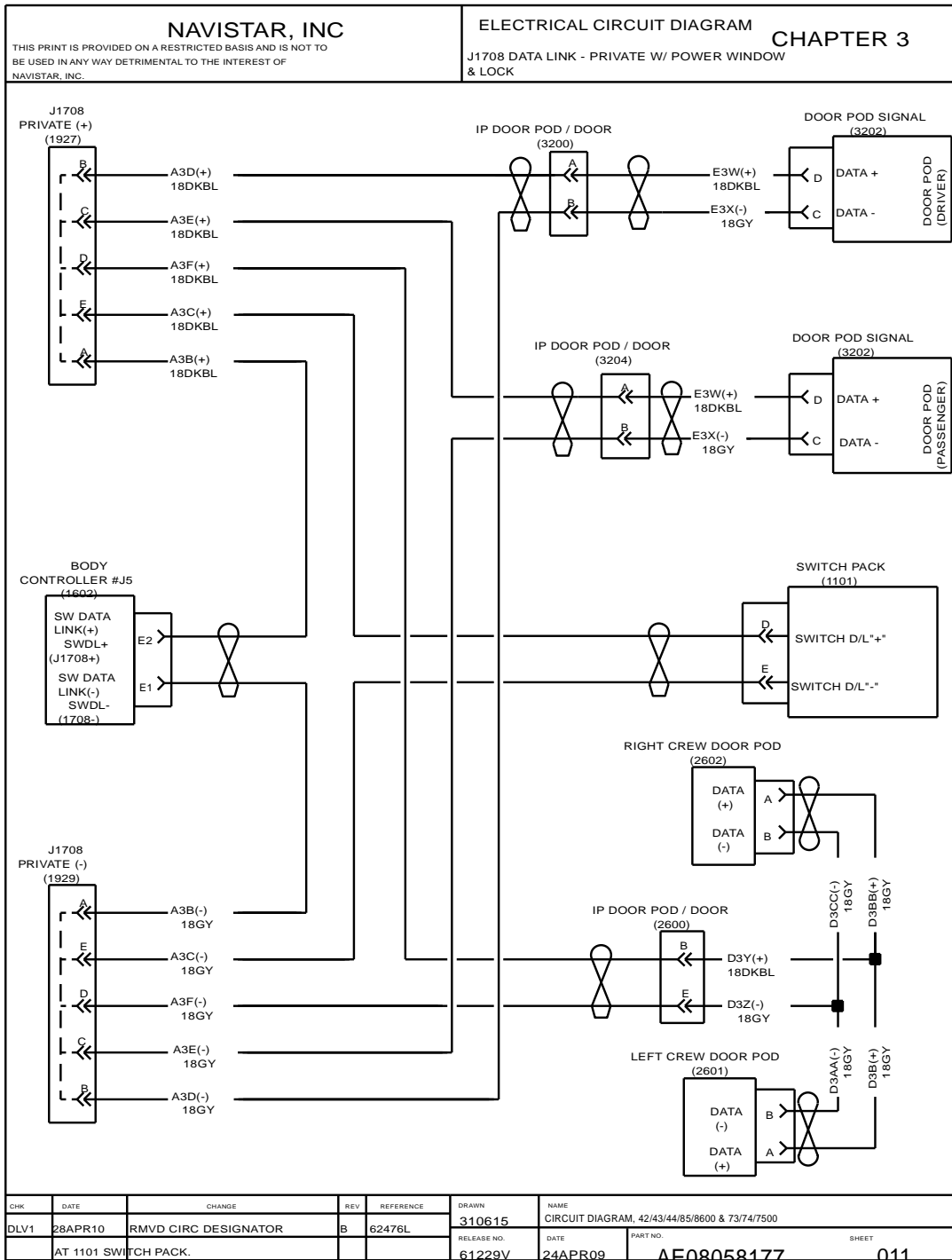


Figure 32 J1708 Data Link – Private with Power Window and Lock

3.21. J1939 DATA LINK, P. 12

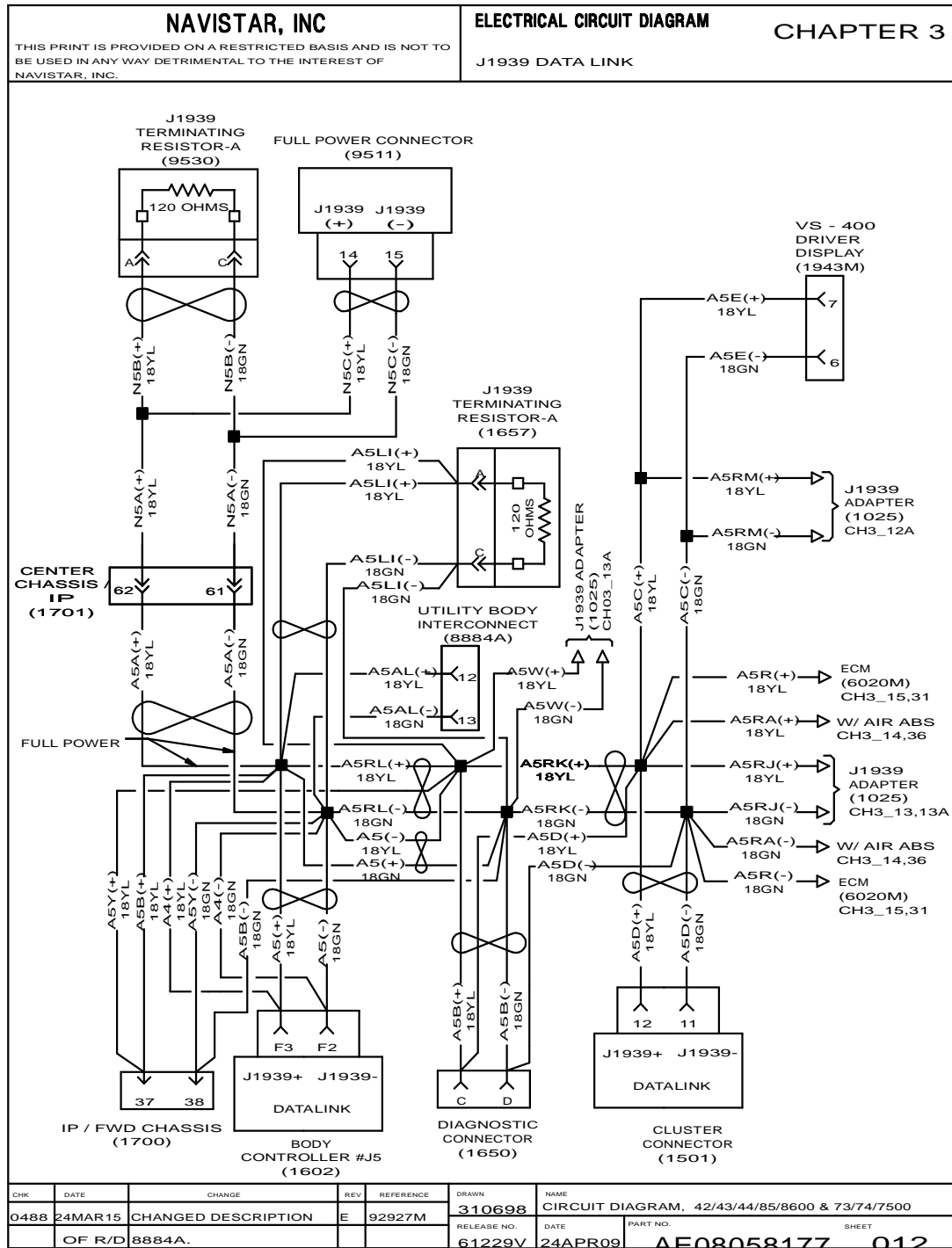


Figure 33 J1939 Data Link





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

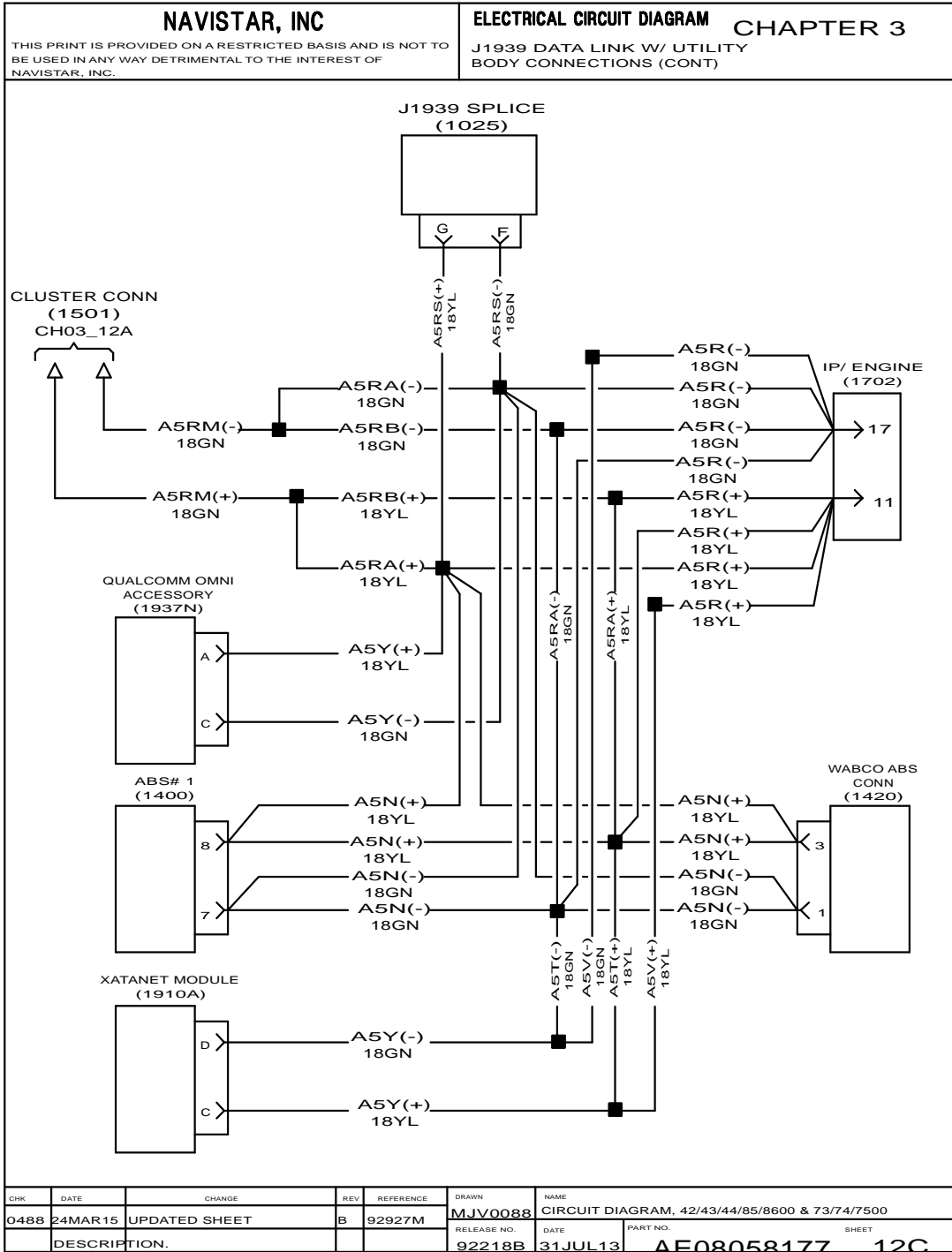


Figure 36 J1939 Data Link with Utility Body Connections

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

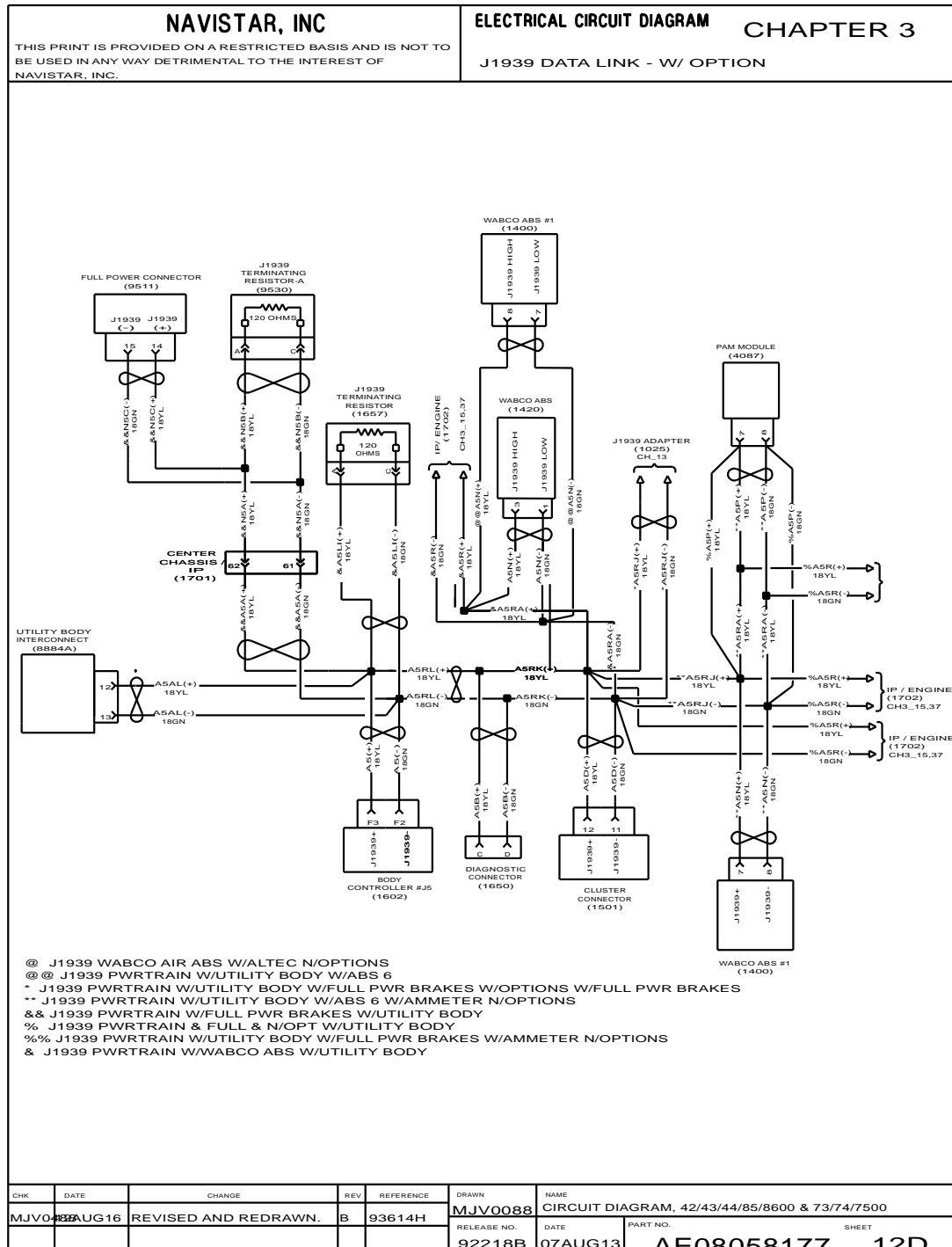


Figure 37 J1939 Data Link with Options

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

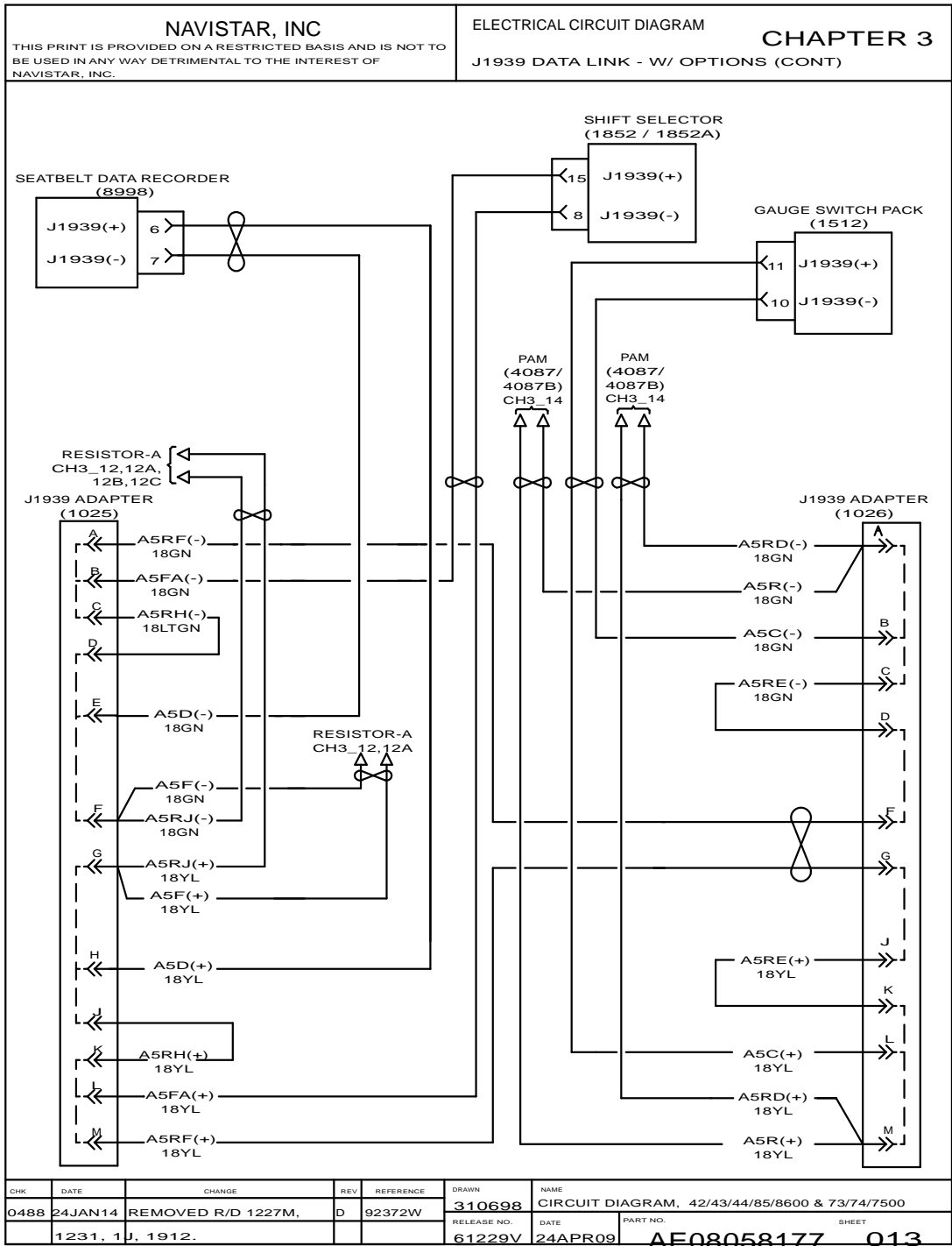


Figure 38 J1939 Data Link with Options (Cont.)



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

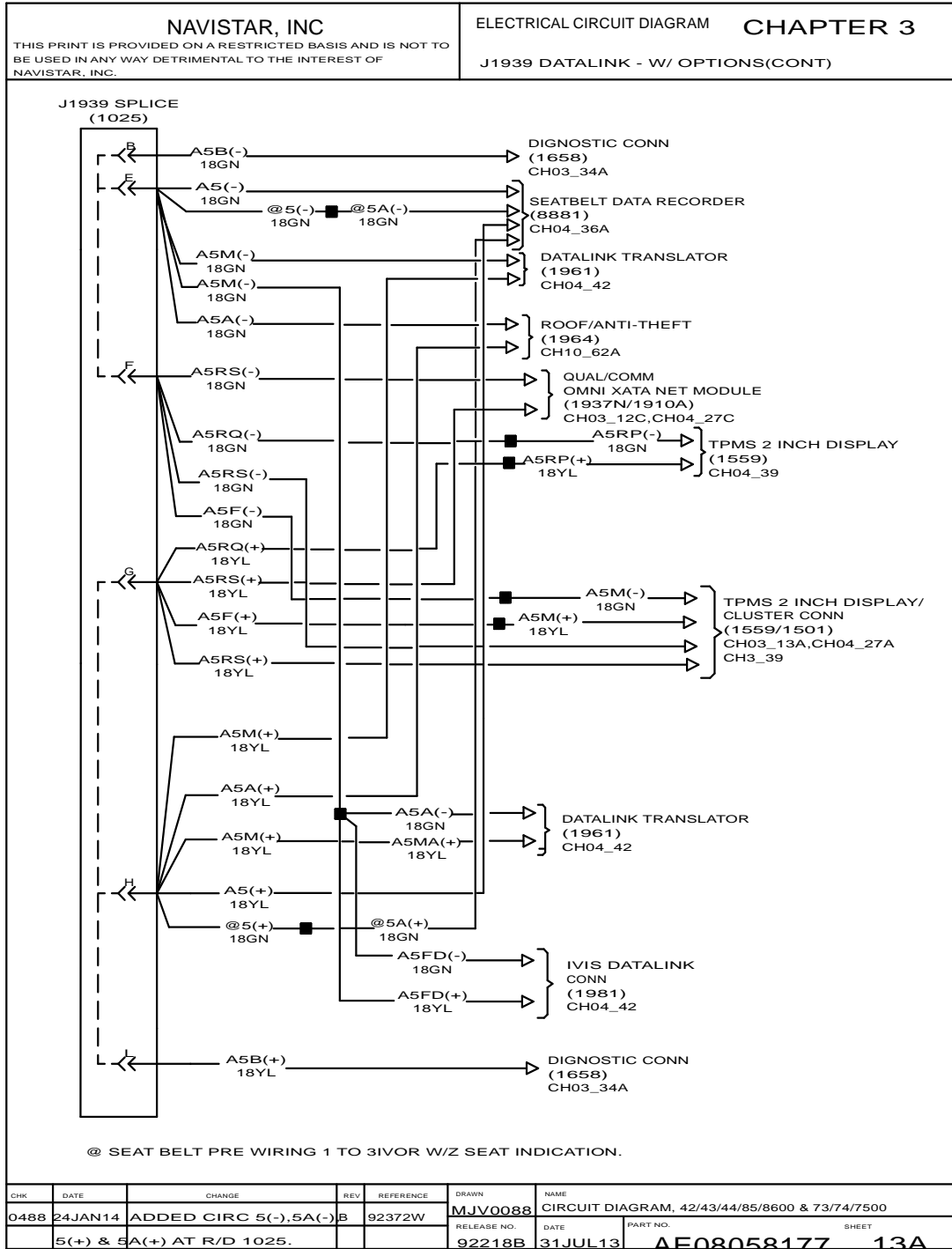


Figure 39 J1939 Data Link with Options (Cont.)

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

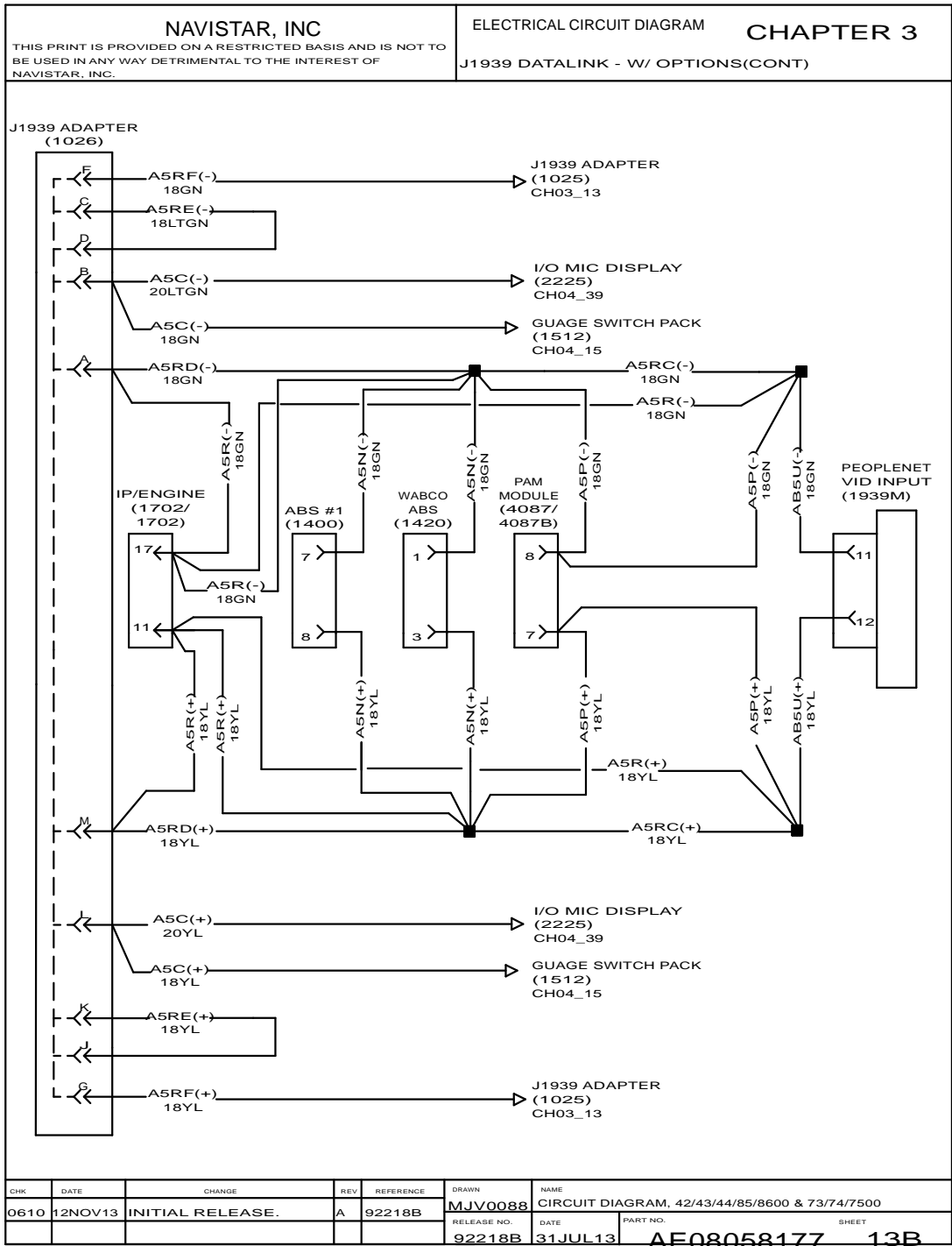


Figure 40 J1939 Data Link with Options (Cont.)

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

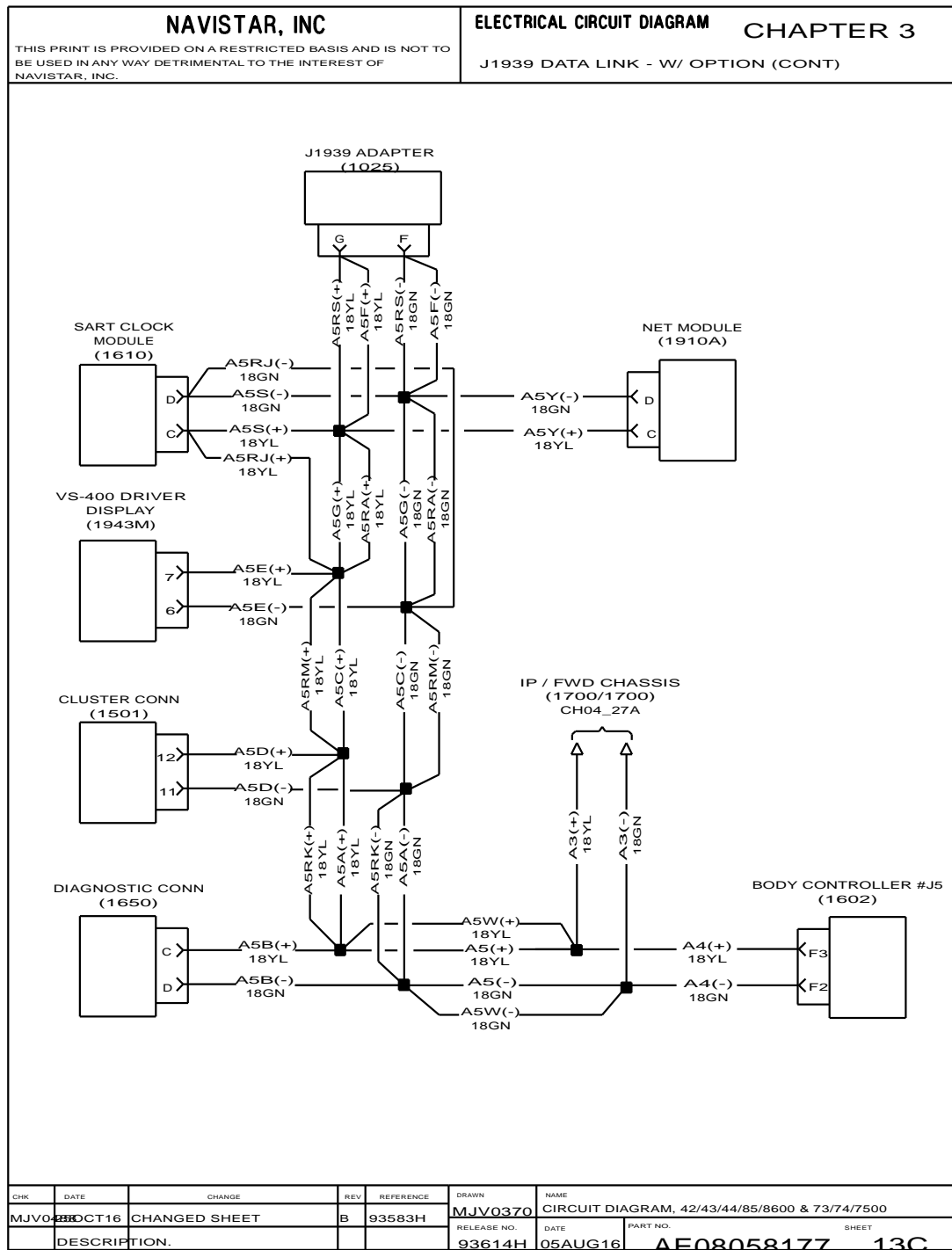


Figure 41 J1939 Data Link with Options (Cont.)

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

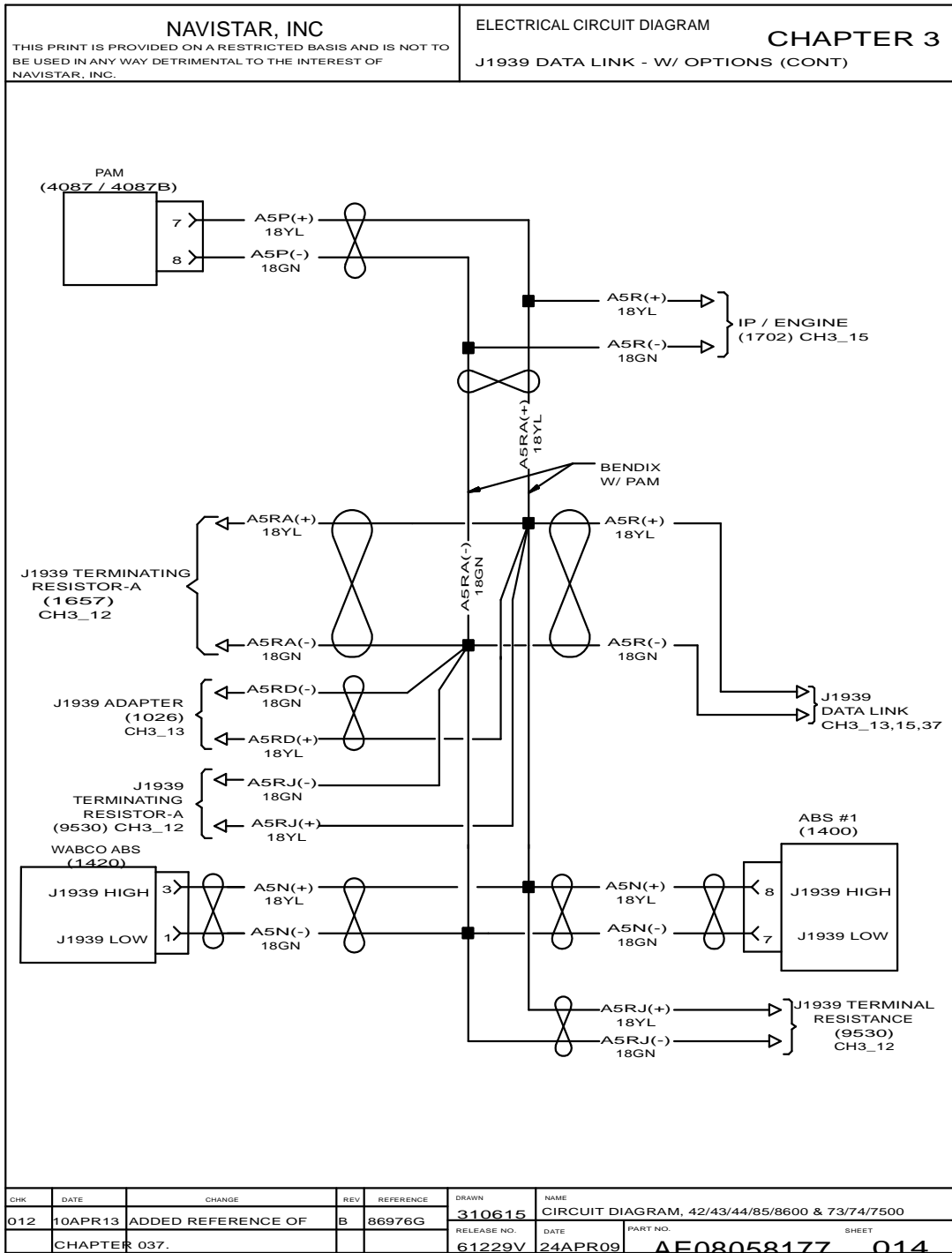


Figure 42 J1939 Data Link with Options (Cont.)

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

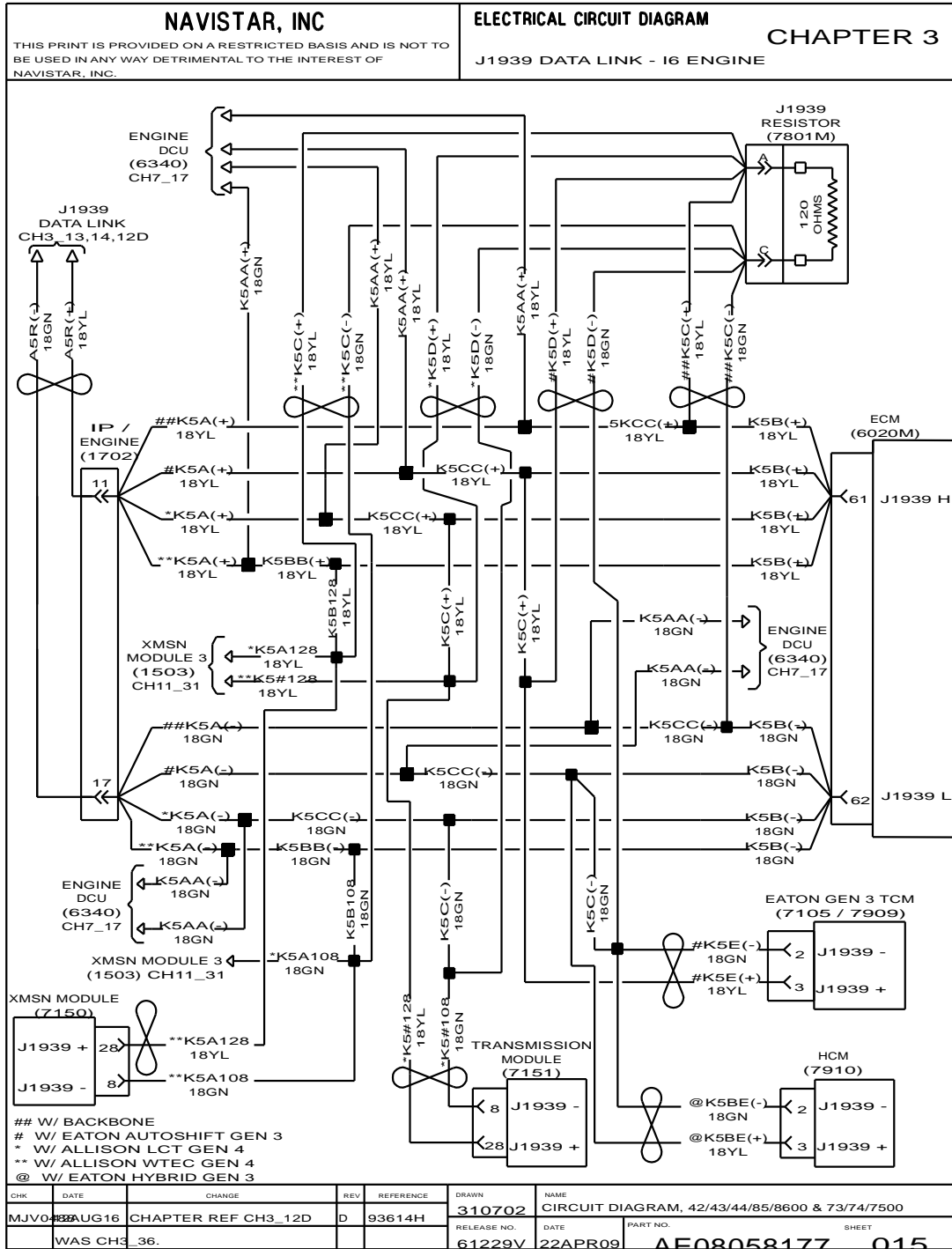


Figure 43 J1939 Data Link – I6 Engine

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

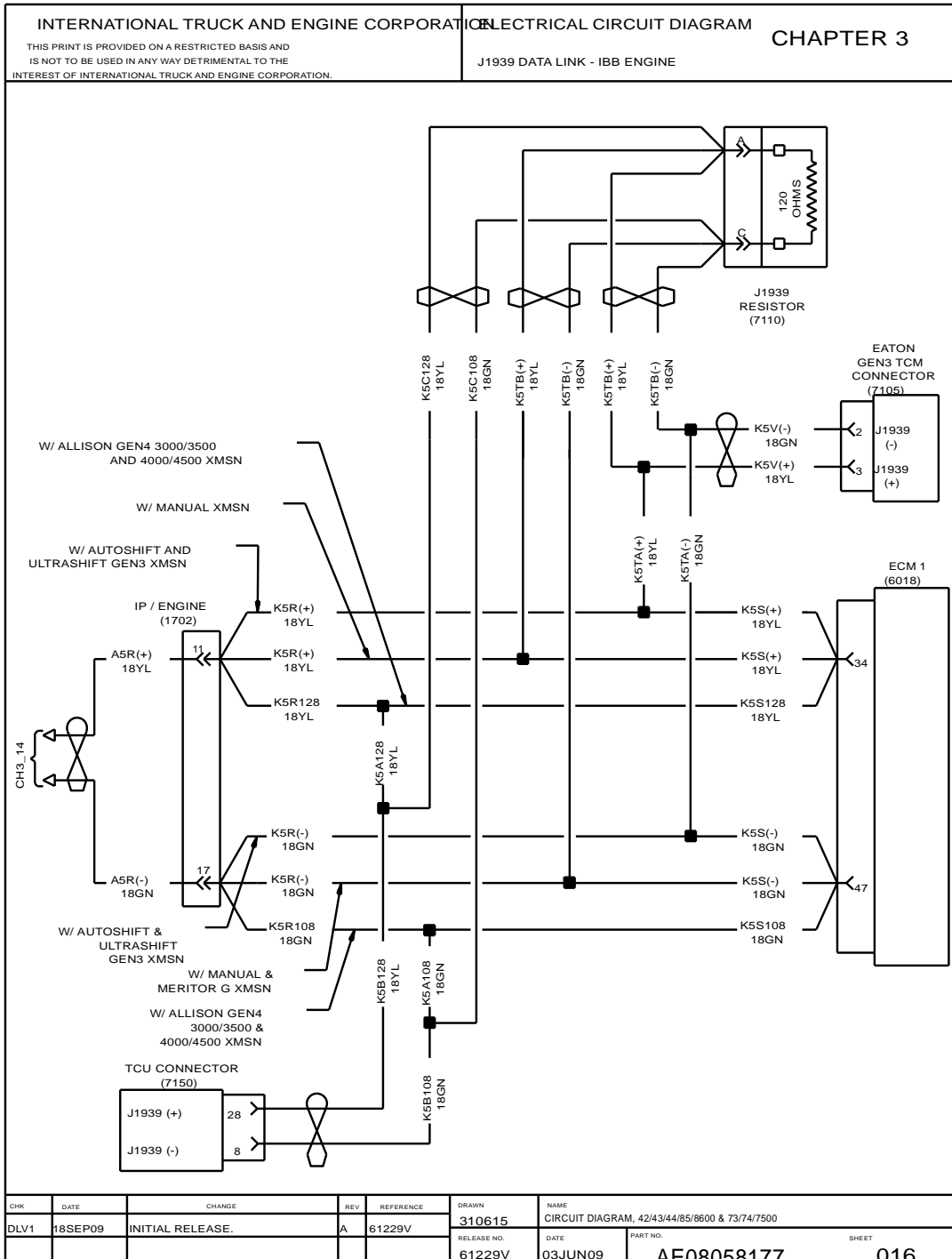


Figure 44 J1939 Data Link – IBB Engine

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

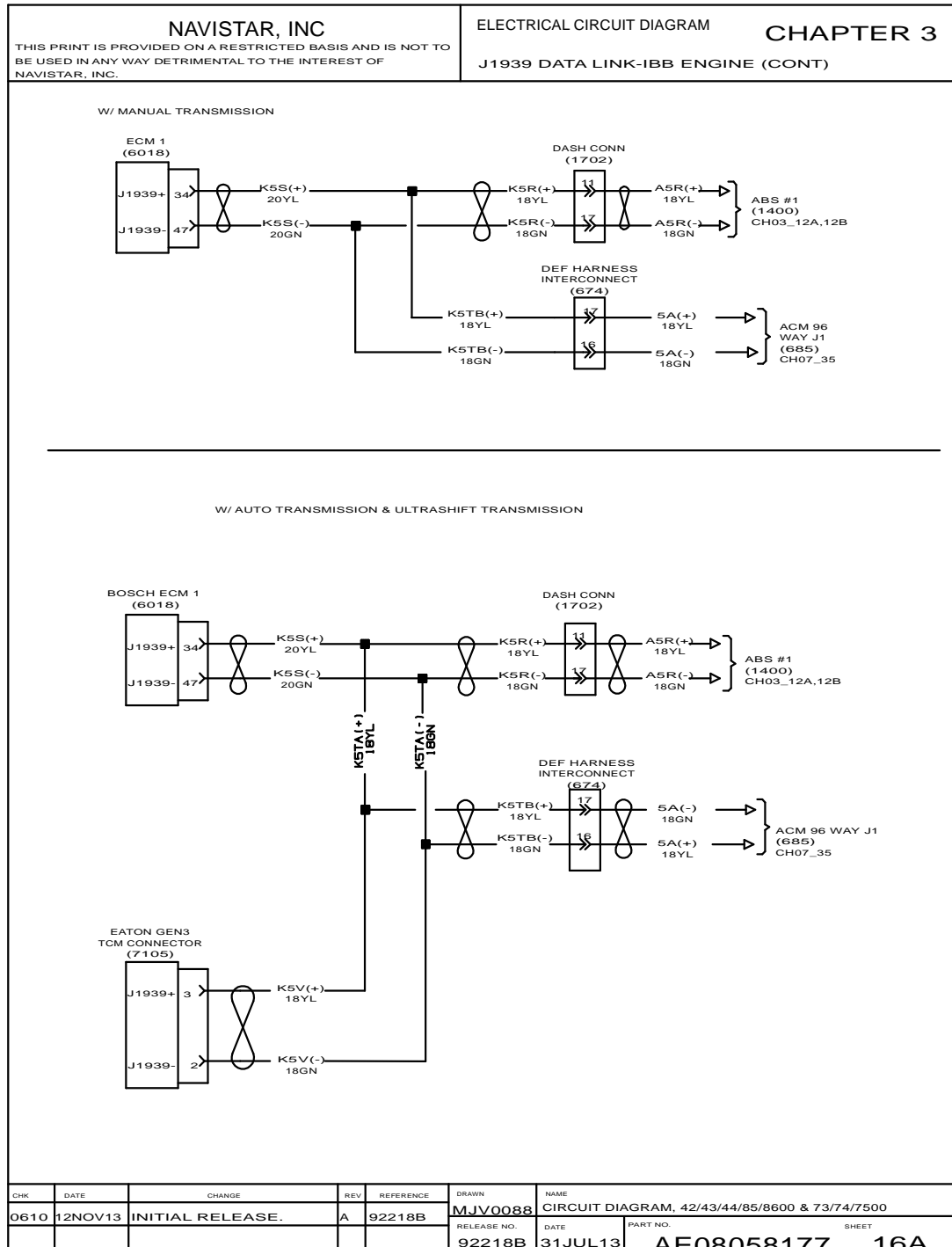
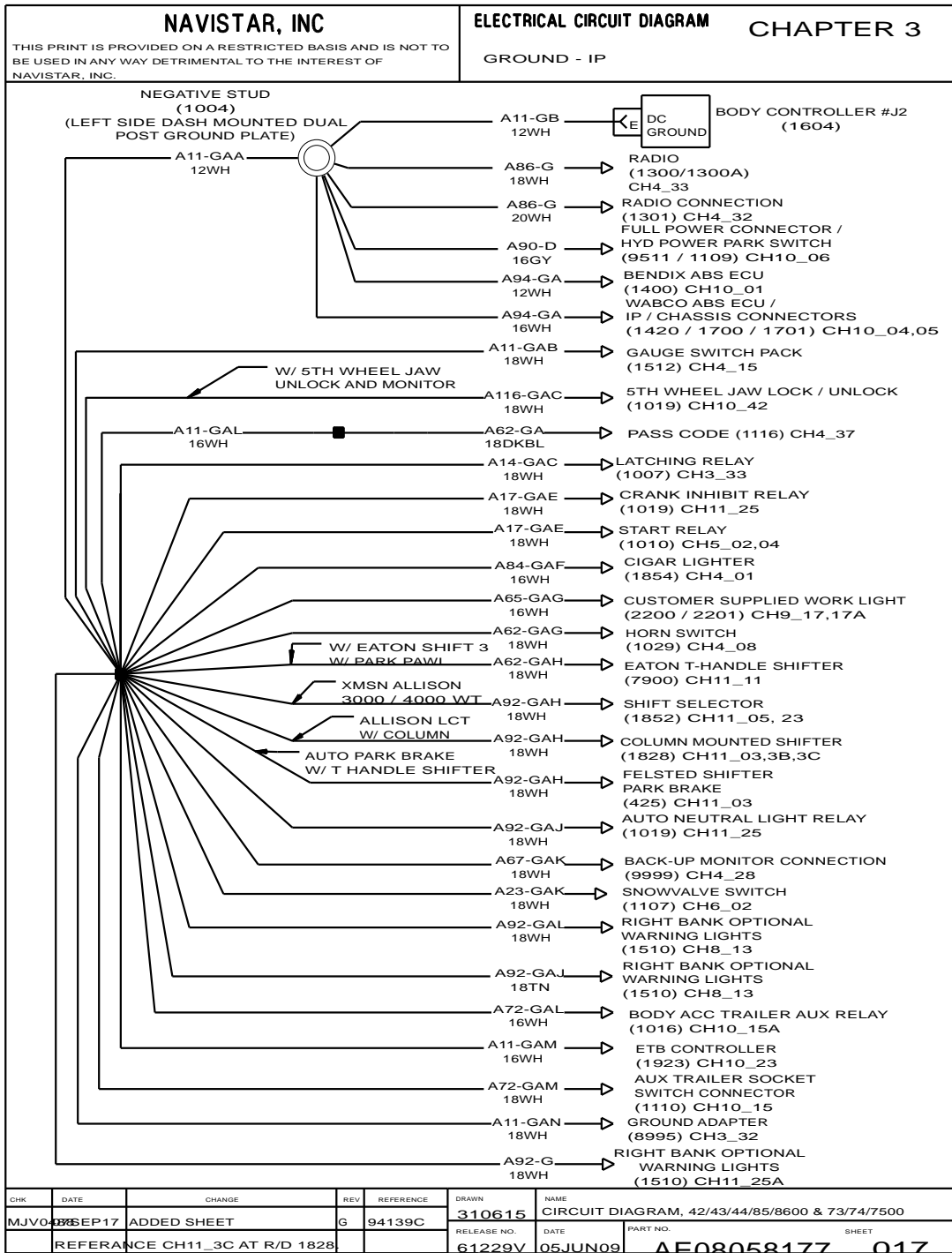


Figure 45 J1939 Data Link – IBB Engine (Cont.)

3.34. GROUND – IP, P. 17



CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJV	02 SEP 17	ADDED SHEET	G	94139C	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
		REFERENCE CH11_3C AT R/D 1828			RELEASE NO.	DATE
					61229V	05 JUN 09
						PART NO.
						AE08058177
						SHEET
						017

Figure 46 Ground – IP



3.35. GROUND – IP (CONT.), P. 18

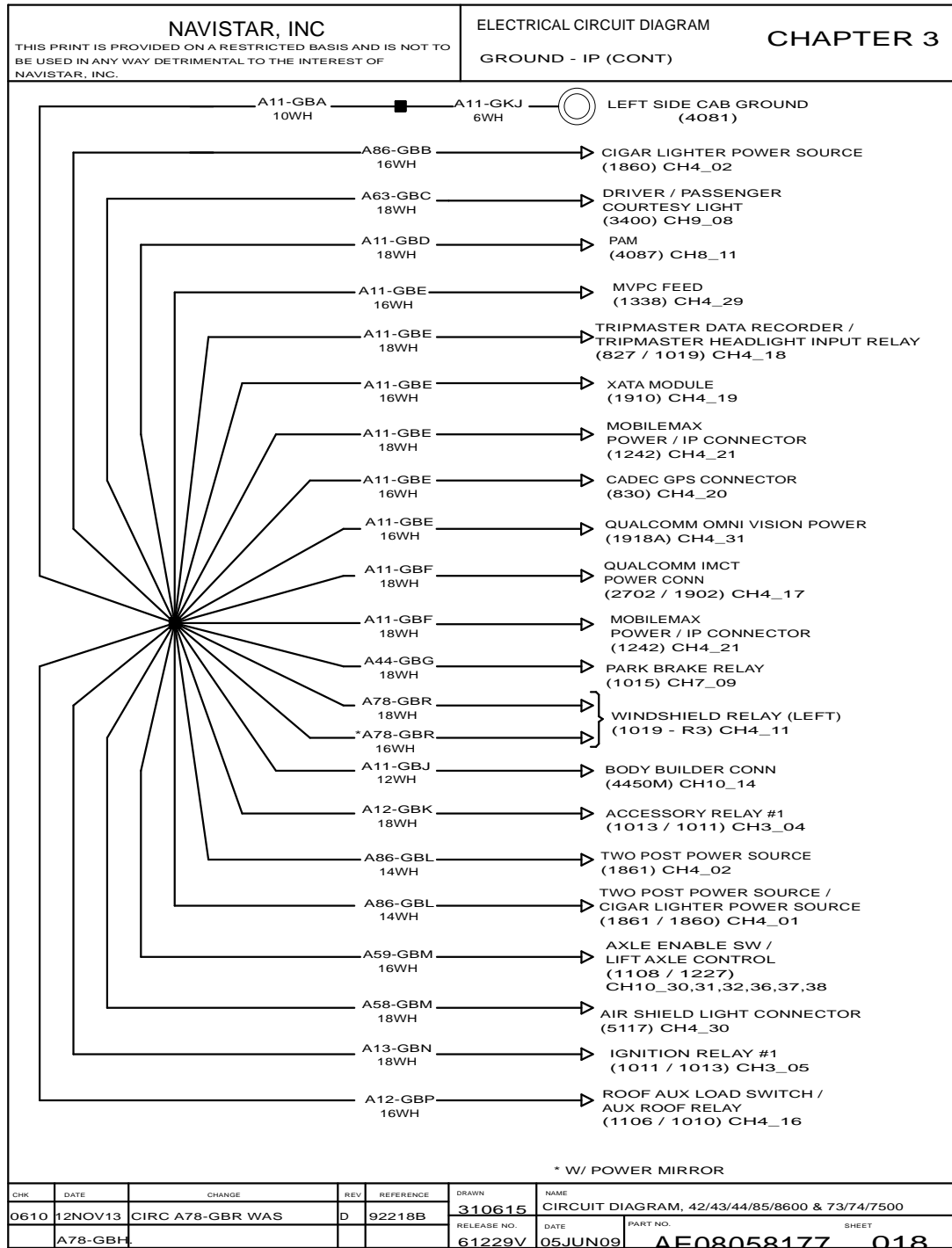


Figure 47 Ground – IP (Cont.)

3.36. GROUND – IP (CONT.), P. 19

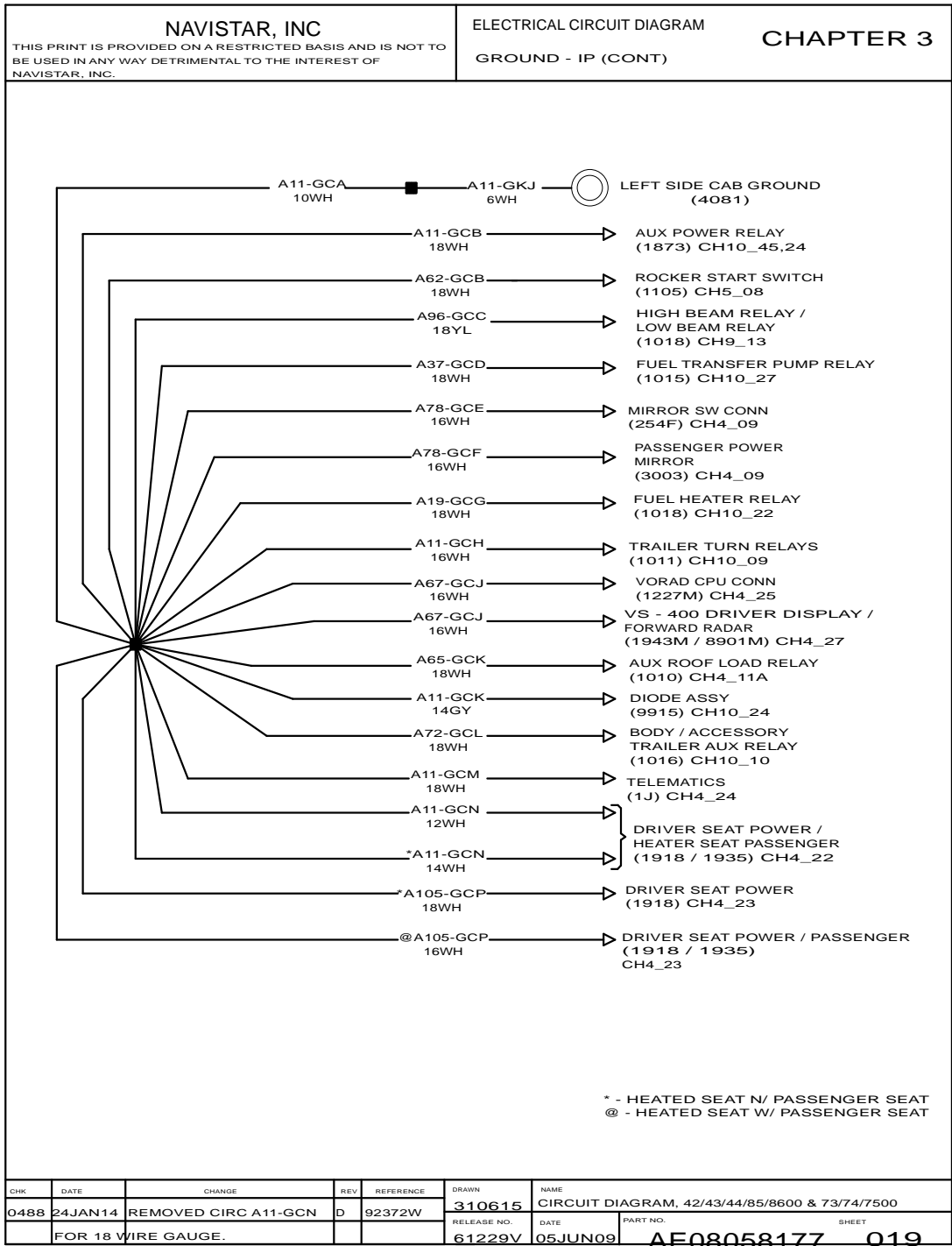


Figure 48 Ground – IP (Cont.)

3.37. GROUND – IP (CONT.), P. 20

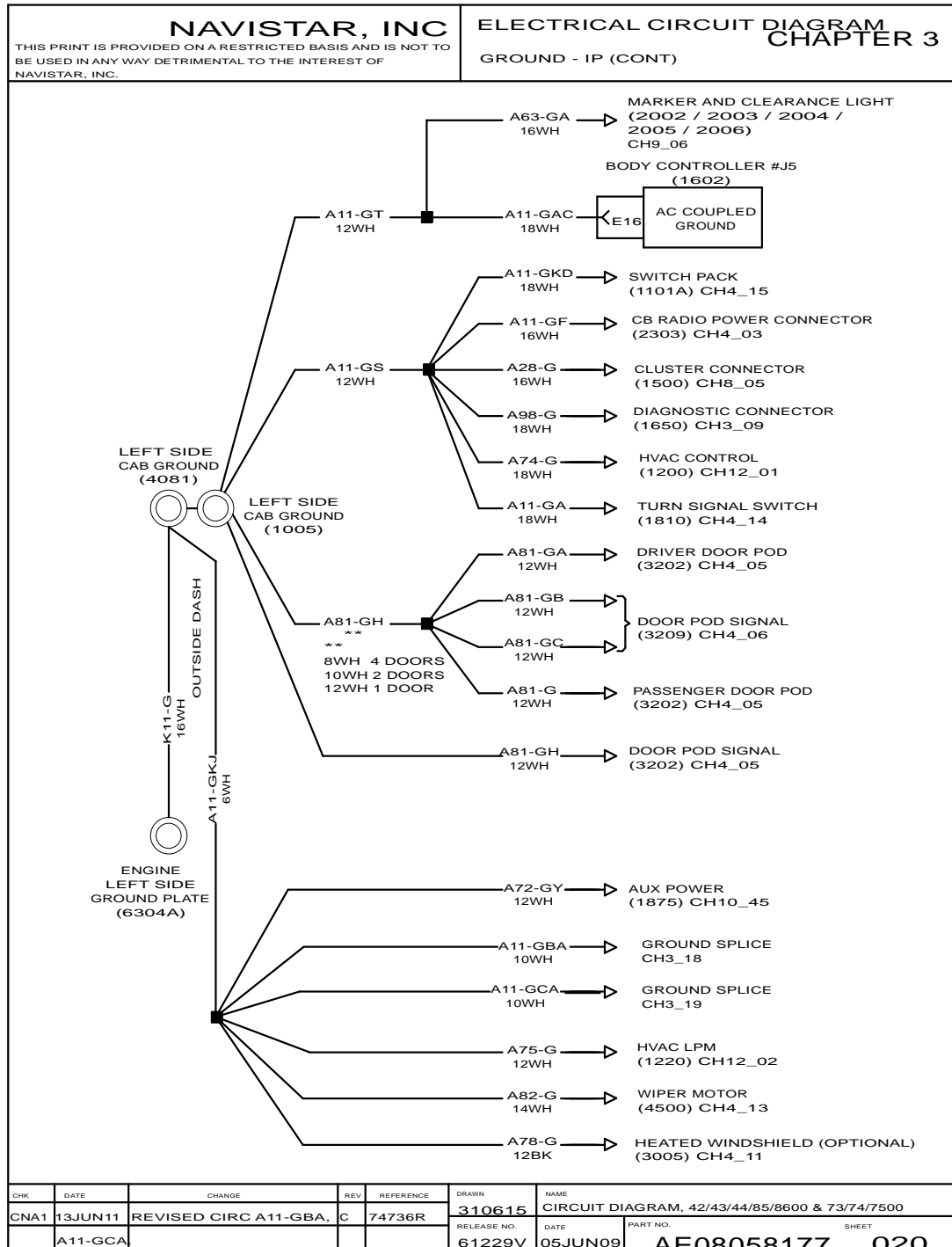


Figure 49 Ground – IP (Cont.)

3.38. GROUND – CHASSIS, P. 21

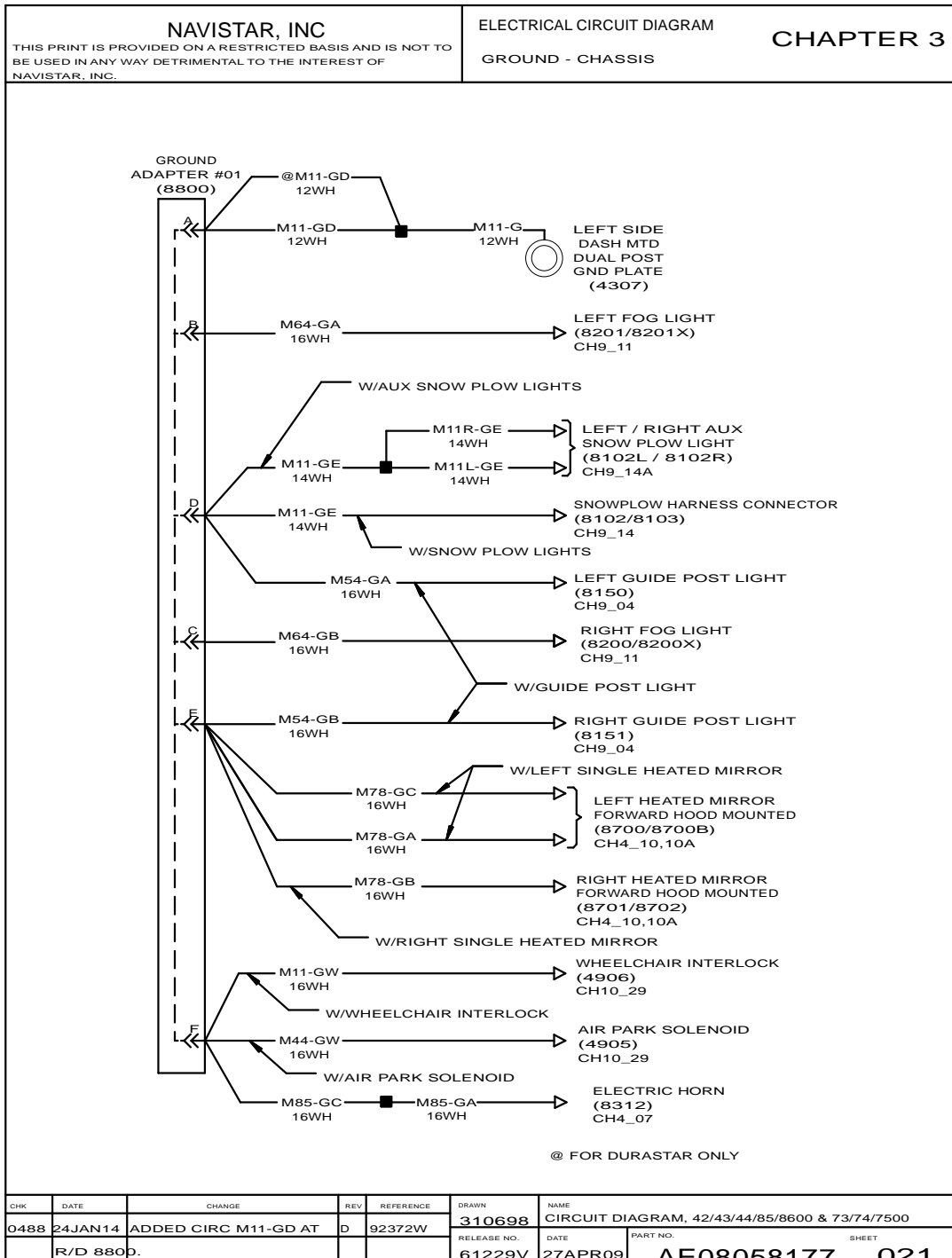


Figure 50 Ground – Chassis

3.39. GROUND – CHASSIS (CONT.), P. 22

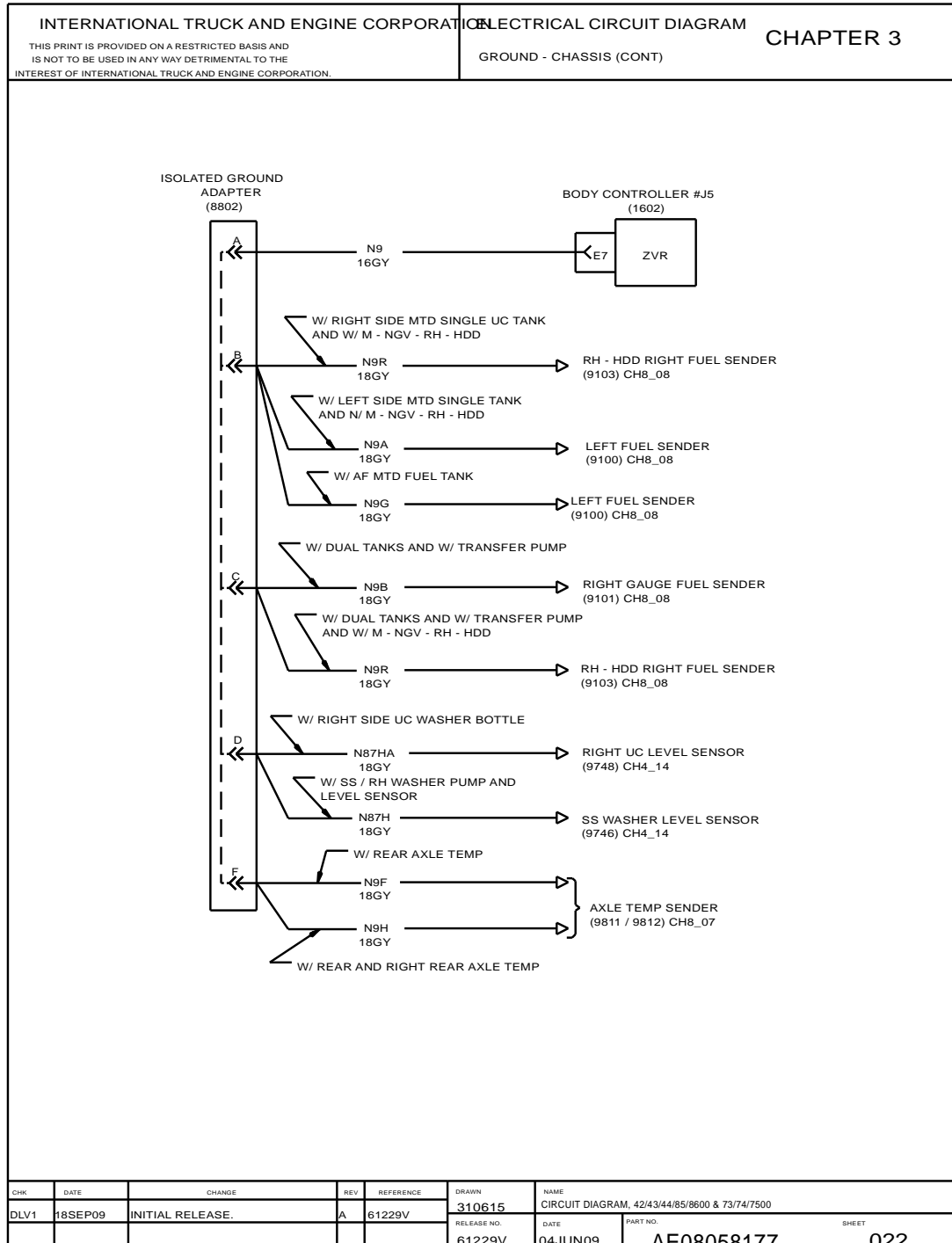


Figure 51 Ground – Chassis (Cont.)

3.40. GROUND – CHASSIS (CONT.), P. 23

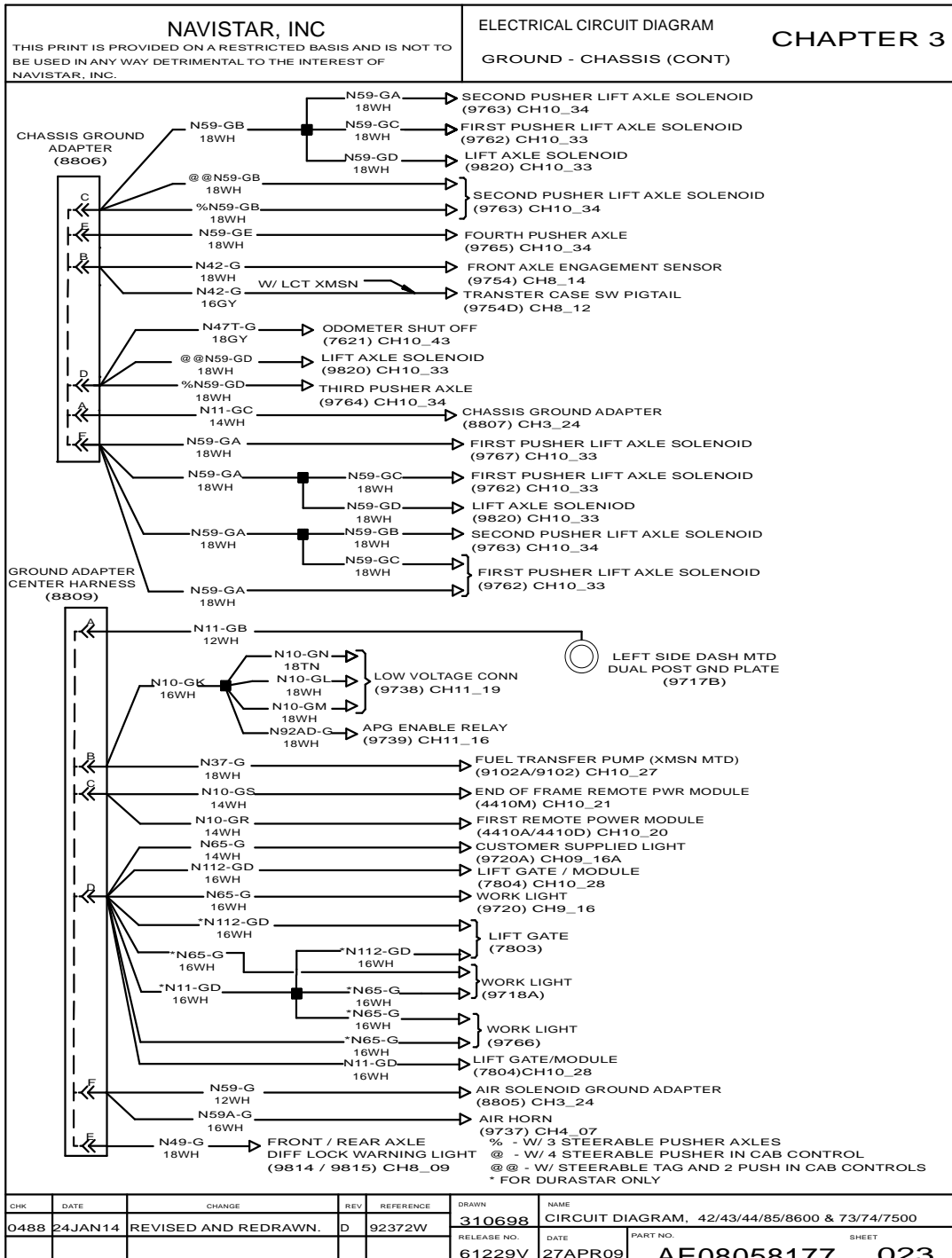


Figure 52 Ground – Chassis (Cont.)

3.41. GROUND – CHASSIS (CONT.), P. 24

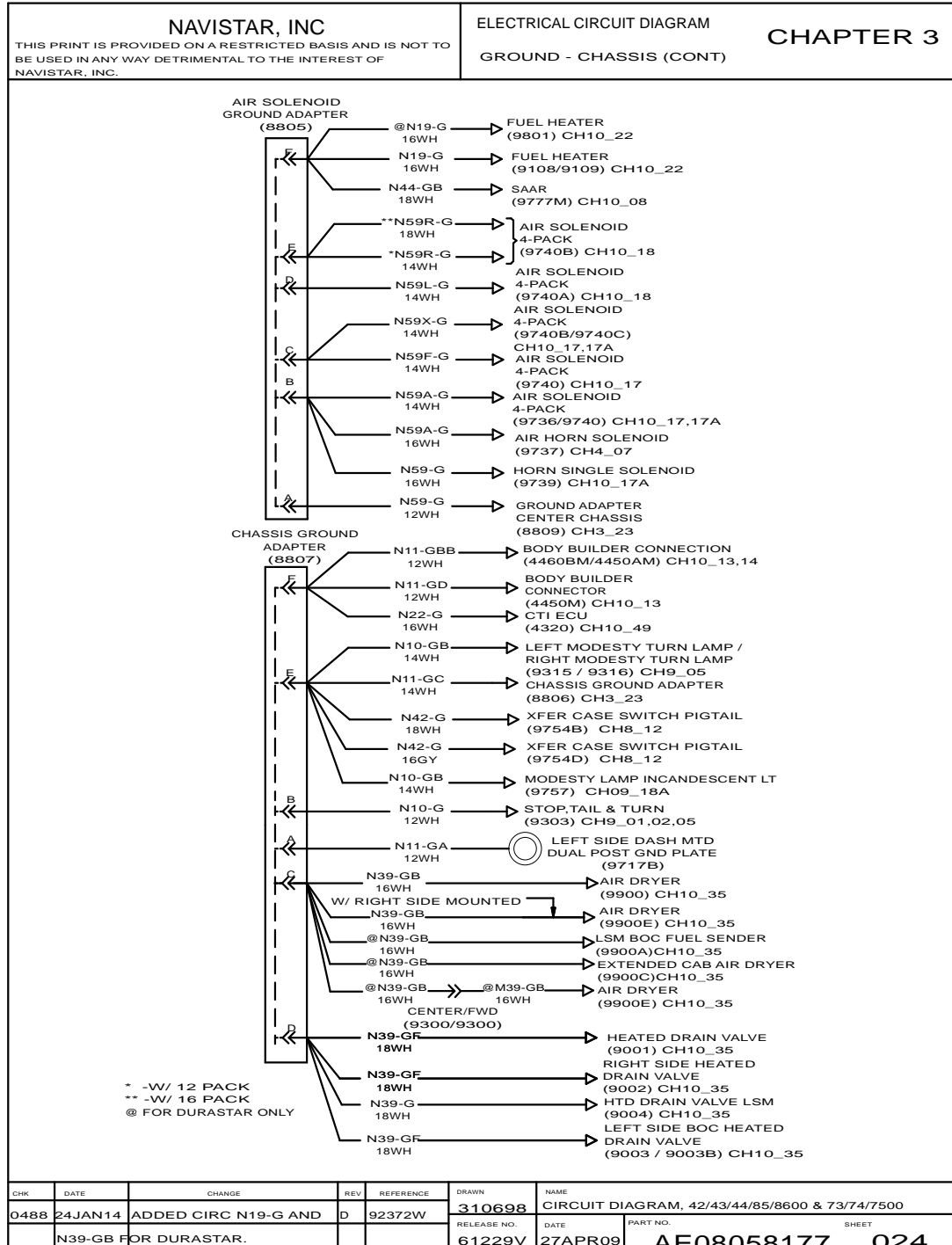


Figure 53 Ground – Chassis (Cont.)

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

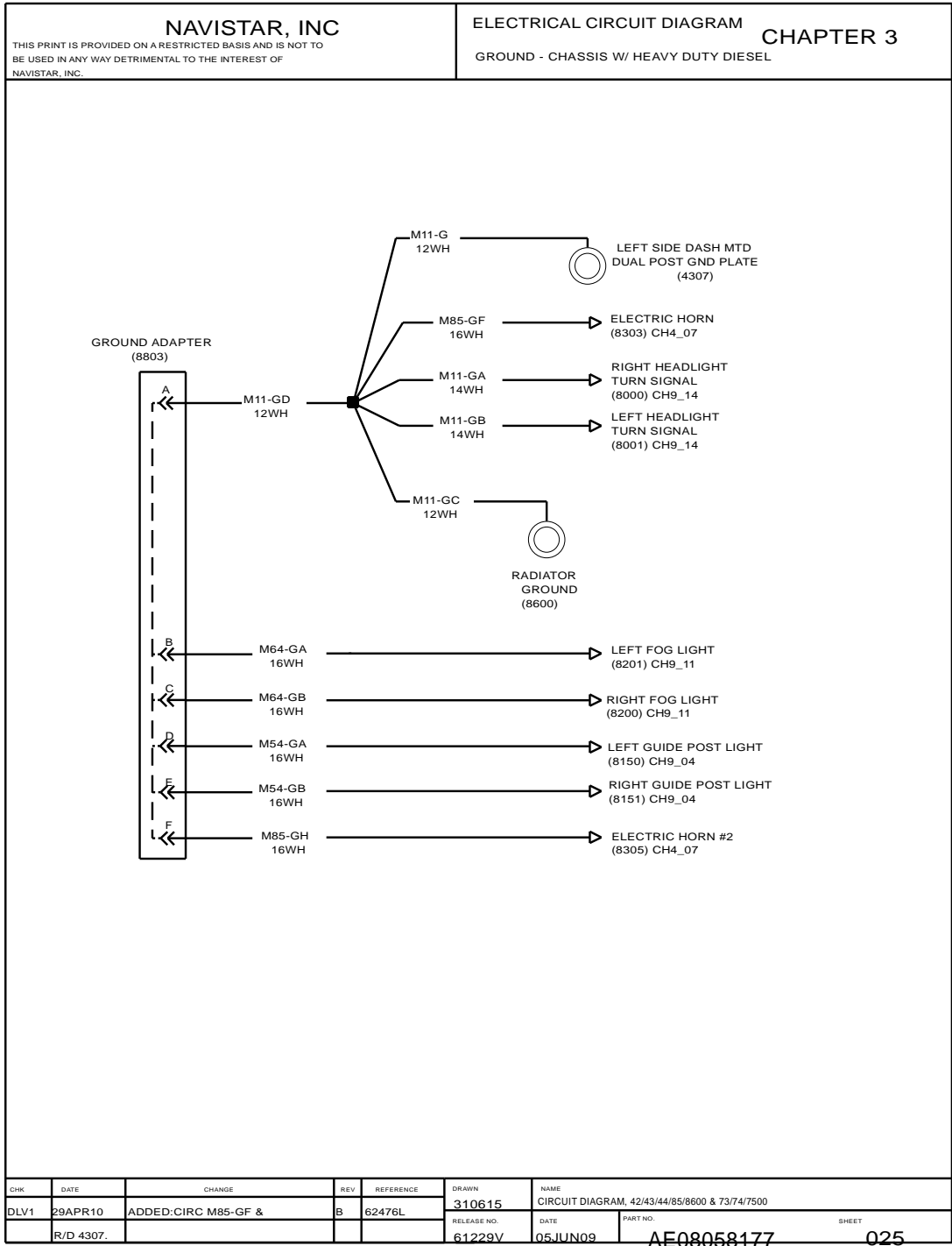


Figure 54 Ground – Chassis with Heavy Duty Diesel



3.43. ENGINE GROUND – V8 ENGINE, P. 26

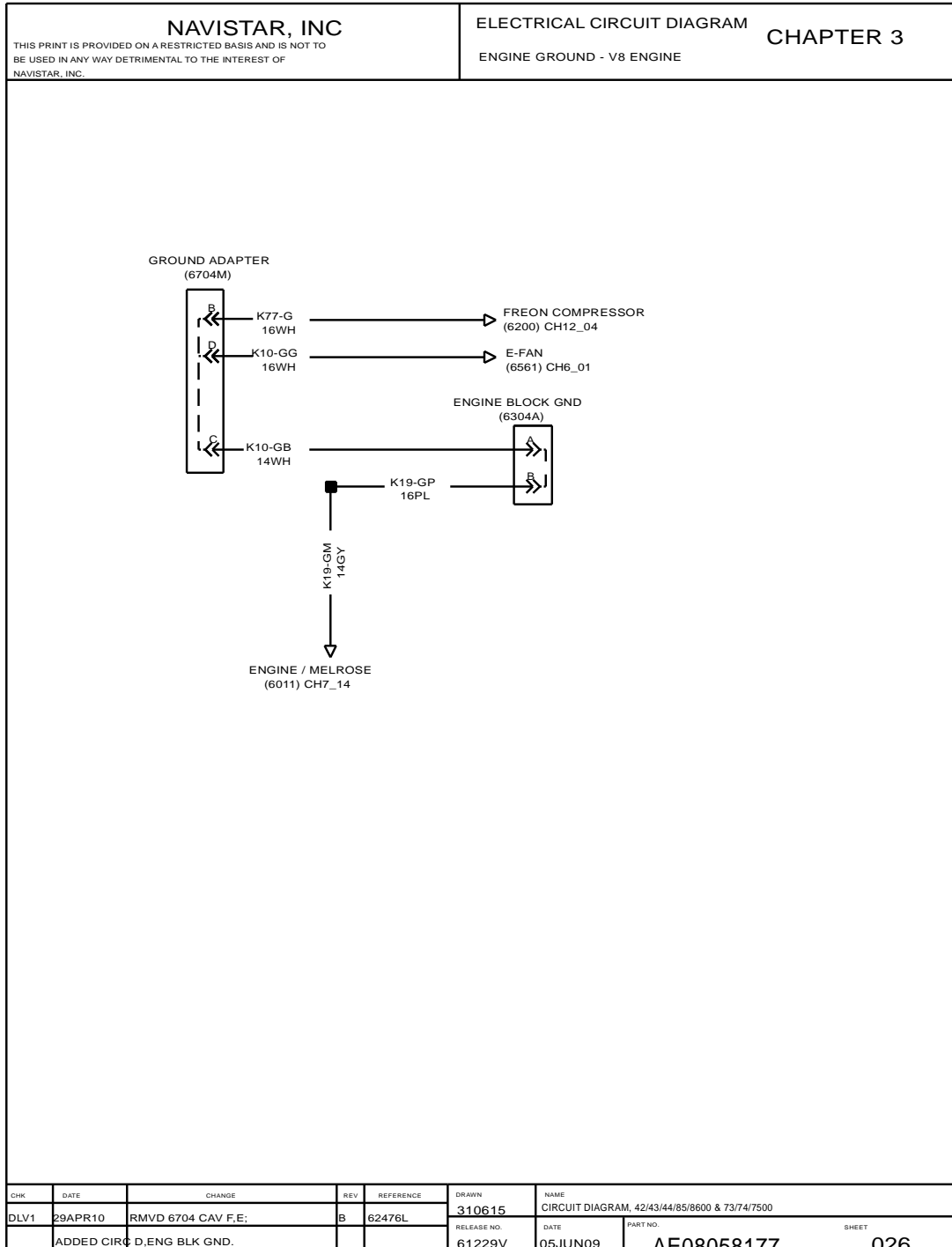


Figure 55 Engine Ground – V8 Engine

3.44. ENGINE GROUND – IBB ENGINE, P. 27

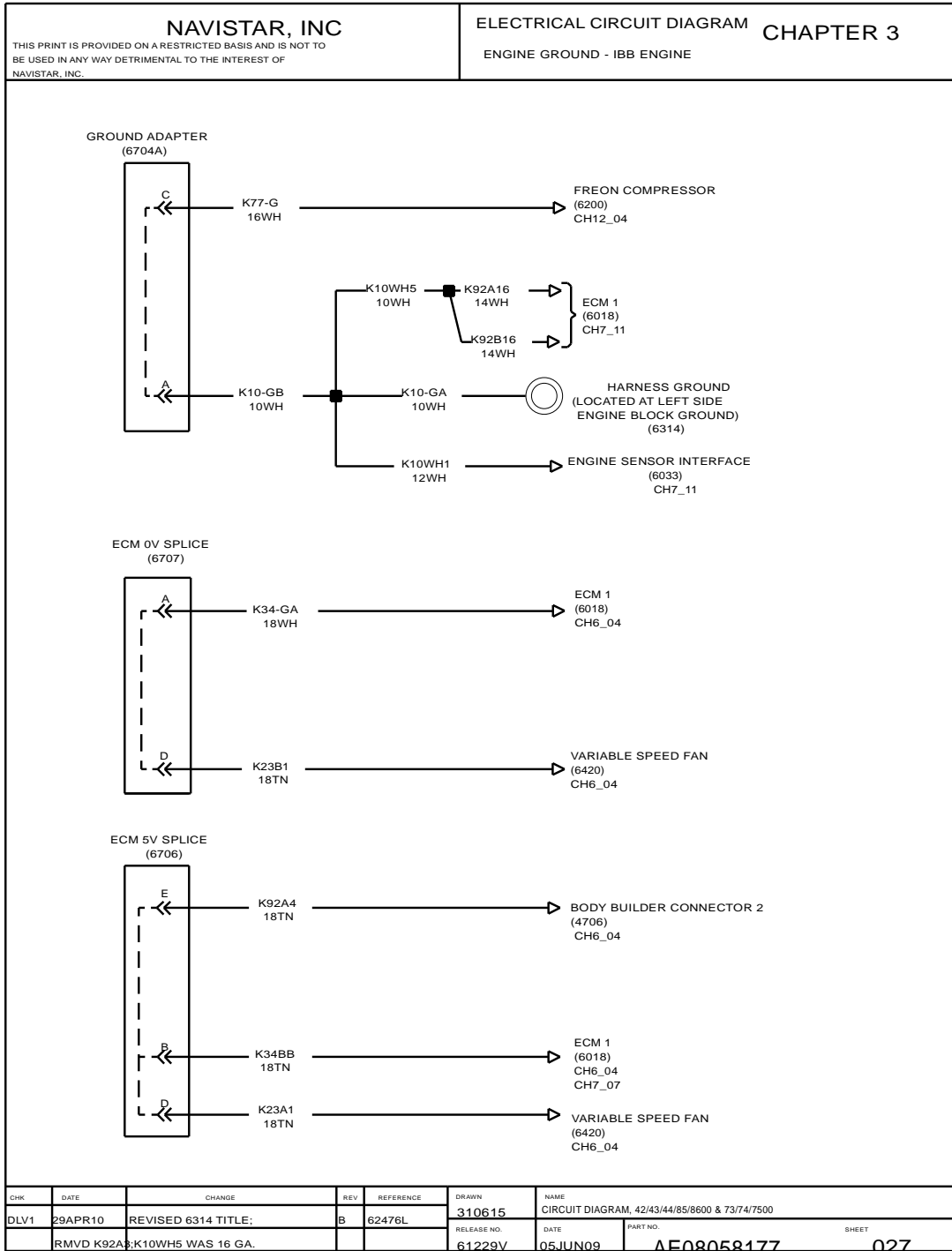


Figure 56 Engine Ground – IBB Engine

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

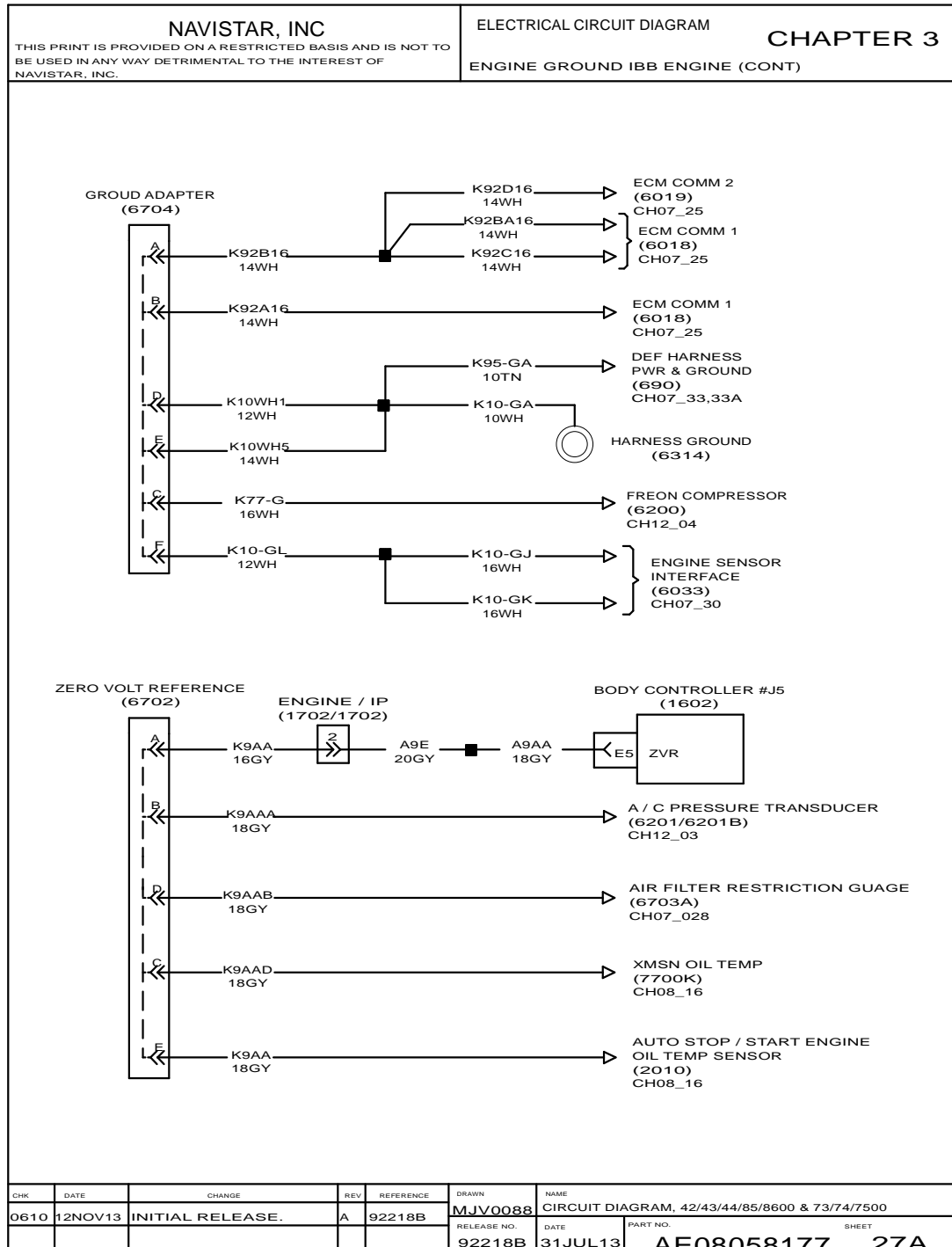


Figure 57 Engine Ground – IBB Engine (Cont.)

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

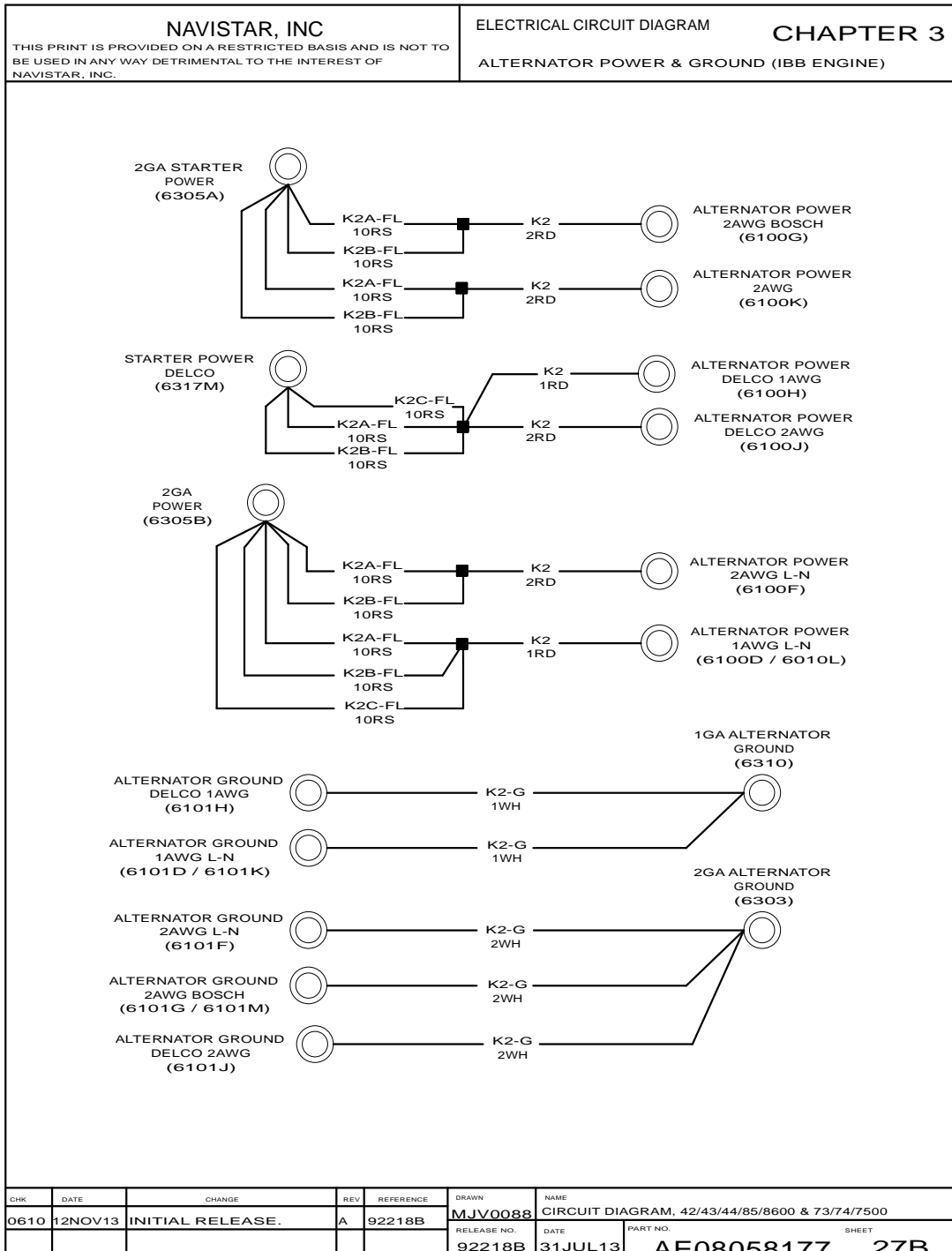


Figure 58 Alternator Power and Ground (IBB Engine)

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

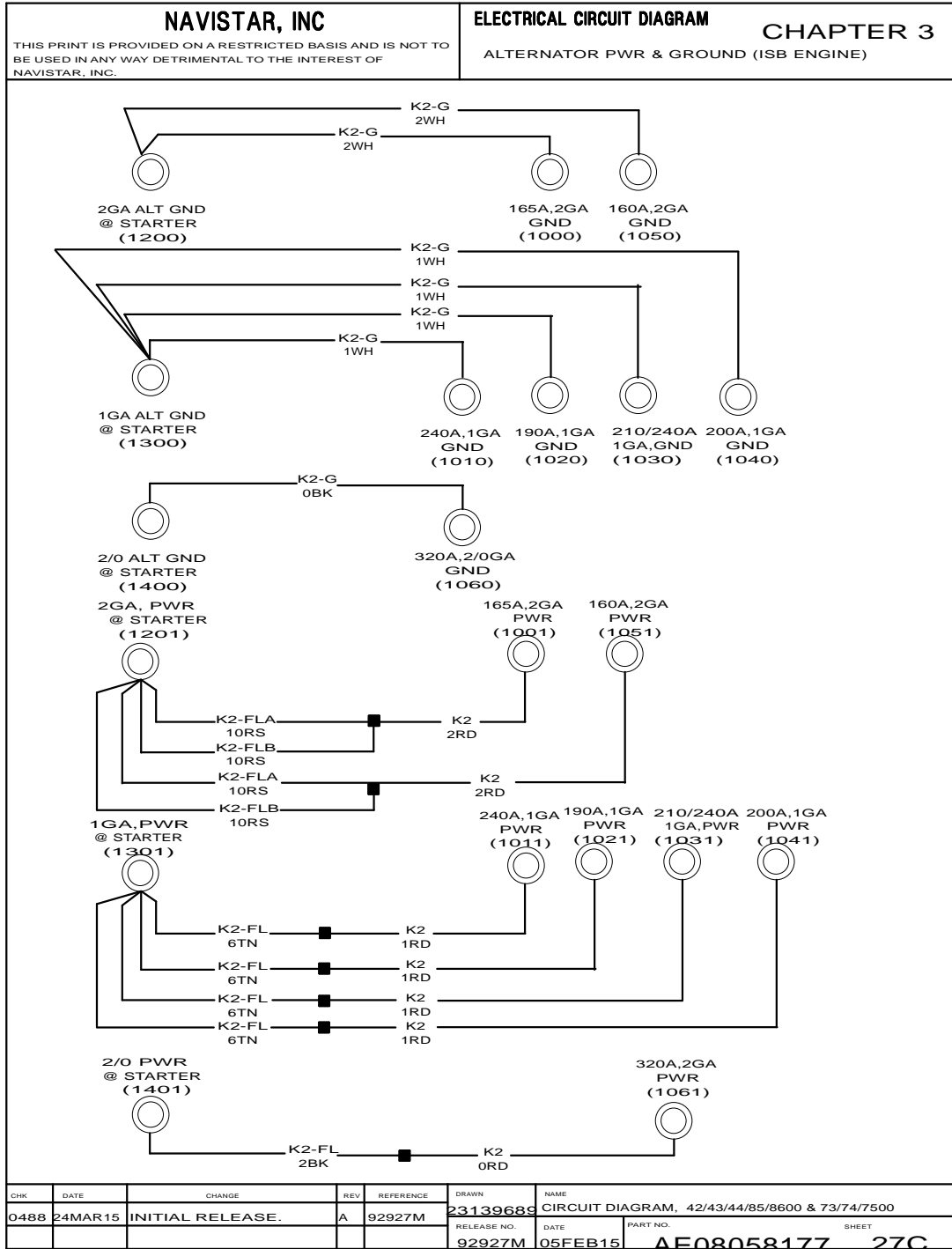


Figure 59 Alternator Power and Ground (IBB Engine)

3.48. ZERO VOLT REFERENCE, P. 28

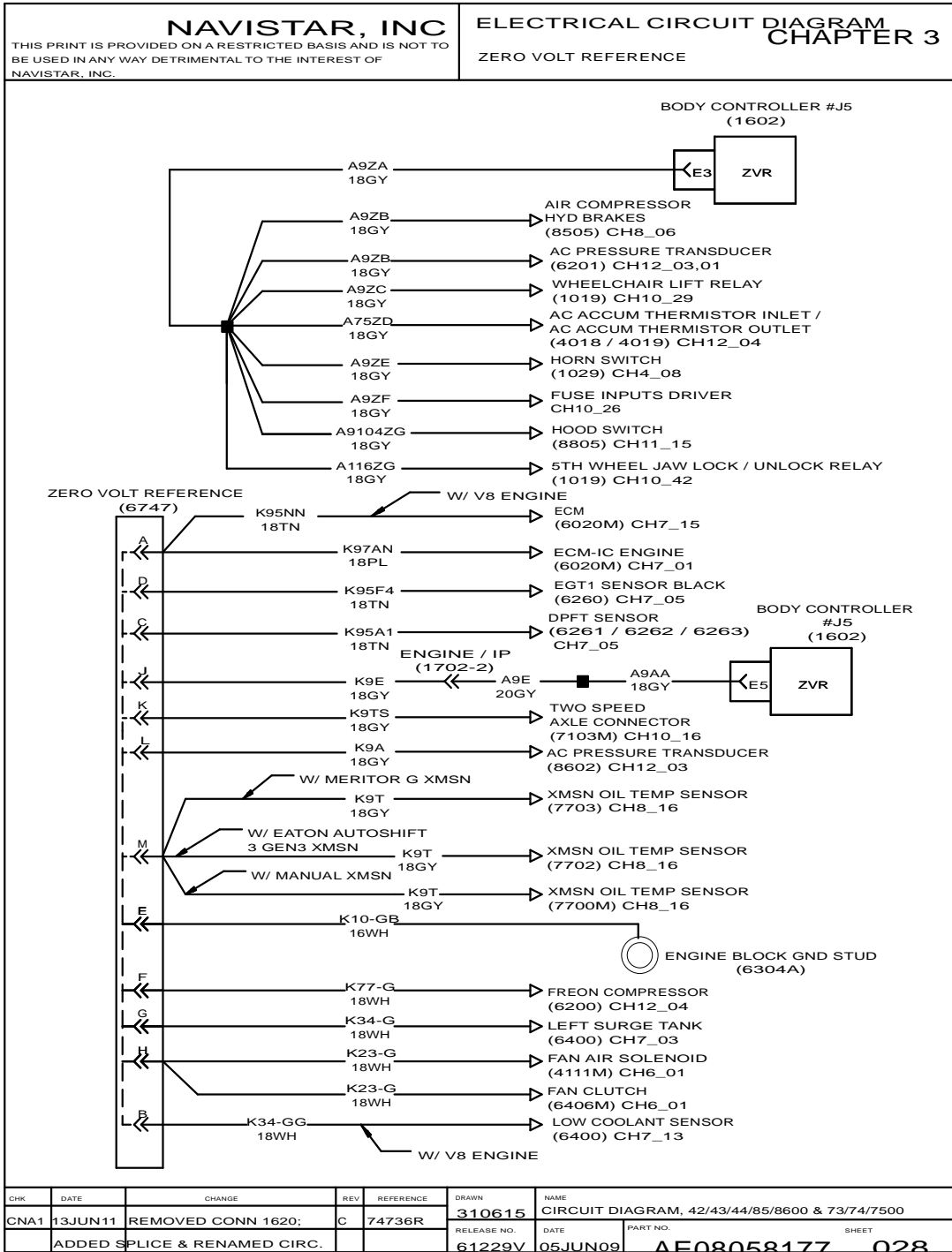


Figure 60 Zero Volt Reference

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

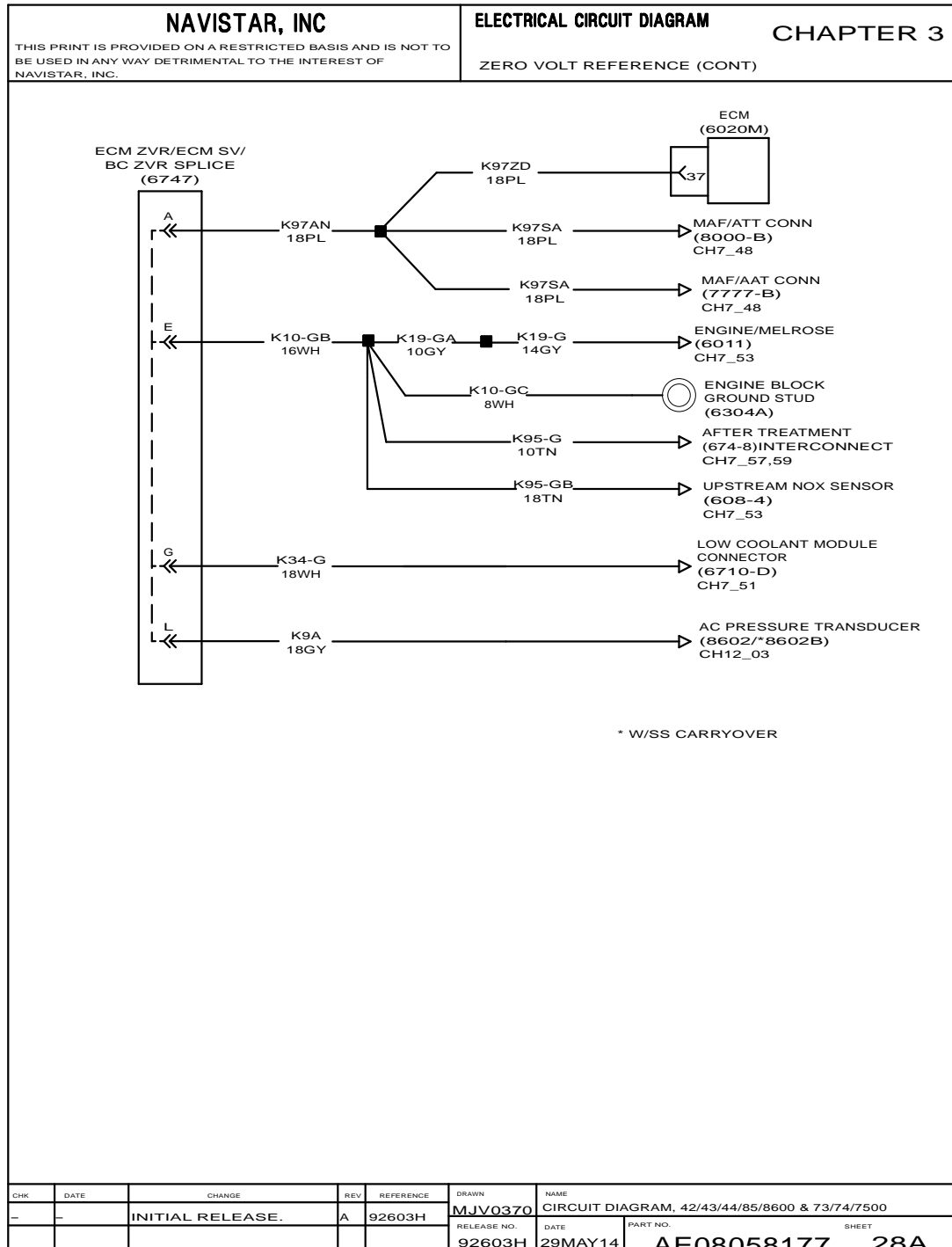


Figure 61 Zero Volt Reference (Cont.)

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

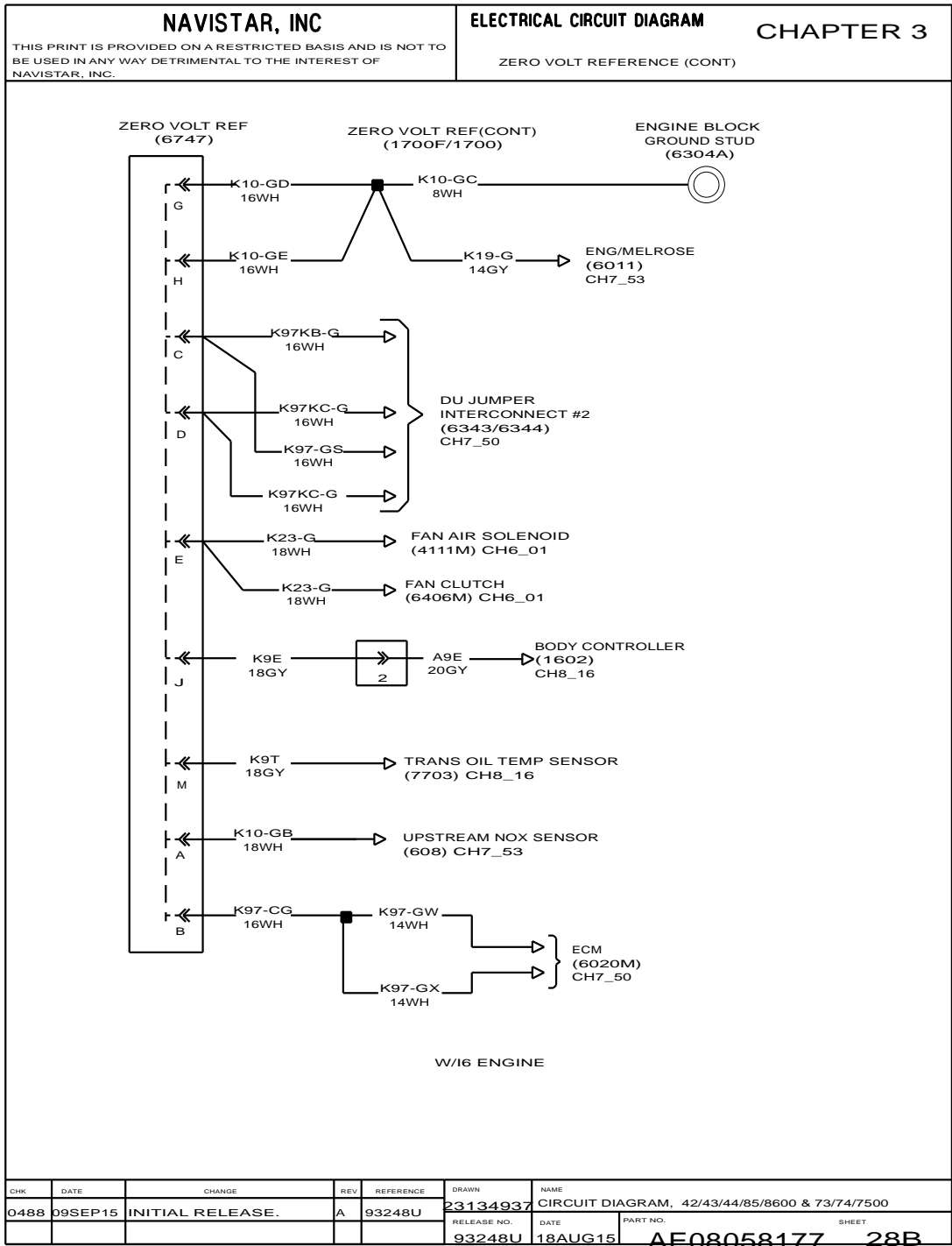


Figure 62 Zero Volt Reference (Cont.)





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

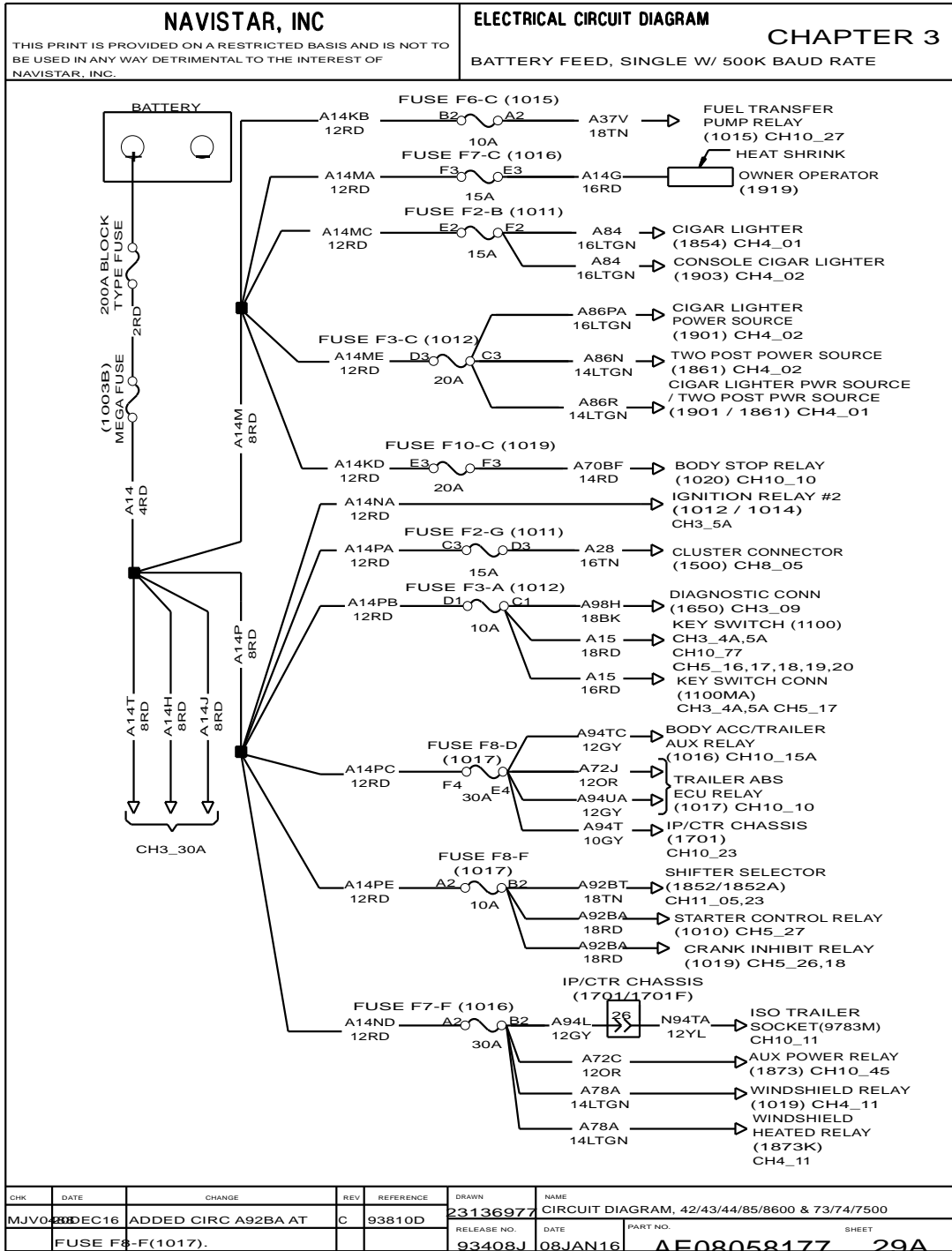


Figure 64 Battery Feed, Single with 500K Baud Rate

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

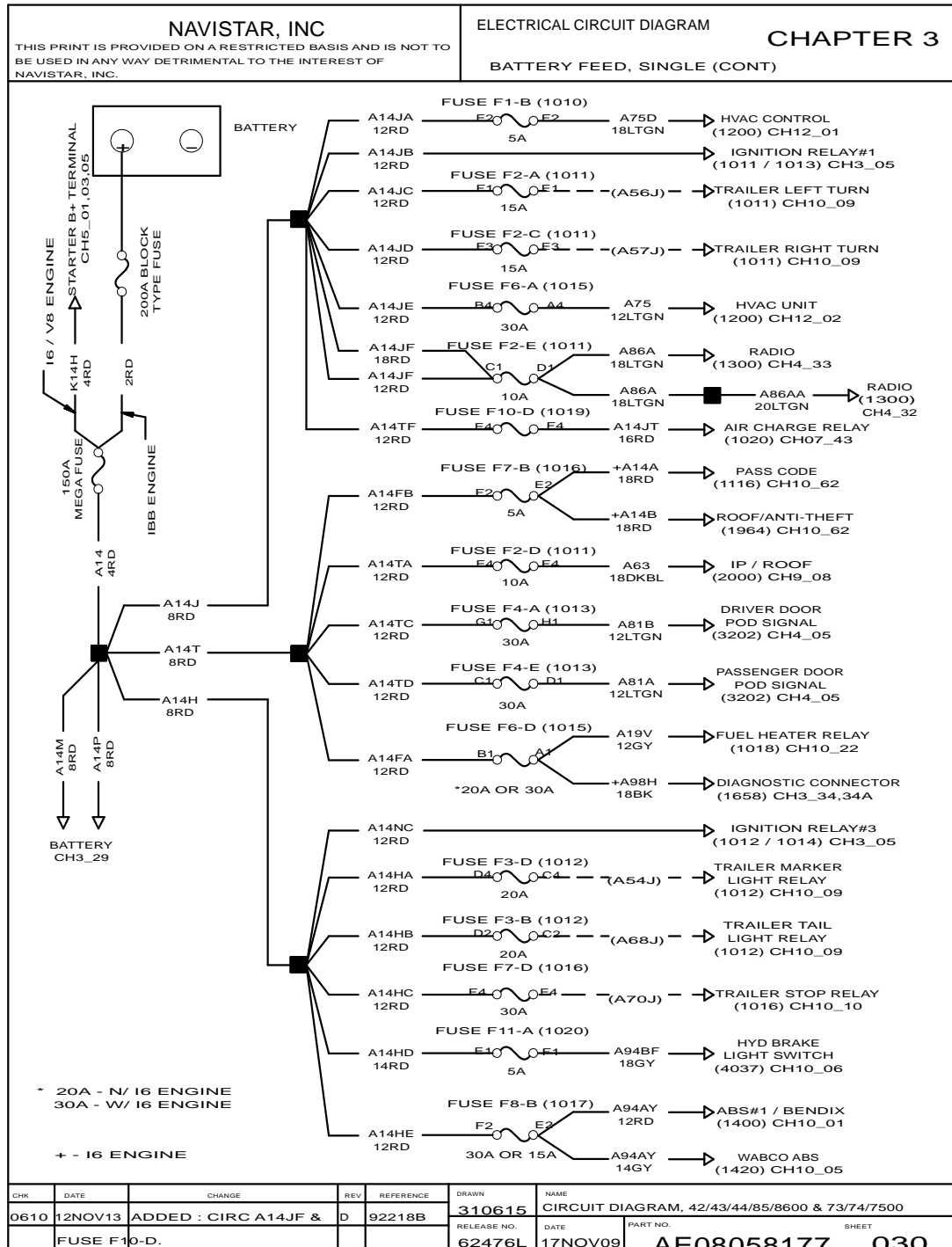


Figure 65 Battery Feed, Single (Cont.)

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

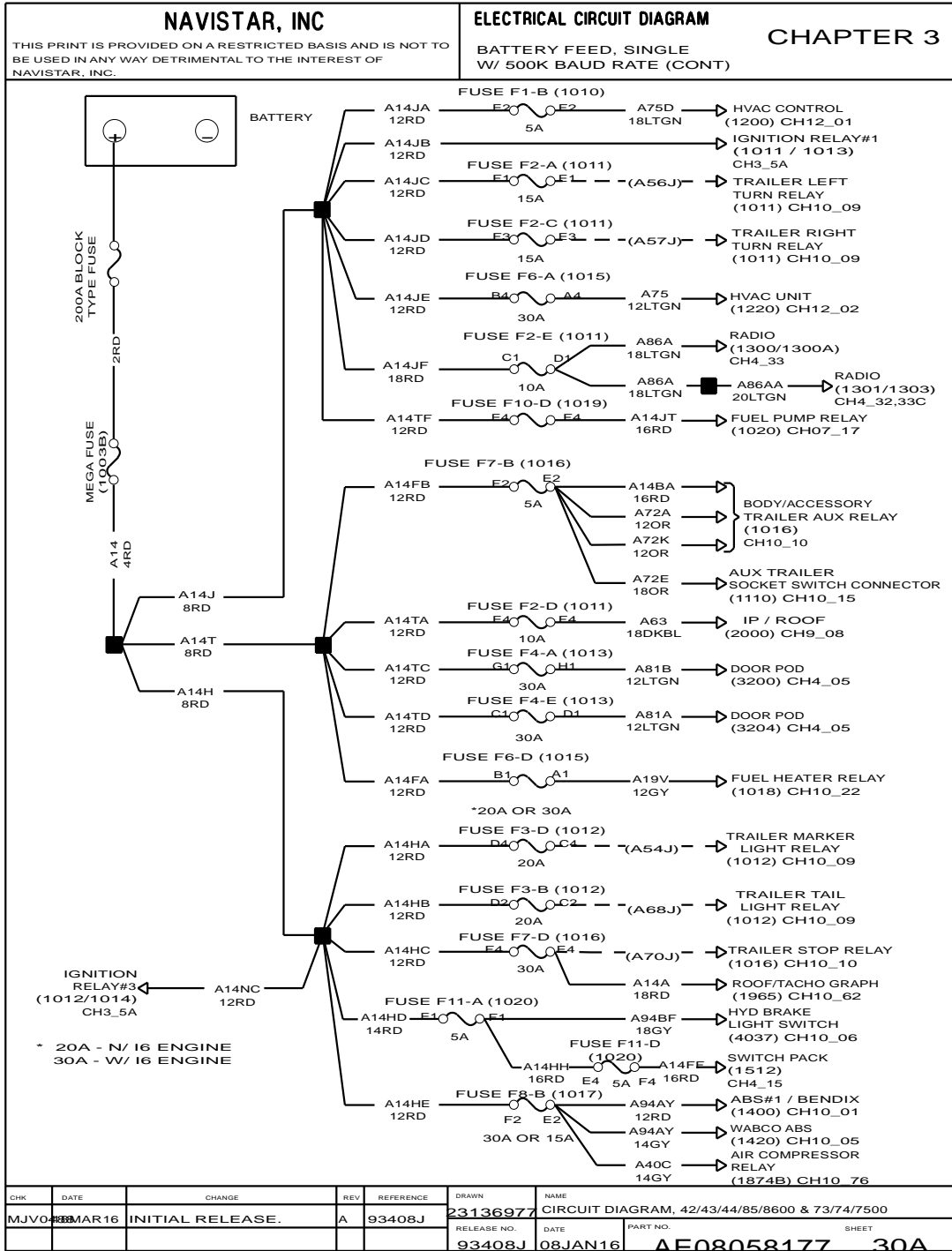


Figure 66 Battery Feed, Single with 500K Baud Rate (Cont.)

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

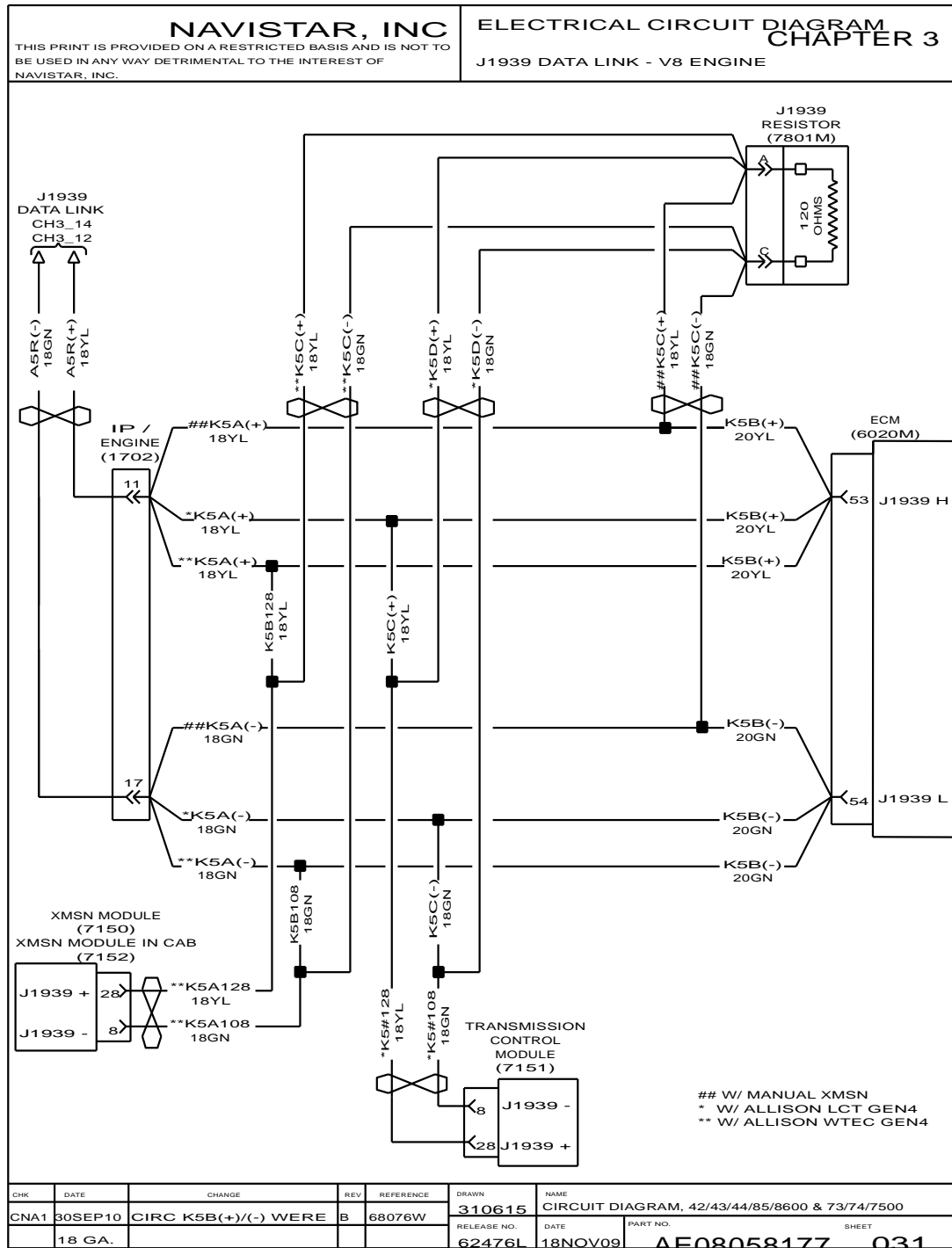


Figure 67 J1939 Data Link – V8 Engine

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

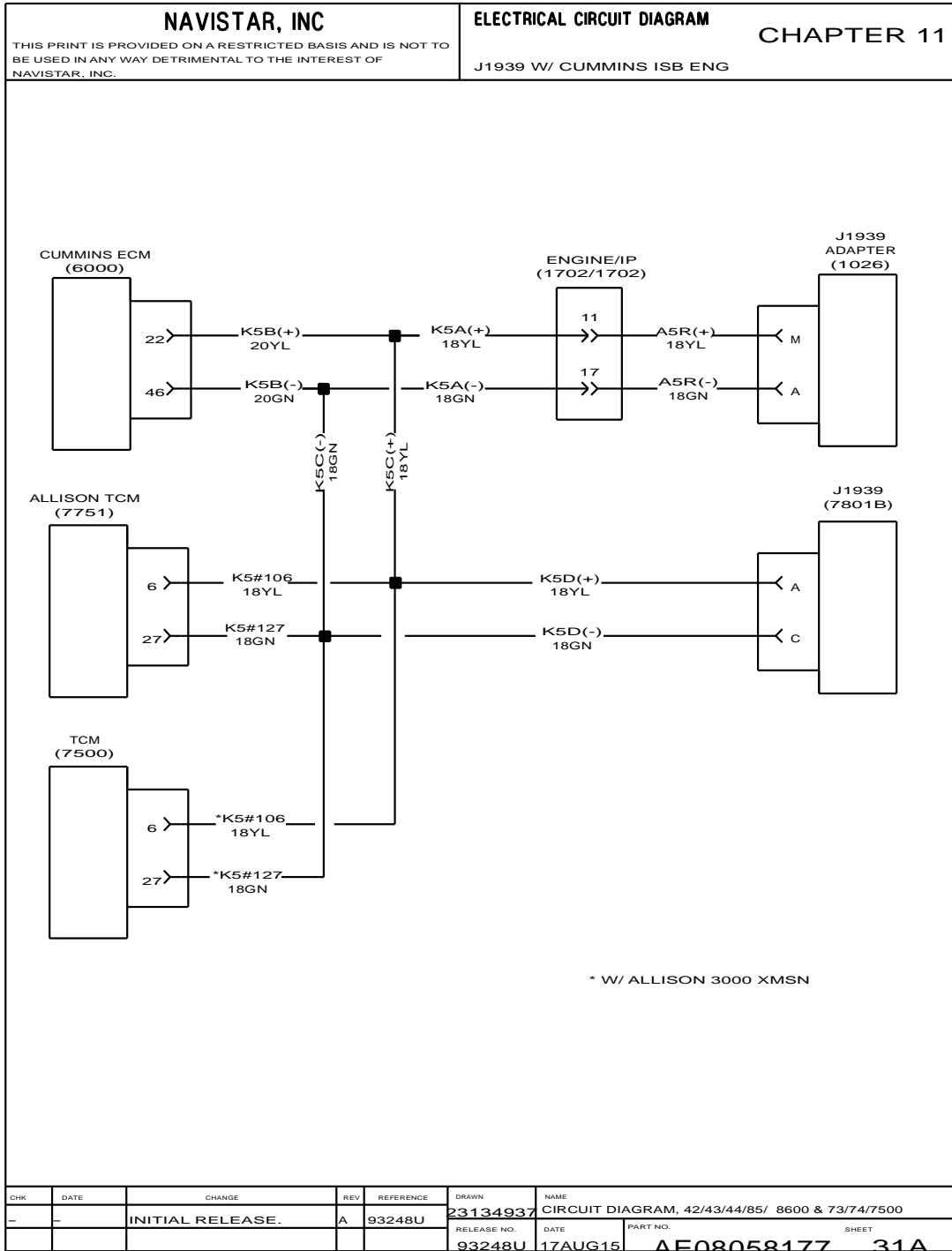


Figure 68 J1939 with Cummins ISB Engine

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

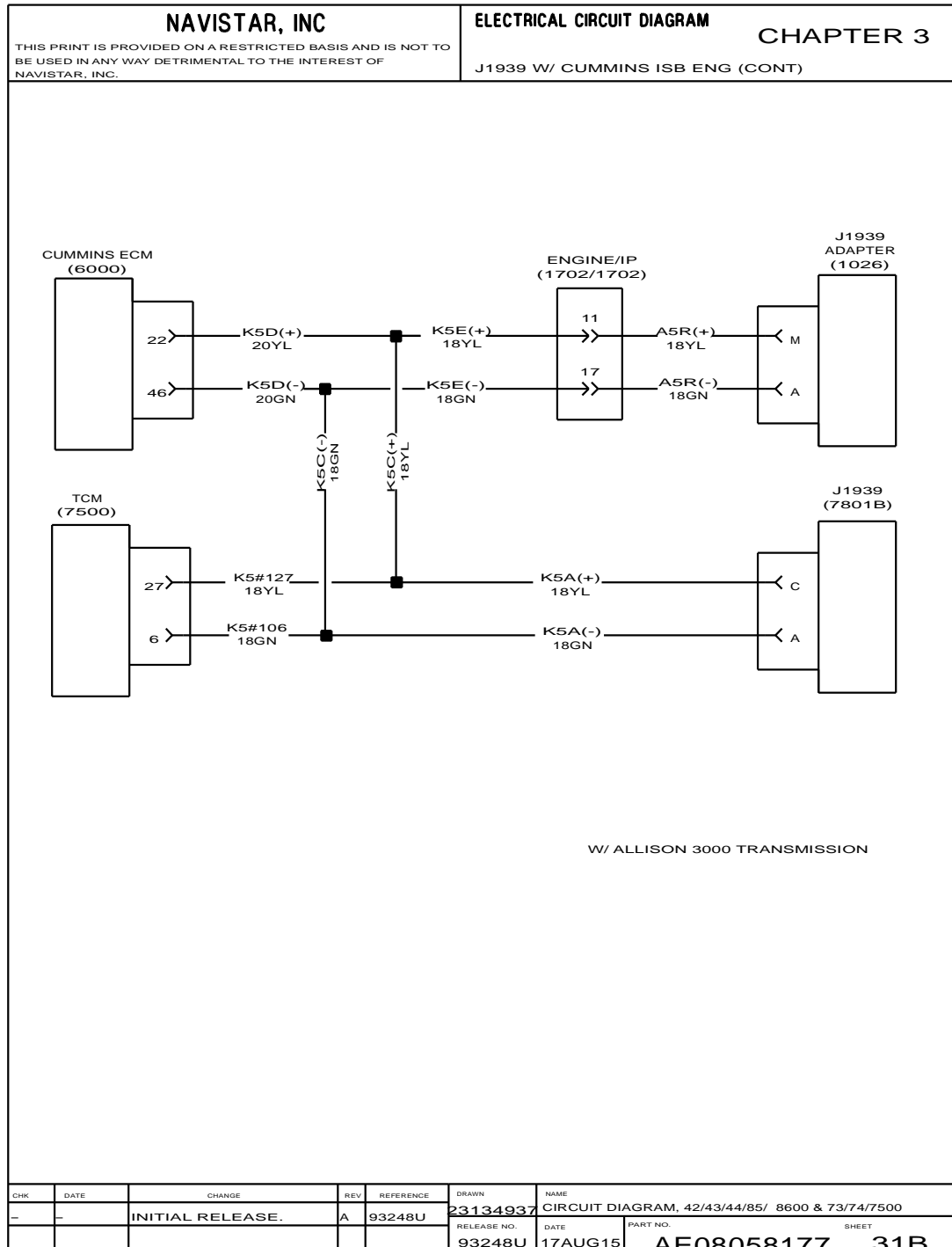


Figure 69 J1939 with Cummins ISB Engine (Cont.)

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

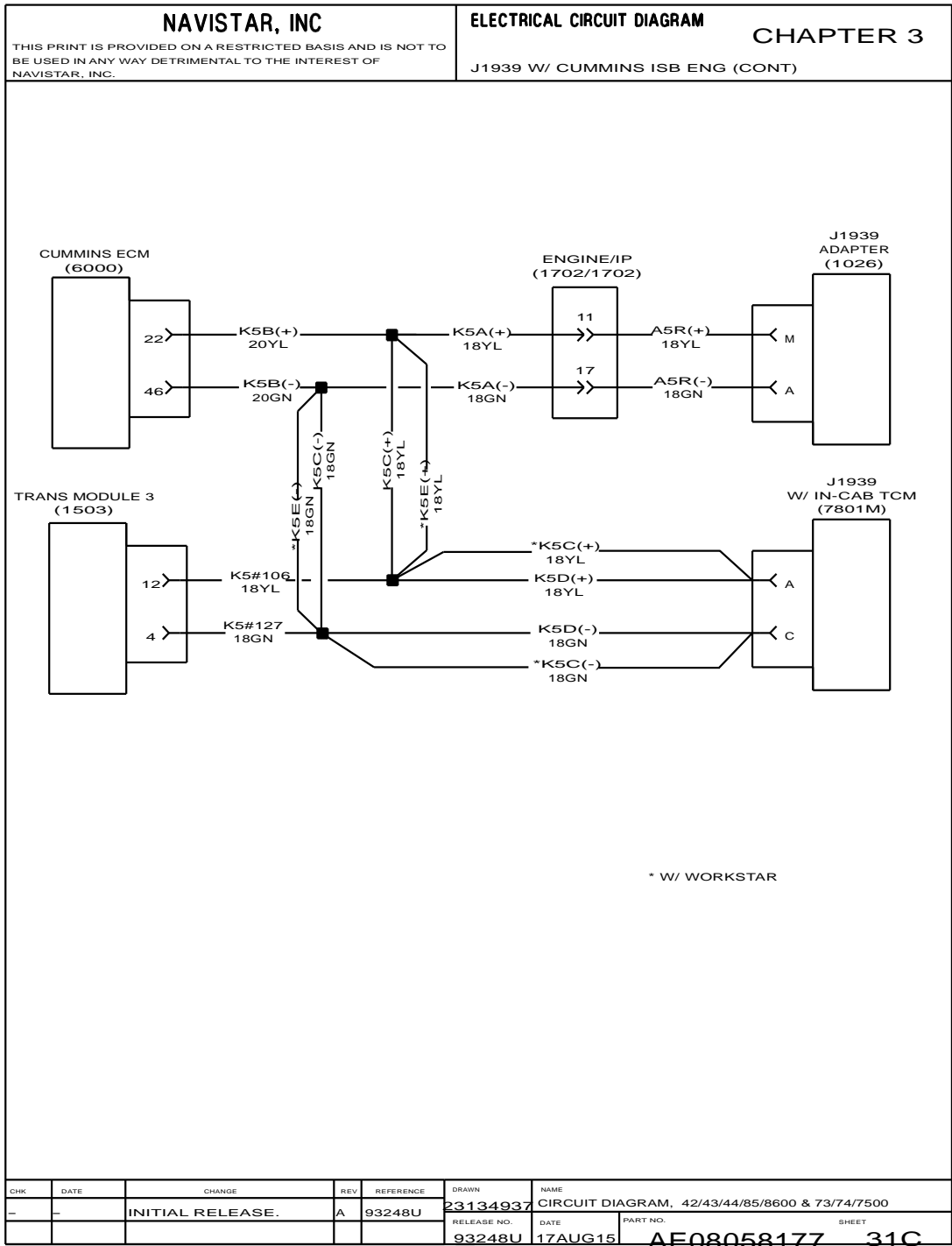


Figure 70 J1939 with Cummins ISB Engine (Cont.)



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

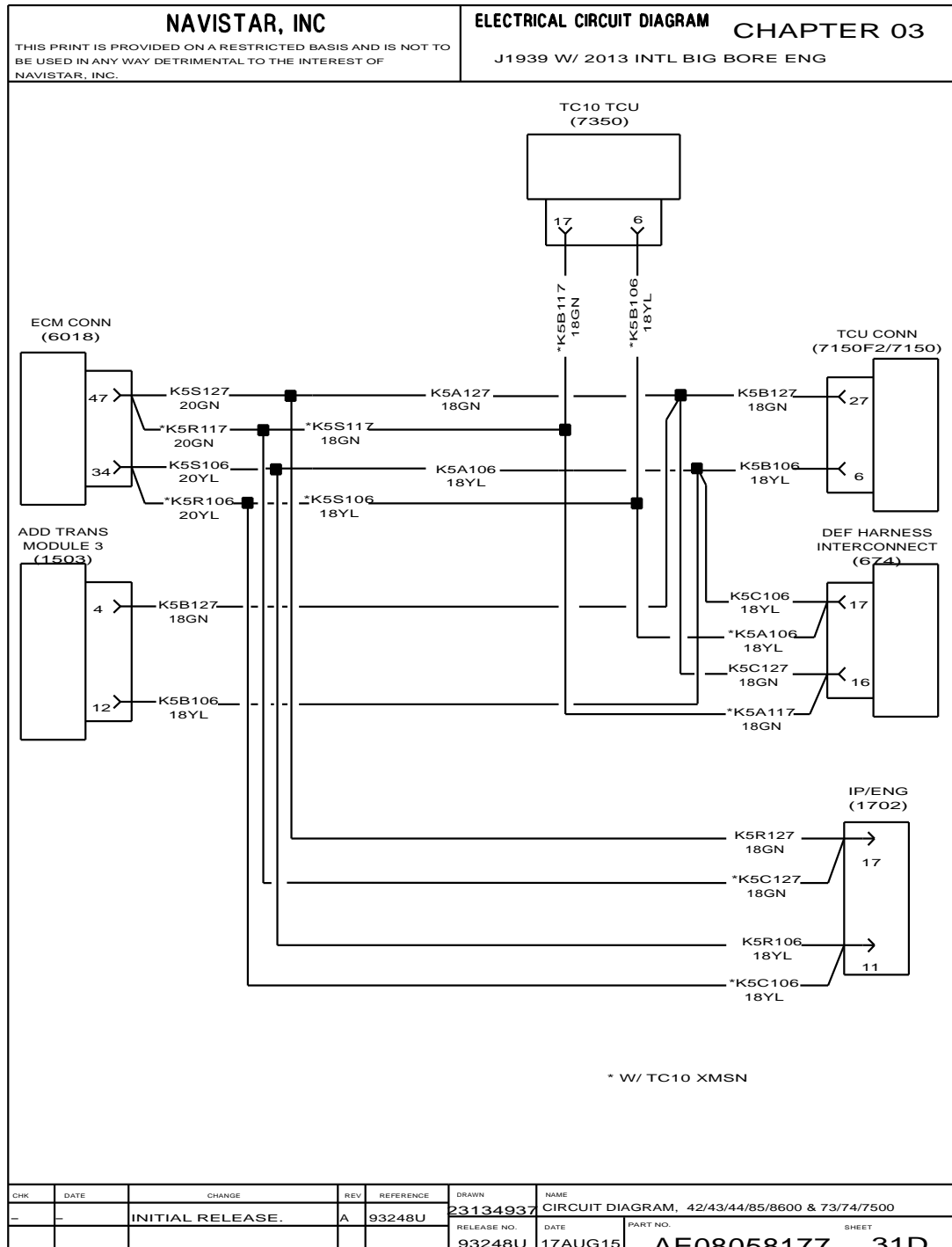


Figure 71 J1939 with 2013 International Big Bore Engine

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

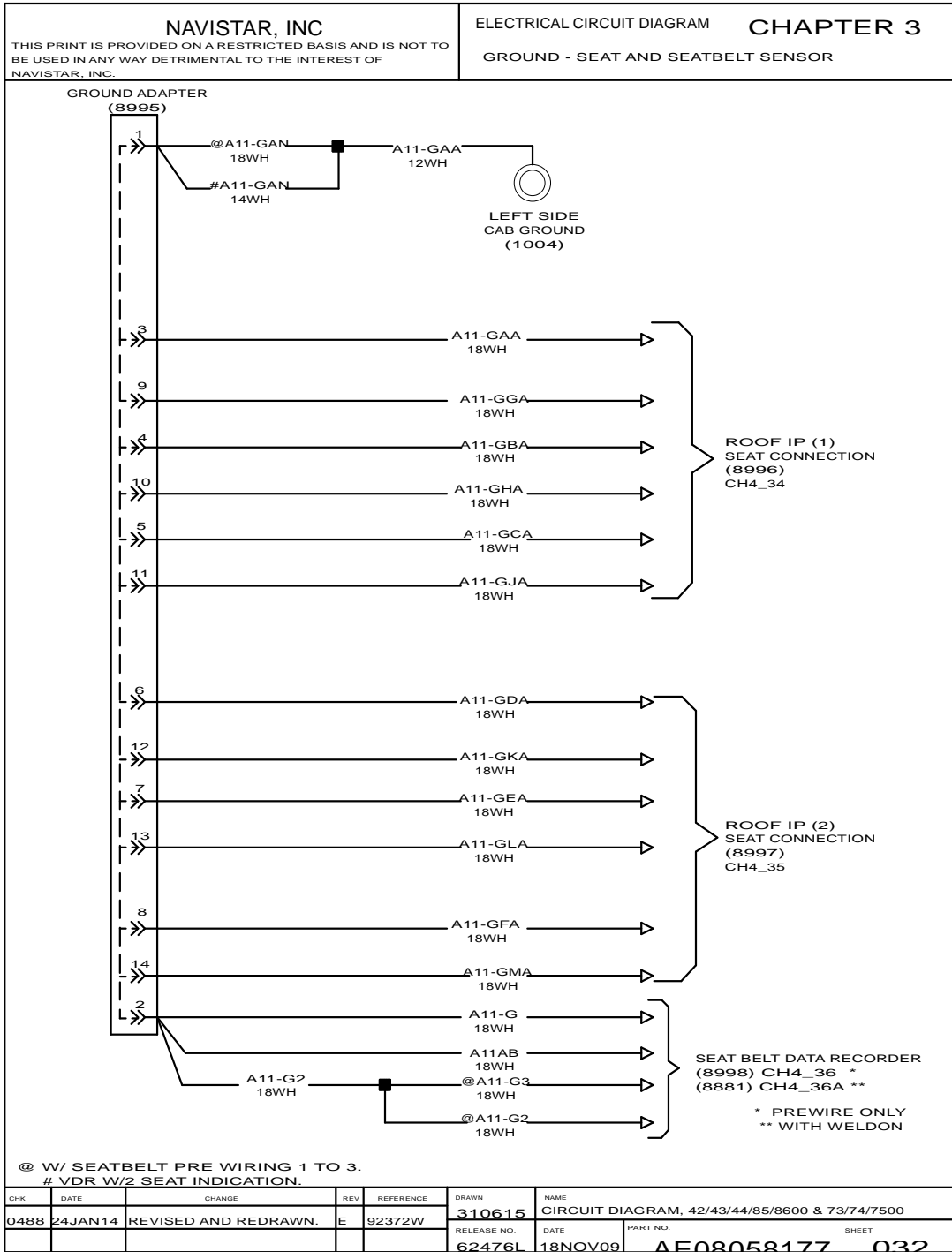


Figure 72 Ground – Seat and Seatbelt Sensor

3.61. LATCHING RELAY, P. 33

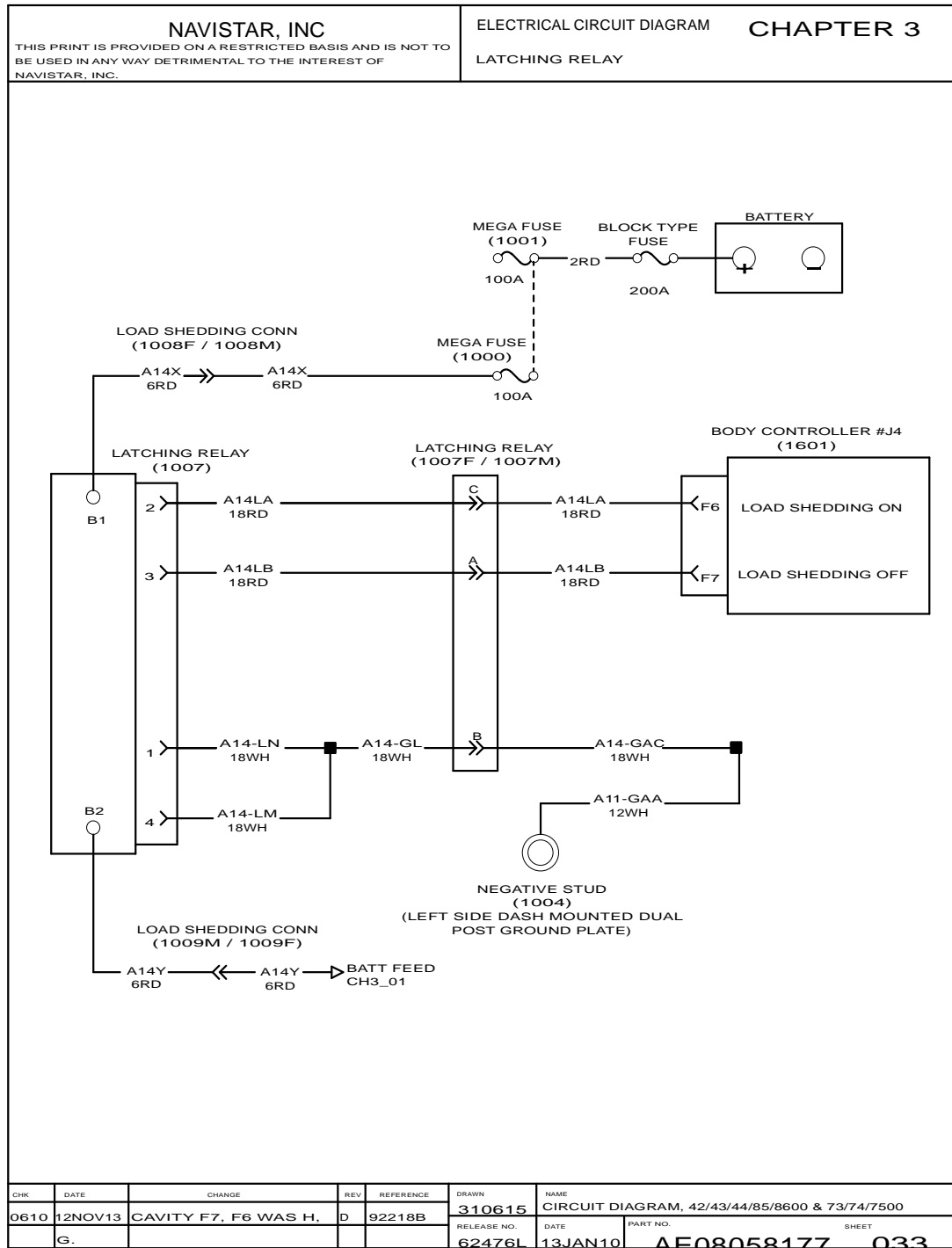


Figure 73 Latching Relay

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

3.62. J1939 DATA LINK I6 ENGINE, P. 34

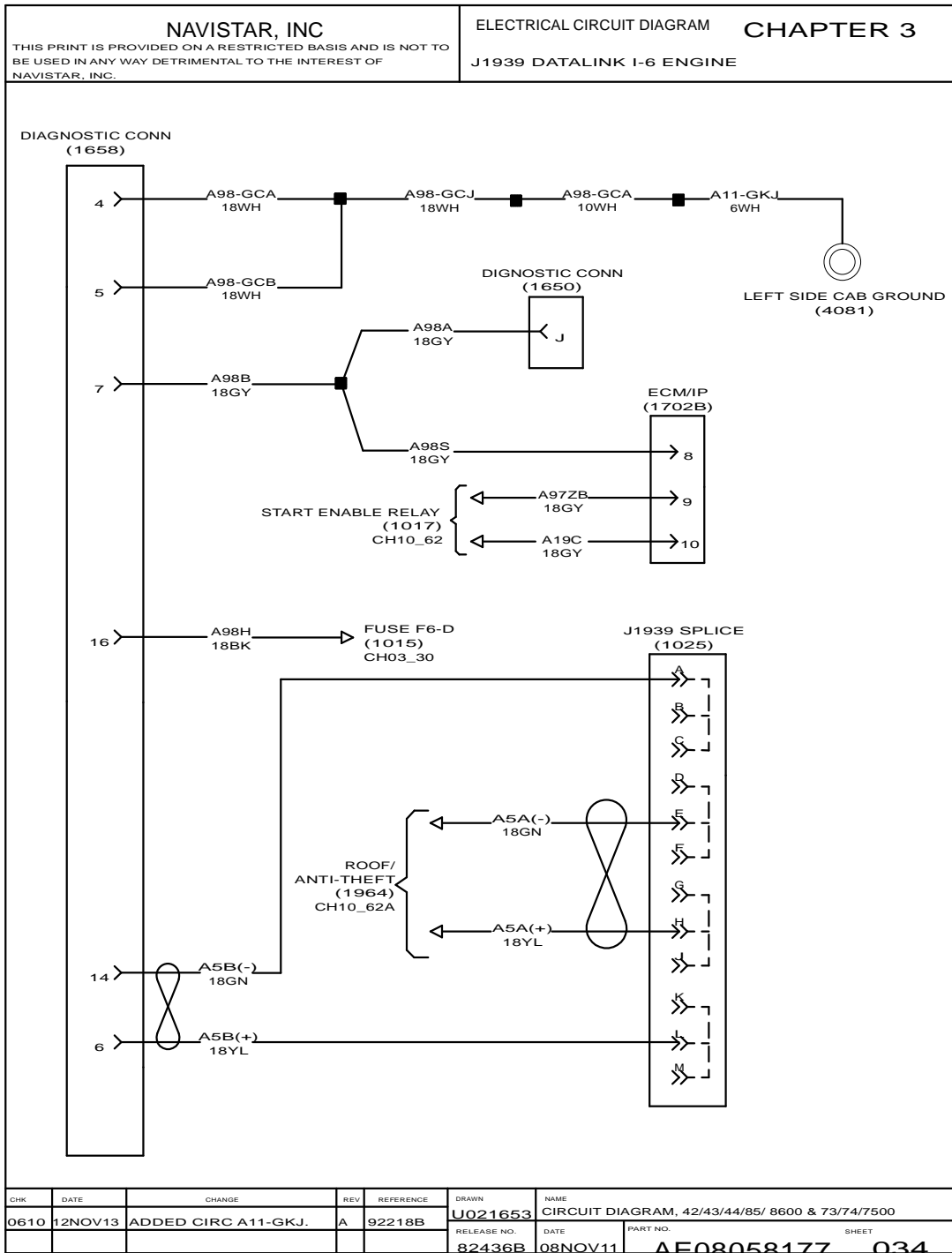


Figure 74 J1939 Data Link I6 Engine

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

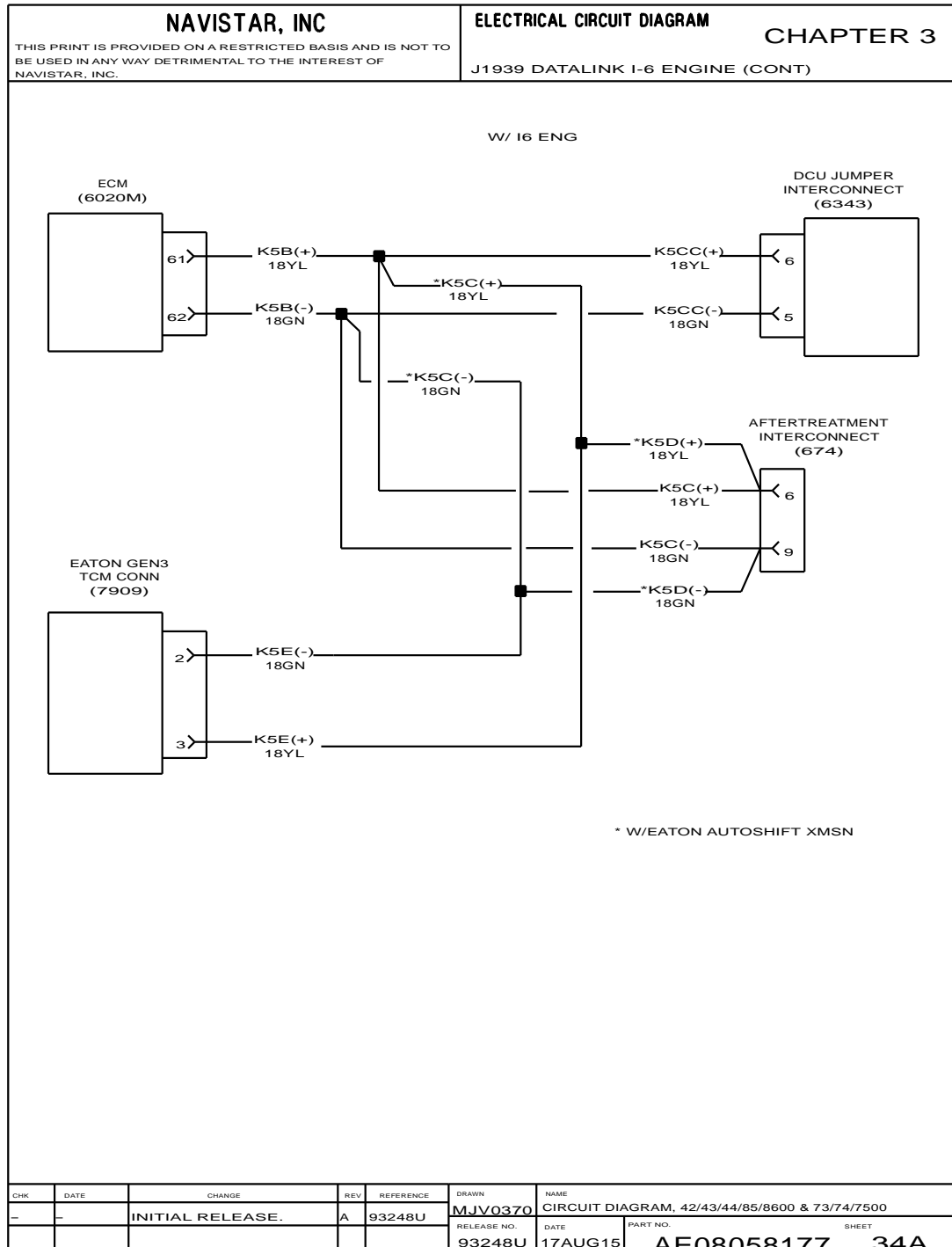


Figure 75 J1939 Data Link I6 Engine (Cont.)

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

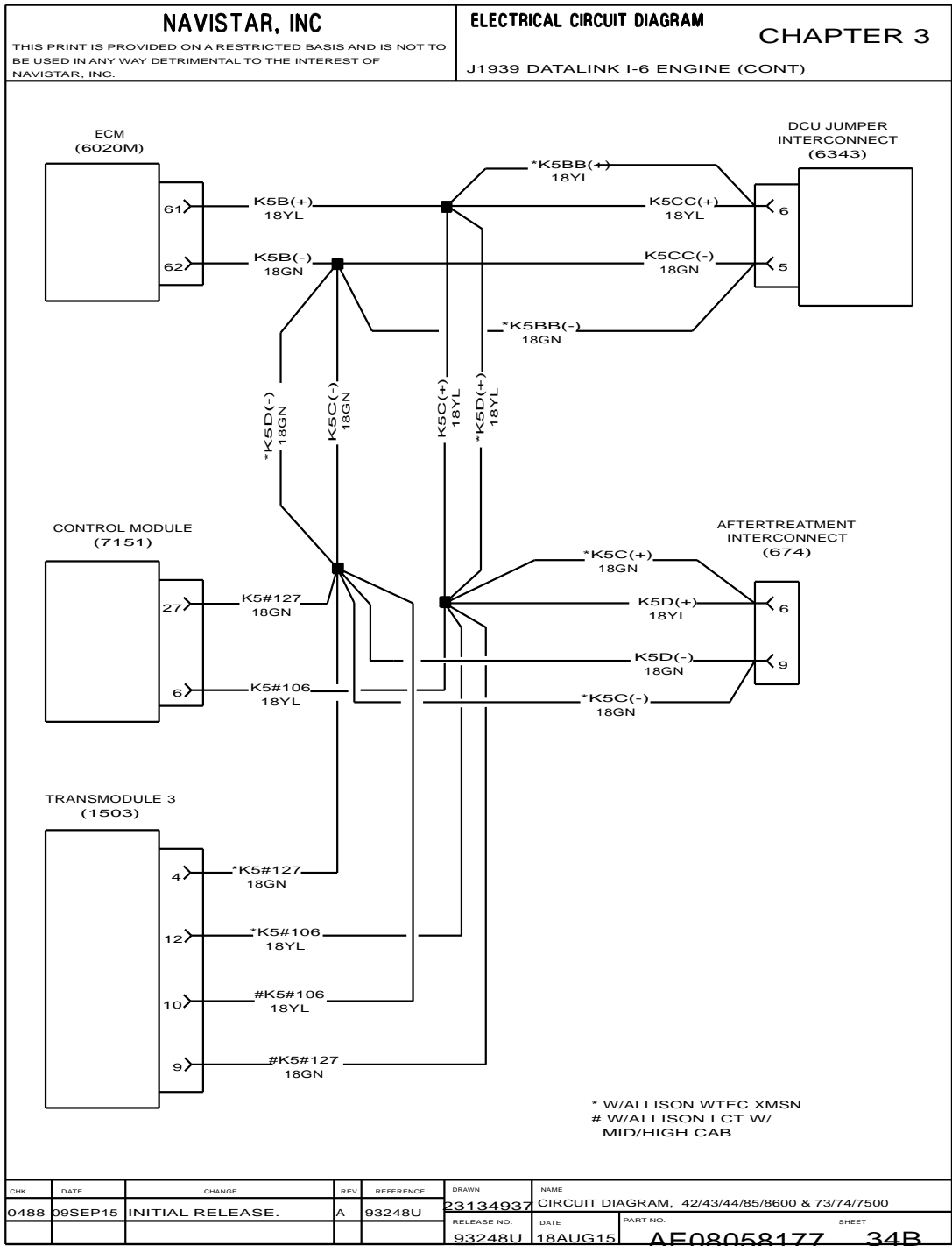


Figure 76 J1939 Data Link I6 Engine (Cont.)

3.65. ENGINE GROUND I6 ENGINE, P. 35

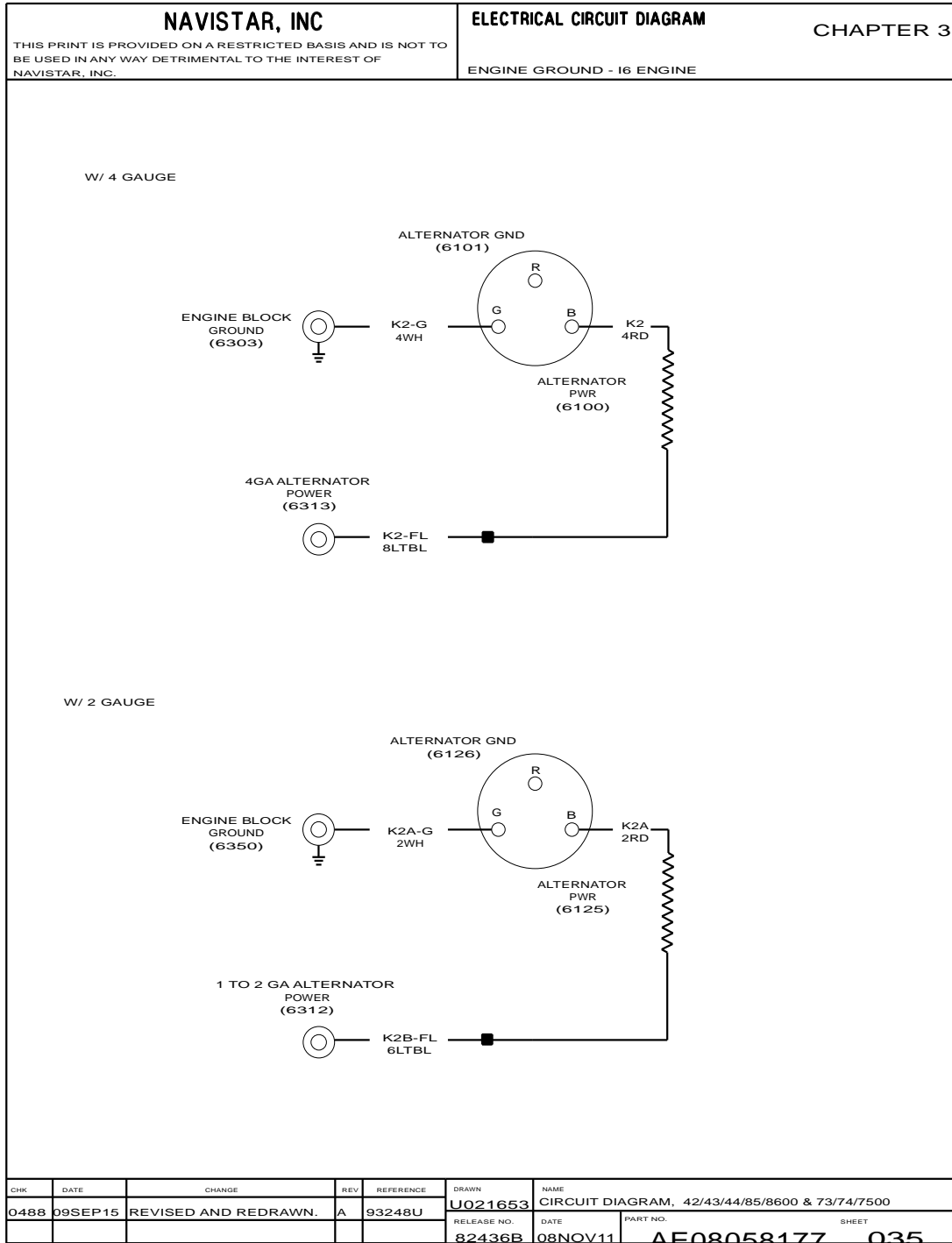


Figure 77 Engine Ground I6 Engine

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

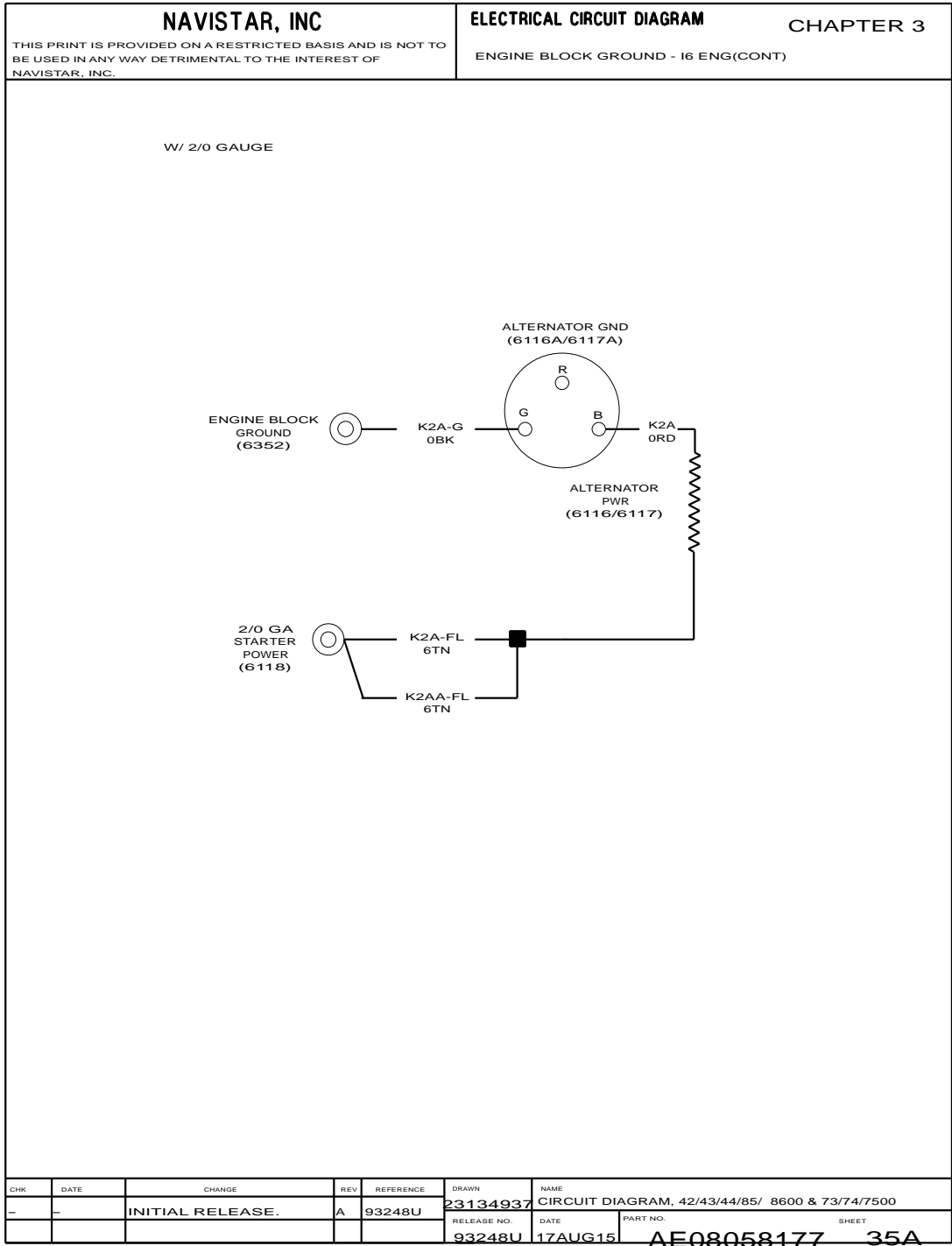


Figure 78 Engine Block Ground I6 Engine



3.67. INTENTIONALLY LEFT BLANK, P. 36

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

Figure 79 Intentionally Left Blank

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

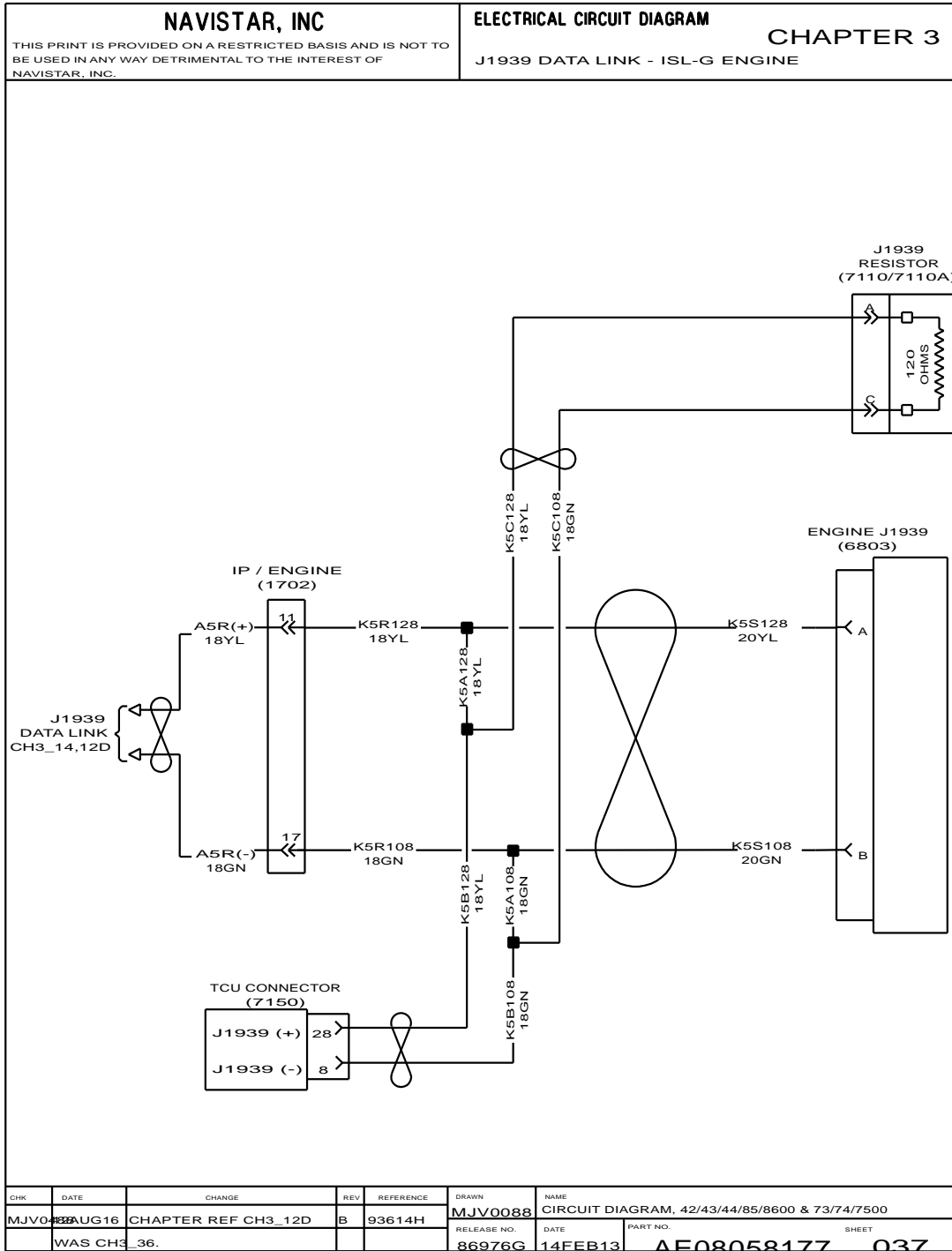


Figure 80 J1939 Data Link – ISL–G Engine

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

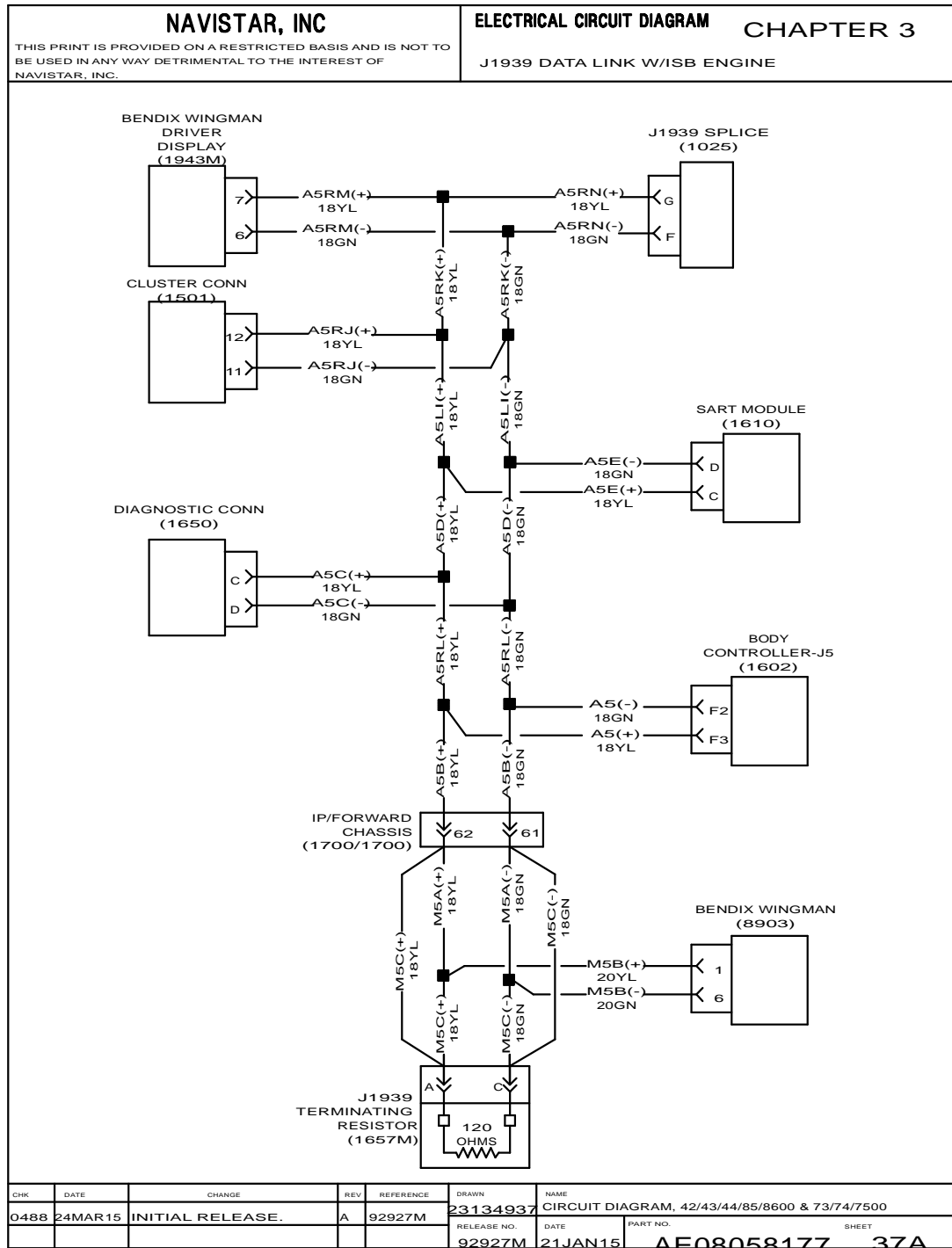


Figure 81 J1939 Data Link with ISB Engine

3.70. TRAILER SOCKET GROUND, P. 38

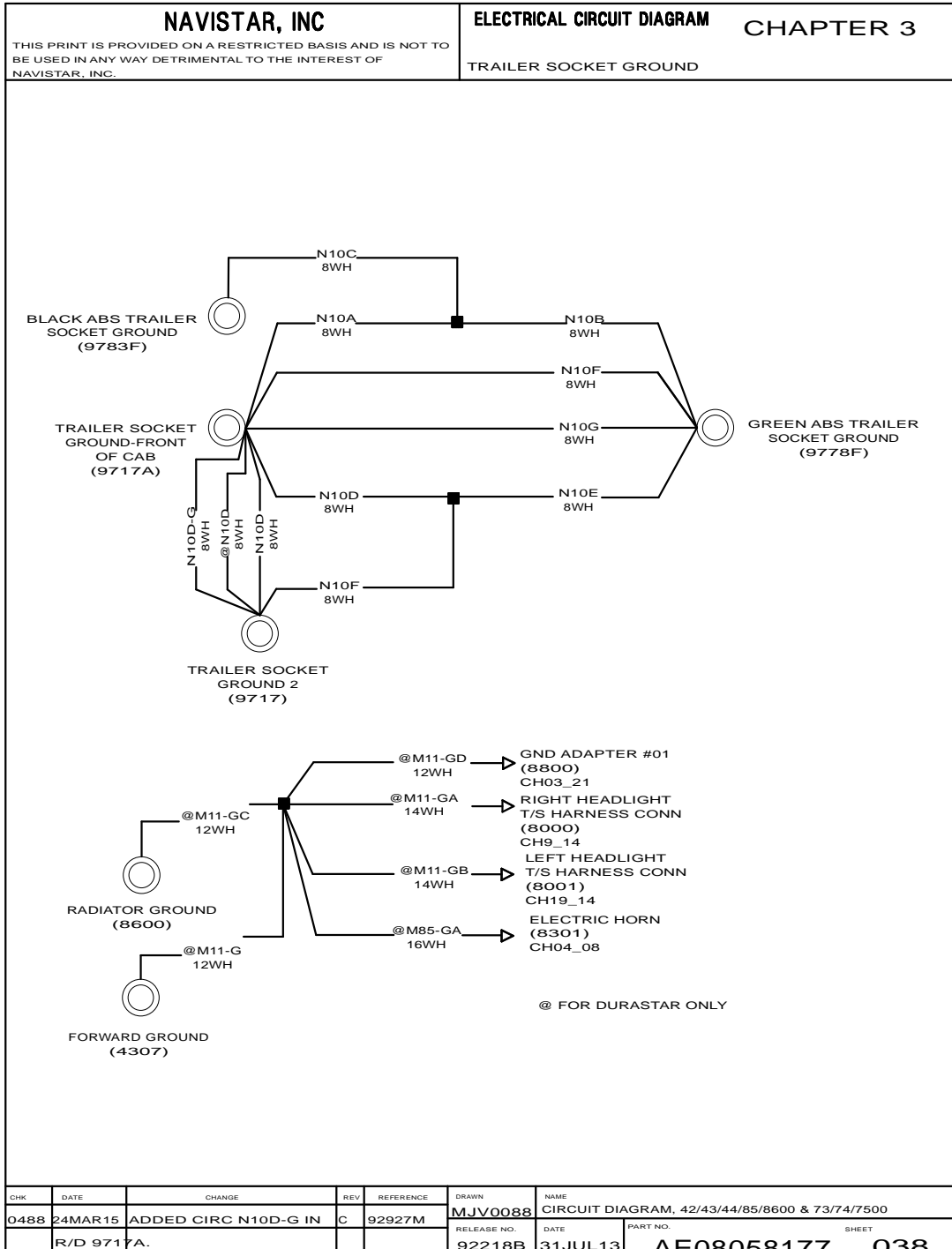


Figure 82 Trailer Socket Ground

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

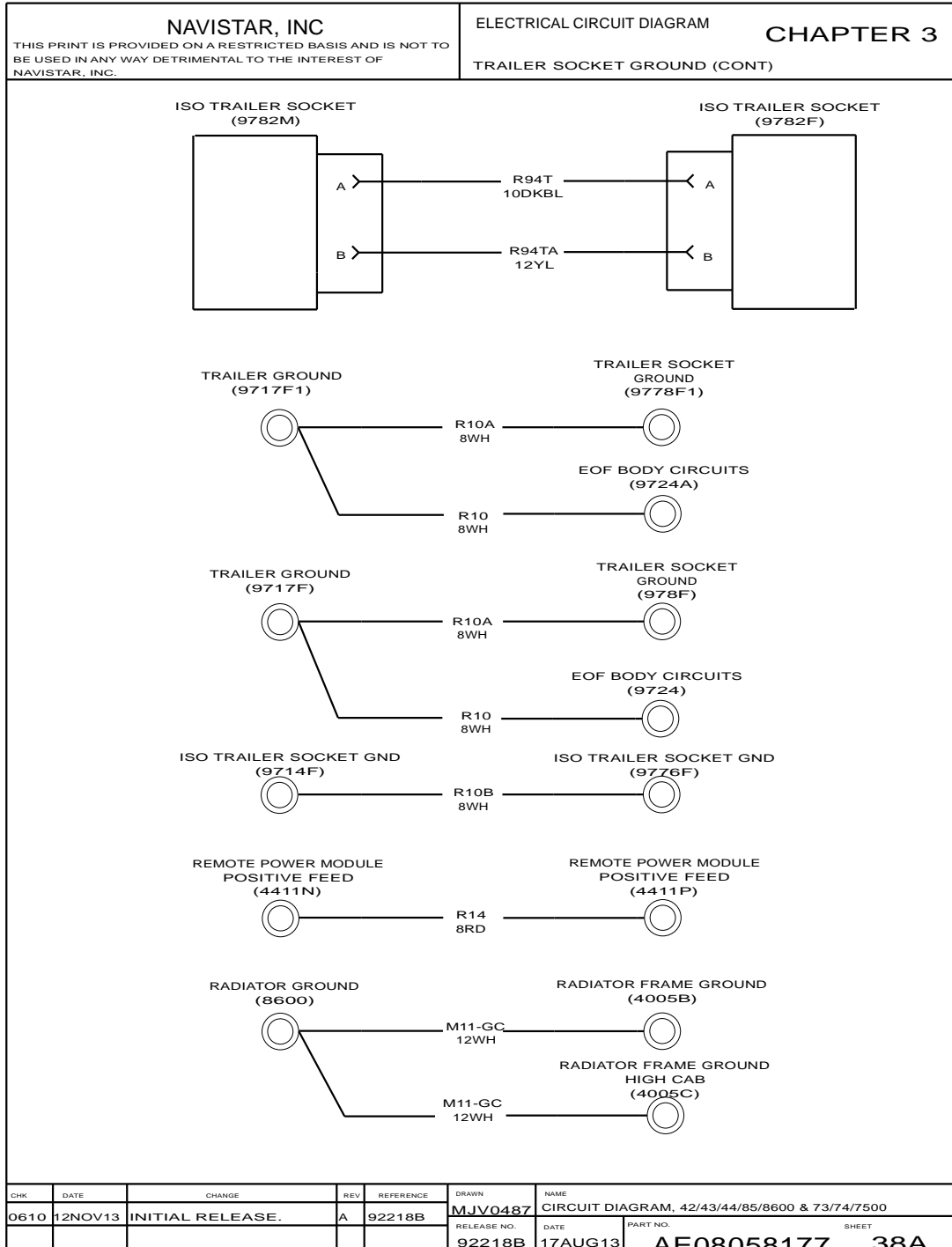


Figure 83 Trailer Socket Ground (Cont.)

3.72. SART CLOCK MODULE, P. 39

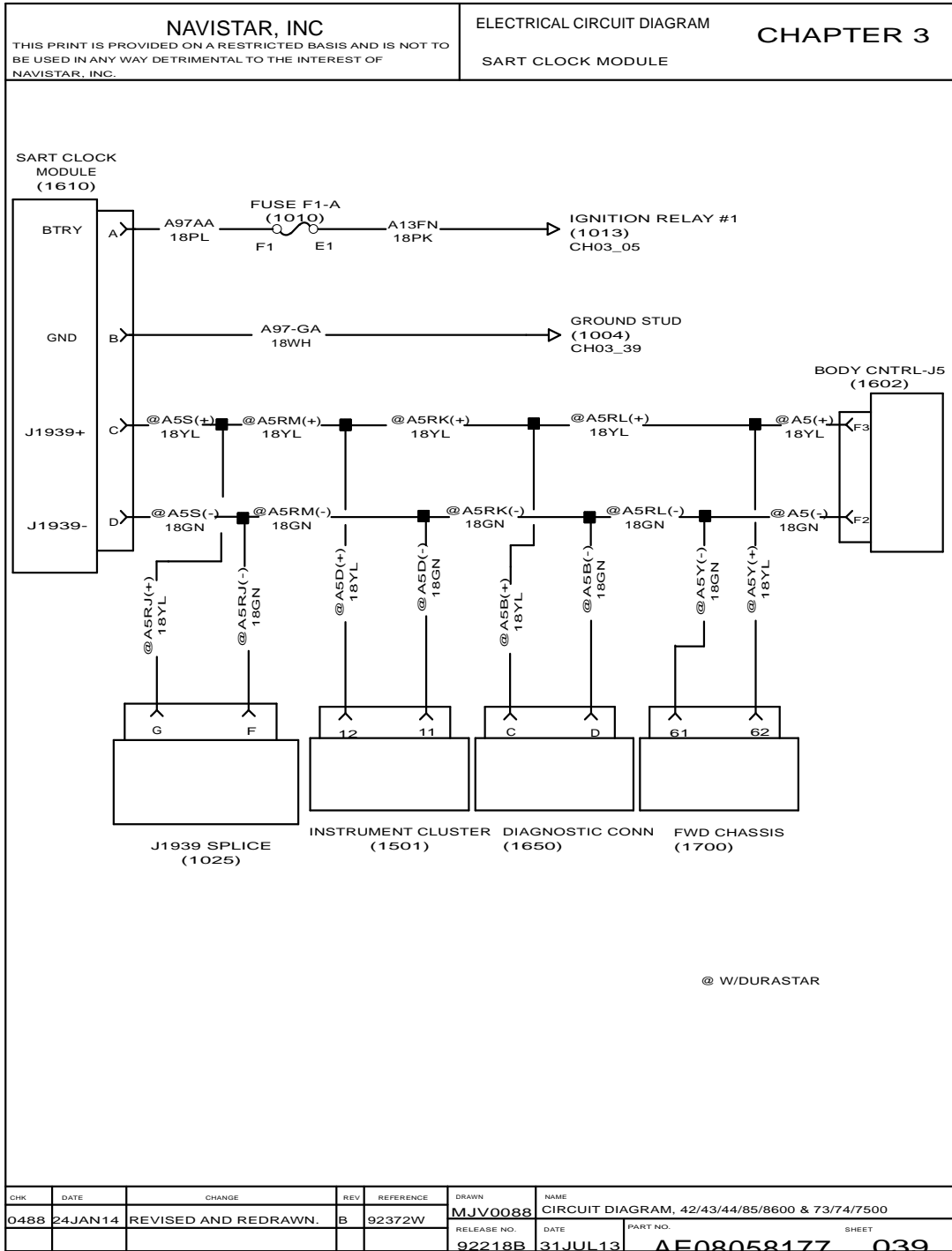


Figure 84 SART Clock Module

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

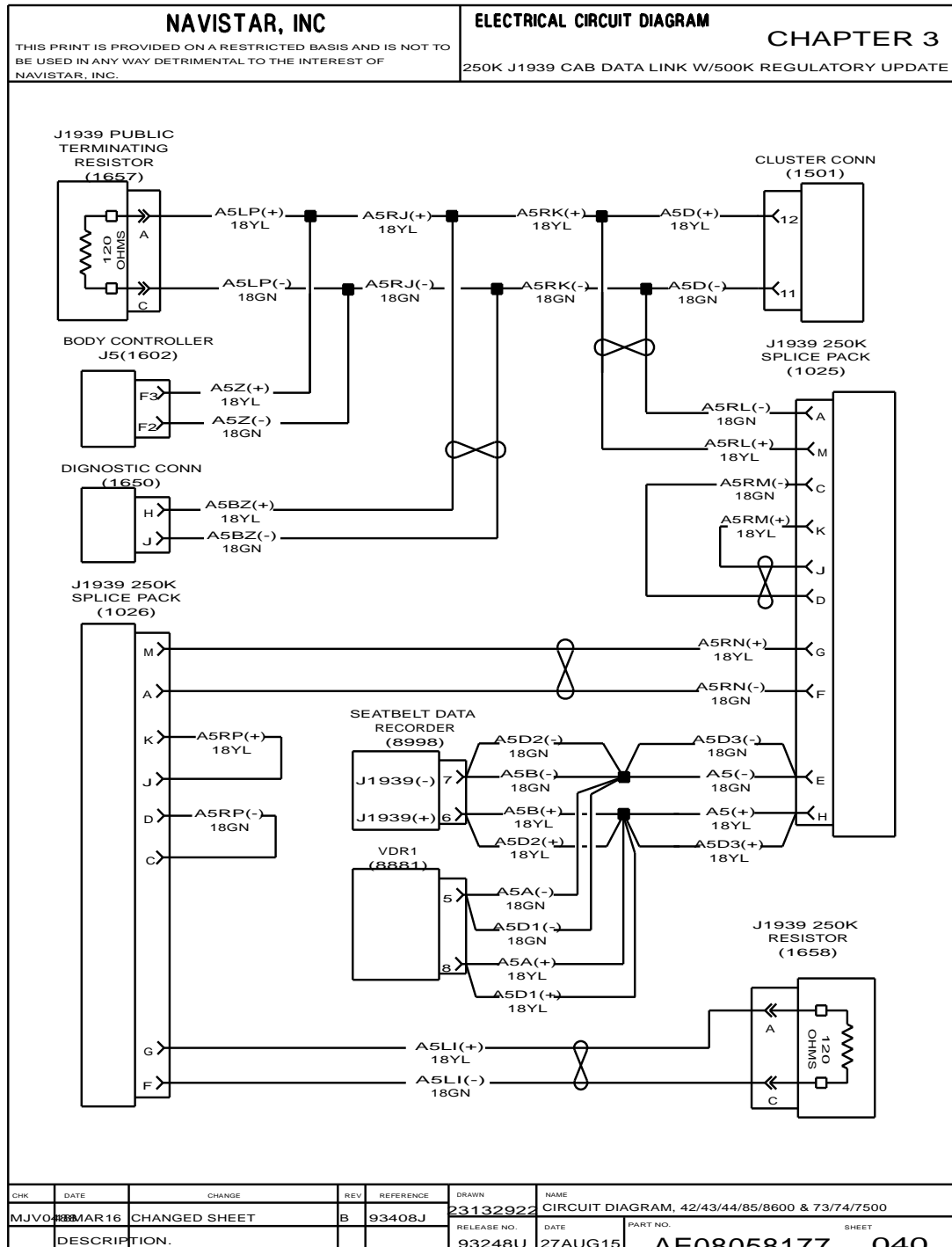


Figure 85 250K J1939 Cab Data Link with 500K Regulatory Update

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

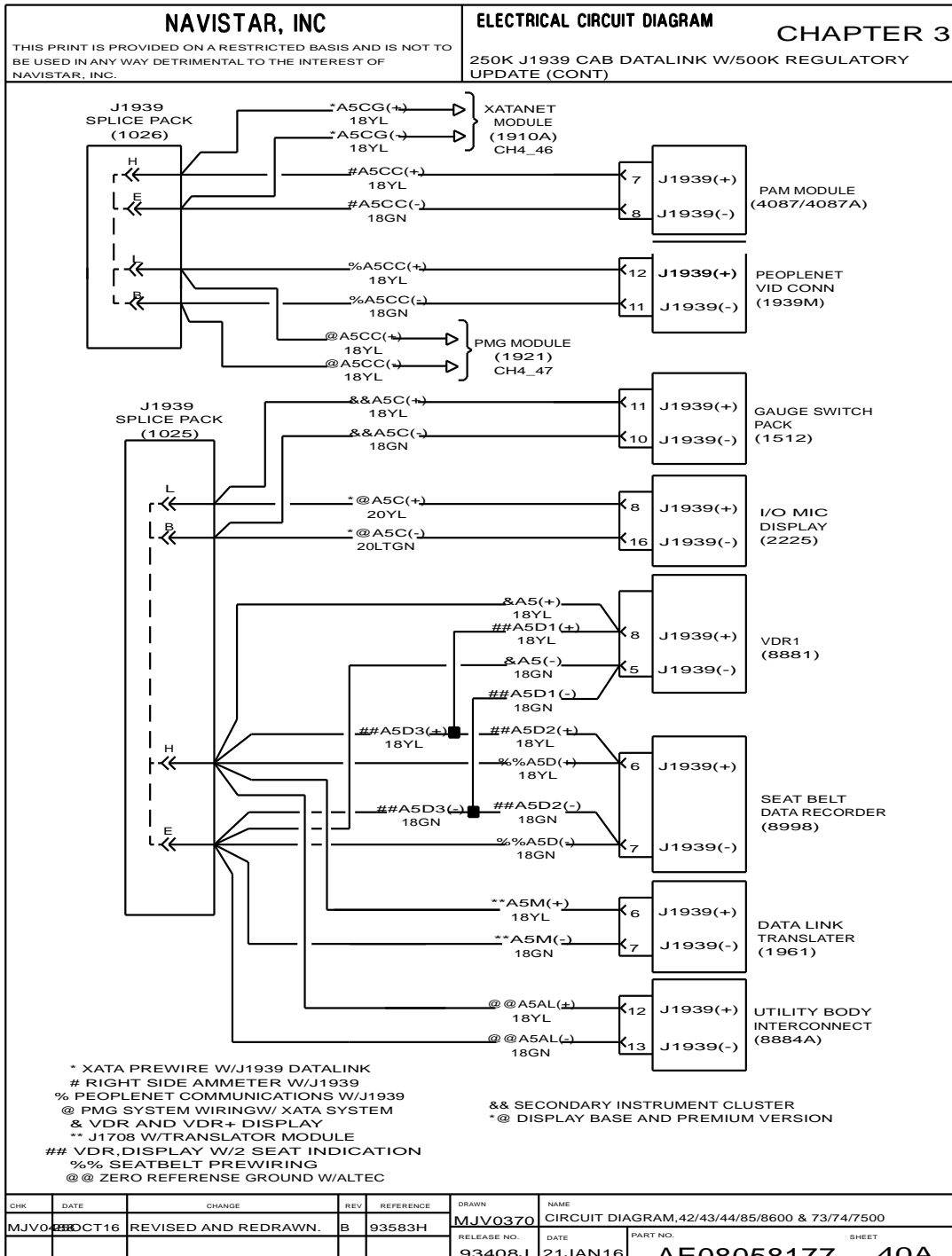


Figure 86 250K J1939 Cab Data Link with 500K Regulatory Update (Cont.)



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

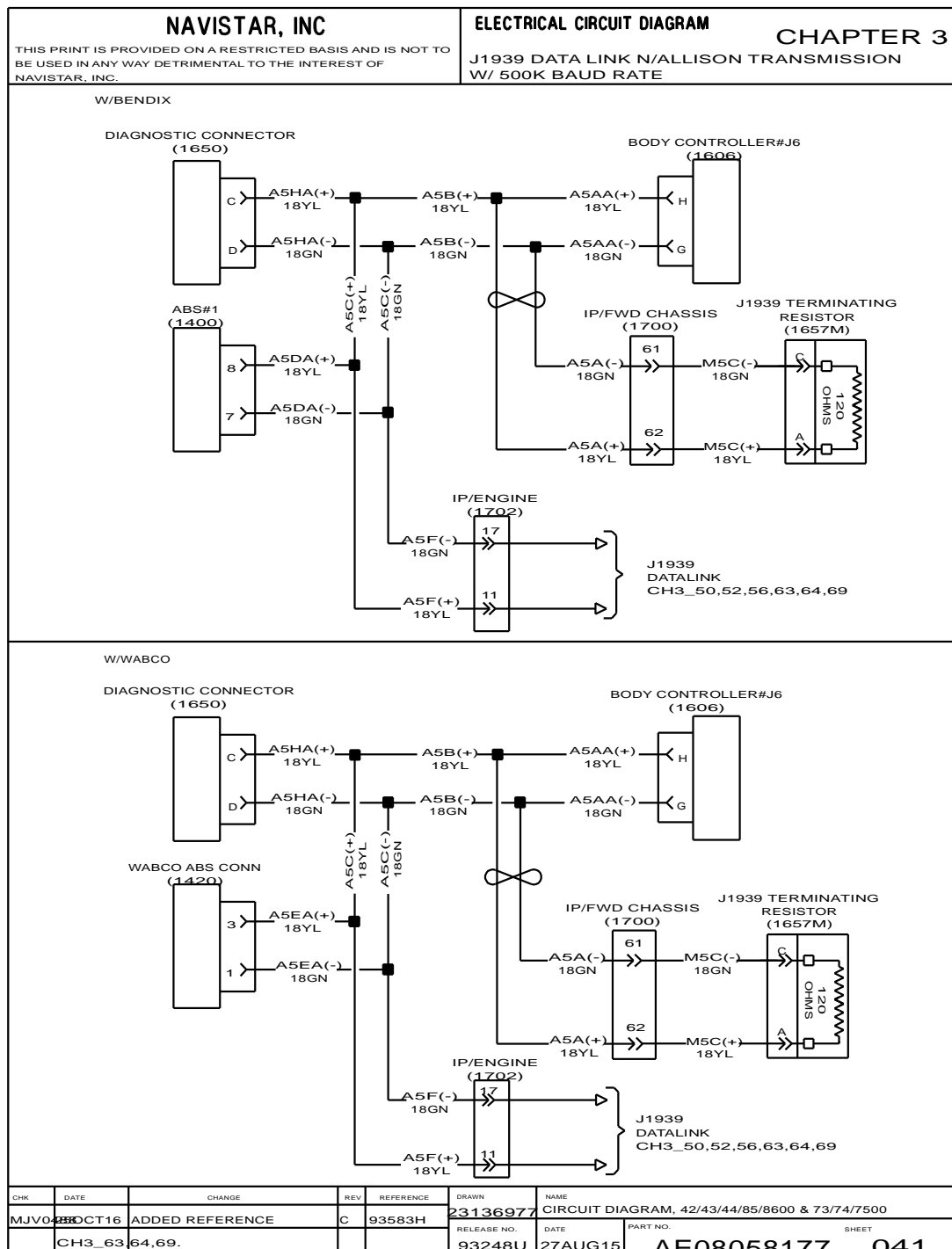


Figure 87 J1939 Data Link without Allison Transmission with 500K Baud Rate

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

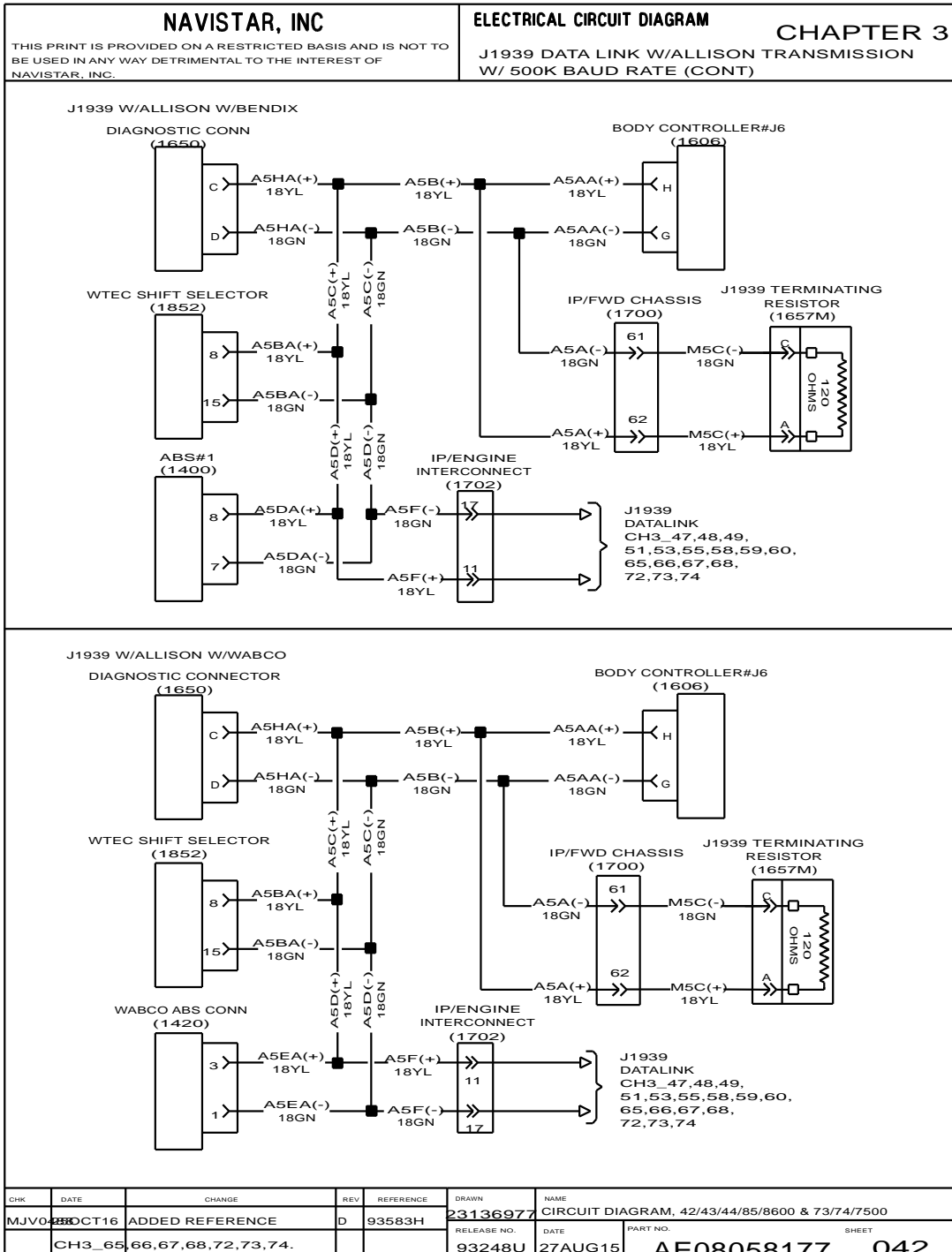


Figure 88 J1939 Data Link with Allison Transmission with 500K Baud Rate (Cont.)

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

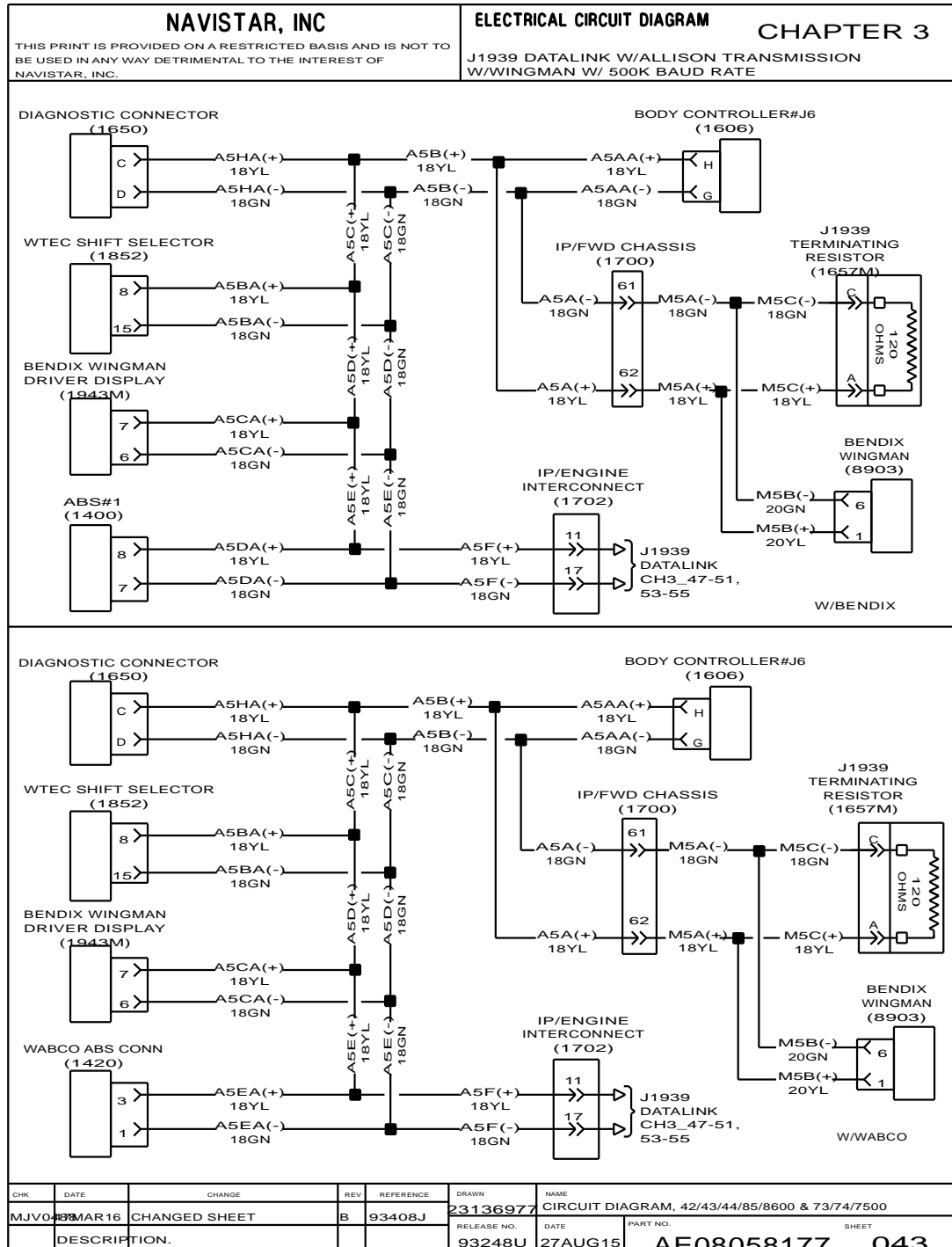


Figure 89 J1939 Data Link with Allison Transmission with Wingman with 500K Baud Rate

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

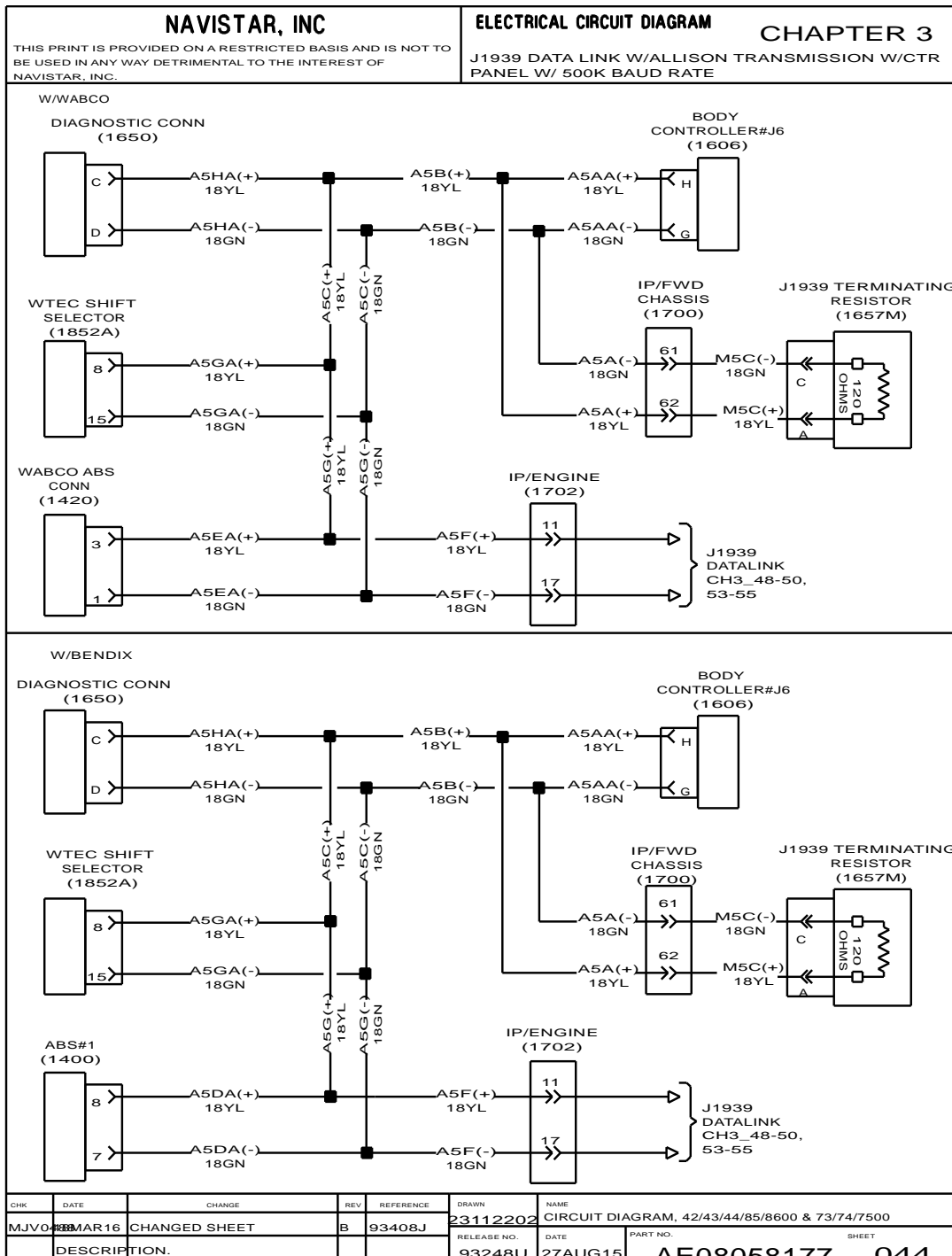


Figure 90 J1939 Data Link with Allison Transmission with Center Panel with 500K Baud Rate

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

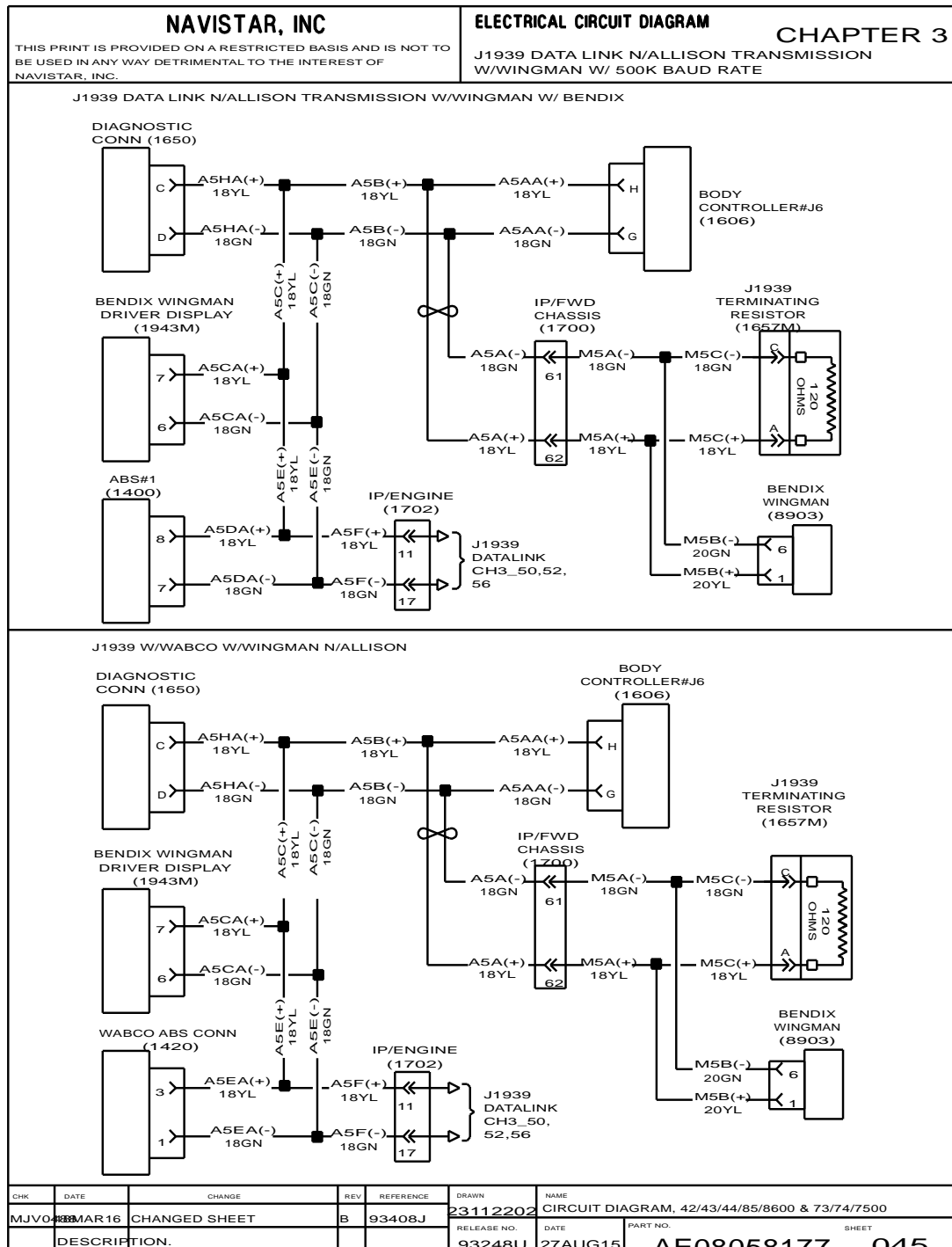


Figure 91 J1939 Data Link without Allison Transmission with Wingman with 500K Baud Rate

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

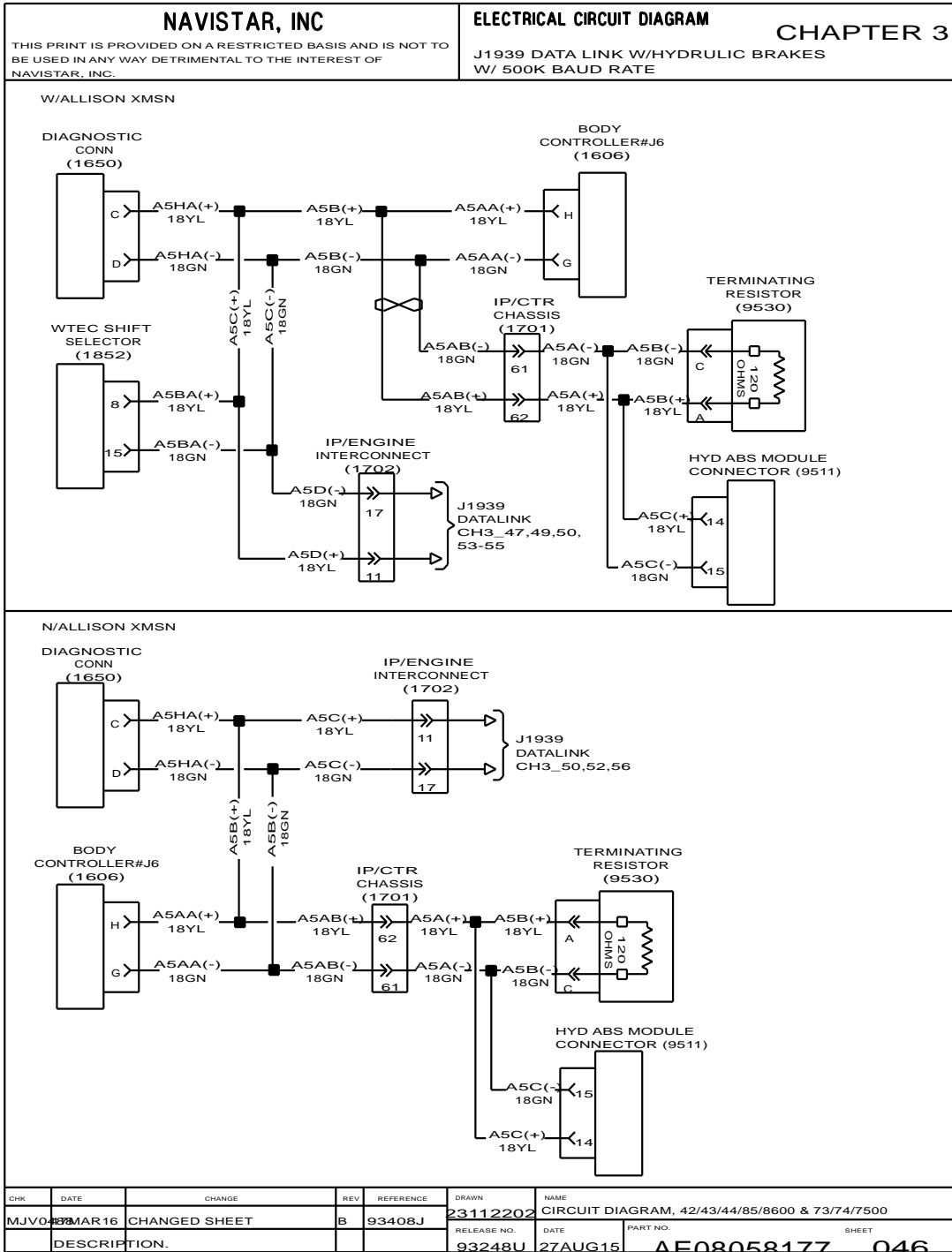


Figure 92 J1939 Data Link with Hydraulic Brakes with 500K Baud Rate

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

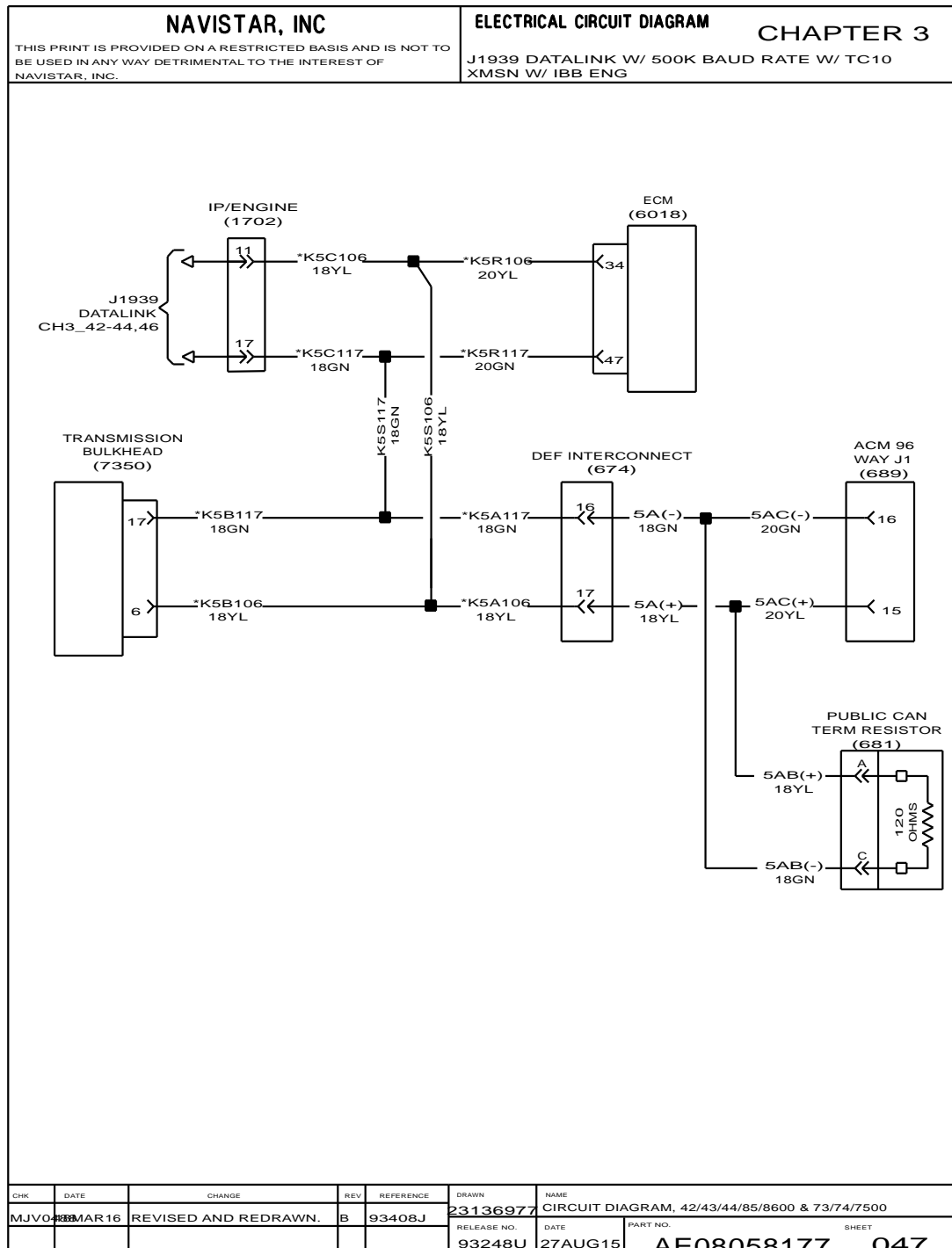


Figure 93 J1939 Data Link with 500K Baud Rate with TC10 Transmission with IBB Engine

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

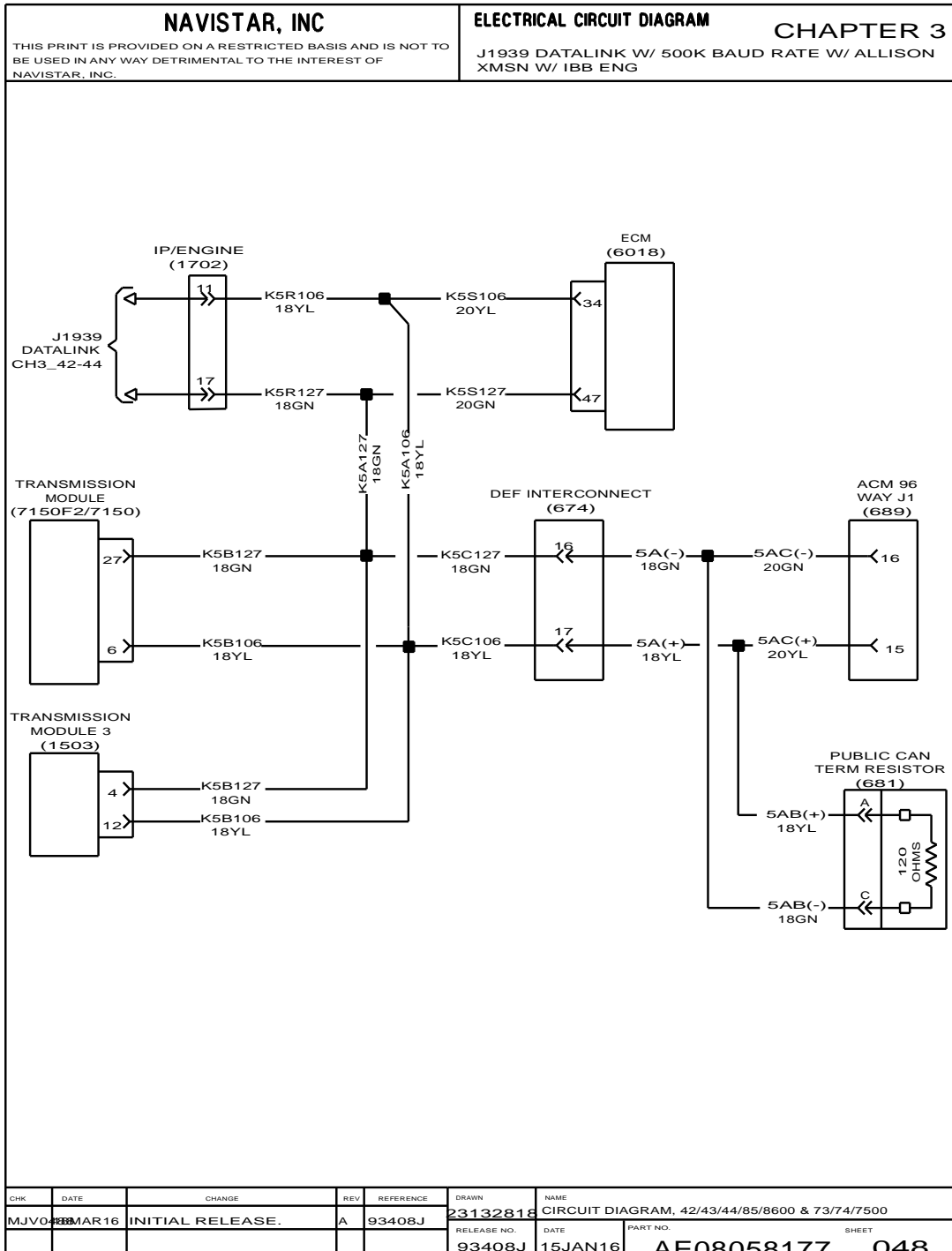


Figure 94 J1939 Data Link with 500K Baud Rate with Allison Transmission with IBB Engine



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

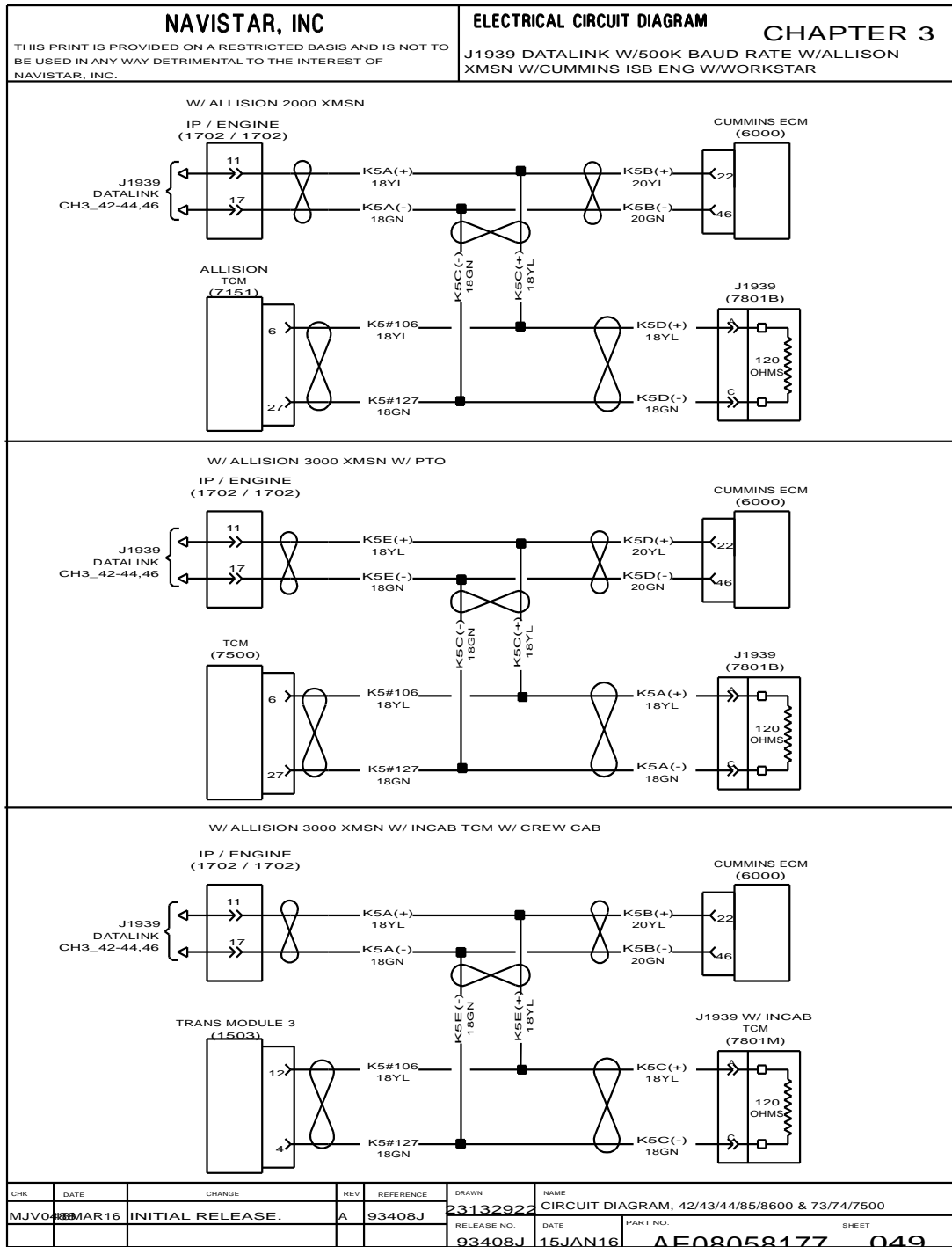


Figure 95 J1939 Data Link with 500K Baud Rate with Allison Transmission with Cummins ISB Engine with WorkStar

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

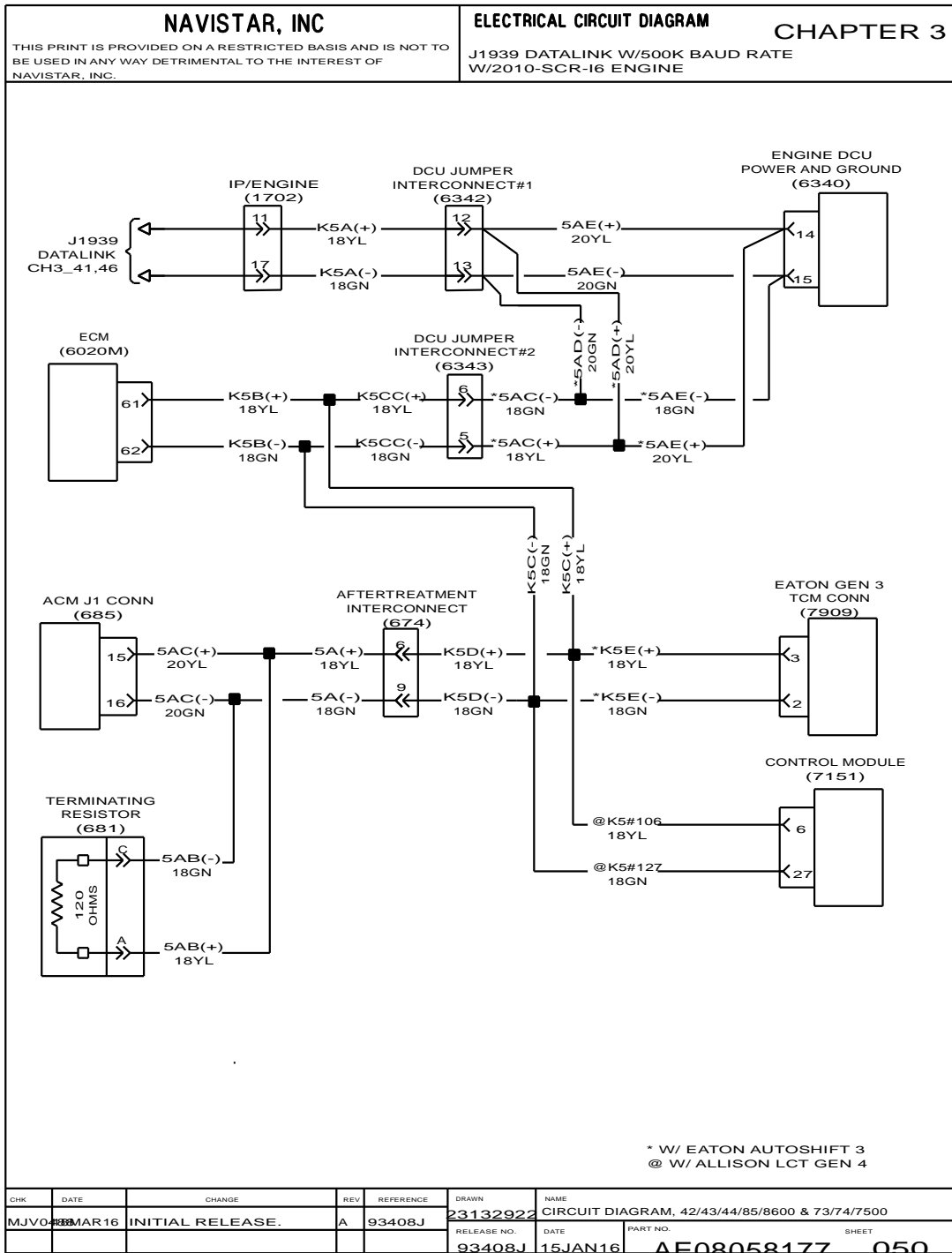


Figure 96 J1939 Data Link with 500K Baud Rate with 2010 SCR I6 Engine

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

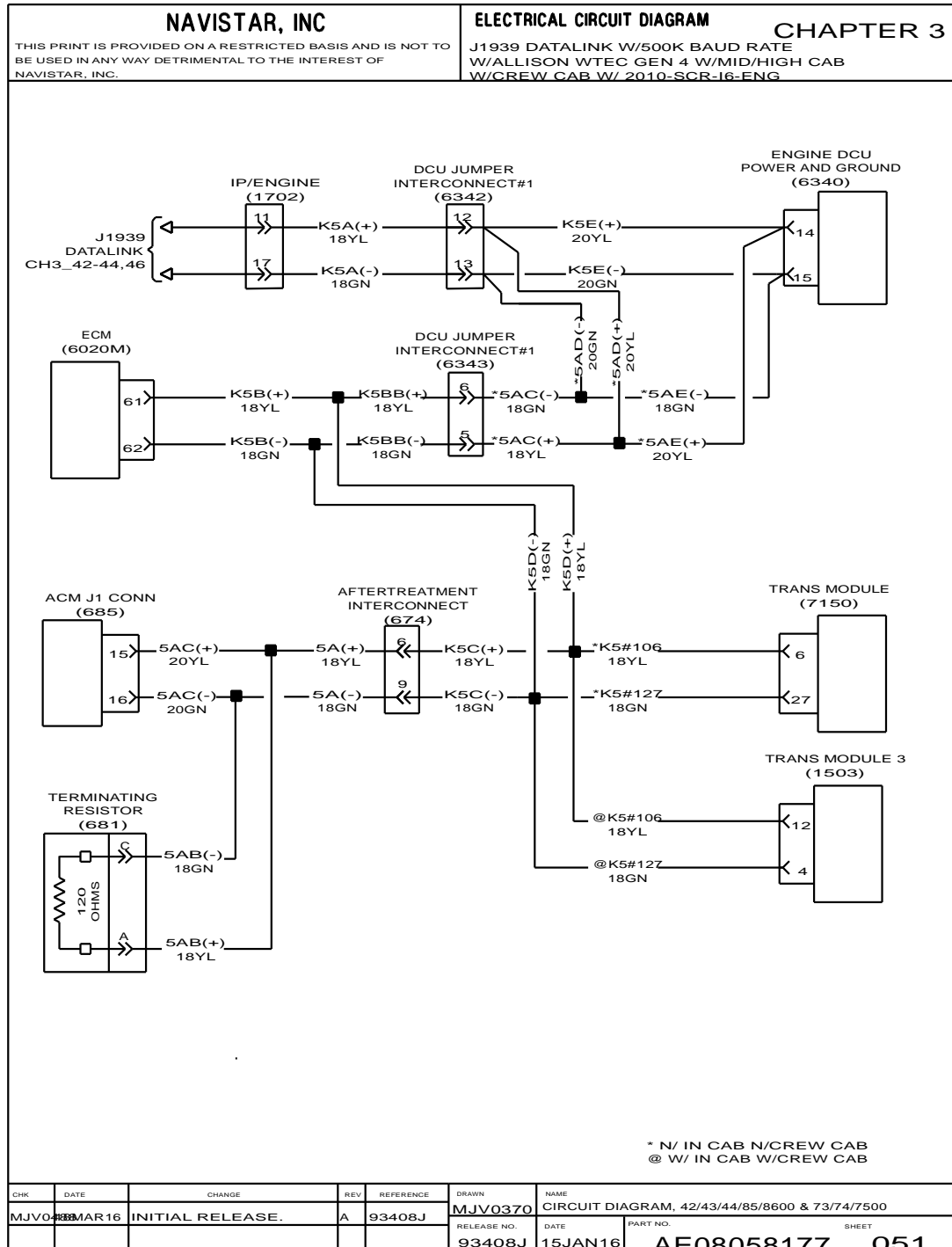


Figure 97 J1939 Data Link with 500K Baud Rate with Allison WTEC Gen 4 with Mid / High Cab with Crew Cab with 2010 SCR I6 Engine

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

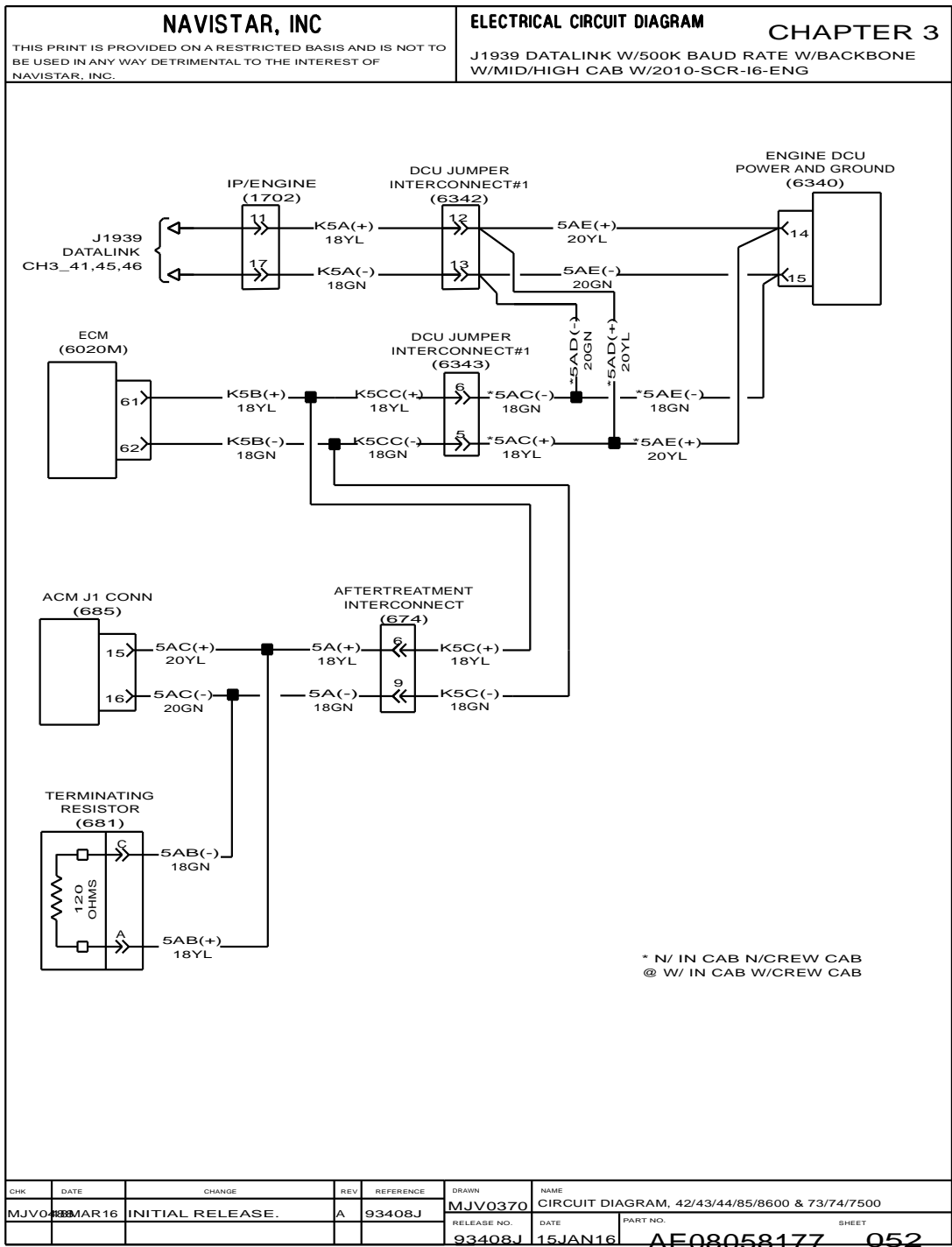


Figure 98 J1939 Data Link with 500K Baud Rate with Backbone with Mid / High Cab with 2010 SCR I6 Engine

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

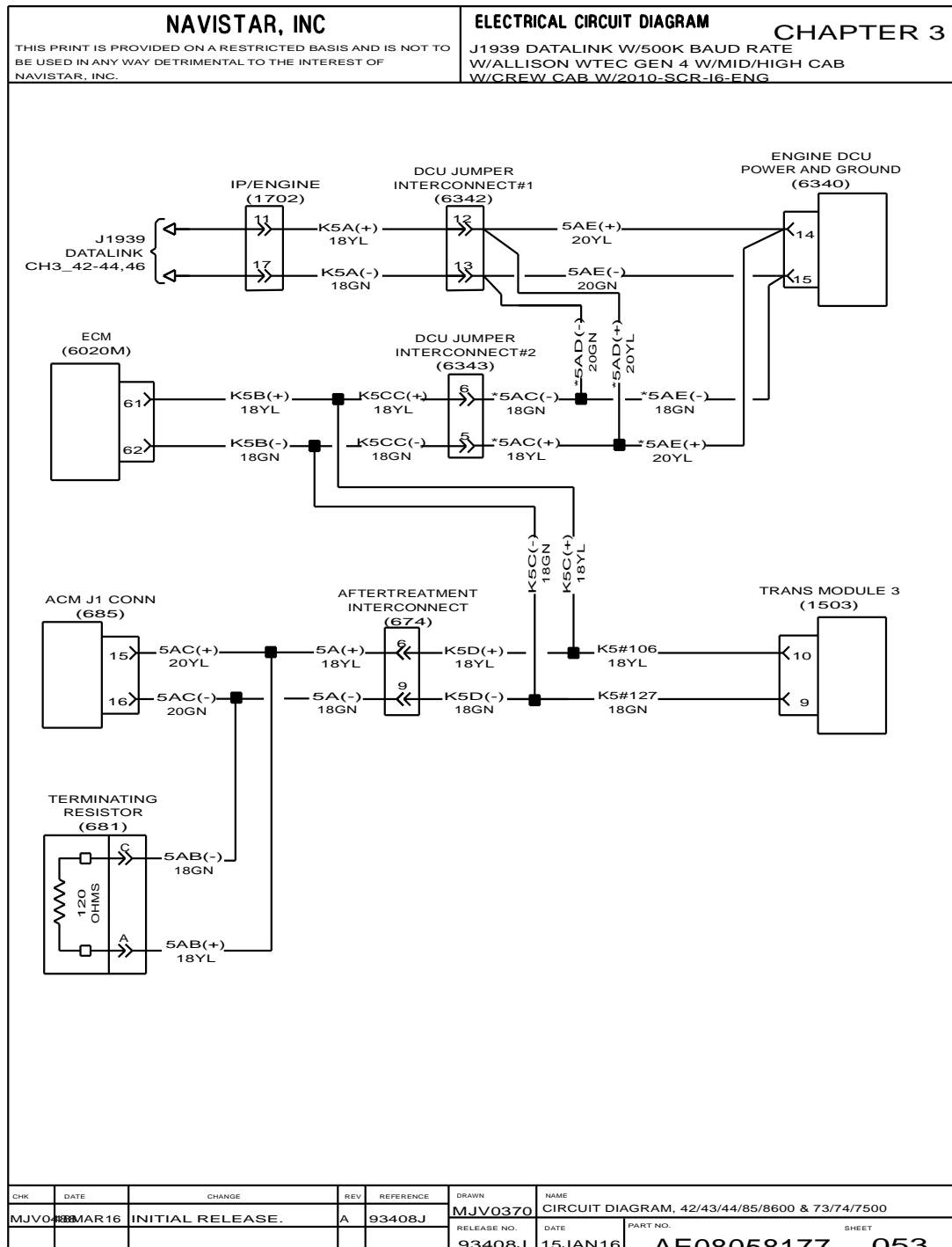


Figure 99 J1939 Data Link with 500K Baud Rate with Allison WTEC Gen 4 with Mid / High Cab with Crew Cab with 2010 SCR I6 Engine

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

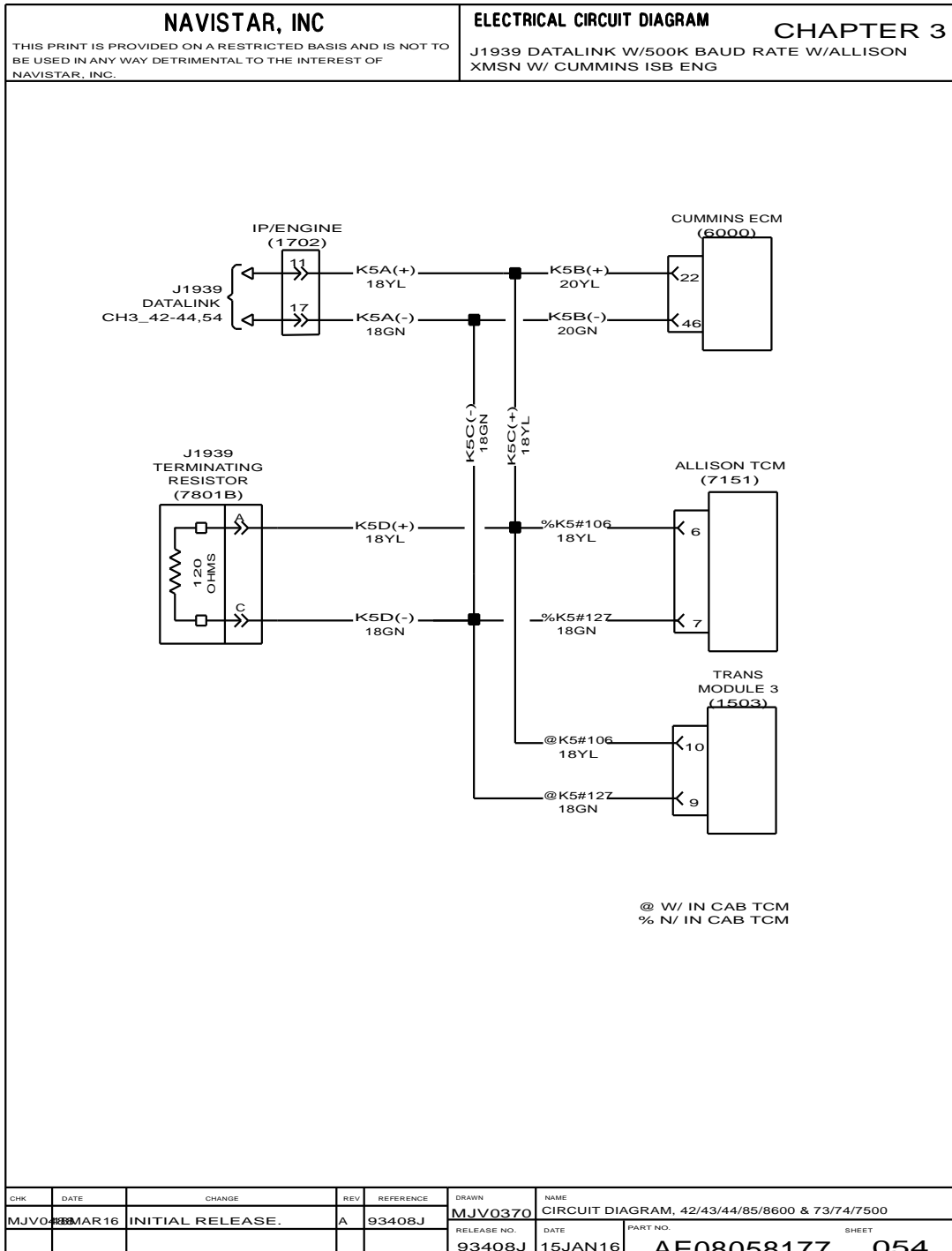


Figure 100 J1939 Data Link with 500K Baud Rate with Allison Transmission with Cummins ISB Engine

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

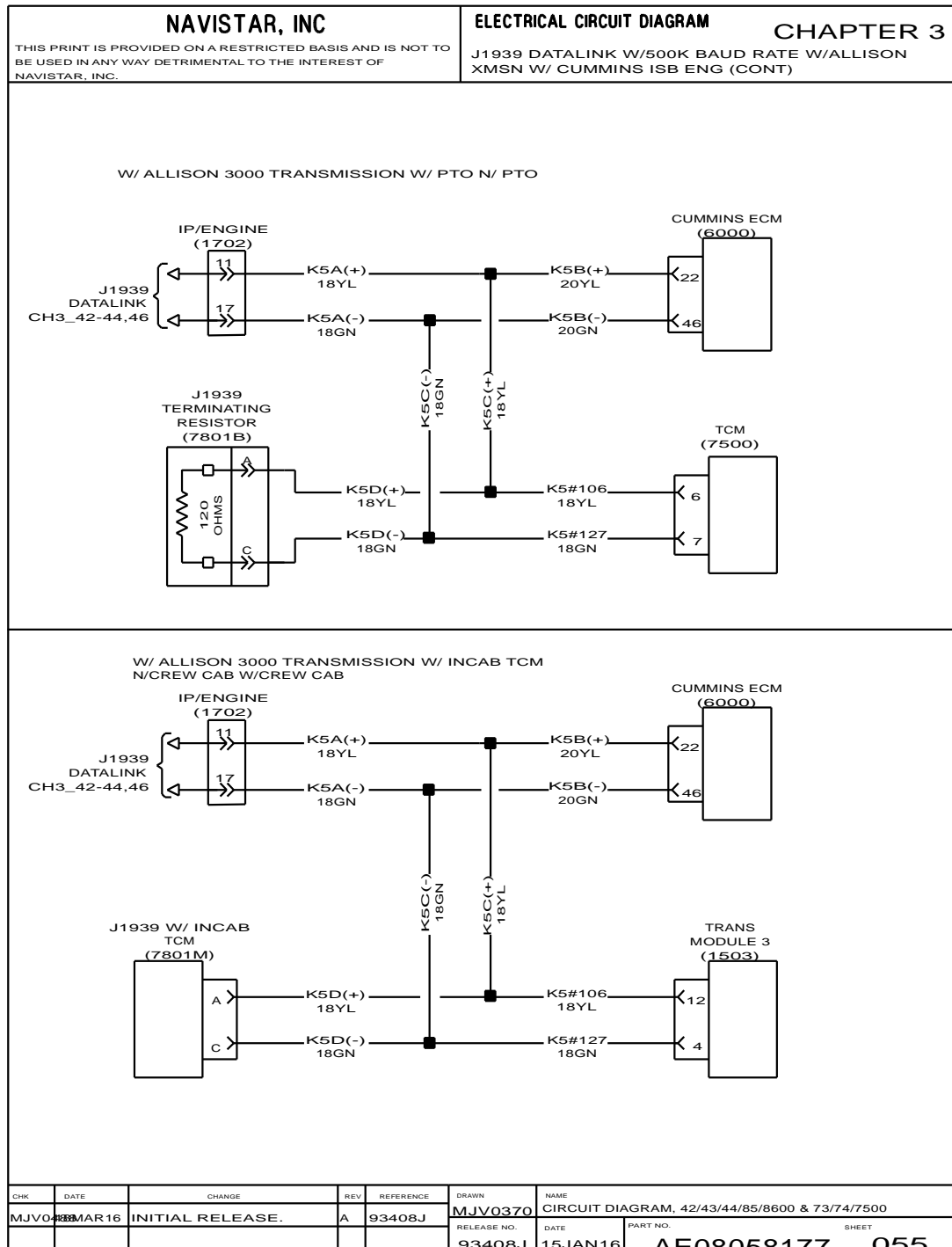


Figure 101 J1939 Data Link with 500K Baud Rate with Allison Transmission with Cummins ISB Engine (Cont.)

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

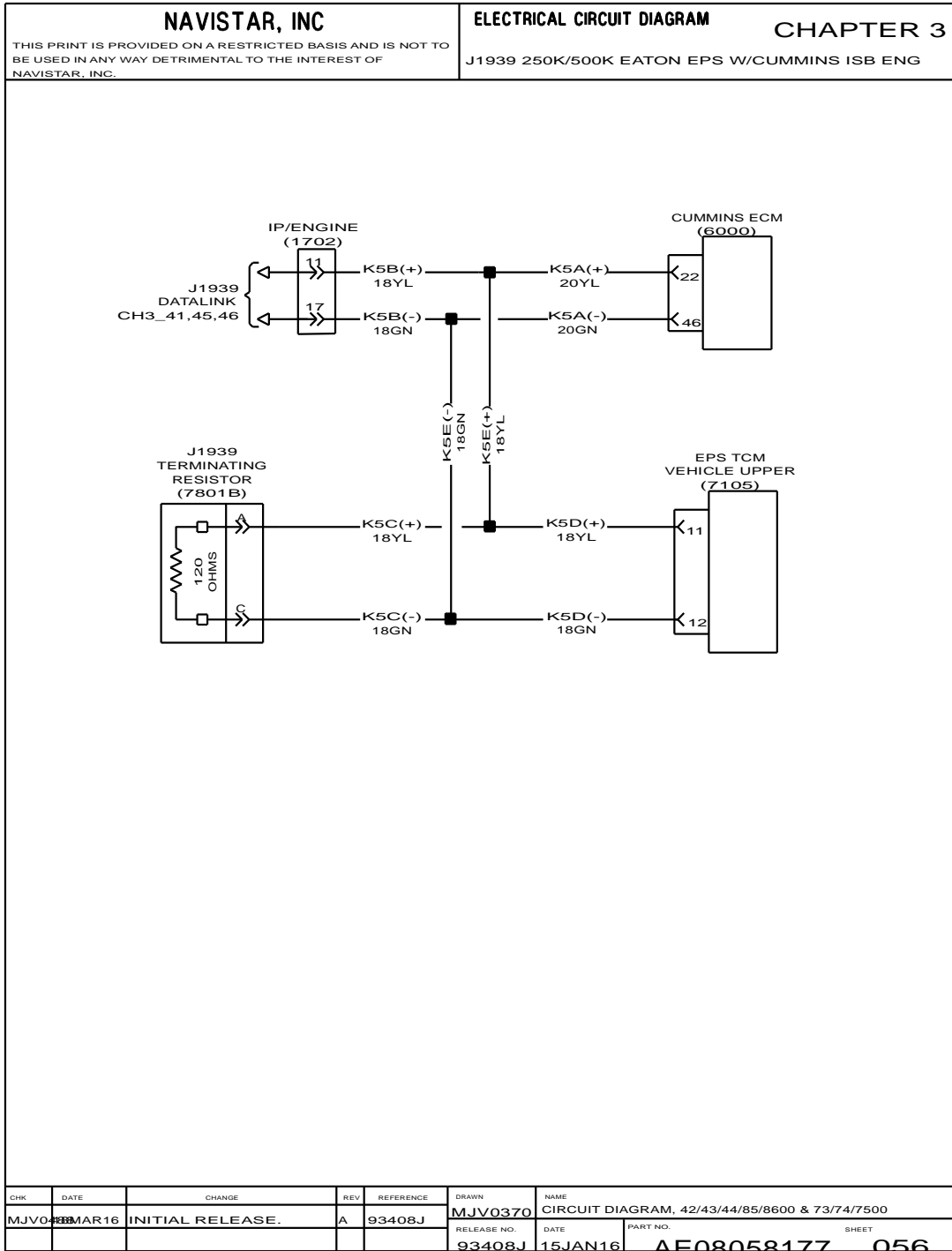


Figure 102 J1939 250K / 500K Eaton EPS with Cummins ISB Engine



3.91. J1939 DATA LINK WITH TRANSTAR, P. 57

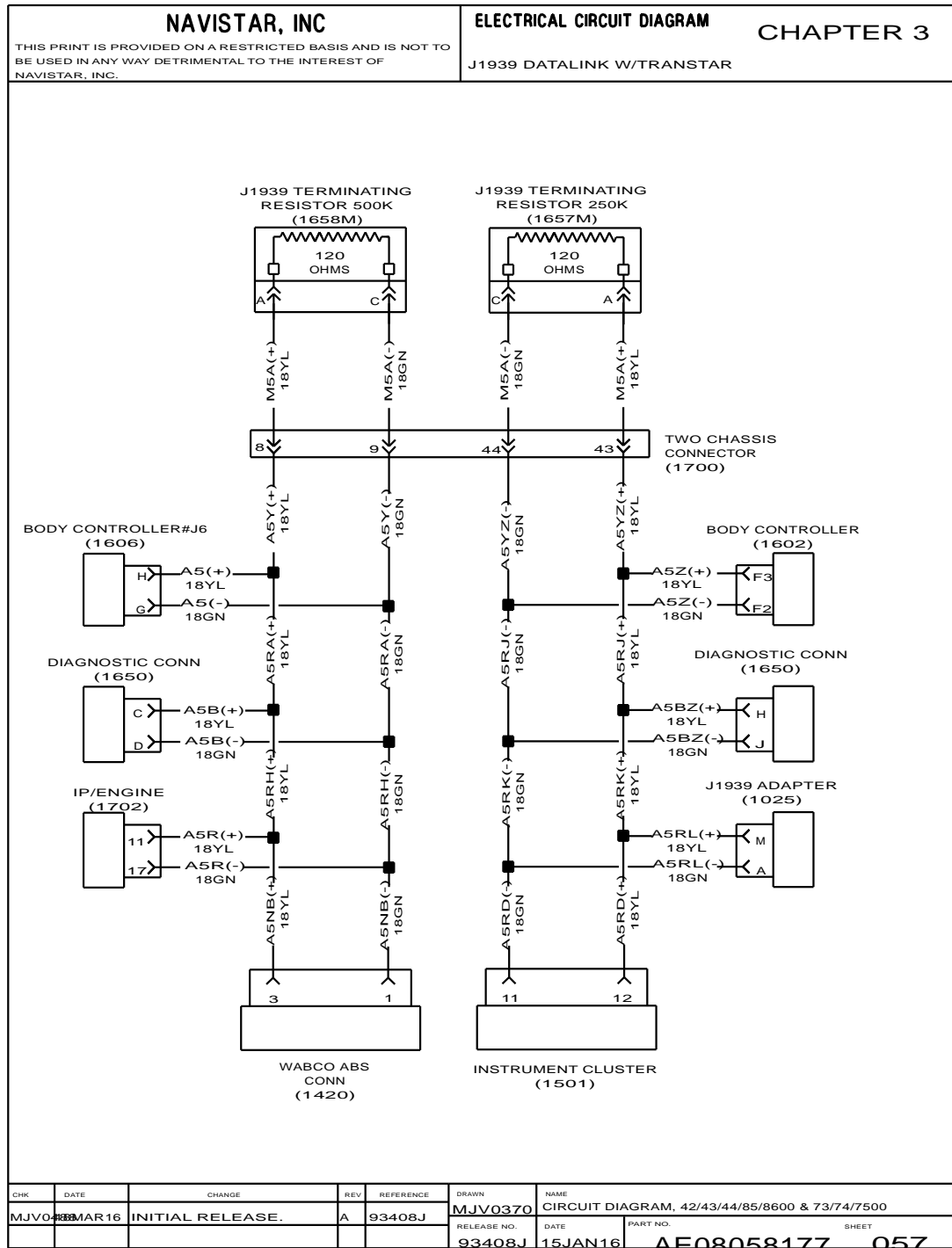


Figure 103 J1939 Data Link with TranStar

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

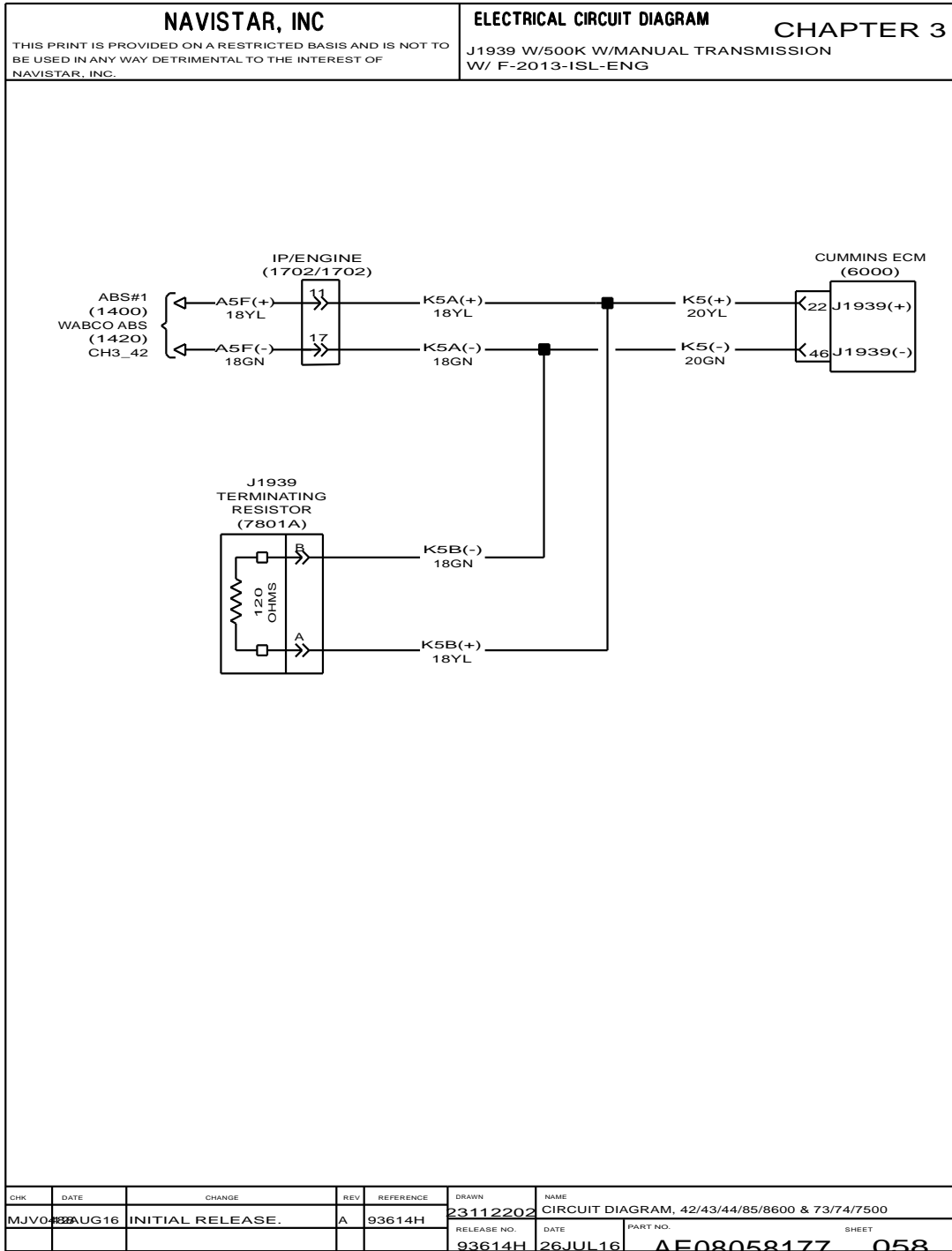


Figure 104 J1939 with 500K, Manual Transmission with F-2013 – ISL Engine

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

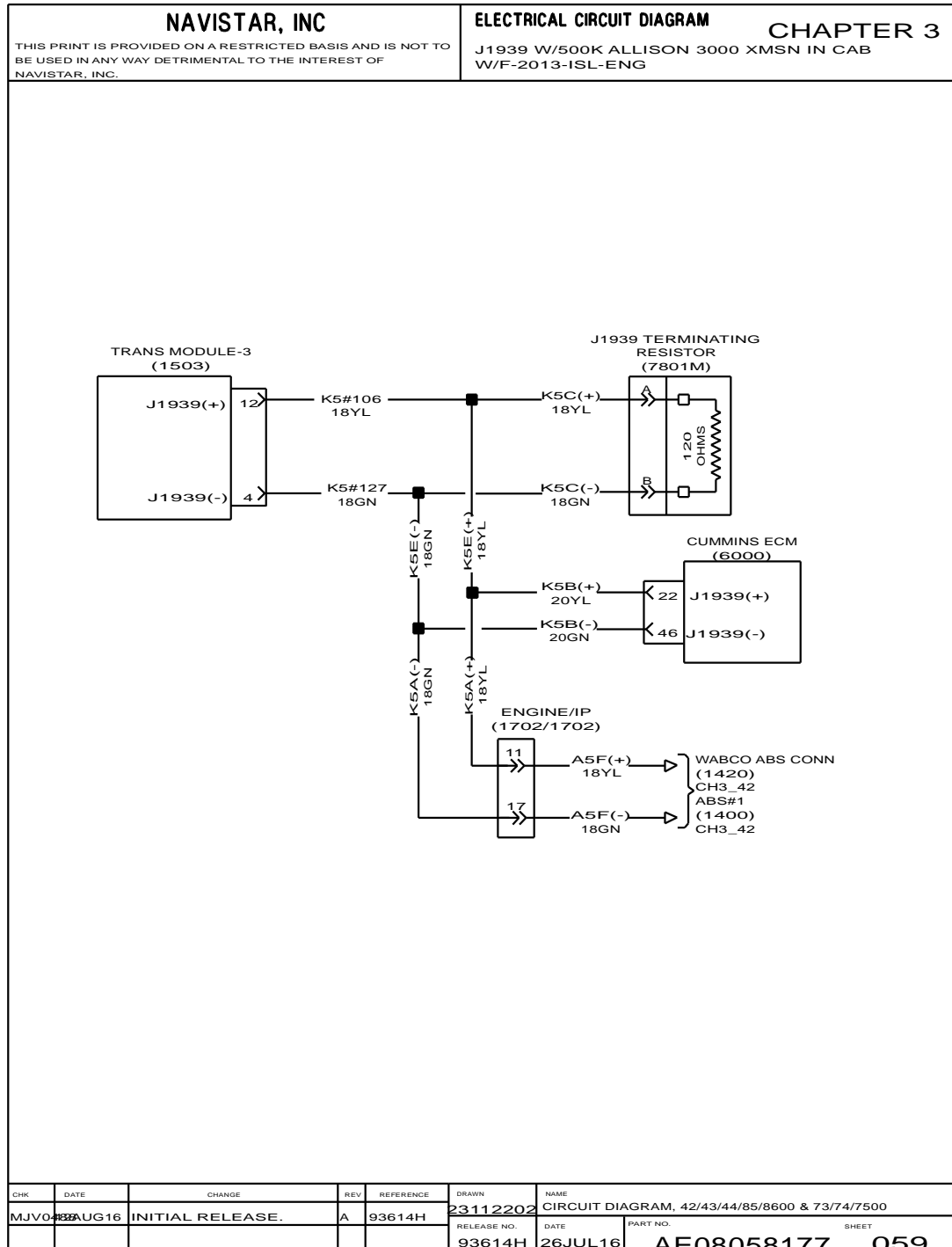


Figure 105 J1939 with 500K, Allison 3000 Transmission in Cab with F-2013 – ISL Engine

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

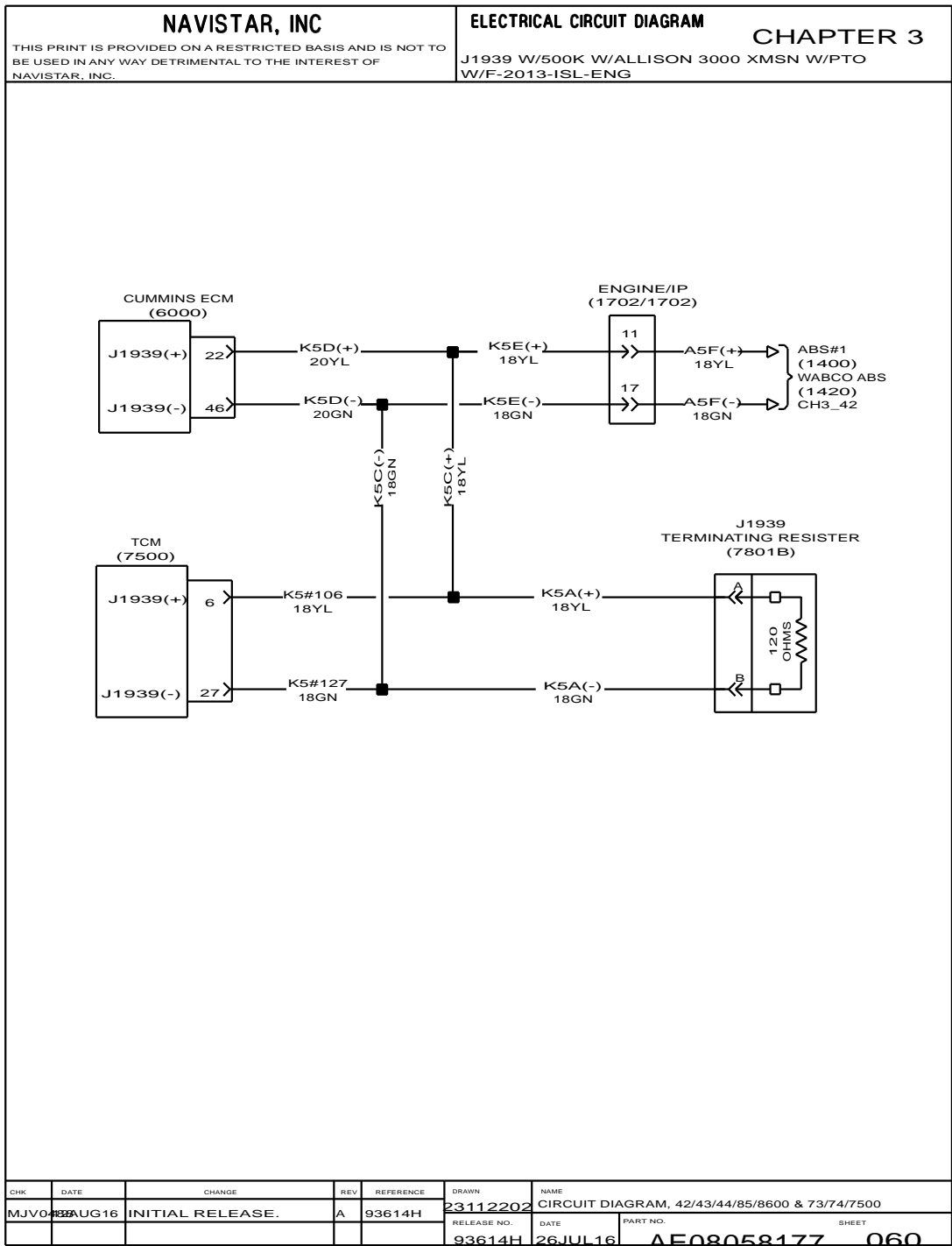


Figure 106 J1939 with 500K, Allison 3000 Transmission with Power Take-Off (PTO) F-2013 – ISL Engine

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

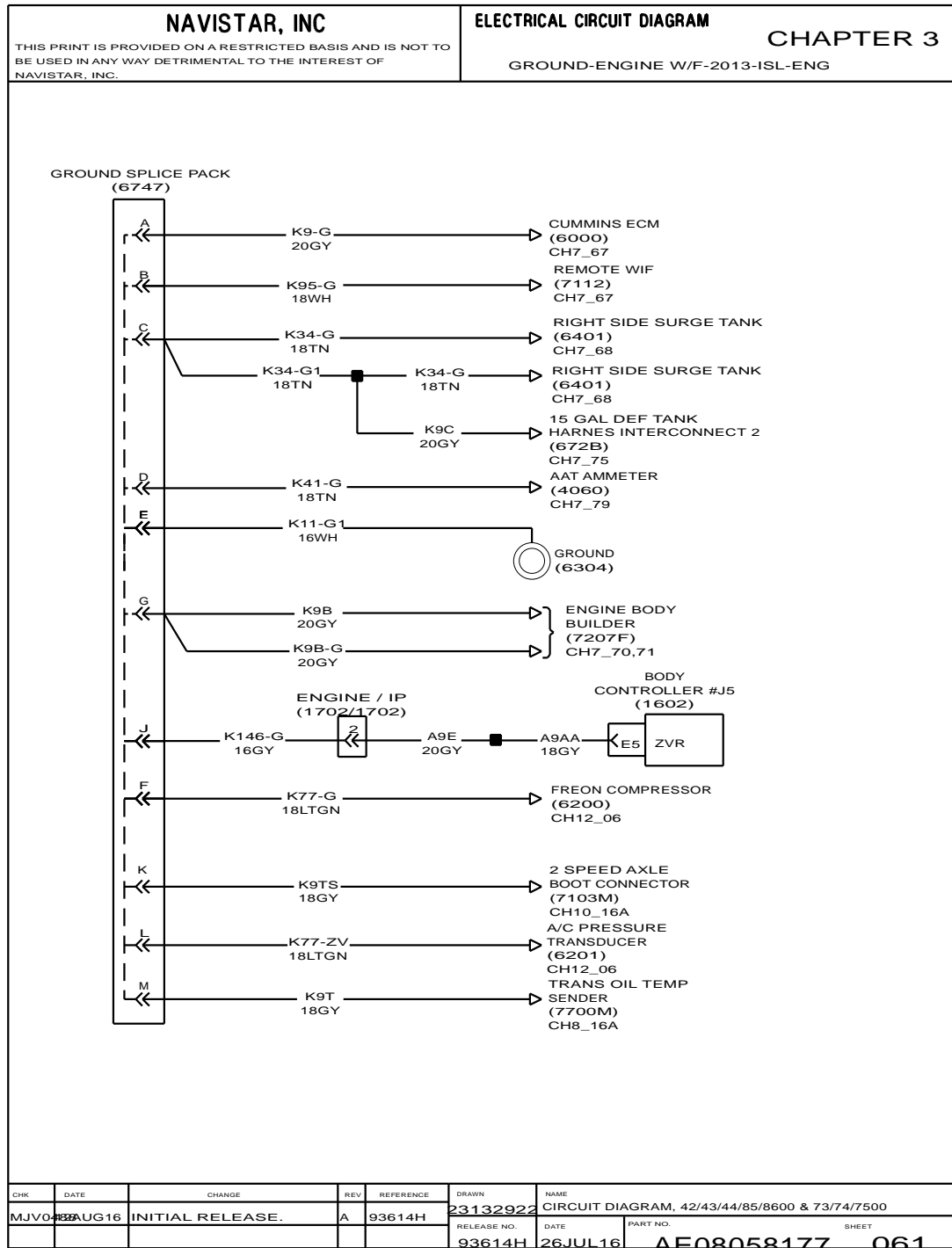


Figure 107 Ground Engine with F-2013 – ISL Engine

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

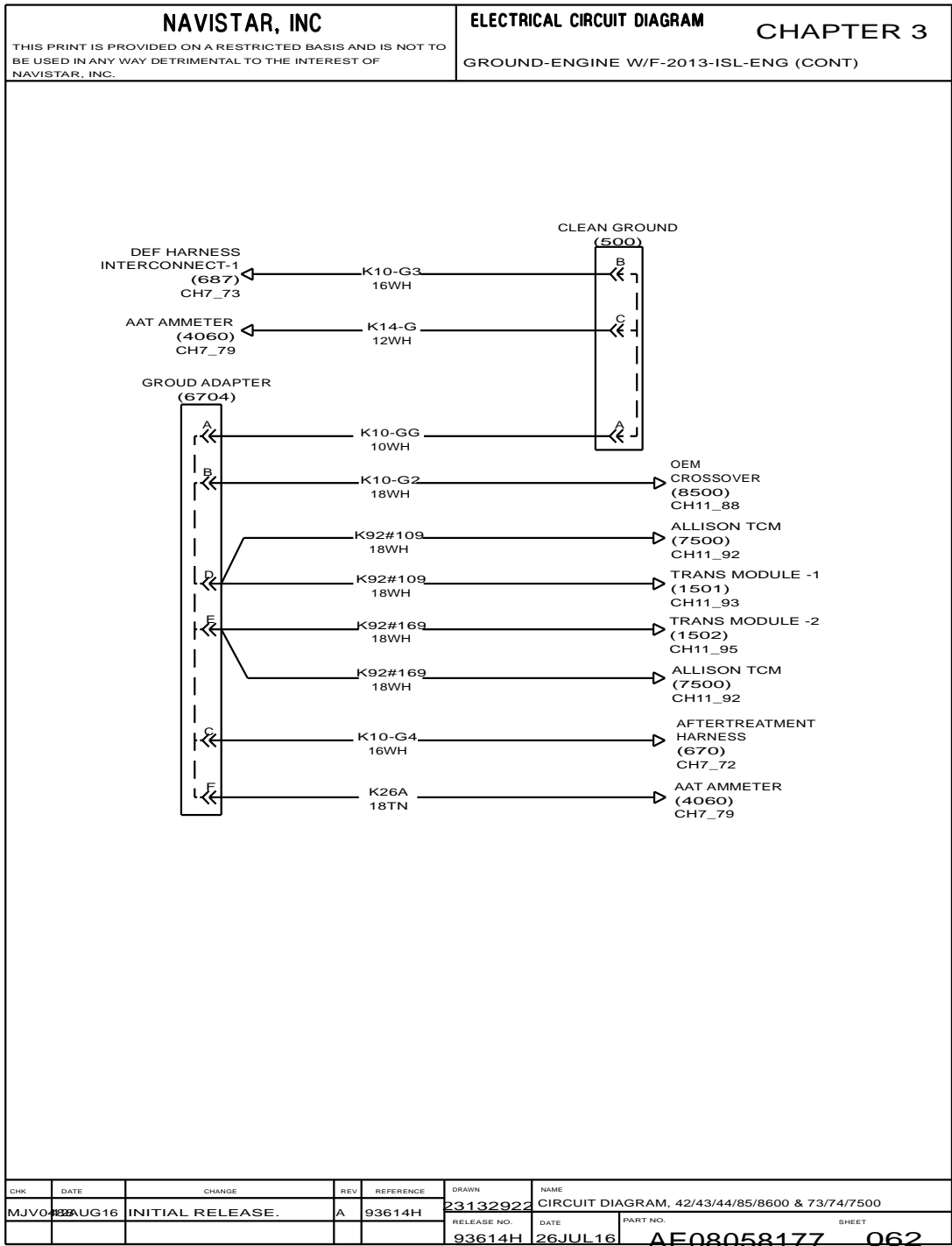


Figure 108 Ground Engine with F-2013-ISL Engine (Cont.)

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

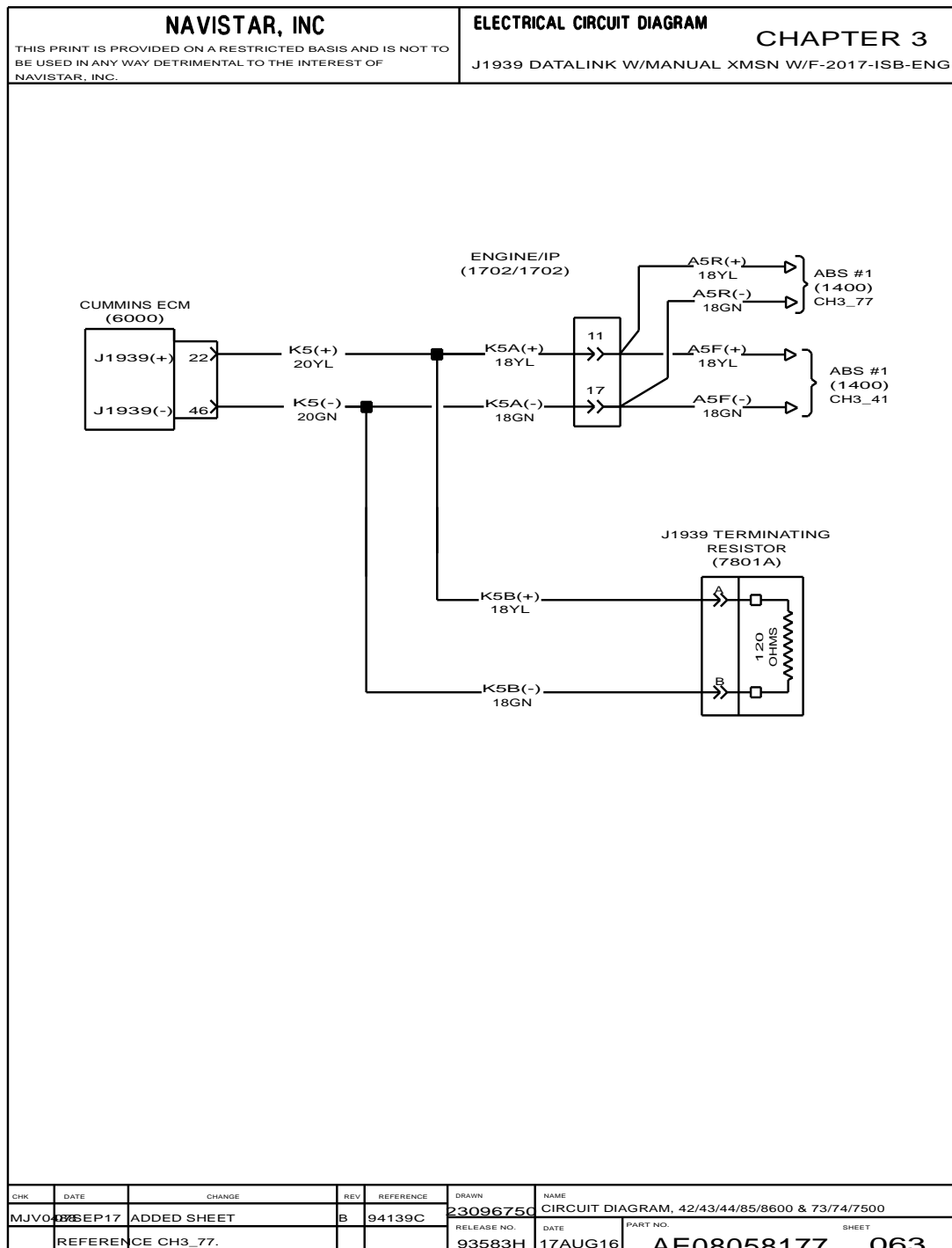


Figure 109 J1939 Data Link with Manual Transmission with F-2017-ISB Engine

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

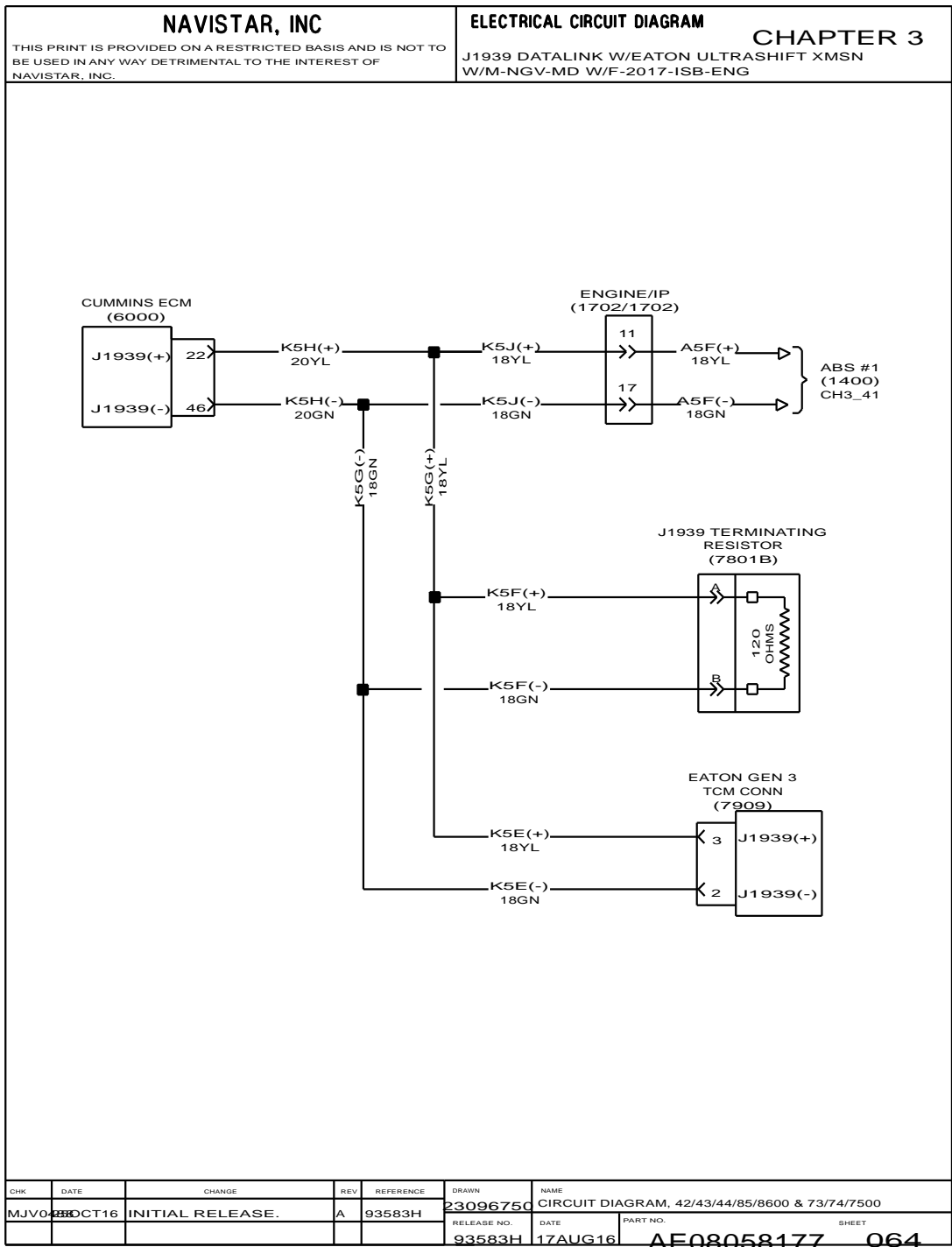


Figure 110 J1939 Data Link with Eaton Ultrashift Transmission with M-NGV-MD with F-2017 ISB Engine



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

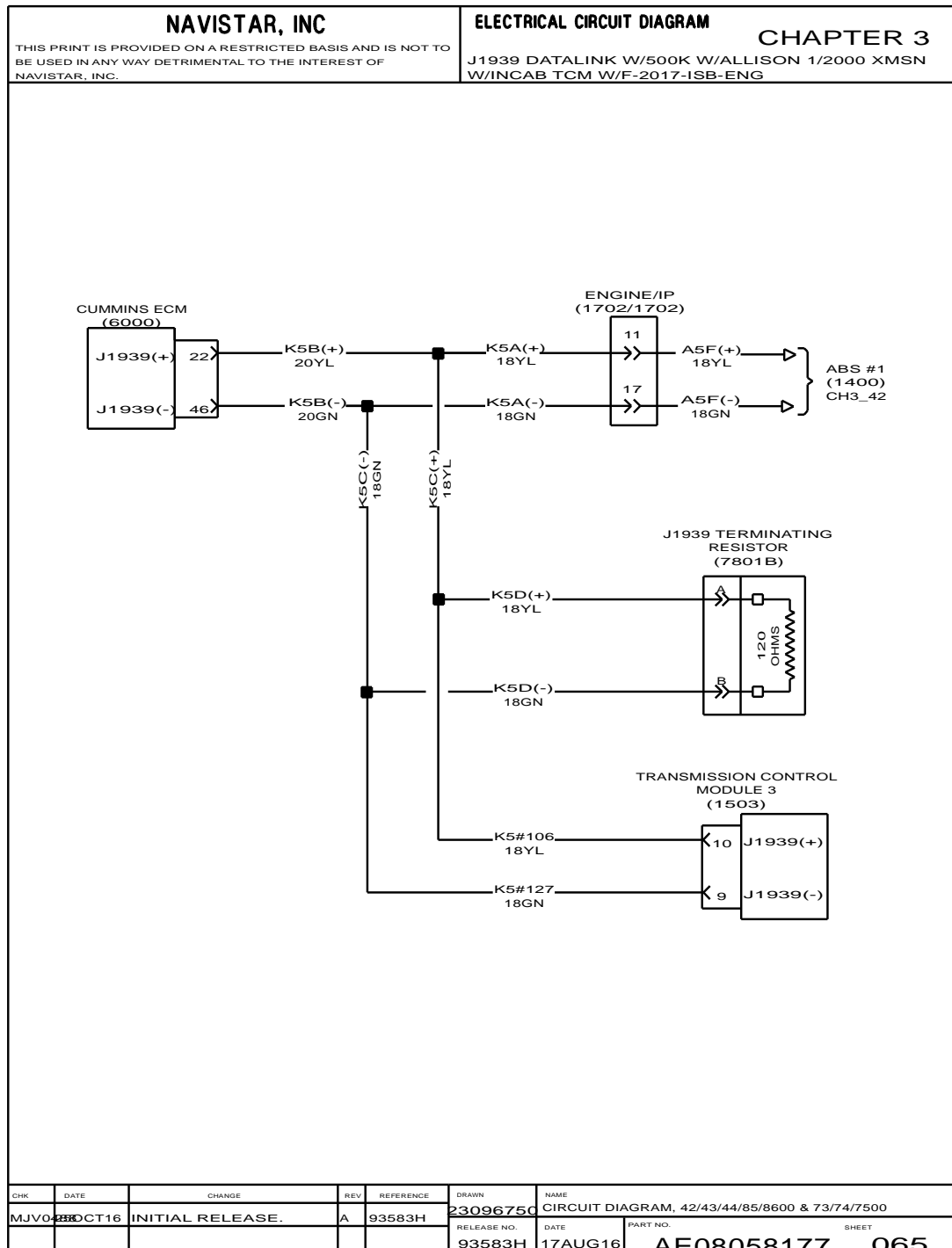


Figure 111 J1939 Data Link with Allison 1 / 2000 Transmission with In-Cab TCM with F-2017-ISB Engine

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

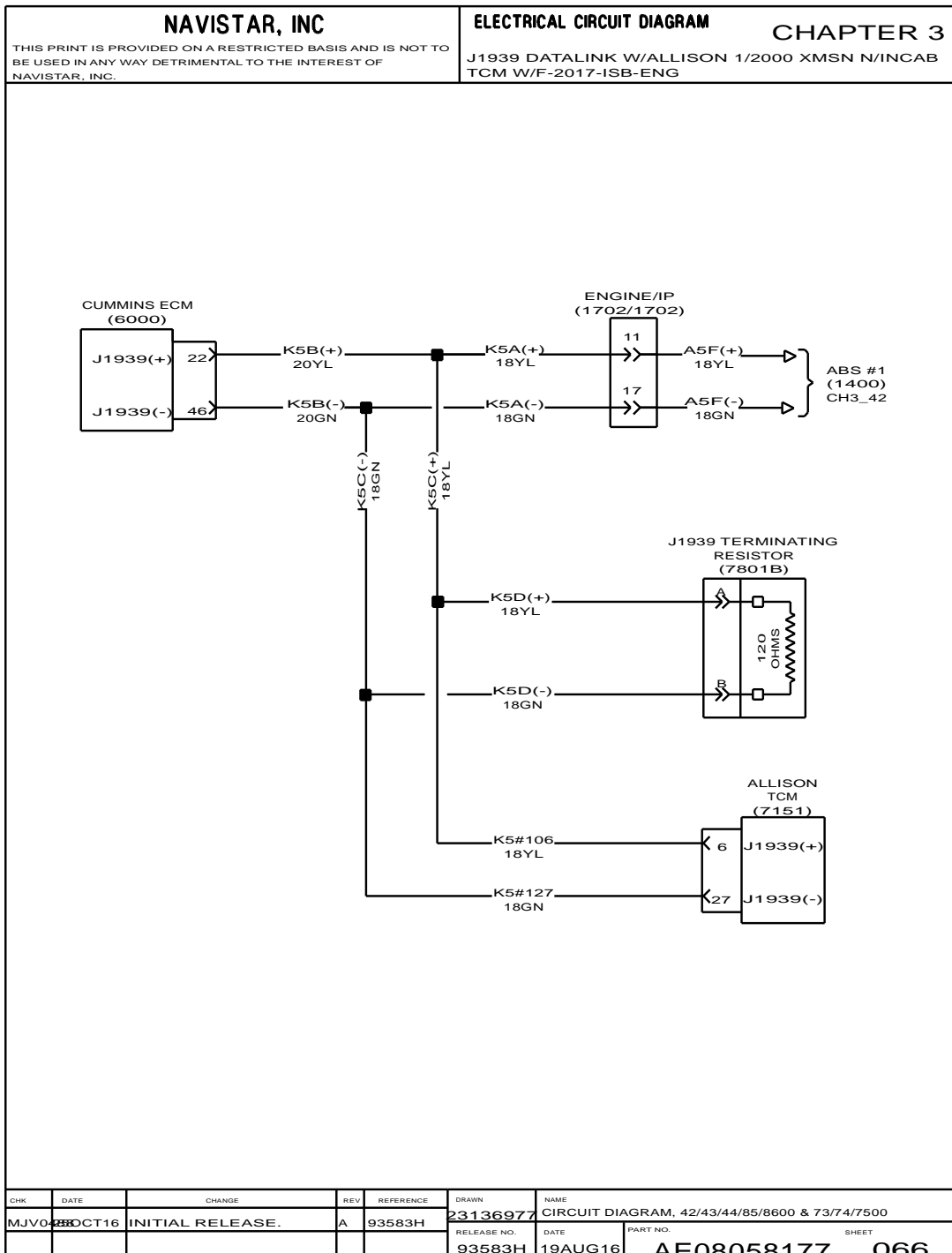


Figure 112 J1939 Data Link with Allison 1 / 2000 Transmission without In-Cab TCM with F-2017-ISB Engine

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

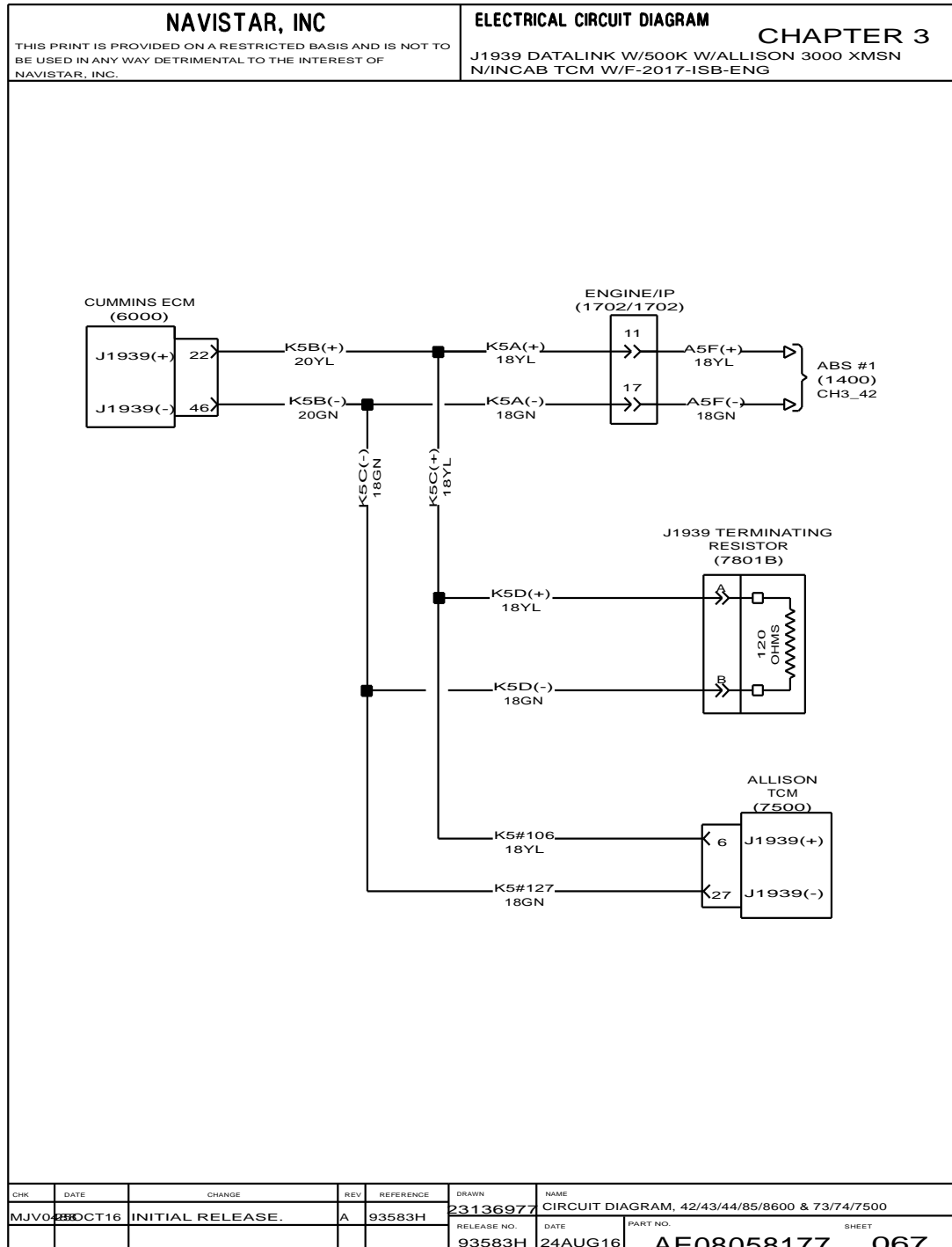


Figure 113 J1939 Data Link with 500K with Allison 3000 Transmission without In-Cab TCM with F-2017-ISB Engine

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

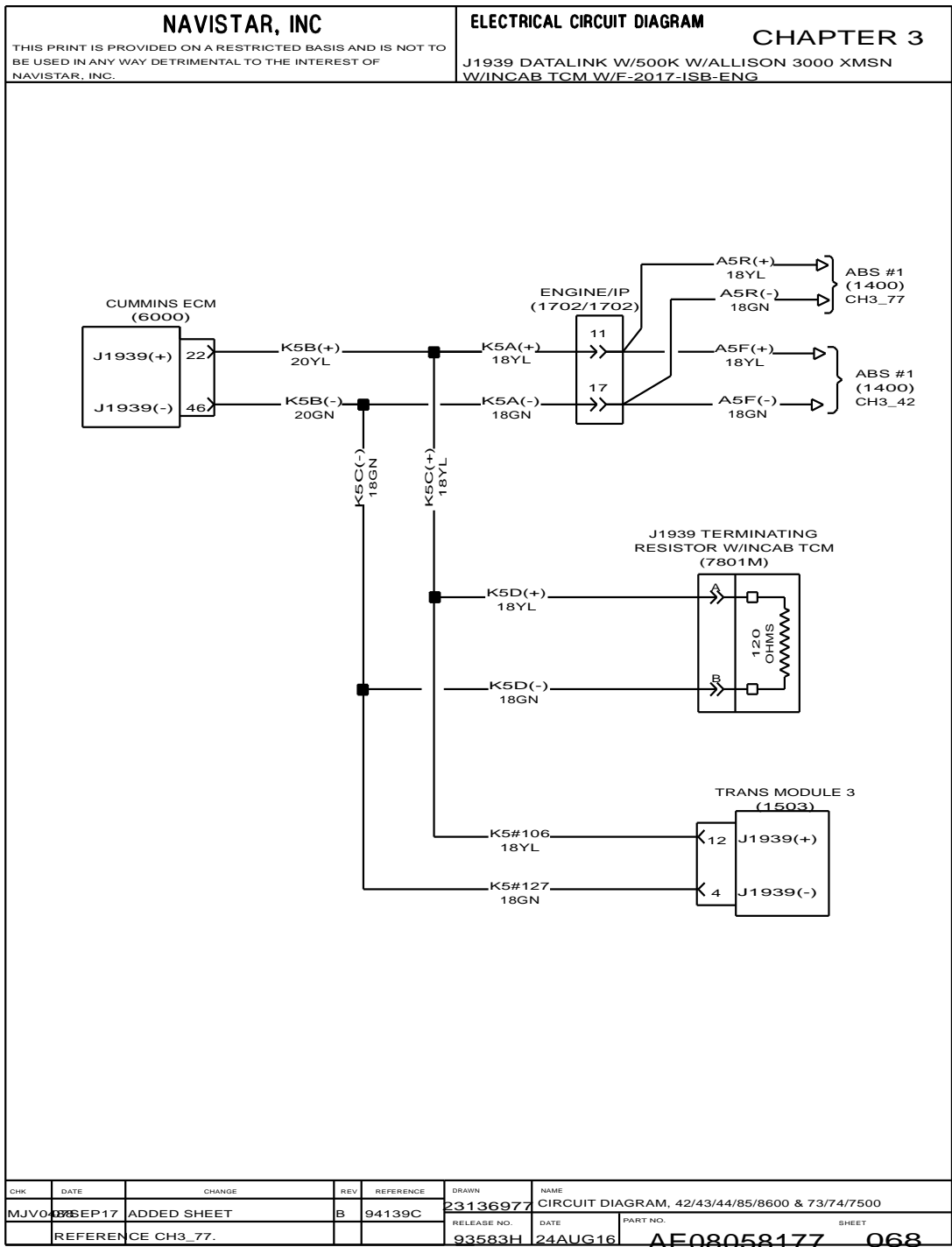


Figure 114 J1939 Data Link with 500K with Allison 3000 Transmission with In-Cab TCM with F-2017-ISB Engine

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

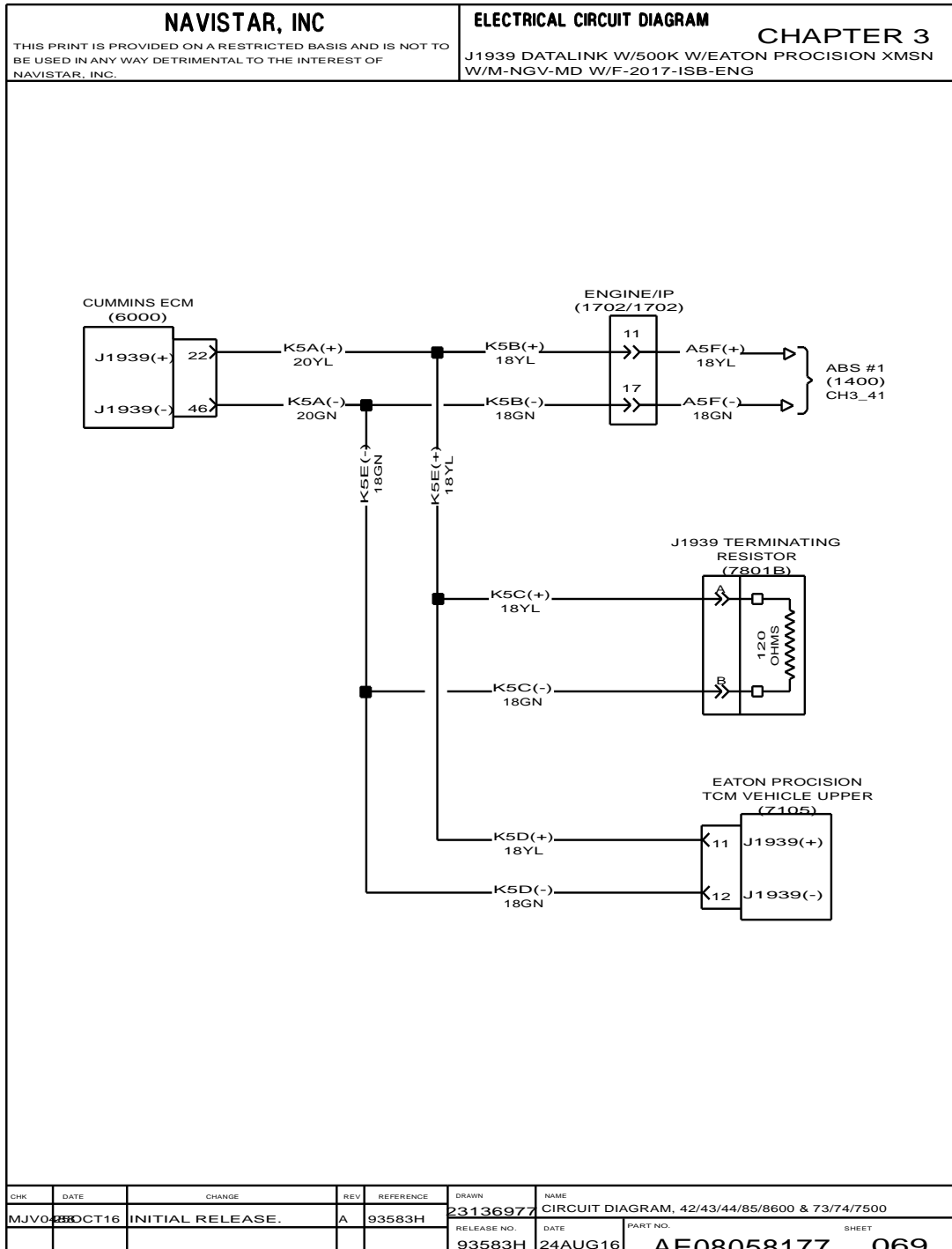


Figure 115 J1939 Data Link with 500K with Eaton Procision Transmission with M-NGV-MD with F-2017-ISB Engine

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

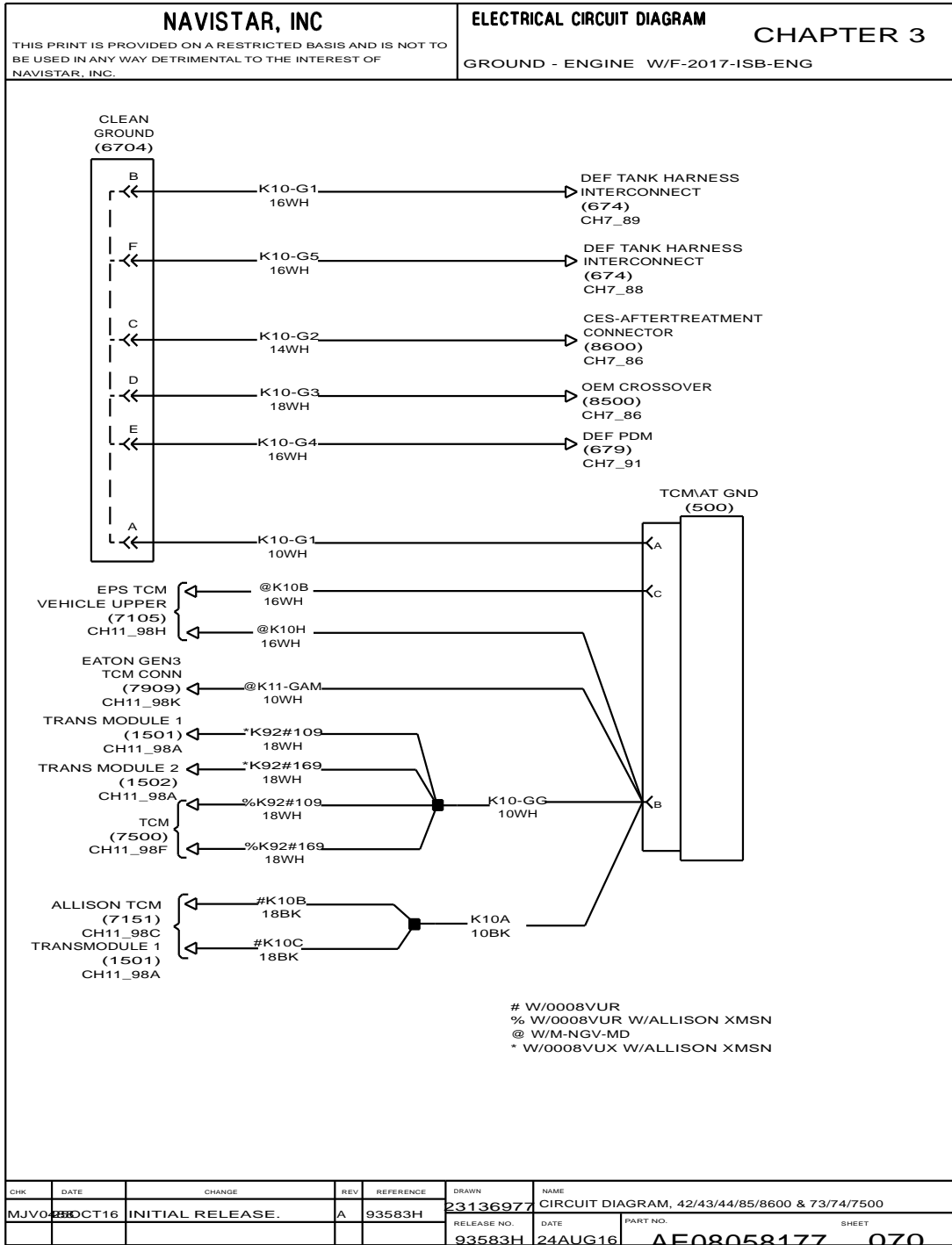


Figure 116 Ground – Engine with F-2017-ISB Engine

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

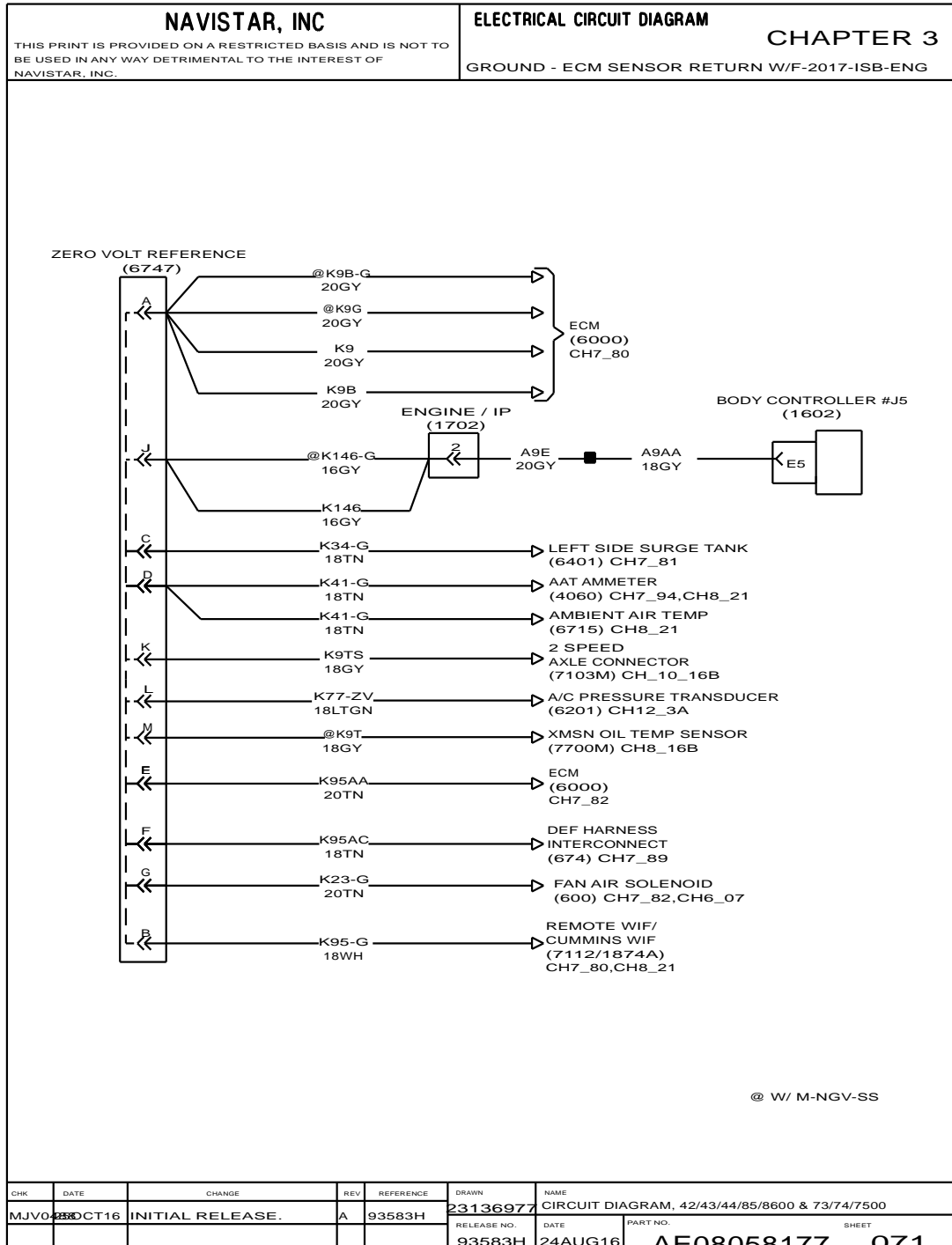


Figure 117 Ground – ECM Sensor Return with F-2017-ISB Engine

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

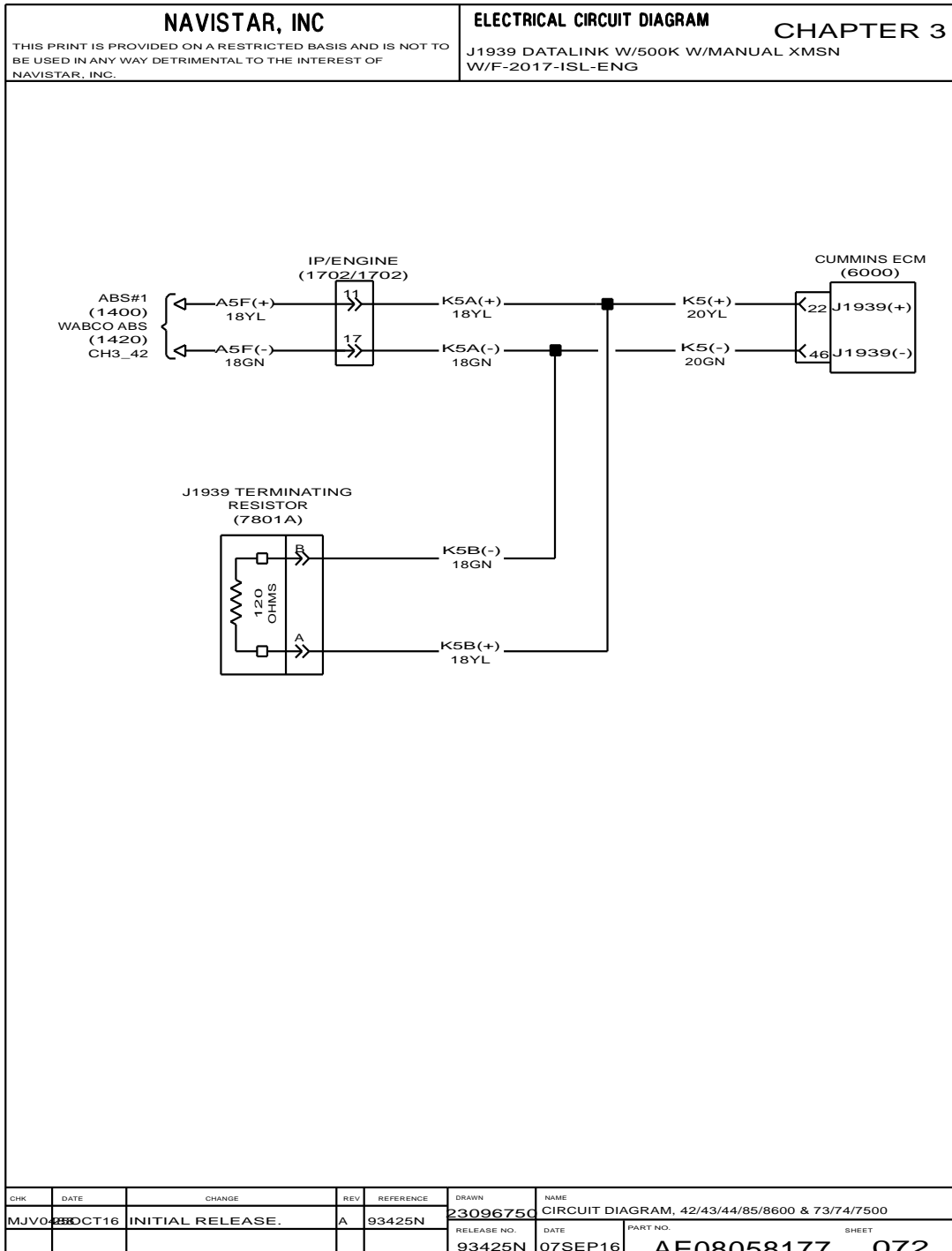


Figure 118 J1939 Data Link with 500K with Manual Transmission with F-2017-ISL Engine



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

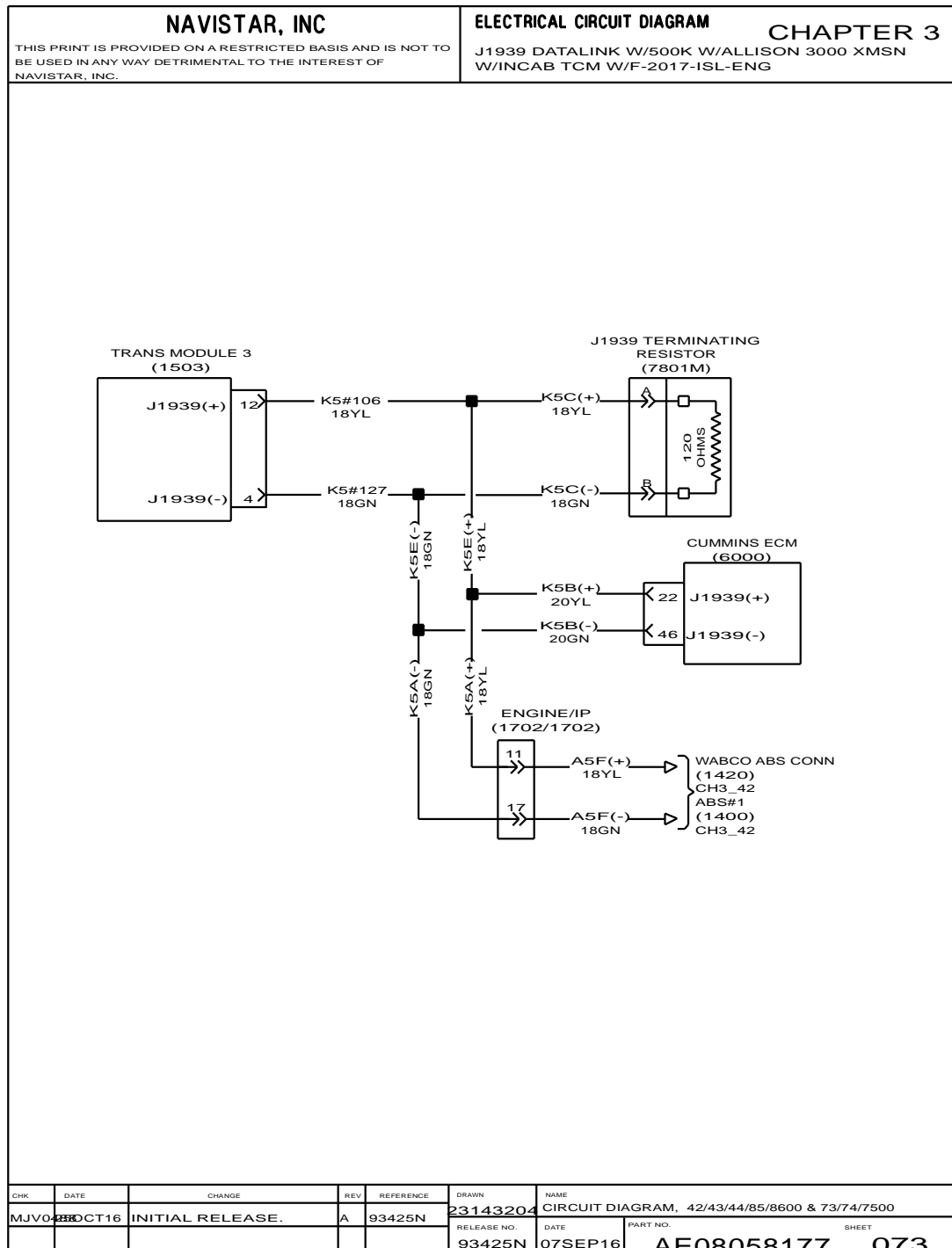


Figure 119 J1939 Data Link with 500K with Allison 3000 Transmission with In-Cab TCM with F-2017-ISL Engine

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

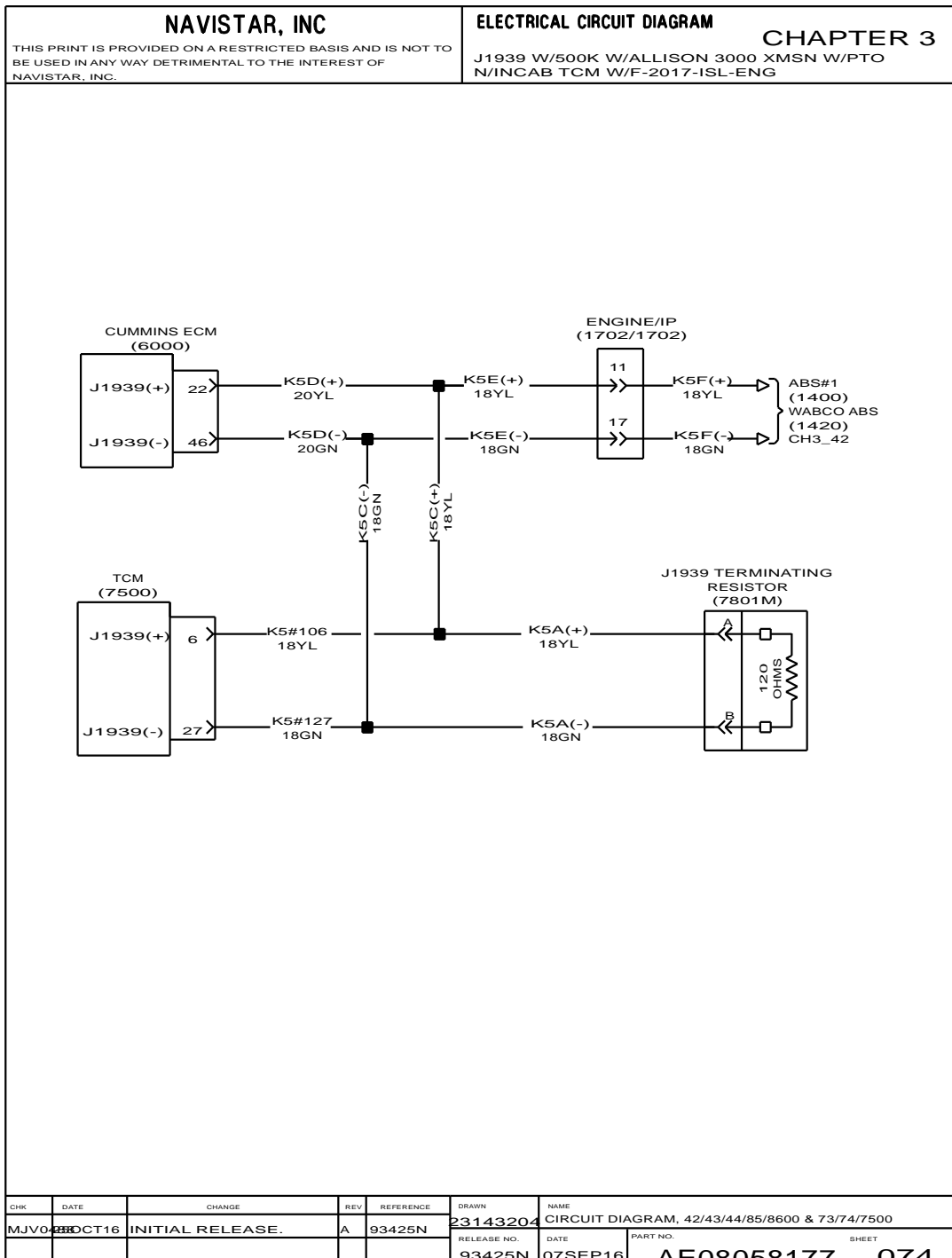


Figure 120 J1939 with 500K with Allison 3000 Transmission with PTO without In-Cab TCM with F-2017-ISL Engine

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

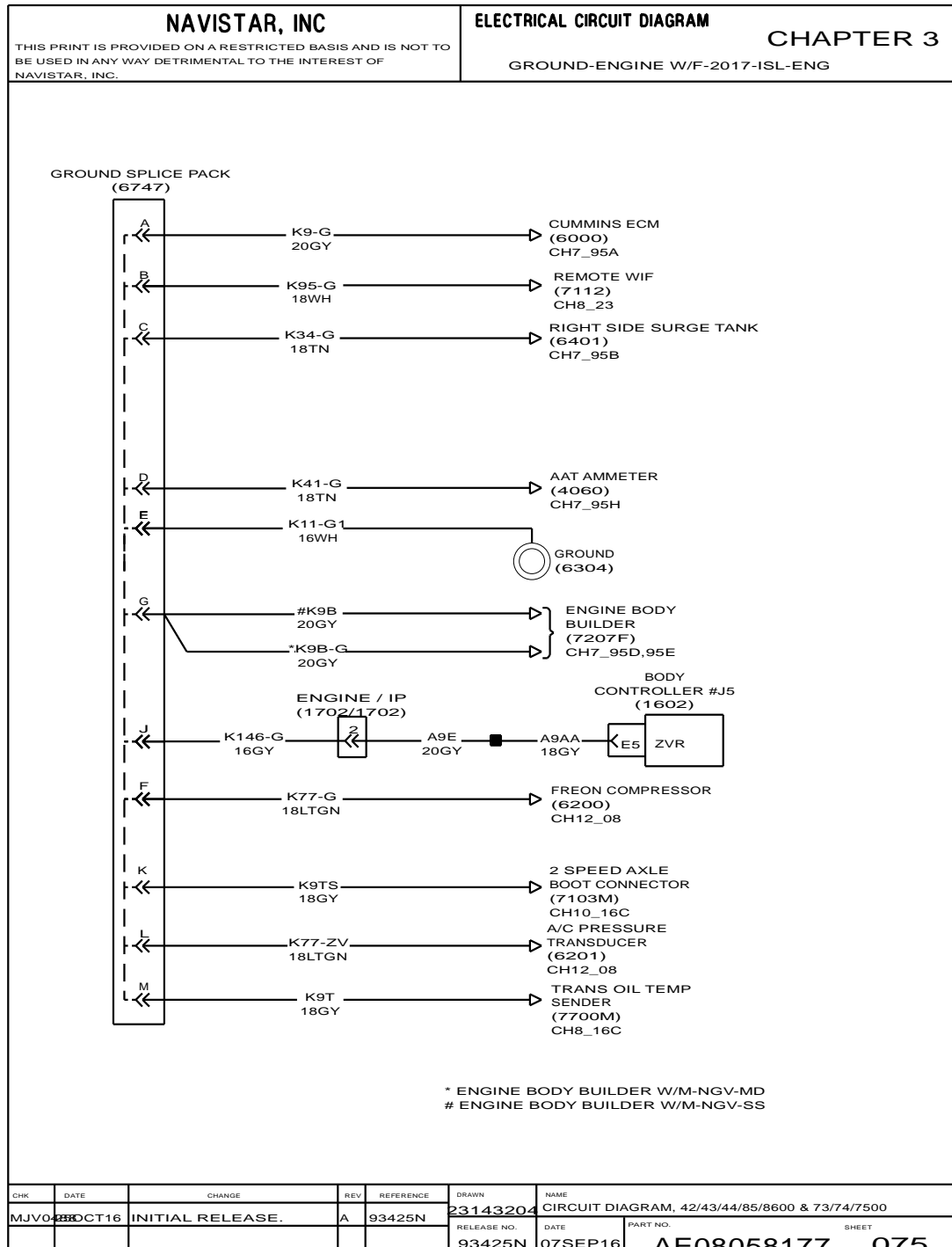


Figure 121 Ground Engine with F-2017-ISL Engine

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

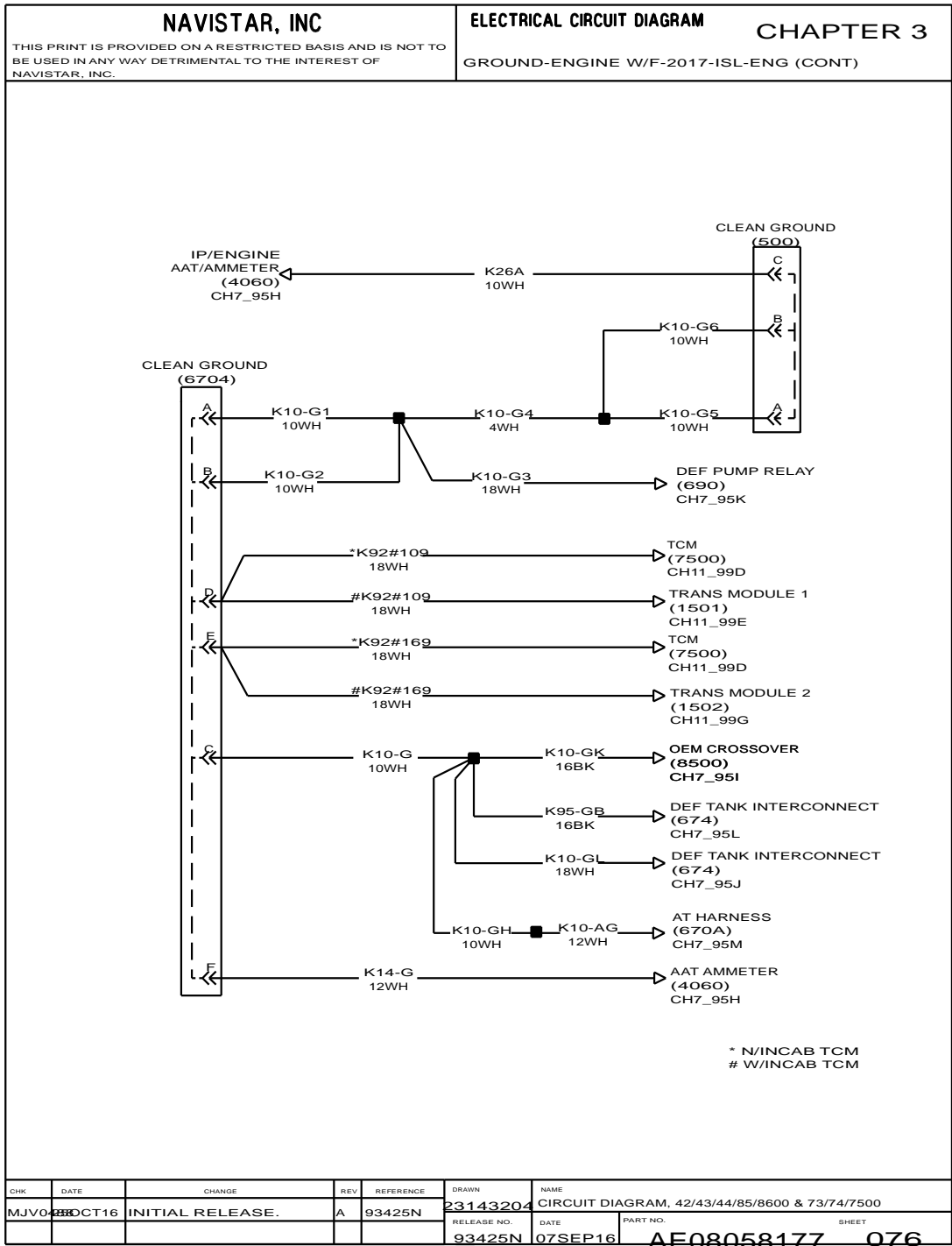


Figure 122 Ground Engine with F-2017-ISL Engine (Cont.)

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

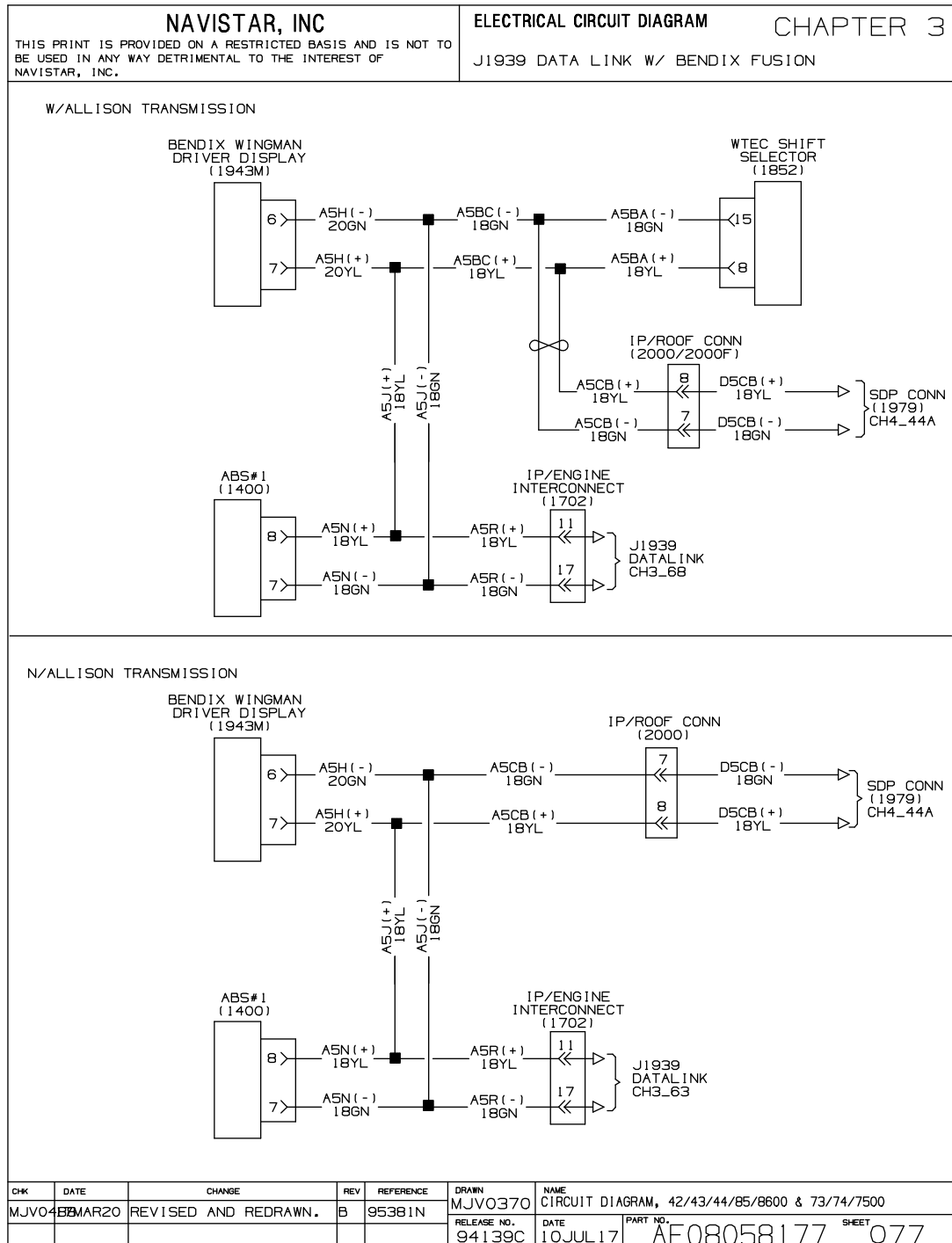
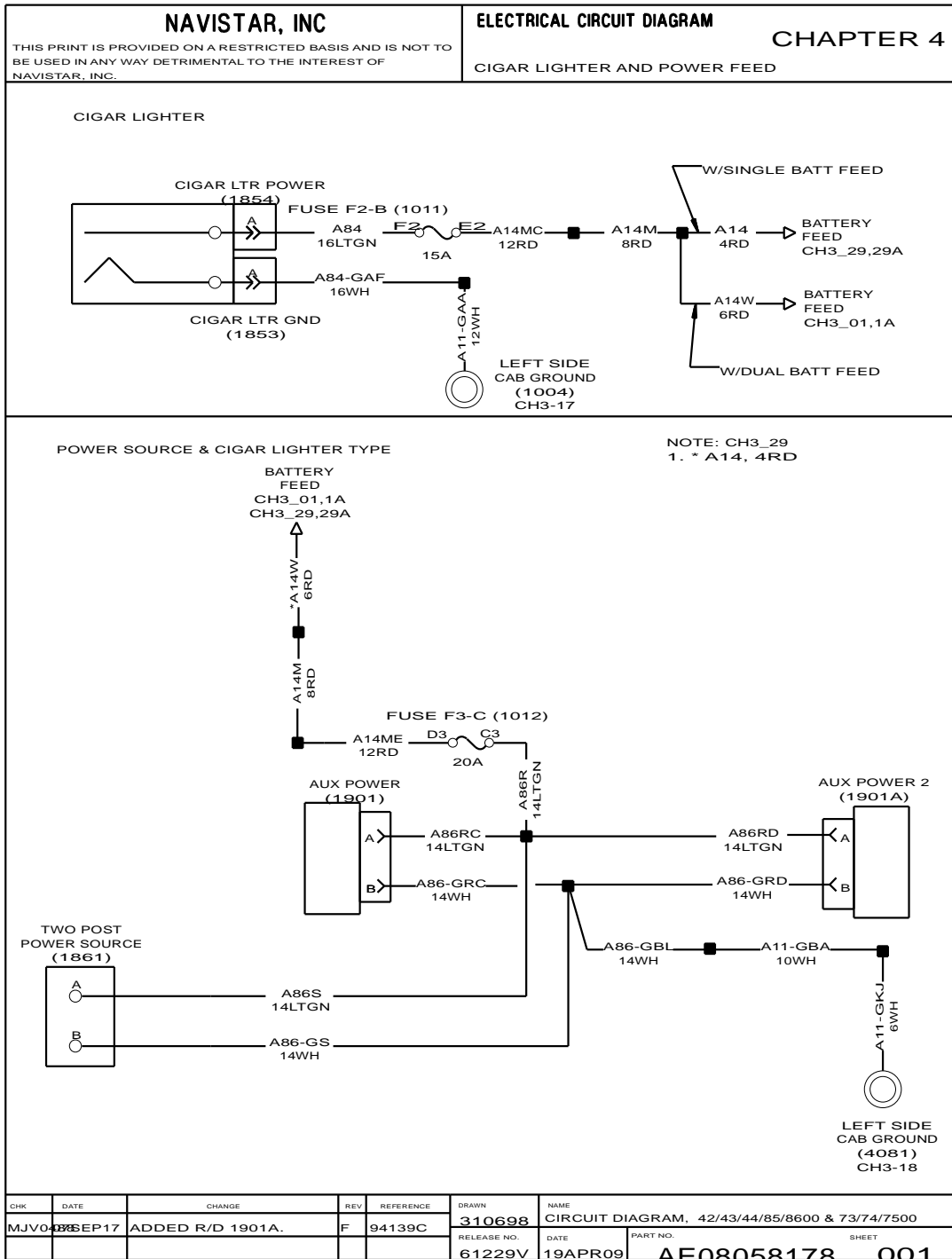


Figure 123 J1939 Data Link with Bendix Fusion

## CAB ACCESSORIES (CHAPTER 4)

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



**Figure 124 Cigar Lighter and Power Feed**

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

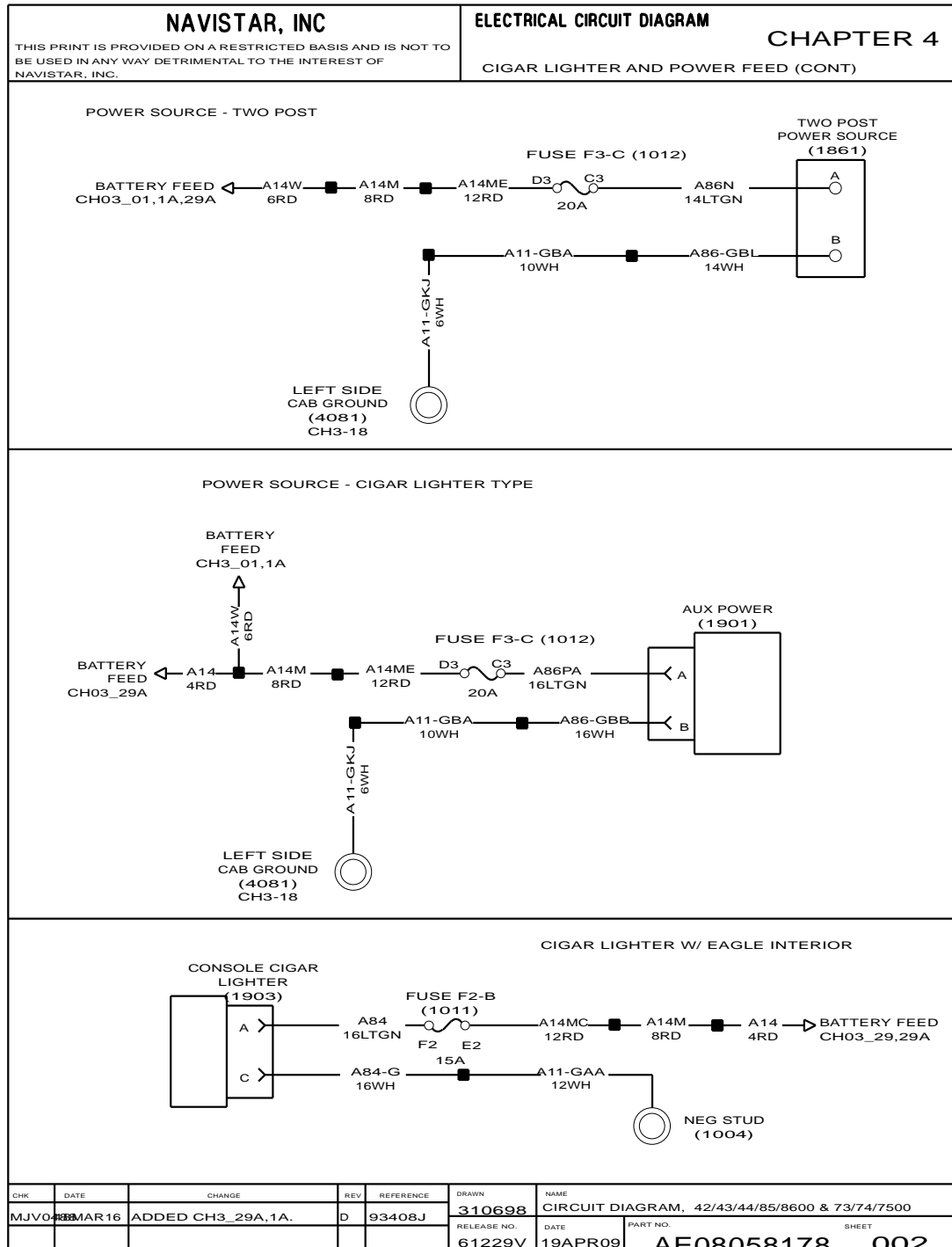


Figure 125 Cigar Lighter and Power Feed (Cont.)

4.3. CB POWER RADIO, P. 3

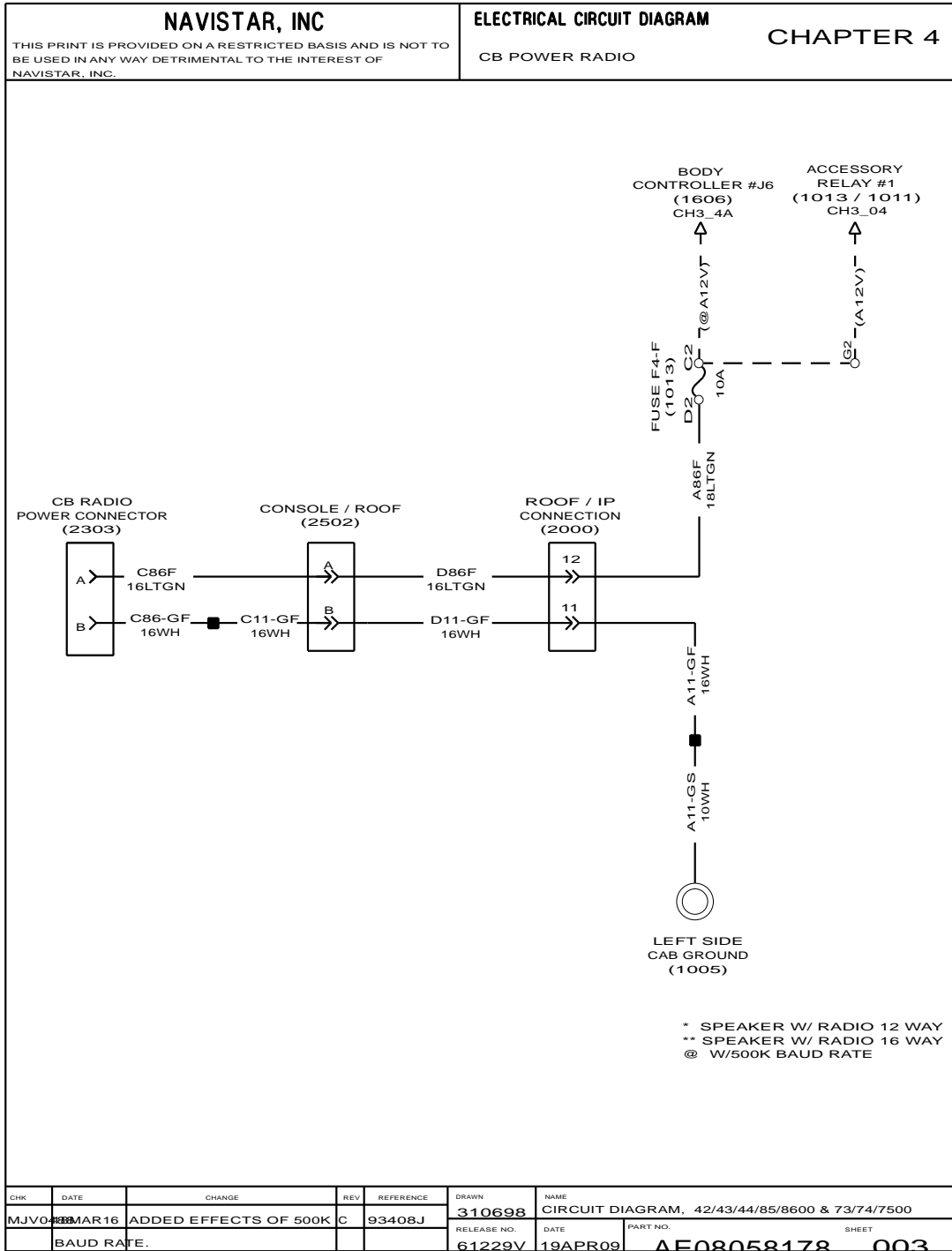


Figure 126 CB Power Radio



4.4. COMPASS DISPLAY, P. 4

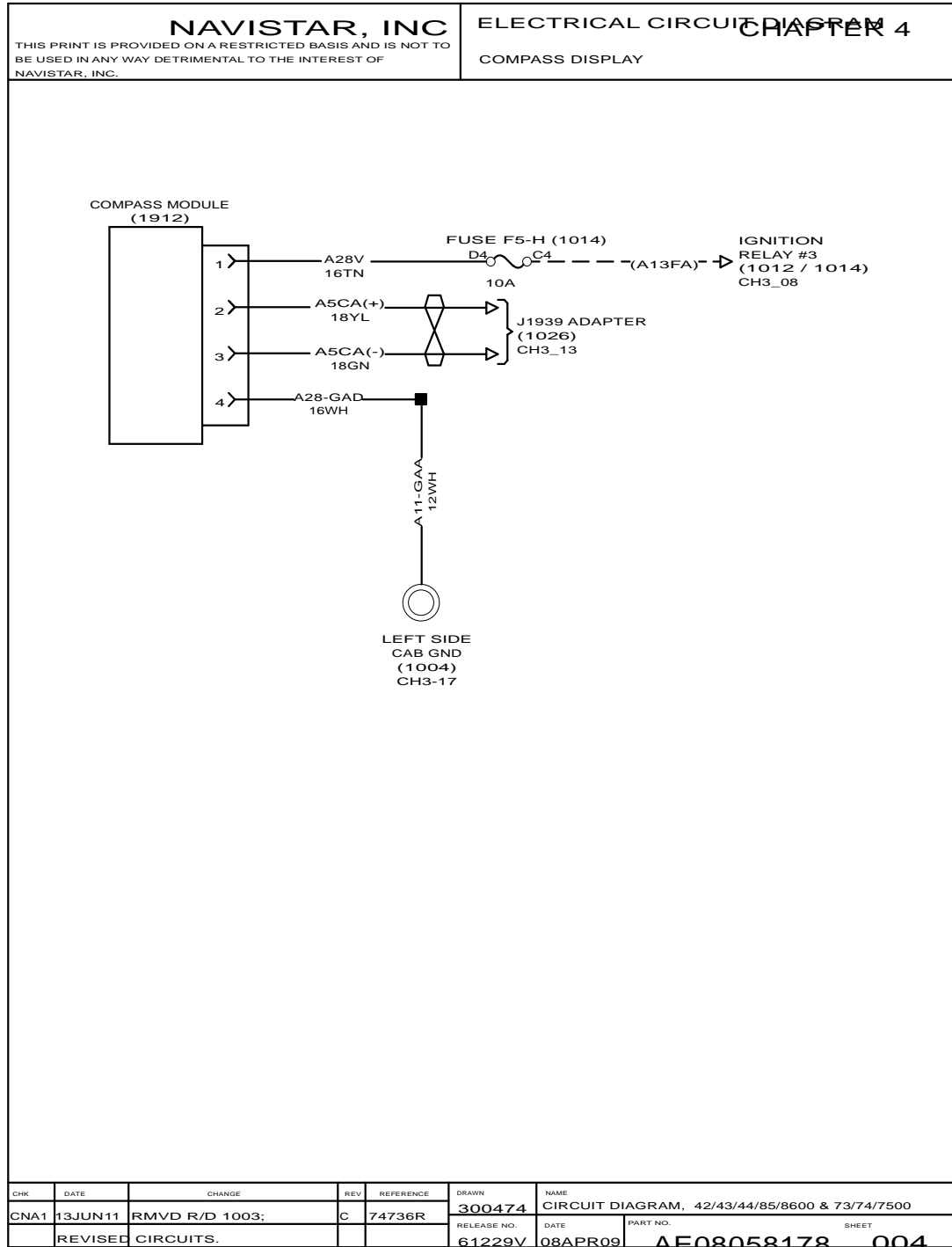


Figure 127 Compass Display

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

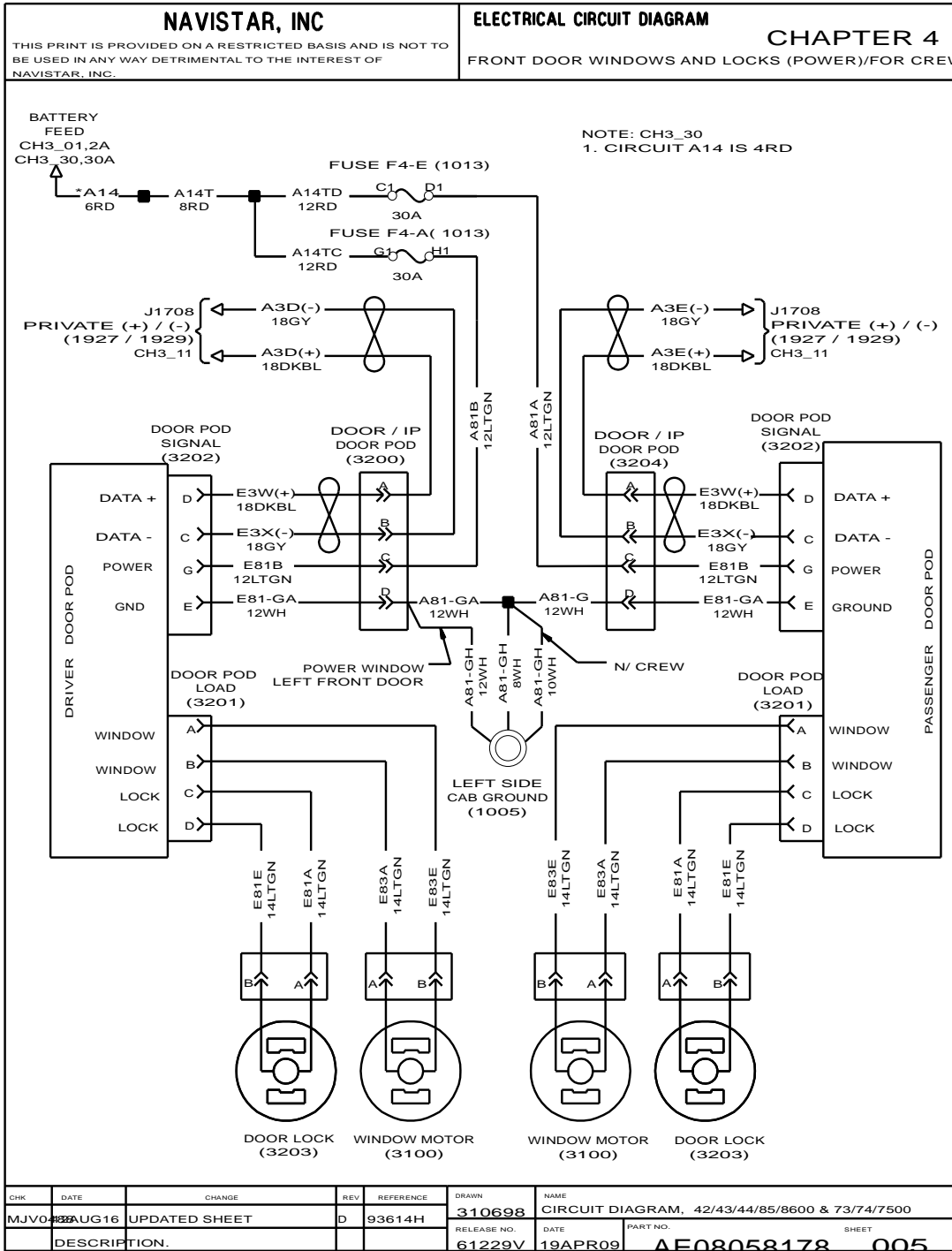


Figure 128 Front Door Windows and Locks (Power) for Crew

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

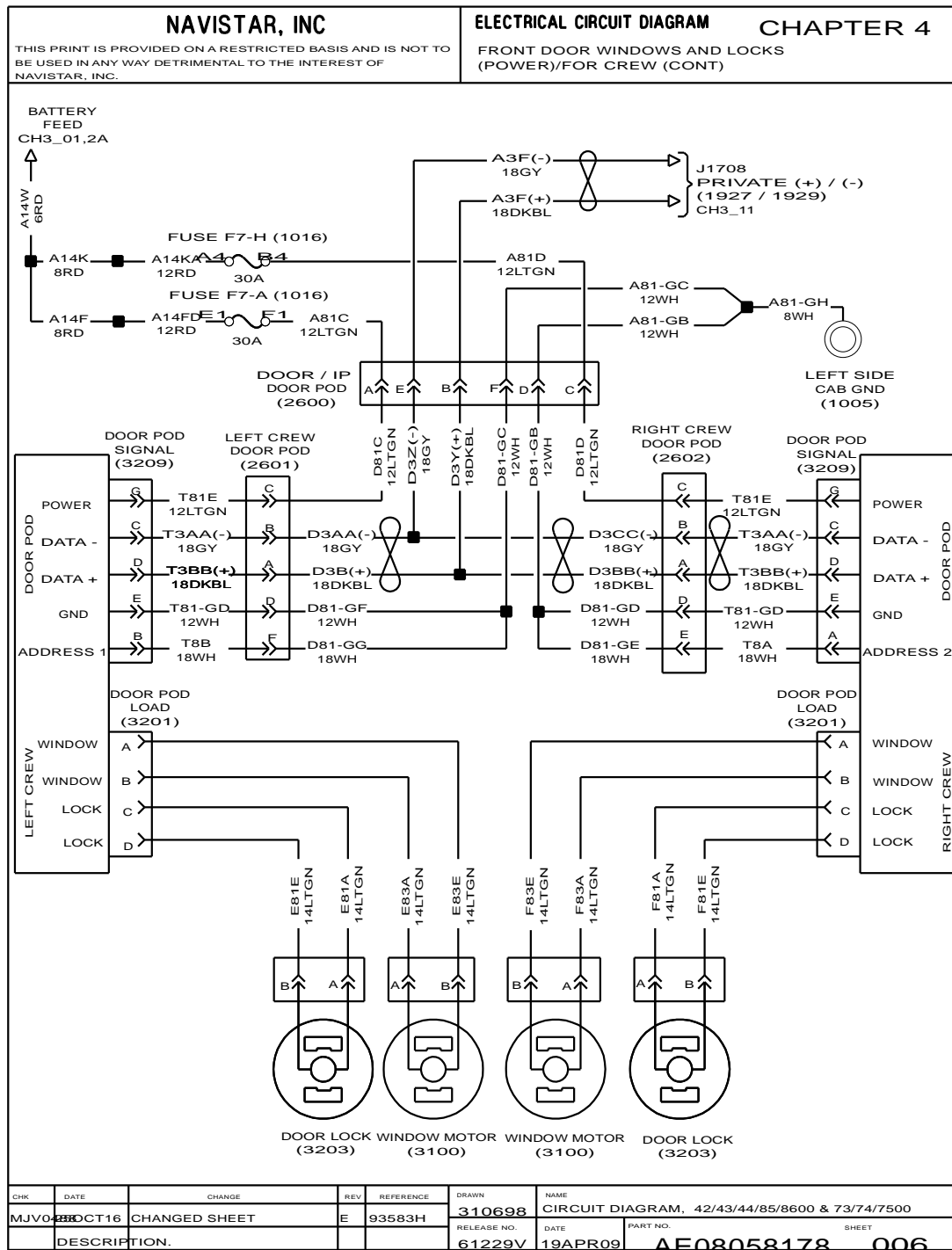


Figure 129 Front Door Windows and Locks (Power) for Crew (Cont.)

4.7. HORN, ELECTRIC AND AIR, P. 7

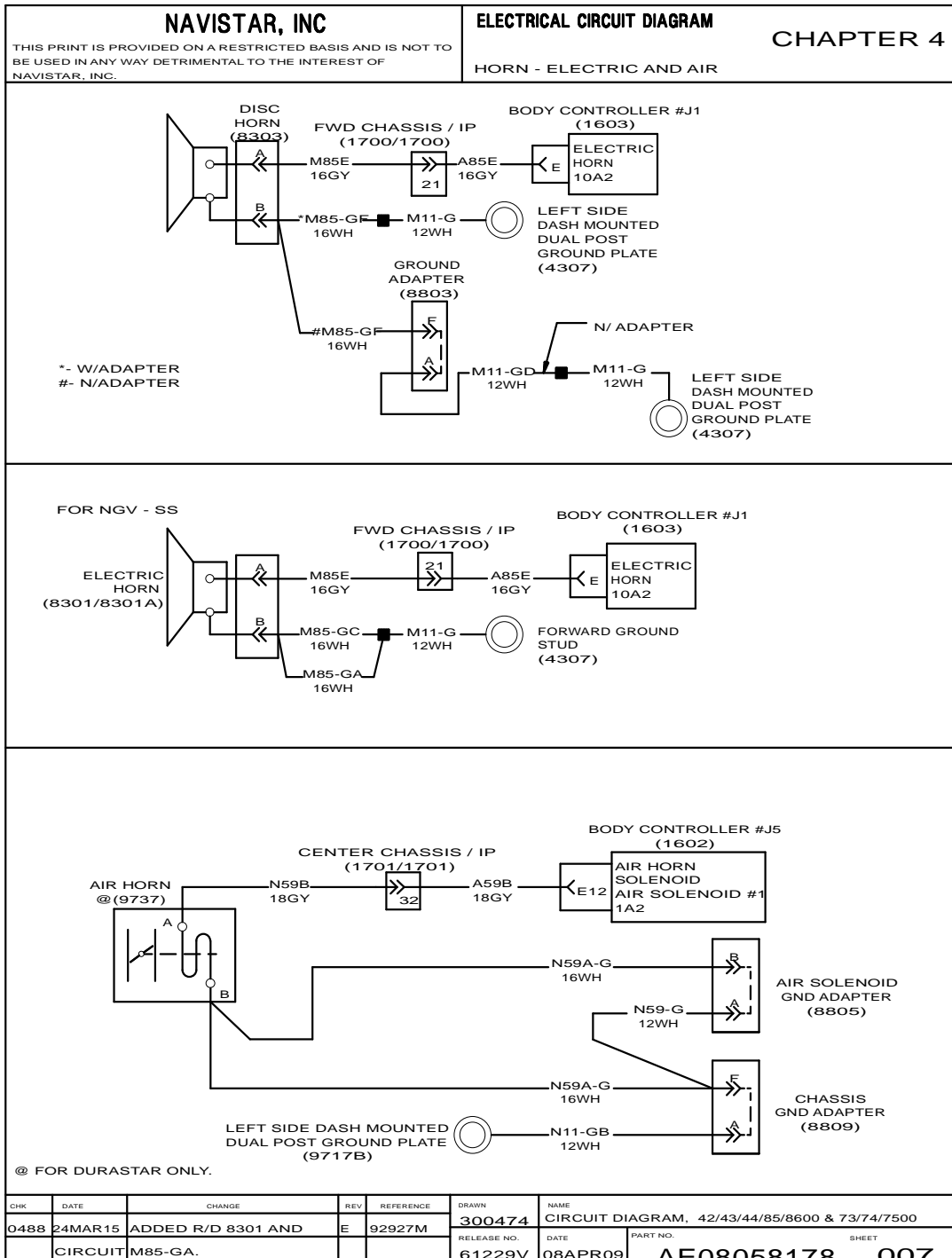


Figure 130 Horn, Electric and Air

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

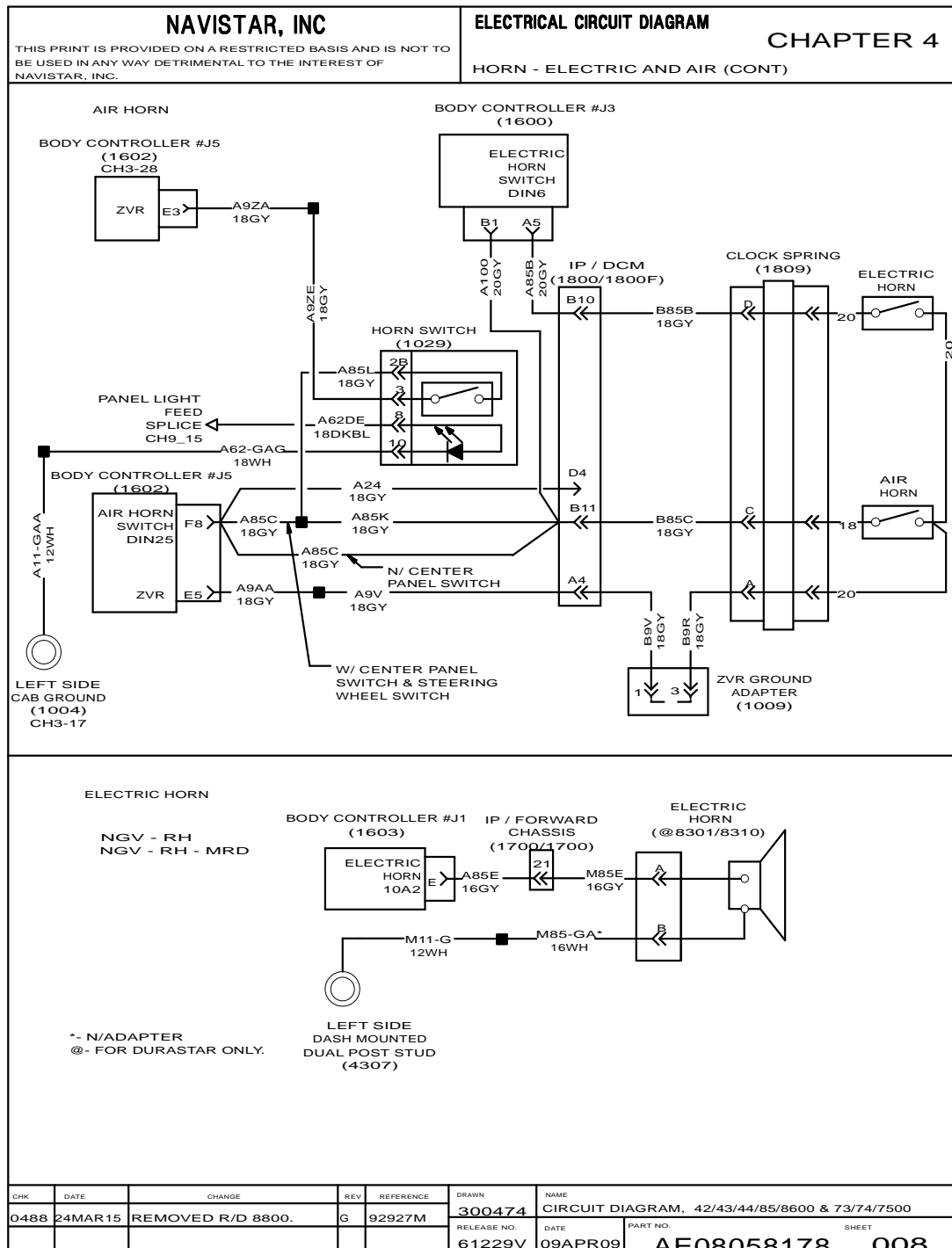


Figure 131 Horn, Electric and Air (Cont.)

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

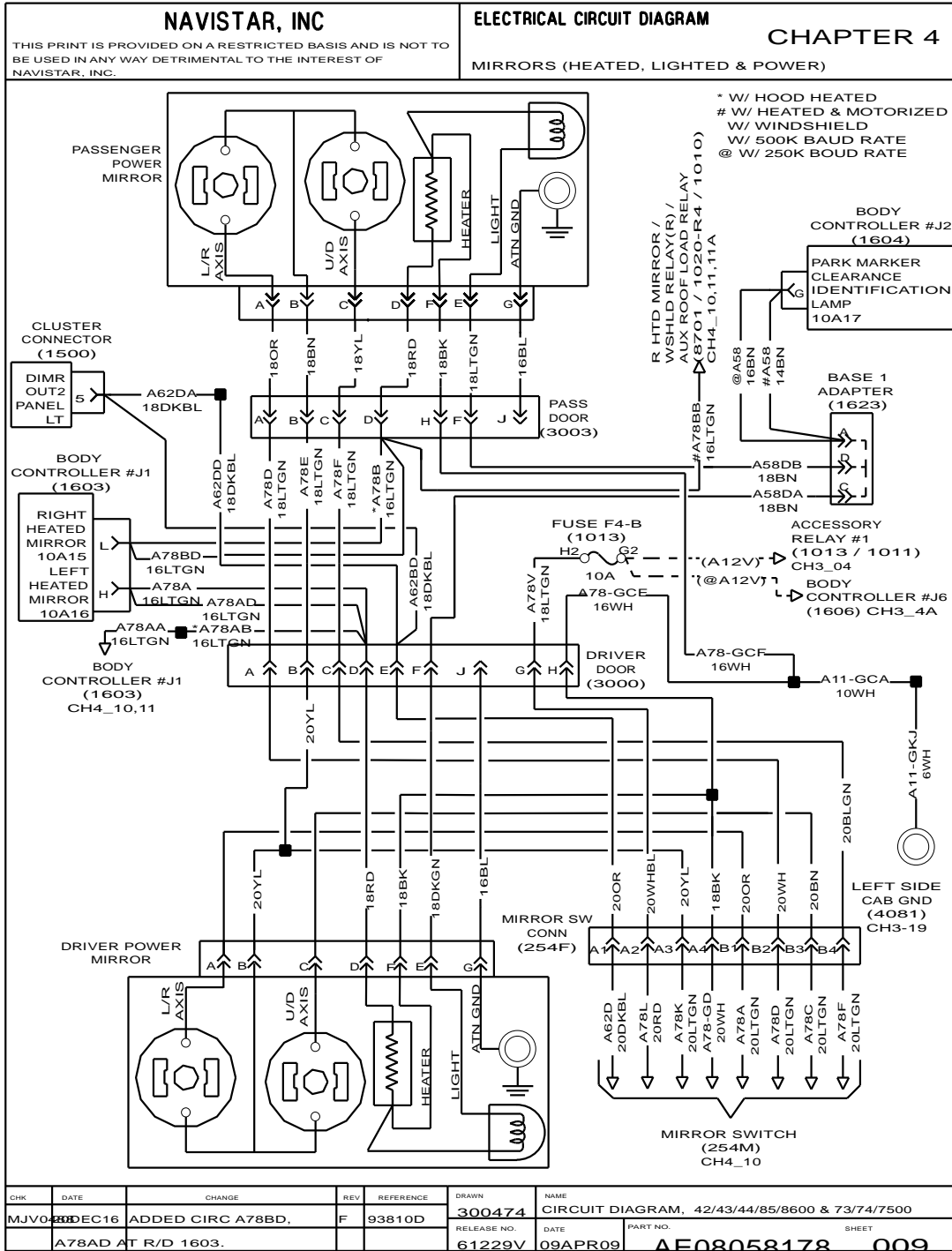


Figure 132 Mirrors (Heated, Lighted and Power)

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

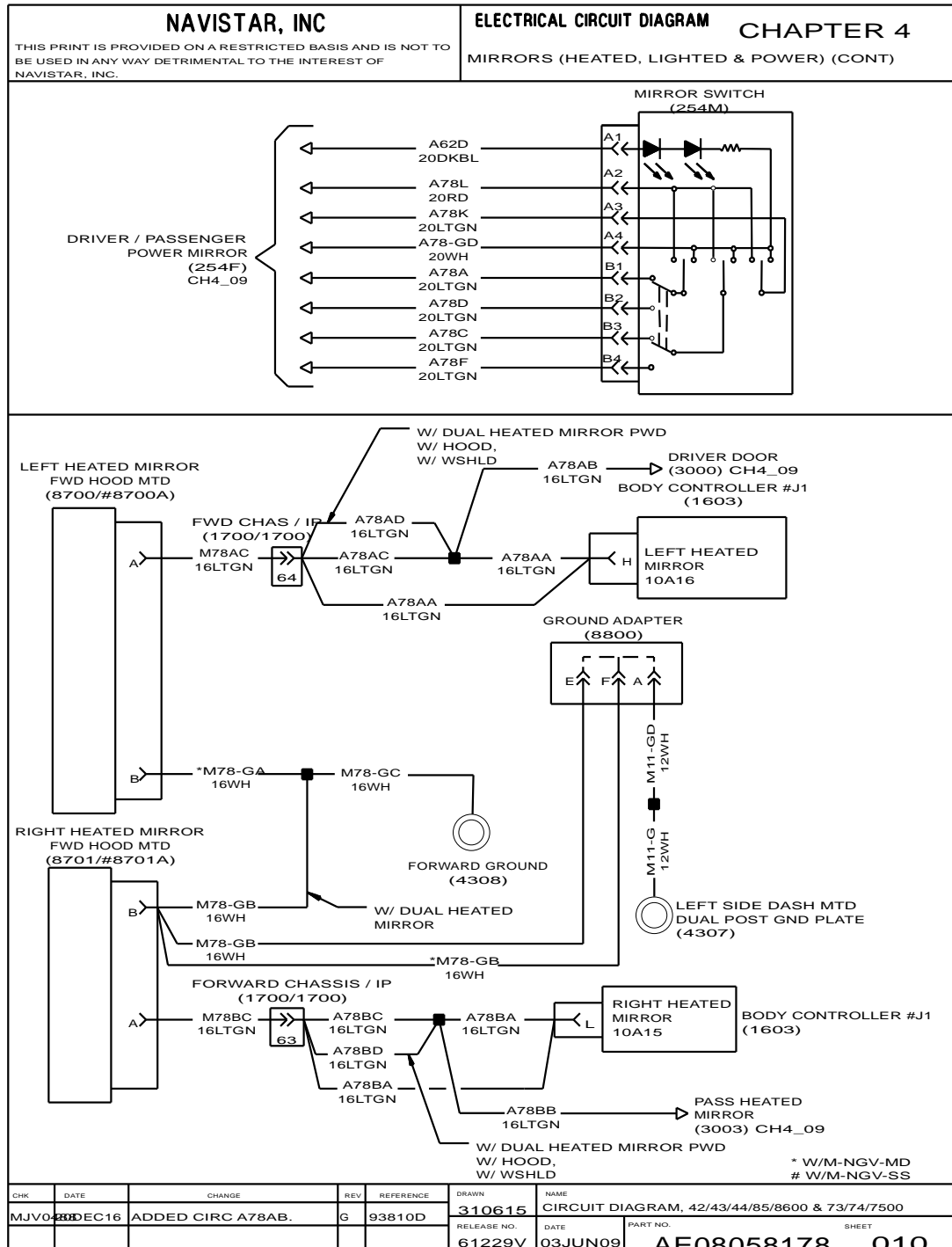


Figure 133 Mirrors (Heated, Lighted and Power) (Cont.)

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

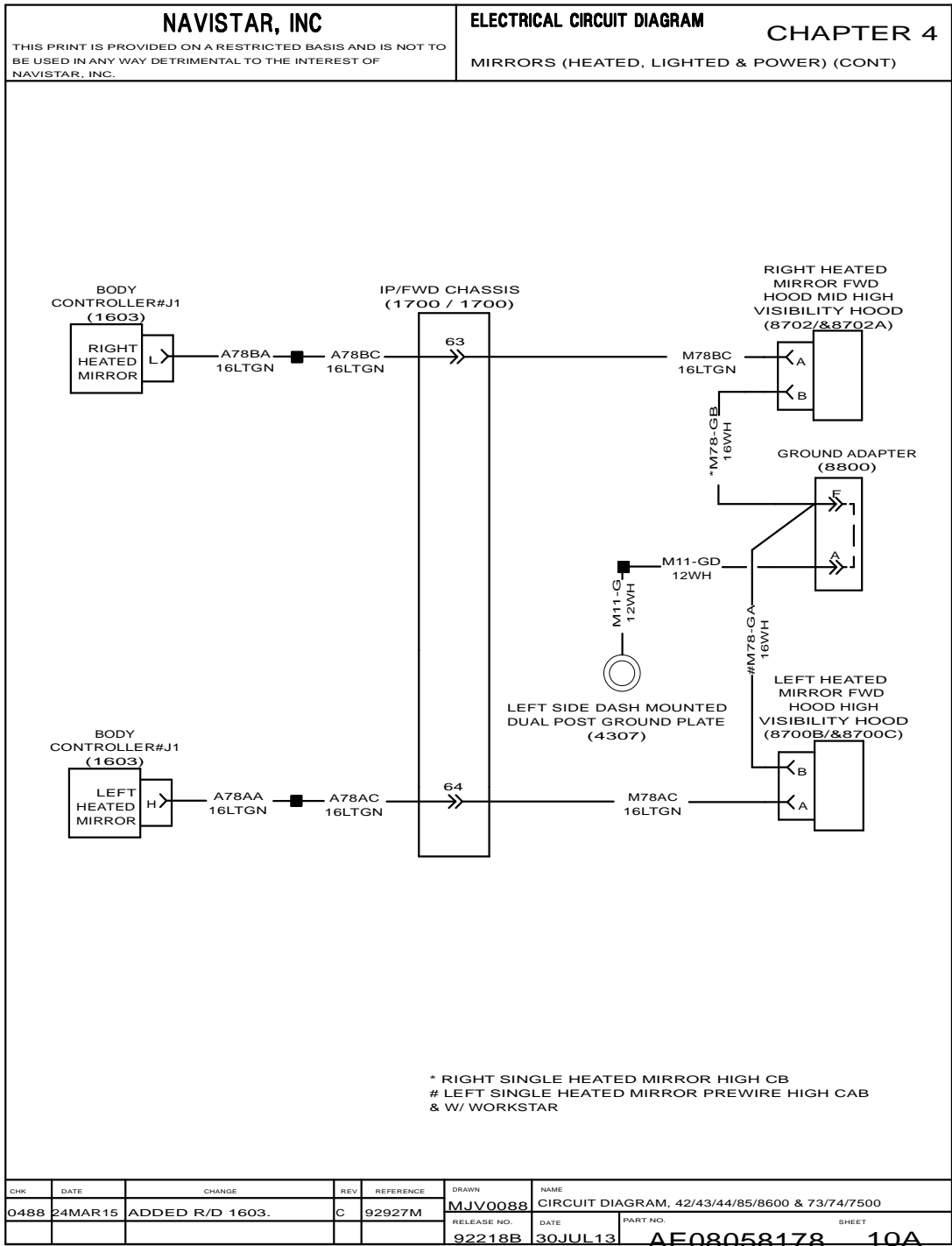


Figure 134 Mirrors (Heated, Lighted and Power) (Cont.)



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

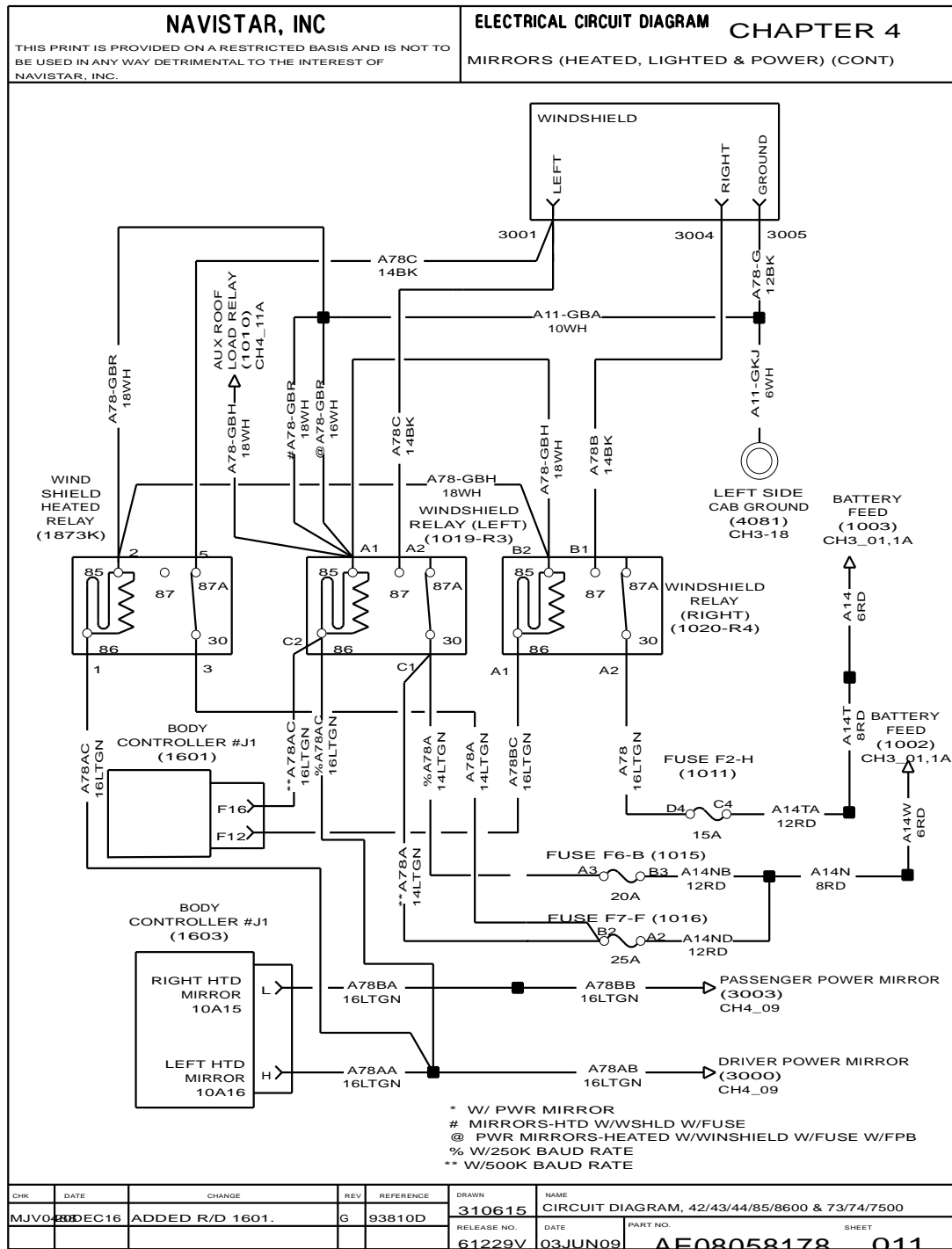


Figure 135 Mirrors (Heated, Lighted, Power and Heated Windshield) (Cont.)

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

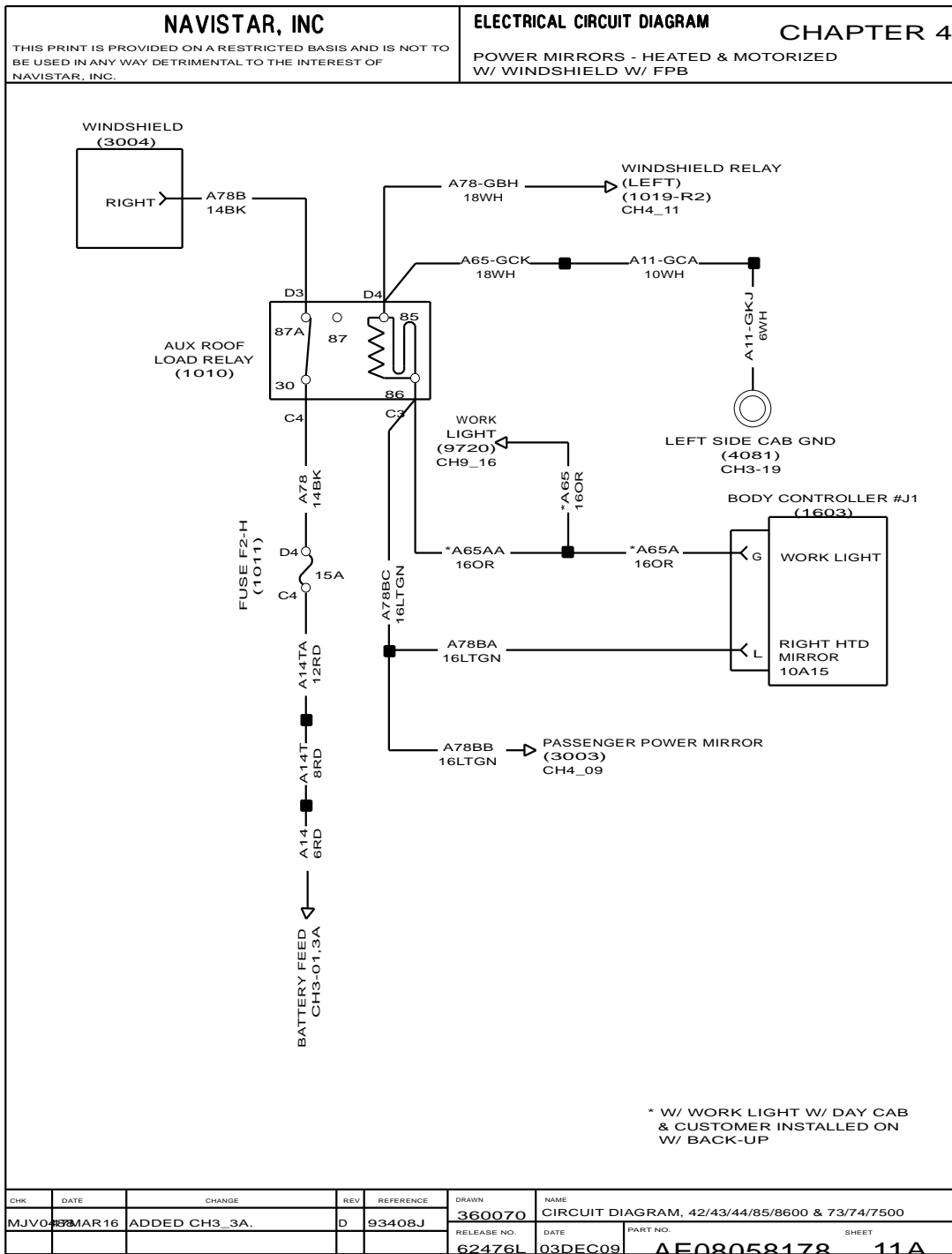


Figure 136 Power Mirrors – Heated and Motorized with Windshield with FPB



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

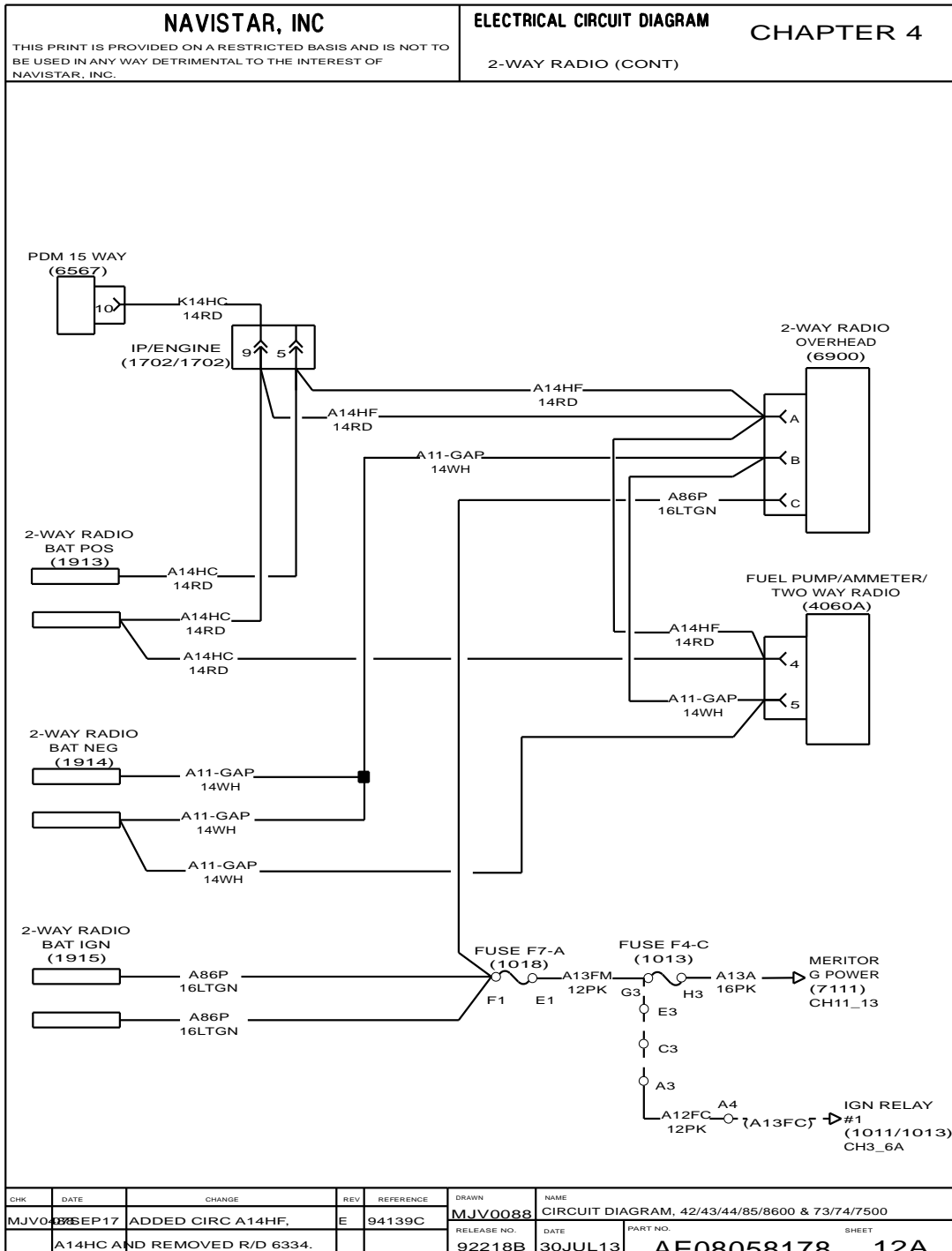


Figure 138 2-Way Radio (Cont.)

4.16. WINDSHIELD WIPER, P. 13

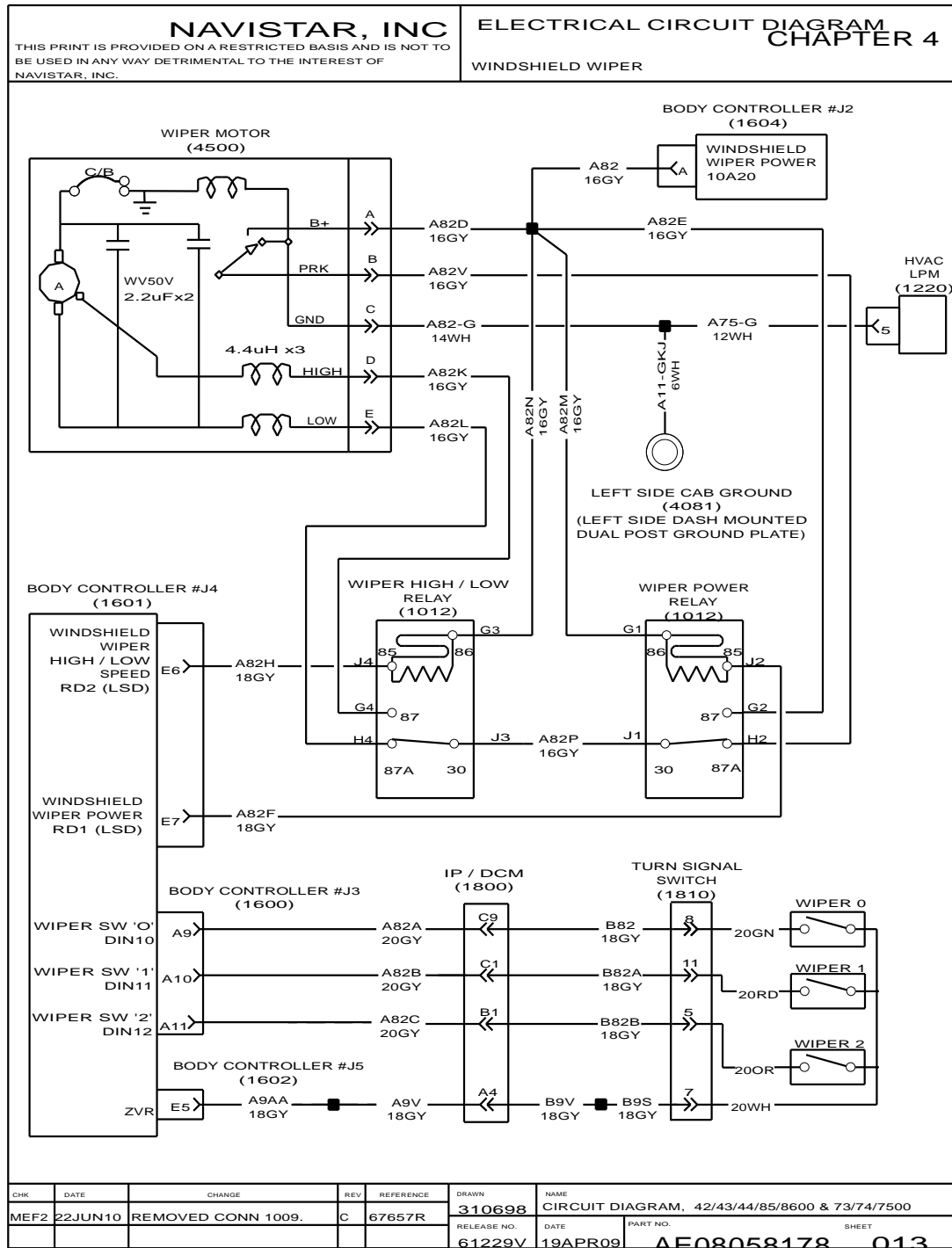


Figure 139 Windshield Wiper

4.17. WASHER PUMP, P. 14

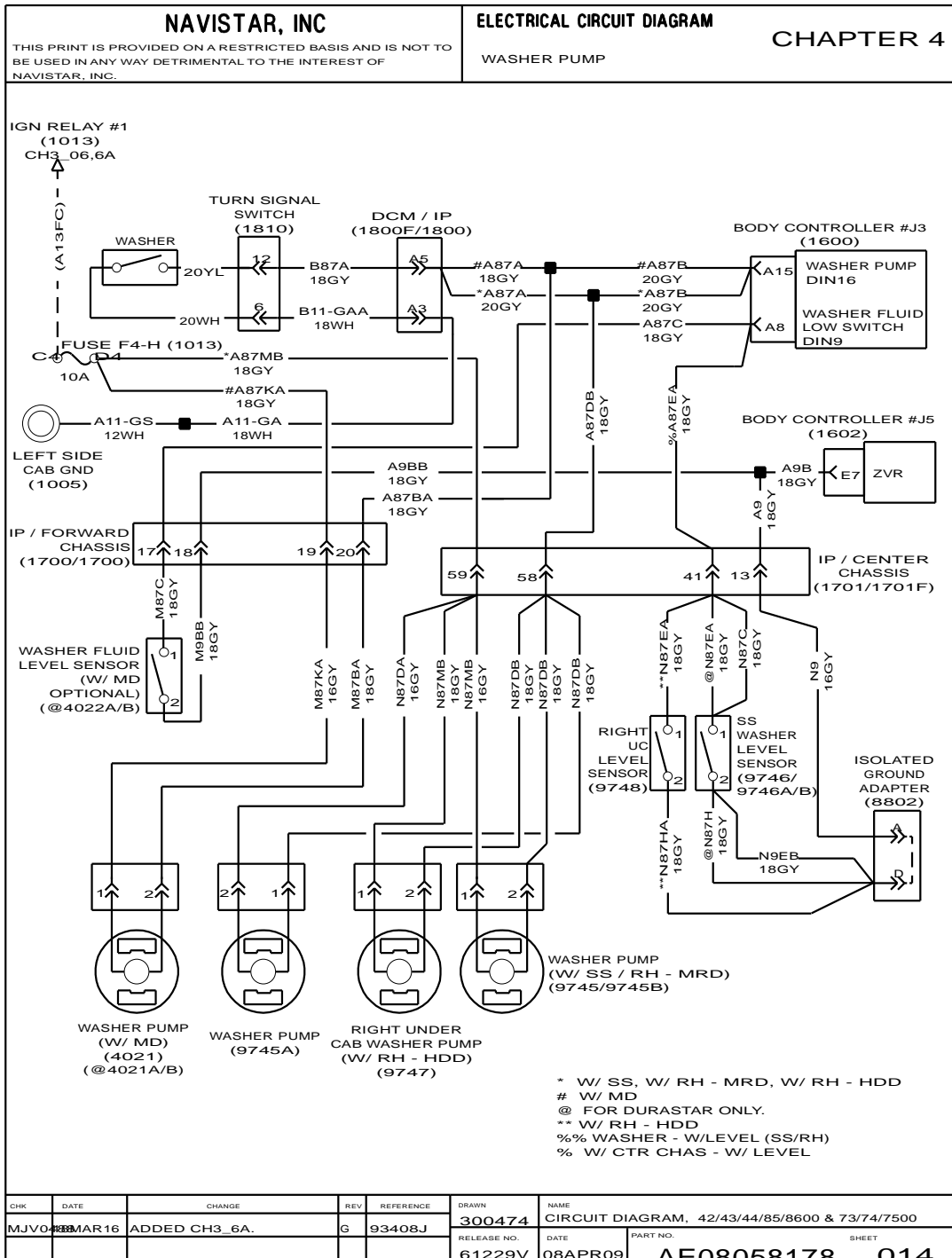


Figure 140 Washer Pump

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

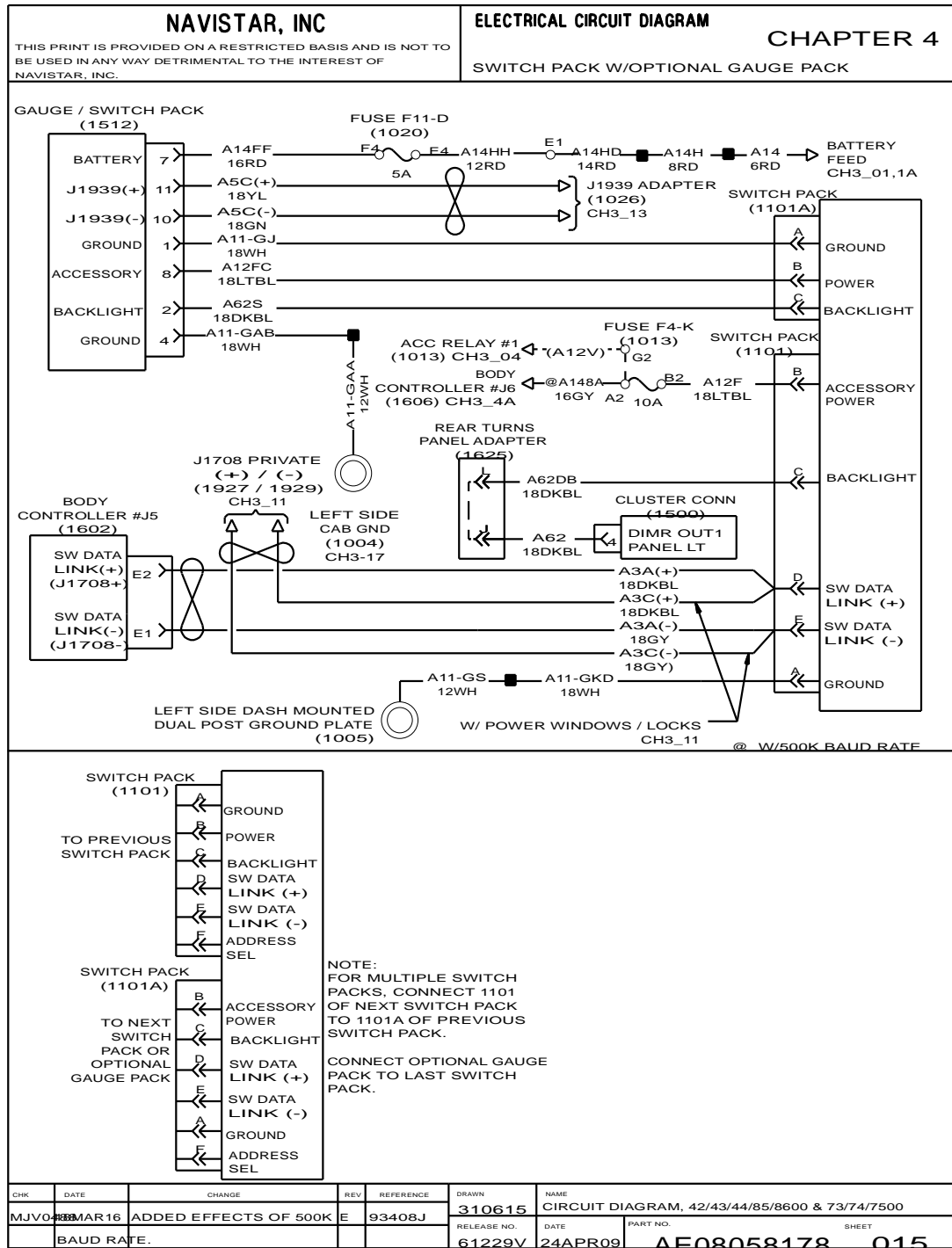


Figure 141 Switch Pack with Optional Gauge Pack

4.19. ROOF AUXILIARY LOAD, P. 16

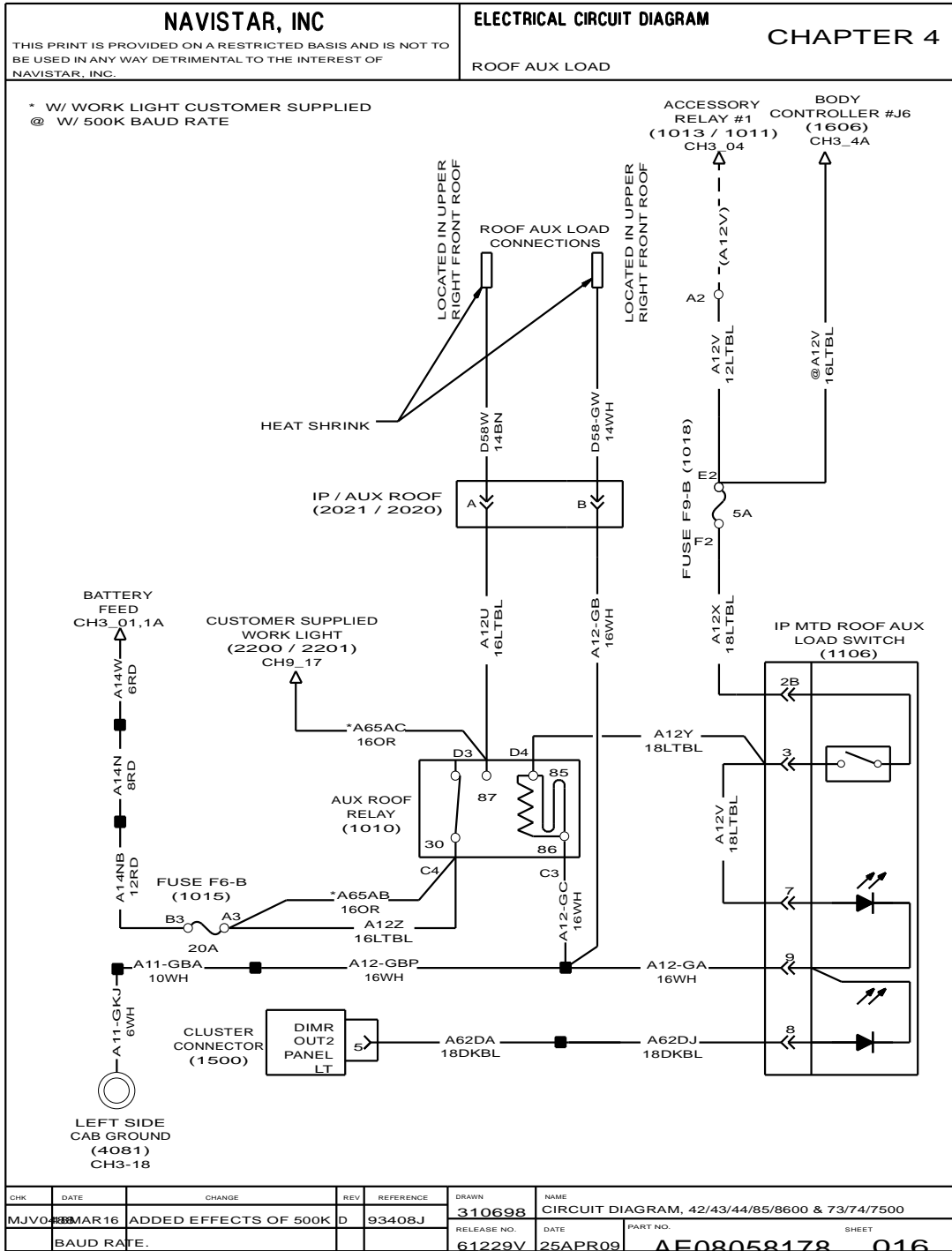


Figure 142 Roof Auxiliary Load



4.20. SATELLITE COMMUNICATION – QUALCOMM IMCT, P. 17

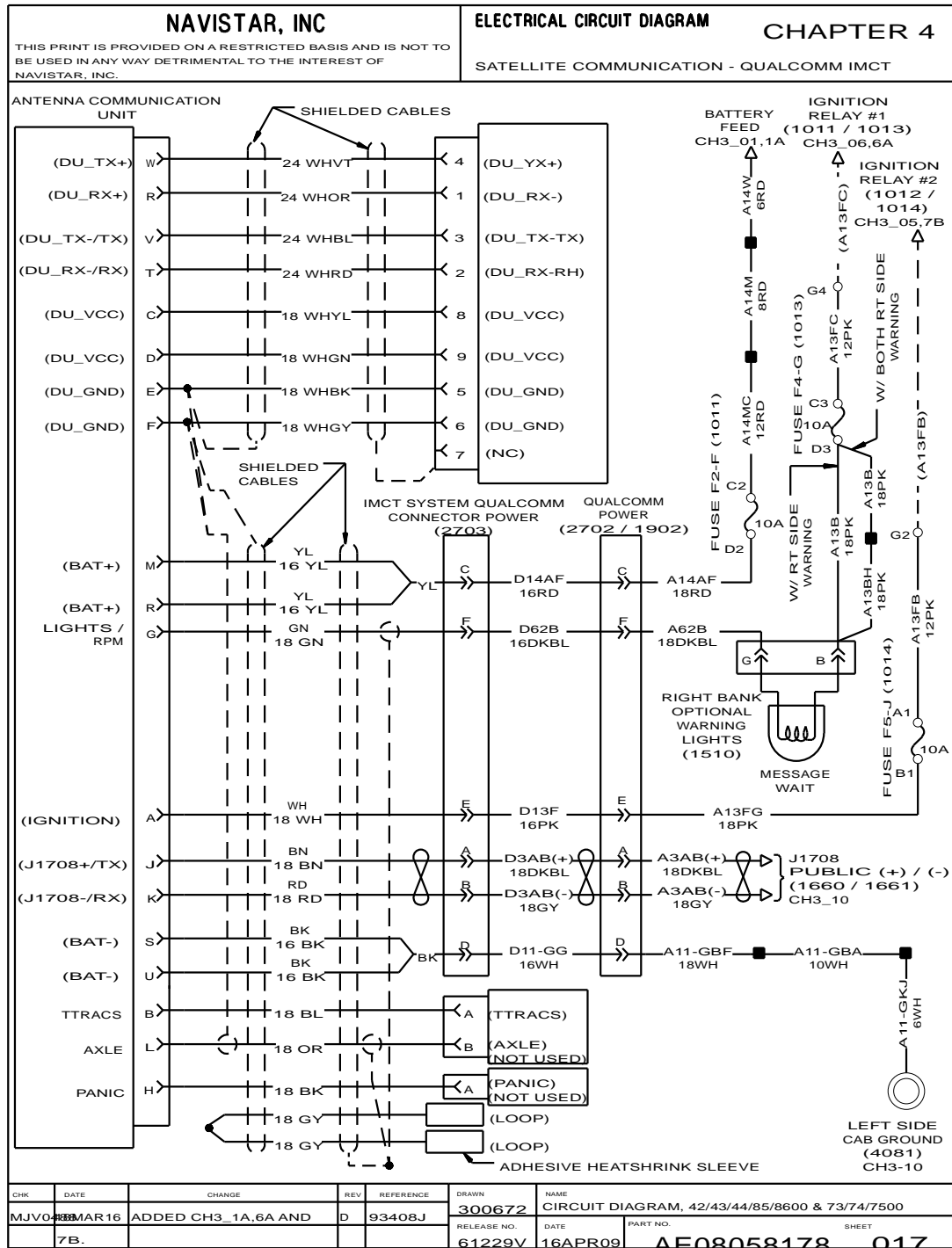


Figure 143 Satellite Communication – Qualcomm IMCT

4.21. SATELLITE COMMUNICATION – TRIPMASTER, P. 18

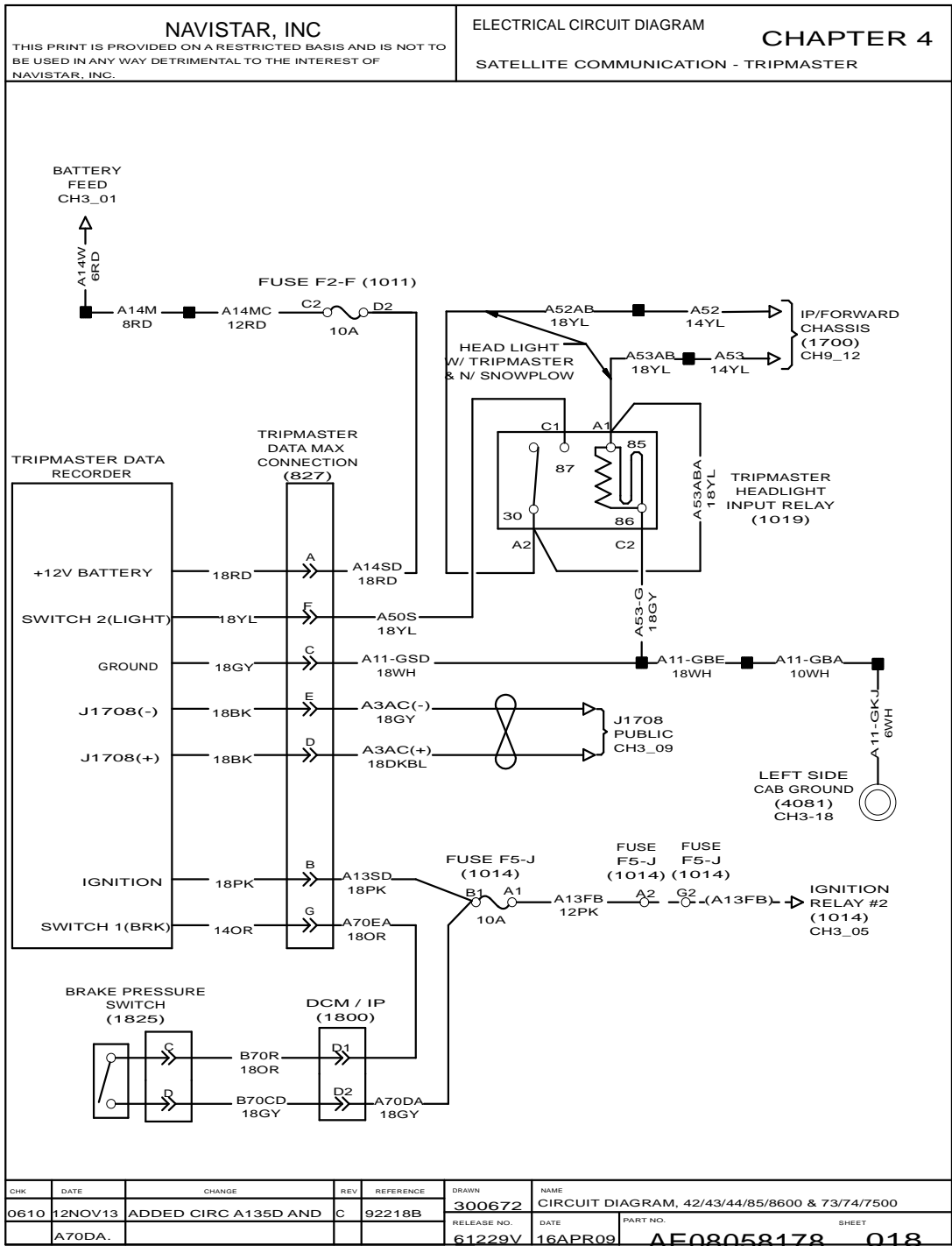


Figure 144 Satellite Communication – Tripmaster

4.22. COMPUTER PREWIRED – XATA SYSTEM, P. 19

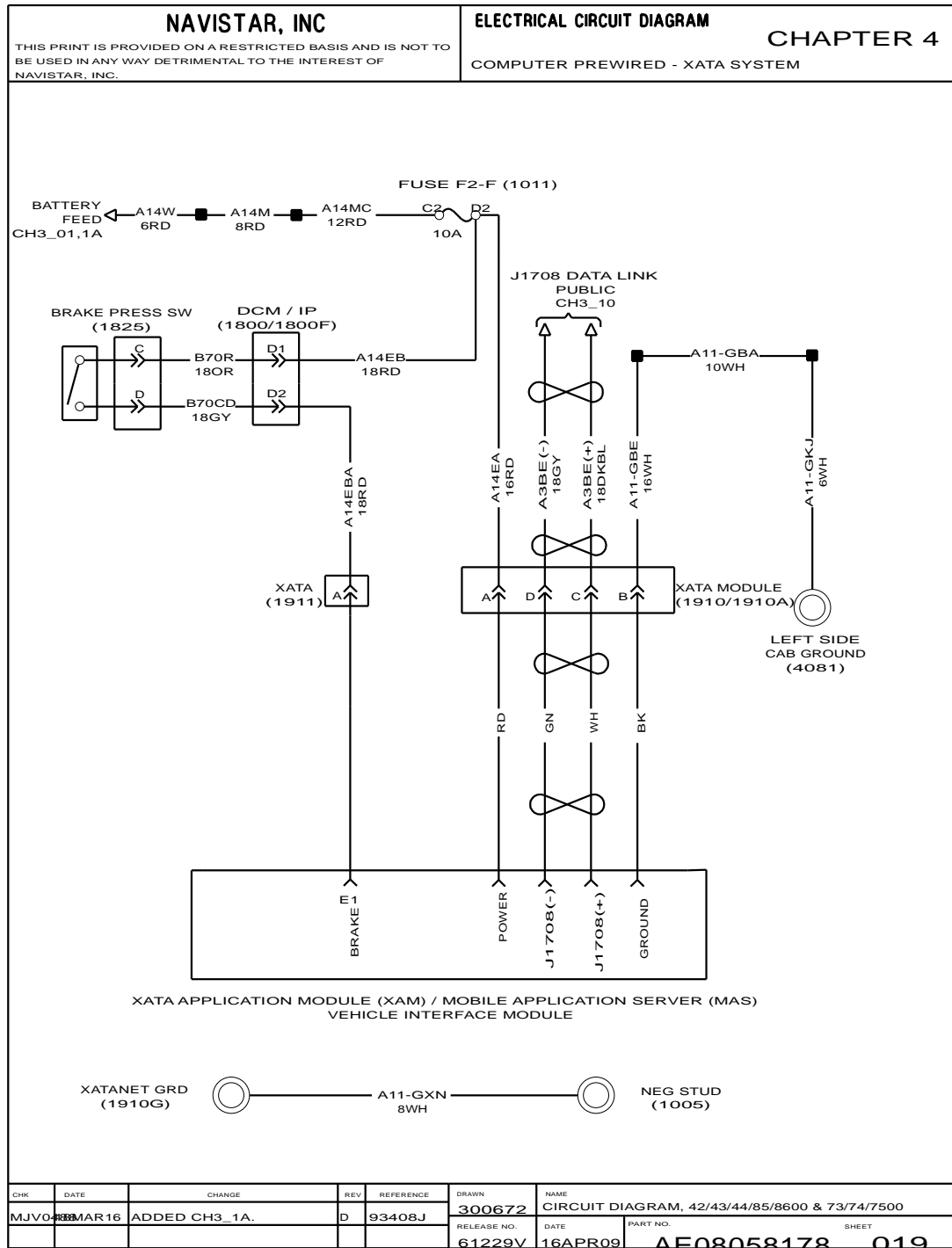
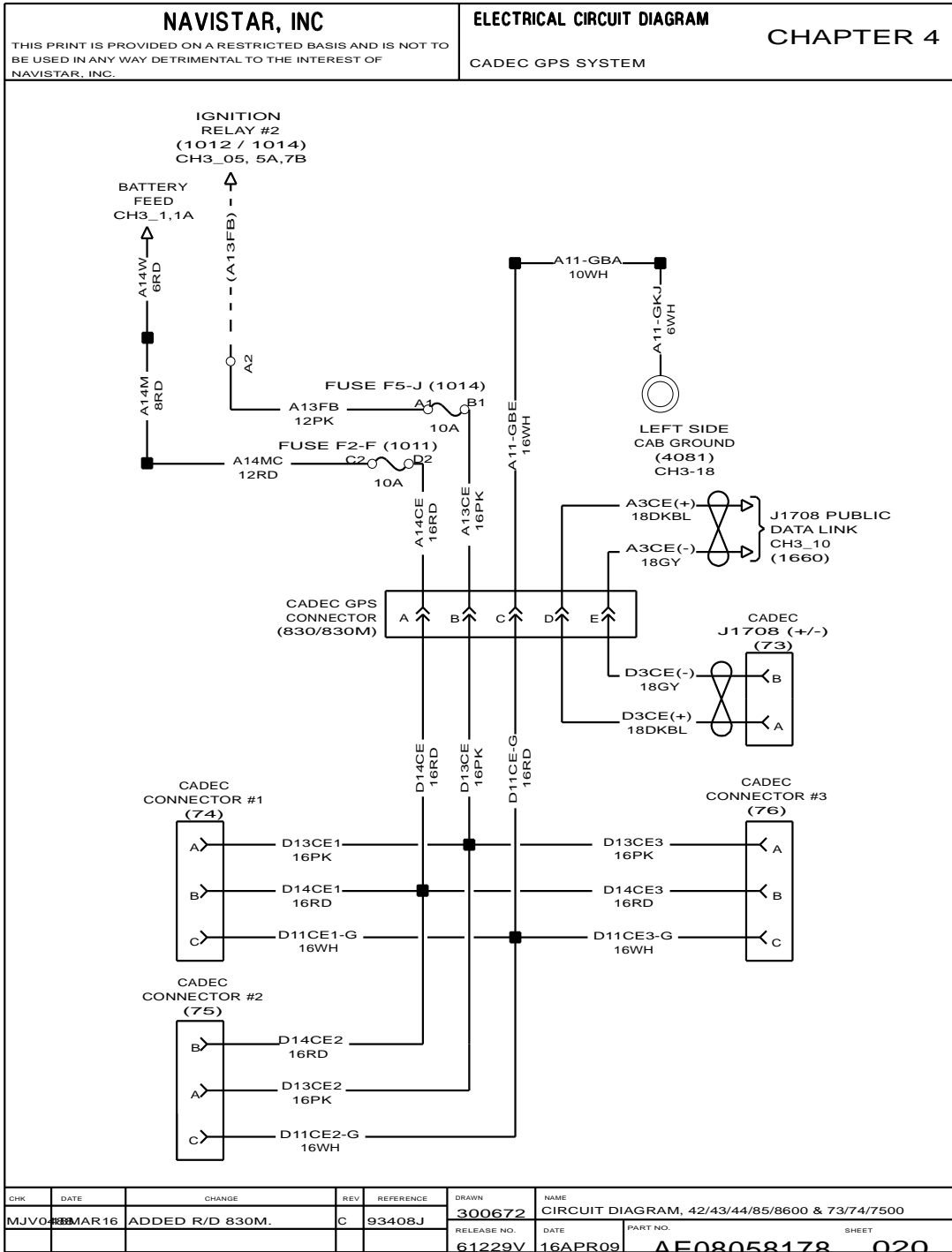


Figure 145 Computer Prewired – XATA System

4.23. CADEC GPS SYSTEM, P. 20



CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJVO	16MAR16	ADDED R/D 830M.	C	93408J	300672	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO. 61229V	DATE 16APR09
						PART NO. AE08058178
						SHEET 020

Figure 146 Cadec GPS System

4.24. SATELLITE COMMUNICATION – MOBILEMAX, P. 21

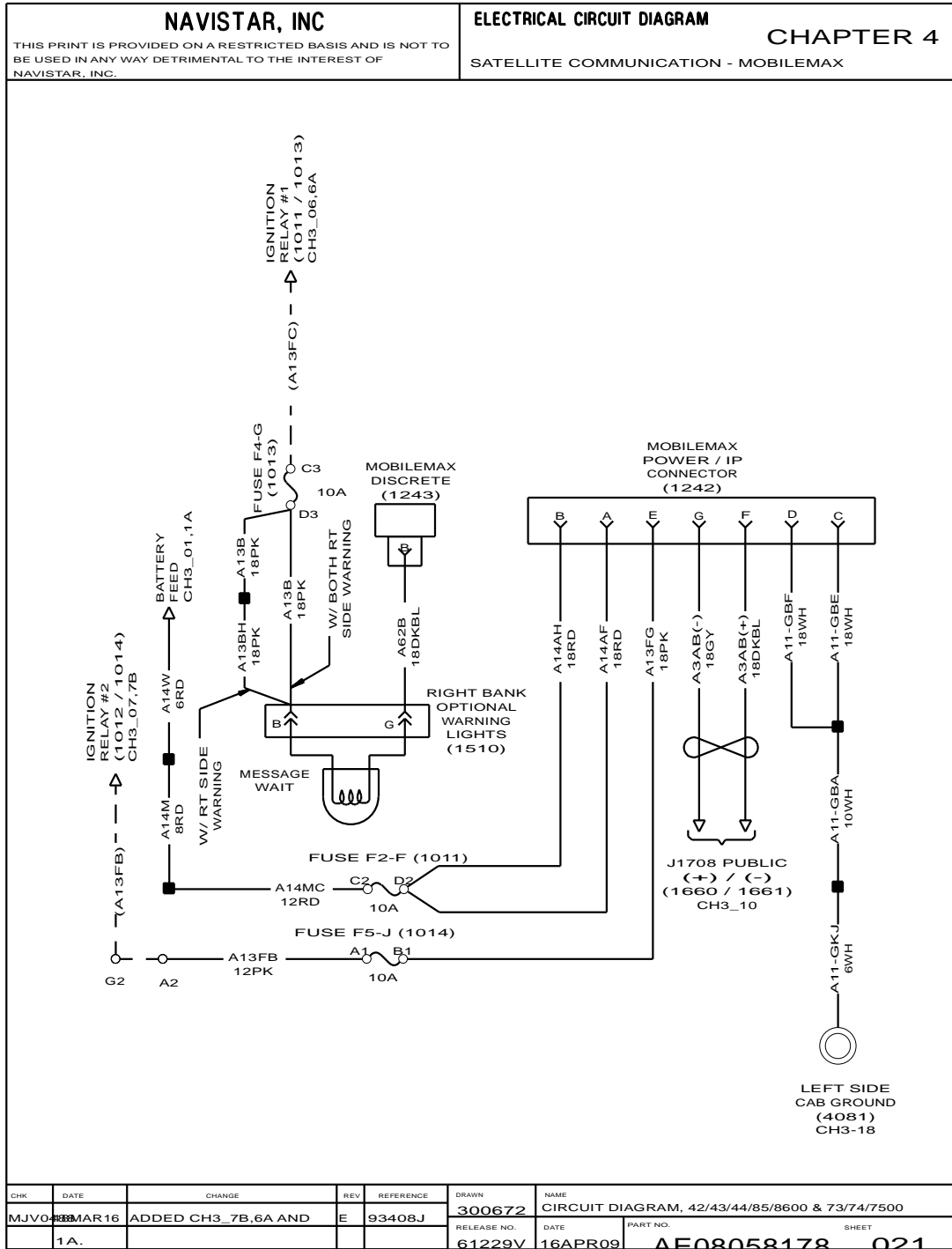


Figure 147 Satellite Communication – MobileMax

4.25. SELF CONTAINED AIR SEAT, P. 22

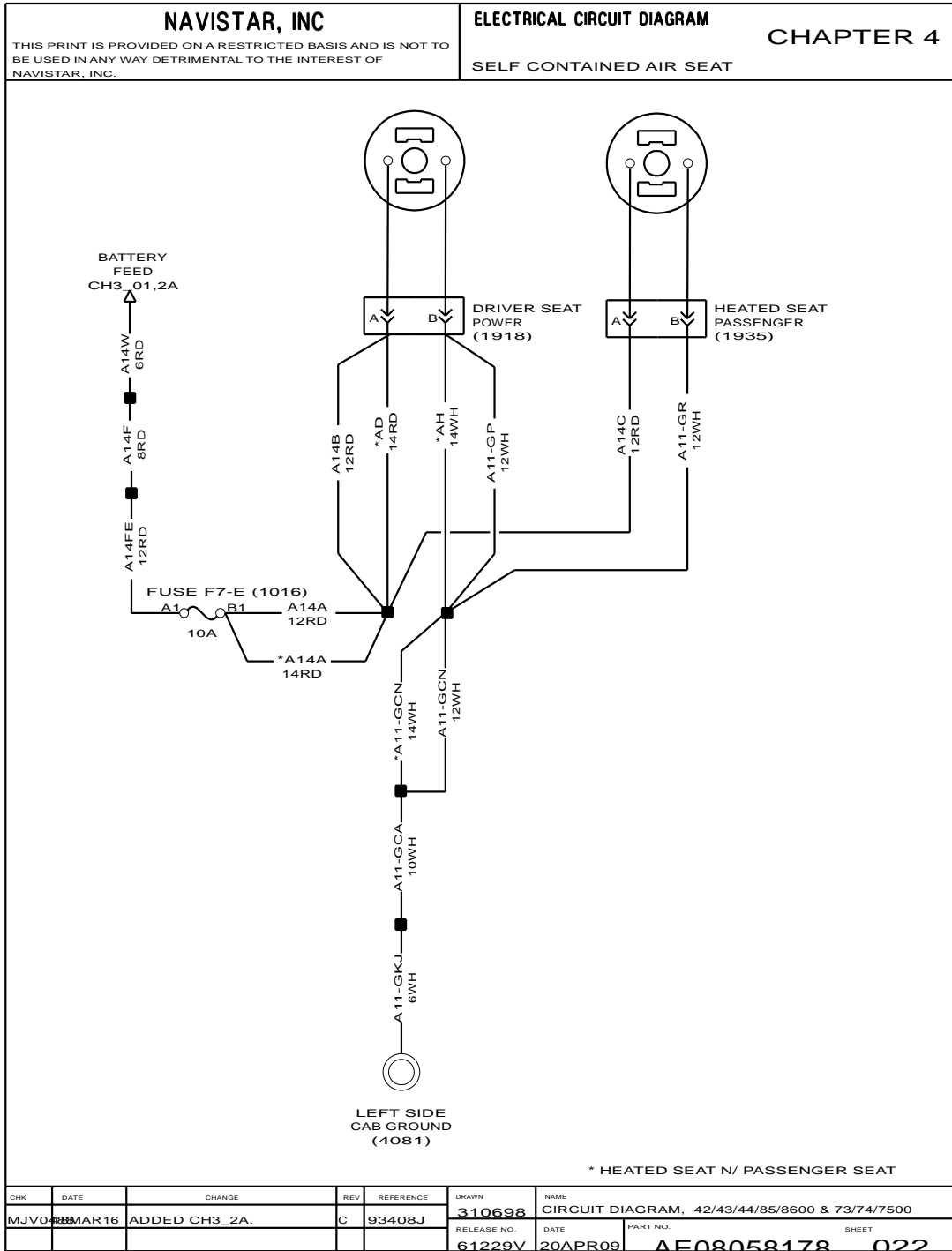


Figure 148 Self Contained Air Seat

4.26. HEATED SEATS, P. 23

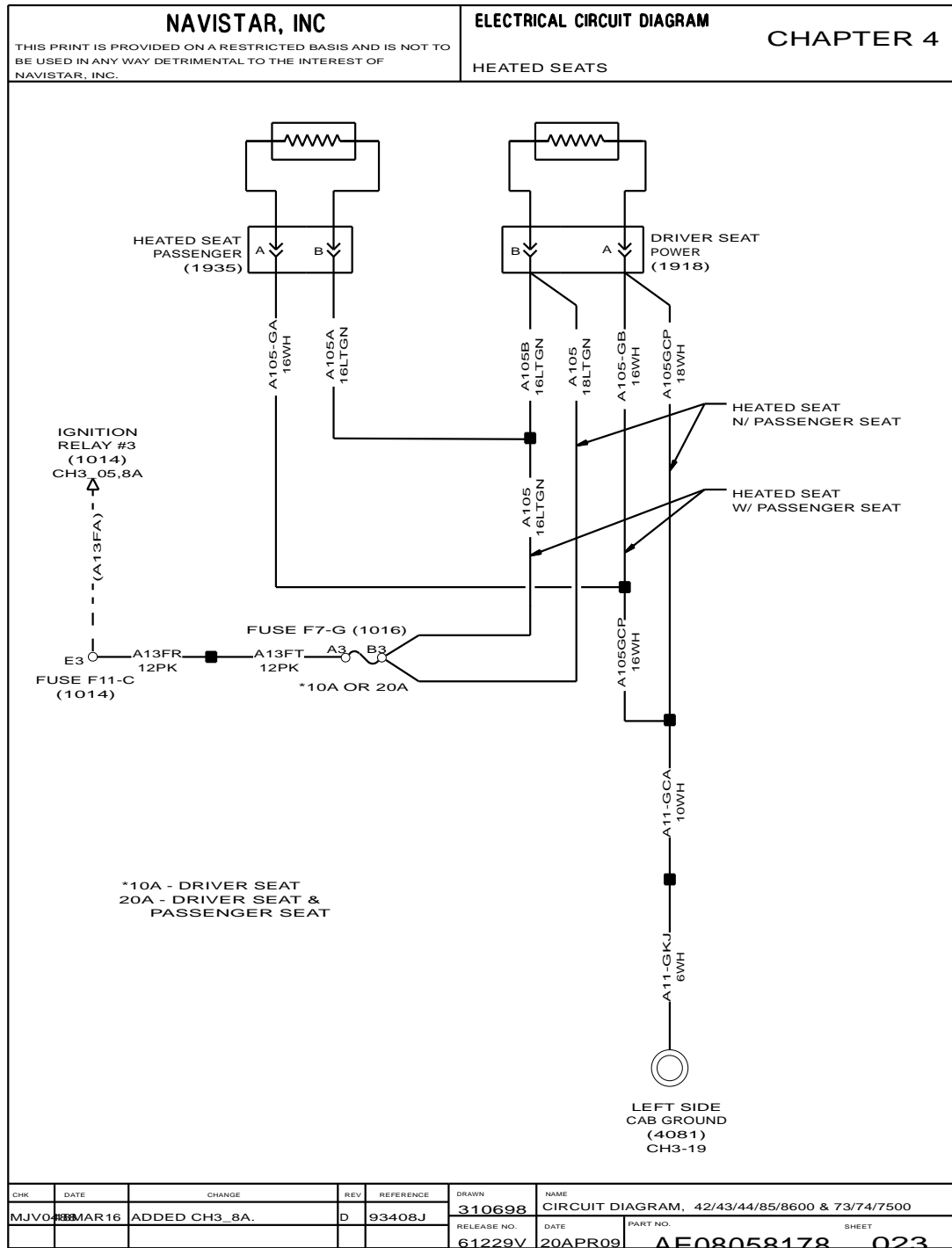


Figure 149 Heated Seats

4.27. INTENTIONALLY LEFT BLANK, P. 24

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				INTENTIONALLY LEFT BLANK	
<h1>INTENTIONALLY LEFT BLANK</h1>					
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN
0488	24JAN14	REMOVED GEOMETRY.	D	92372W	300474
					CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO. DATE PART NO. SHEET
					61229V 08APR09 AE08058178 024

Figure 150 Intentionally Left Blank



4.28. INTENTIONALLY LEFT BLANK, P. 25

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

Figure 151 Intentionally Left Blank

4.29. BACK-UP CAMERA, P. 26

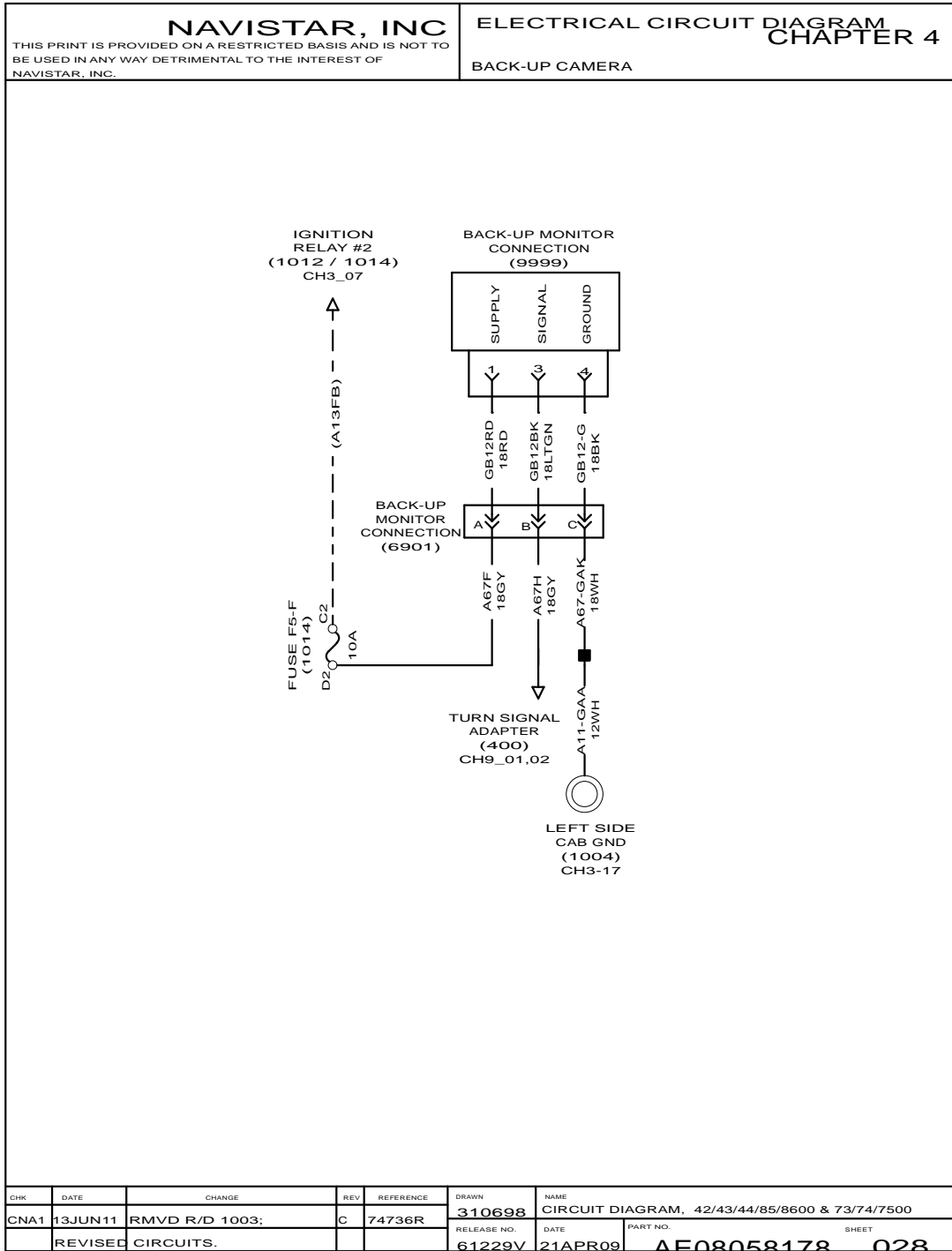


Figure 152 Back-Up Camera

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

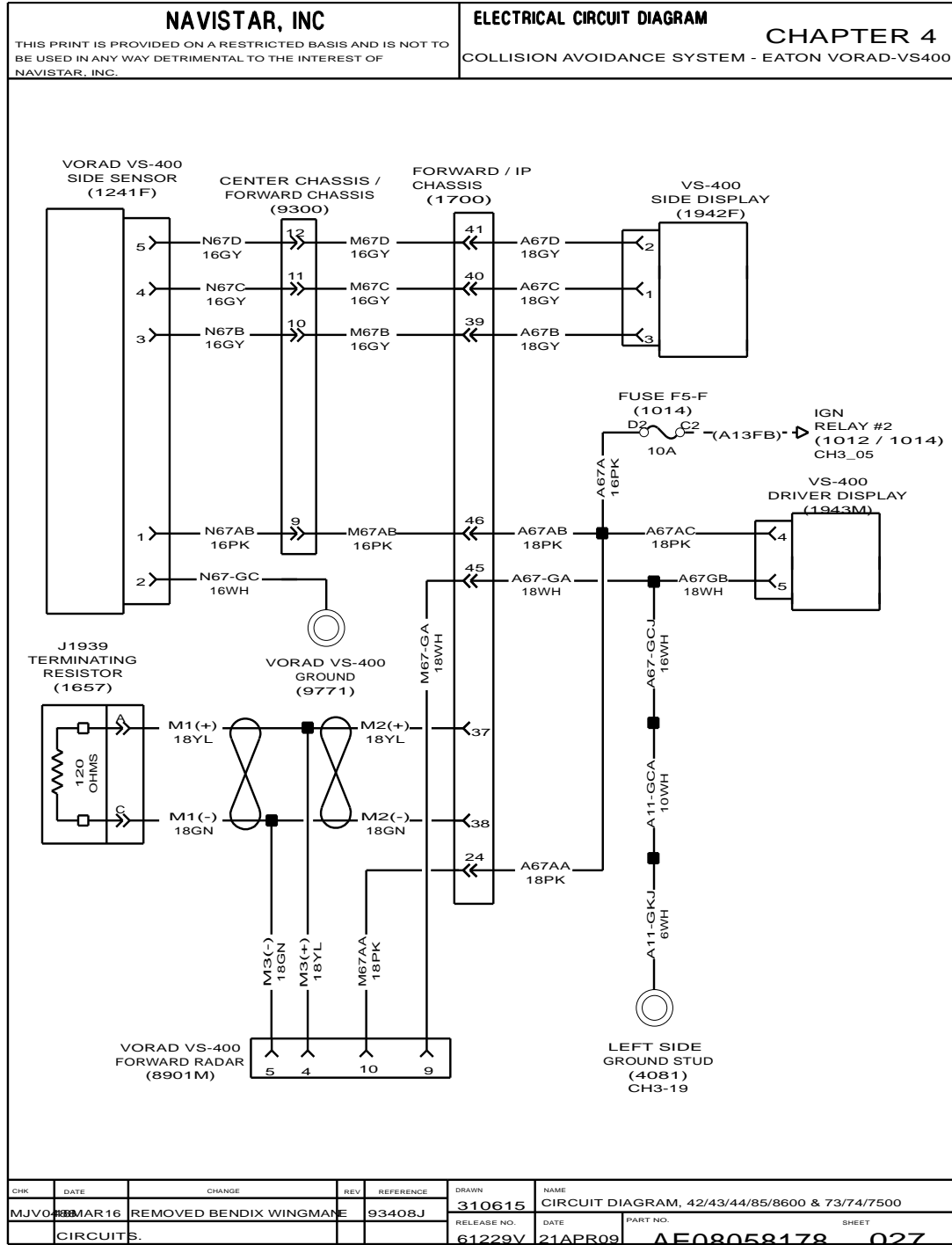


Figure 153 Eaton Vorad Collision Avoidance System VS400

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

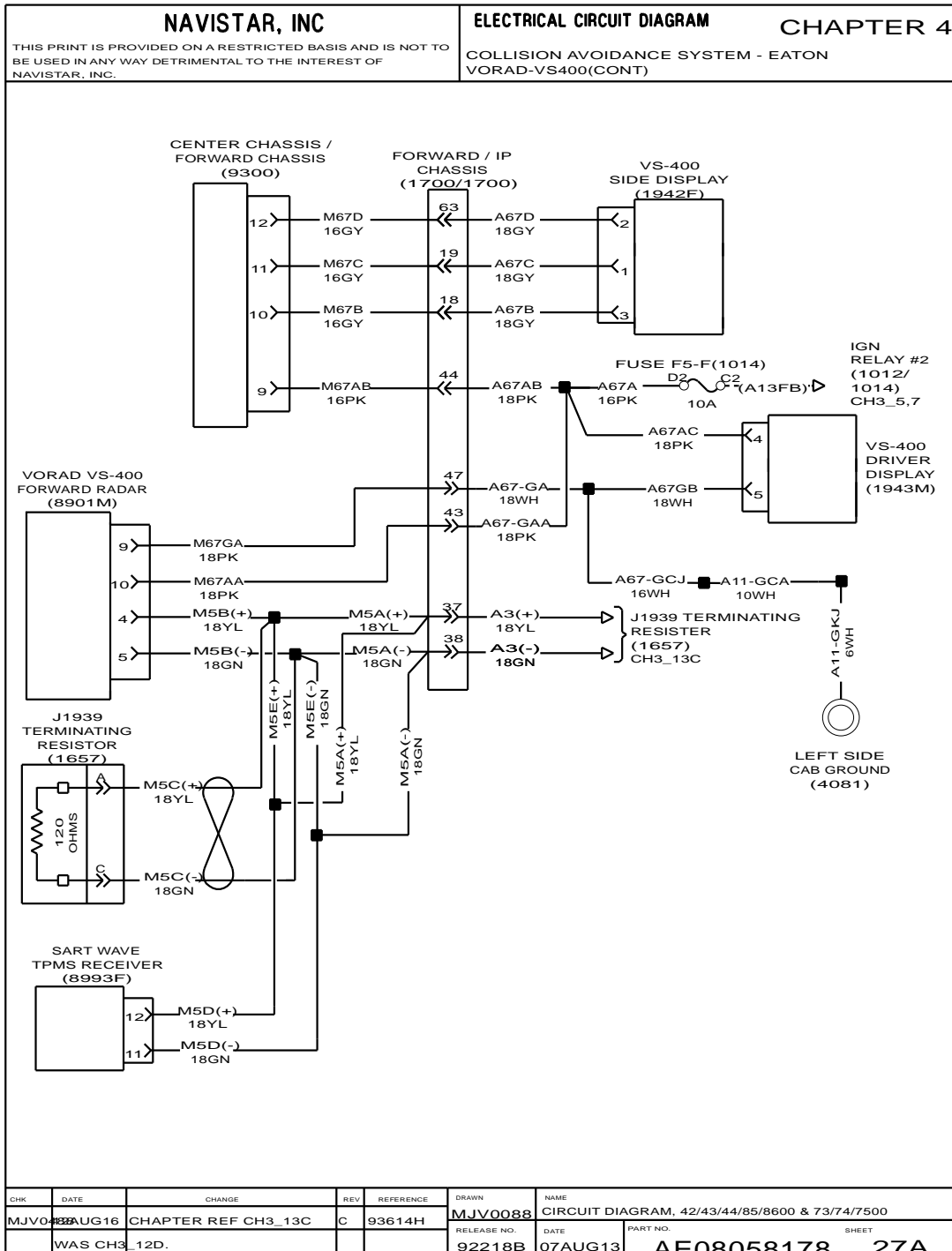


Figure 154 Eaton Vorad Collision Avoidance System VS400 (Cont.)

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

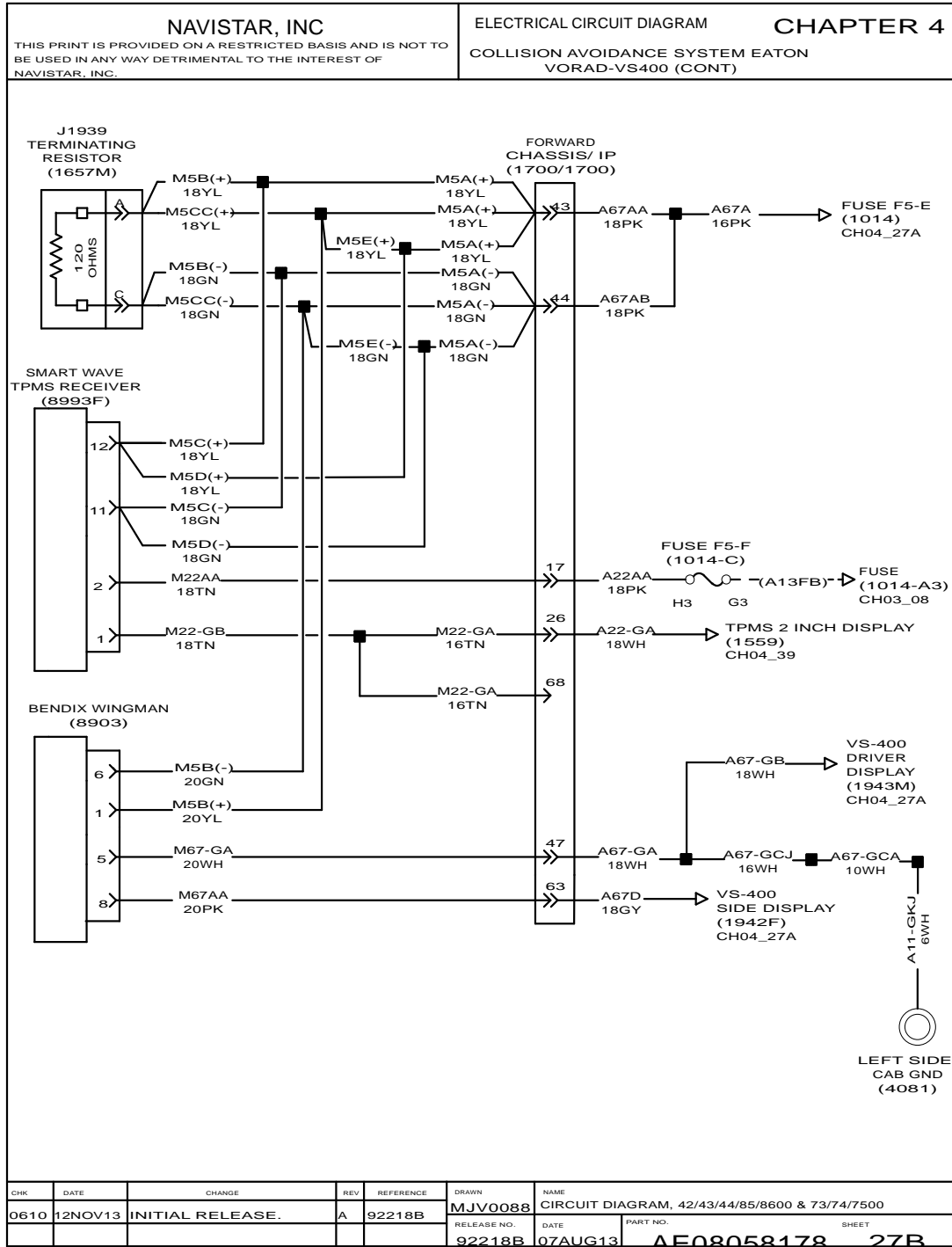


Figure 155 Eaton Vorad Collision Avoidance System VS400 (Cont.)

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

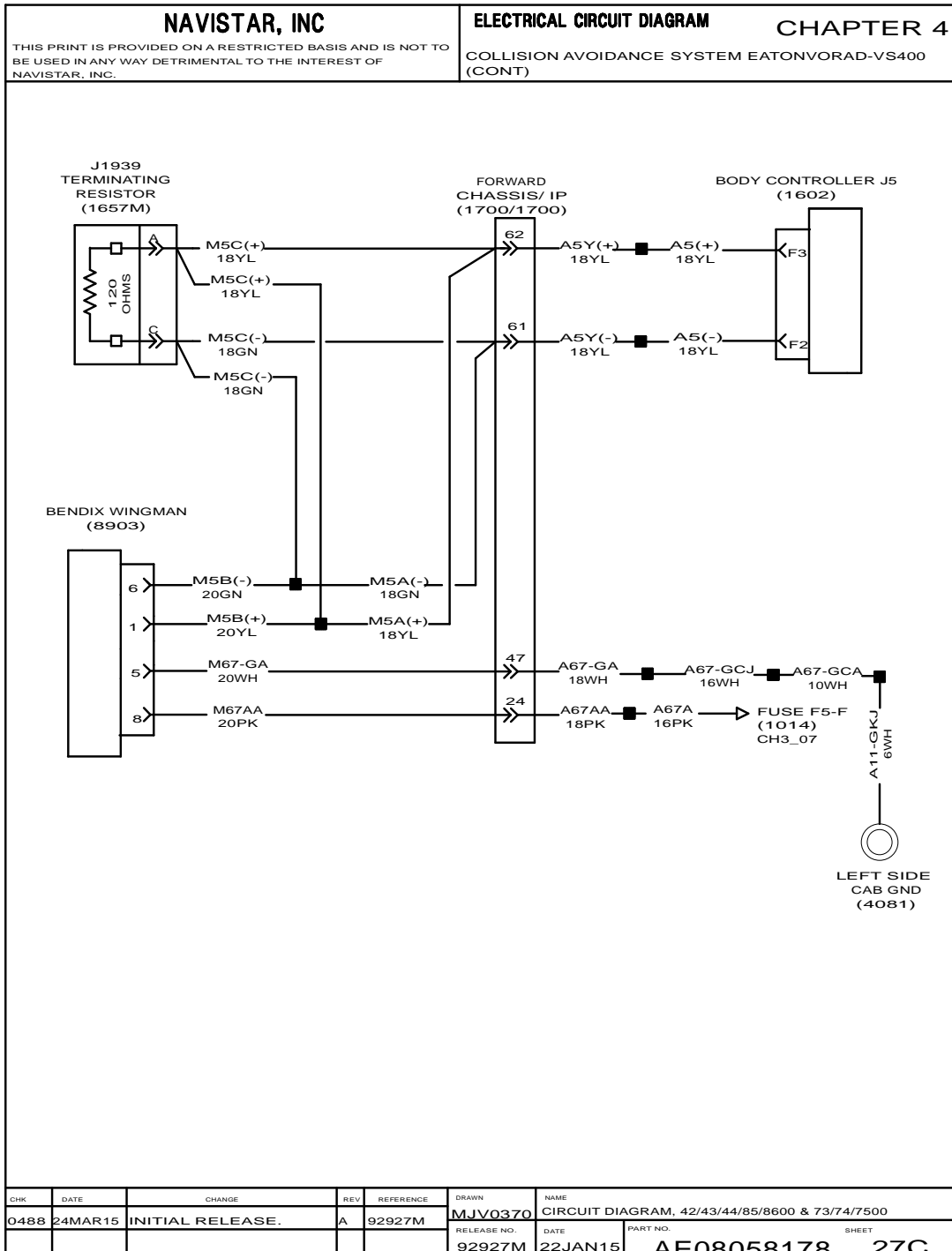


Figure 156 Collision Avoidance System Eaton Vorad VS400 (Cont.)

4.34. BACK-UP CAMERA, P. 28

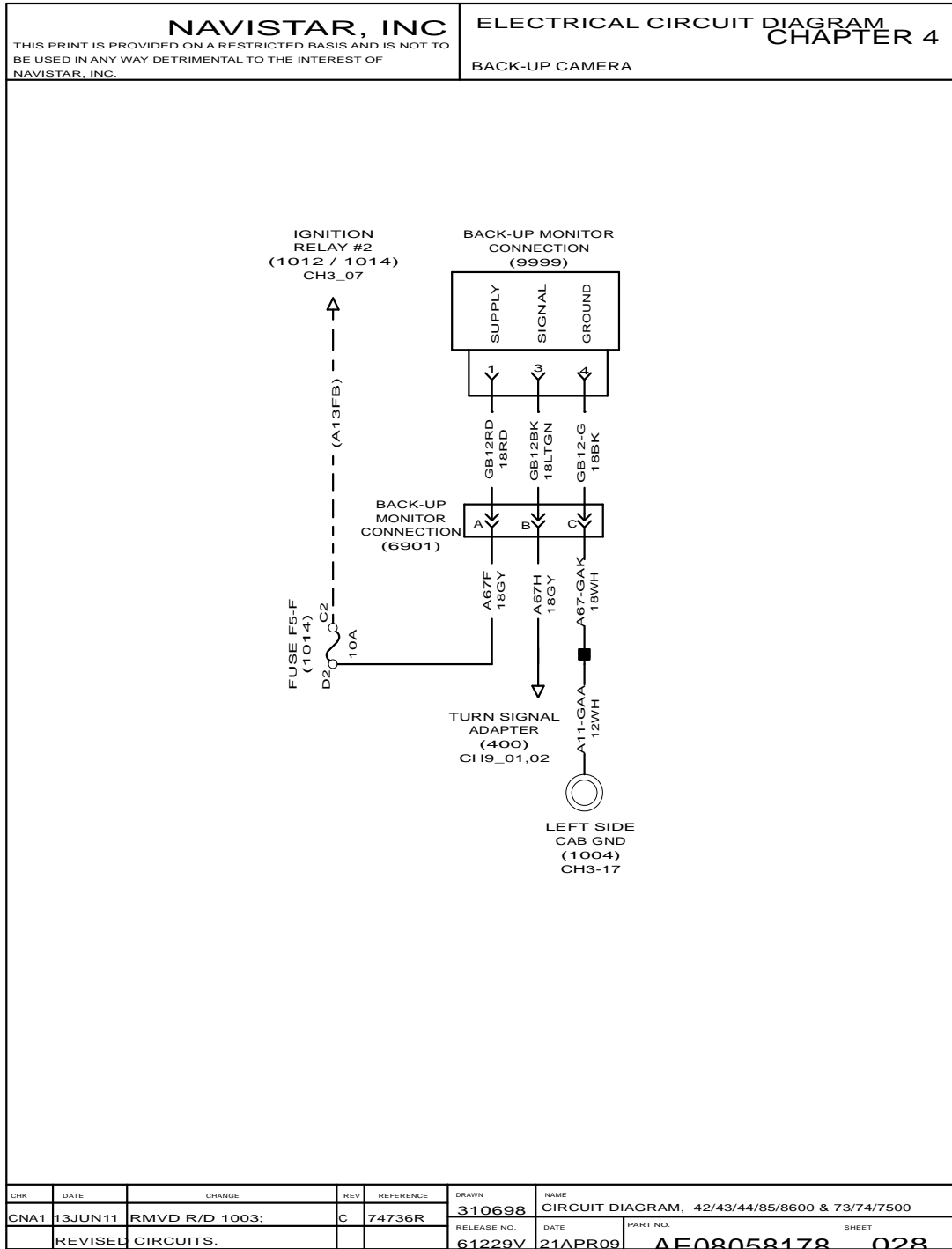


Figure 157 Back-Up Camera

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

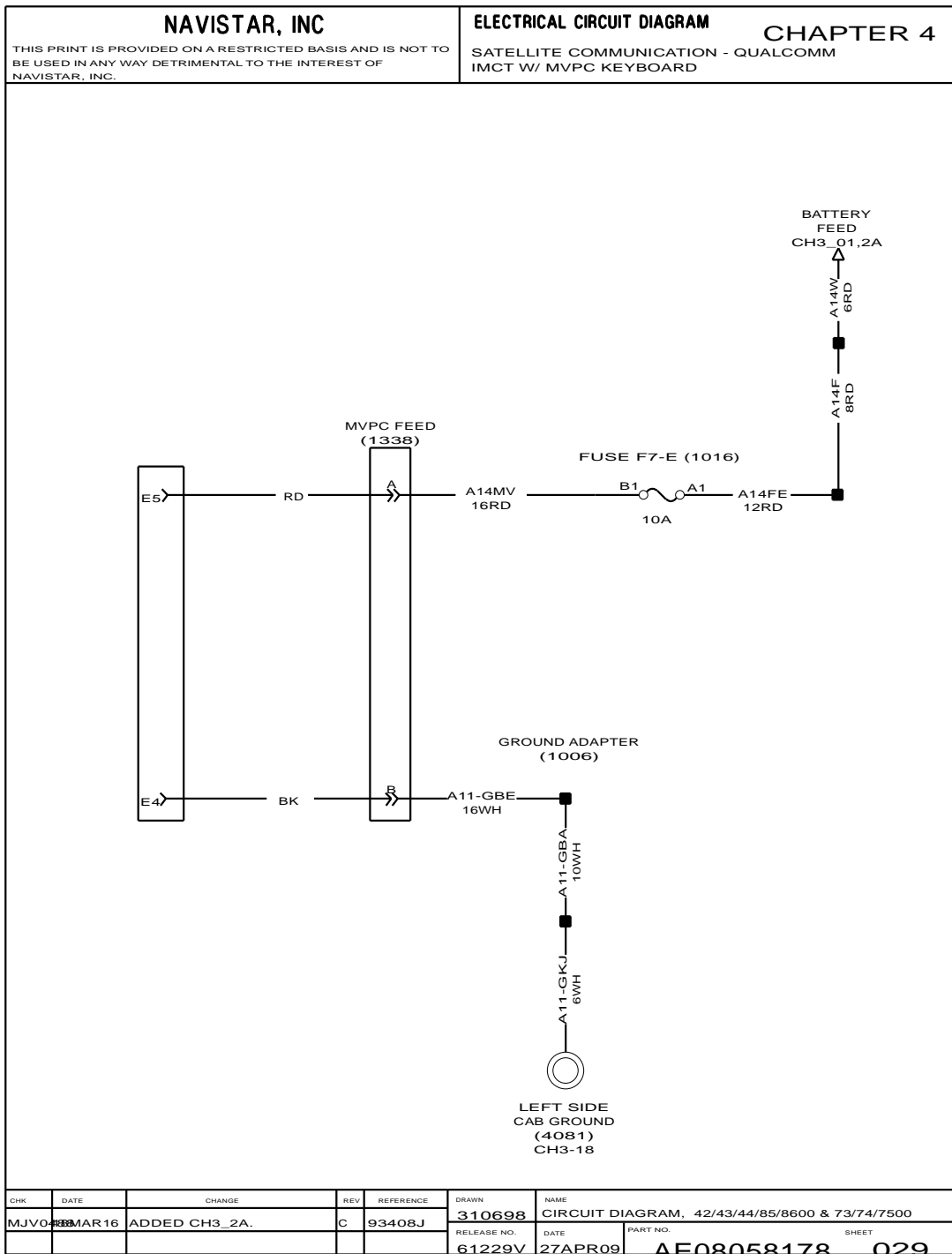


Figure 158 Satellite Communication – Qualcomm IMCT with MVPC Keyboard



4.36. AIR SHIELD LIGHT, P. 30

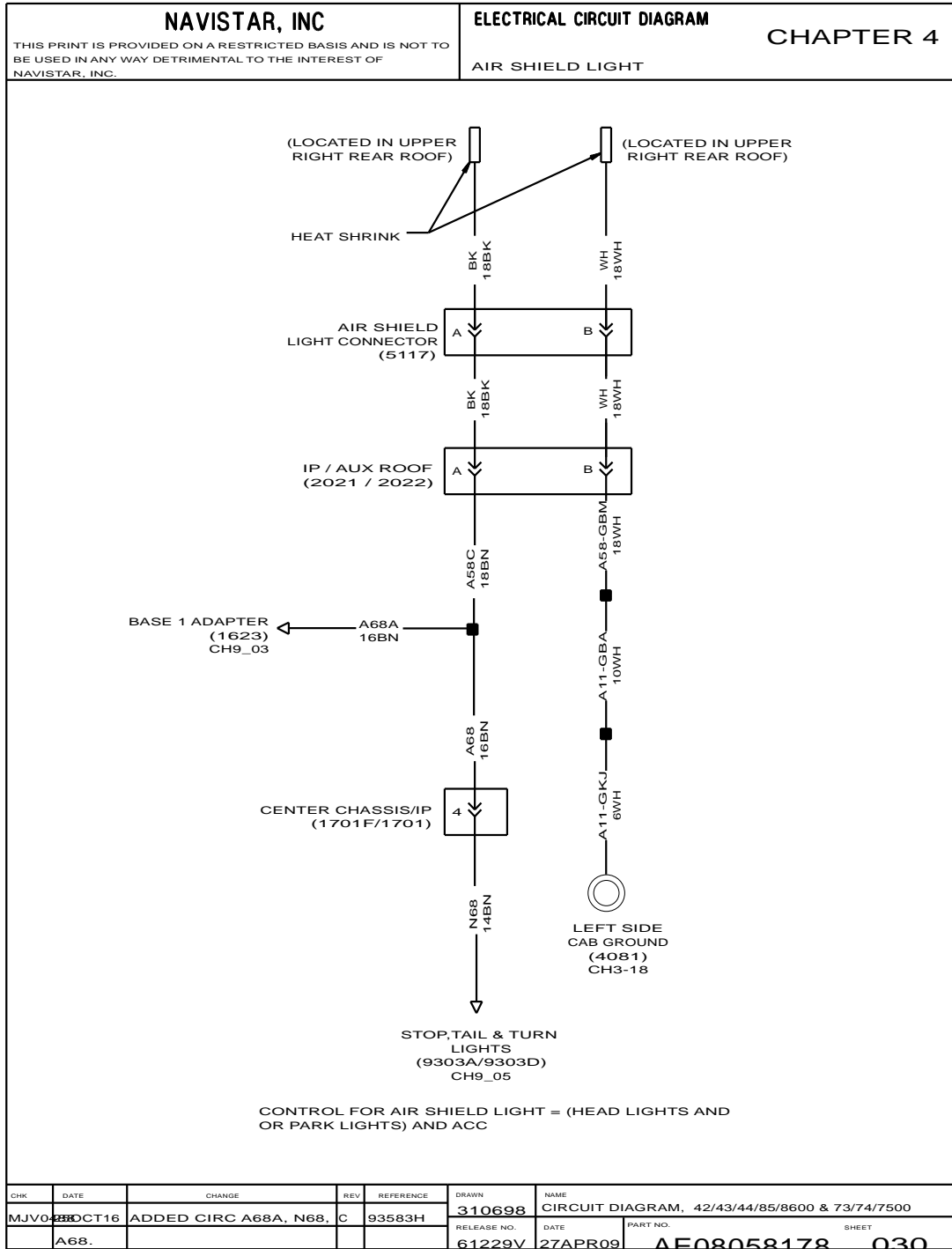


Figure 159 Air Shield Light

4.37. SATELLITE COMMUNICATION – QUALCOMM OMNIVISION, P. 31

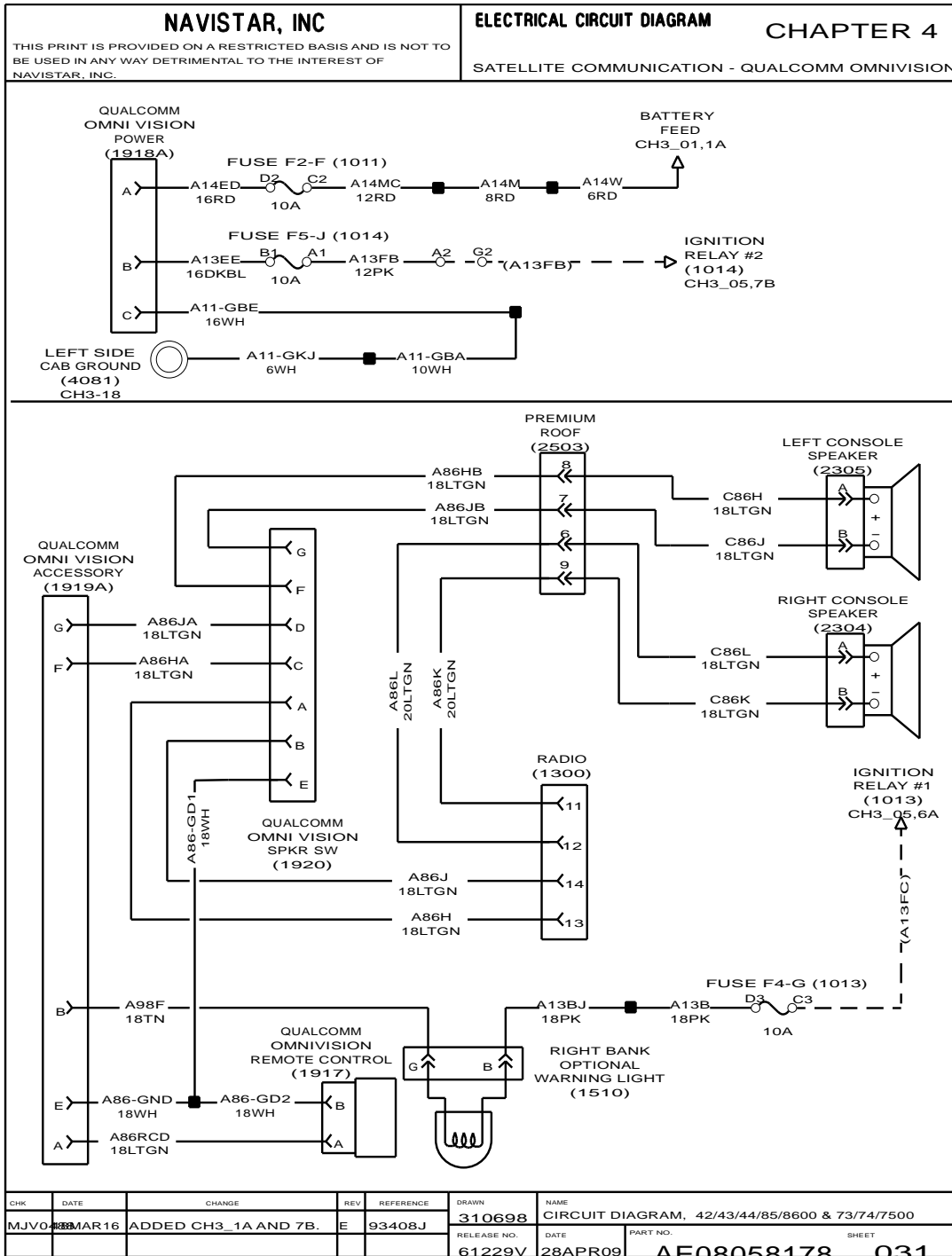


Figure 160 Satellite Communication – Qualcomm Omnivision

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

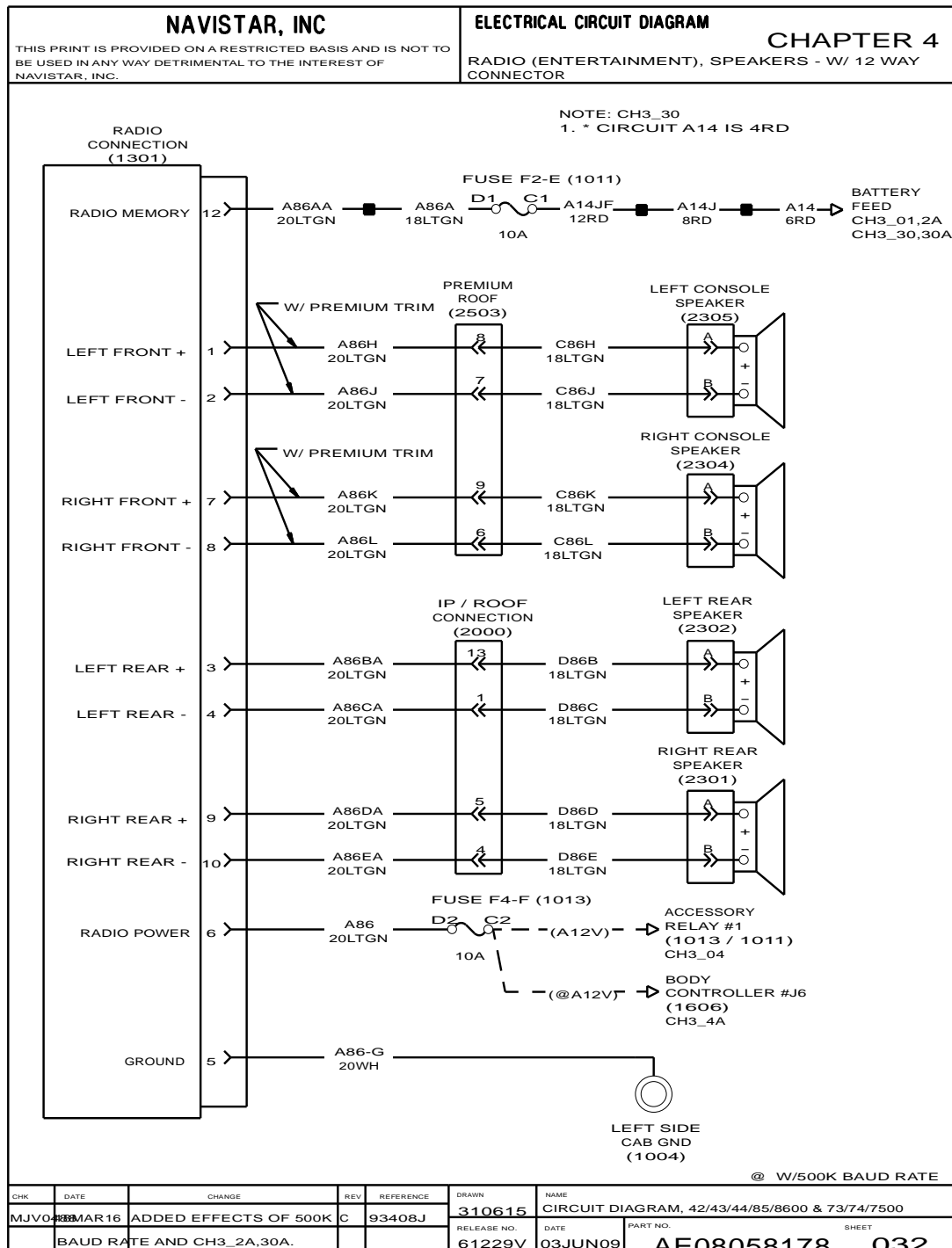


Figure 161 Radio (Entertainment), Speakers – with 12 Way Connector

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

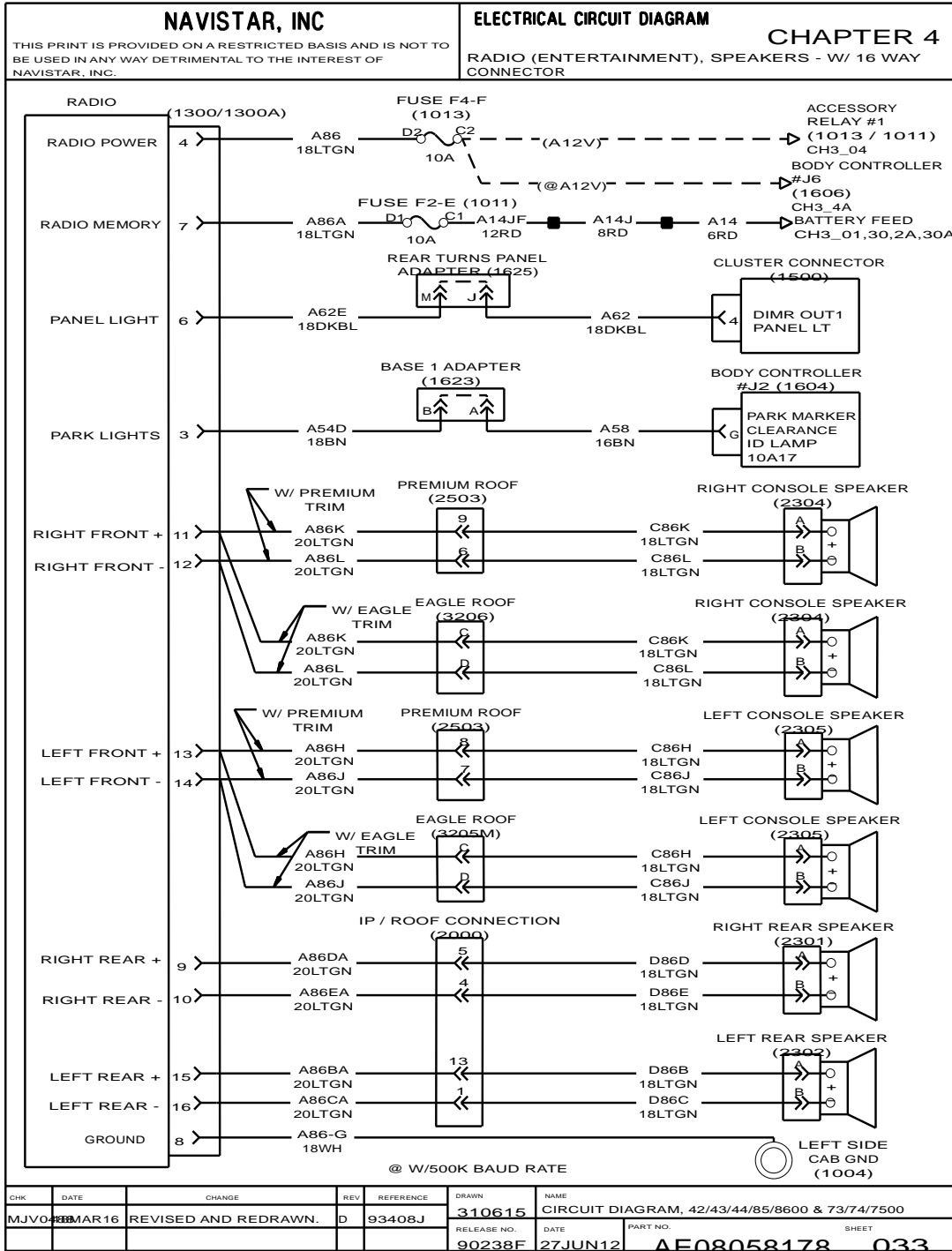


Figure 162 Radio (Entertainment), Speakers - with 16 Way Connector

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

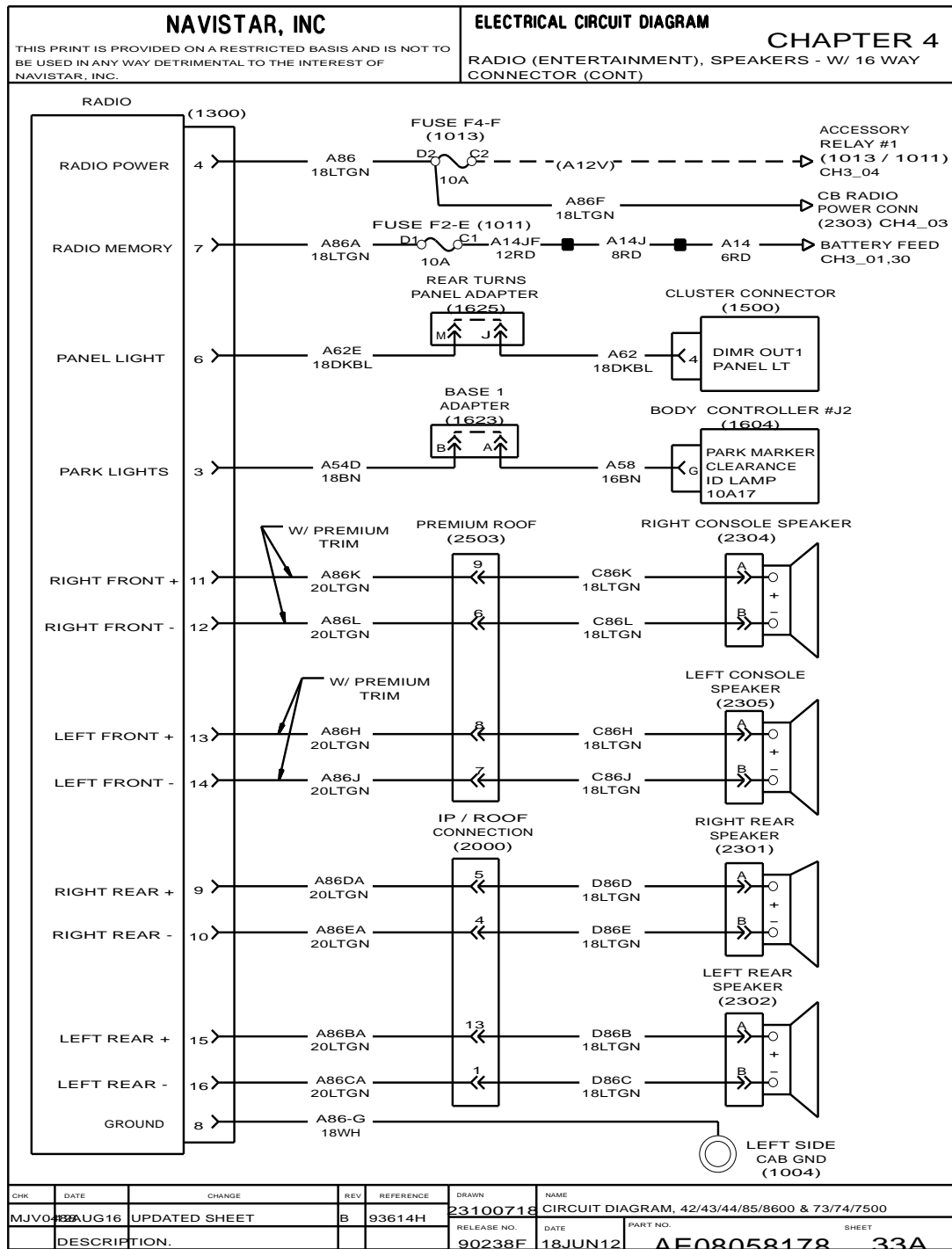


Figure 163 Radio (Entertainment), Speakers - with 16 Way Connector (Cont.)

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

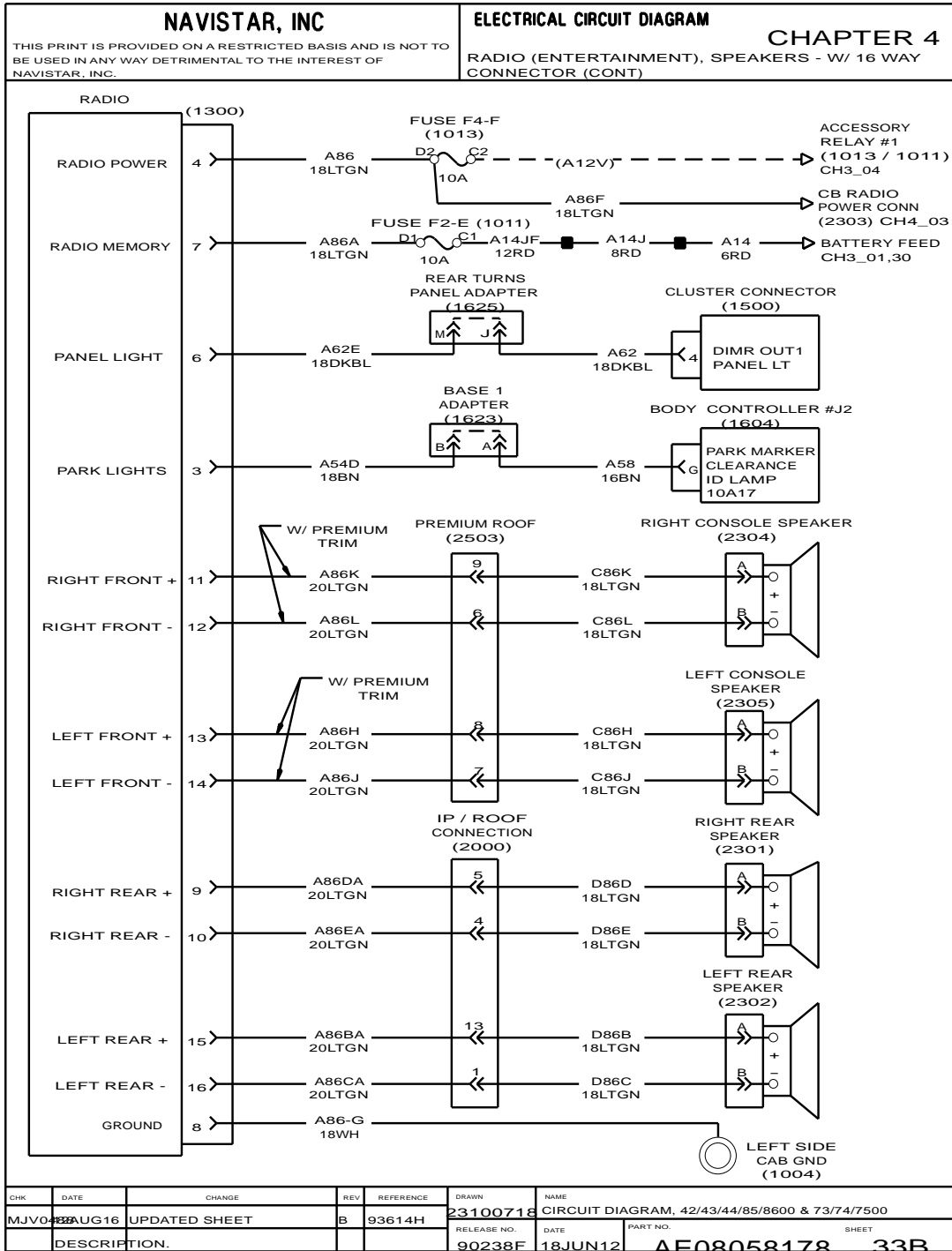


Figure 164 Radio (Entertainment), Speakers – with 16 Way Connector (Cont.)

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

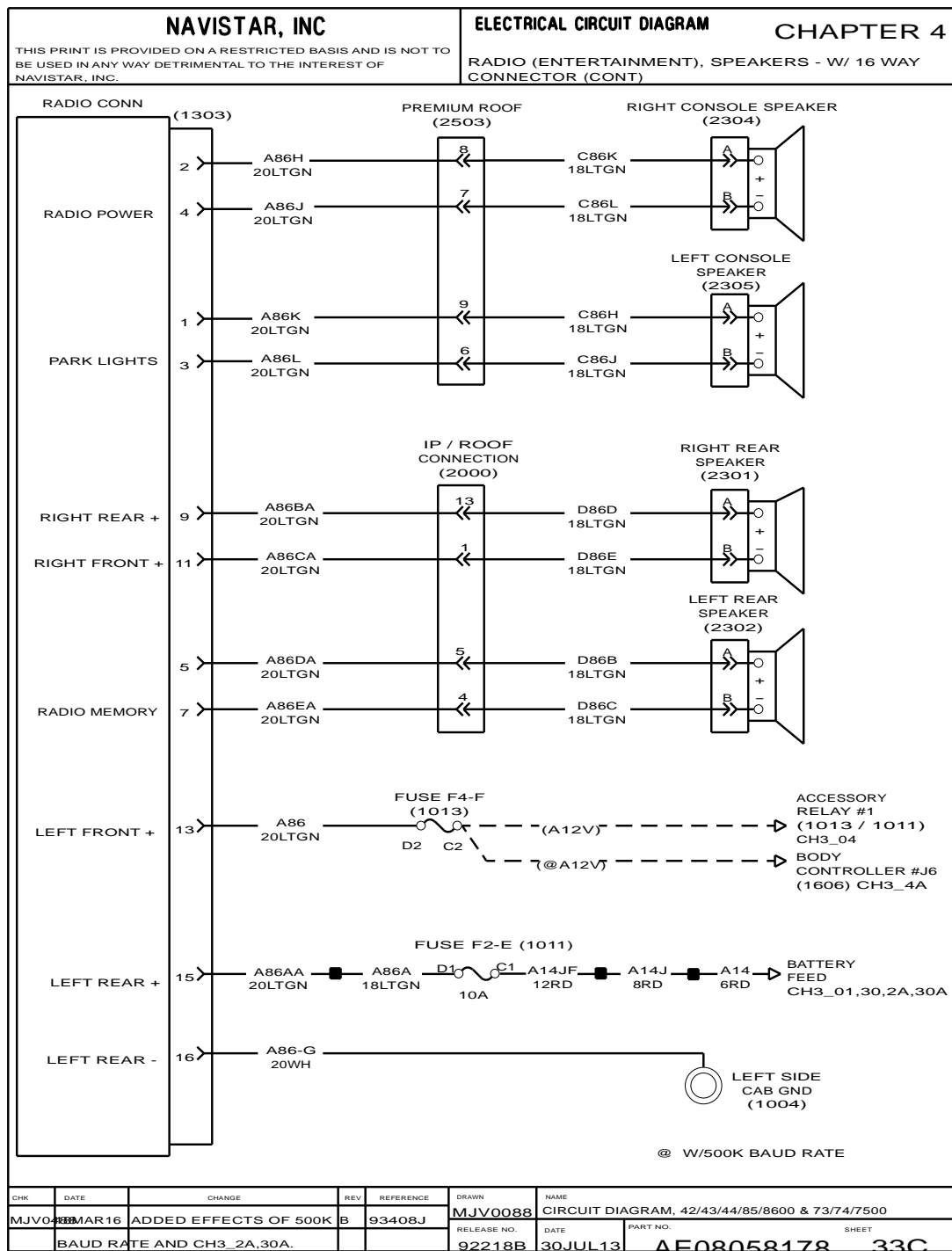


Figure 165 Radio (Entertainment), Speakers – with 16 Way Connector (Cont.)

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

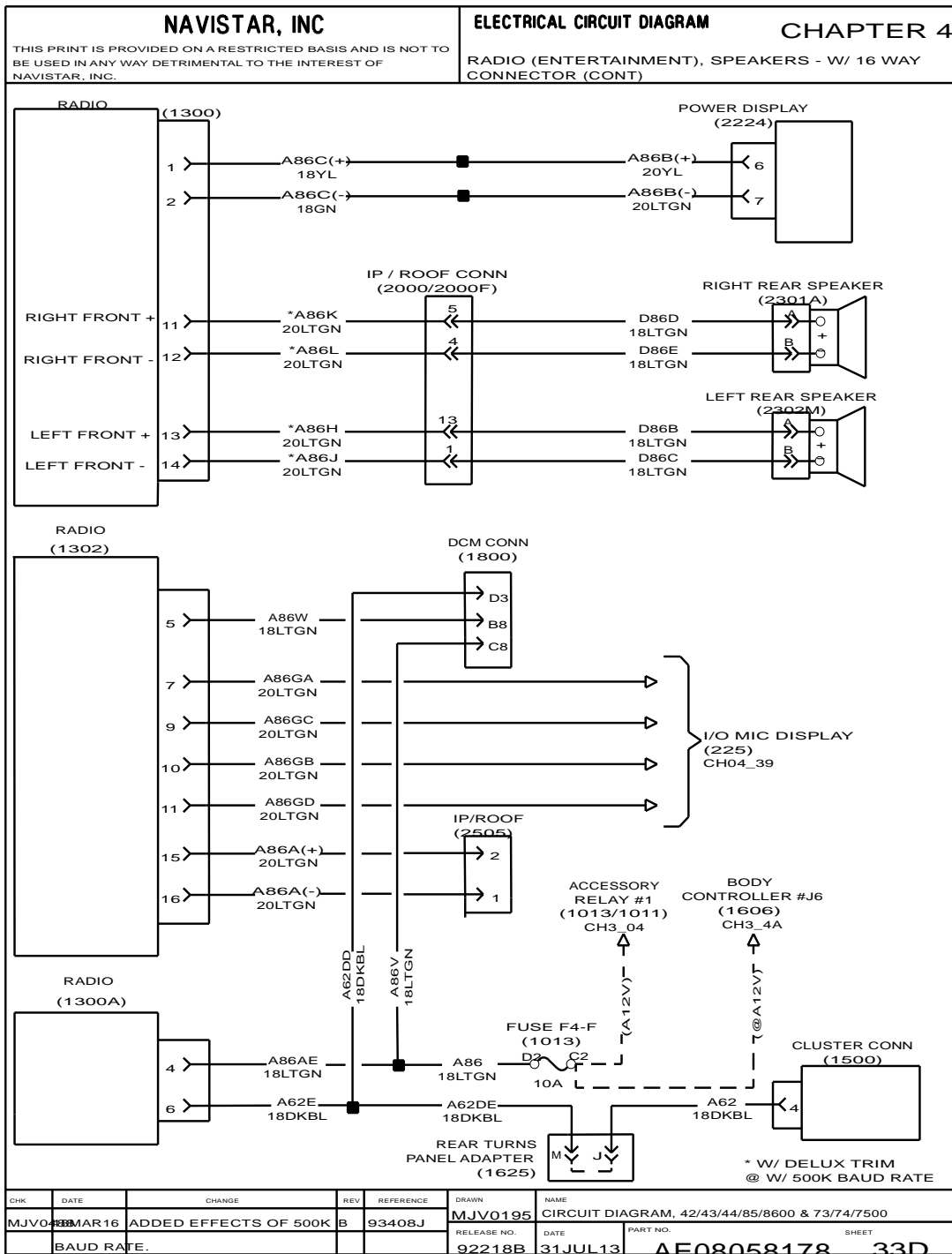


Figure 166 Radio (Entertainment), Speakers – with 16 Way Connector (Cont.)



4.44. SEATBELT AND SEAT SENSOR, P. 34

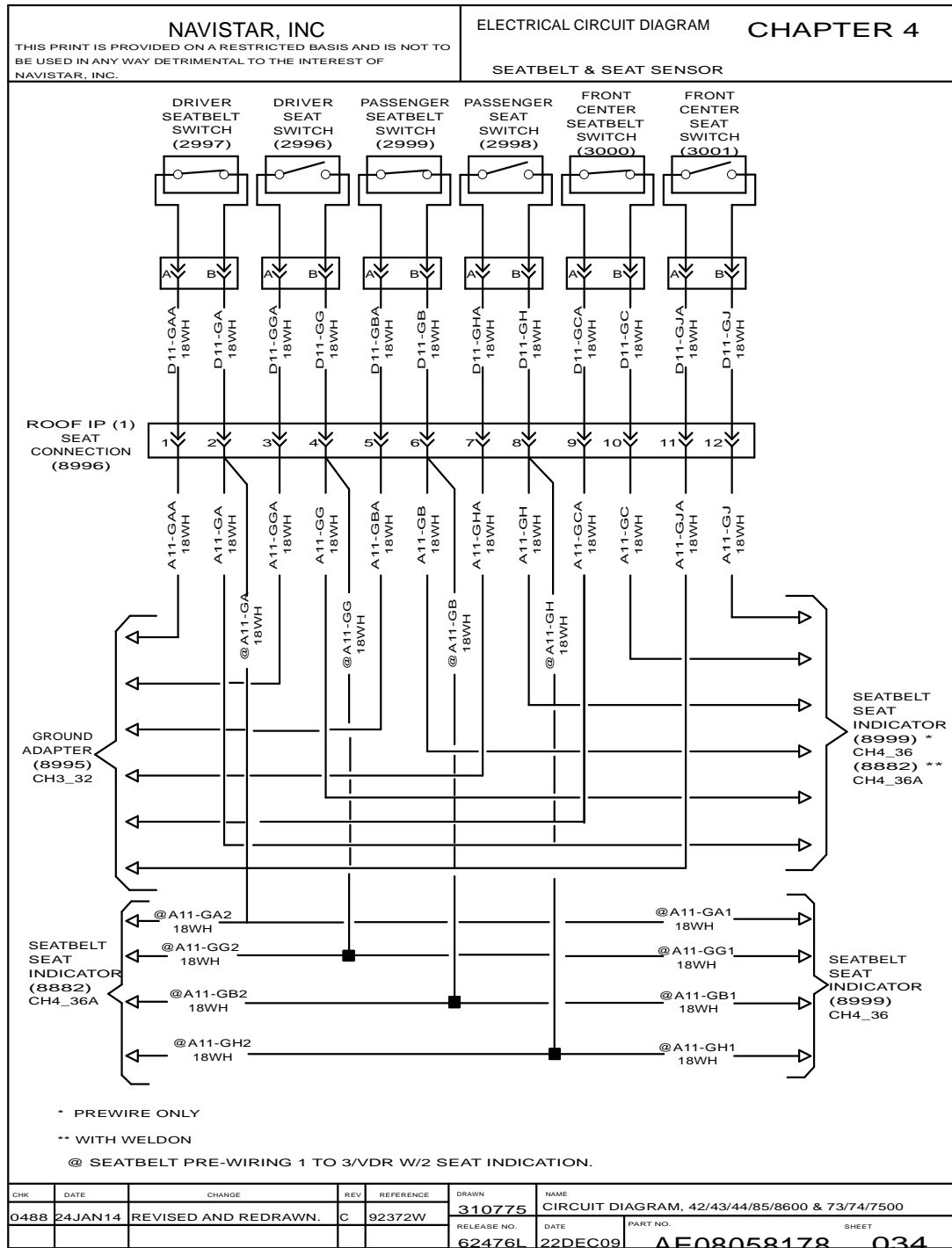


Figure 167 Seatbelt and Seat Sensor

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

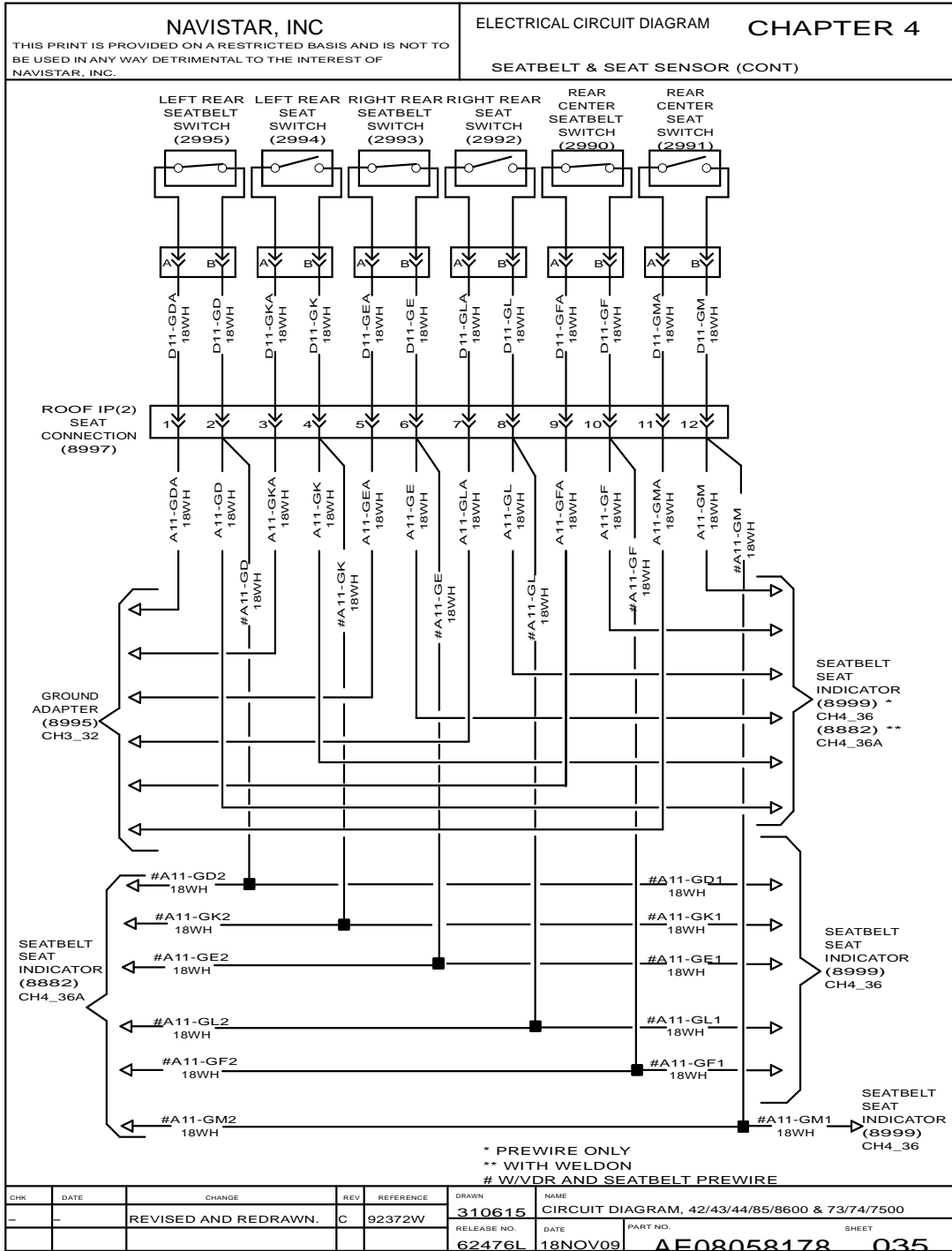


Figure 168 Seatbelt and Seat Sensor (Cont.)

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

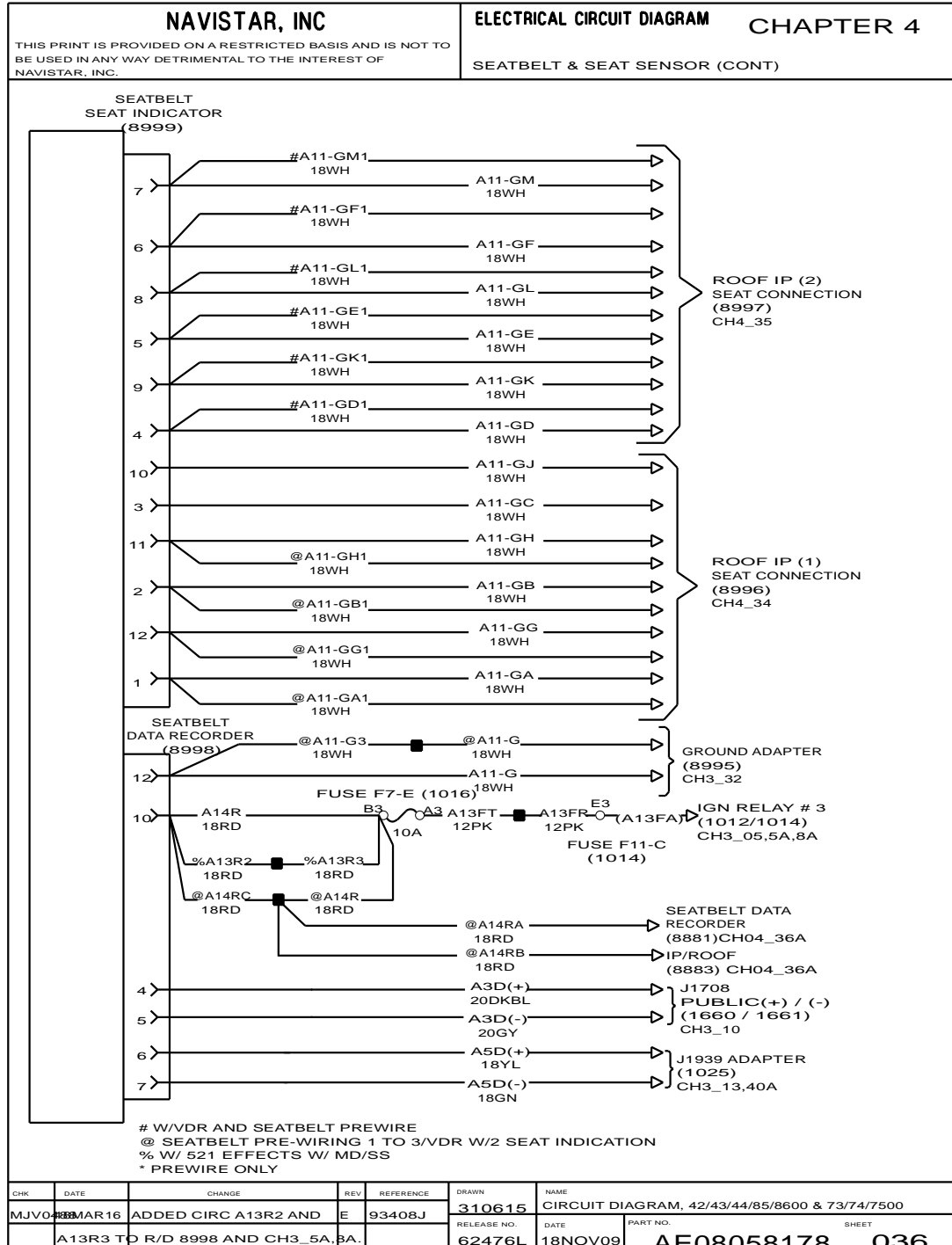


Figure 169 Seatbelt and Seat Sensor (Cont.)

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

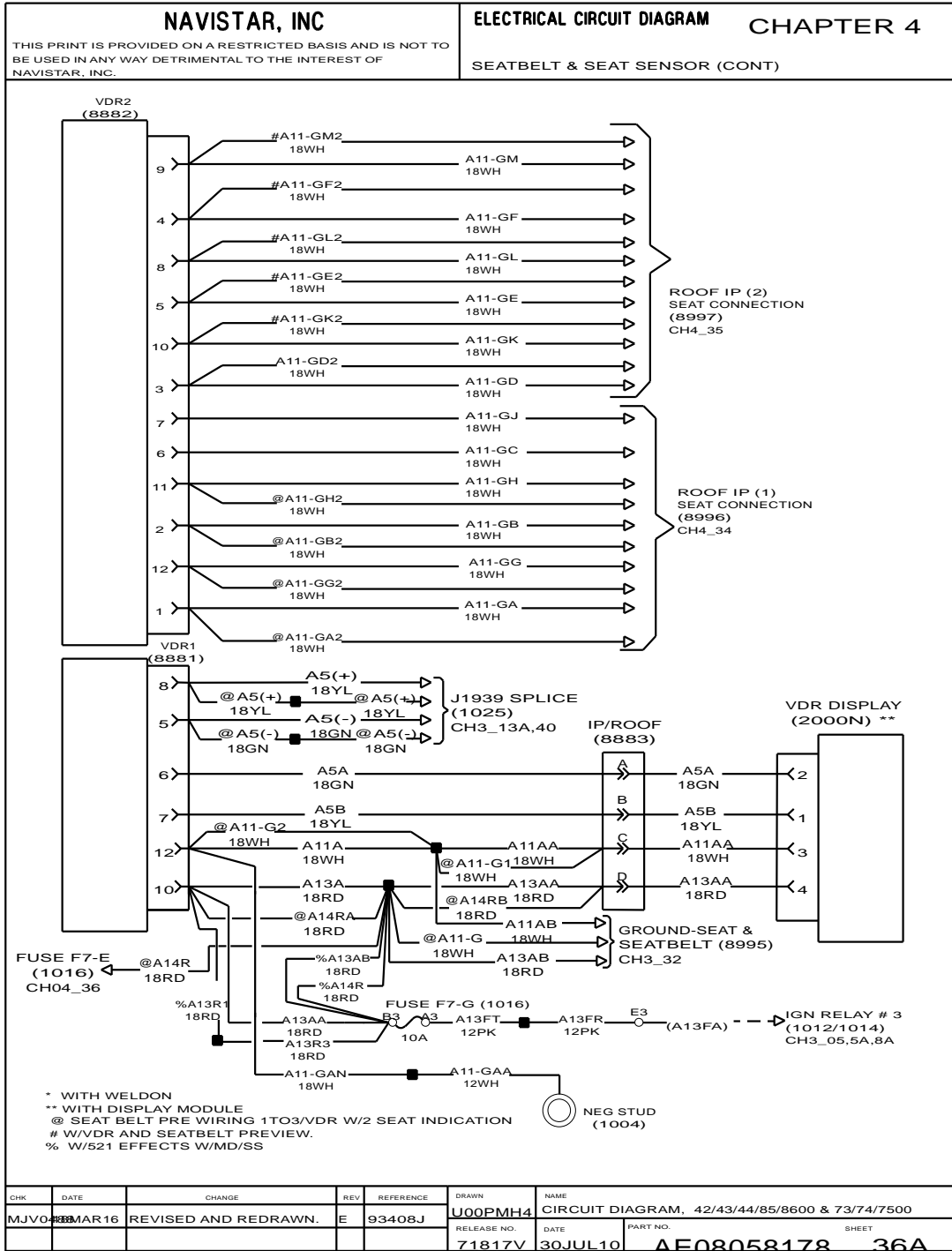


Figure 170 Seatbelt and Seat Sensor (Cont.)

4.48. DRIVER AND SEATBELT ALARM, P. 36B

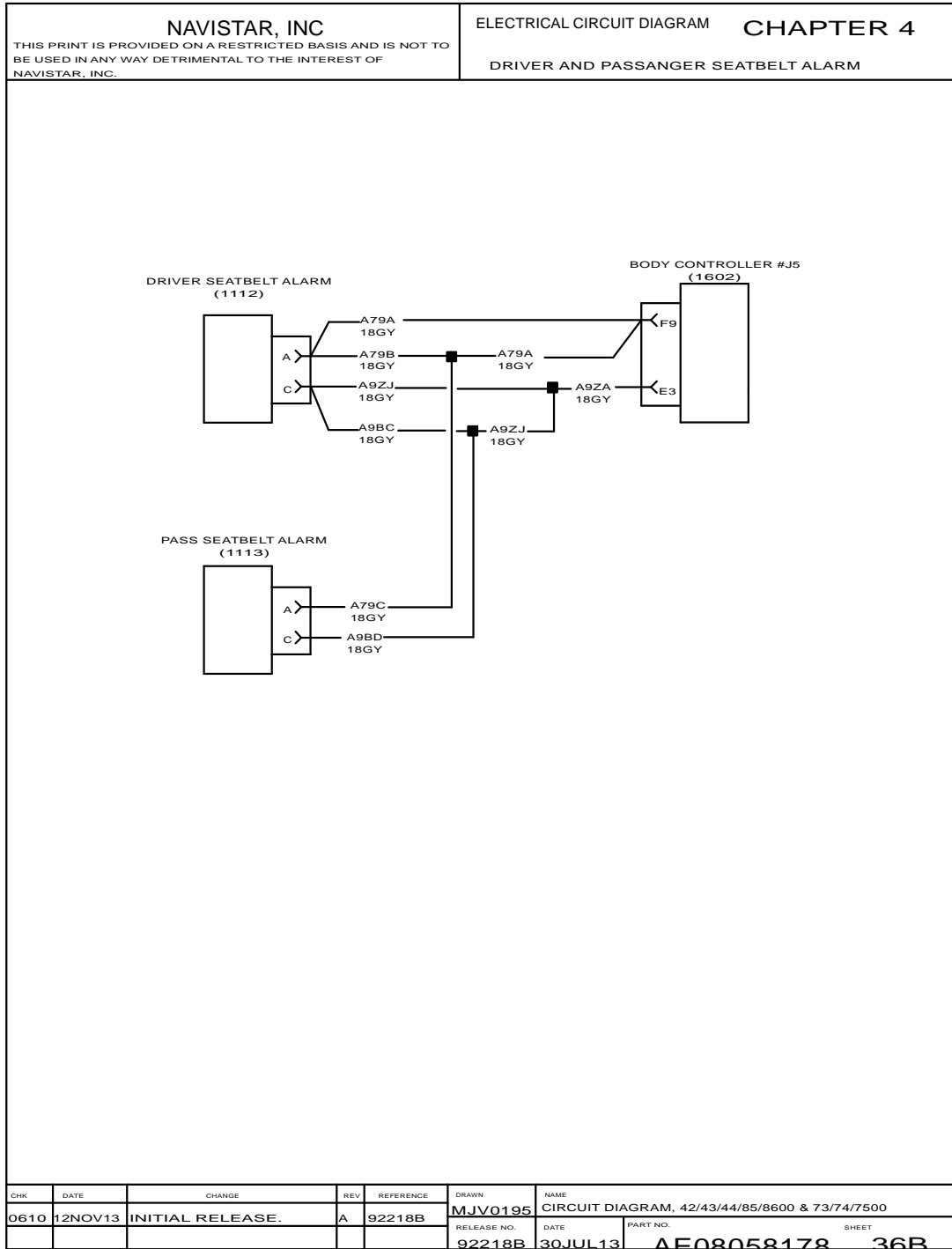


Figure 171 Driver and Seatbelt Alarm

4.49. PASS CODE, P. 37

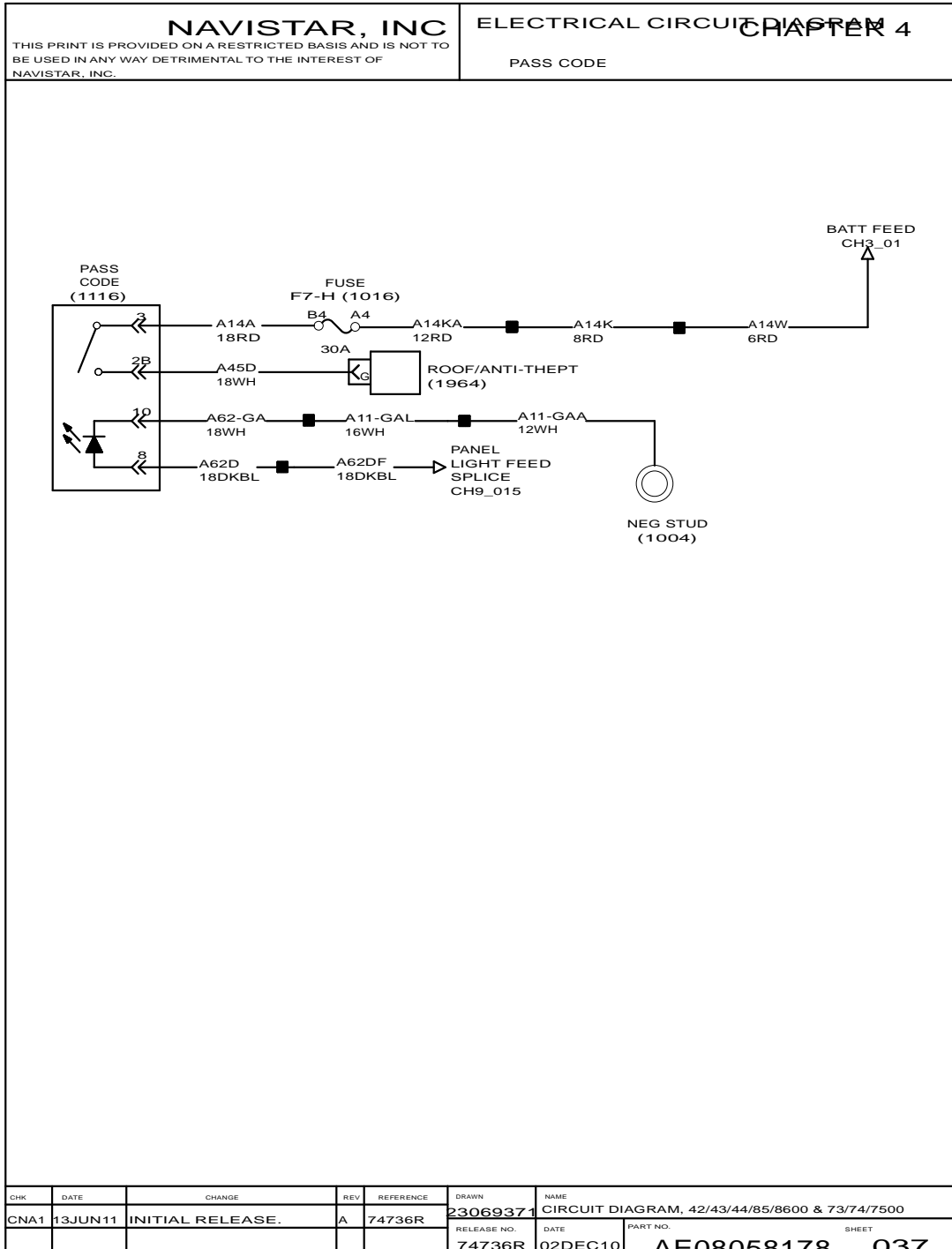


Figure 172 Pass Code

4.50. DRIVER DISPLAY – VEHICLE INFORMATION, P. 38

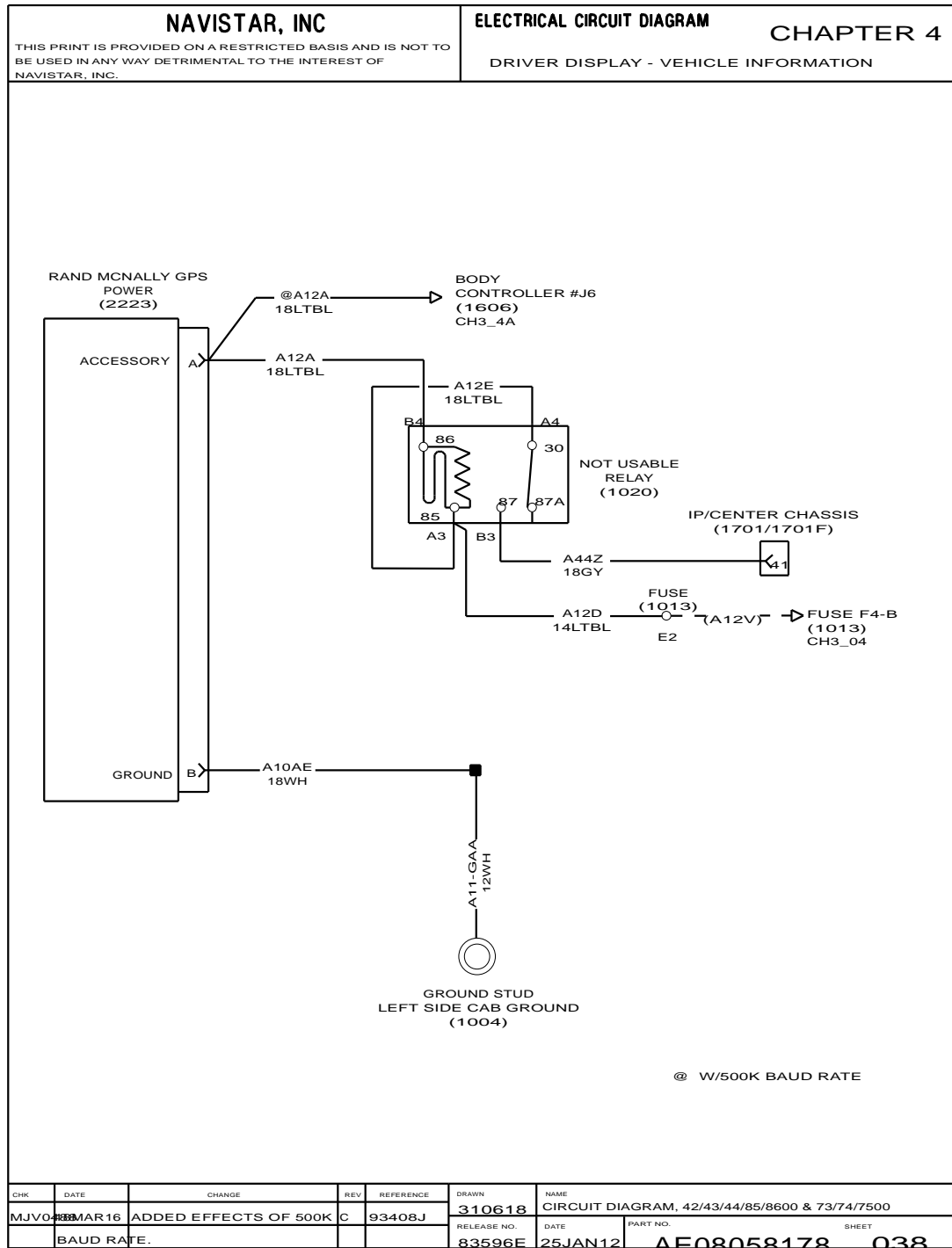


Figure 173 Driver Display – Vehicle Information

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

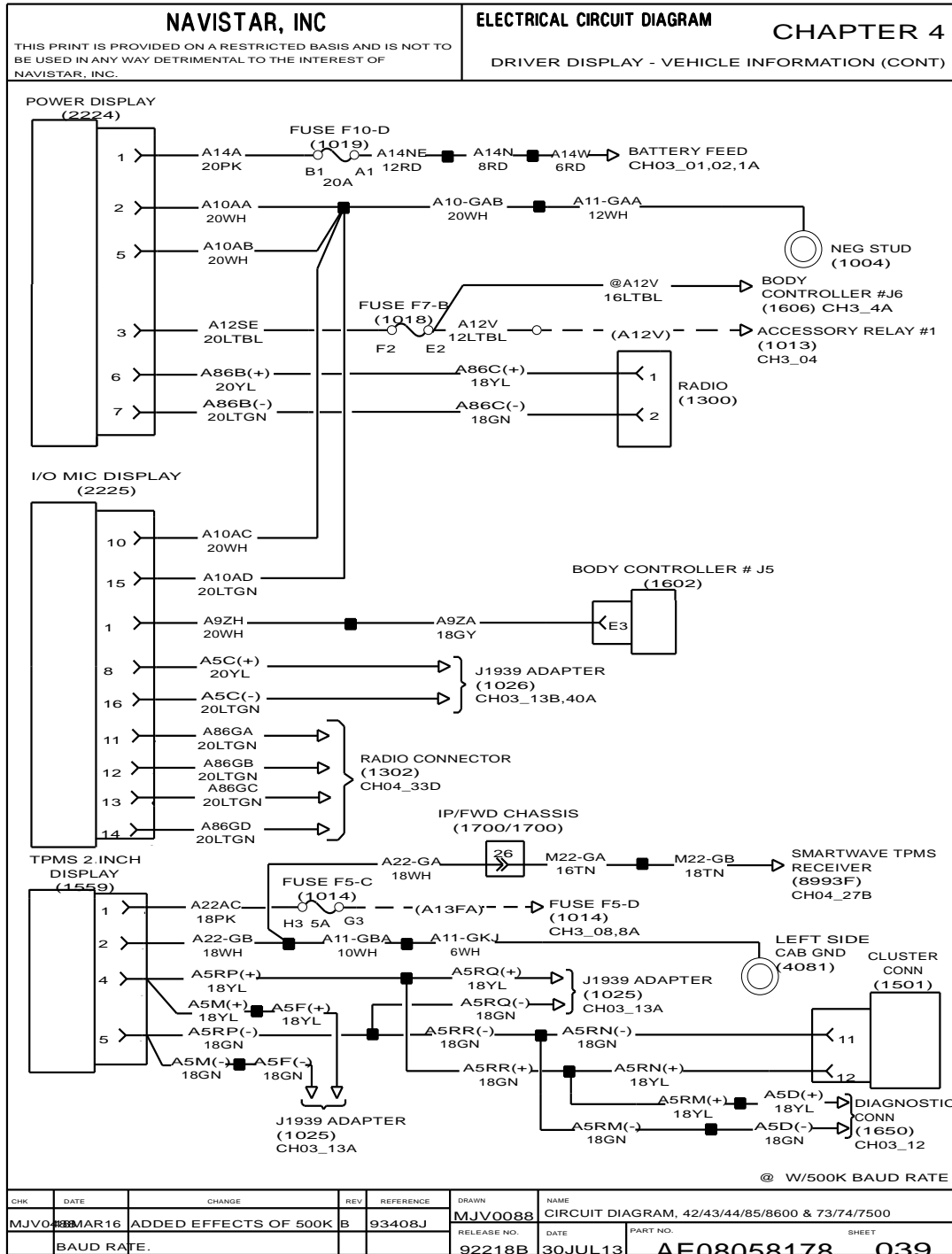


Figure 174 Driver Display – Vehicle Information (Cont.)



4.52. INTENTIONALLY LEFT BLANK, P. 40

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INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
MJV0195	23 OCT 16	REMOVED GEOMETRY.	C	93583H	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
					RELEASE NO.	DATE	PART NO.
					92218B	30 JUL 13	AE08058178
							SHEET <b>040</b>

Figure 175 Intentionally Left Blank

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

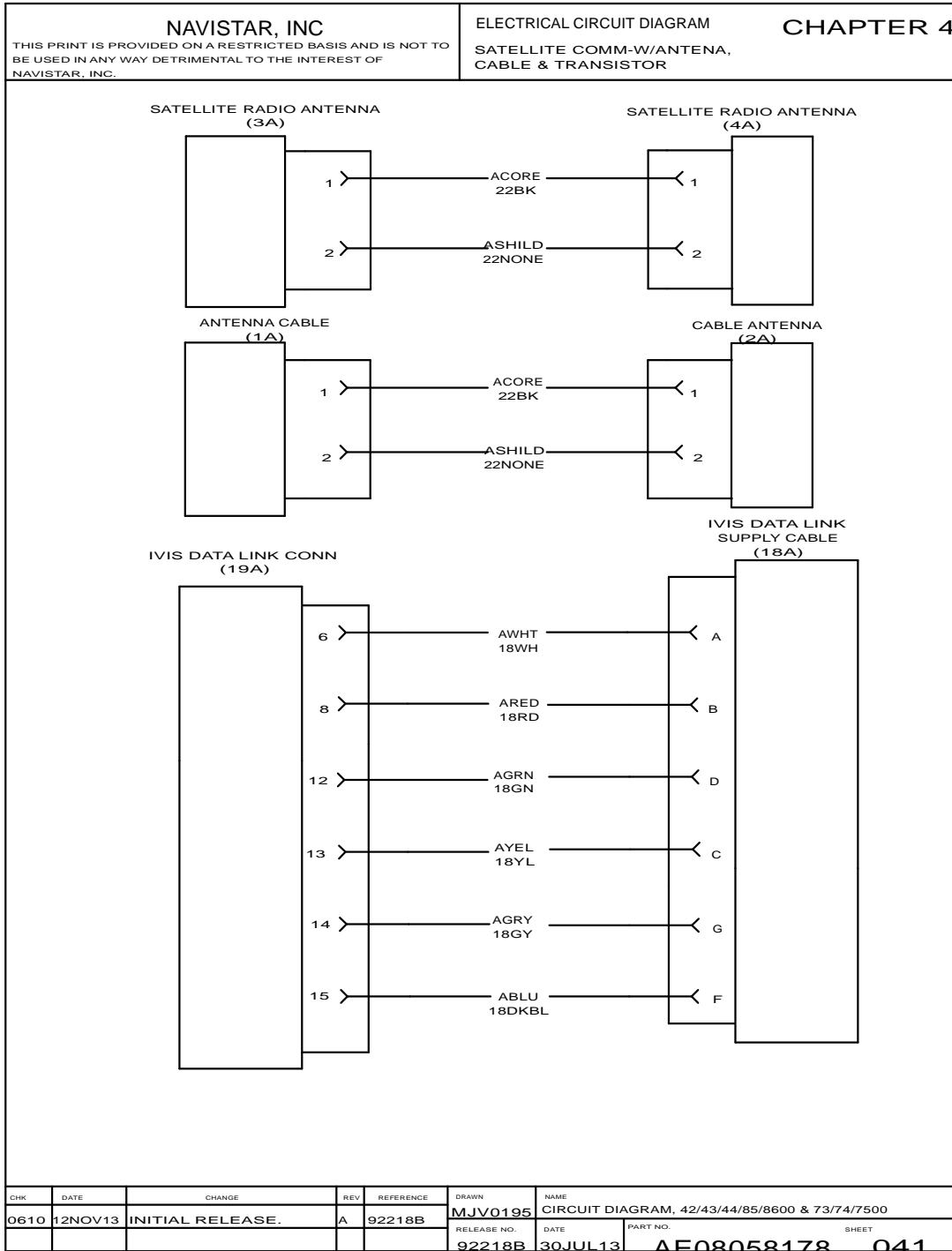


Figure 176 Satellite Comm with Antenna, Cable and Transistor

4.54. DATA LINK TRANSLATOR, P. 42

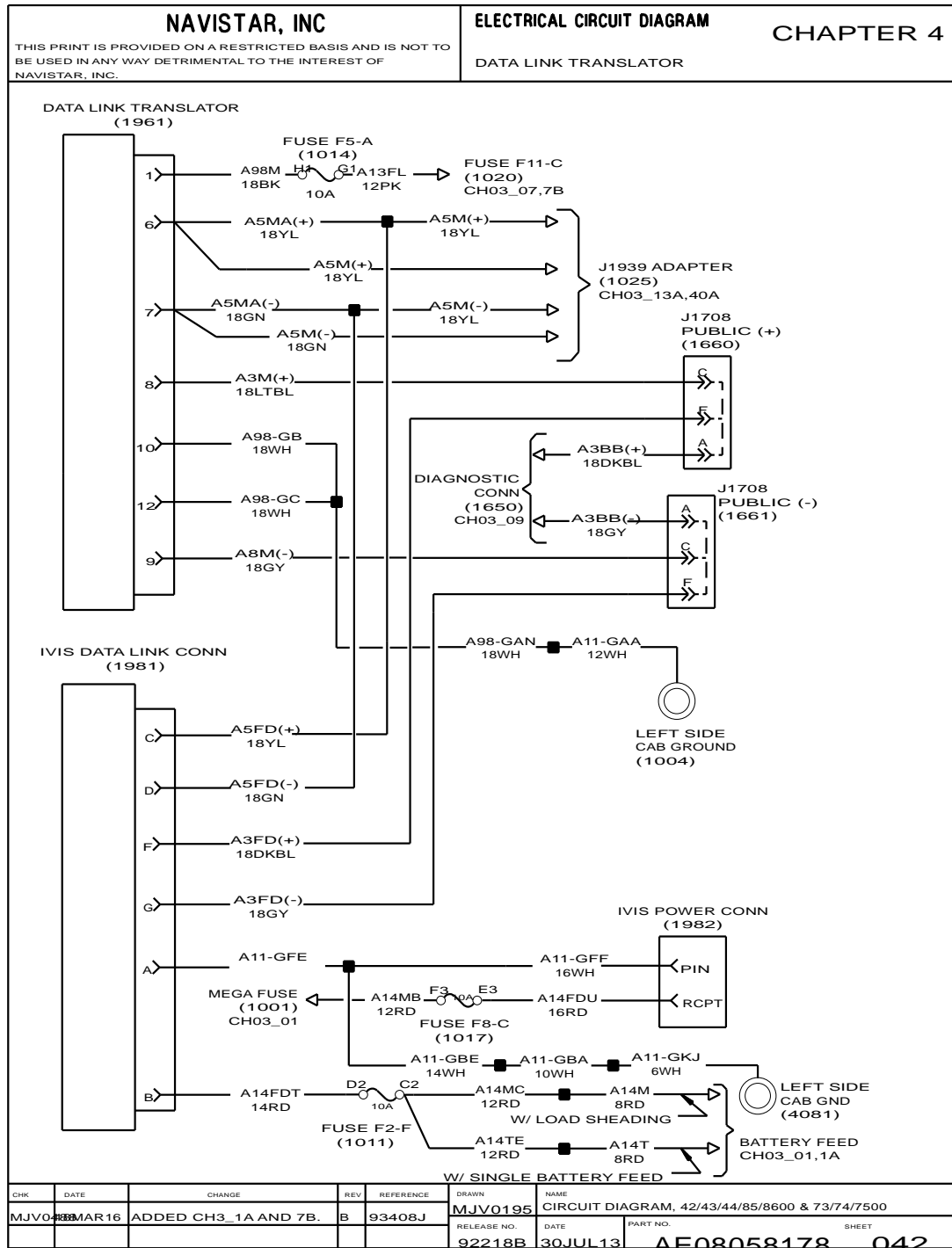


Figure 177 Data Link Translator

4.55. PEOPLET COMMUNICATIONS, P. 43

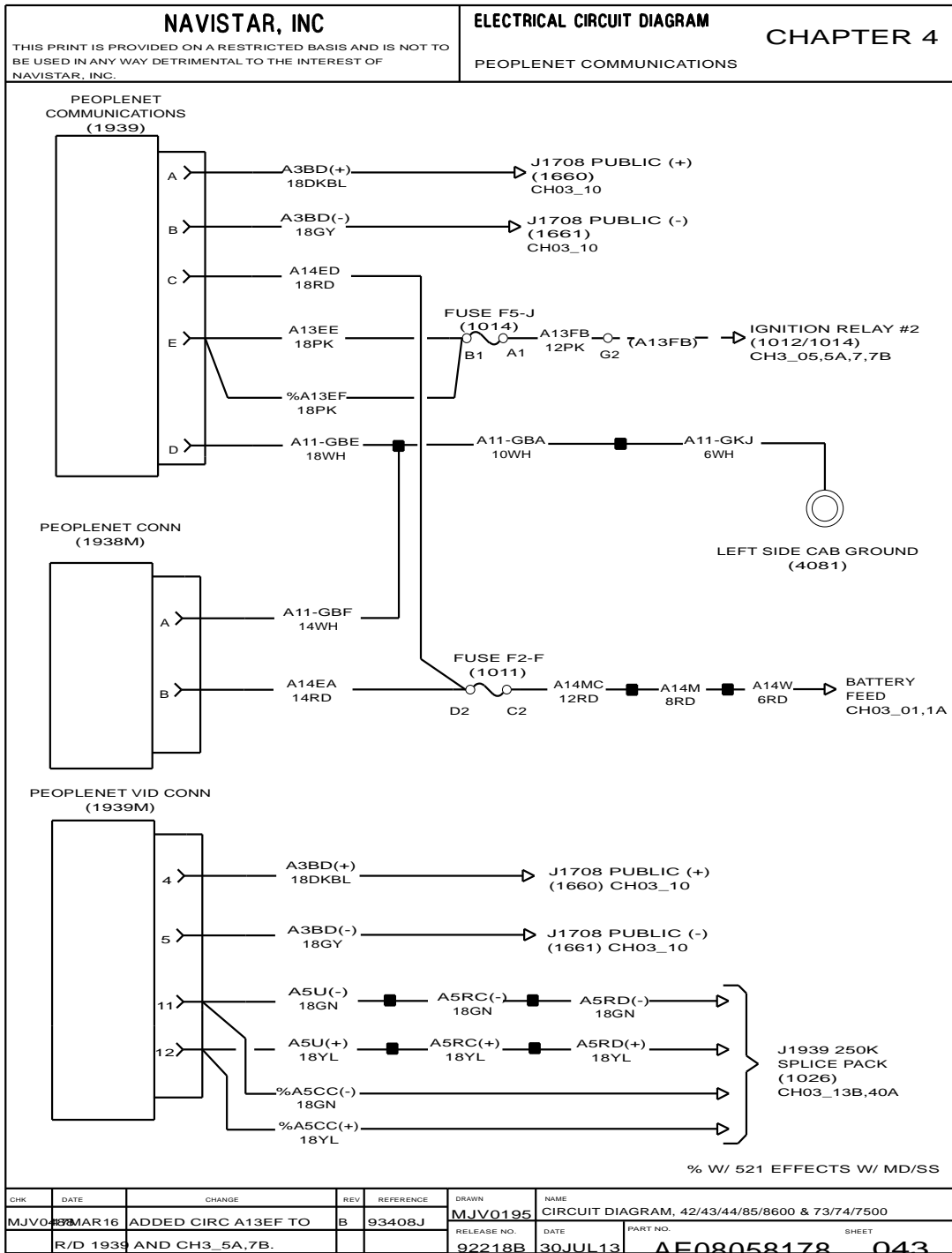


Figure 178 Peoplet Communications

4.56. BENDIX WINGMAN SYSTEM, P. 44

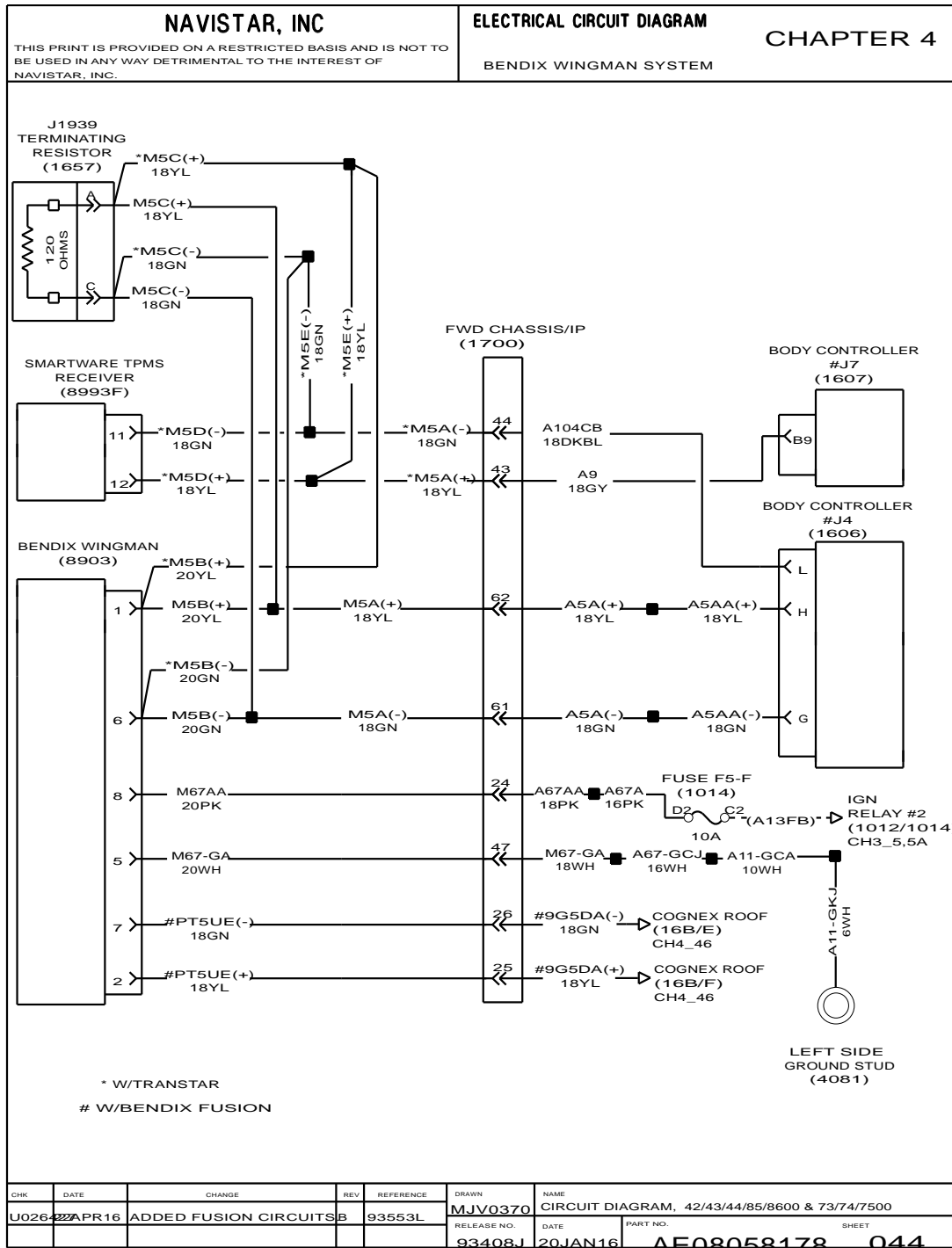


Figure 179 Bendix Wingman System

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

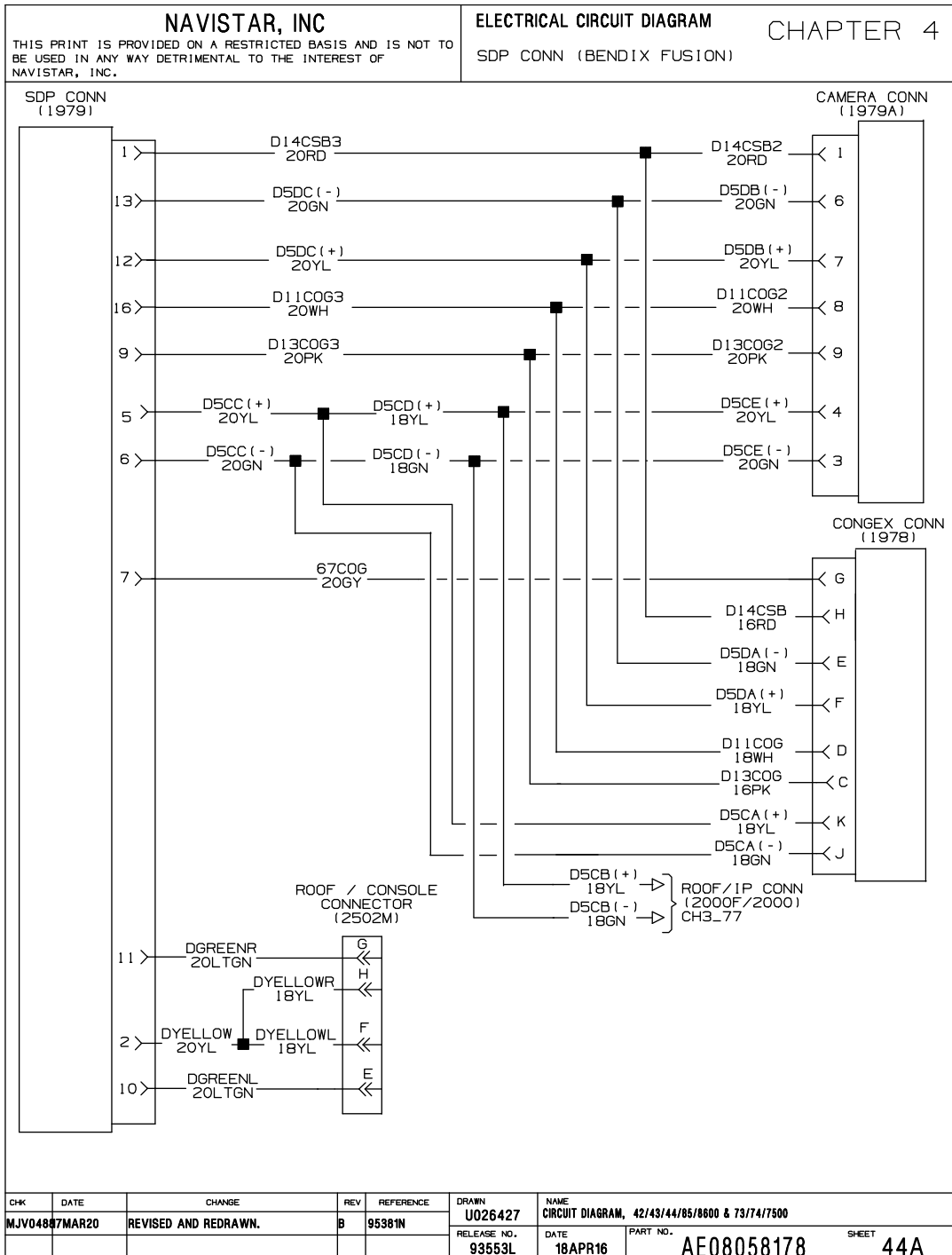


Figure 180 Safety Direct Processor (SDP) Connections (Bendix Fusion)

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

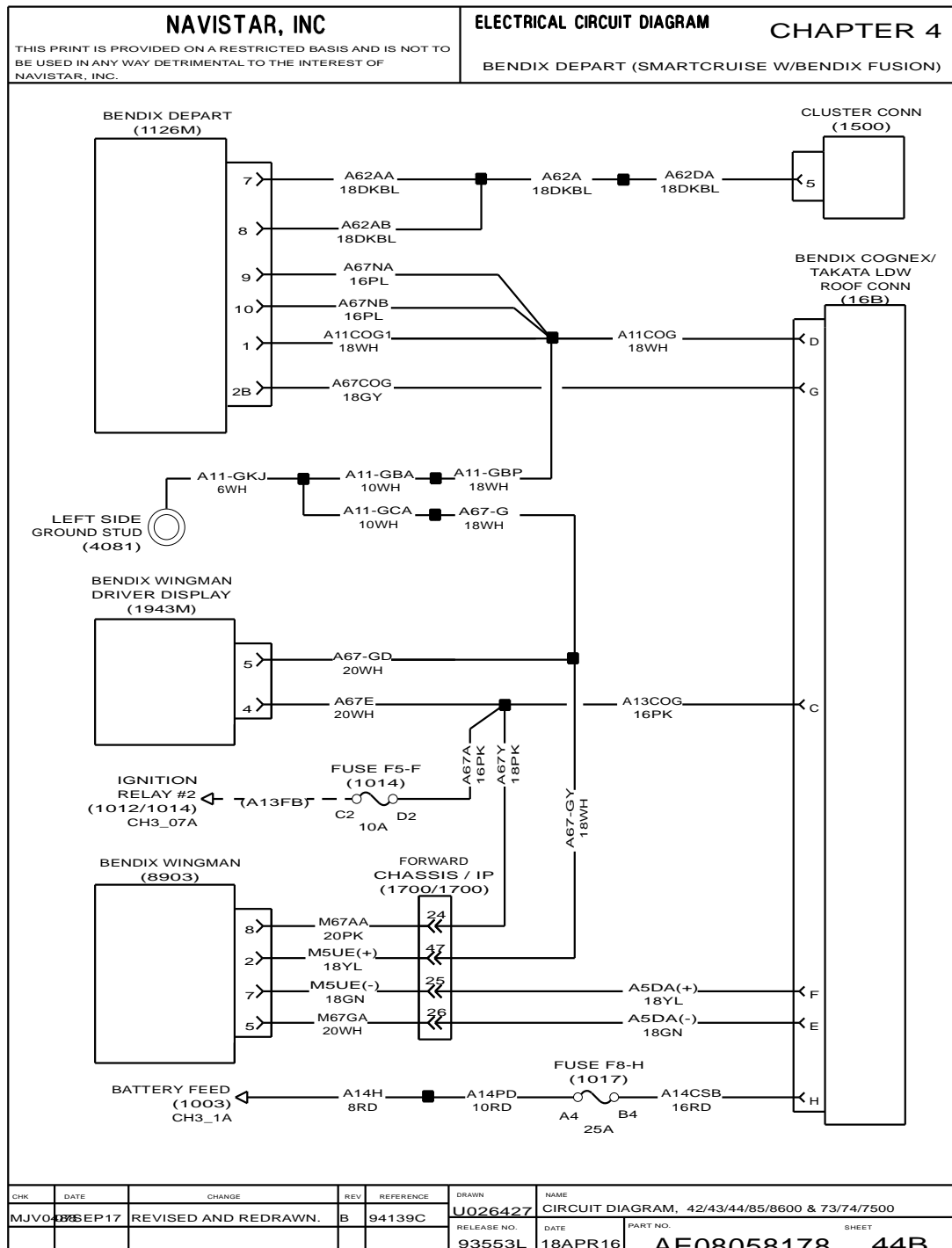


Figure 181 Bendix Depart (SmartCruise with Bendix Fusion)

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

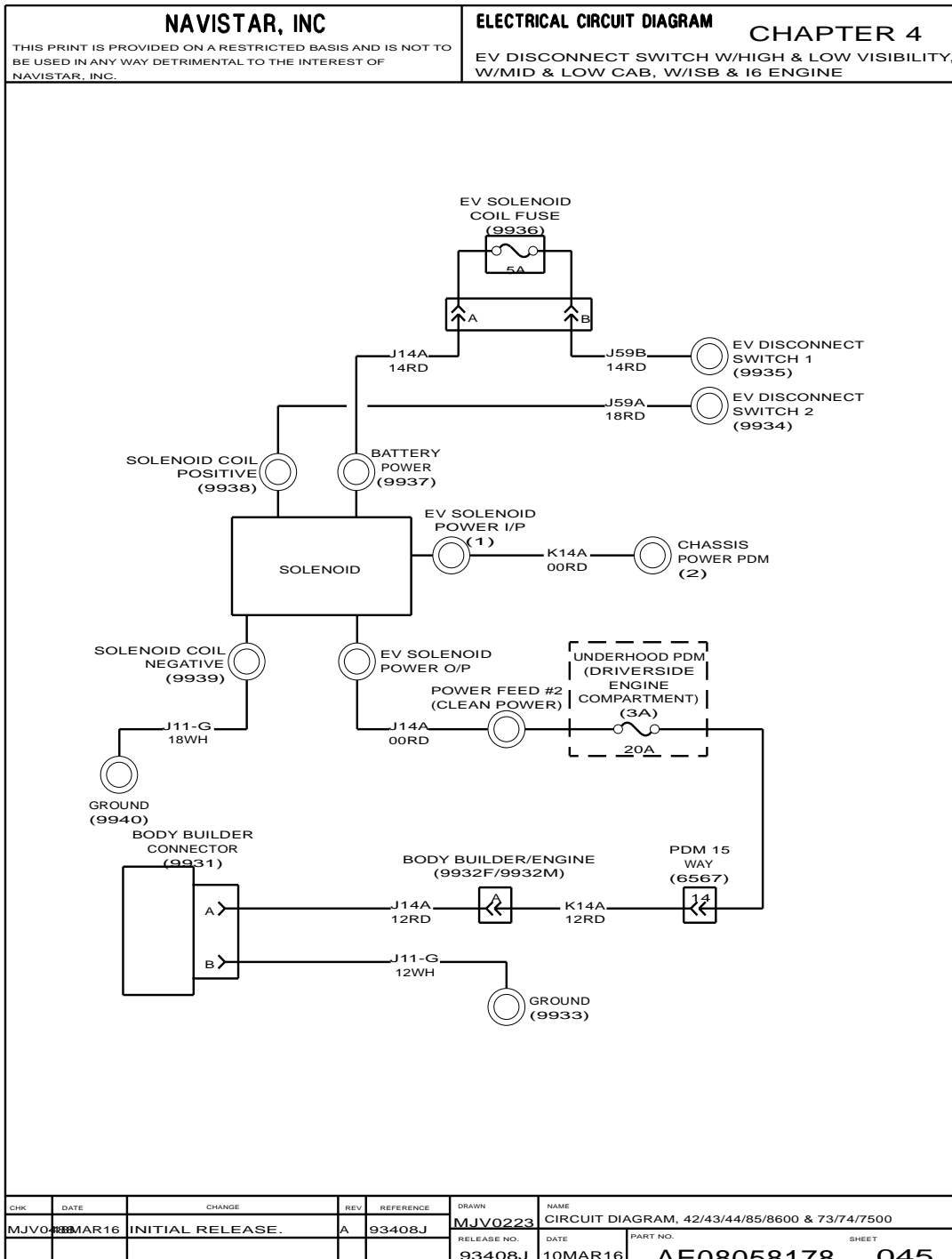


Figure 182 EV Disconnect Switch with High & Low Visibility, with Mid & Low Cab, with ISB & I6 Engine



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

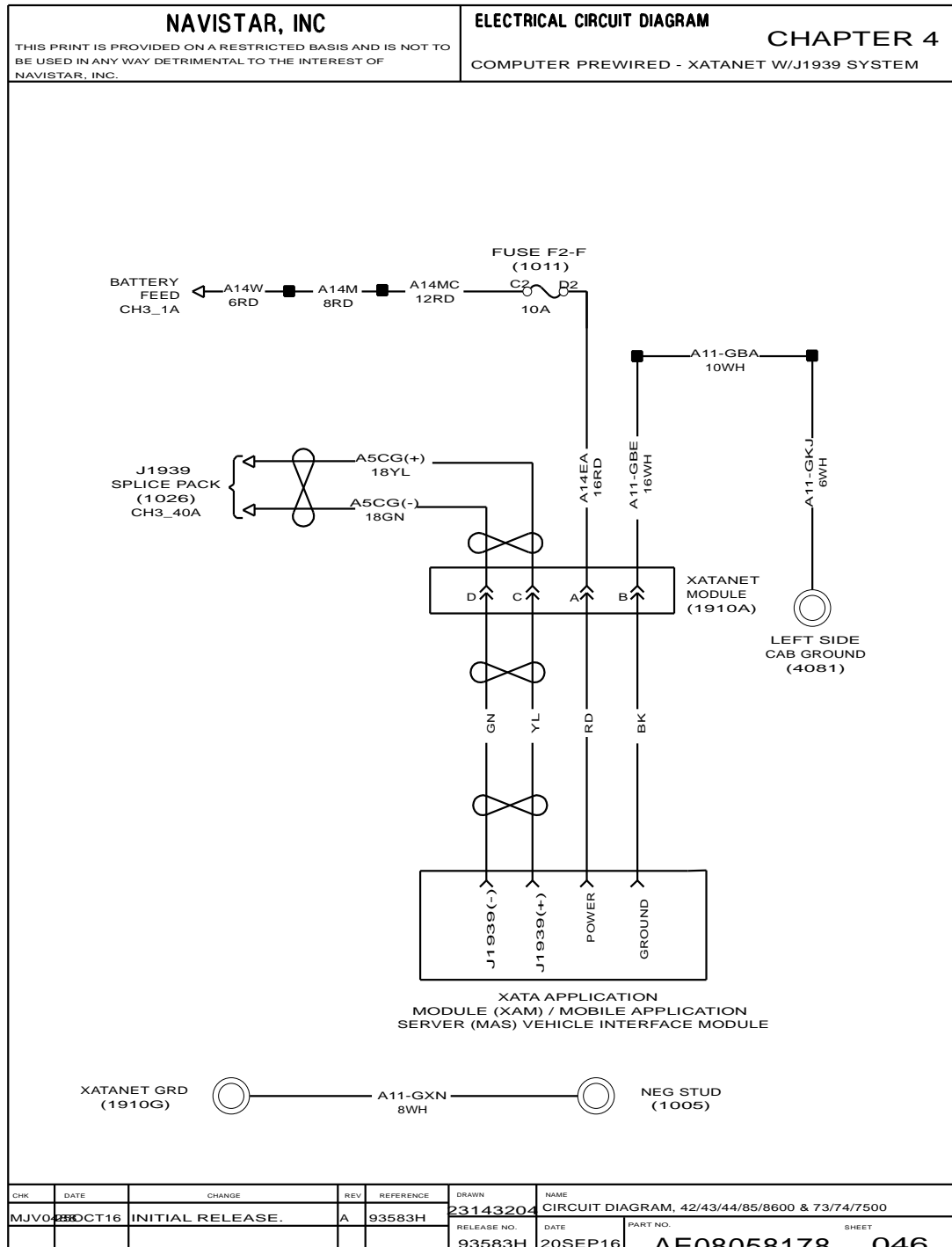


Figure 183 Computer Prewired – Xatanet with J1939 System

4.61. PMG SYSTEM WITH XATANET, P. 47

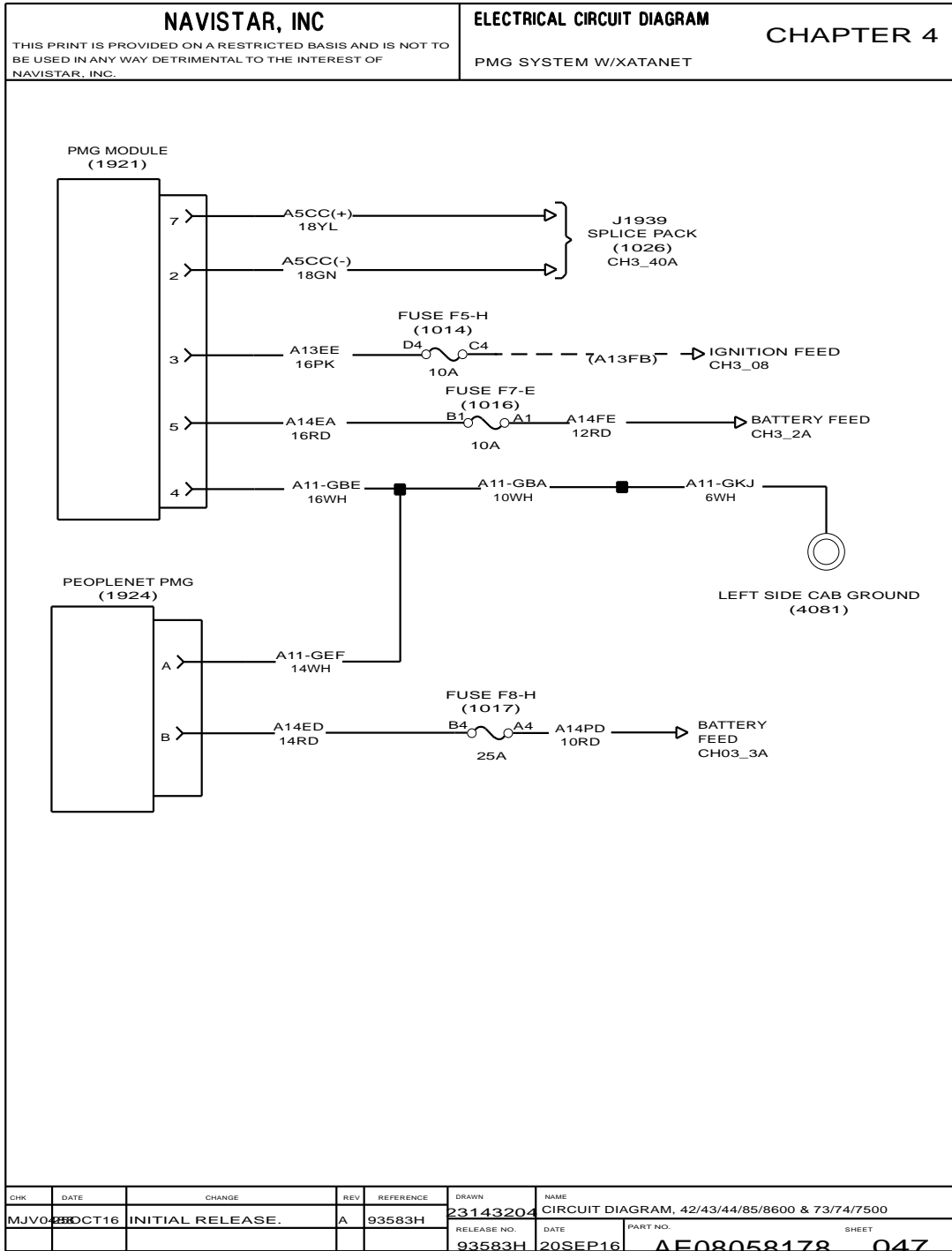


Figure 184 PMG System with Xatanet

# 12V CHARGING AND CRANKING SYSTEM (CHAPTER 5)

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

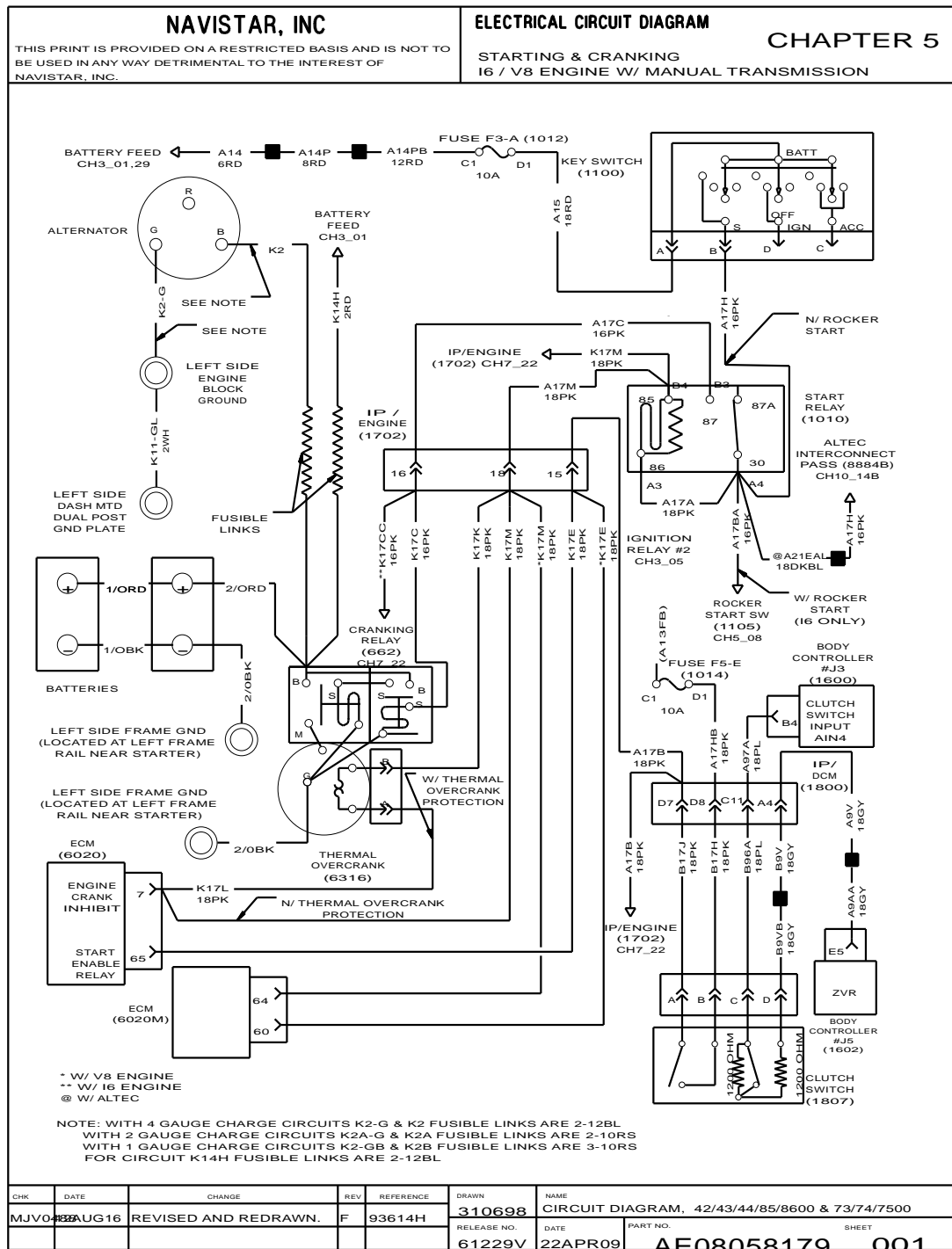


Figure 185 Starting and Cranking I6 / V8 Engines with Manual Transmission

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

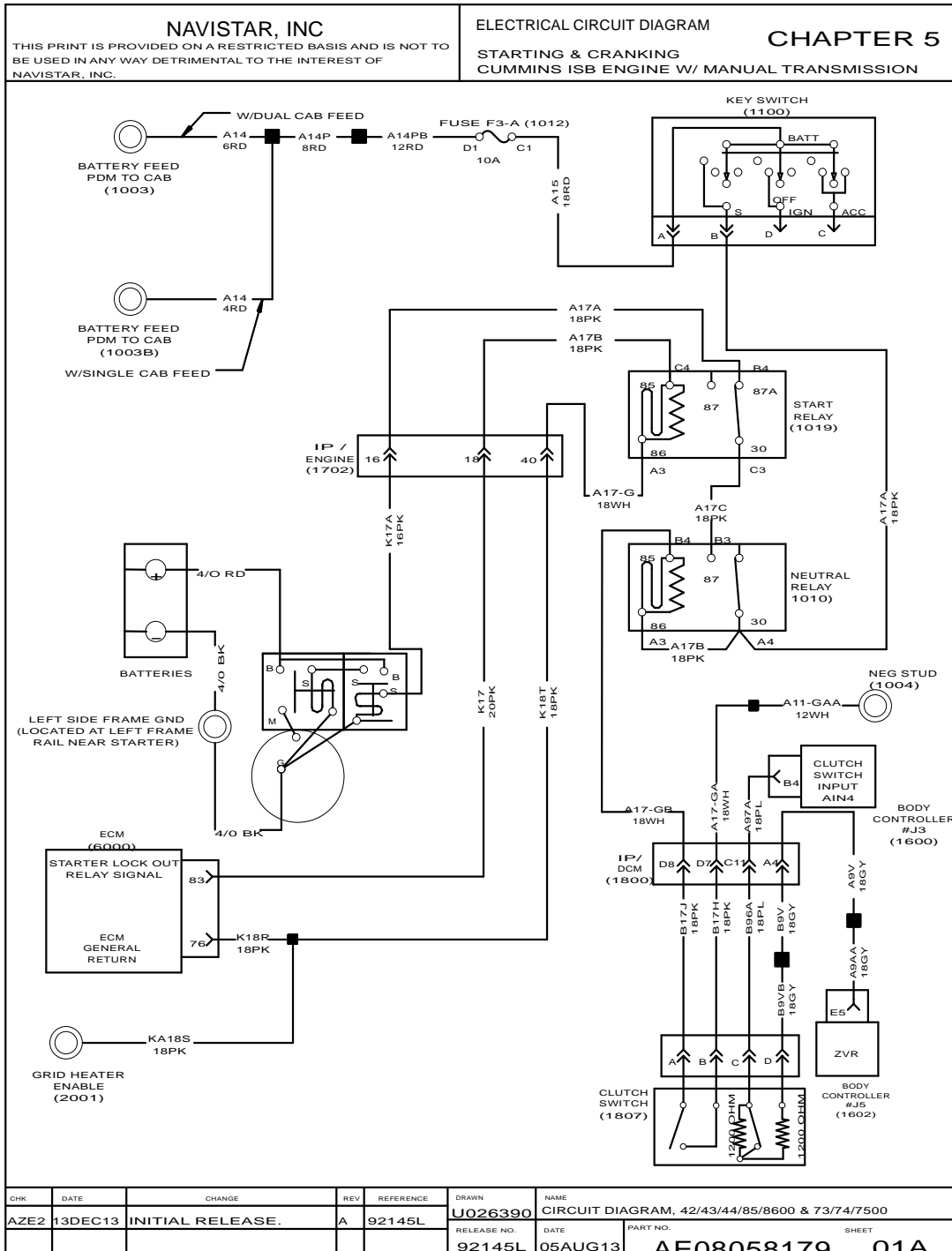
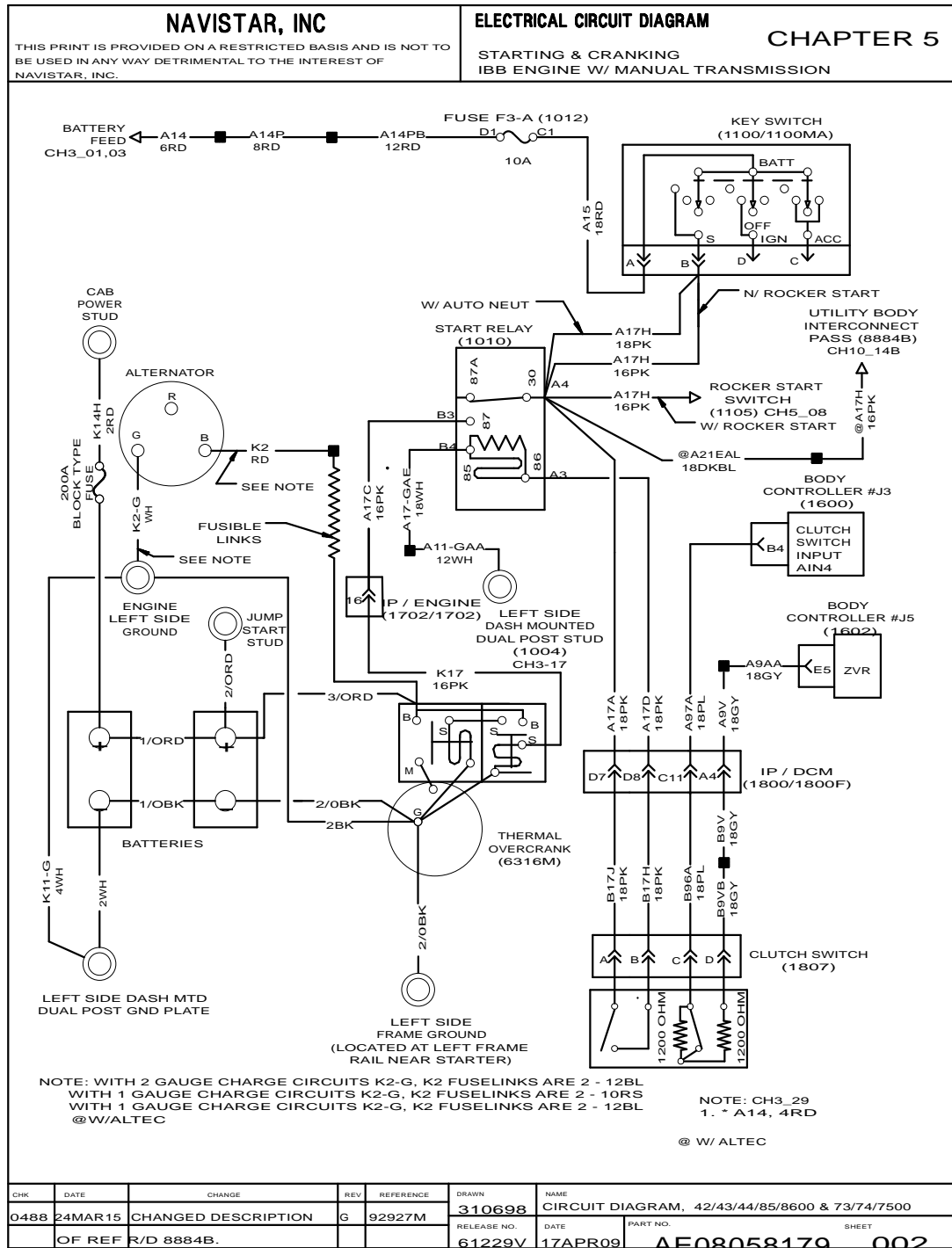


Figure 186 Starting and Cranking Cummins ISB Engine with Manual Transmission

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



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

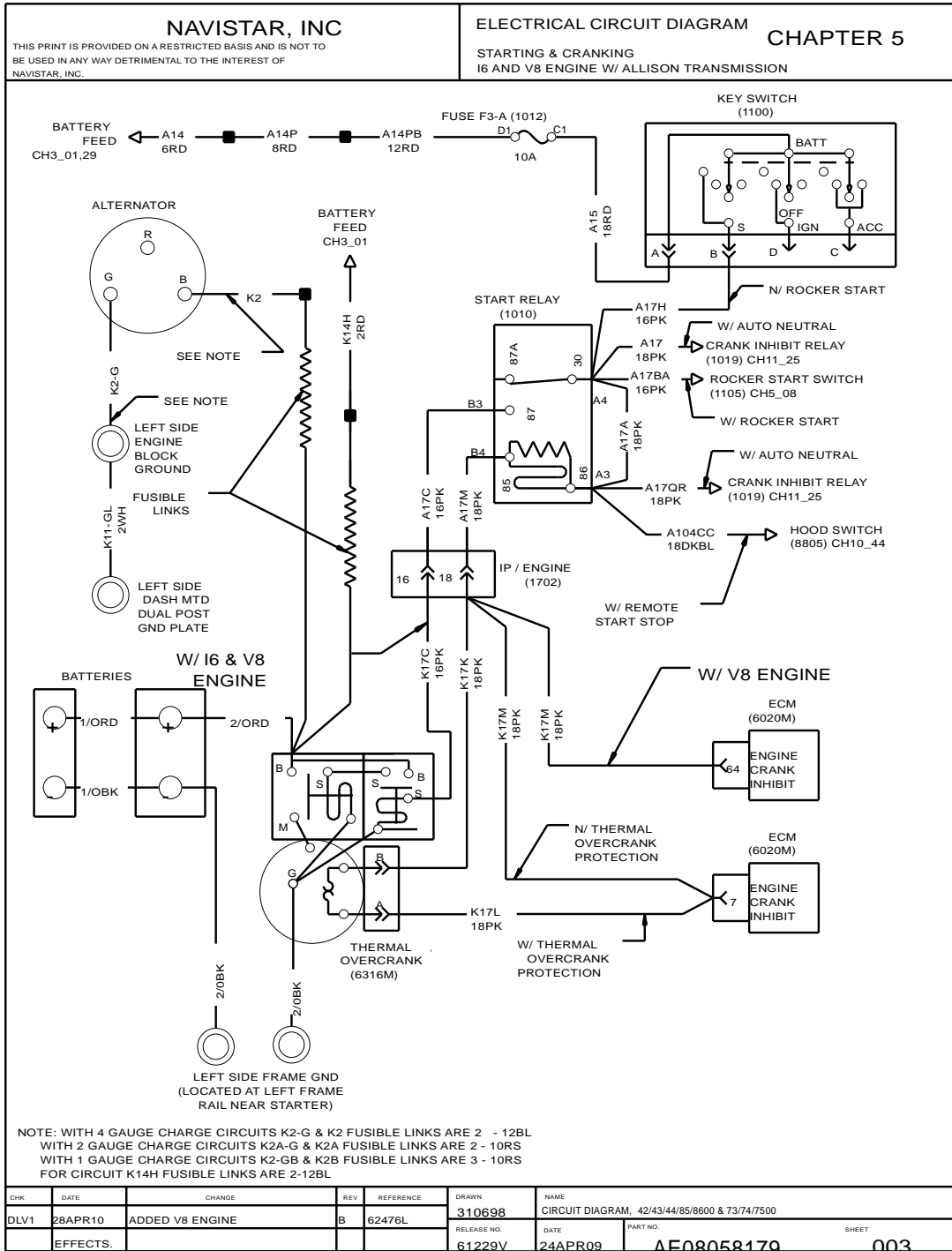


Figure 188 Starting and Cranking I6 and V8 Engine with Allison Transmission



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

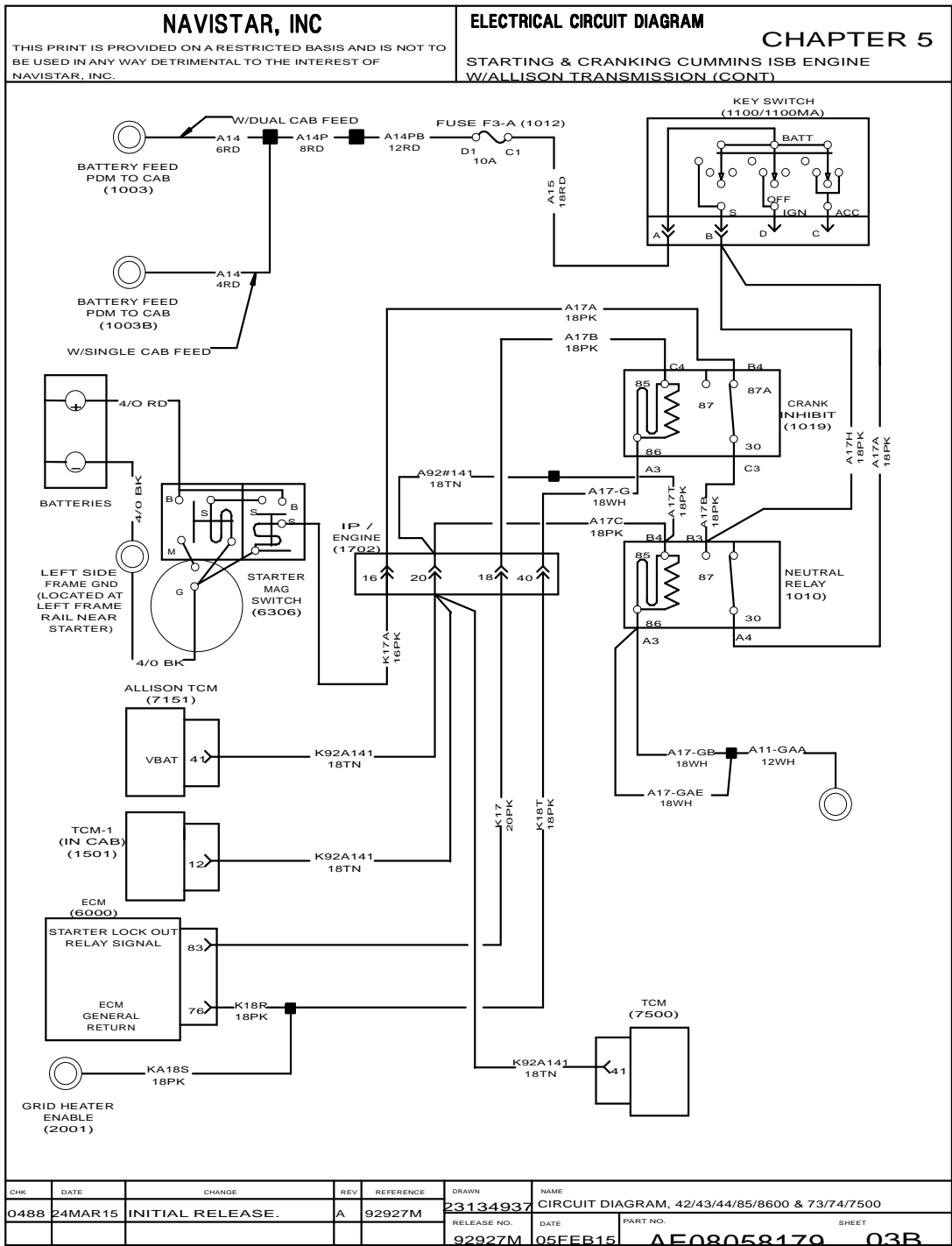


Figure 190 Starting and Cranking Cummins ISB Engine with Allison Transmission (Cont.)



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

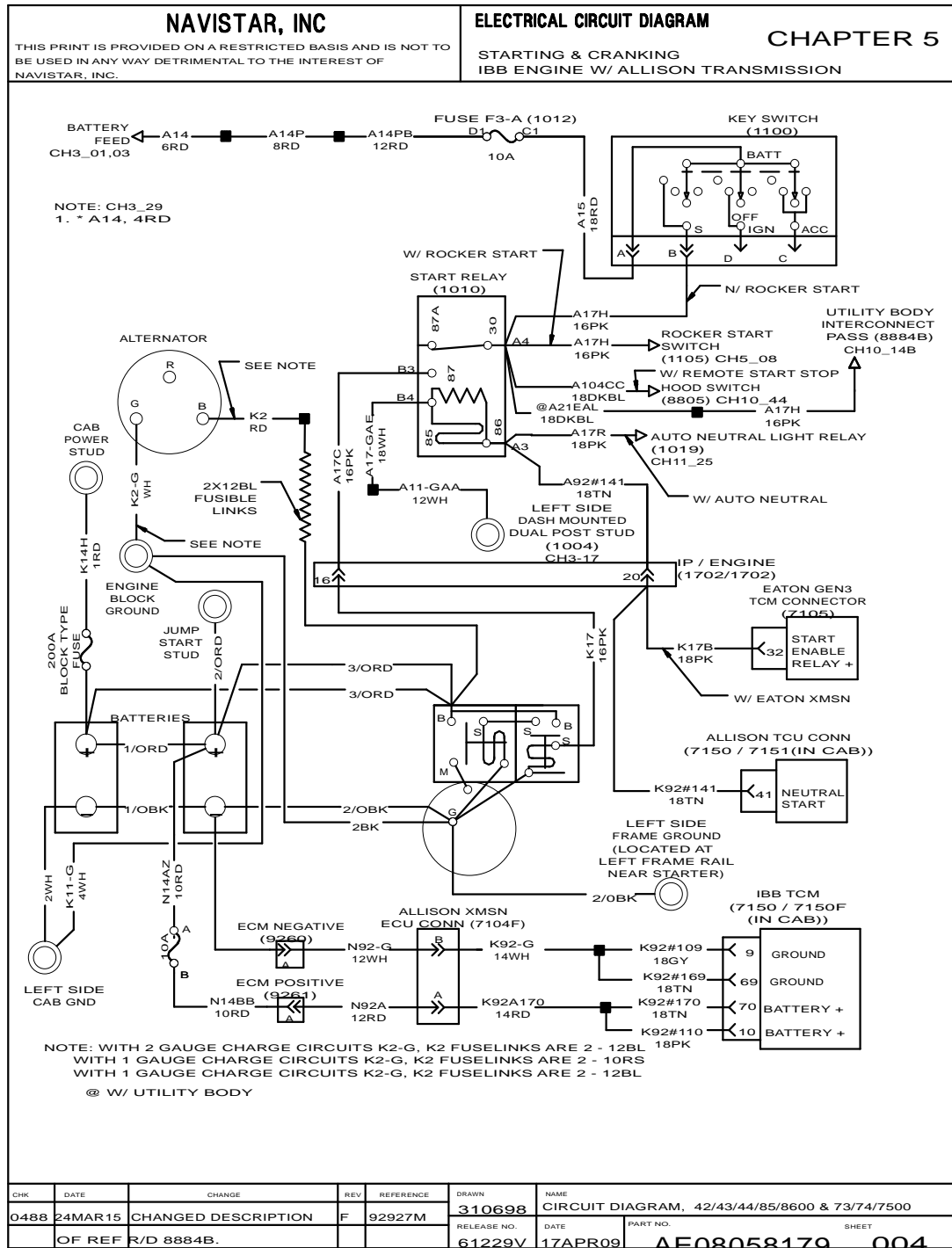


Figure 191 Starting and Cranking IBB Engine with Allison Transmission

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

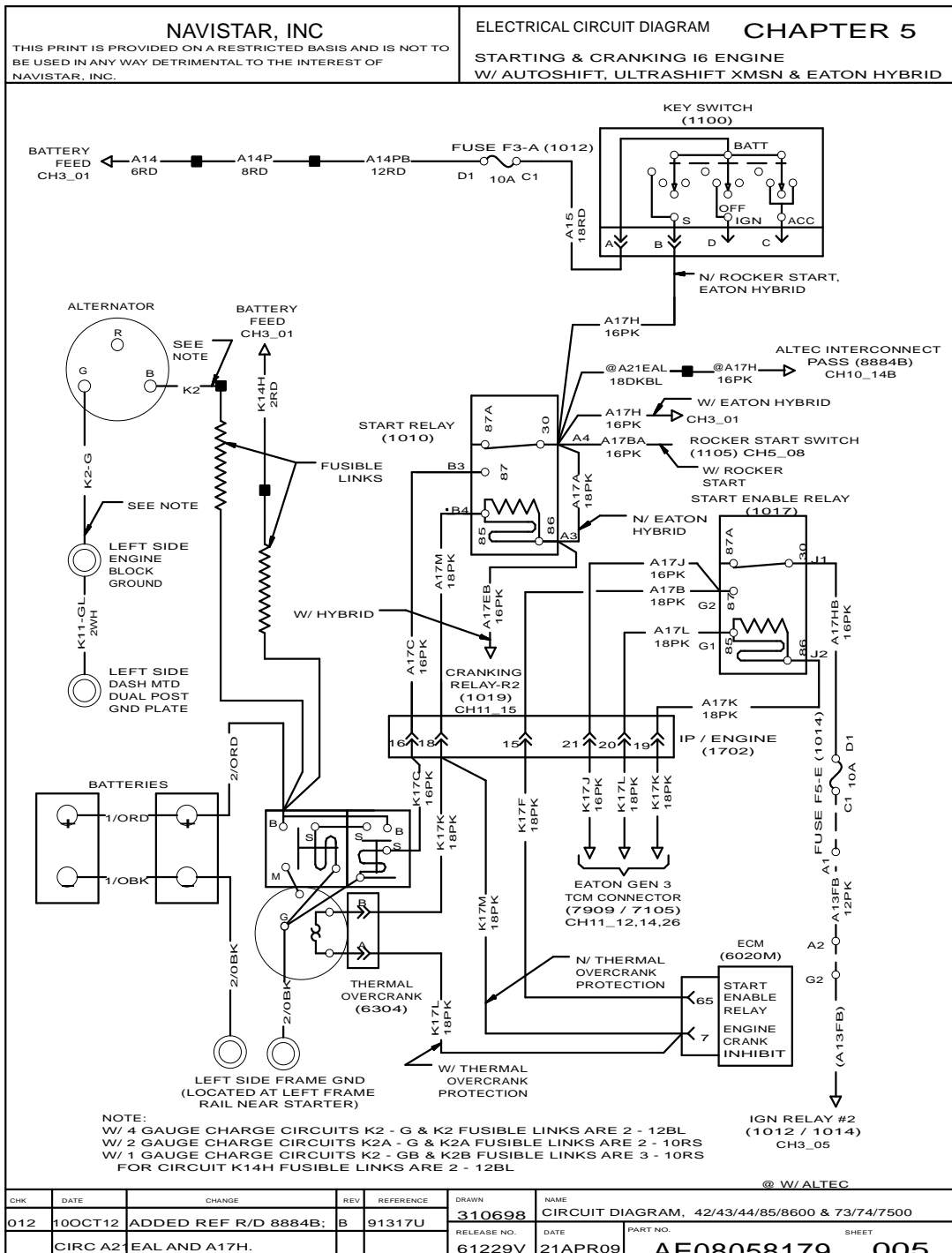


Figure 192 Starting and Cranking I6 Engine with Autoshift, Ultrashift Transmission and Eaton Hybrid

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

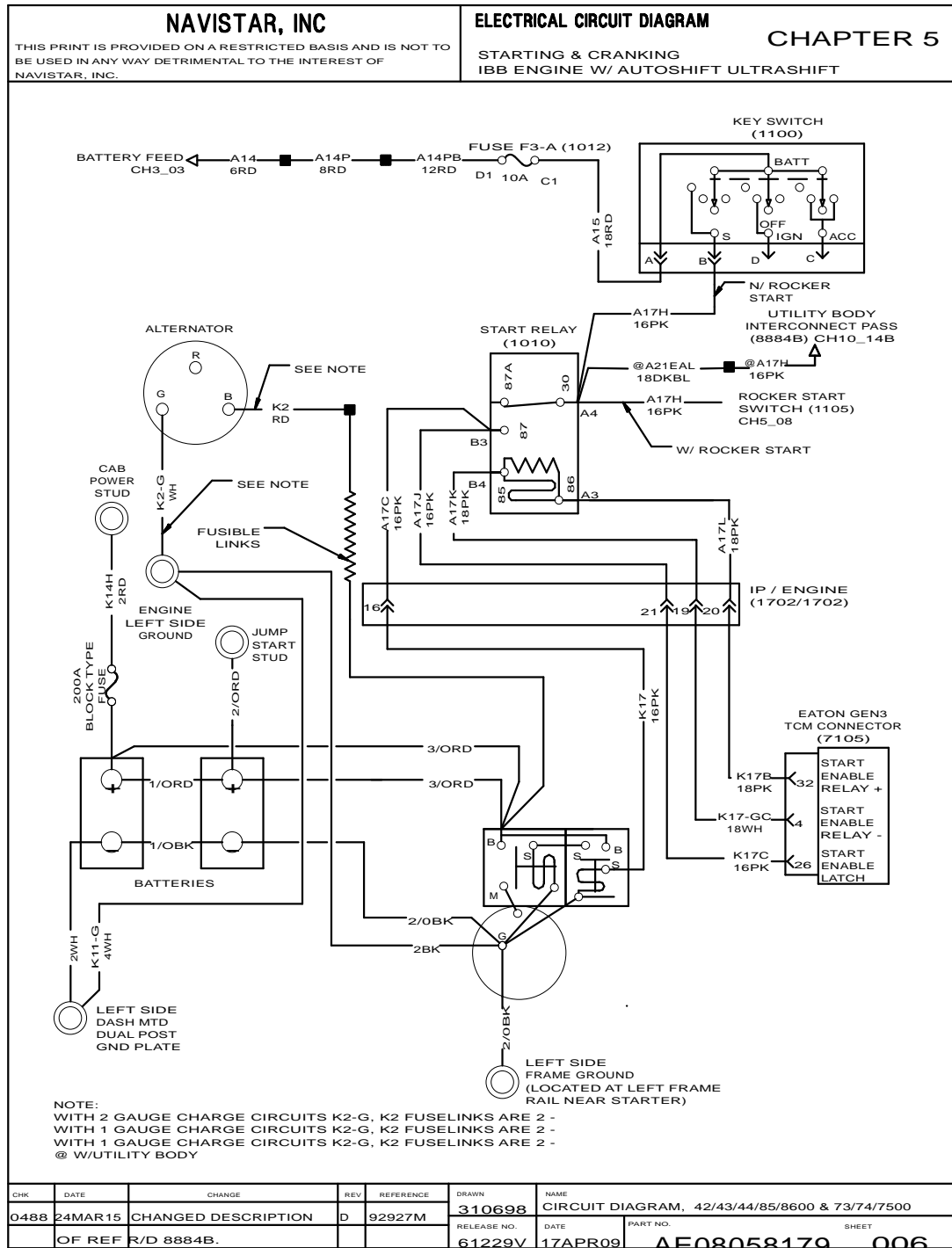


Figure 193 Starting and Cranking IBB Engines with Autoshift Ultrashift

5.10. I6 POWER PACK, P. 7

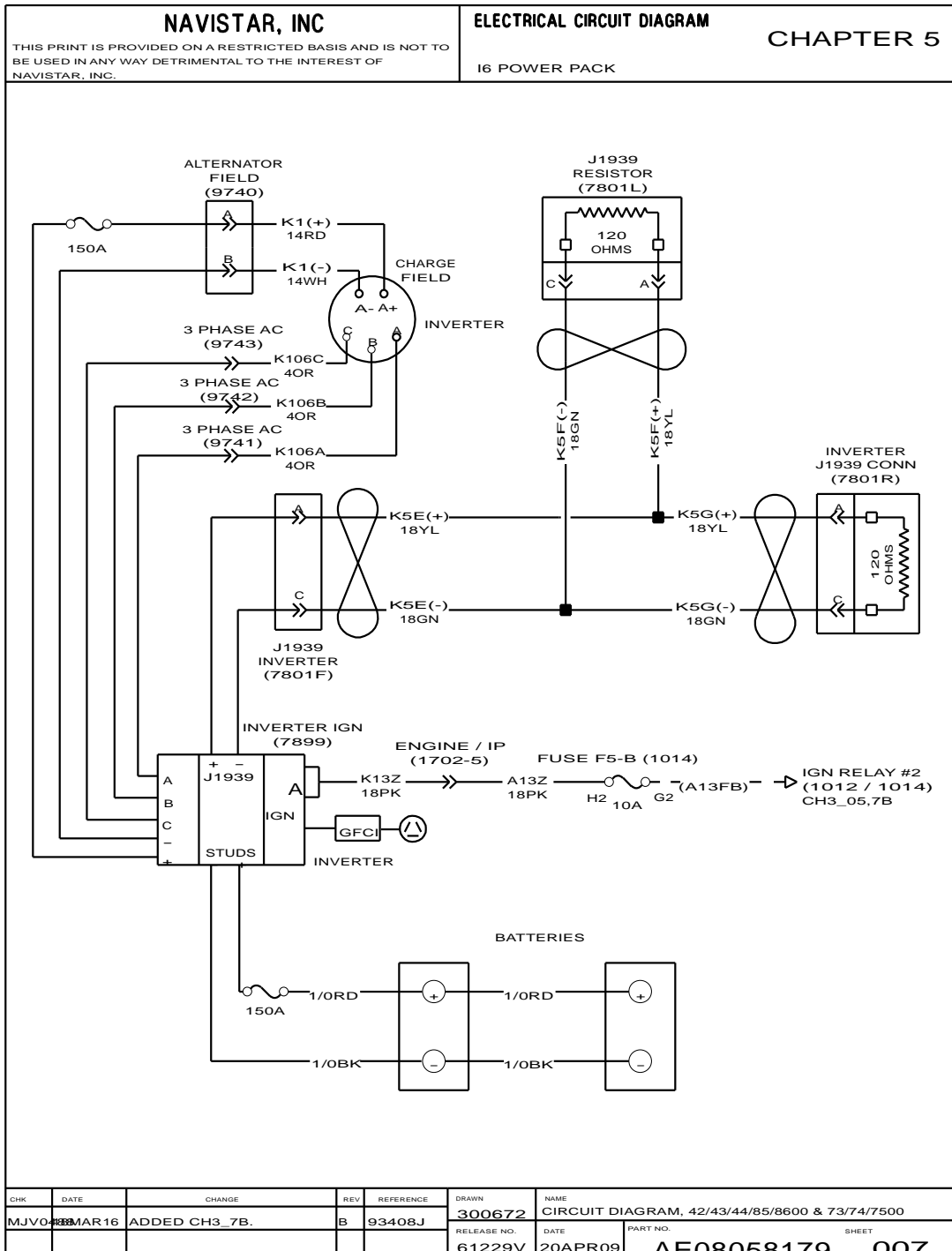


Figure 194 I6 Power Pack

5.11. ROCKER START, P. 8

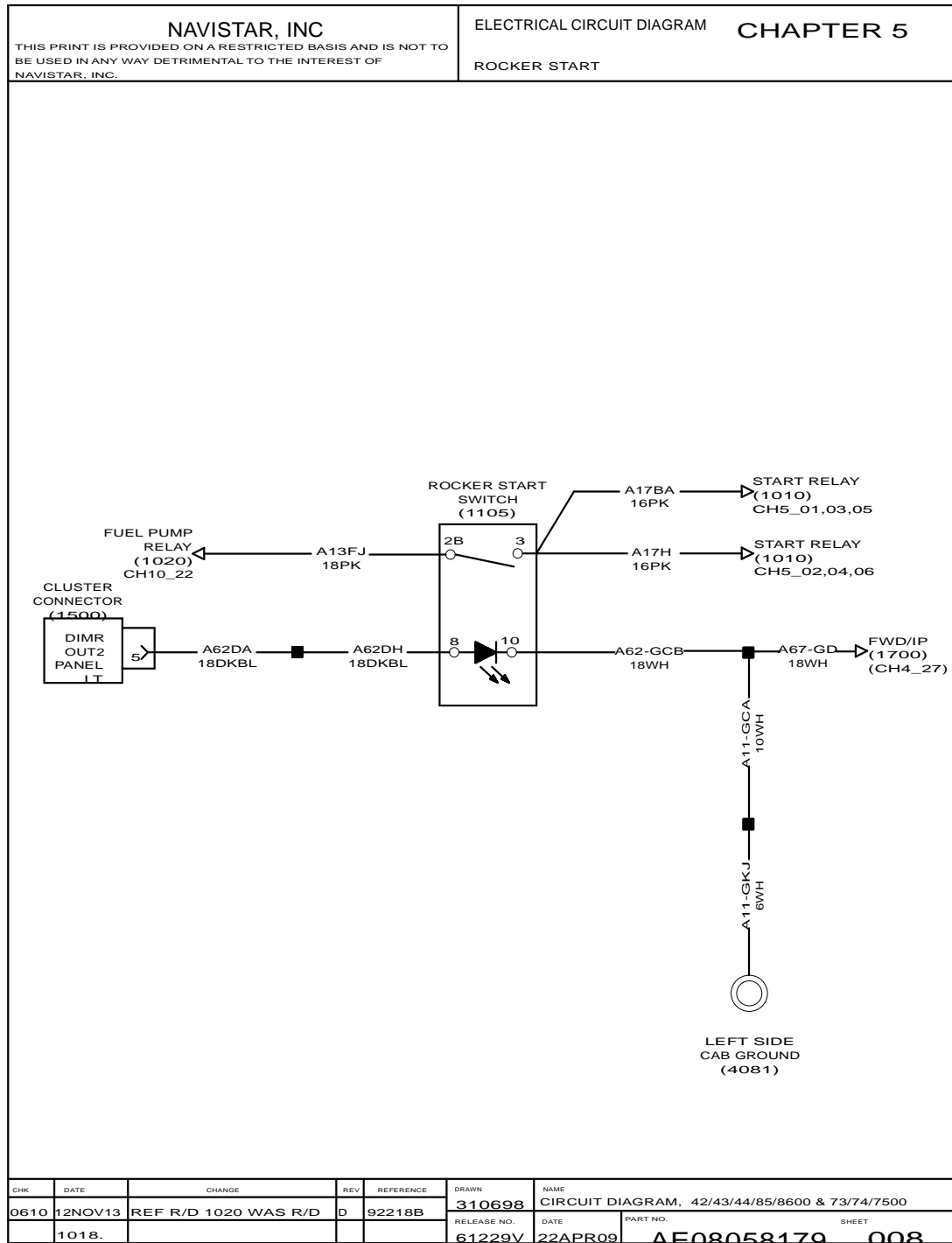
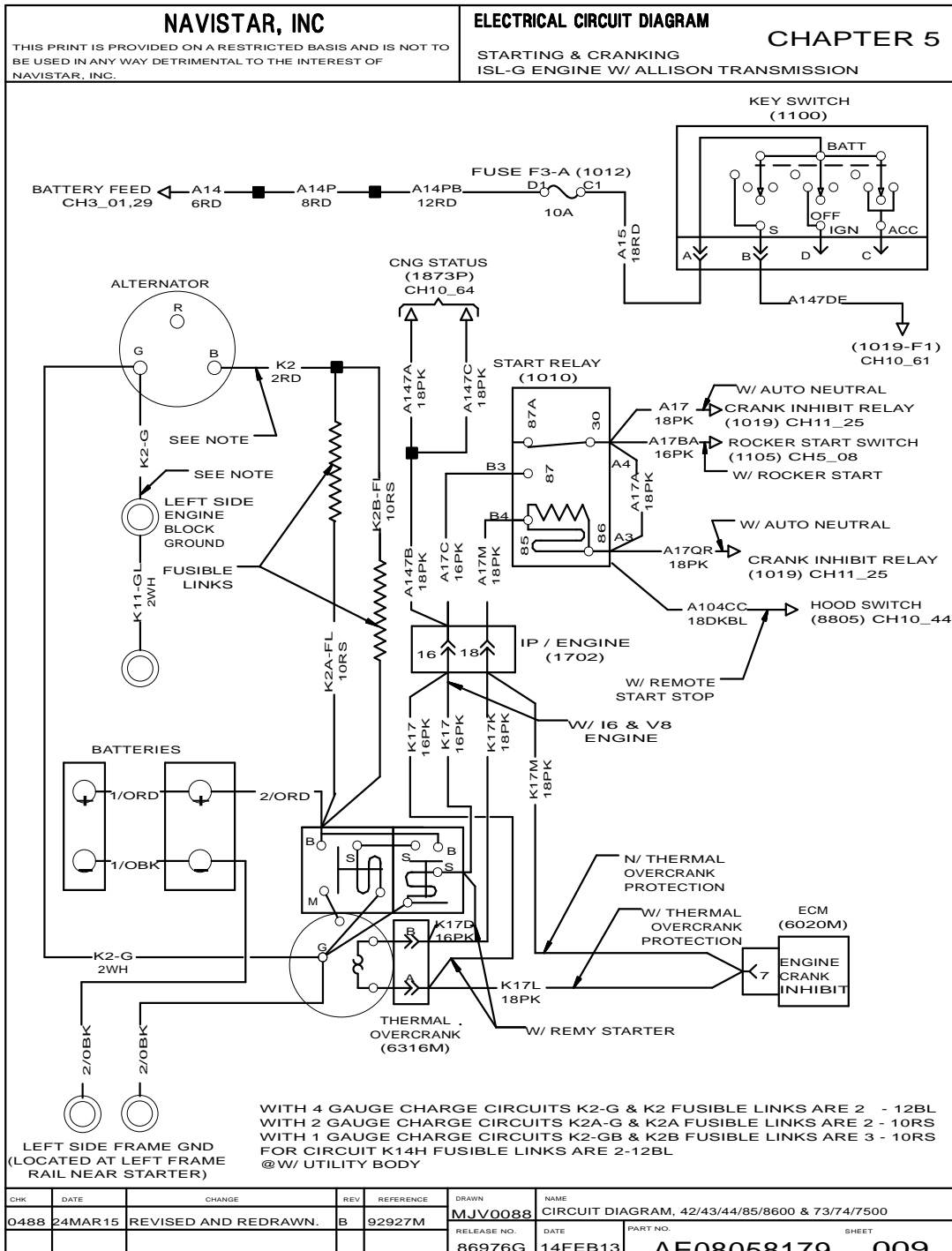


Figure 195 Rocker Start

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



5.13. STARTER – ALTERNATOR CONNECTIONS, P. 10

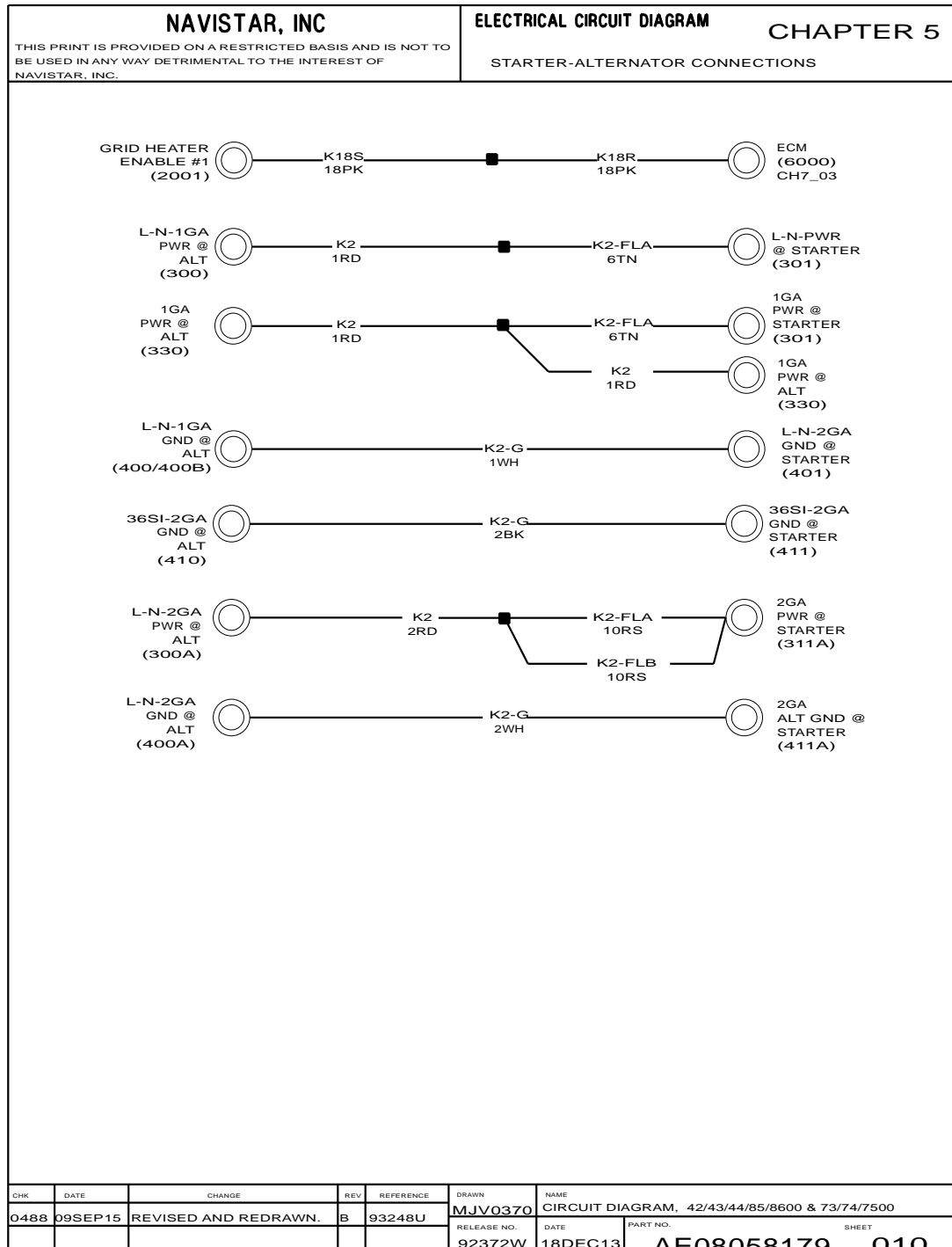


Figure 197 Starter – Alternator Connections

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

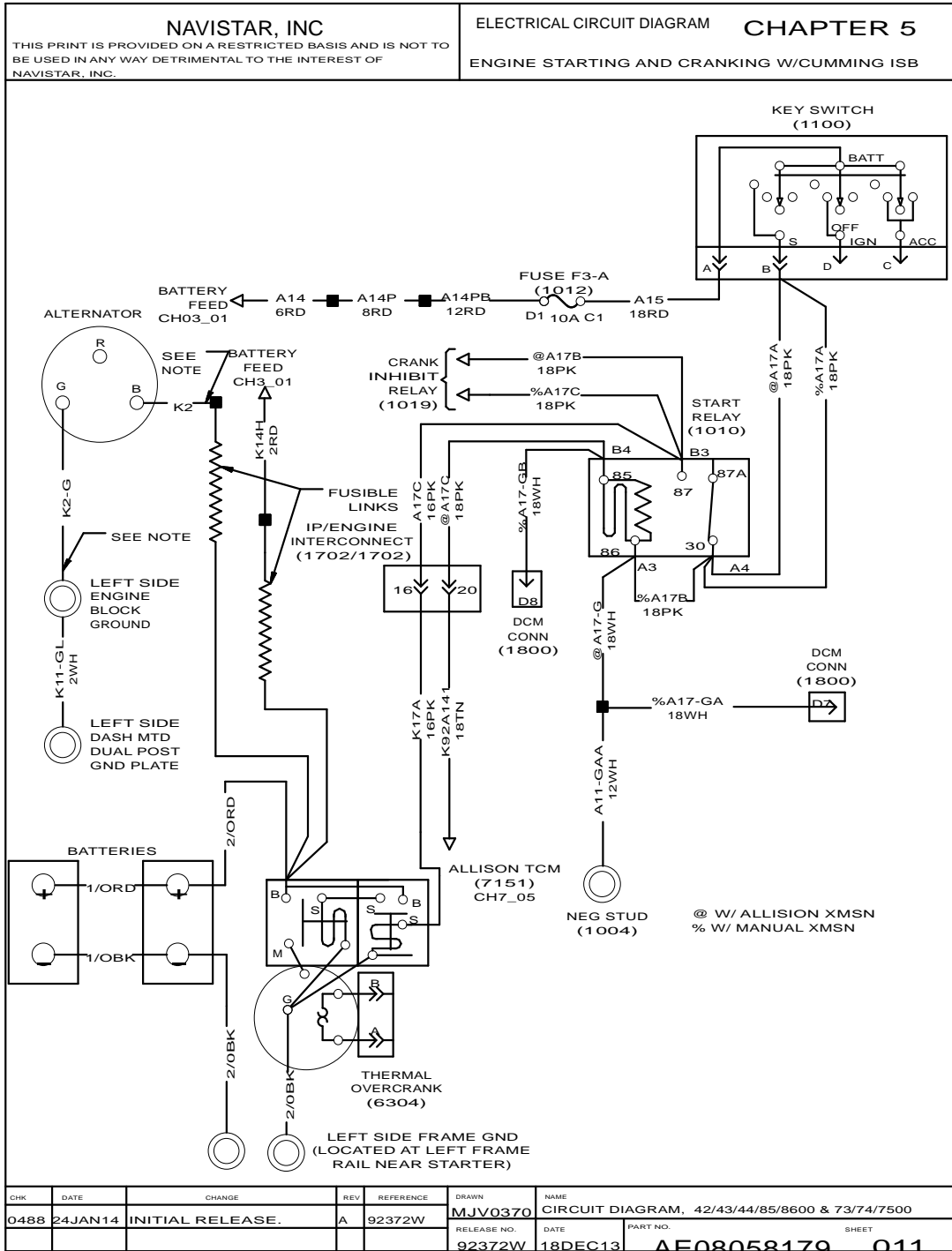


Figure 198 Engine Starting and Cranking with Cummins ISB



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

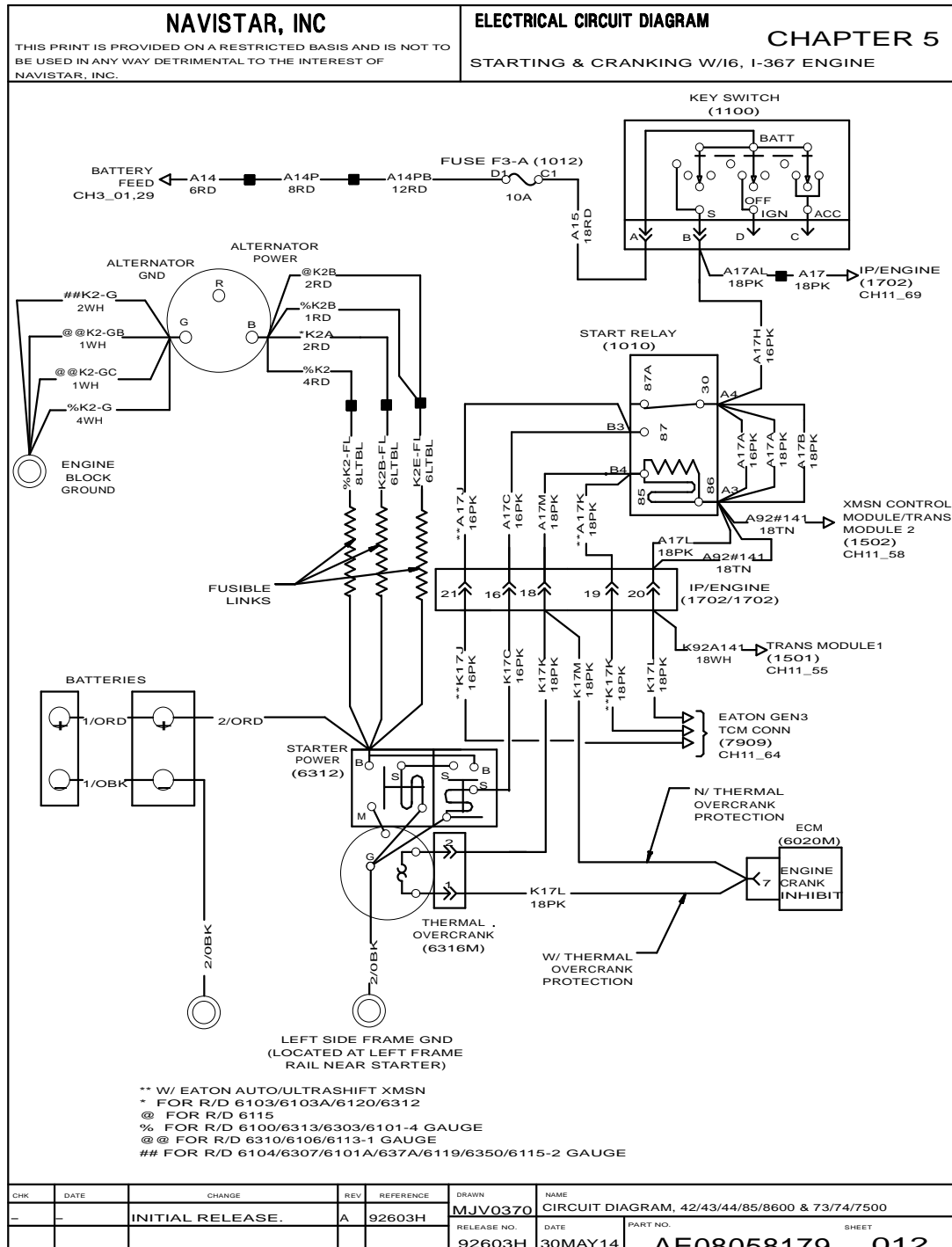


Figure 199 Starting & Cranking with I6, I-367 Engine

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

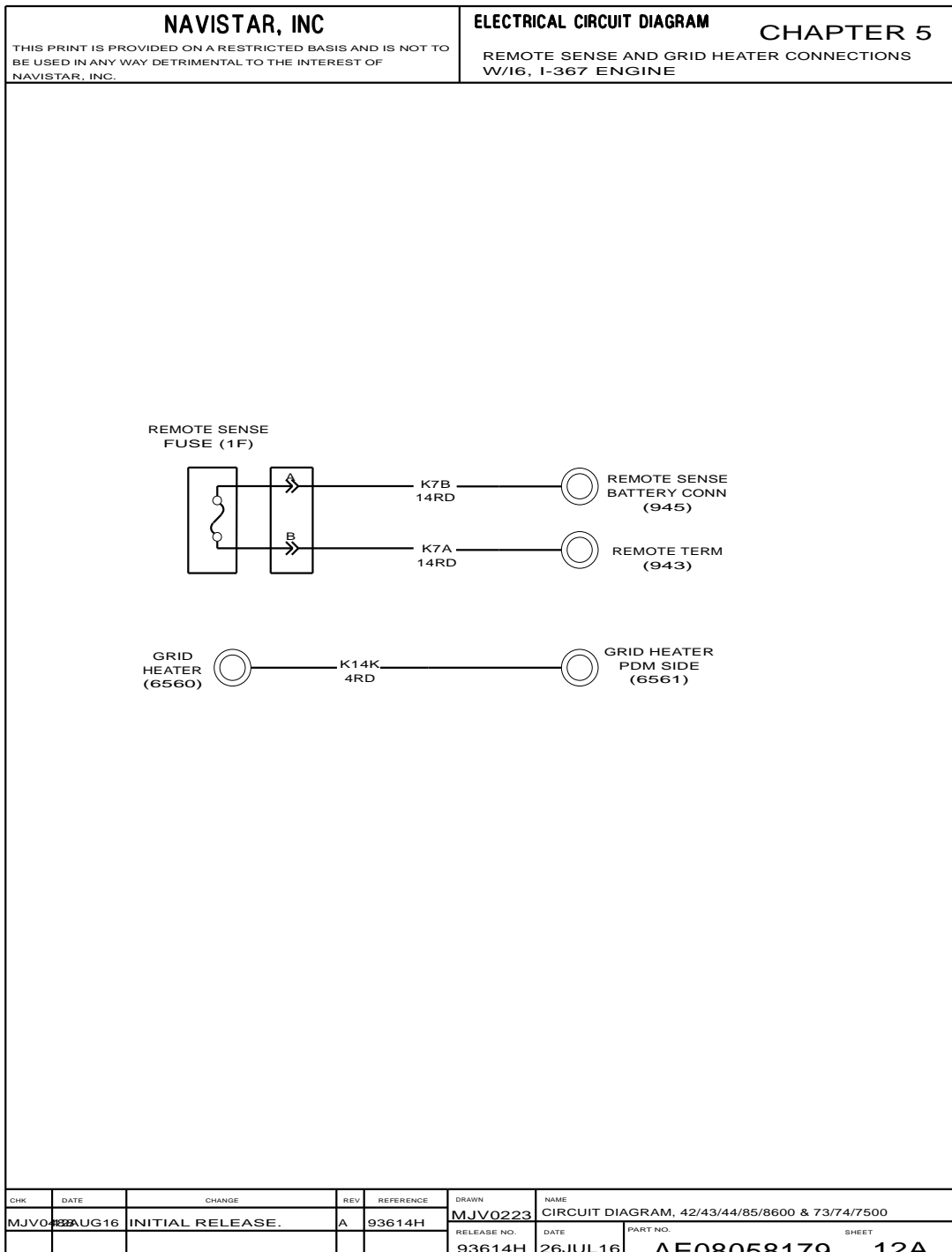


Figure 200 Remote Sense and Grid Heater Connections with I6, I-367 Engine

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

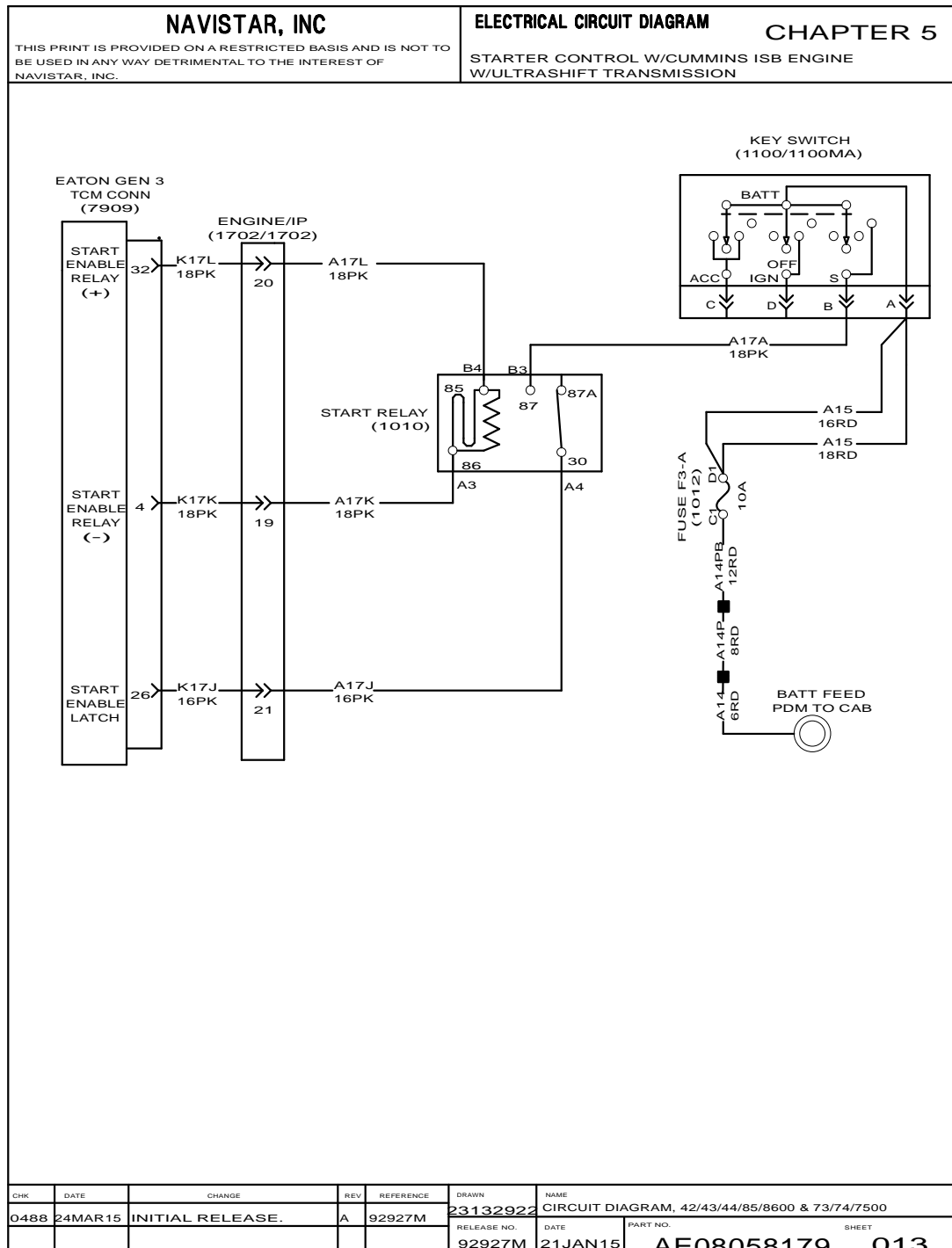


Figure 201 Starter Control with Cummins ISB Engine with Ultrashift Transmission

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

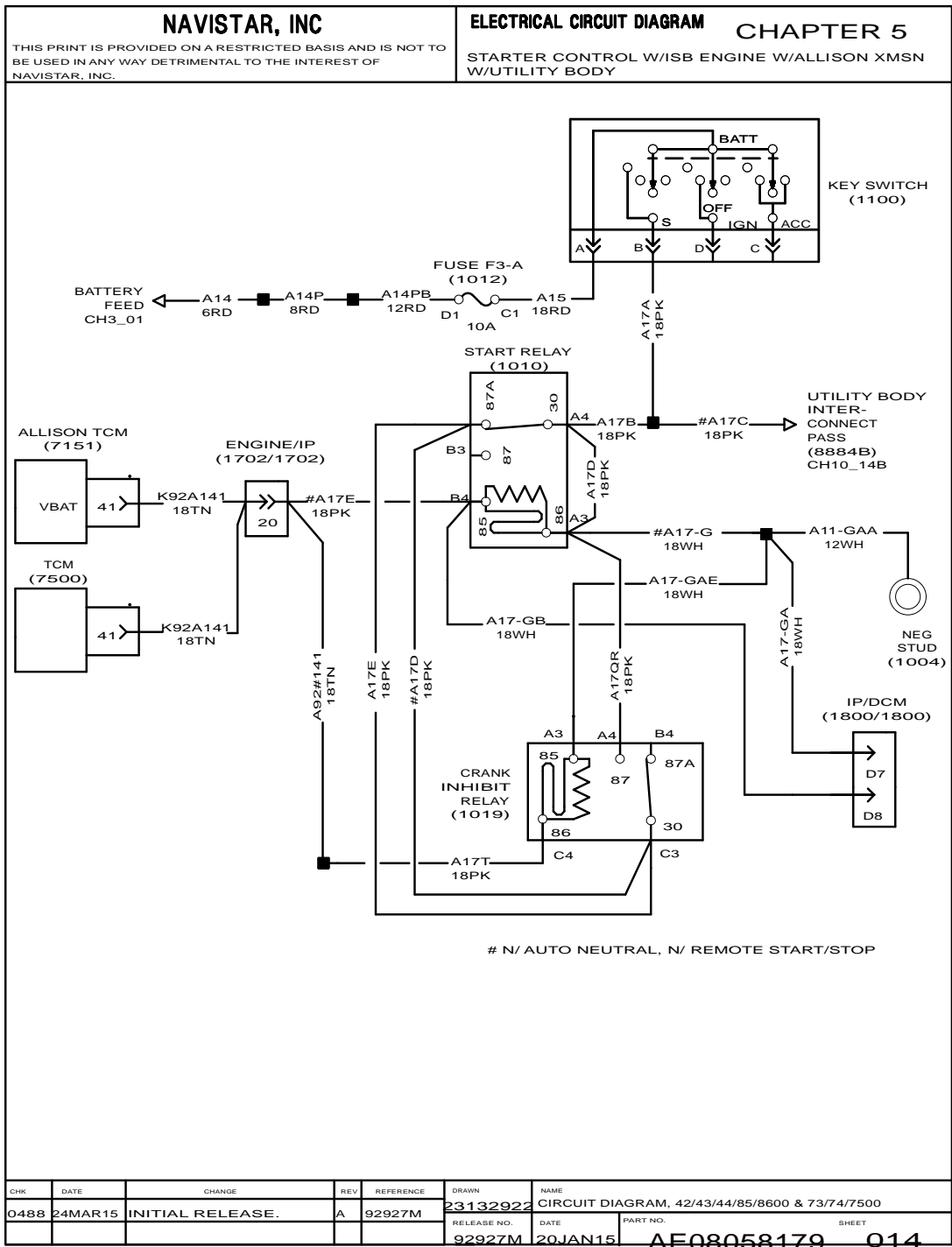


Figure 202 Starter Control with ISB Engine with Allison Transmission with Utility Body

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

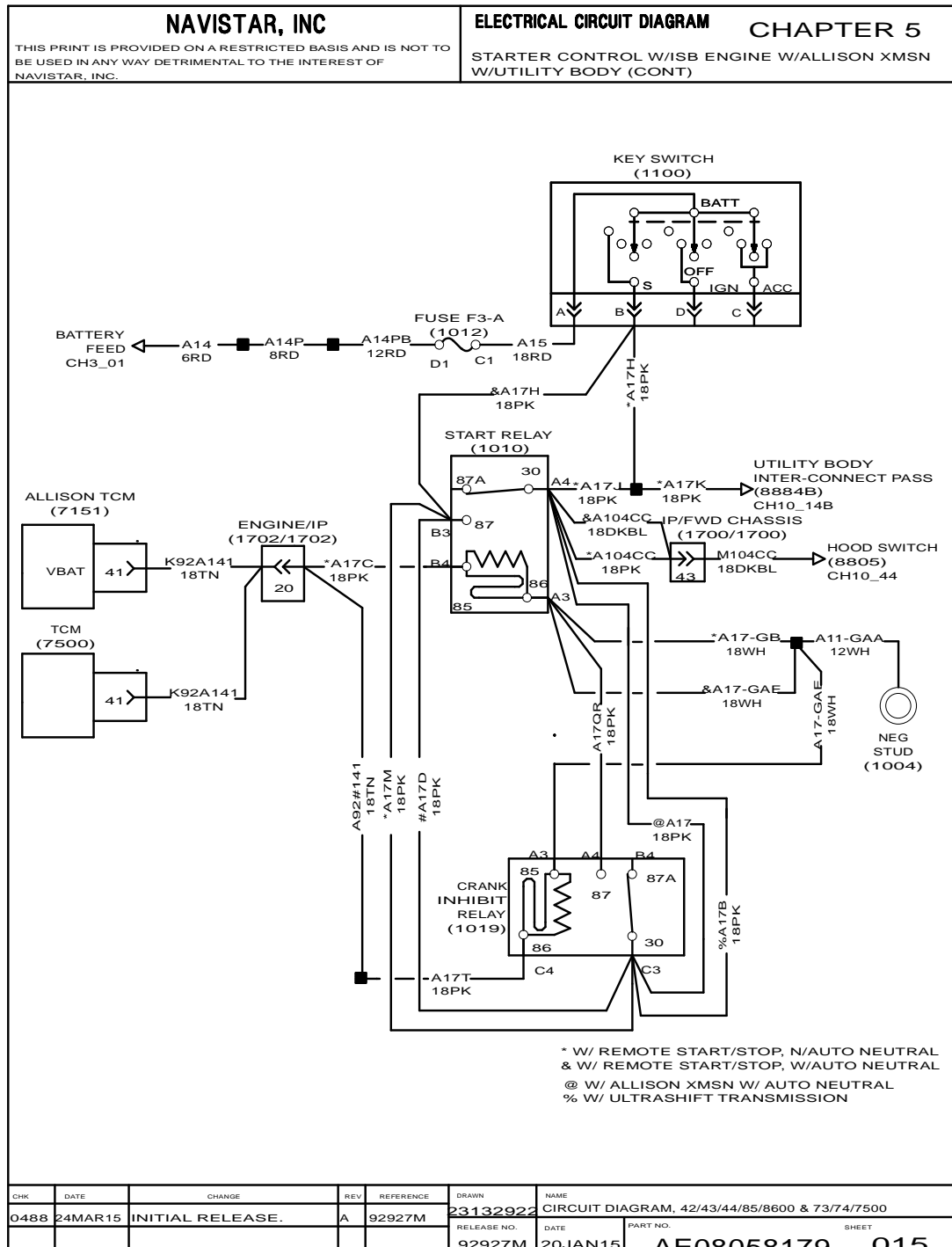


Figure 203 Starter Control with ISB Engine with Allison Transmission with Utility Body (Cont.)



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

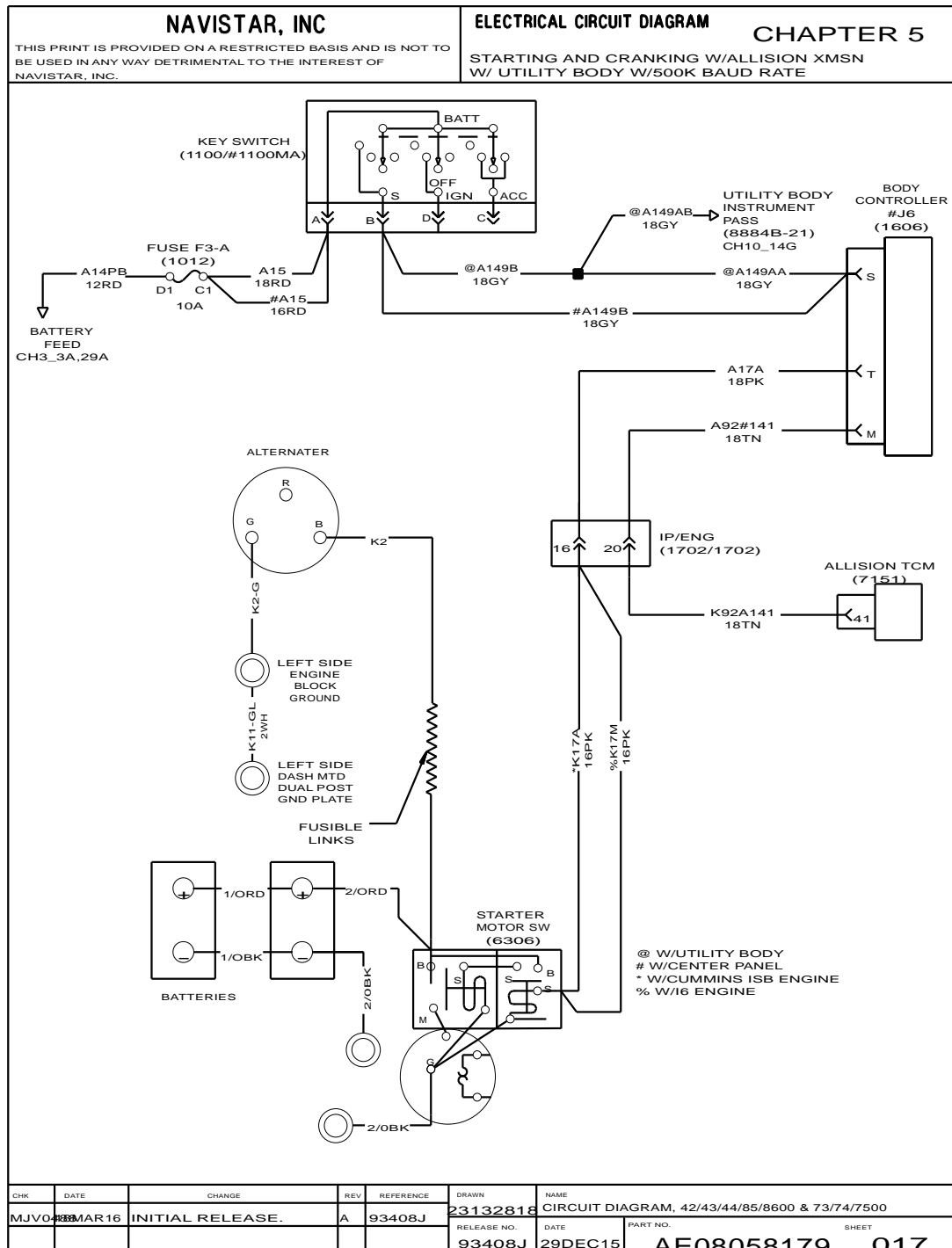


Figure 205 Starting and Cranking with Allison Transmission with Utility Body with 500K Baud Rate

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

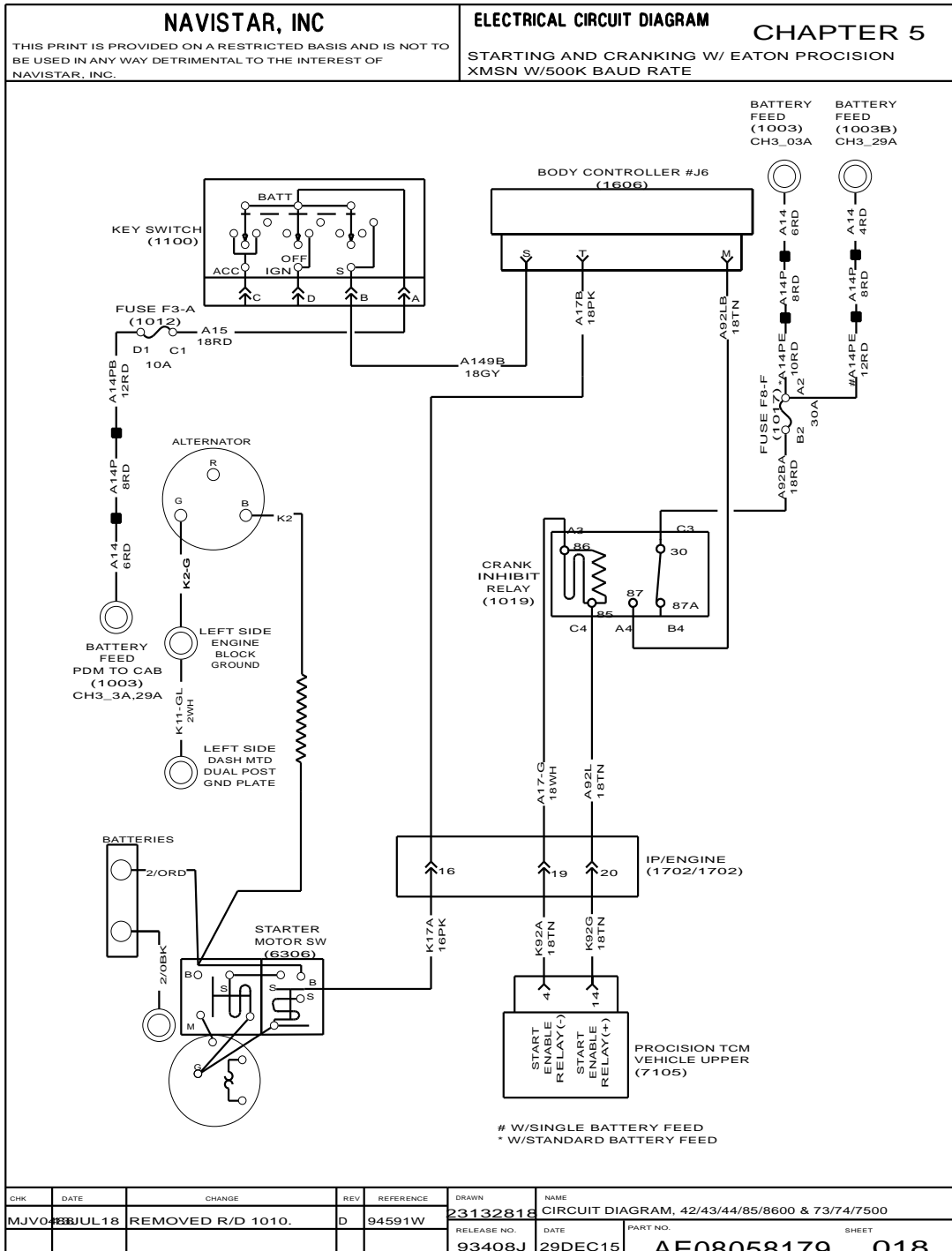


Figure 206 Starting and Cranking with Eaton Procision Transmission with 500K Baud Rate



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

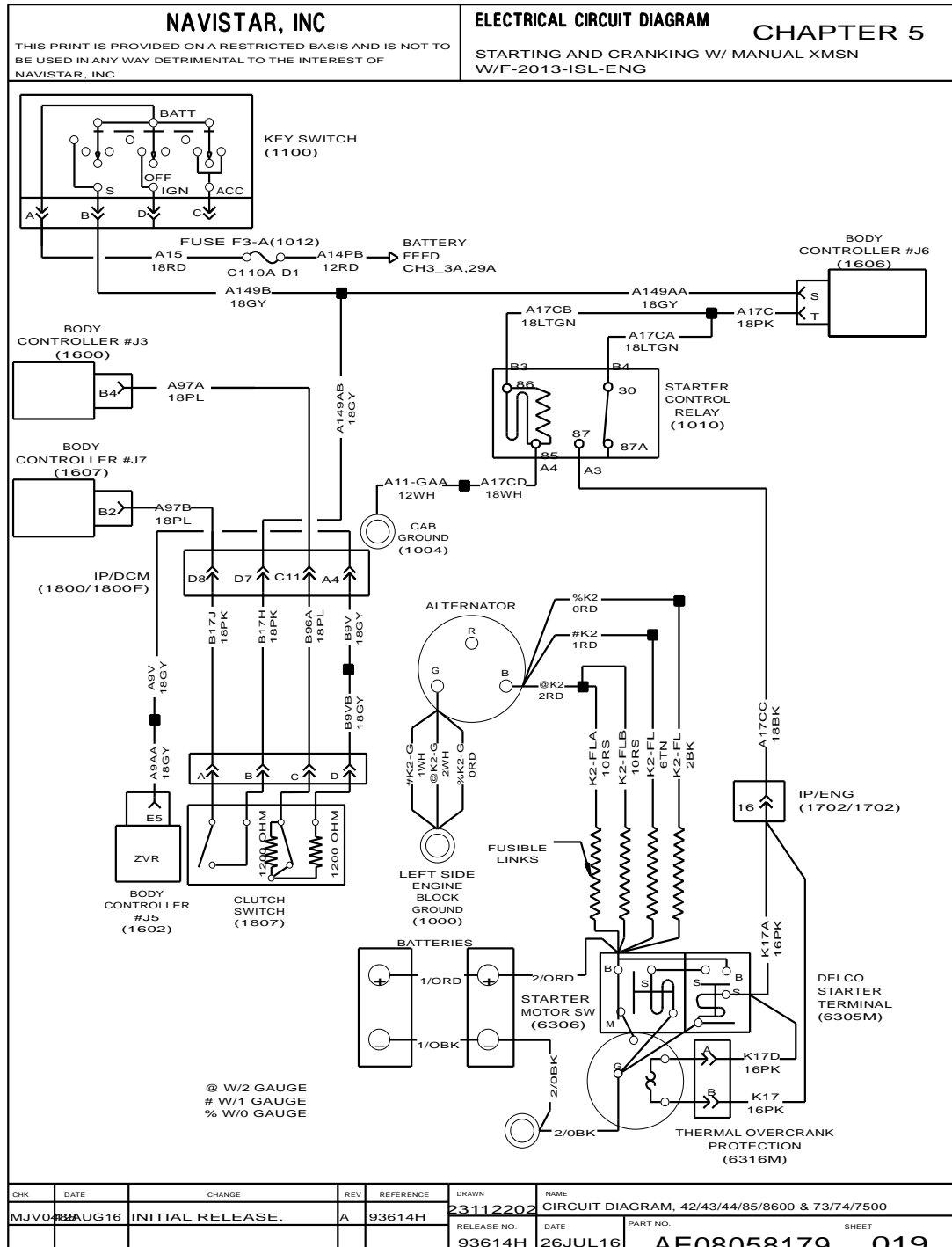


Figure 207 Starting and Cranking with Manual Transmission with F-2013 – ISL Engine

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

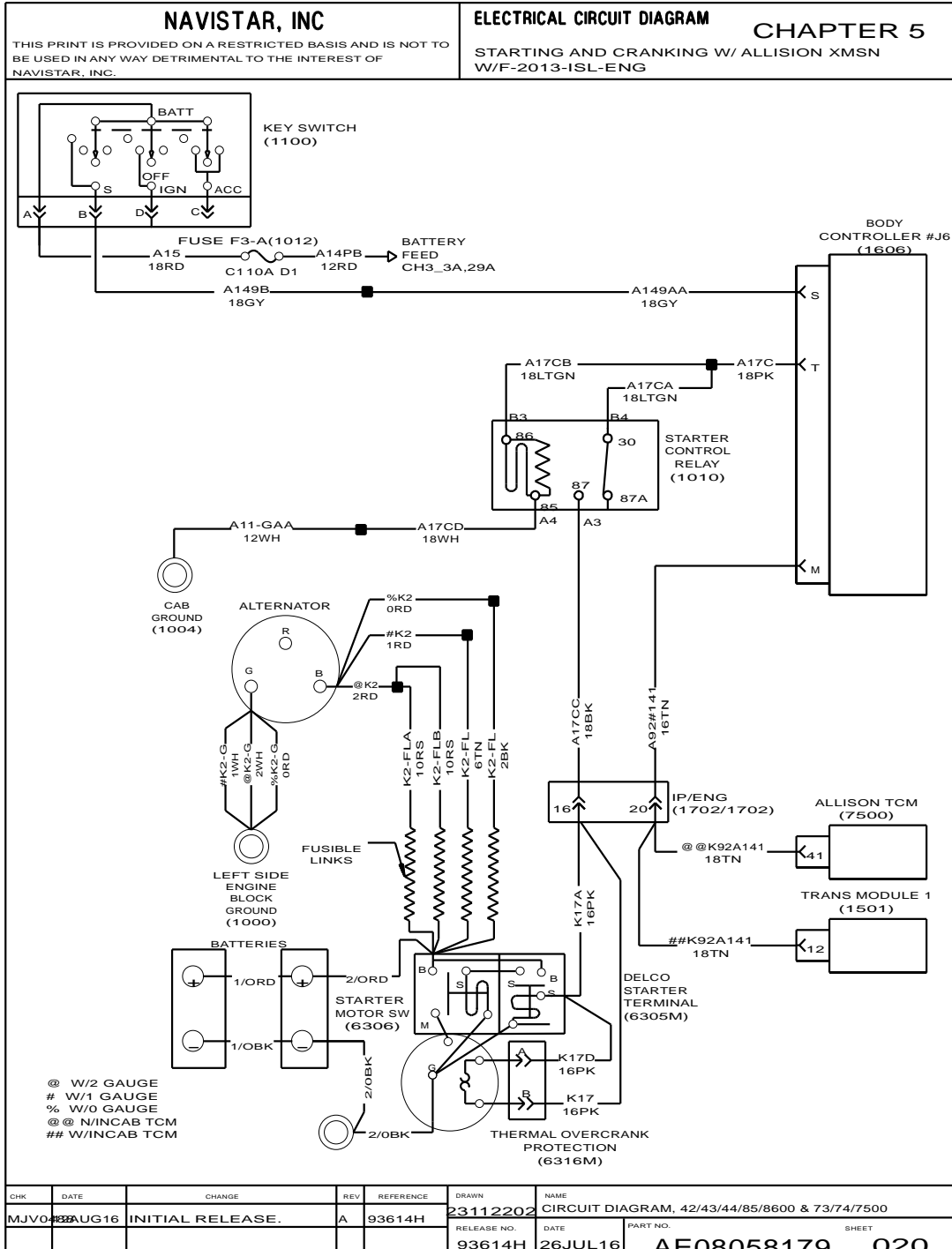


Figure 208 Starting and Cranking with Allison Transmission with F-2013 – ISL Engine

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

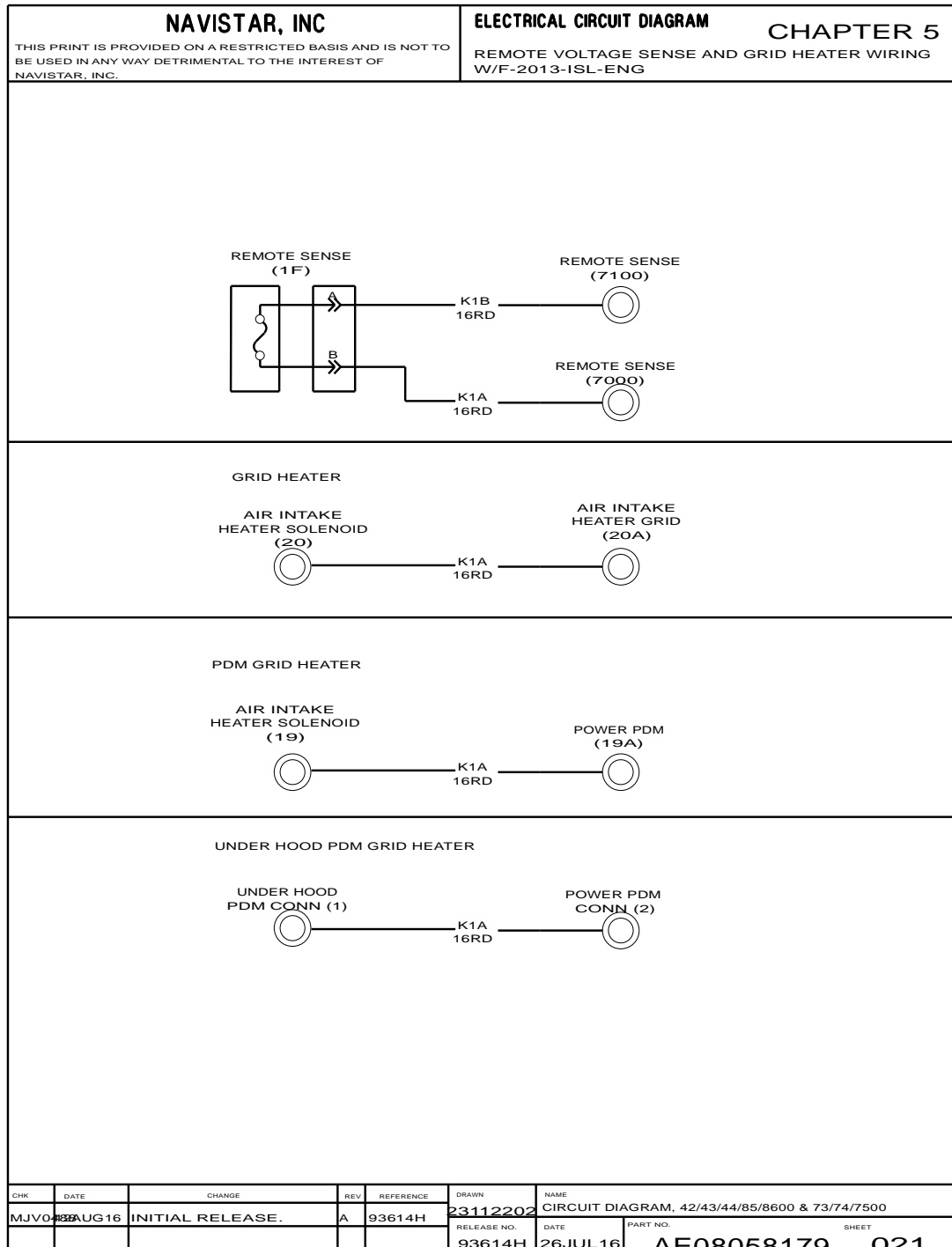


Figure 209 Remote Voltage Sense and Grid Heater Wiring with F-2013 – ISL Engine



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

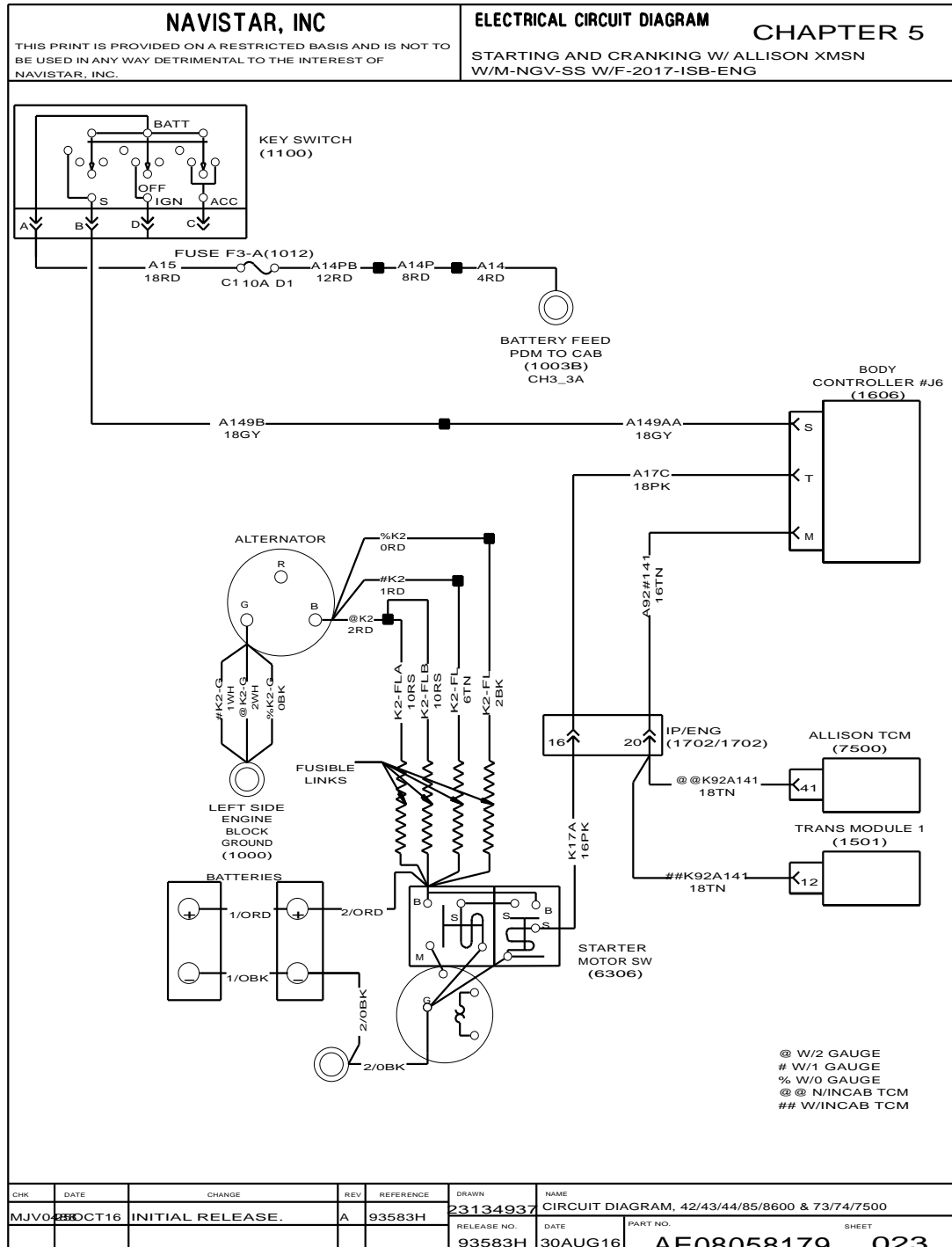


Figure 211 Starting and Cranking with Allison Transmission with M-NGV-SS with F-2017-ISB Engine

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

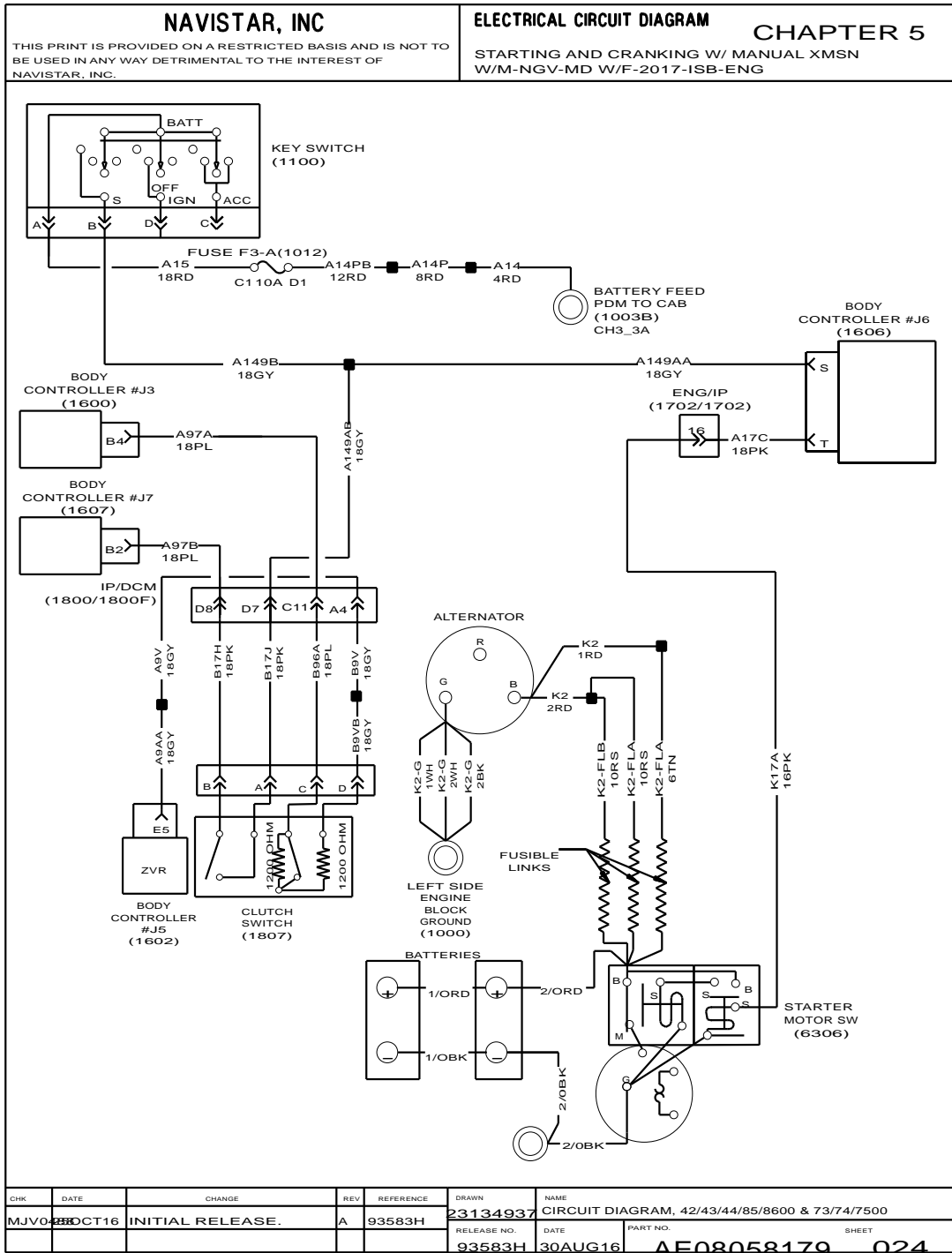


Figure 212 Starting and Cranking with Manual Transmission with M-NGV-MD with F-2017-ISB Engine

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

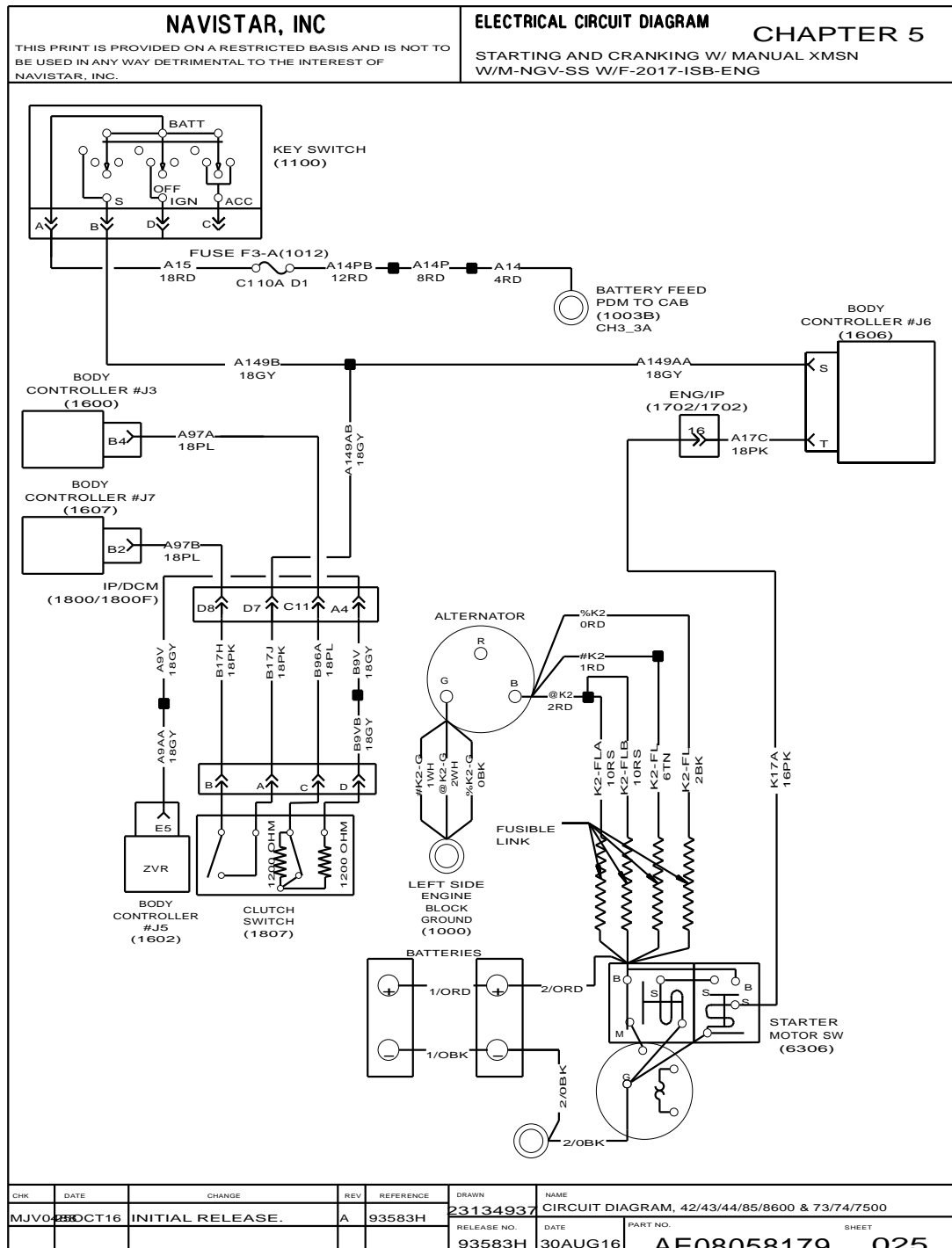


Figure 213 Starting and Cranking with Manual Transmission with M-NGV-SS with F-2017-ISB Engine

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

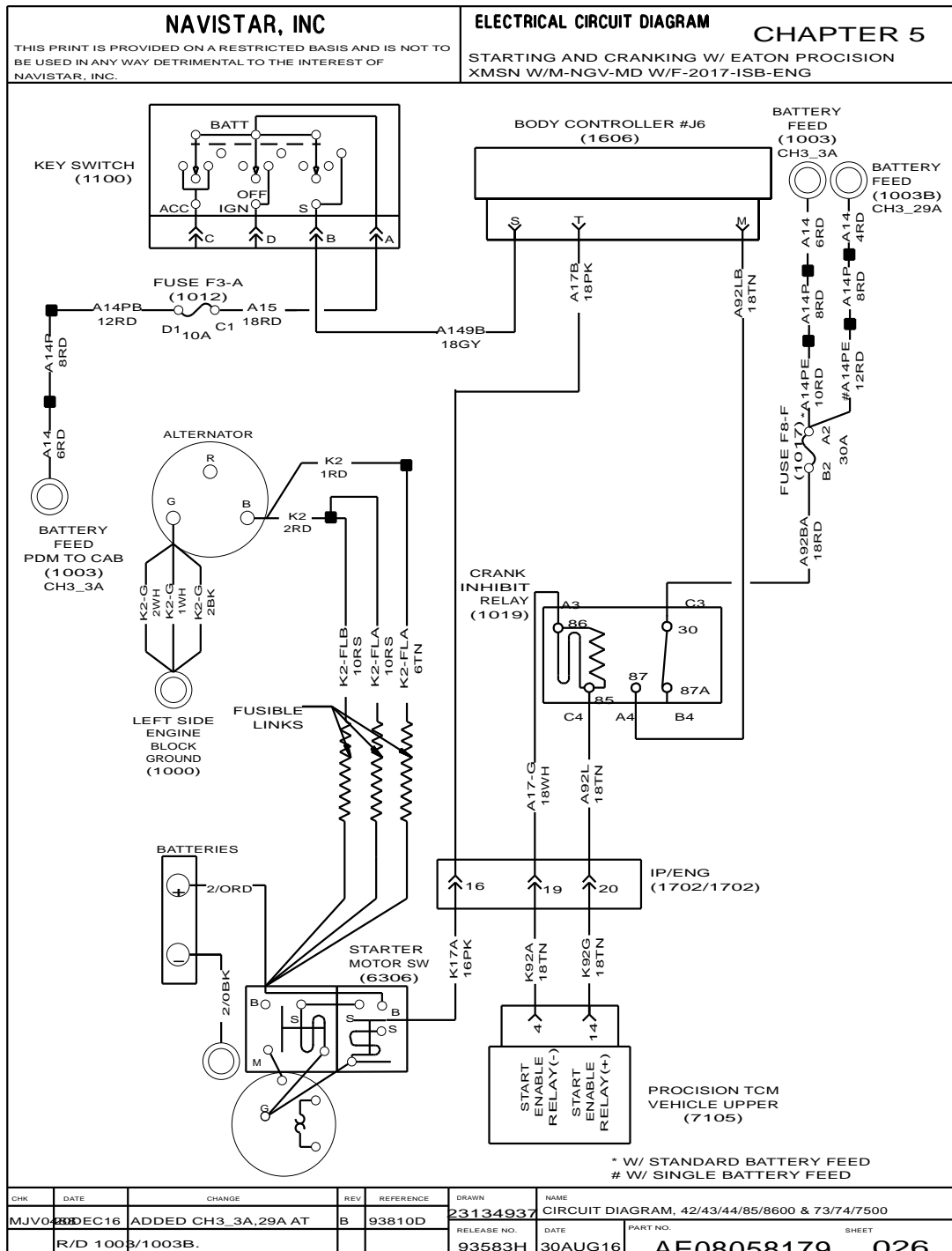


Figure 214 Starting and Cranking with Eaton Procision Transmission with M-NGV-MD with F-2017-ISB Engine



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

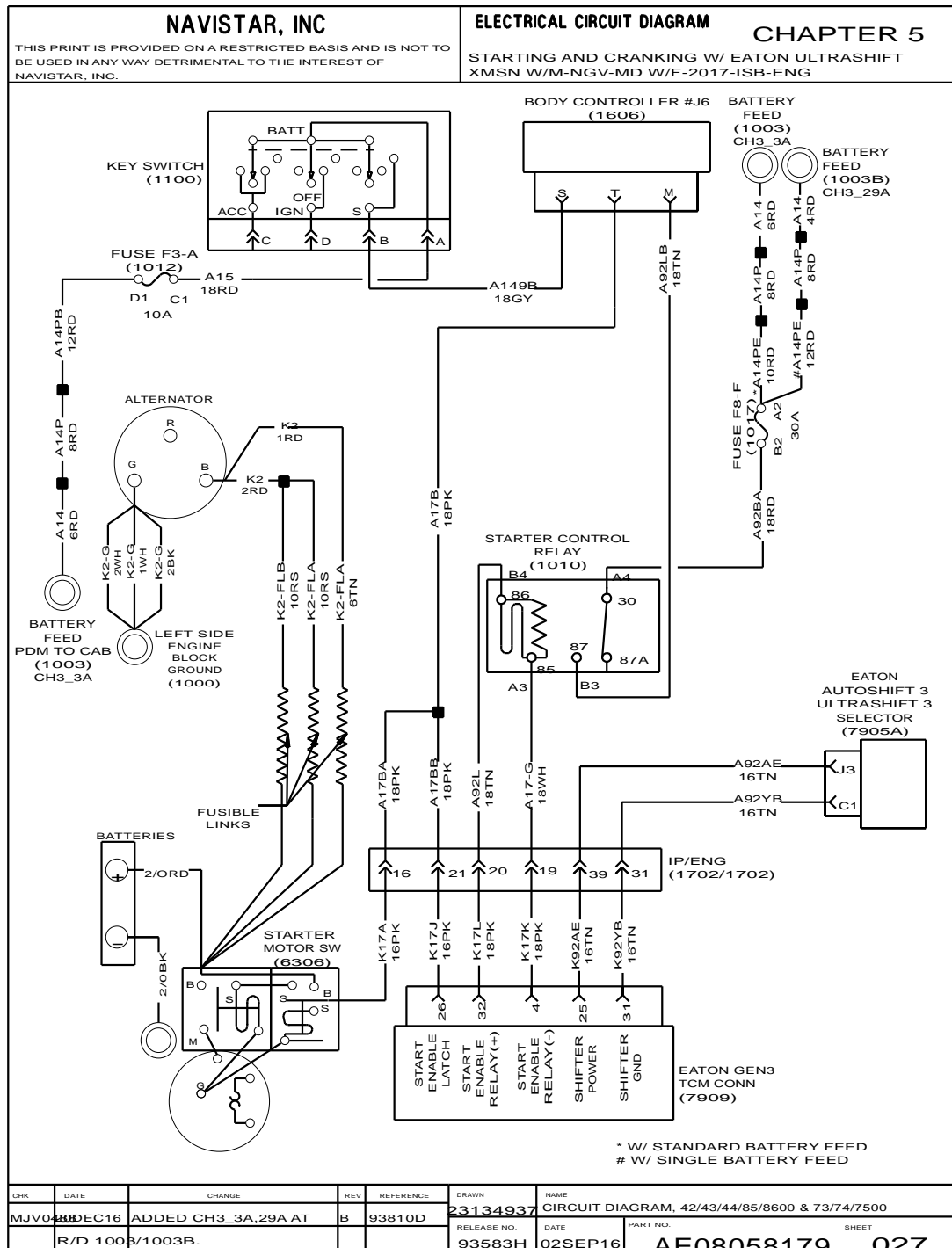


Figure 215 Starting and Cranking with Eaton Ultrashift Transmission with M-NGV-MD with F-2017-ISB Engine

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

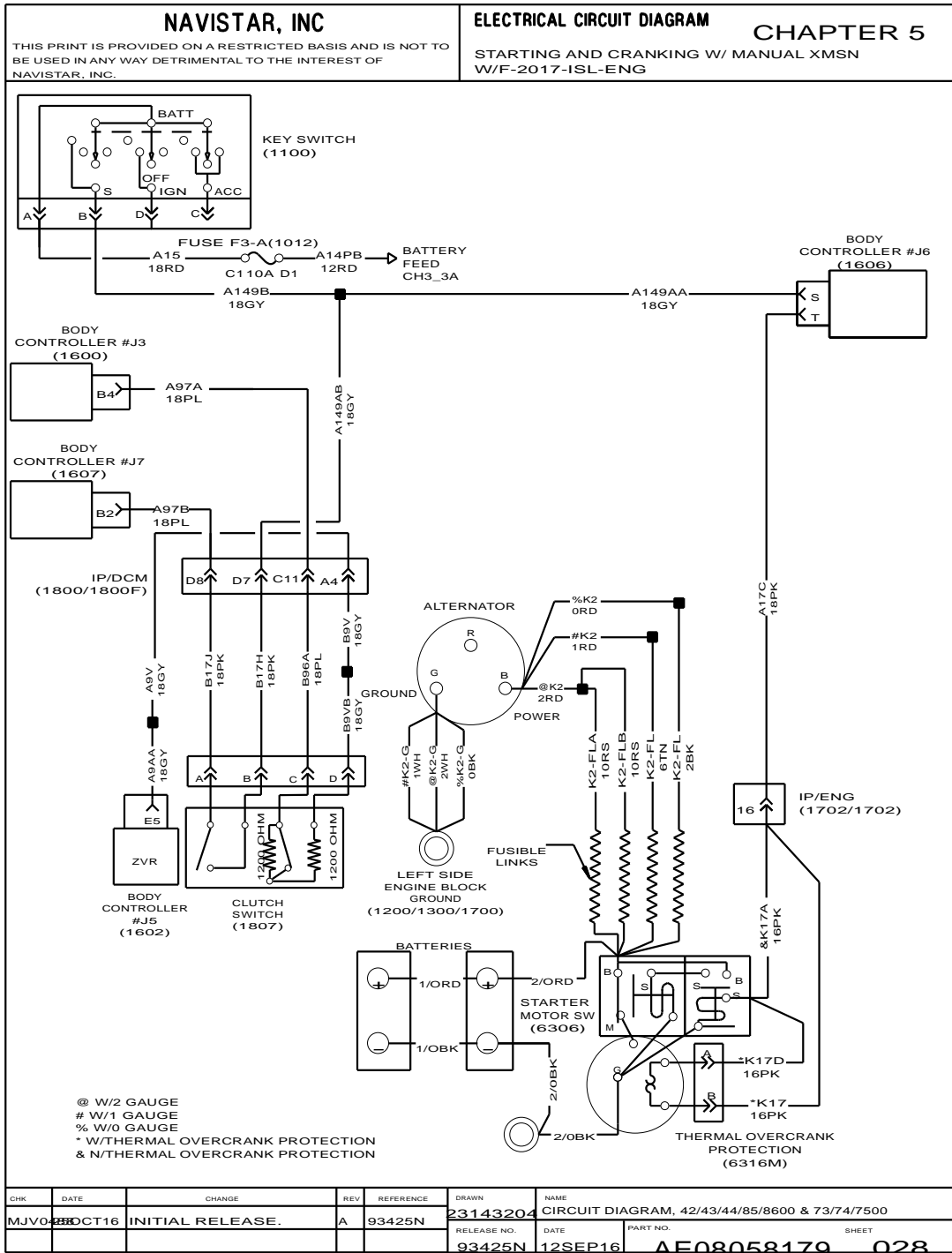


Figure 216 Starting and Cranking with Manual Transmission with F-2017-ISL Engine

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

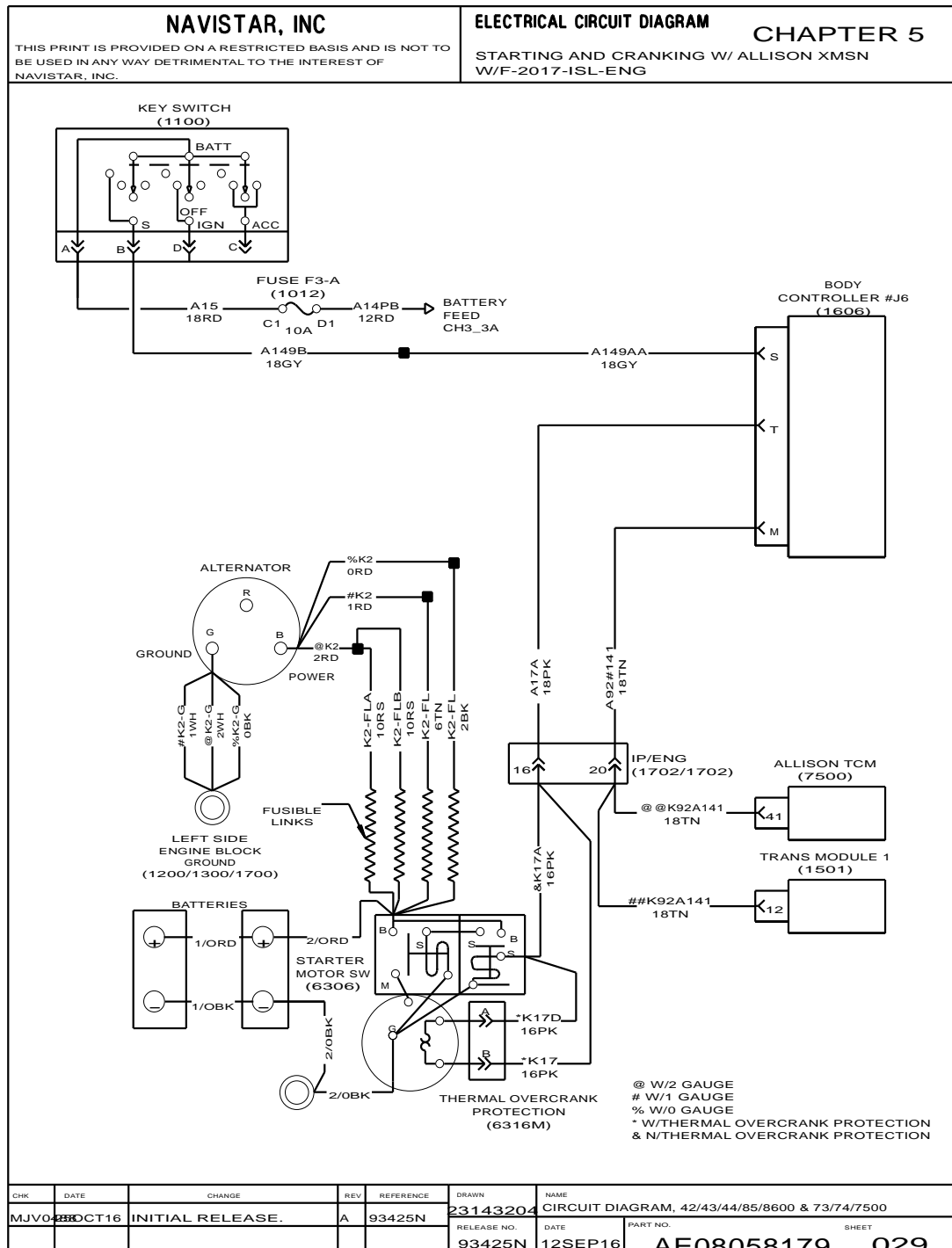


Figure 217 Starting and Cranking with Allison Transmission with F-2017-ISL Engine

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

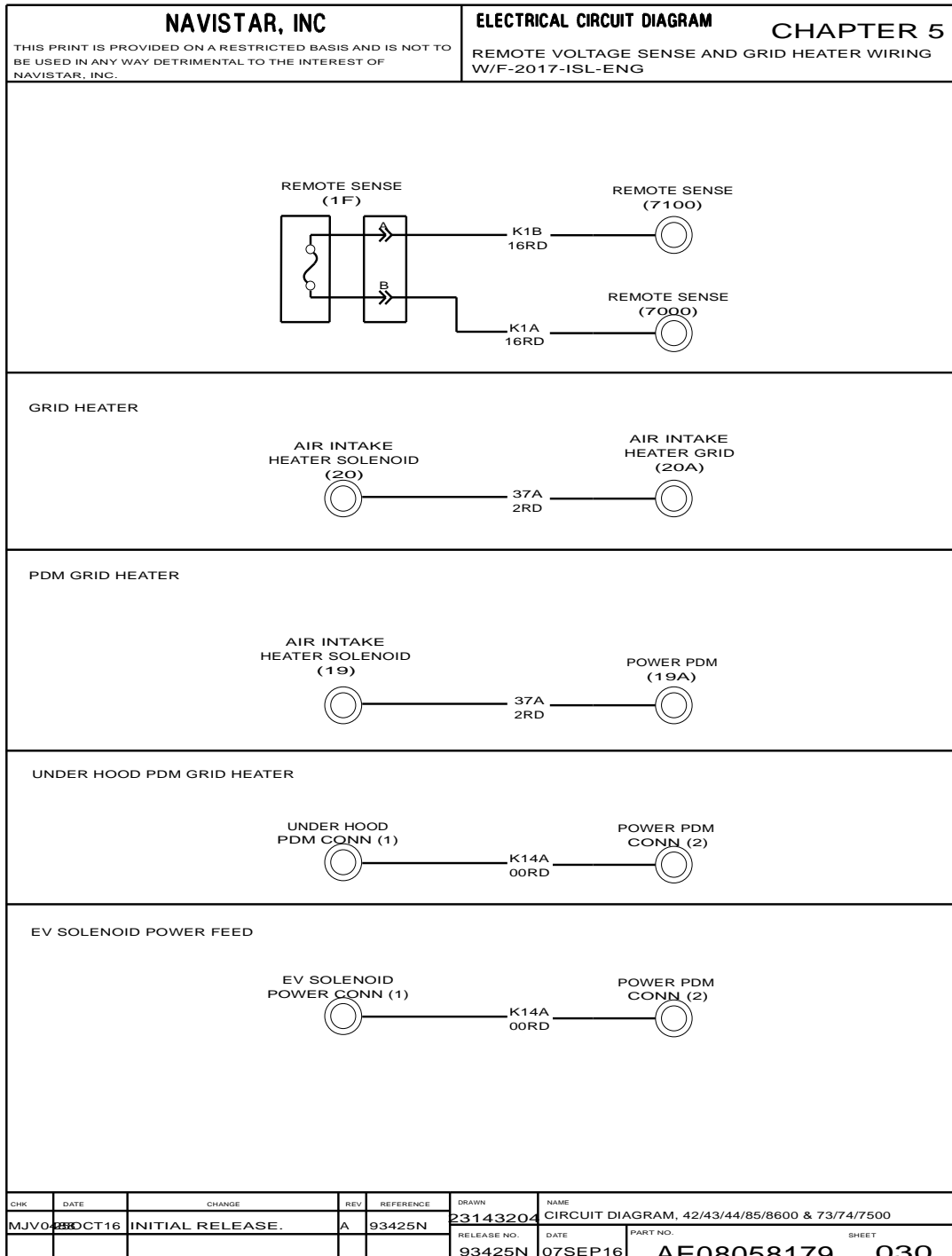


Figure 218 Remote Voltage Sense and Grid Heater Wiring with F-2017-ISL Engine

## FANS AND ENGINE ACCESSORIES (CHAPTER 6)

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

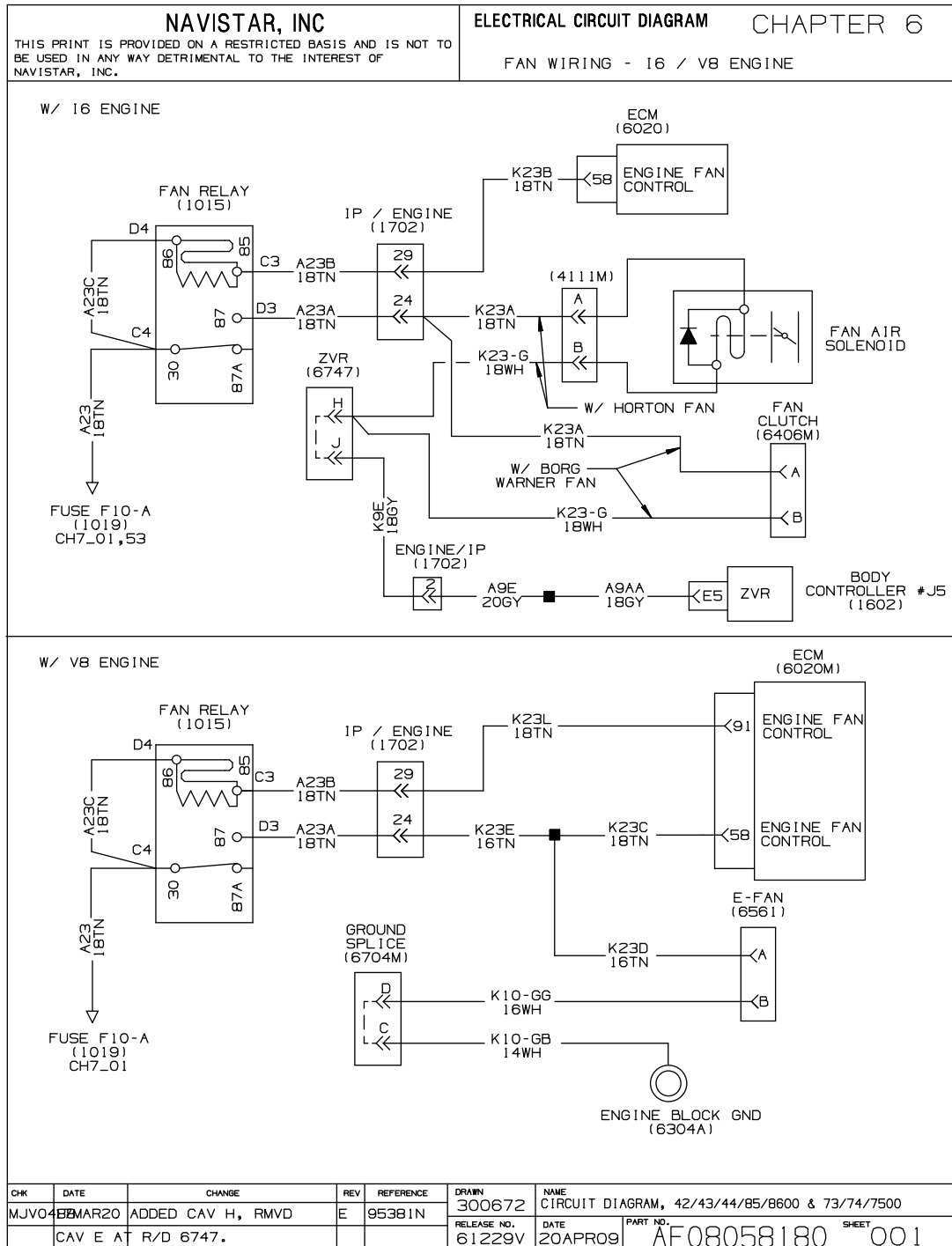


Figure 219 Fan Wiring, I6 / V8 Engines

6.2. SNOW VALVE, P. 2

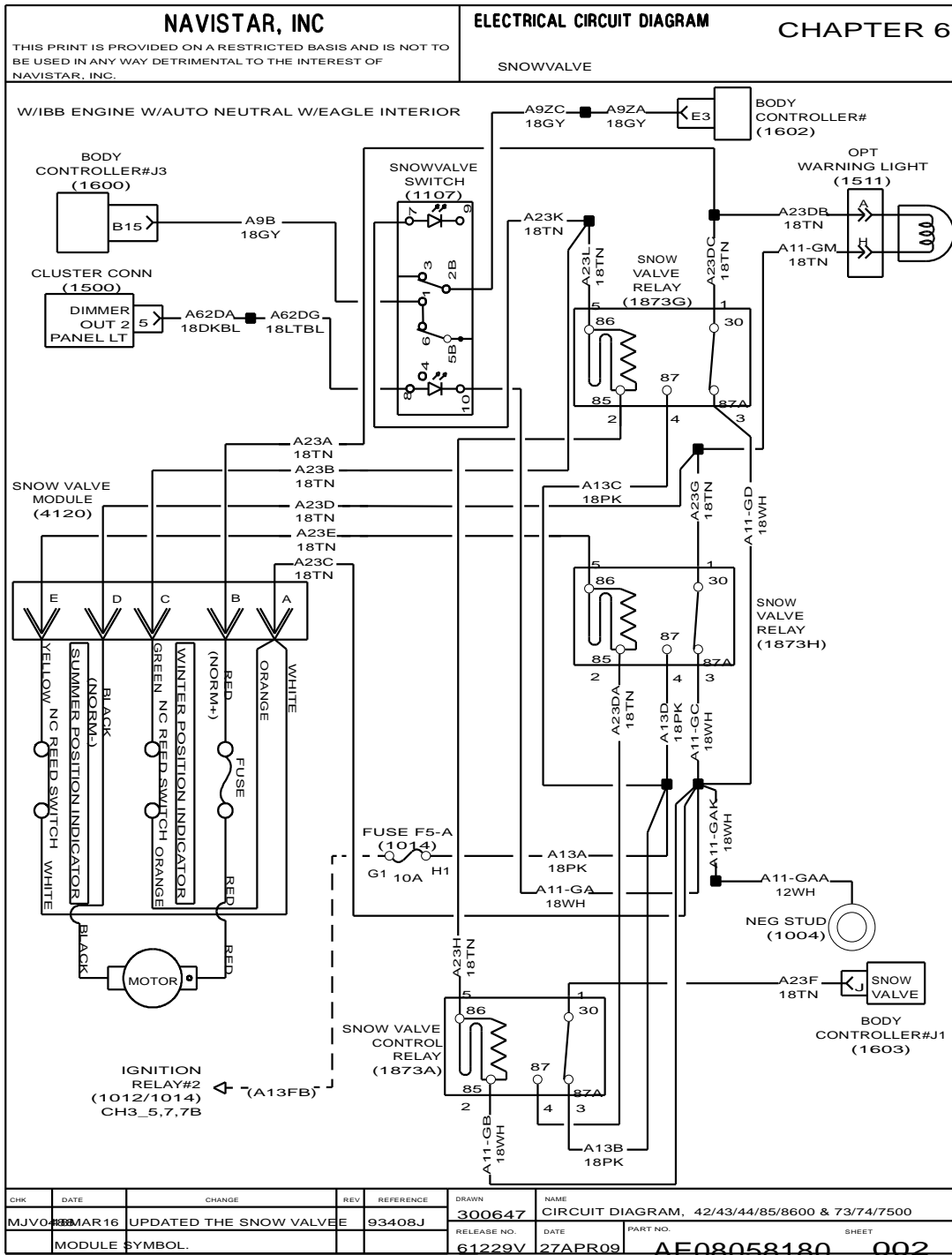


Figure 220 Snow Valve

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

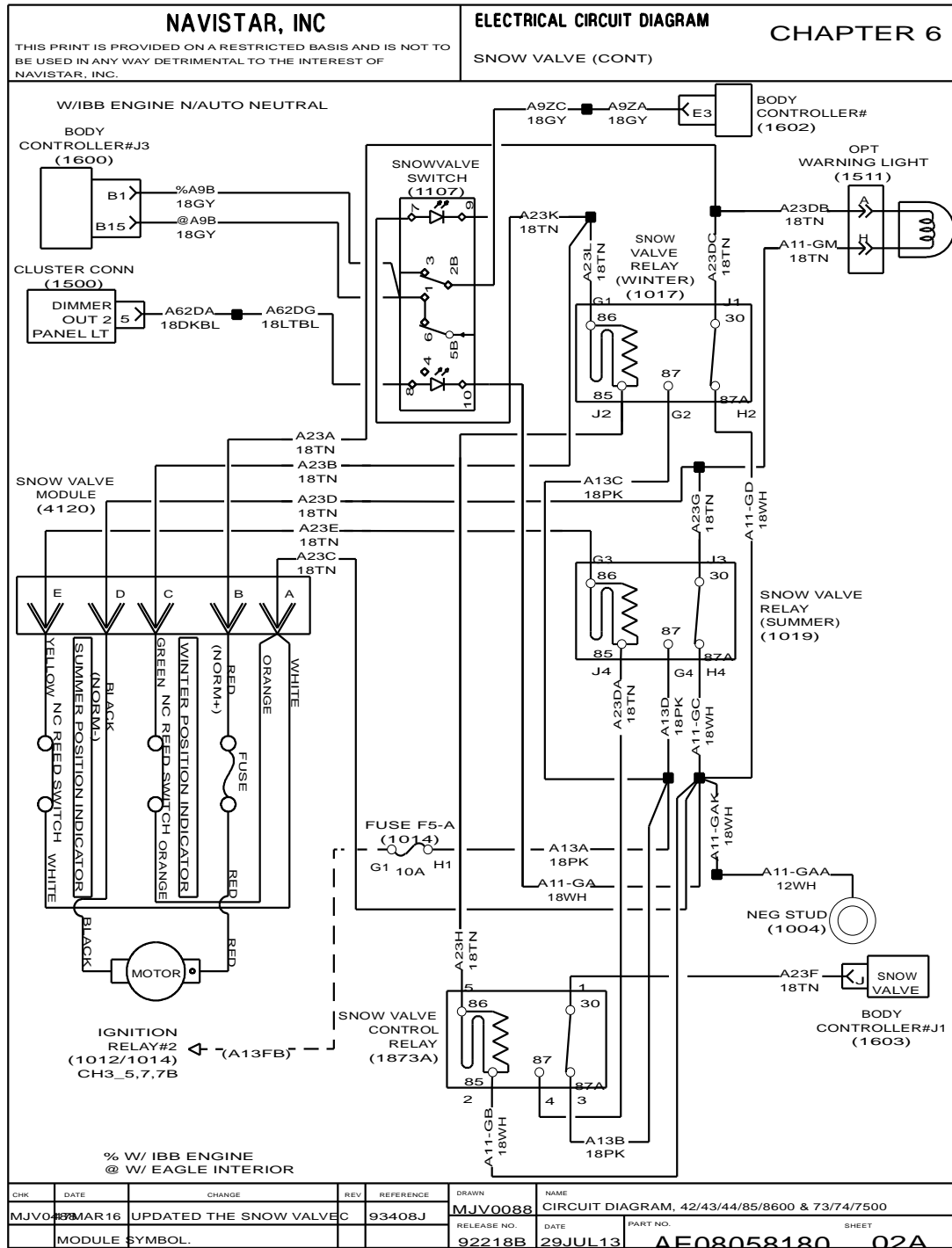


Figure 221 Snow Valve (Cont.)

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

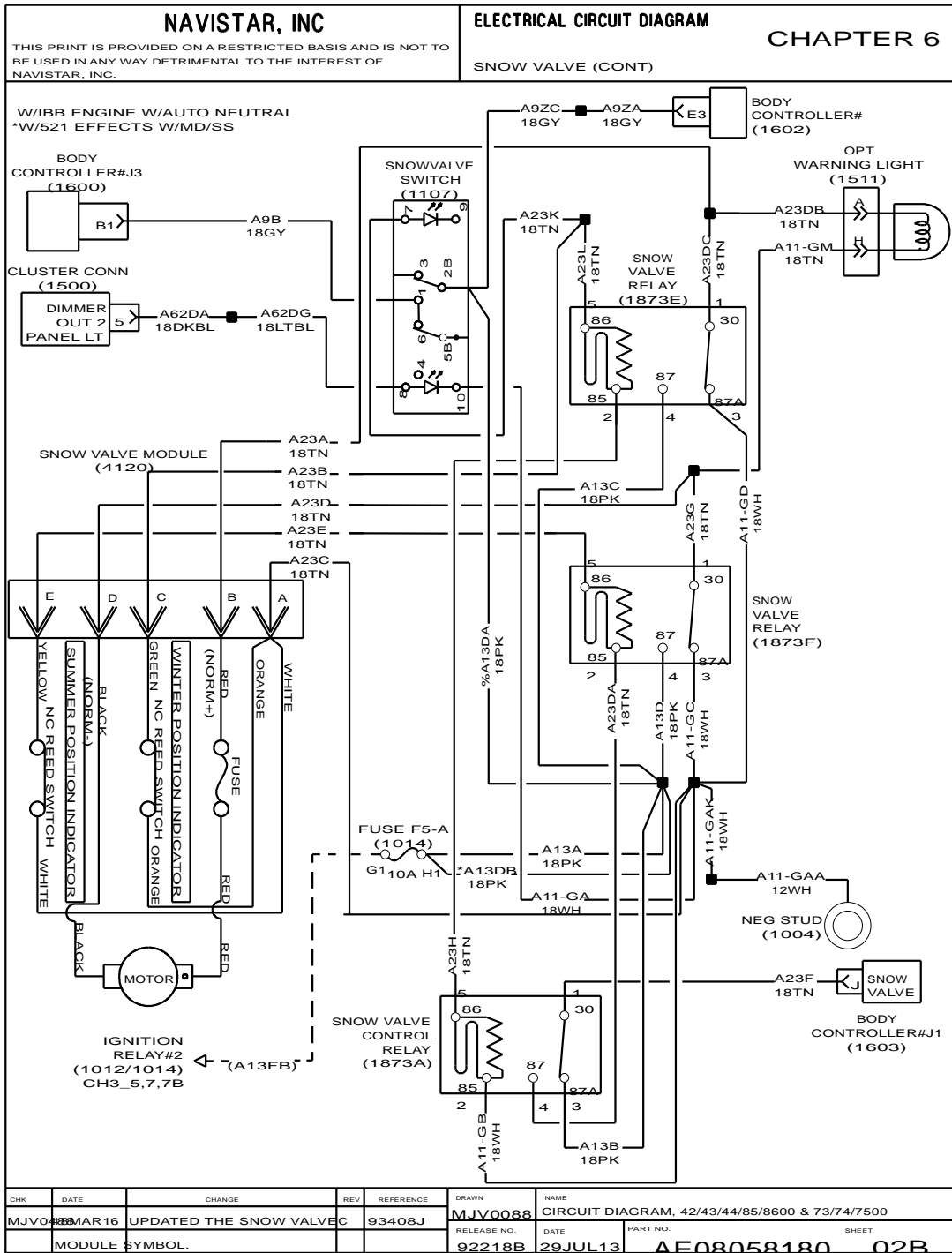


Figure 222 Snow Valve (Cont.)



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

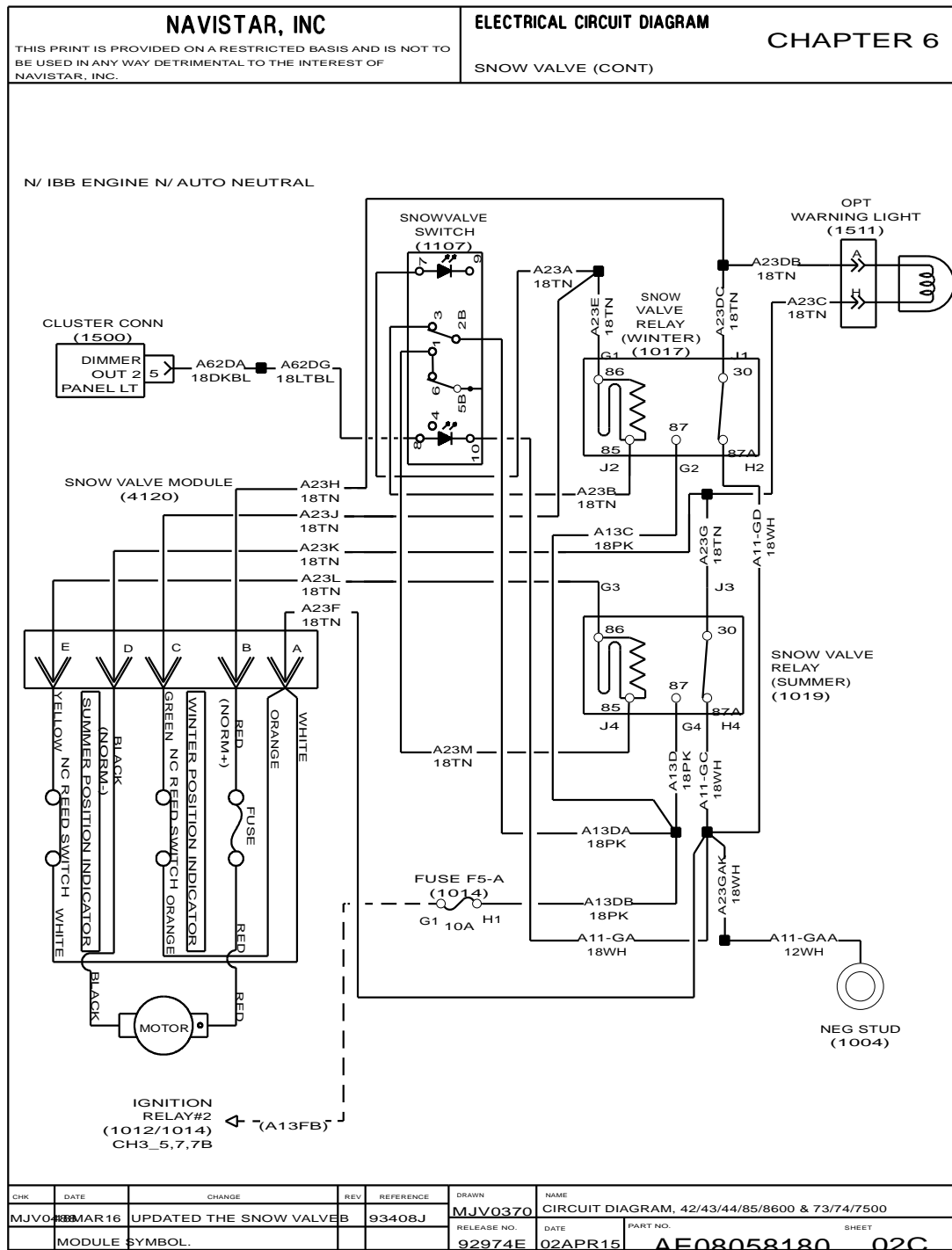


Figure 223 Snow Valve (Cont.)

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

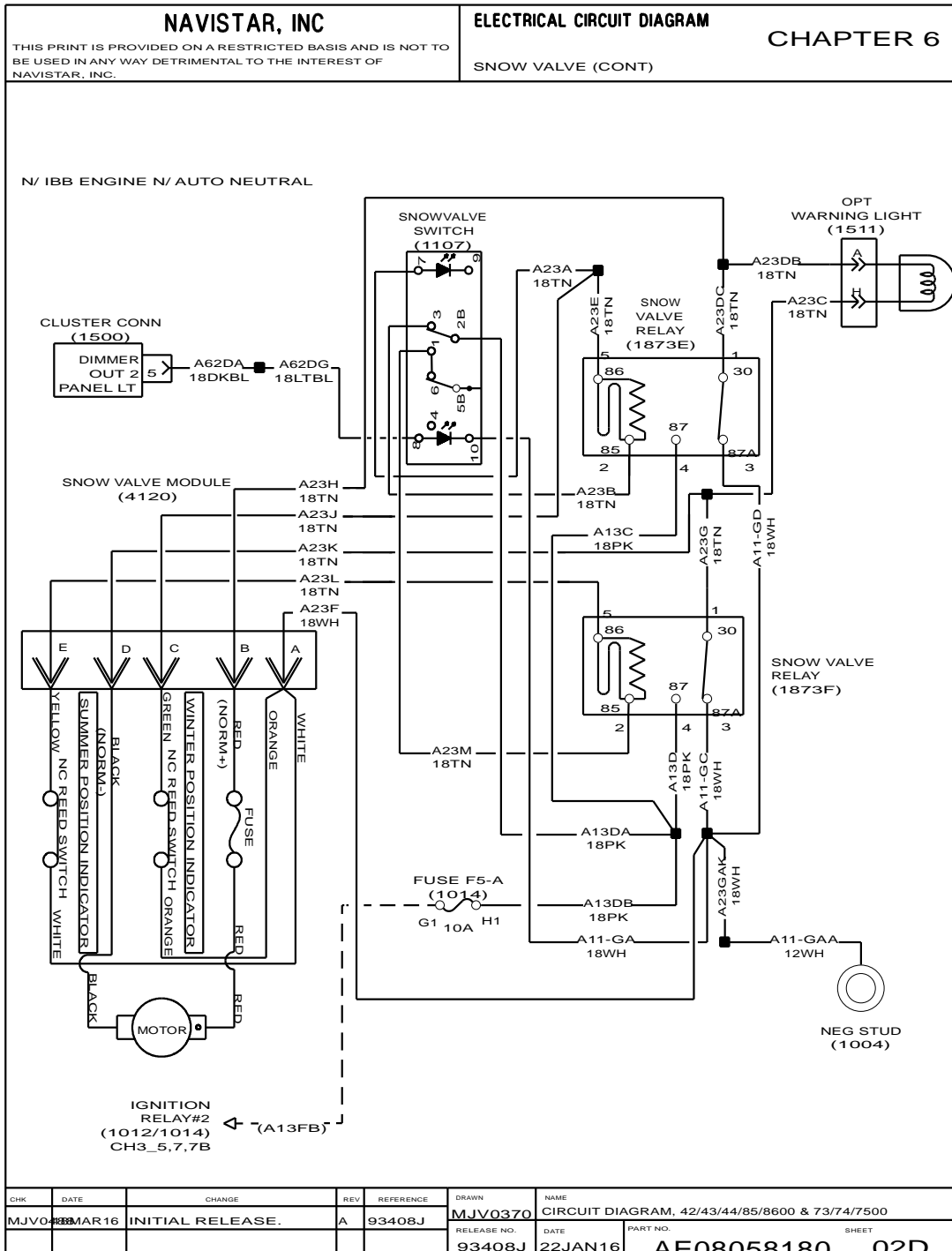


Figure 224 Snow Valve (Cont.)

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

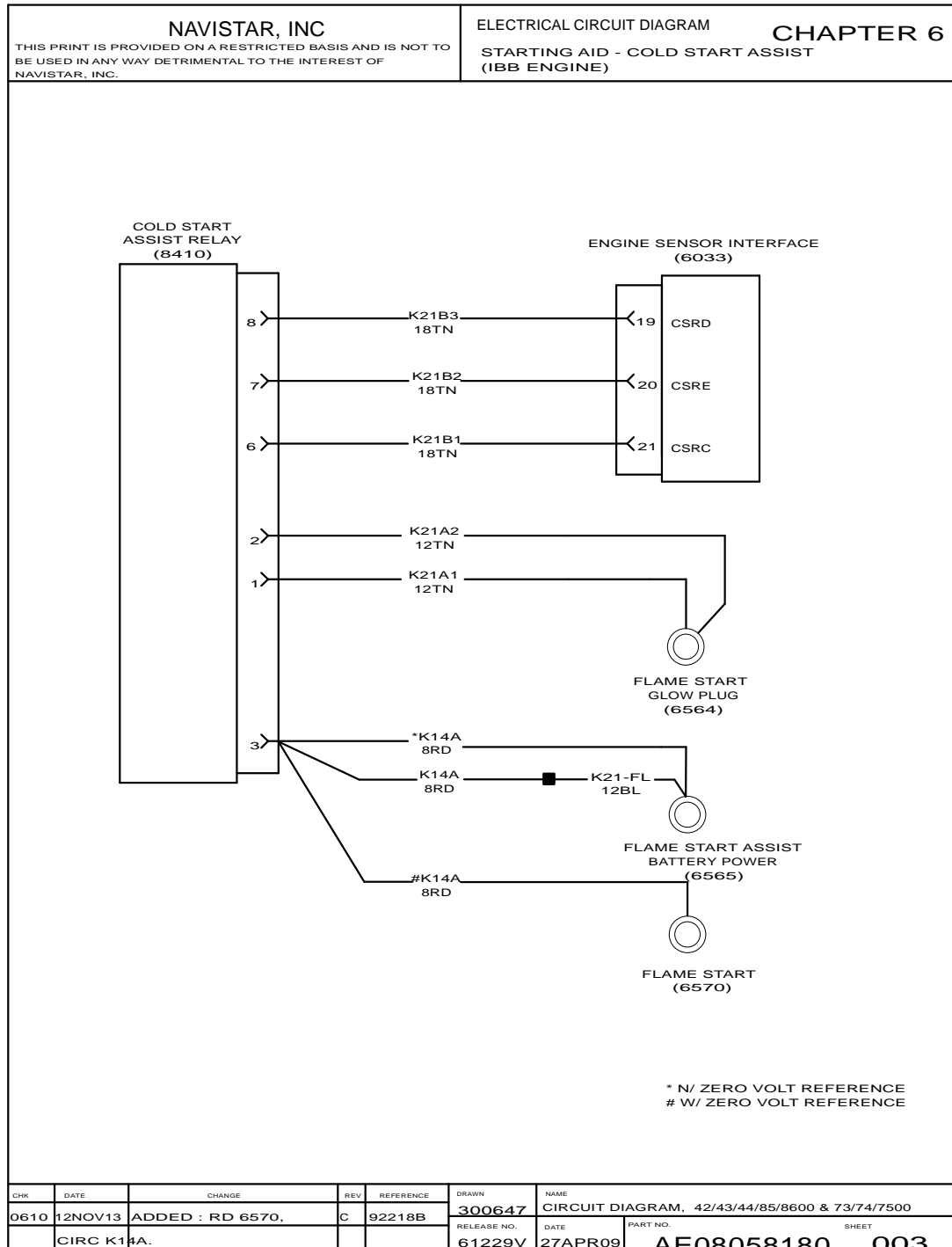


Figure 225 Starting Aid – Cold Start Assist (IBB Engine)

6.8. FAN WIRING – IBB ENGINE, P. 4

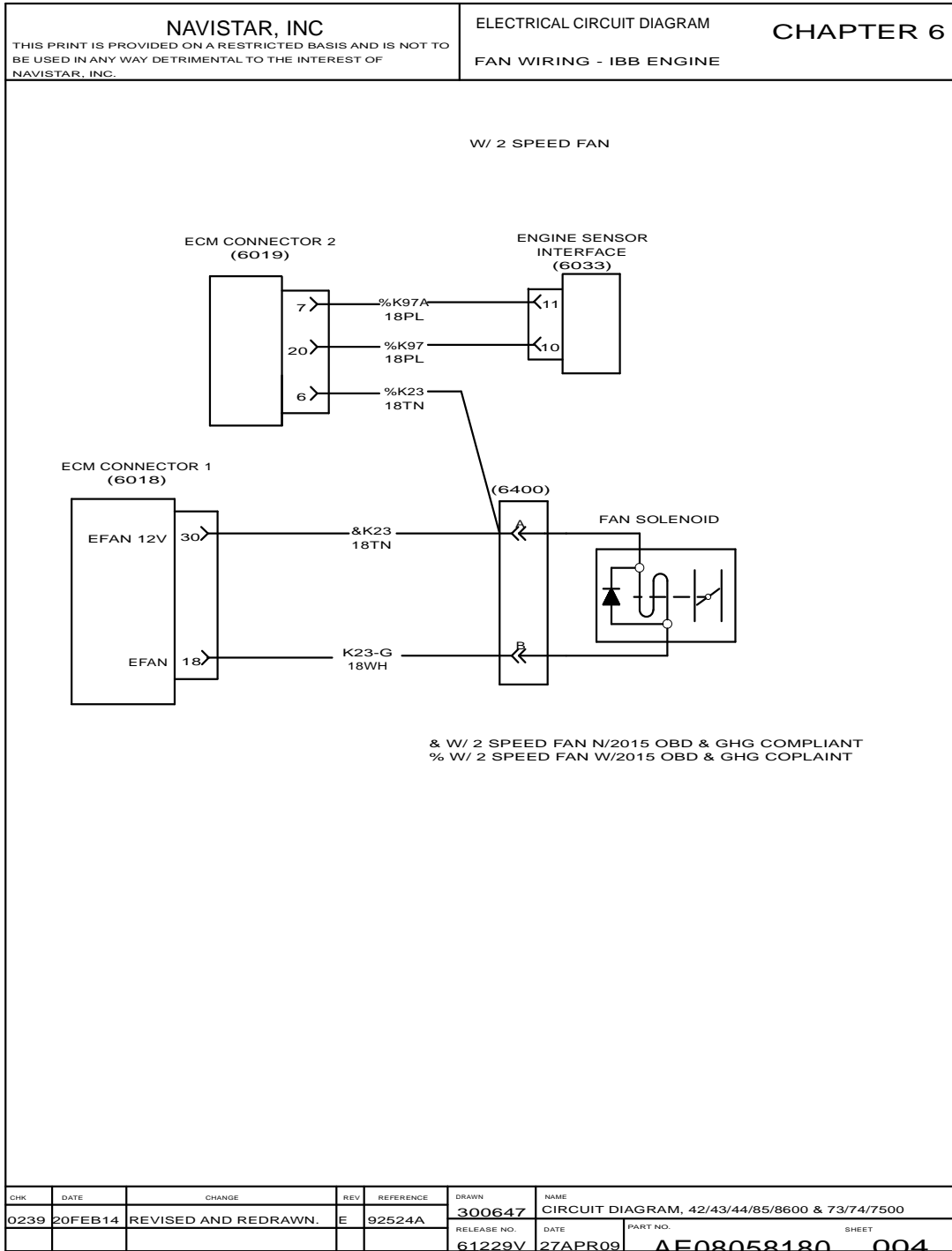


Figure 226 Fan Wiring – IBB Engine

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

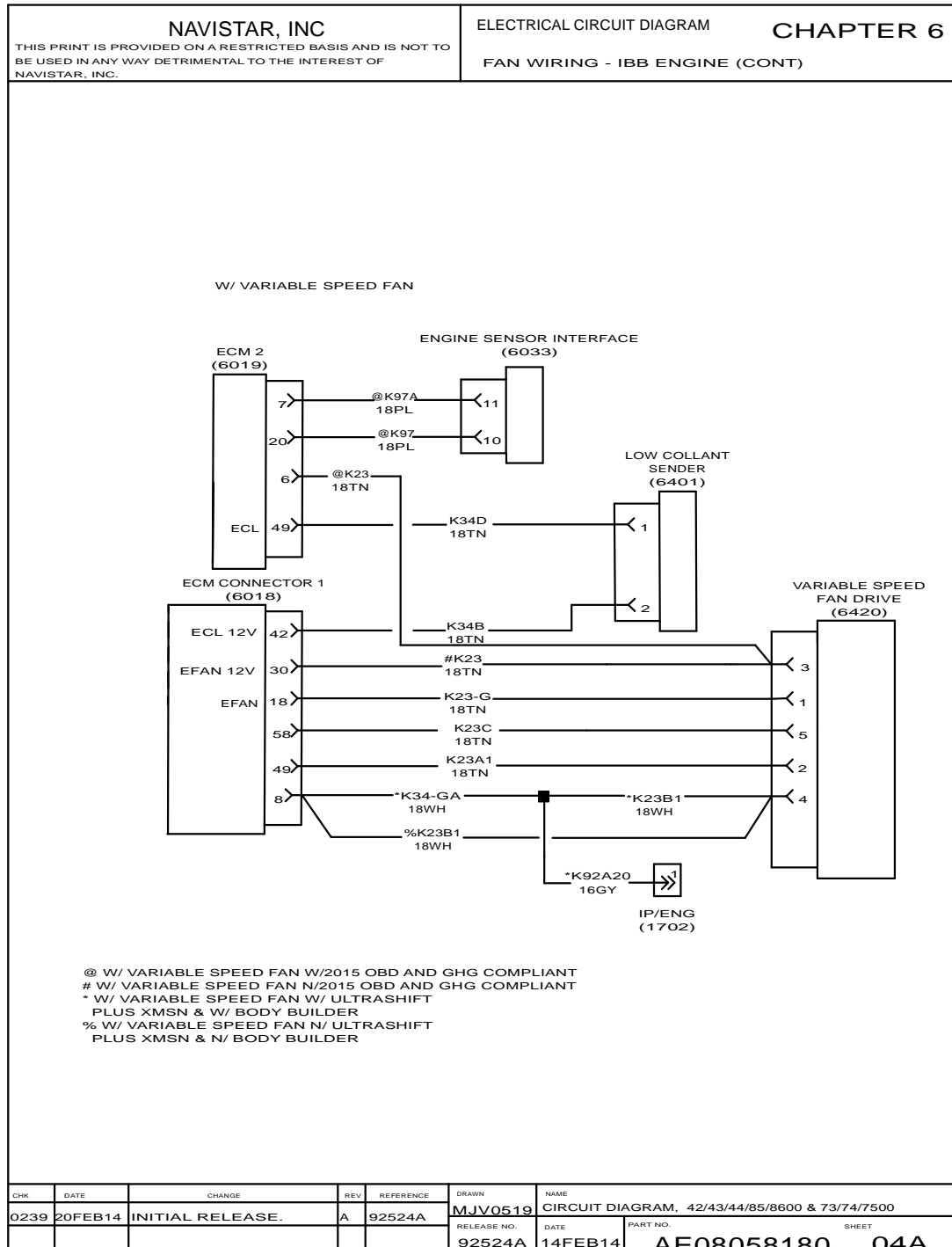


Figure 227 Fan Wiring – IBB Engine (Cont.)

6.10. ELECTRIC AIR COMPRESSOR WITH MD, P. 5

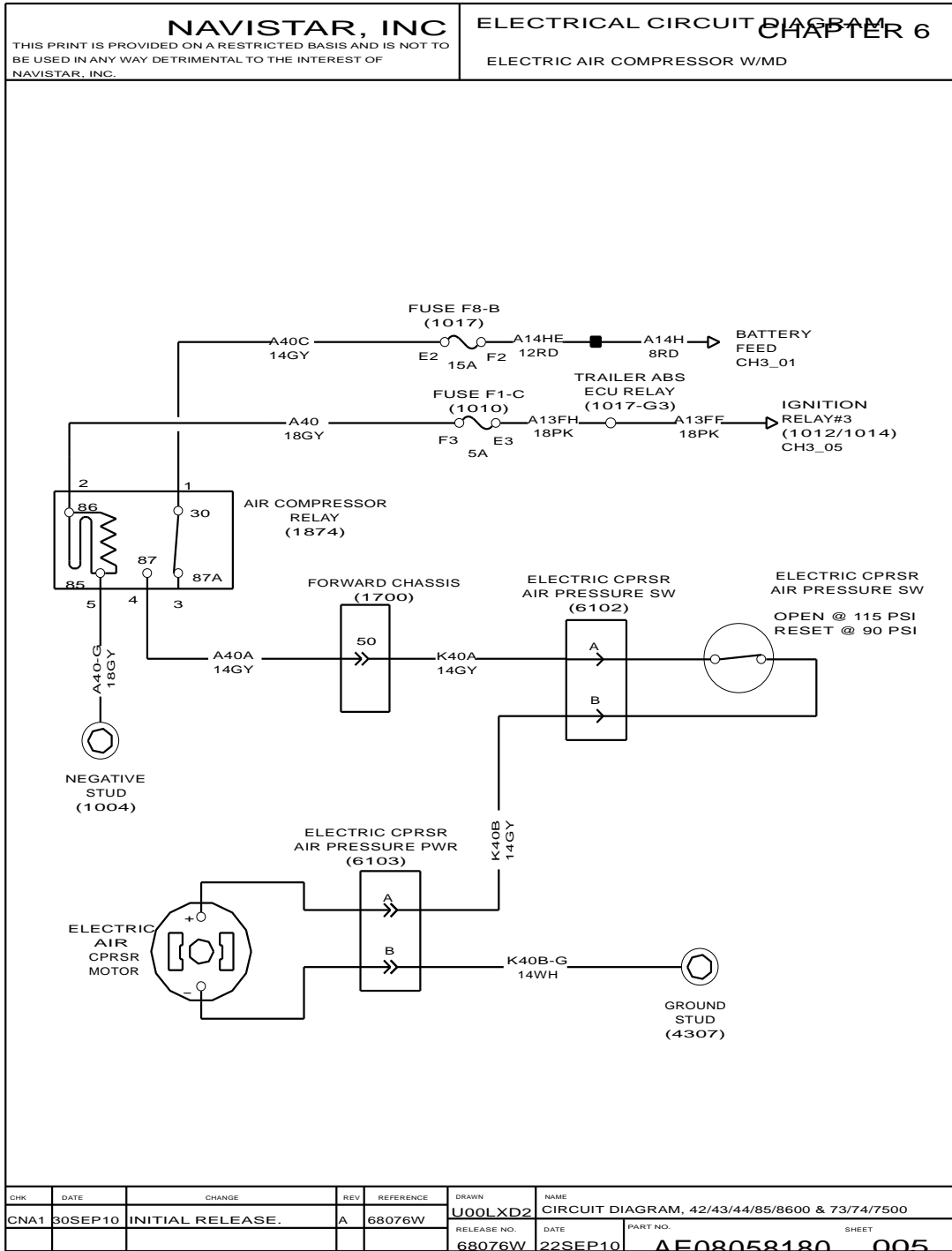


Figure 228 Electric Air Compressor with MD

6.11. FAN WIRING – ISL–G ENGINE, P. 6

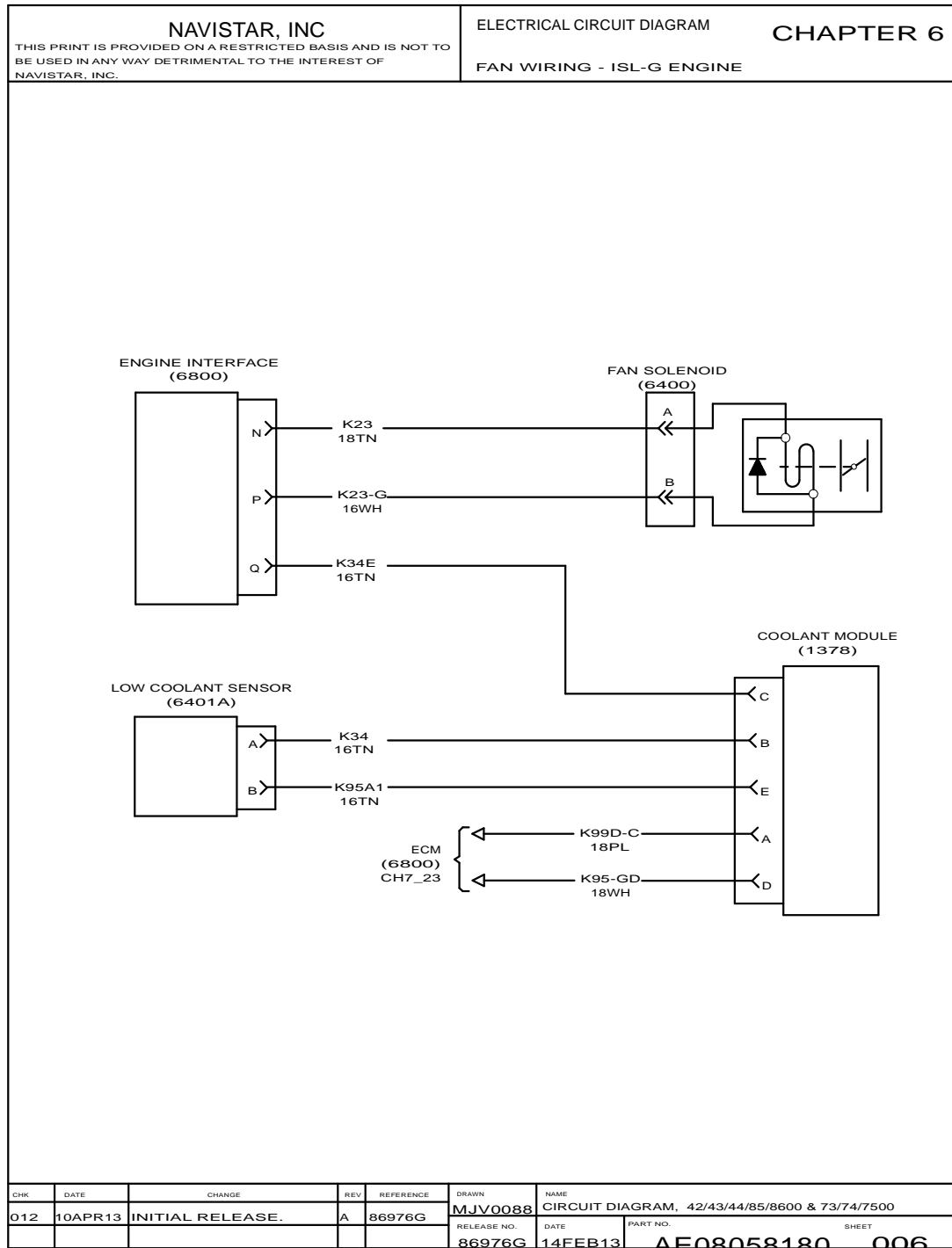


Figure 229 Fan Wiring – ISL–G Engine

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

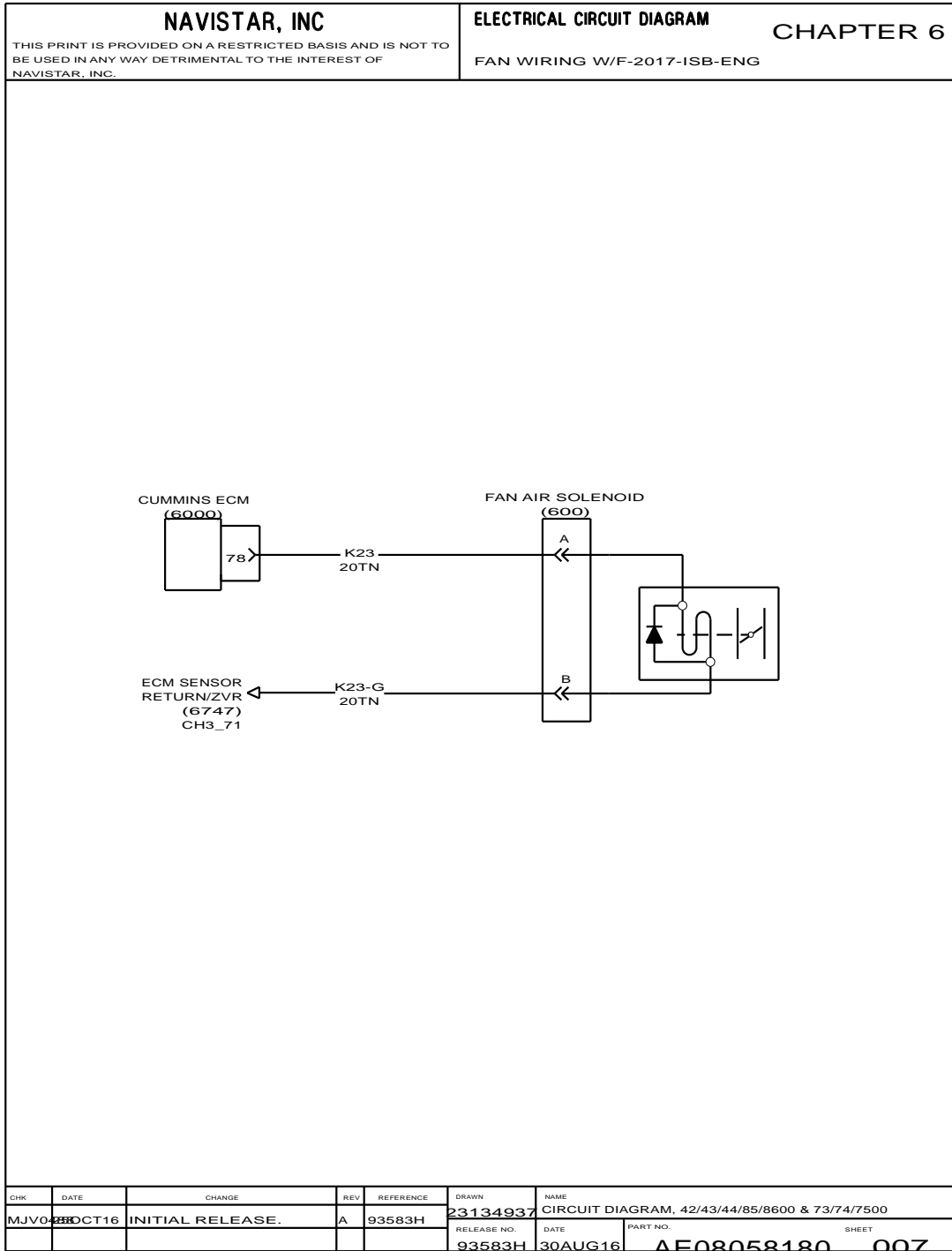


Figure 230 Fan Wiring with F-2017-ISB Engine



# ELECTRONIC ENGINES (CHAPTER 7)

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

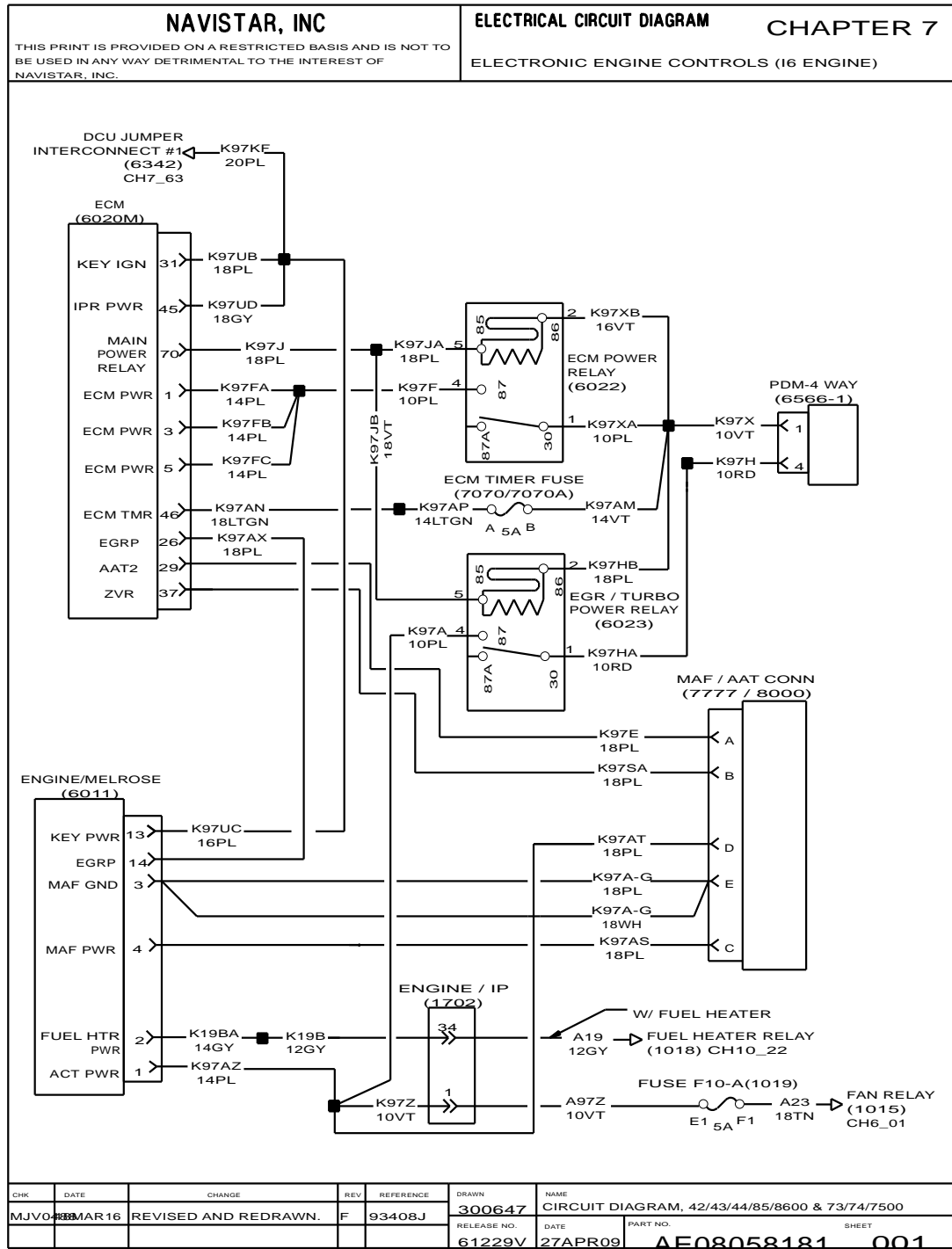


Figure 231 Electronic Engine Controls, I6 Engines

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

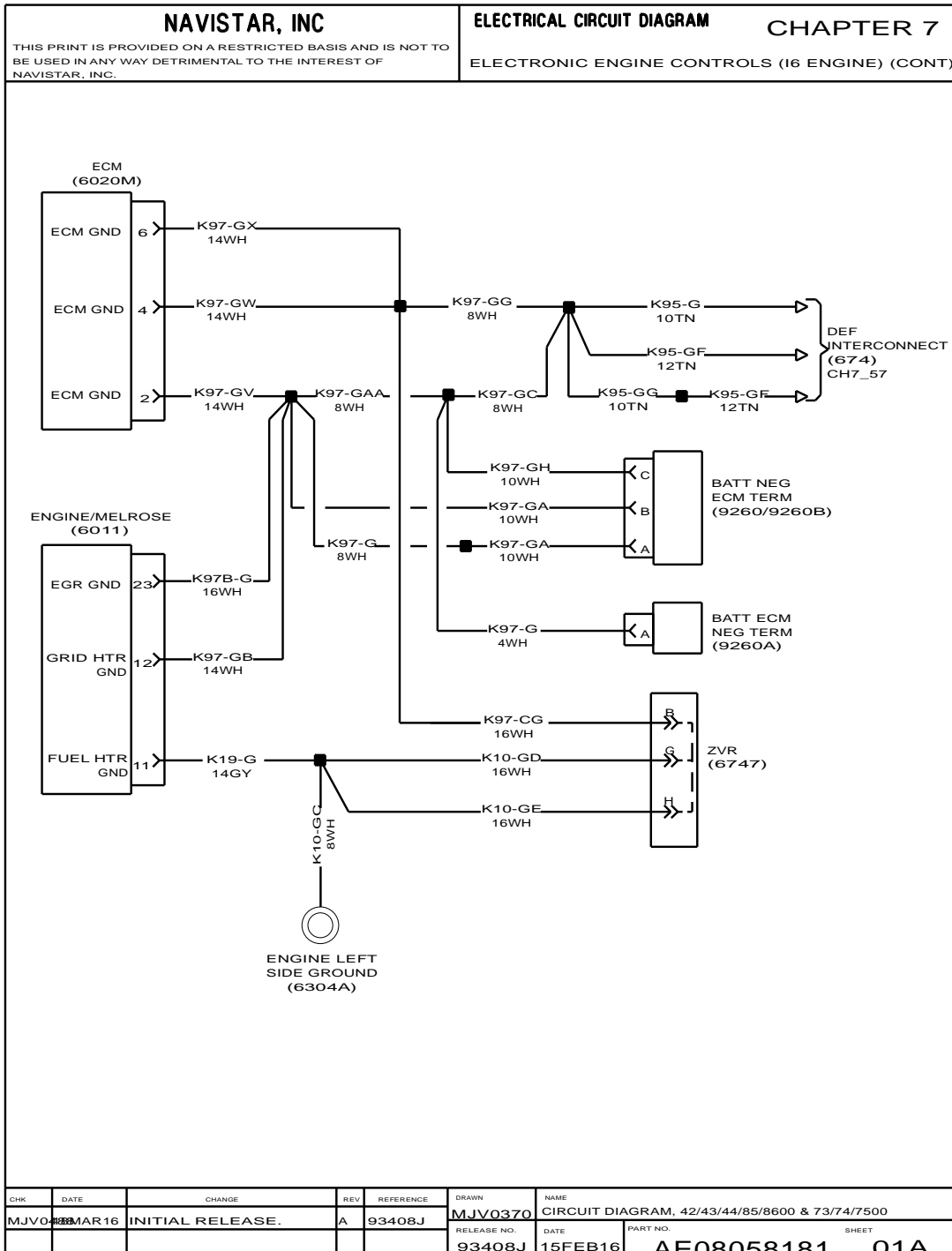


Figure 232 Electronic Engine Controls, I6 Engines (Cont.)

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

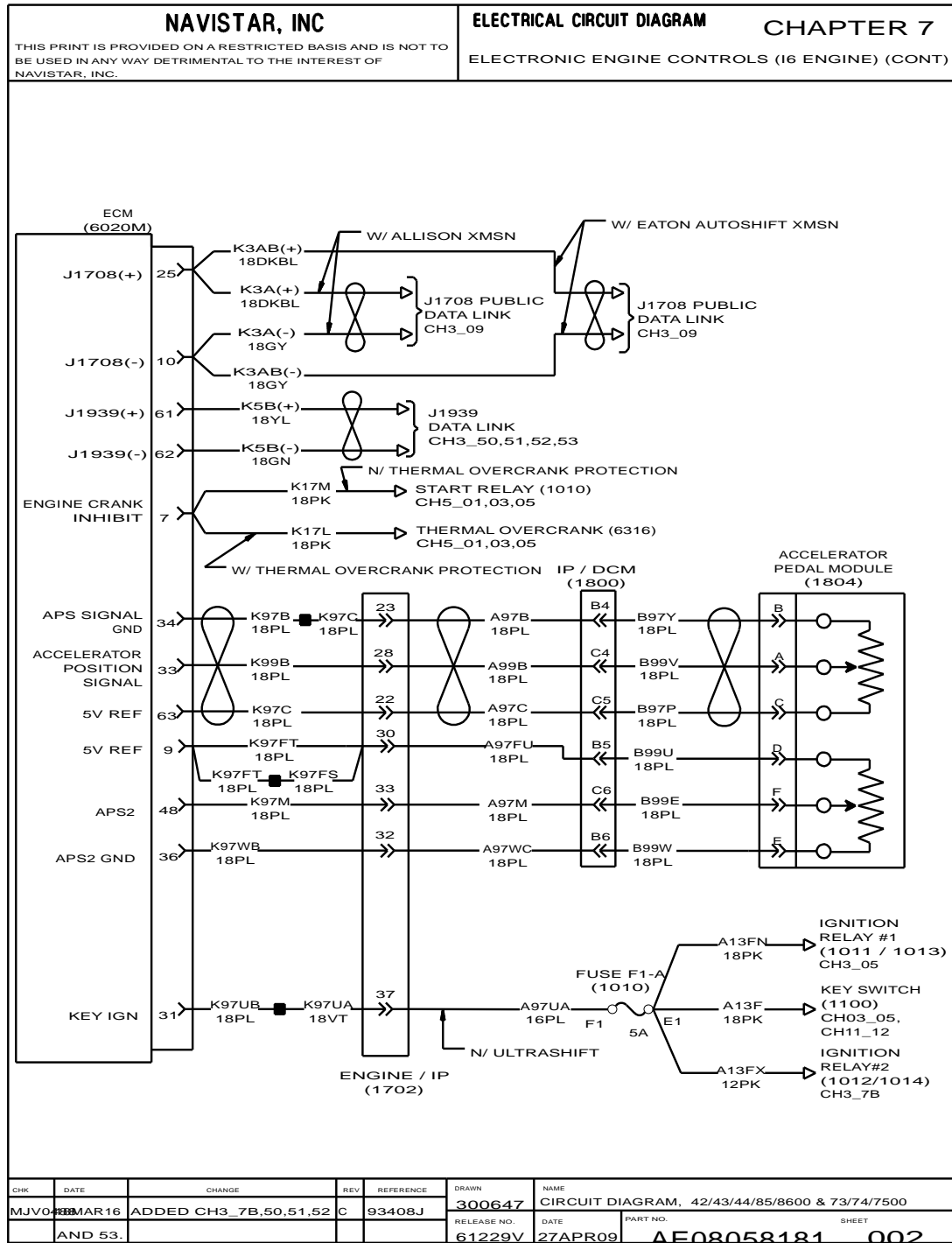


Figure 233 Electronic Engine Controls, I6 Engines (Cont.)

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

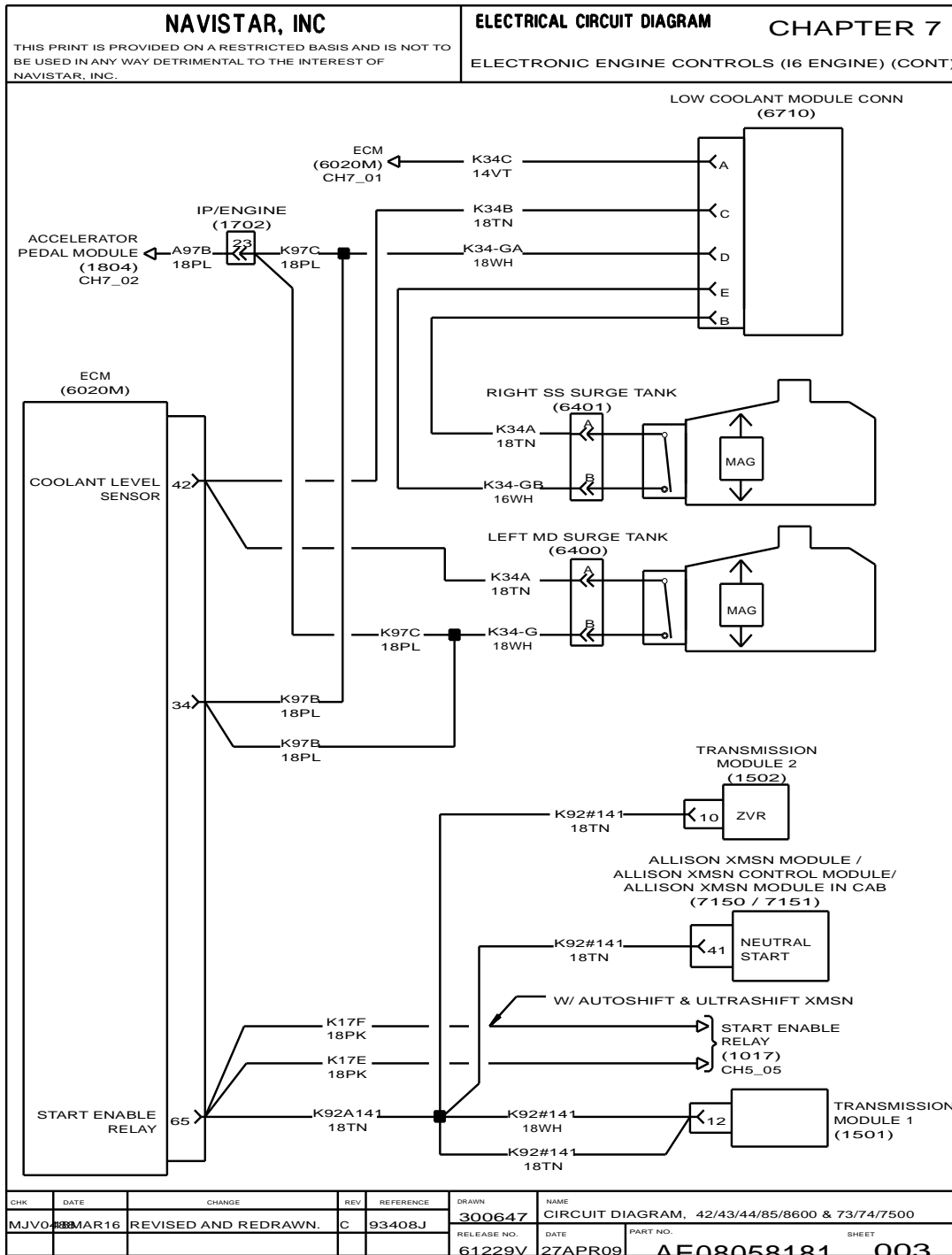


Figure 234 Electronic Engine Controls, I6 Engines (Cont.)

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

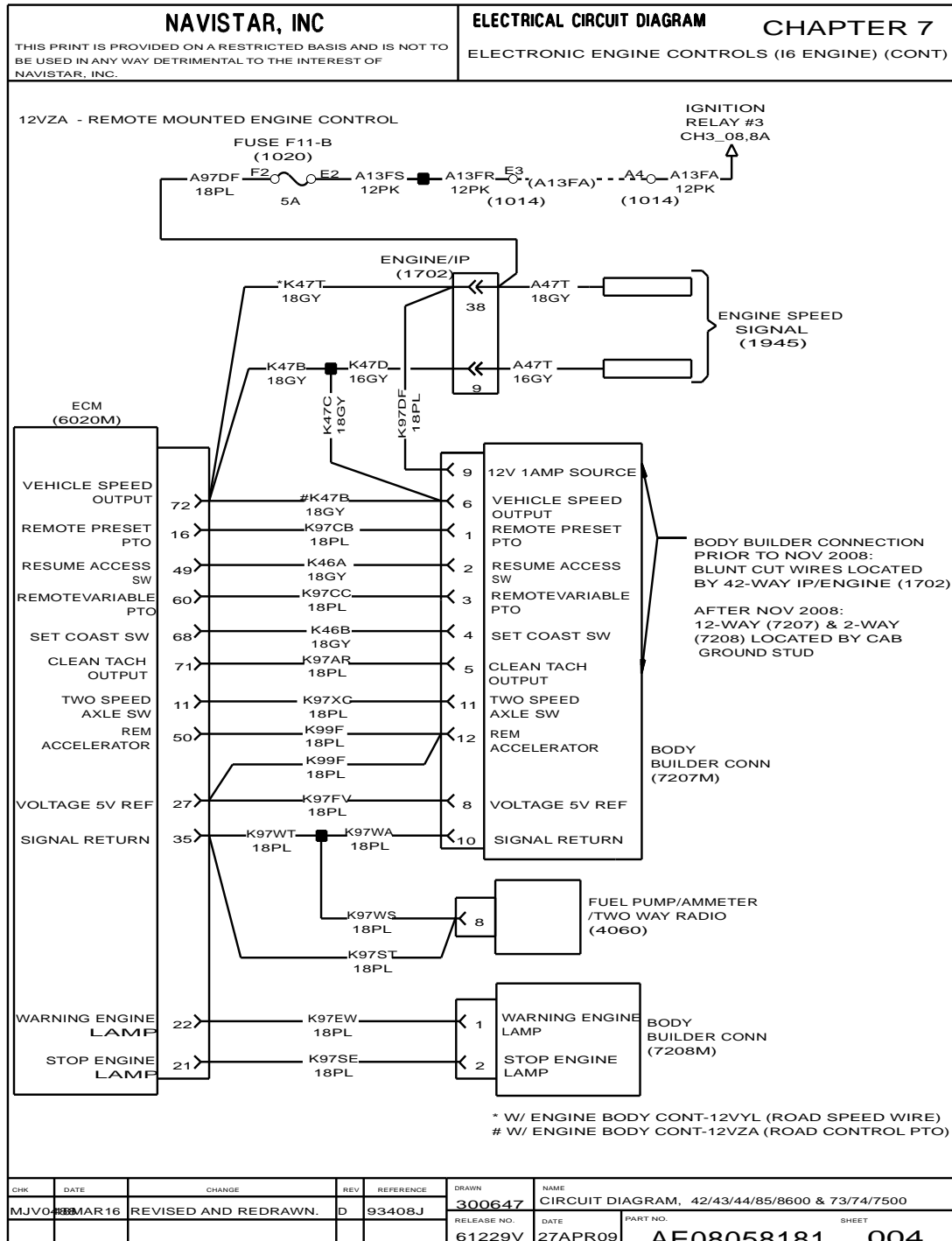


Figure 235 Electronic Engine Controls, I6 Engines (Cont.)

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

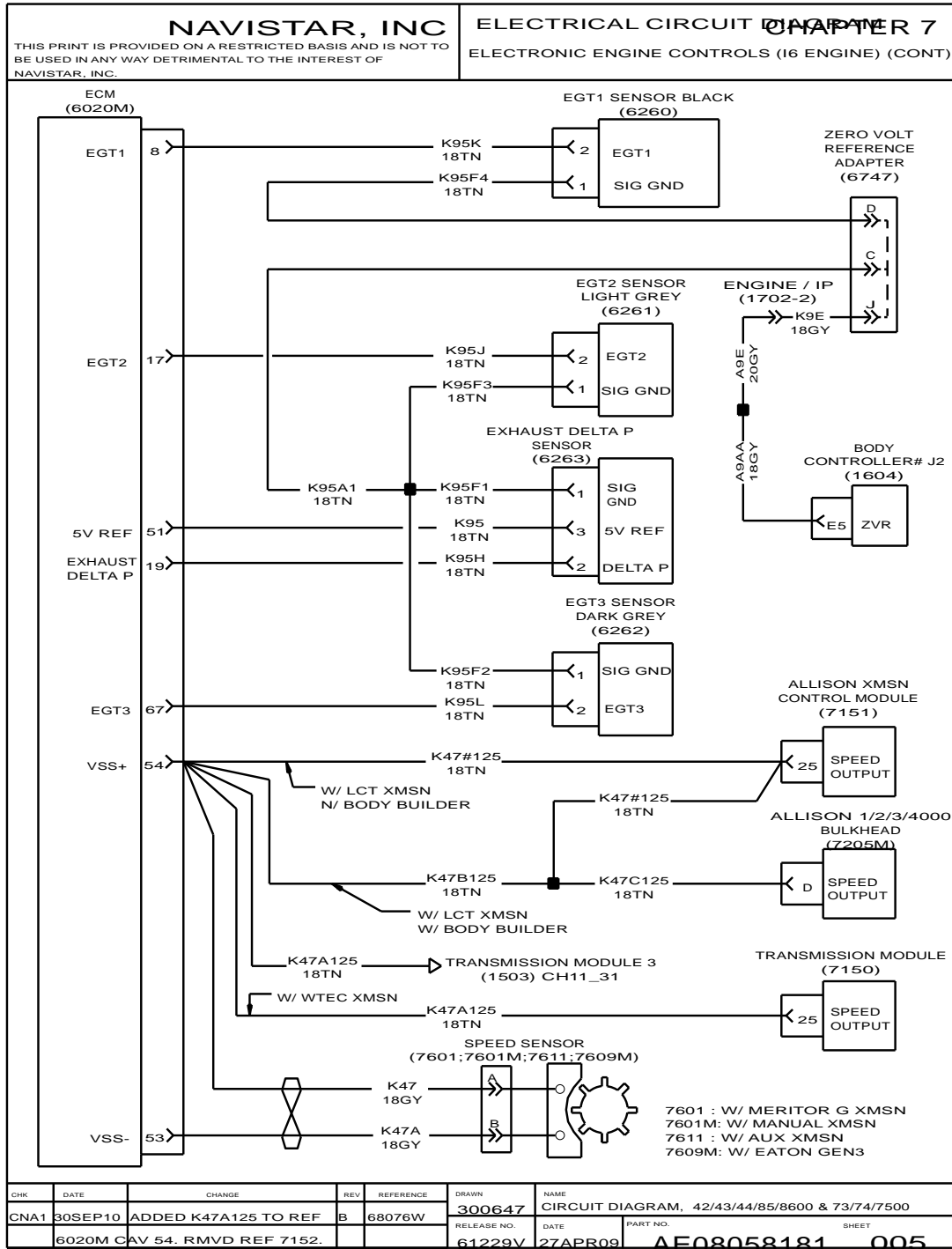


Figure 236 Electronic Engine Controls, I6 Engines (Cont.)

7.7. CRUISE CONTROL, P. 6

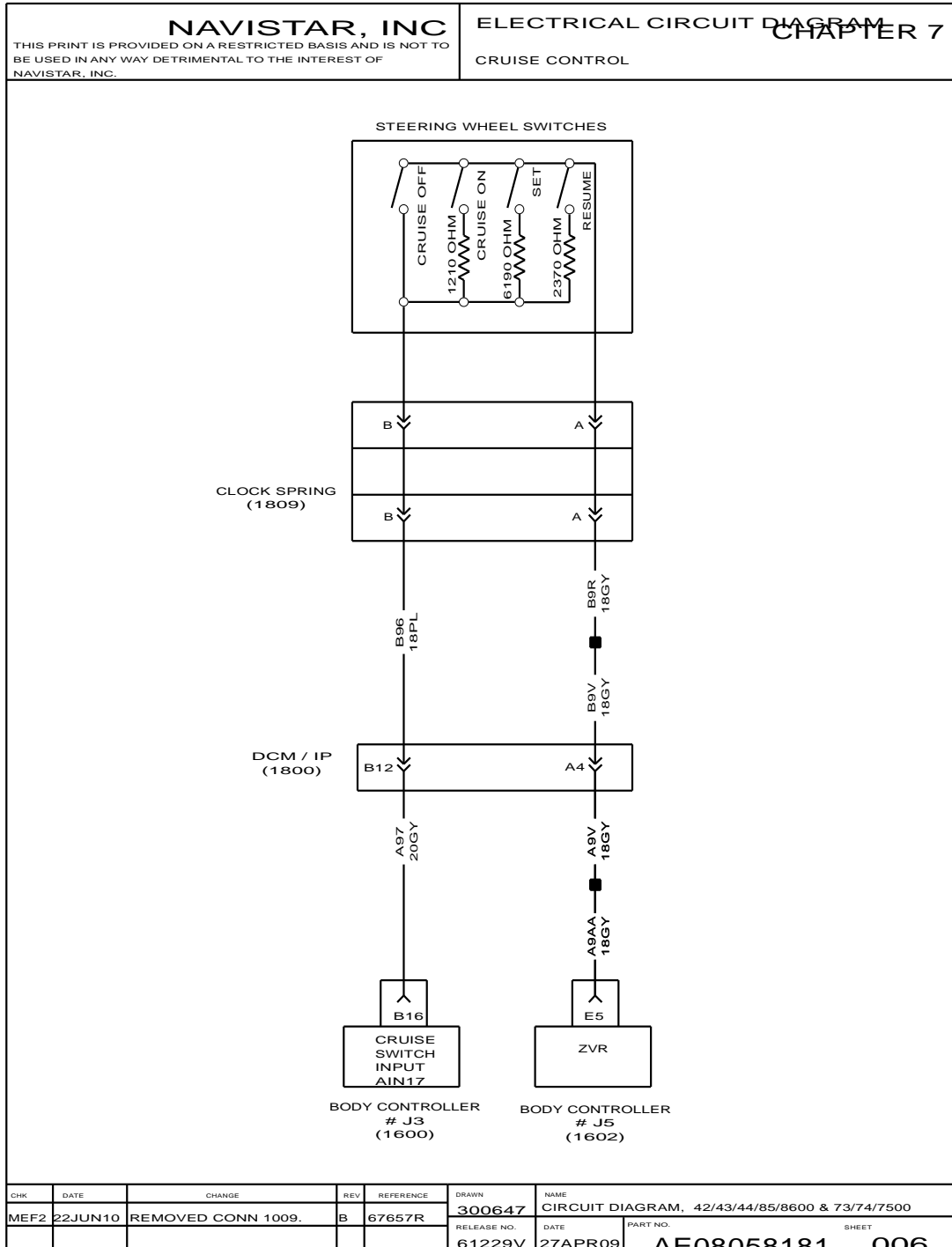


Figure 237 Cruise Control

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

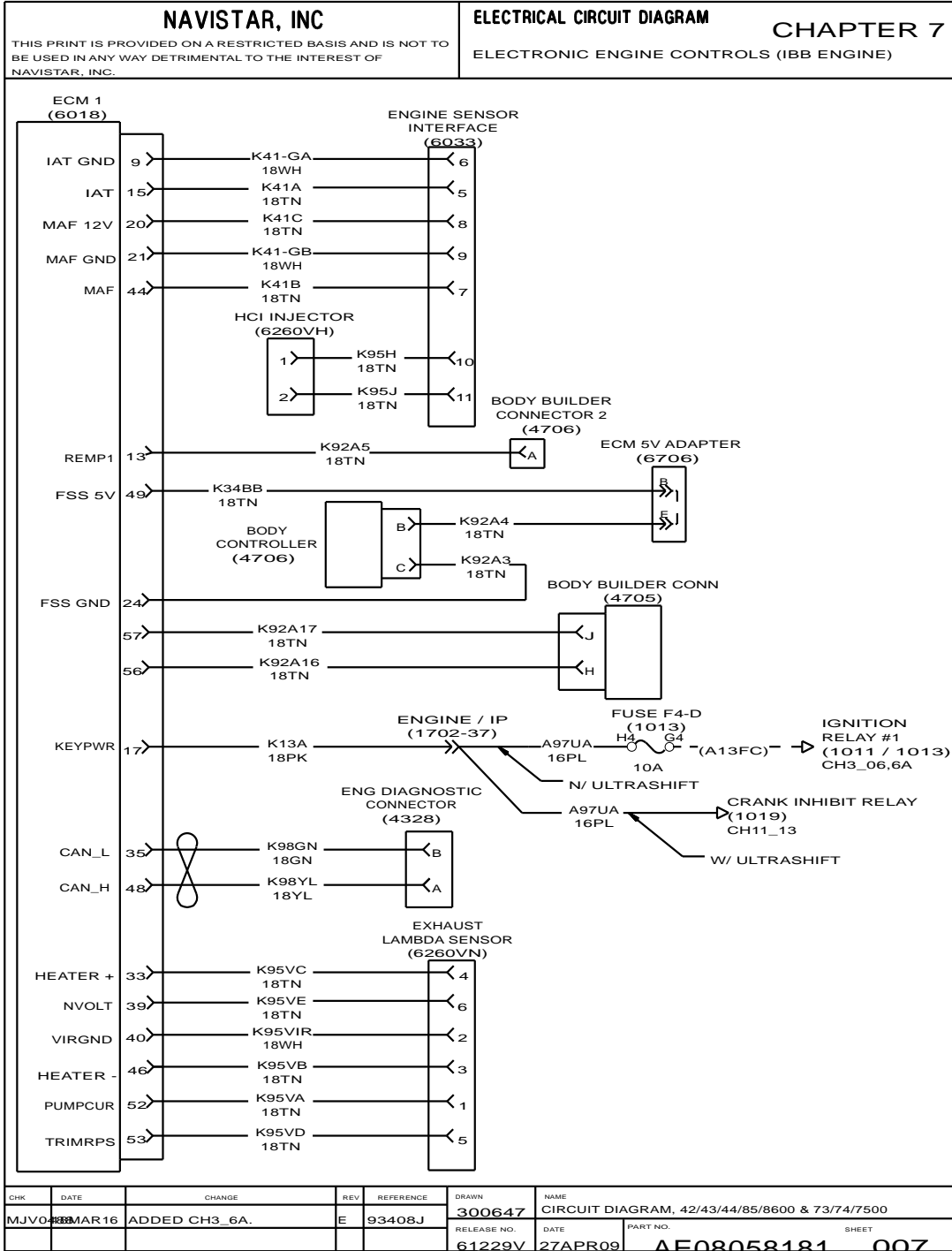


Figure 238 Electronic Engine Controls, IBB Engines



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

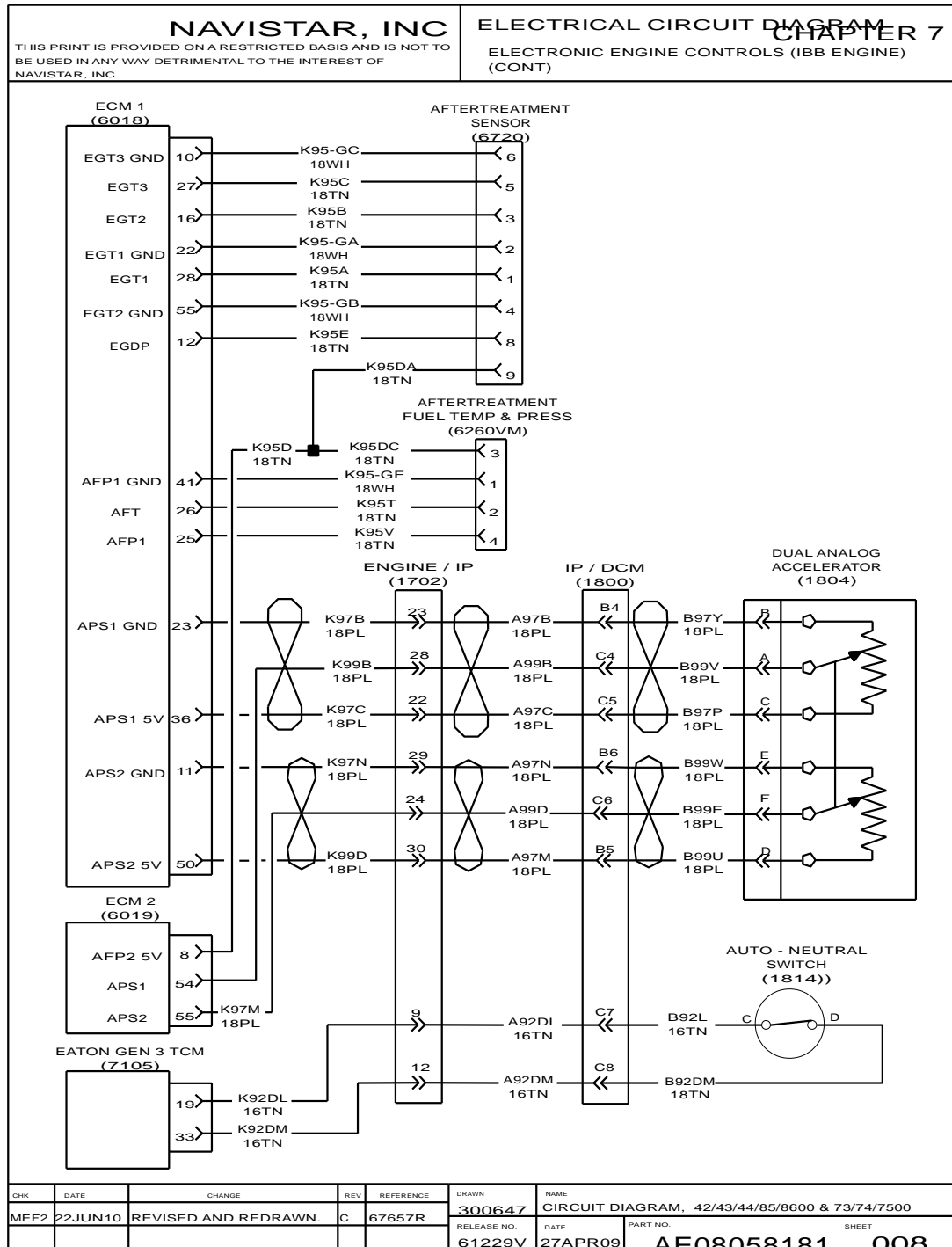
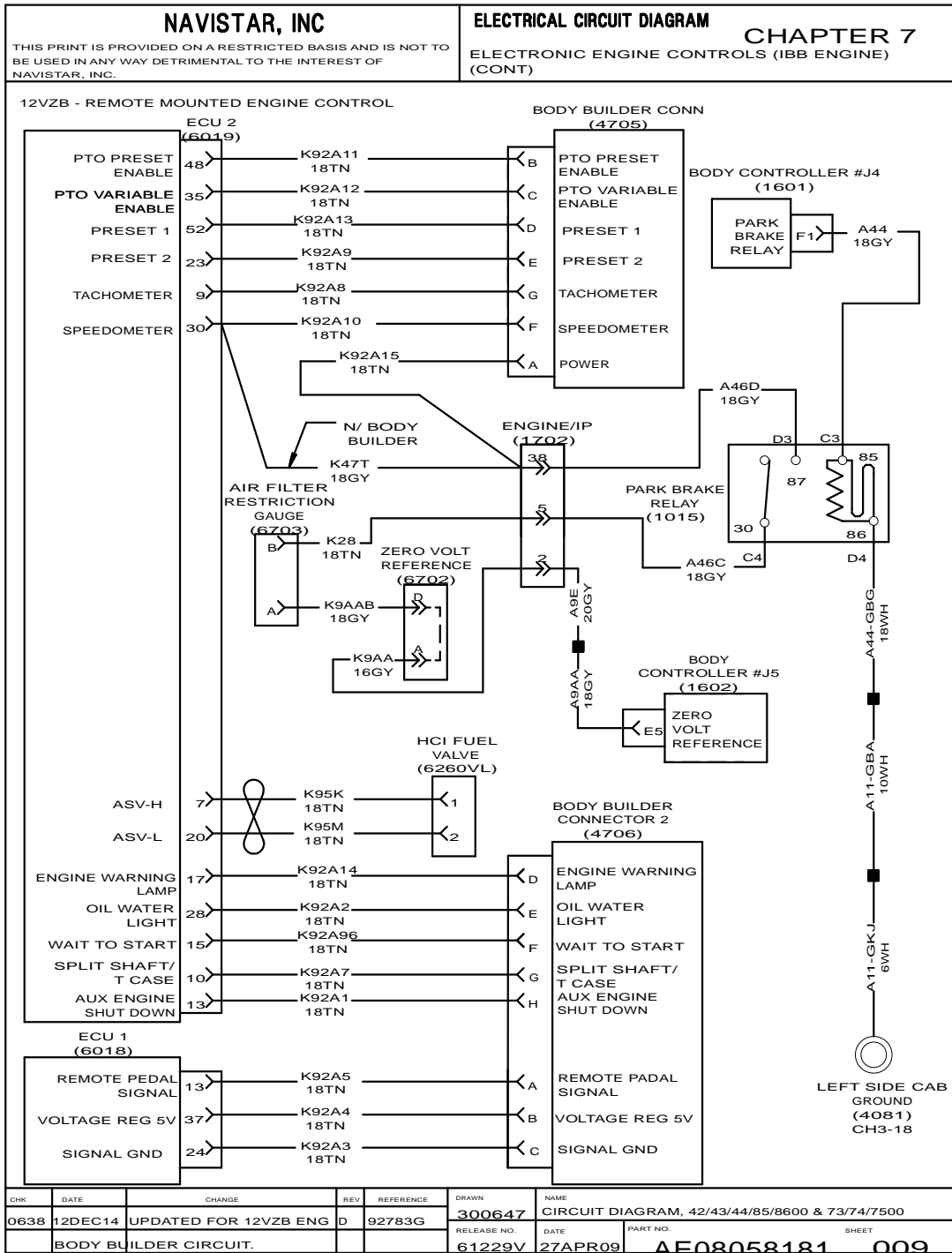


Figure 239 Electronic Engine Controls, IBB Engines (Cont.)

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



CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
0638	12DEC14	UPDATED FOR 12VZB ENG	D	92783G	300647	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
		BODY BUILDER CIRCUIT.			61229V	27APR09	
						AE08058181	SHEET 009

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

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

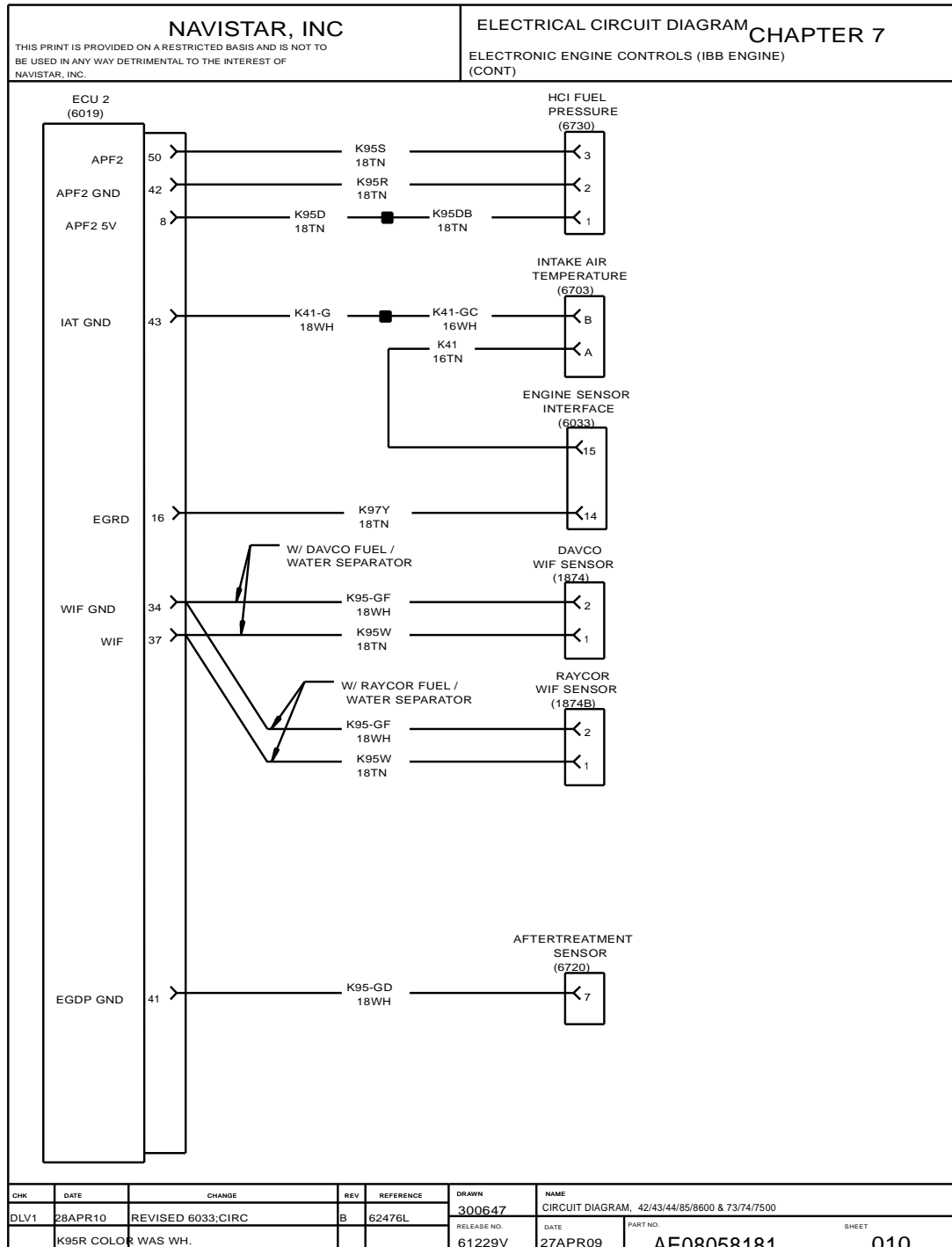


Figure 241 Electronic Engine Controls, IBB Engines (Cont.)

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

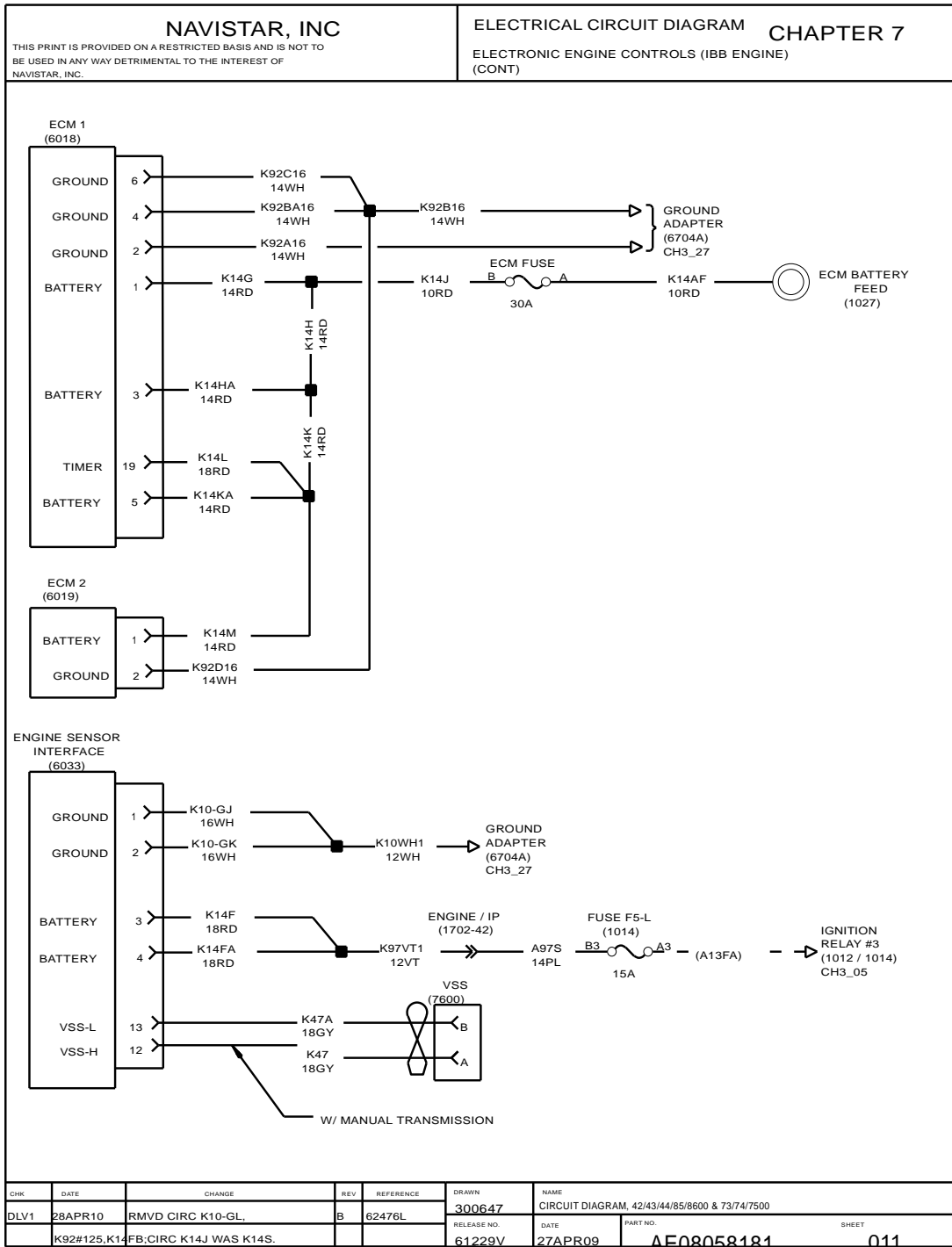


Figure 242 Electronic Engine Controls, IBB Engines (Cont.)

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

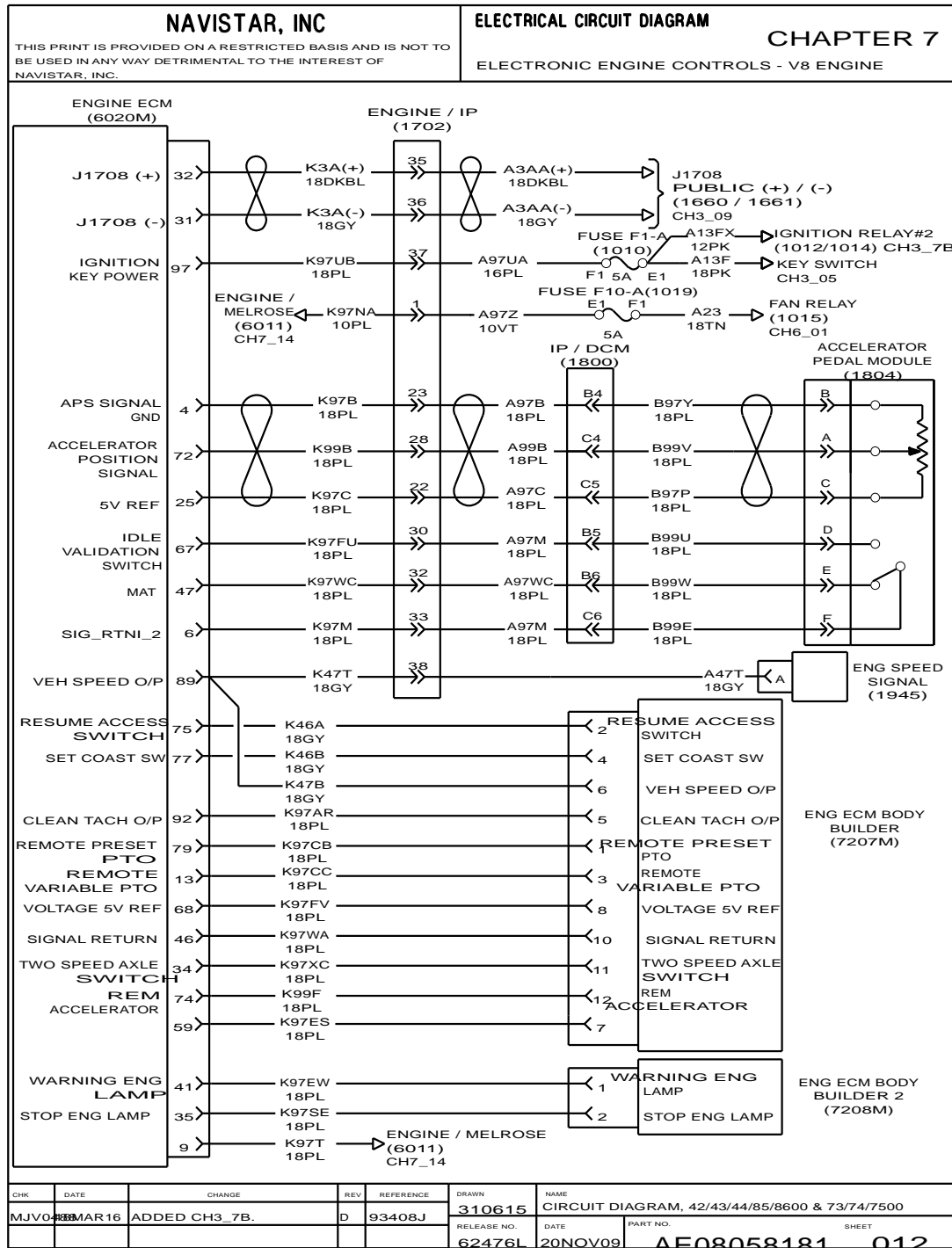


Figure 243 Electronic Engine Controls, V8 Engines

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

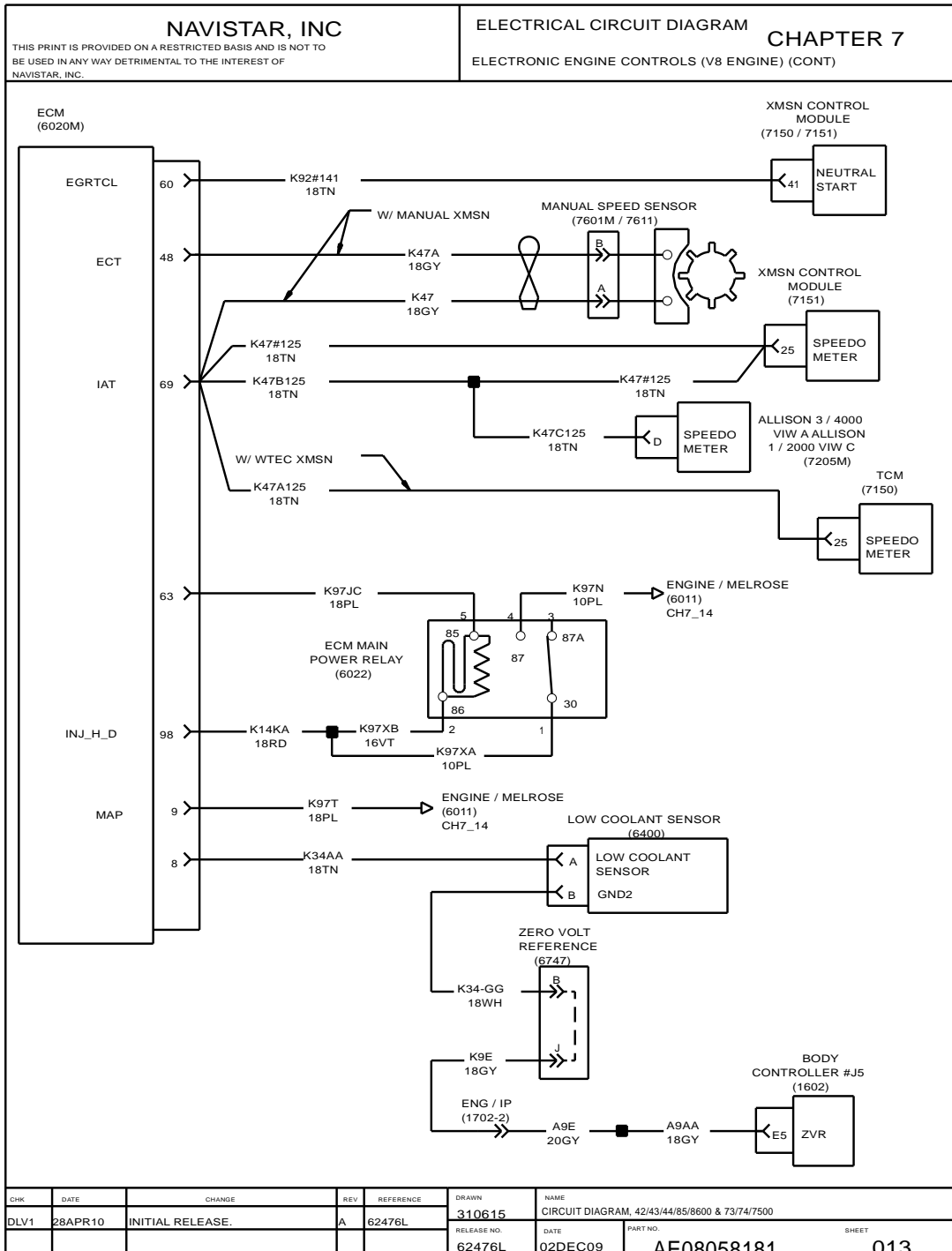


Figure 244 Electronic Engine Controls, V8 Engines (Cont.)

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

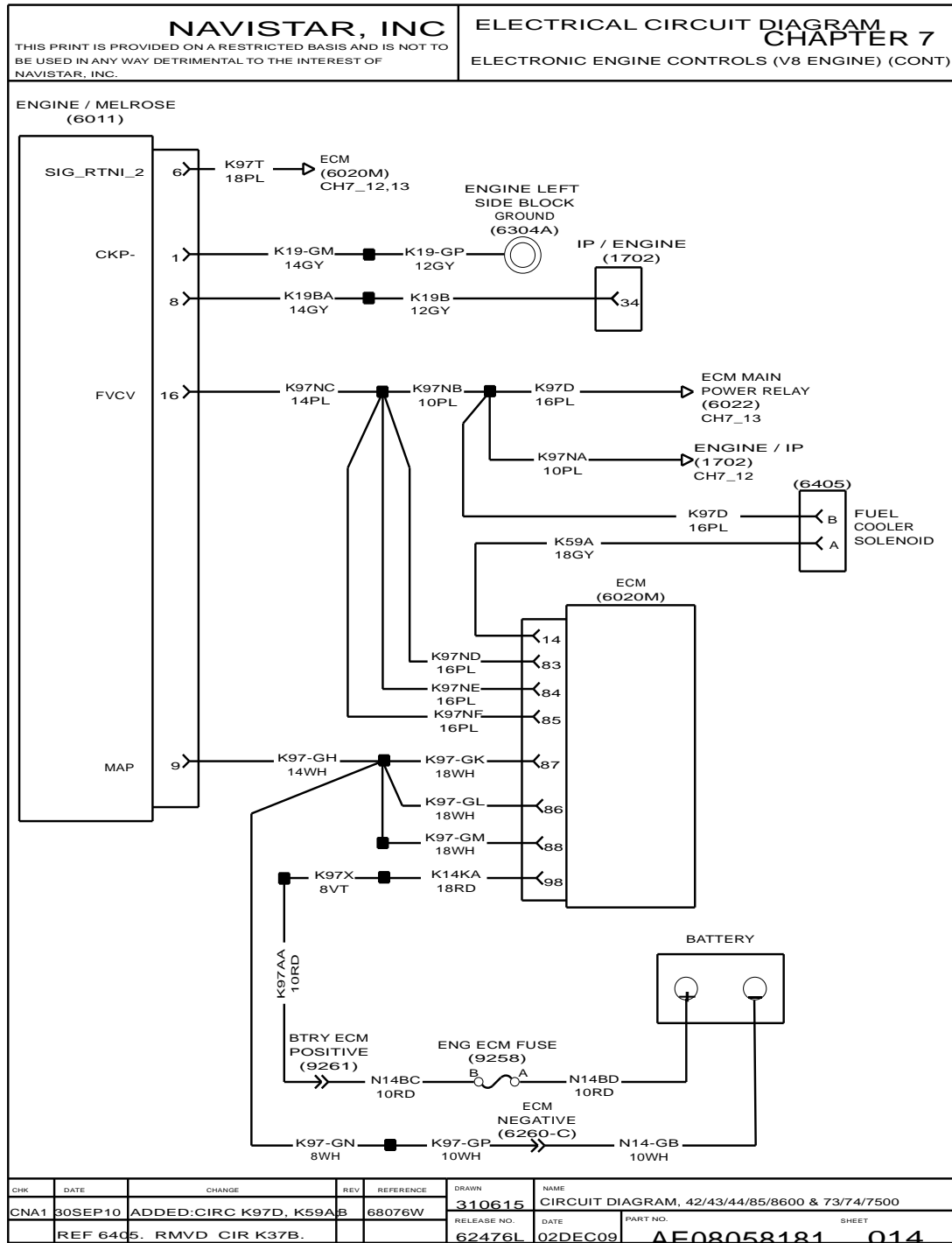


Figure 245 Electronic Engine Controls, V8 Engines (Cont.)

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

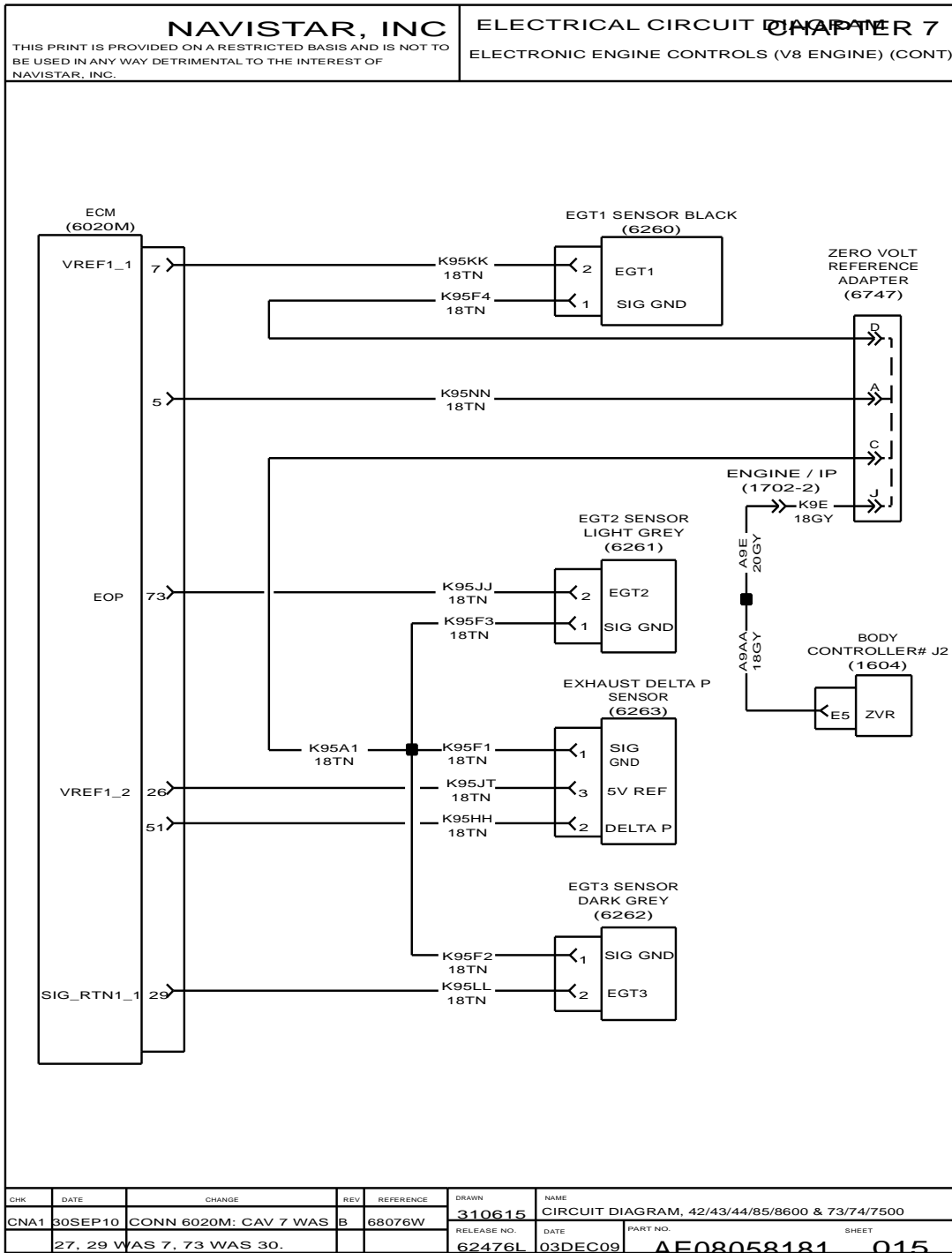


Figure 246 Electronic Engine Controls, V8 Engines (Cont.)



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

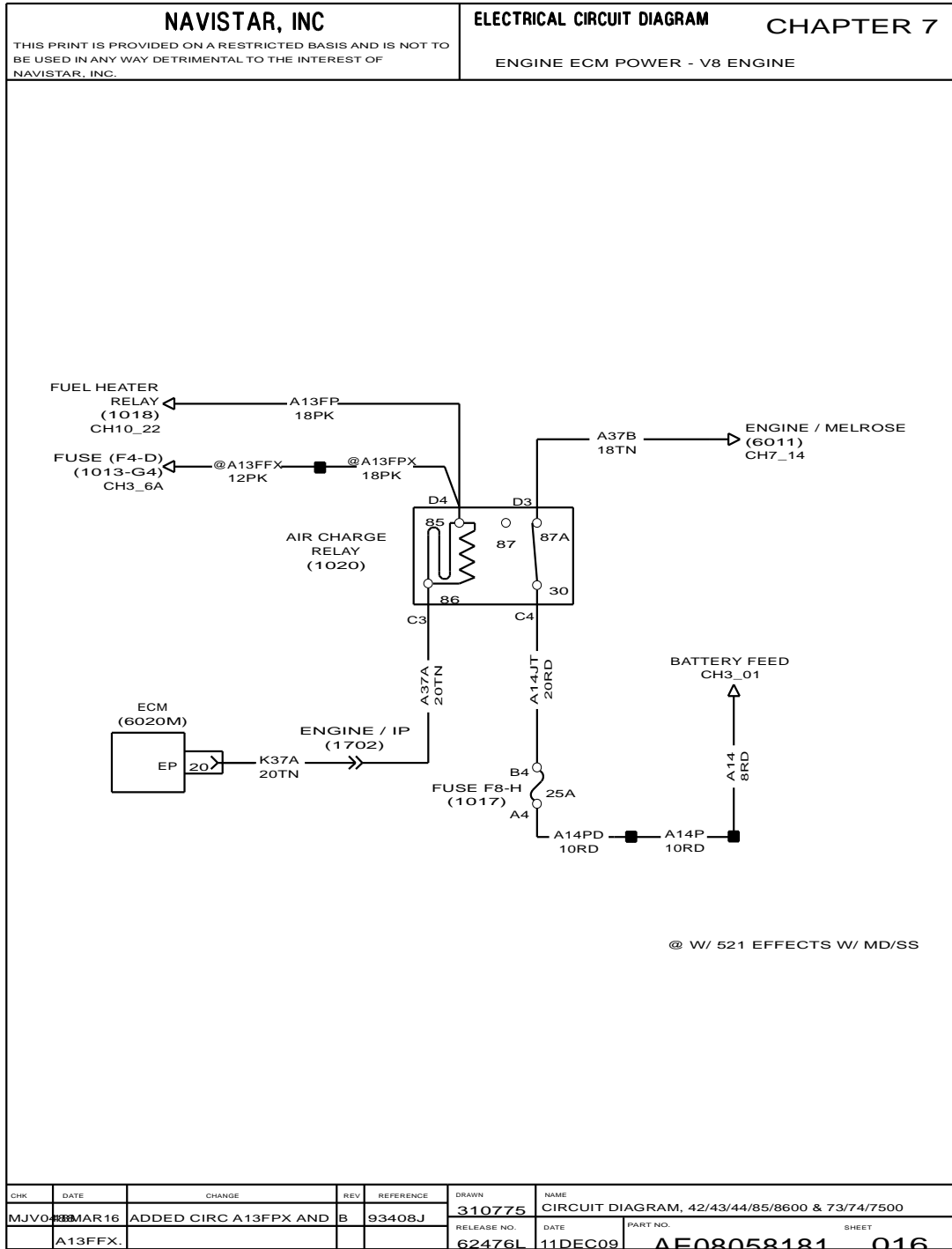


Figure 247 Engine ECM Power – V8 Engine

7.18. ELECTRONIC ENGINE CONTROLS I6 ENGINE, P. 17

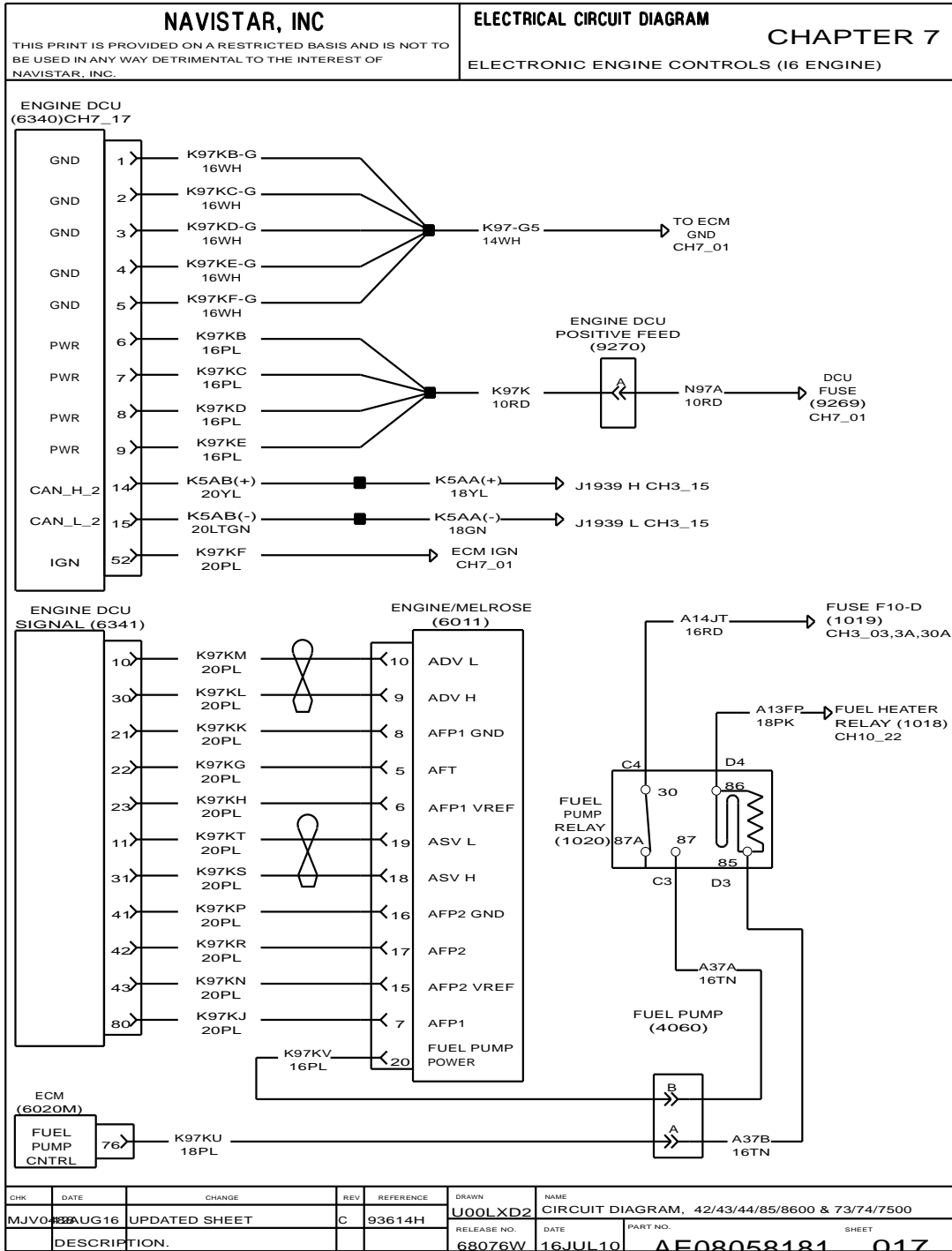


Figure 248 Electronic Engine Controls I6 Engine

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

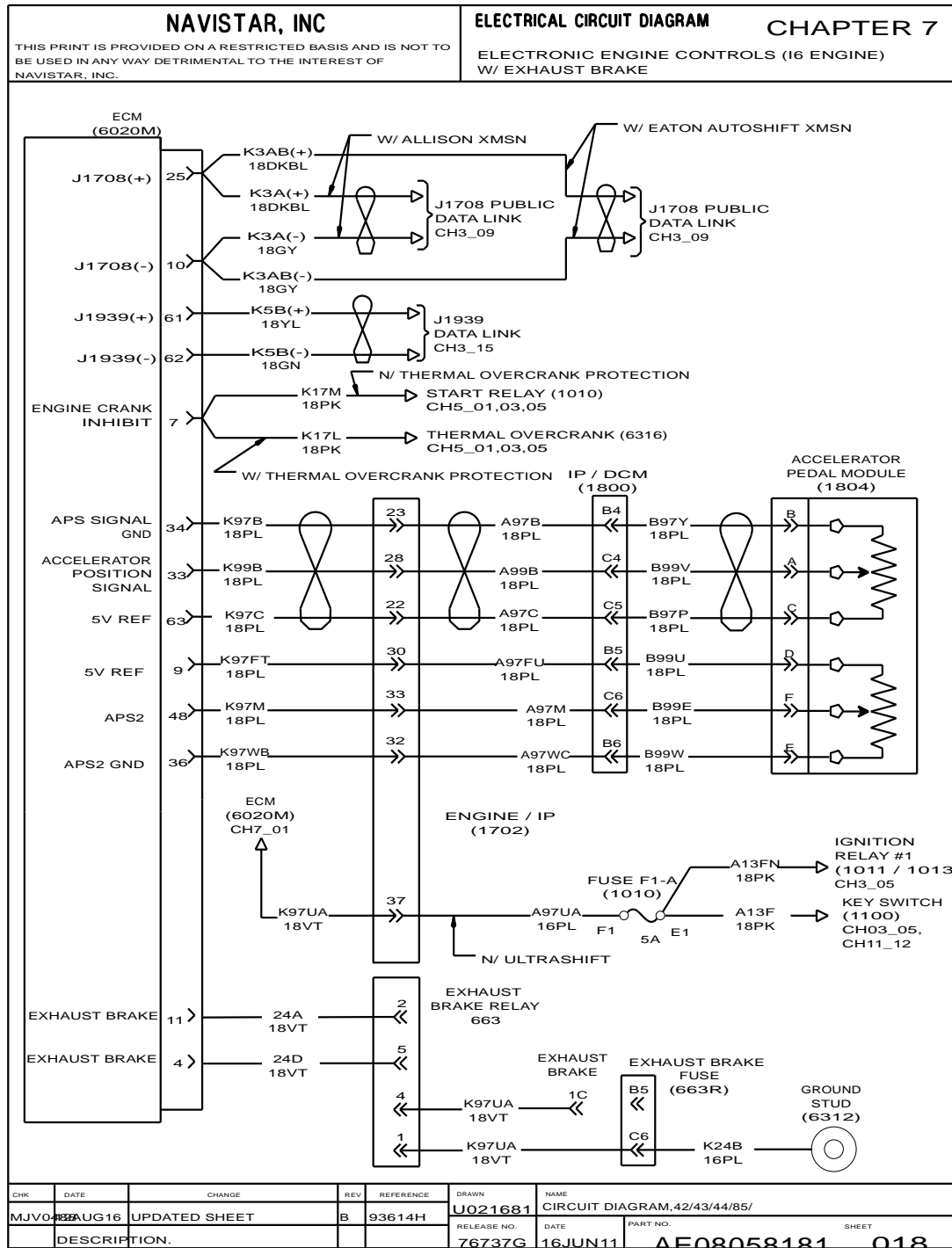


Figure 249 Electronic Engine Controls I6 Engine with Exhaust Brake

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

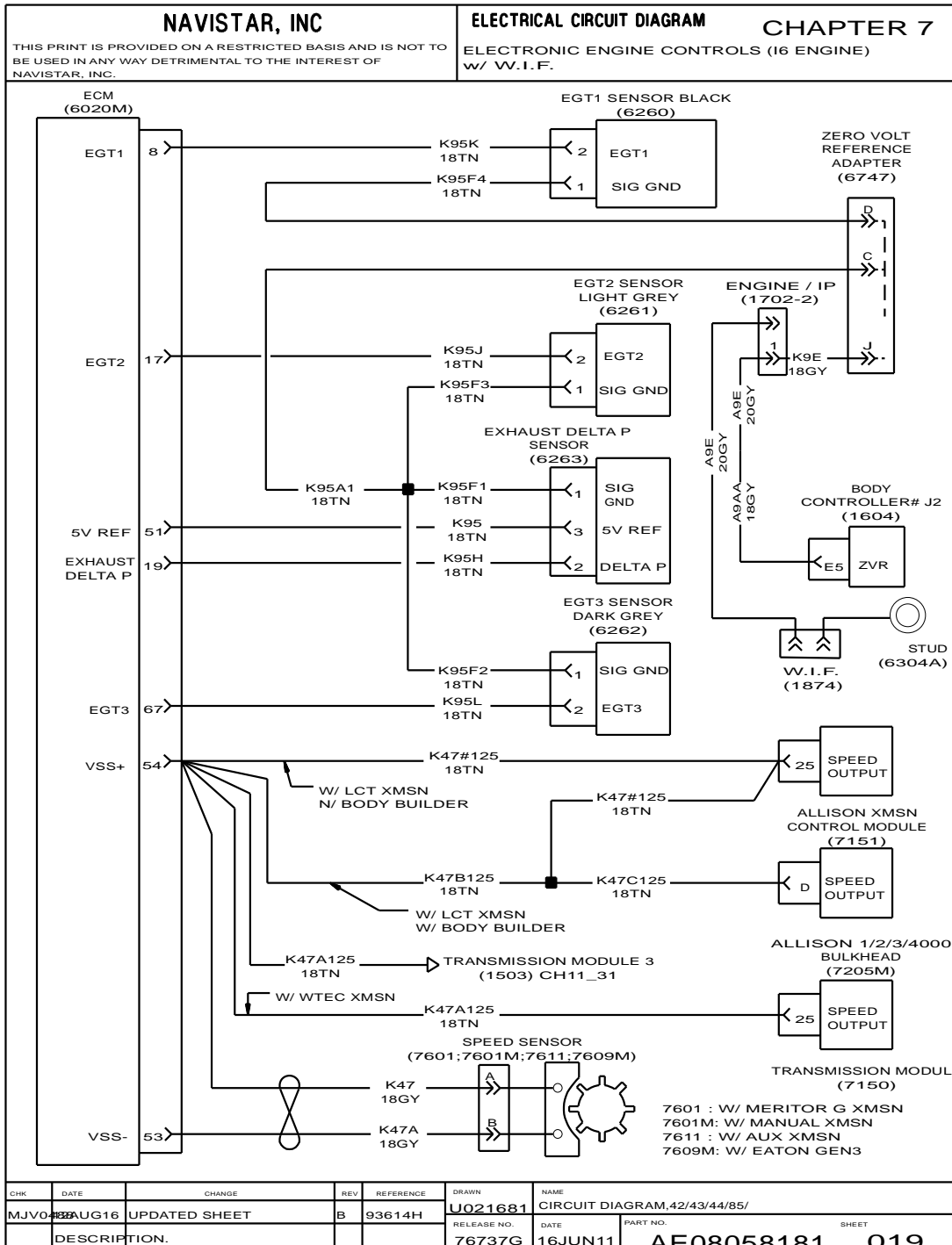


Figure 250 Electronic Engine Controls I6 Engine with Water in Fuel (WIF)

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

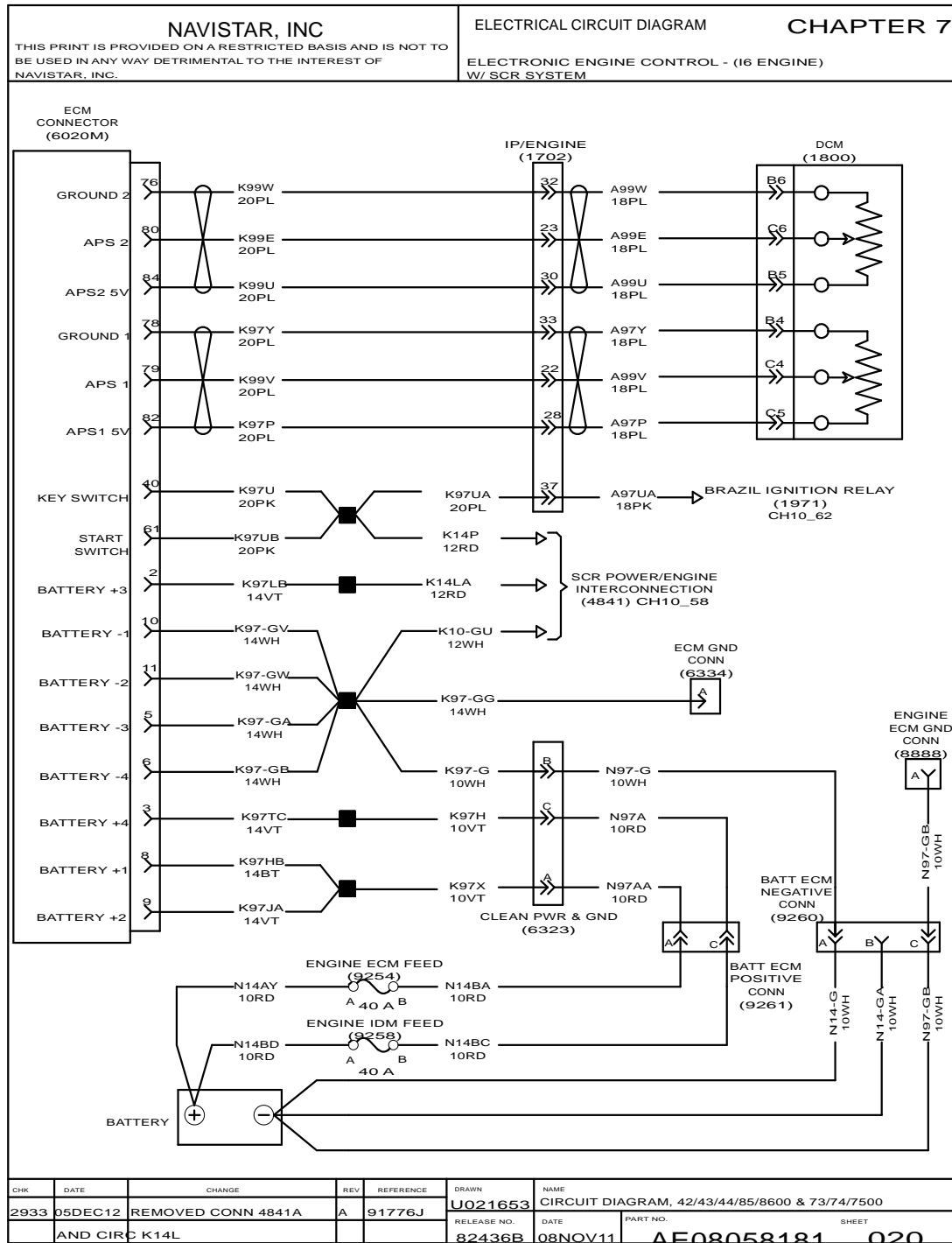


Figure 251 Electronic Engine Controls – I6 Engine with SCR System

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

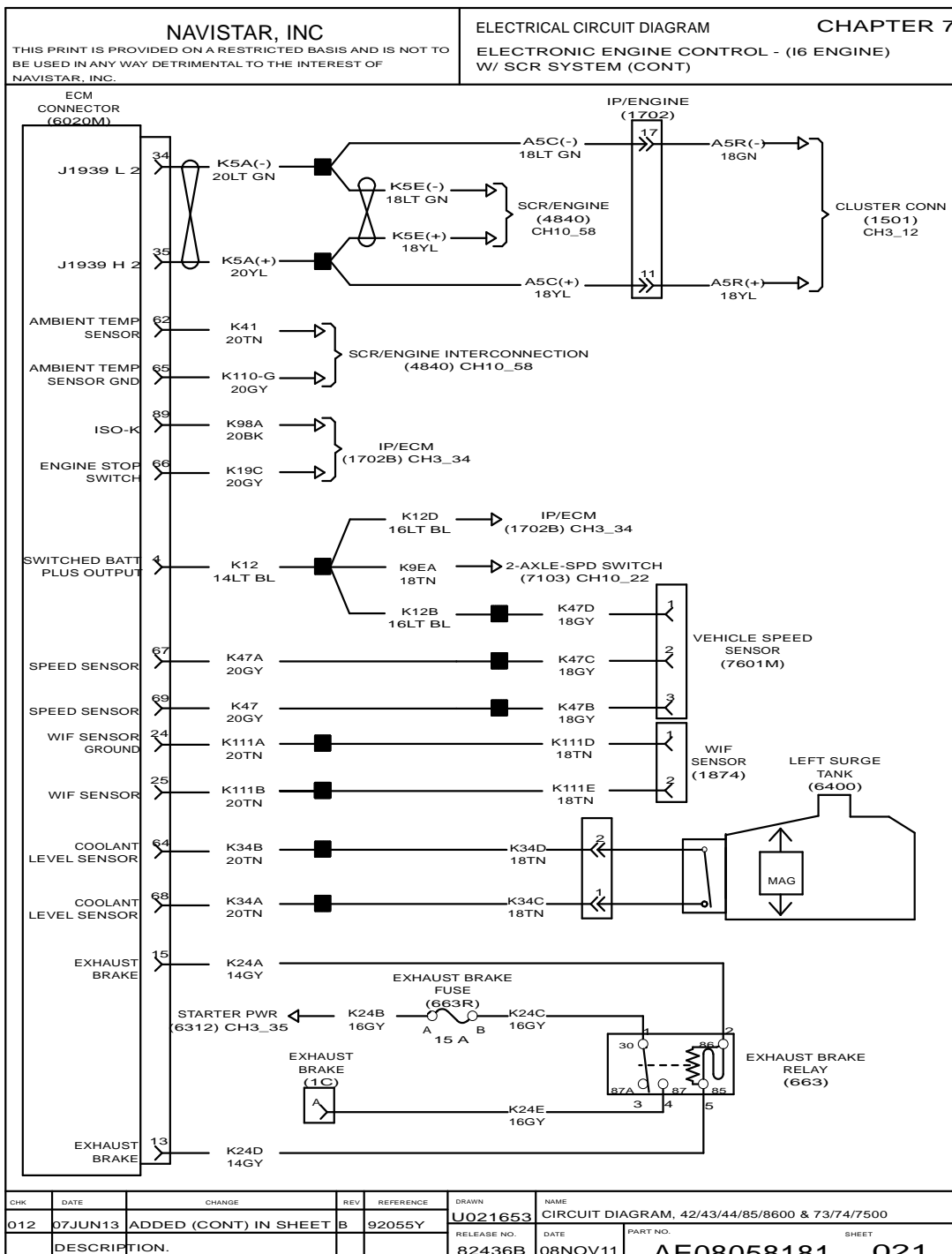


Figure 252 Electronic Engine Controls – I6 Engine with SCR System (Cont.)

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

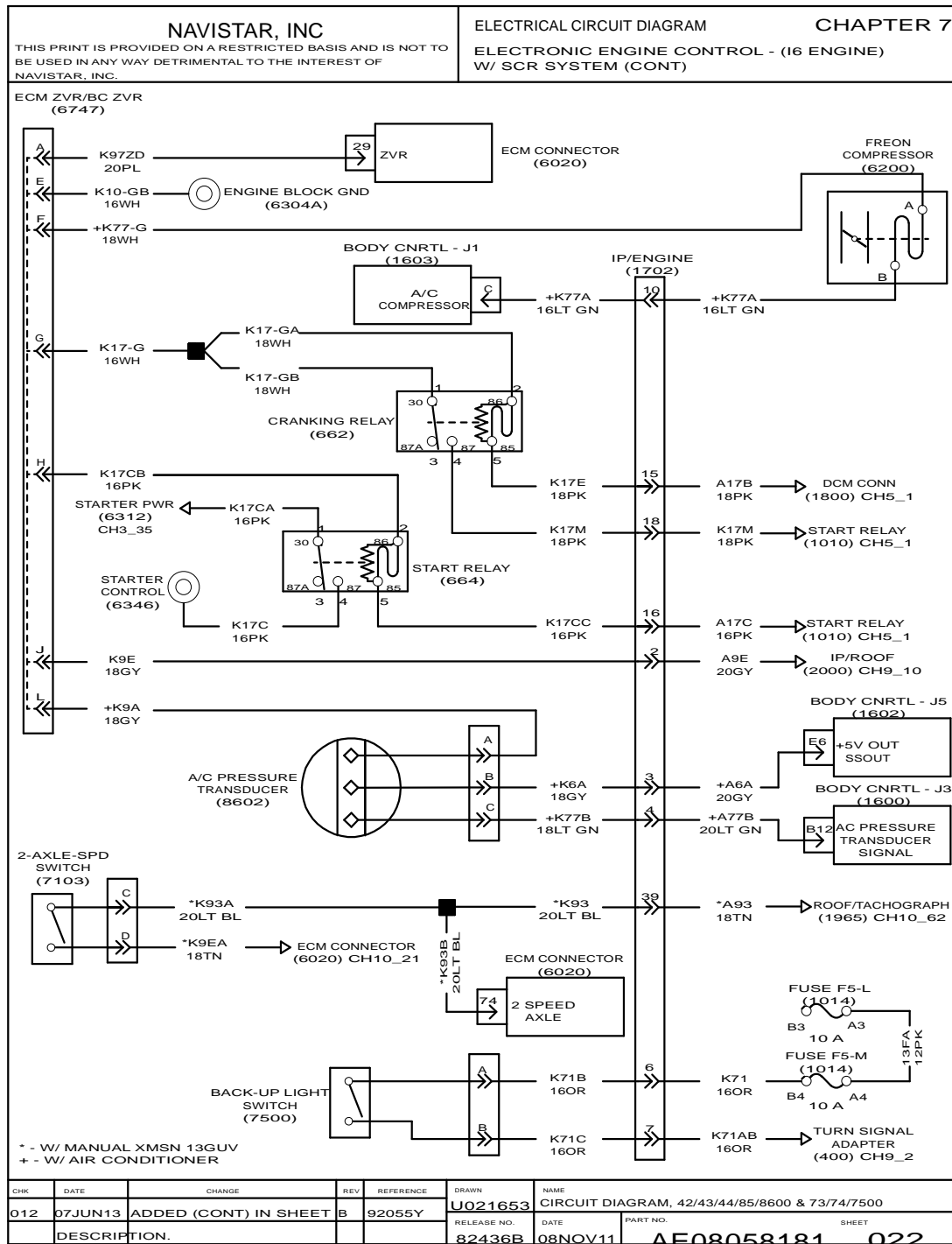


Figure 253 Electronic Engine Controls – I6 Engine with SCR System (Cont.)

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

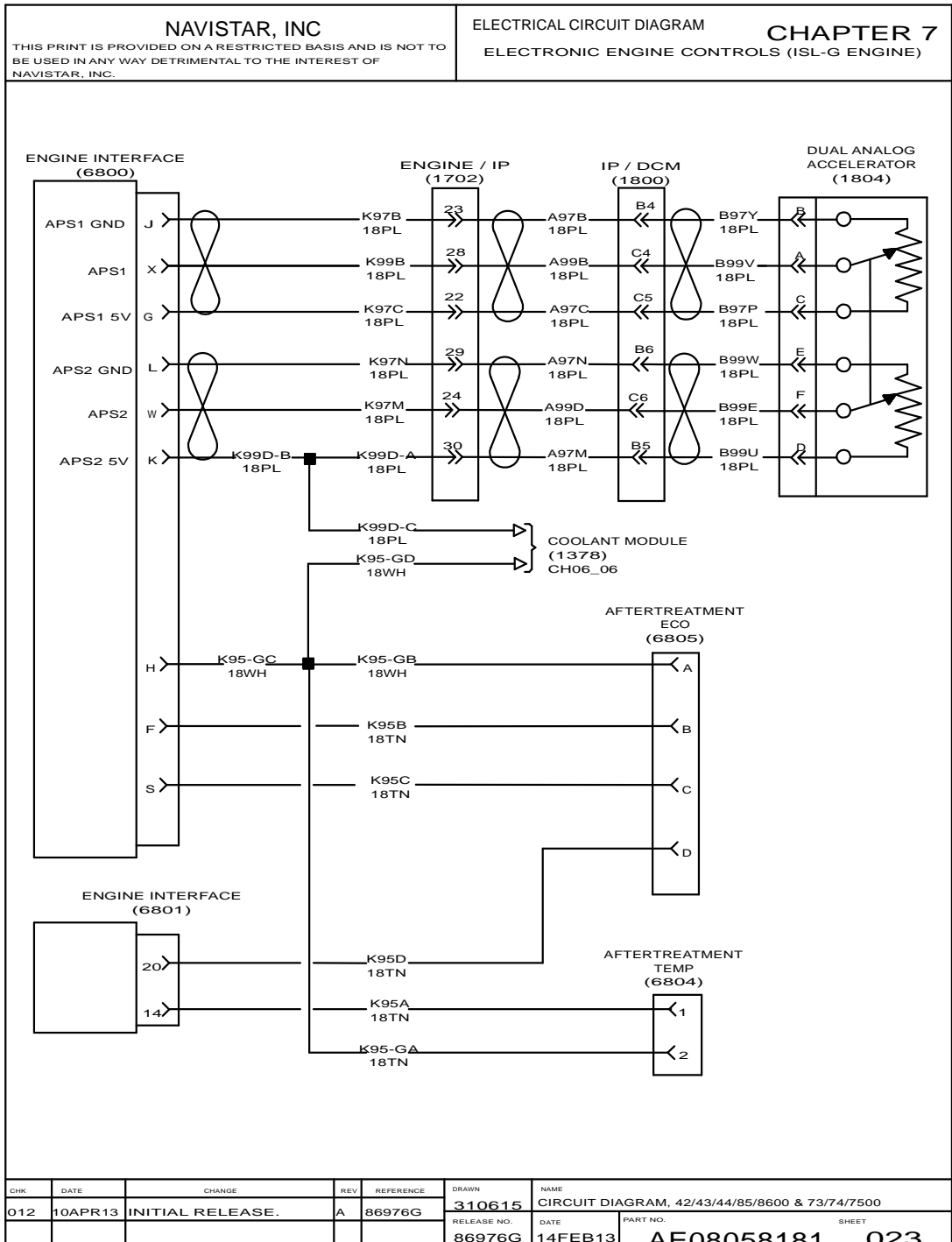


Figure 254 Electronic Engine Controls (ISL- G Engine)



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

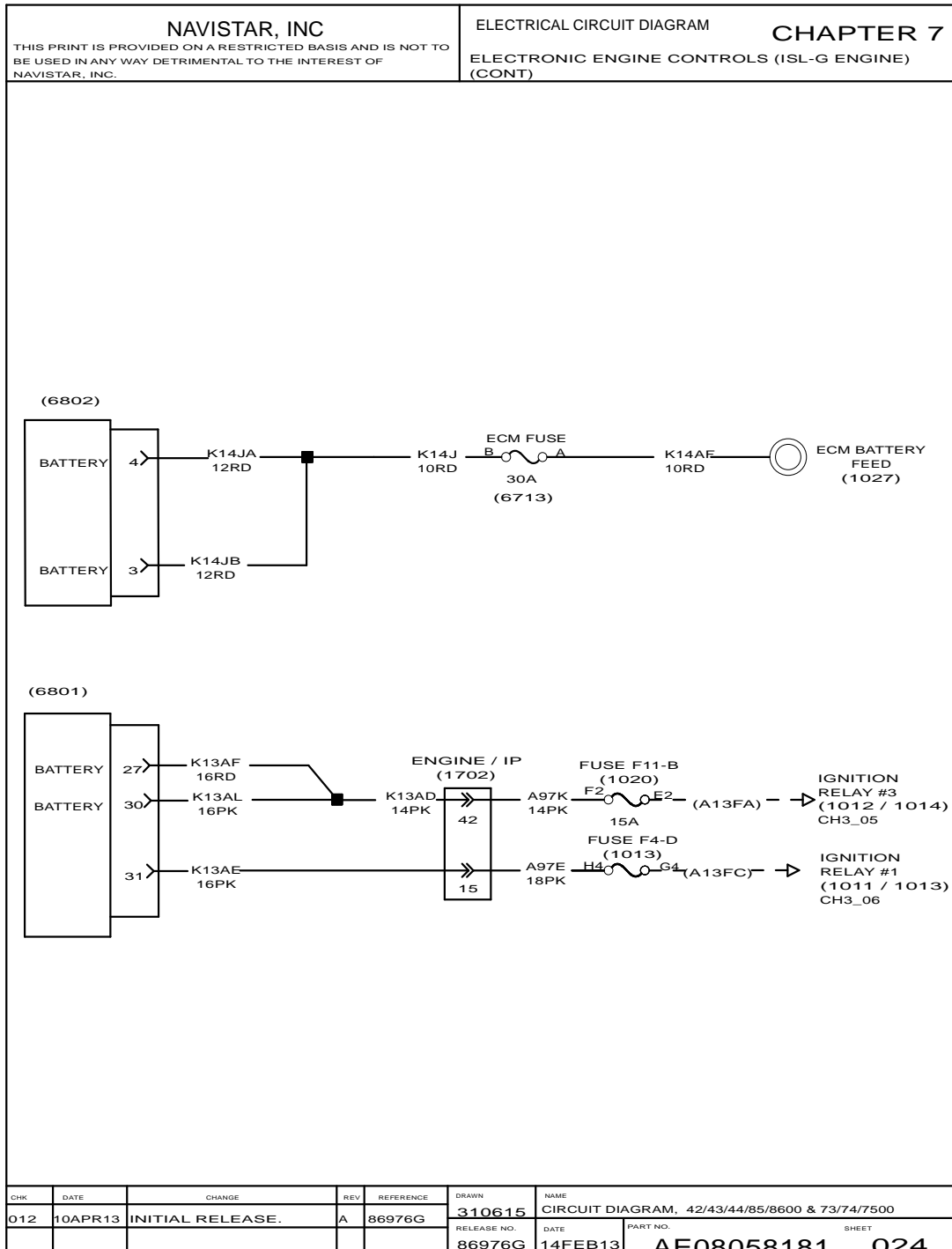


Figure 255 Electronic Engine Controls (ISL – G Engine) (Cont.)

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

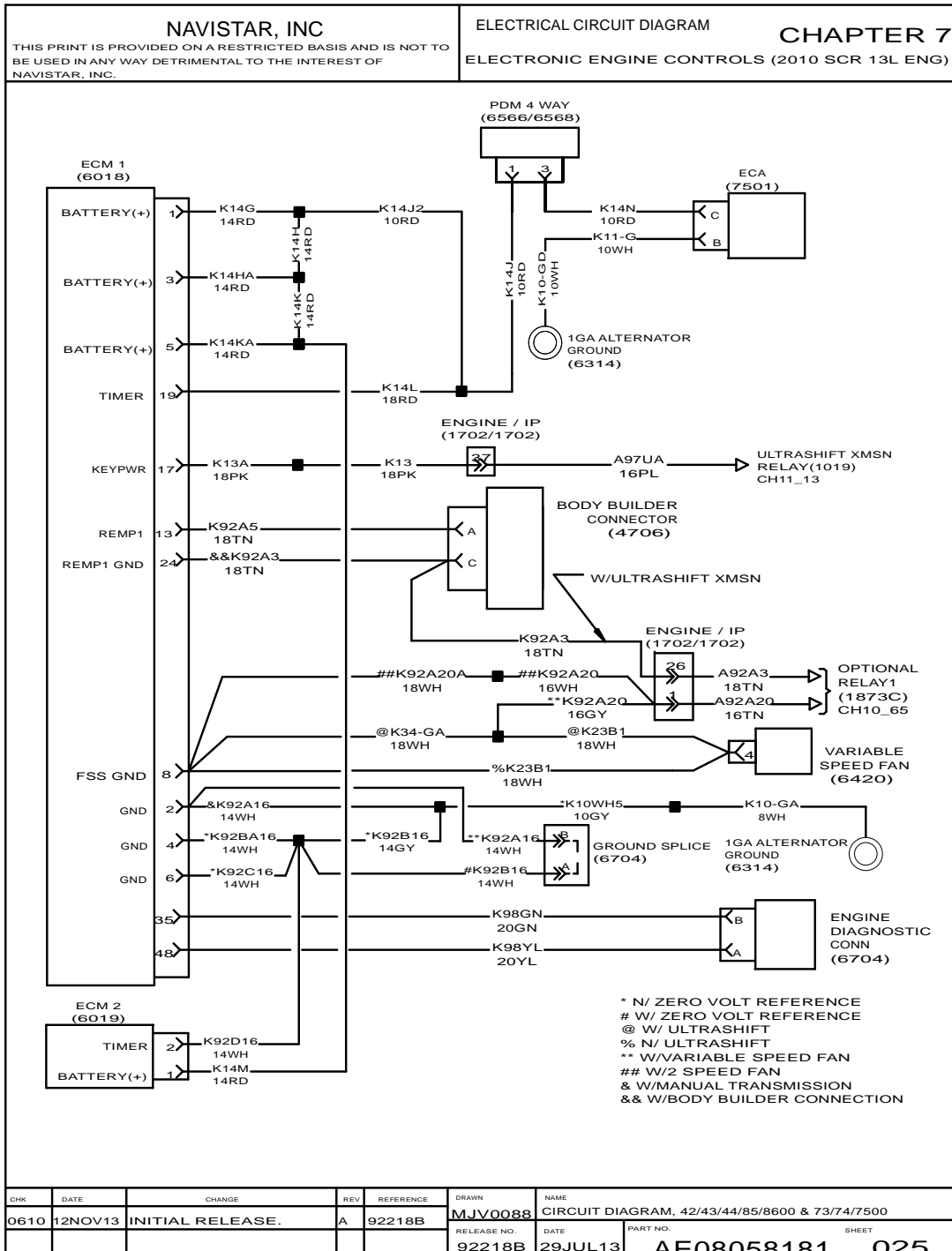


Figure 256 Electronic Engine Control (2010 SCR 13L Engine)

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

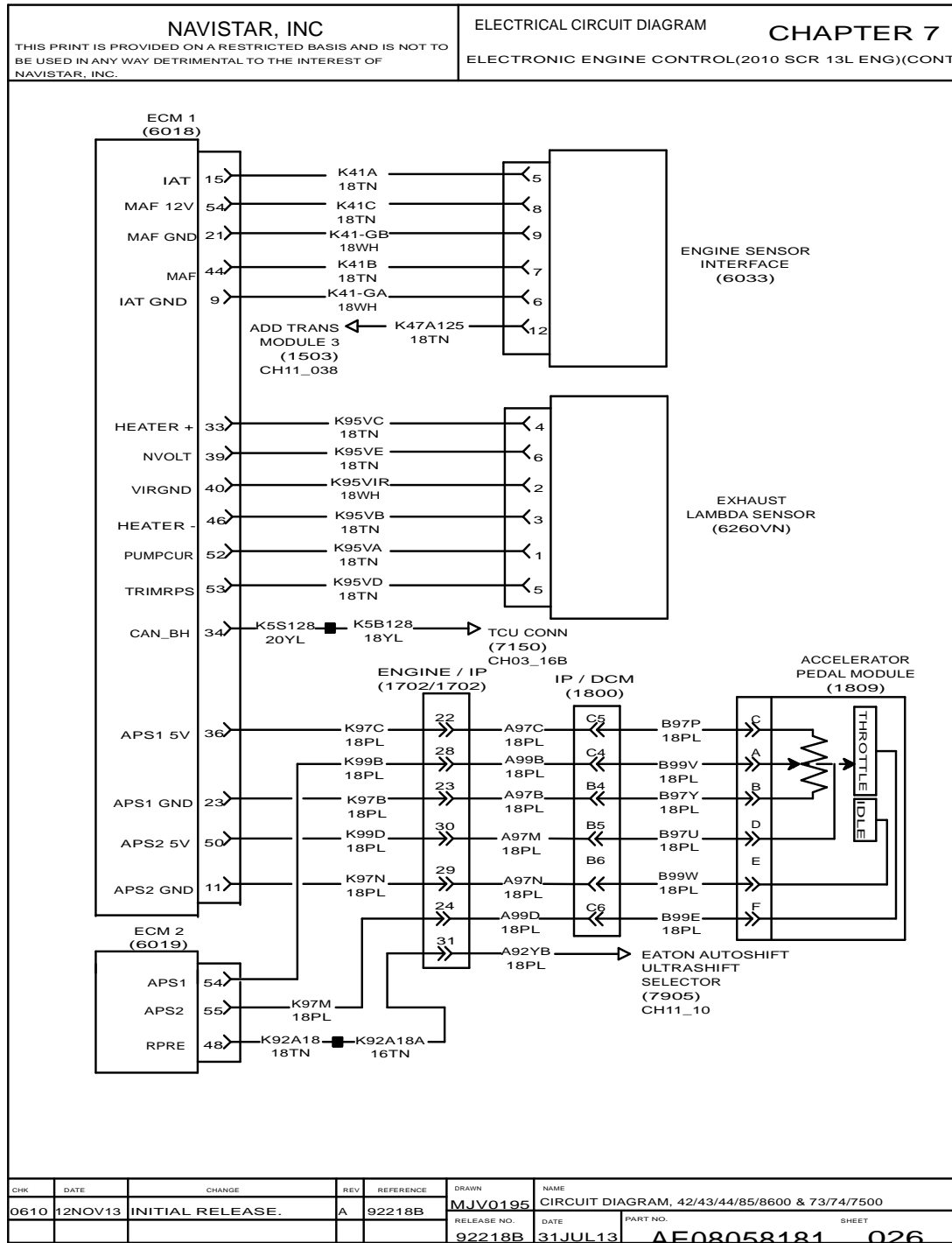


Figure 257 Electronic Engine Control (2010 SCR 13L Engine) (Cont.)

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

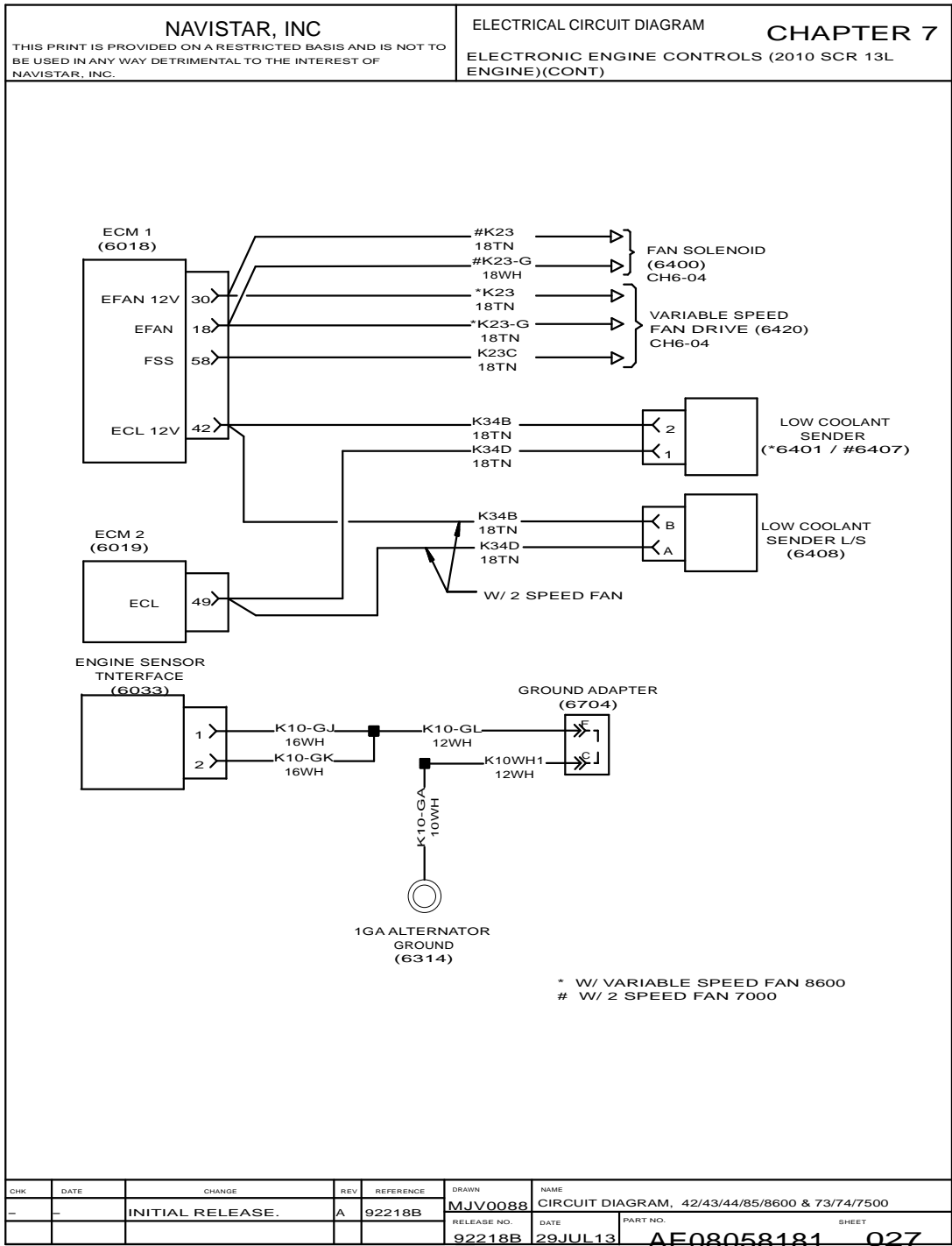


Figure 258 Electronic Engine Control (2010 SCR 13L Engine) (Cont.)

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

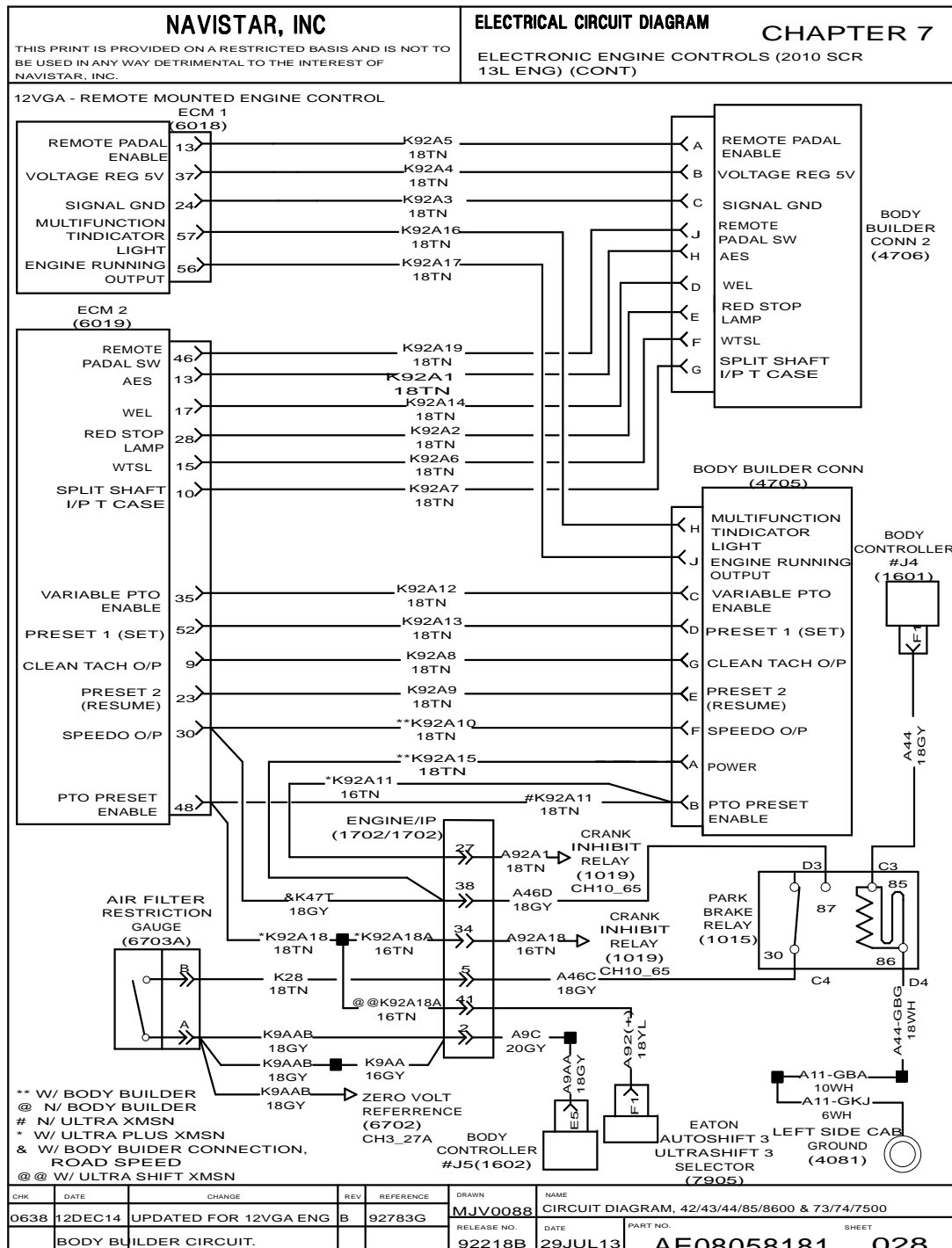


Figure 259 Electronic Engine Control (2010 SCR 13L Engine) (Cont.)

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

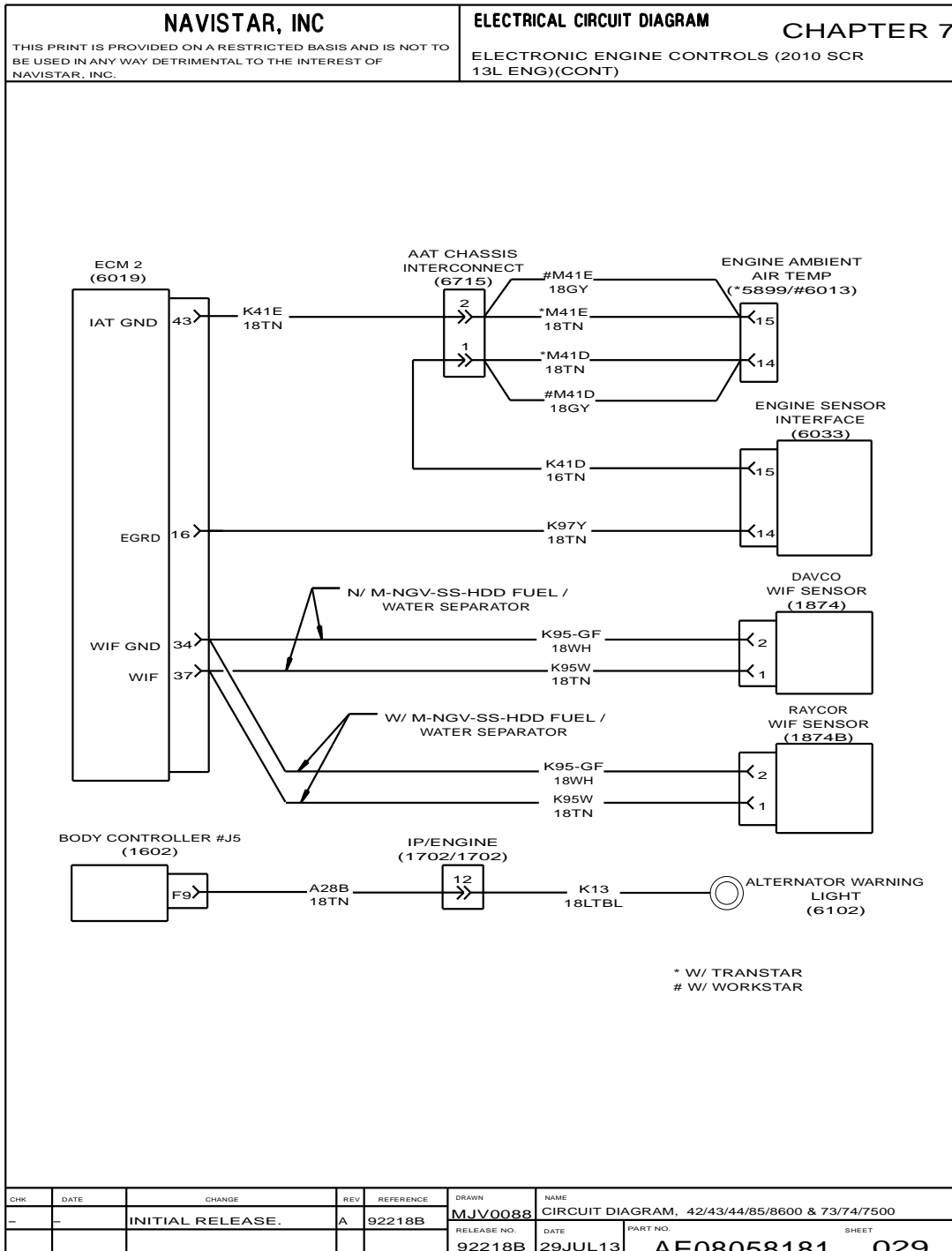


Figure 260 Electronic Engine Control (2010 SCR 13L Engine) (Cont.)

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

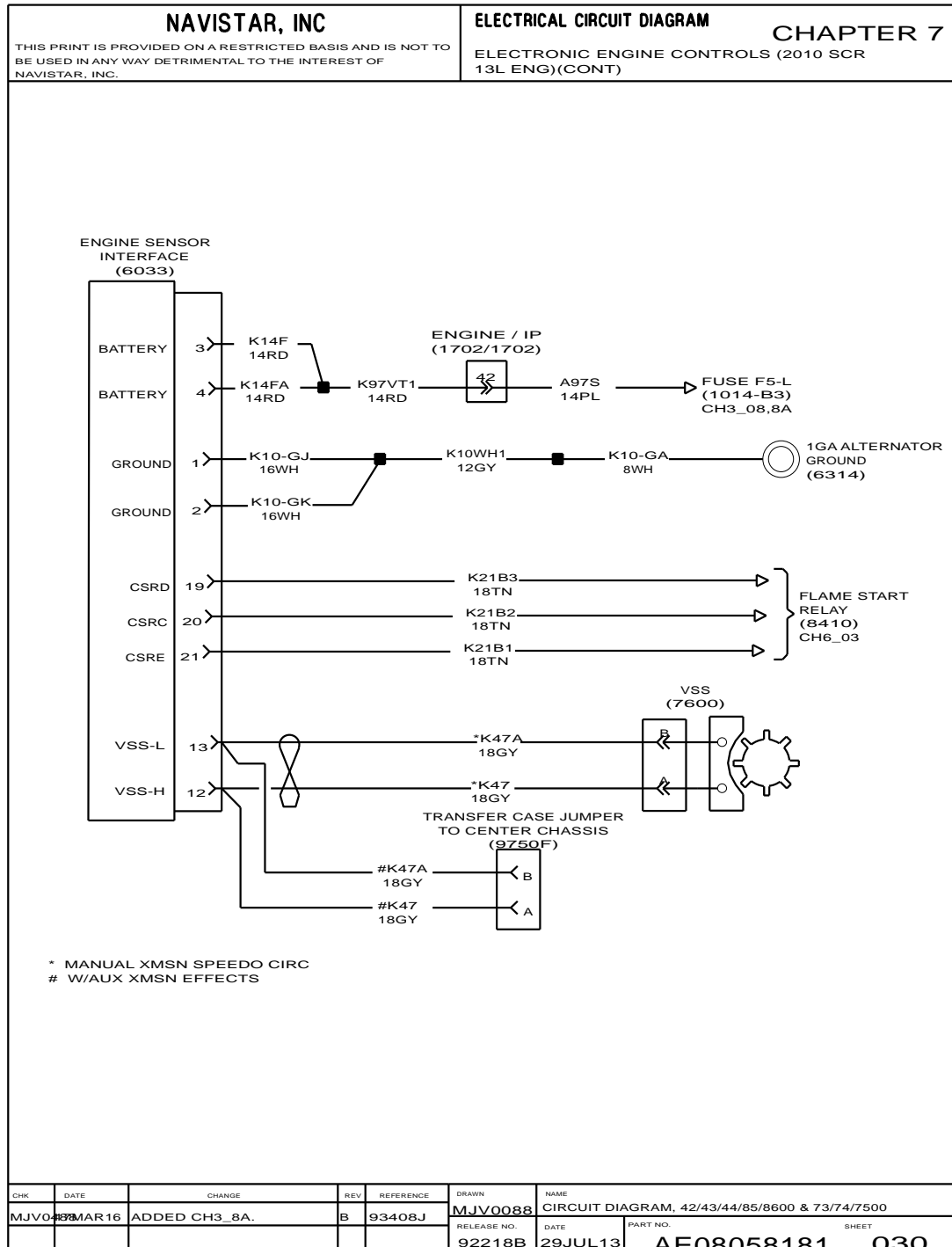


Figure 261 Electronic Engine Control (2010 SCR 13L Engine) (Cont.)

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

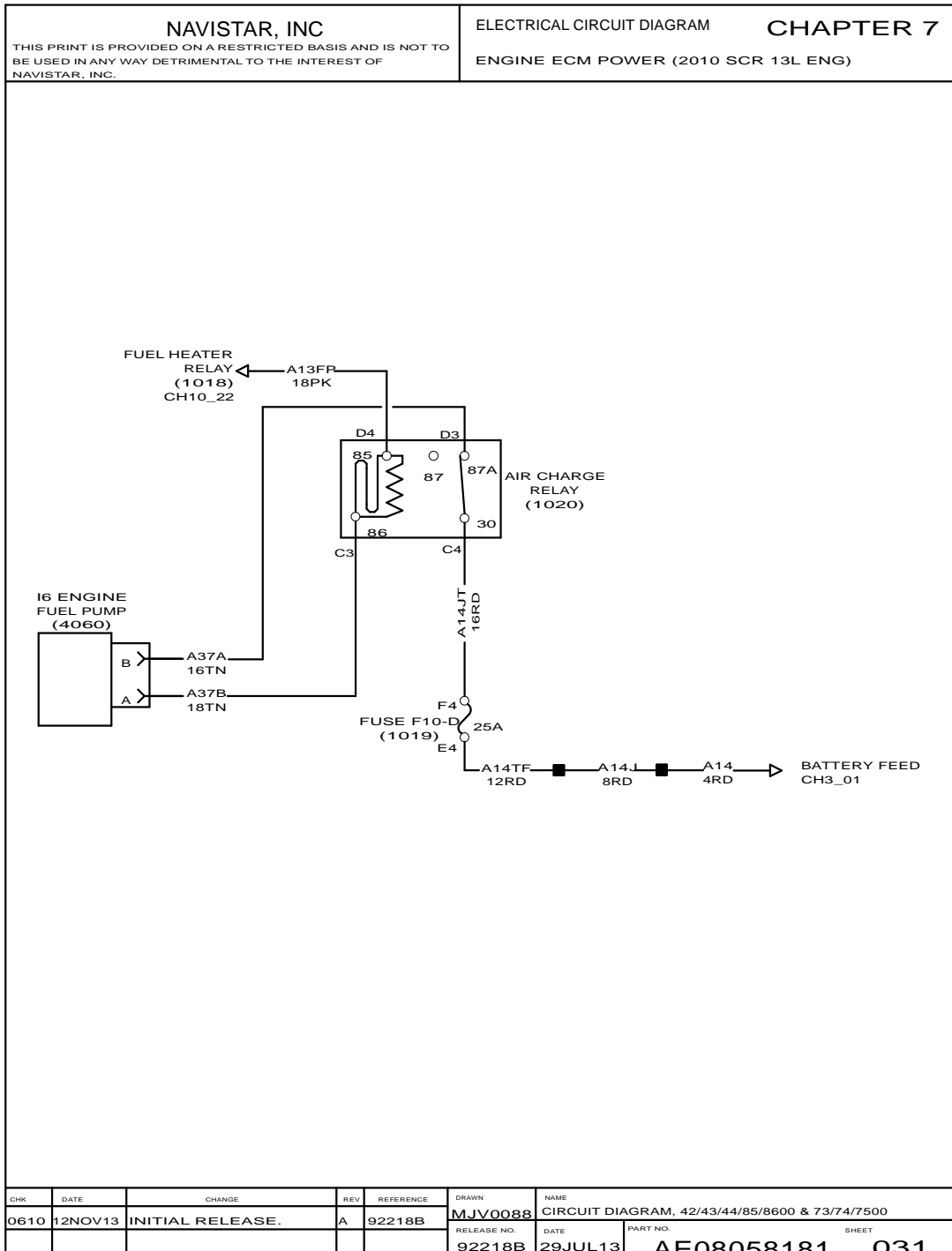


Figure 262 Engine ECM Power (2010 SCR 13L Engine)



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

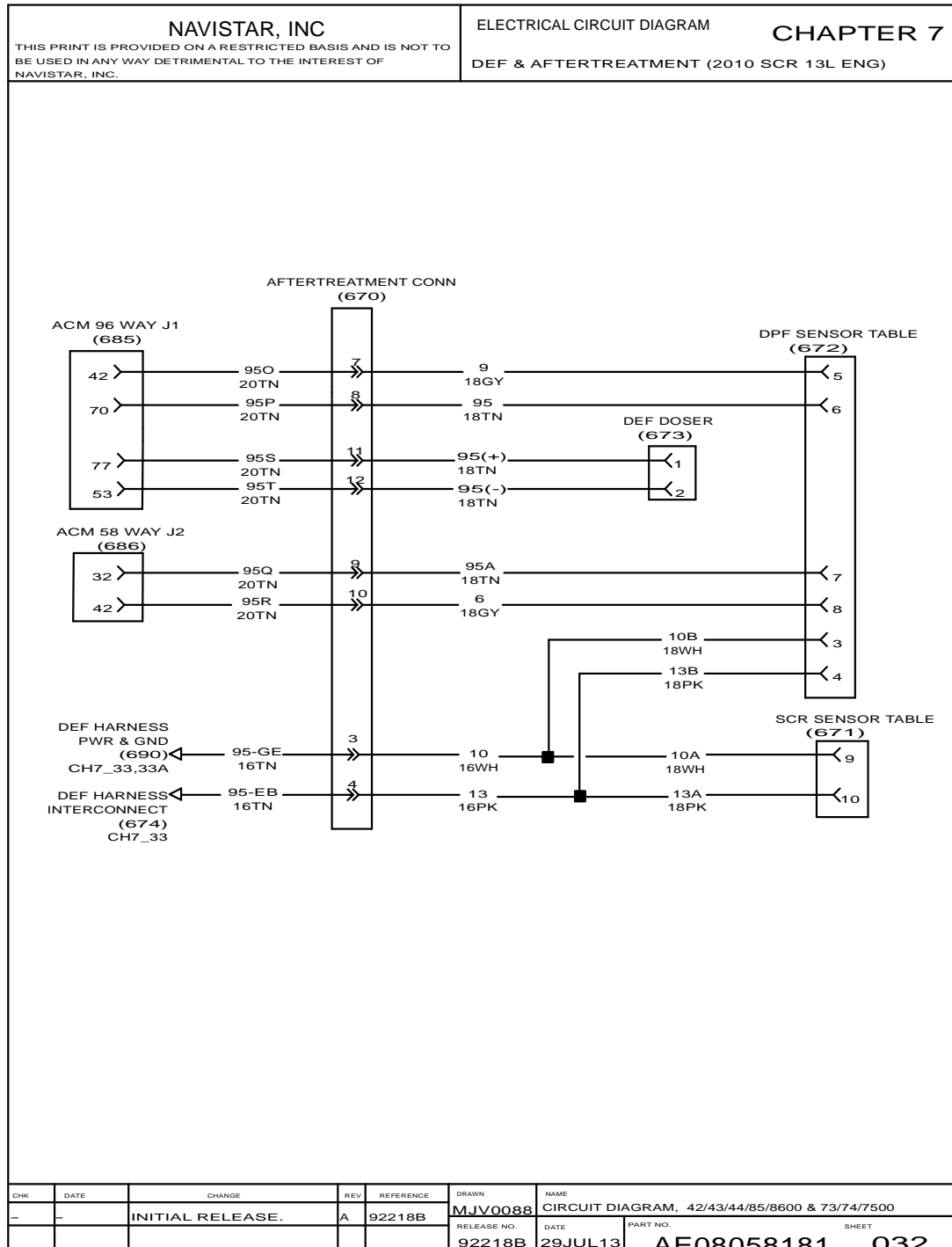


Figure 263 DEF & Aftertreatment (2010 SCR 13L Engine)

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

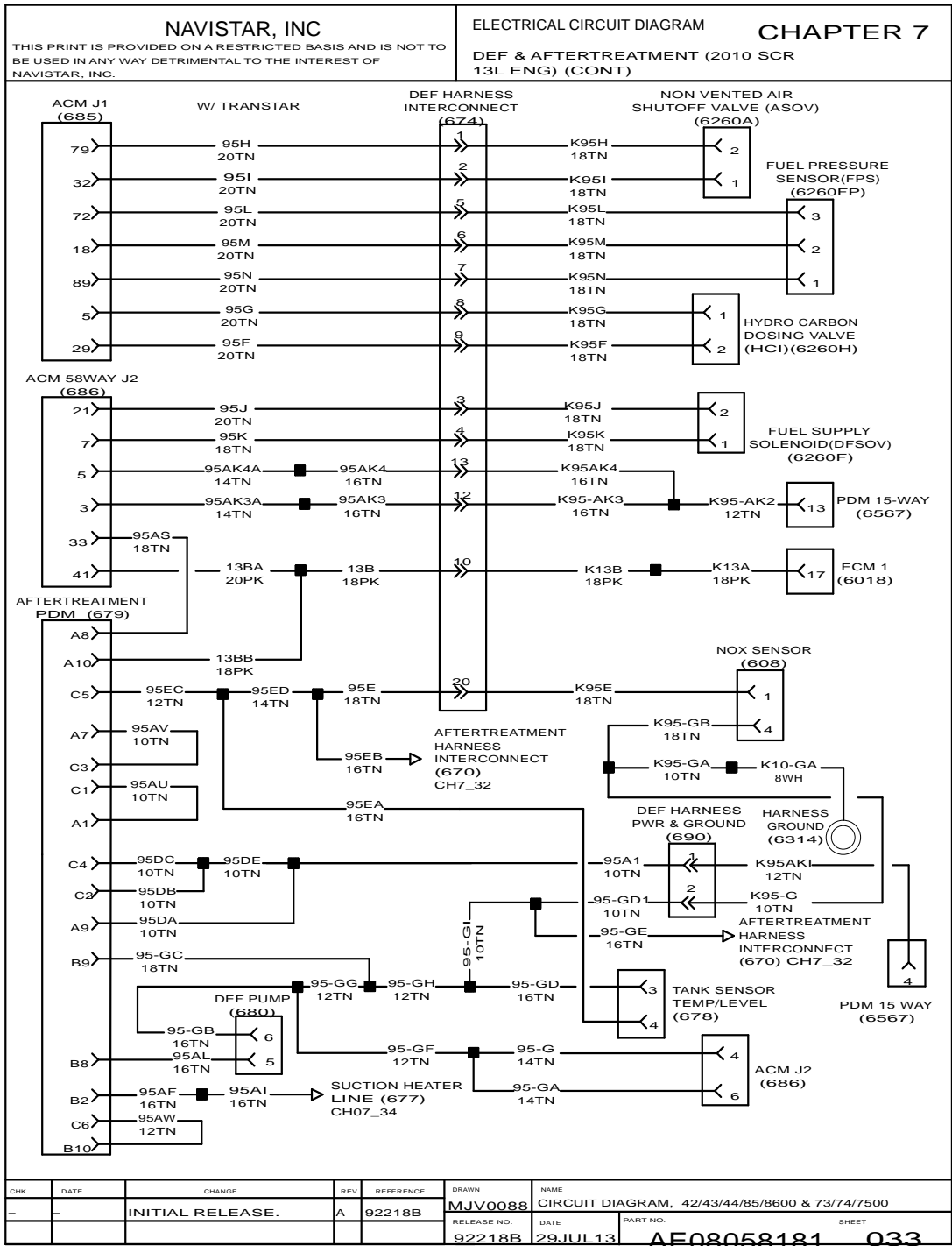


Figure 264 DEF & Aftertreatment (2010 SCR 13L Engine) (Cont.)

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

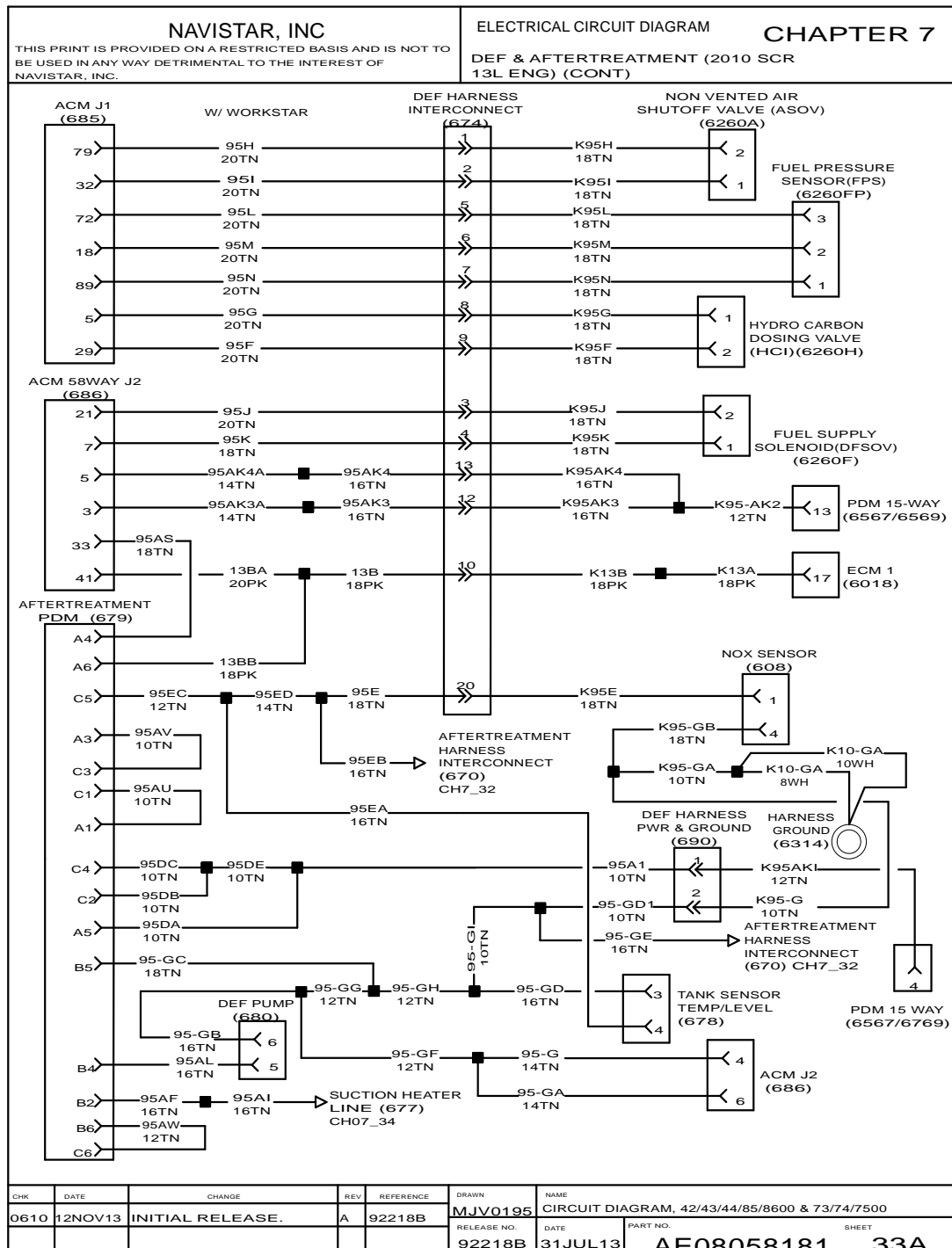


Figure 265 DEF & Aftertreatment (2010 SCR 13L Engine) (Cont.)

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

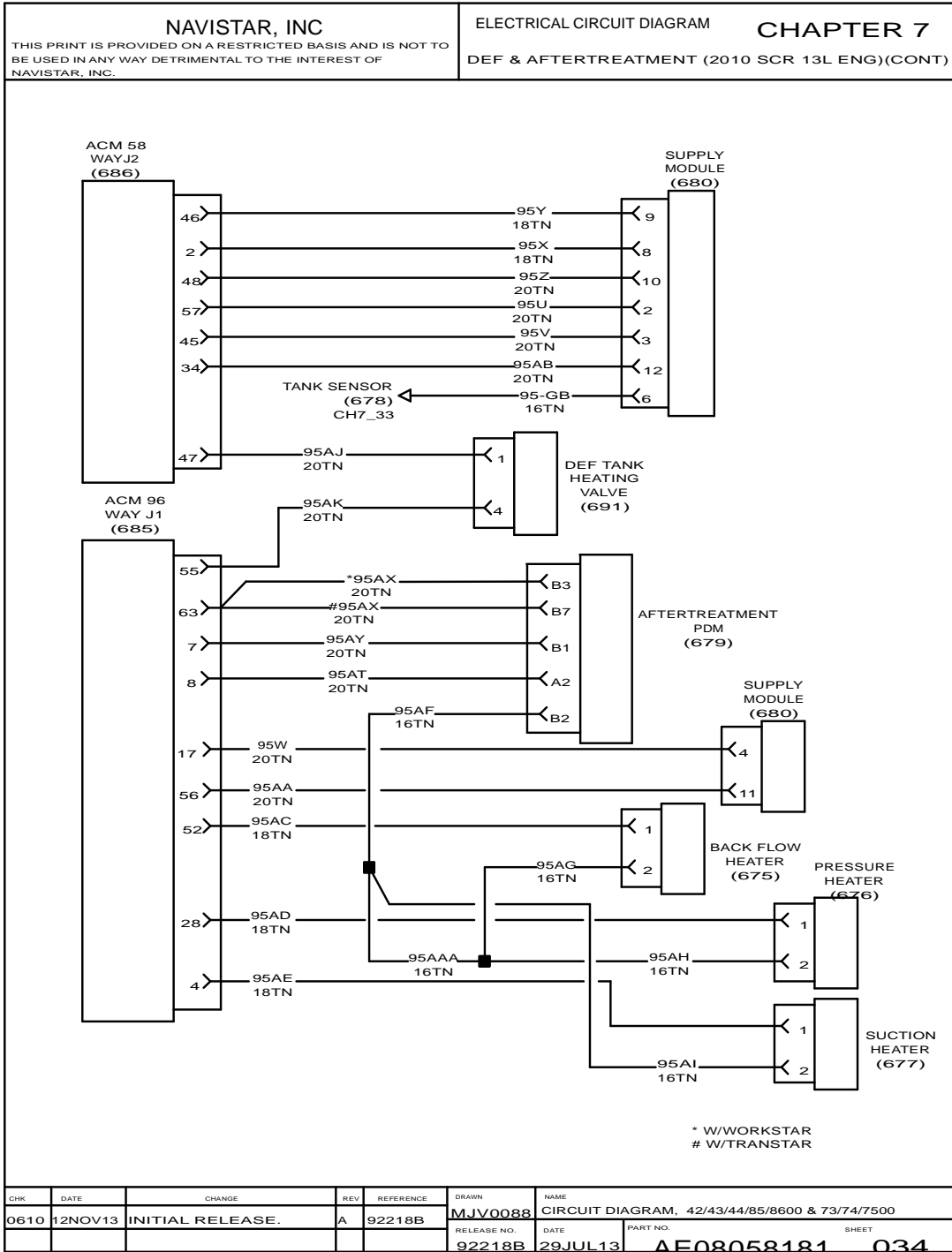


Figure 266 DEF & Aftertreatment (2010 SCR 13L Engine) (Cont.)

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

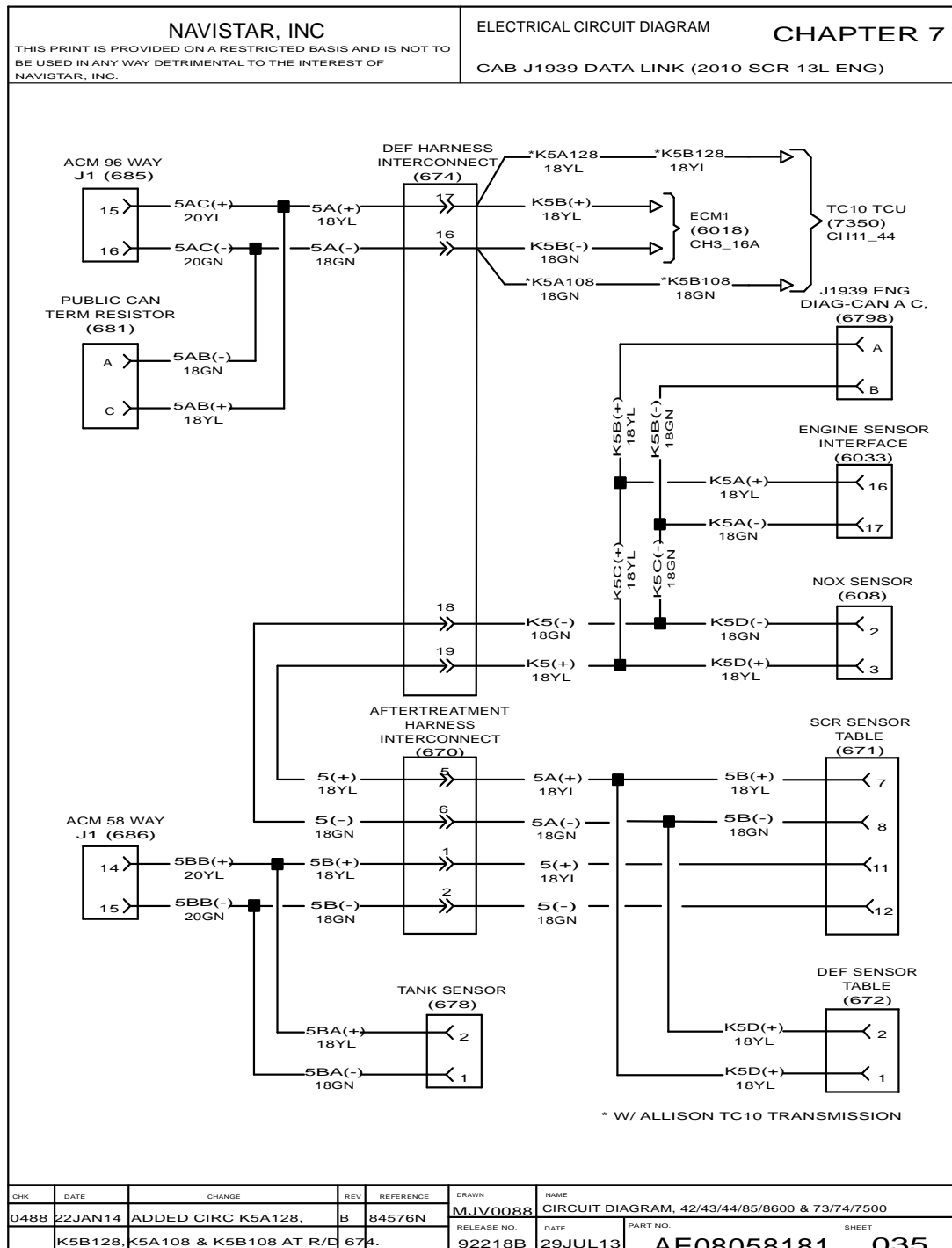


Figure 267 Cab J1939 Data Link (2010 SCR 13L Engine)

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

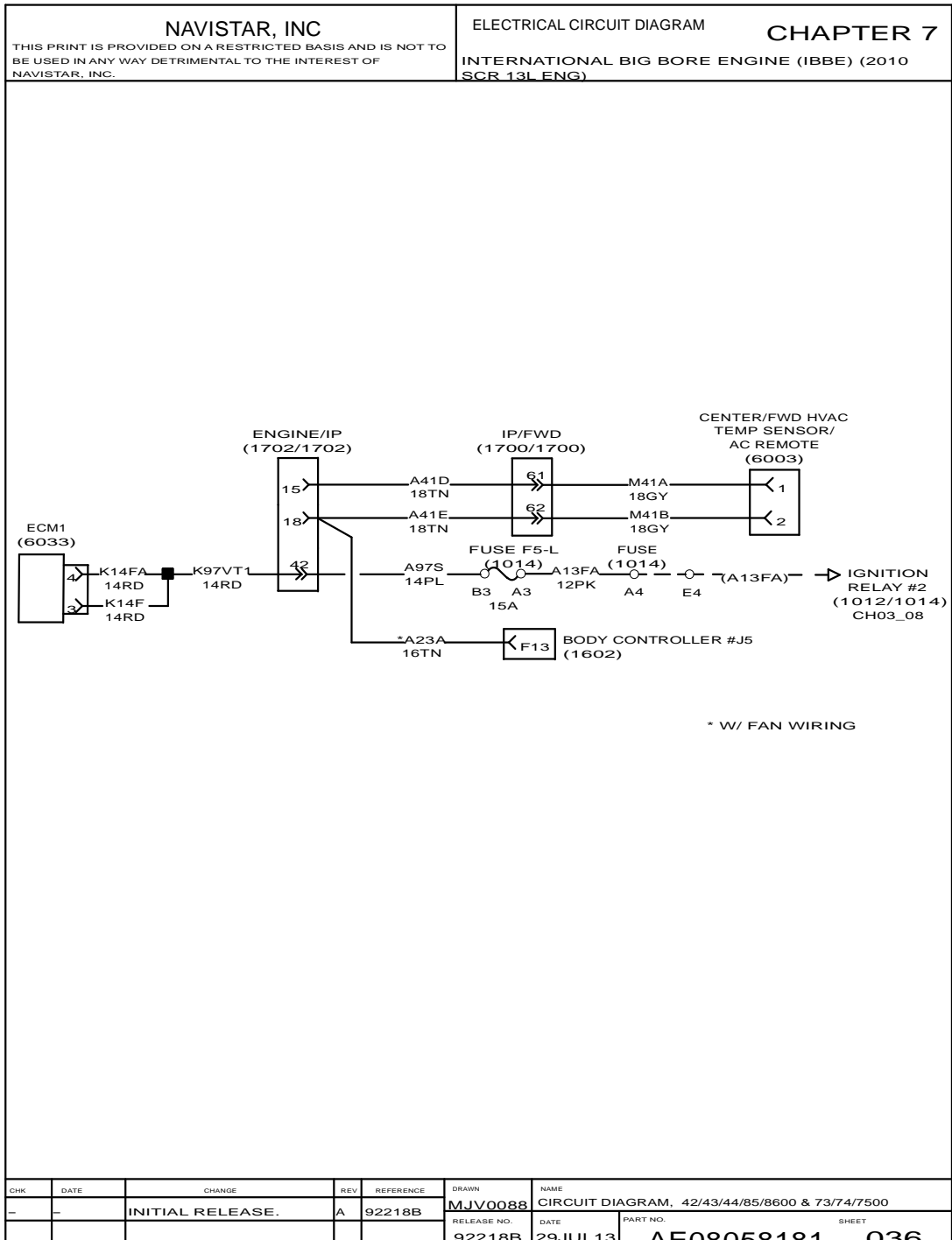


Figure 268 International Big Bore Engine (IBBE) (2010 SCR 13L Engine)

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

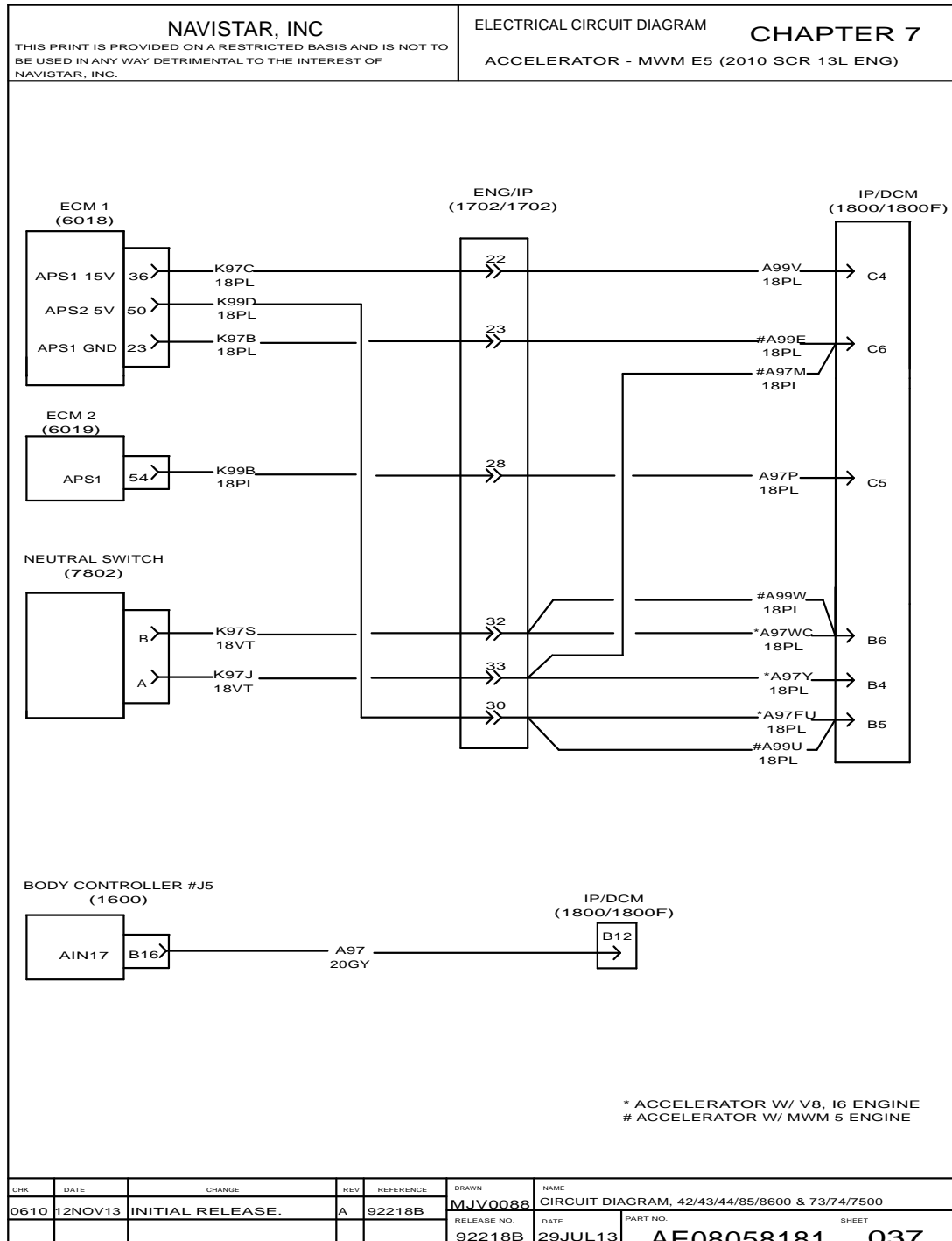


Figure 269 Accelerator – MWM E6 (2010 SCR 13L Engine)

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

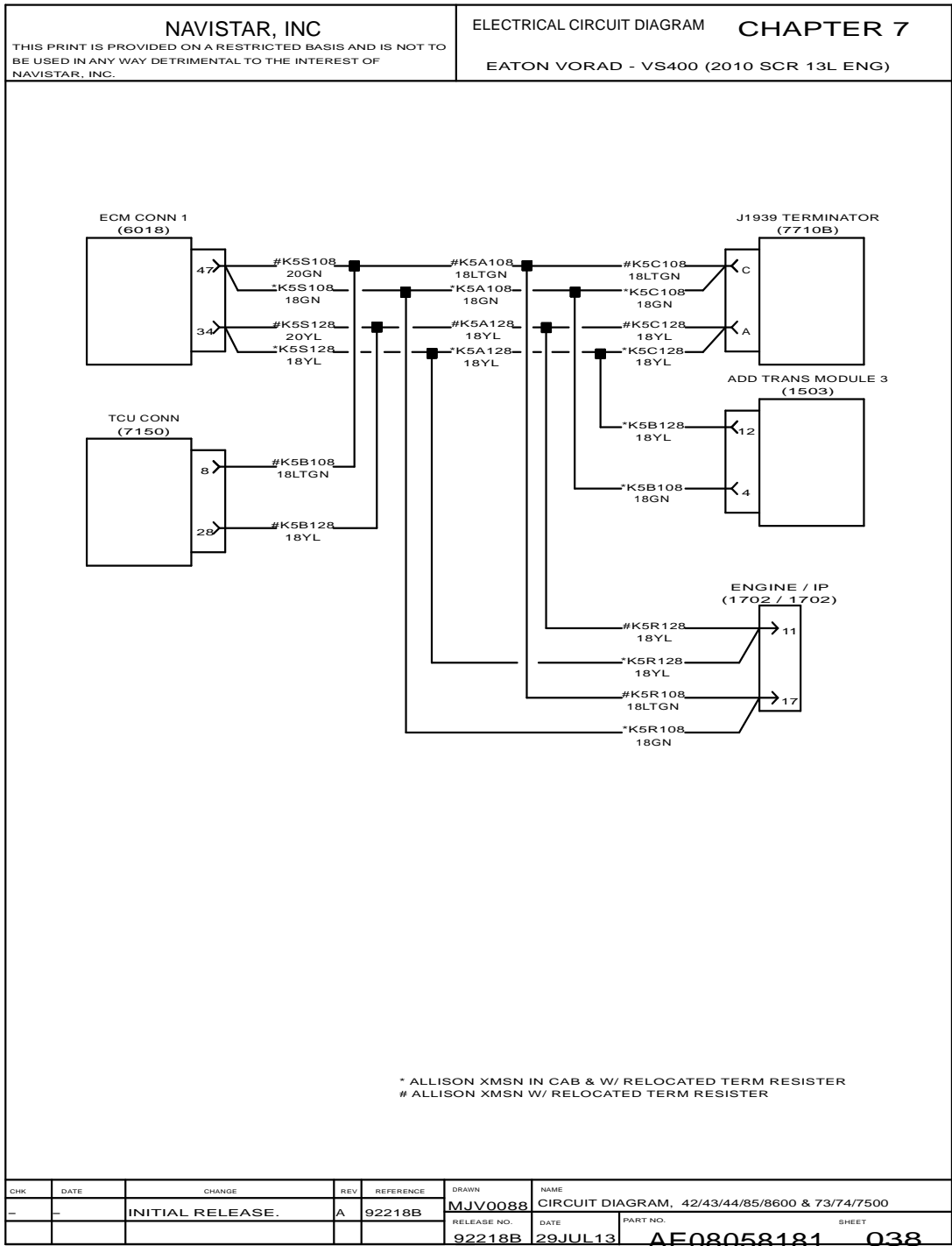


Figure 270 Eaton Vorad – VS400 (2010 SCR 13L Engine)





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

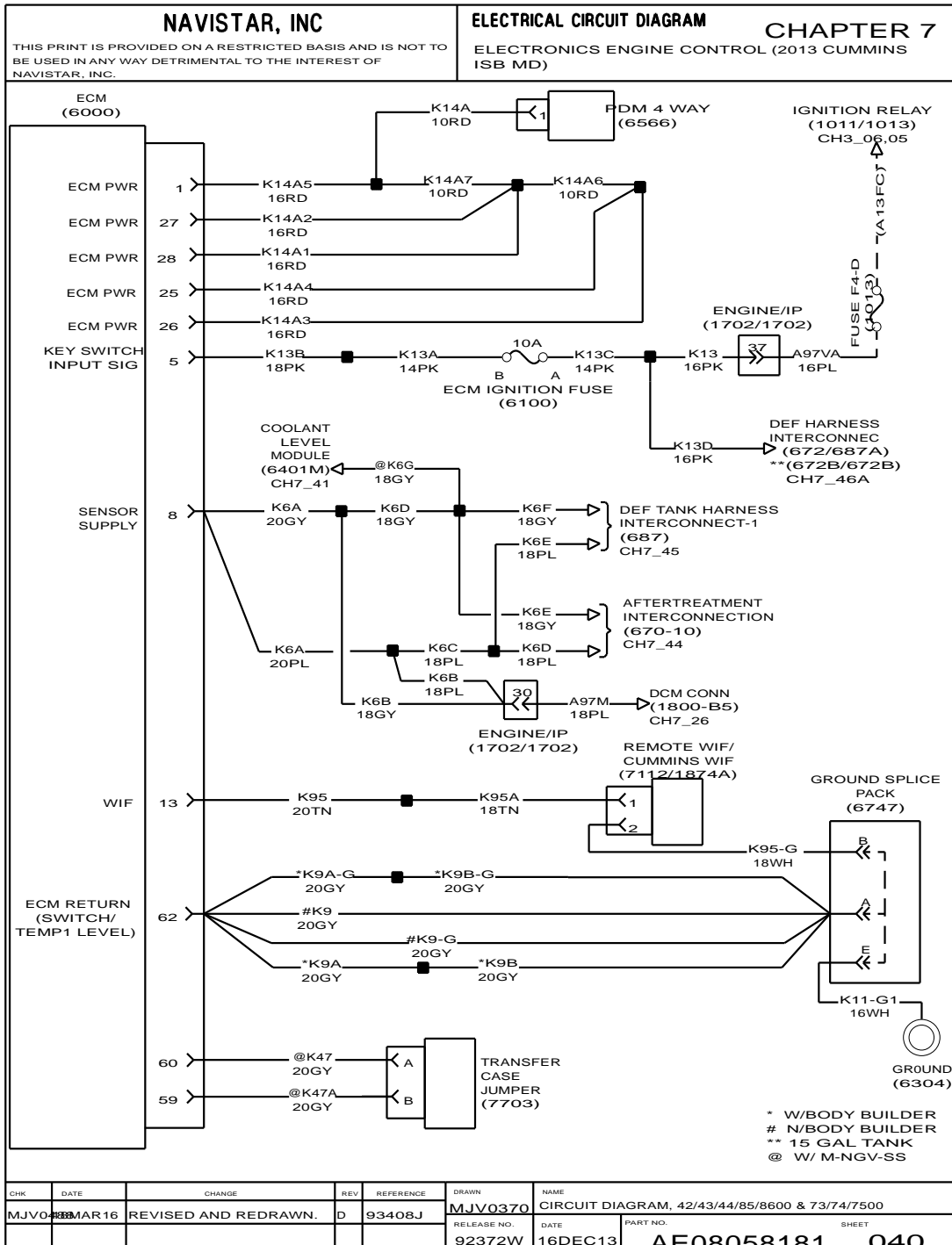


Figure 272 Electronics Engine Control (2013 Cummins ISB MD)



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

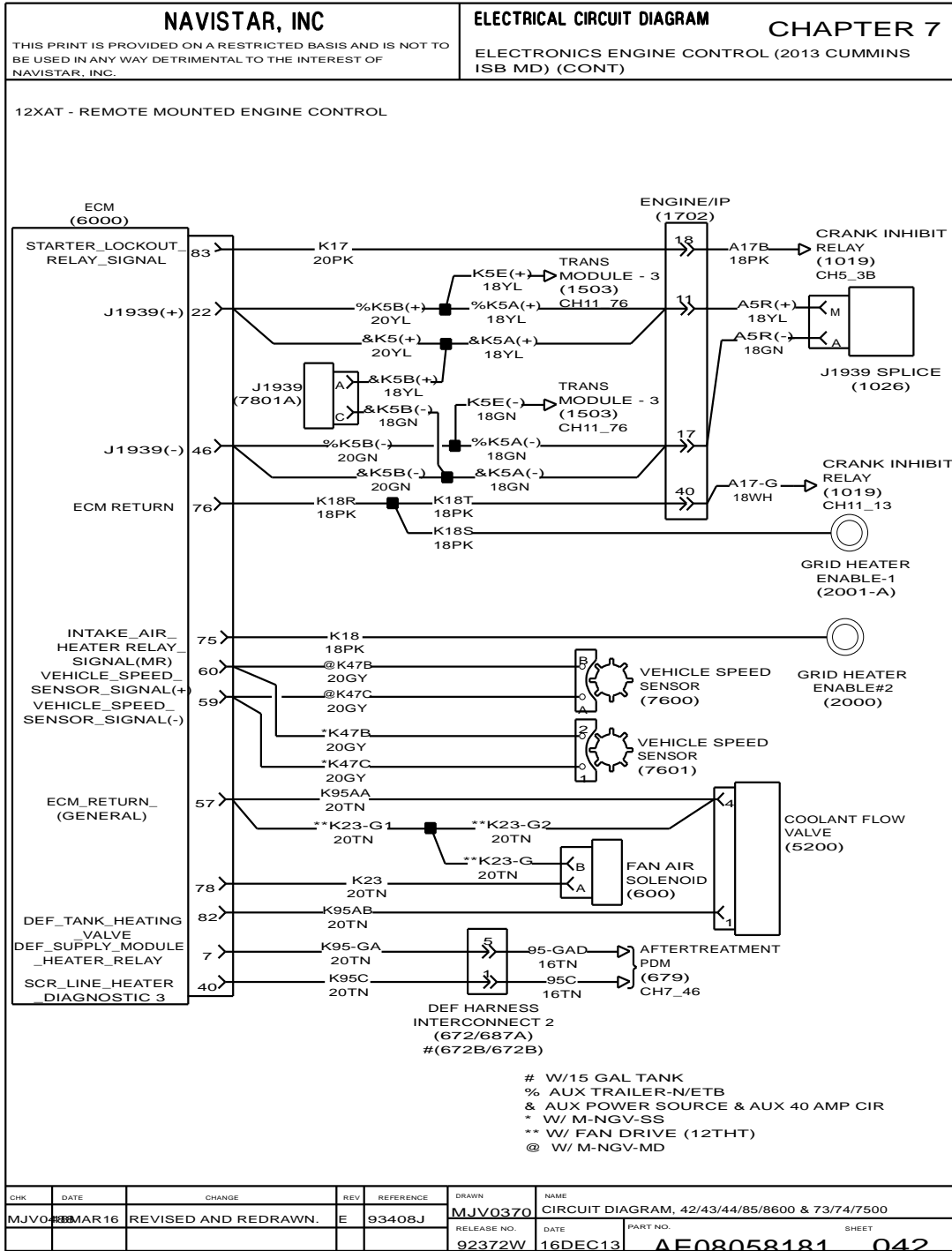


Figure 274 Electronics Engine Control (2013 Cummins ISB MD) (Cont.)

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

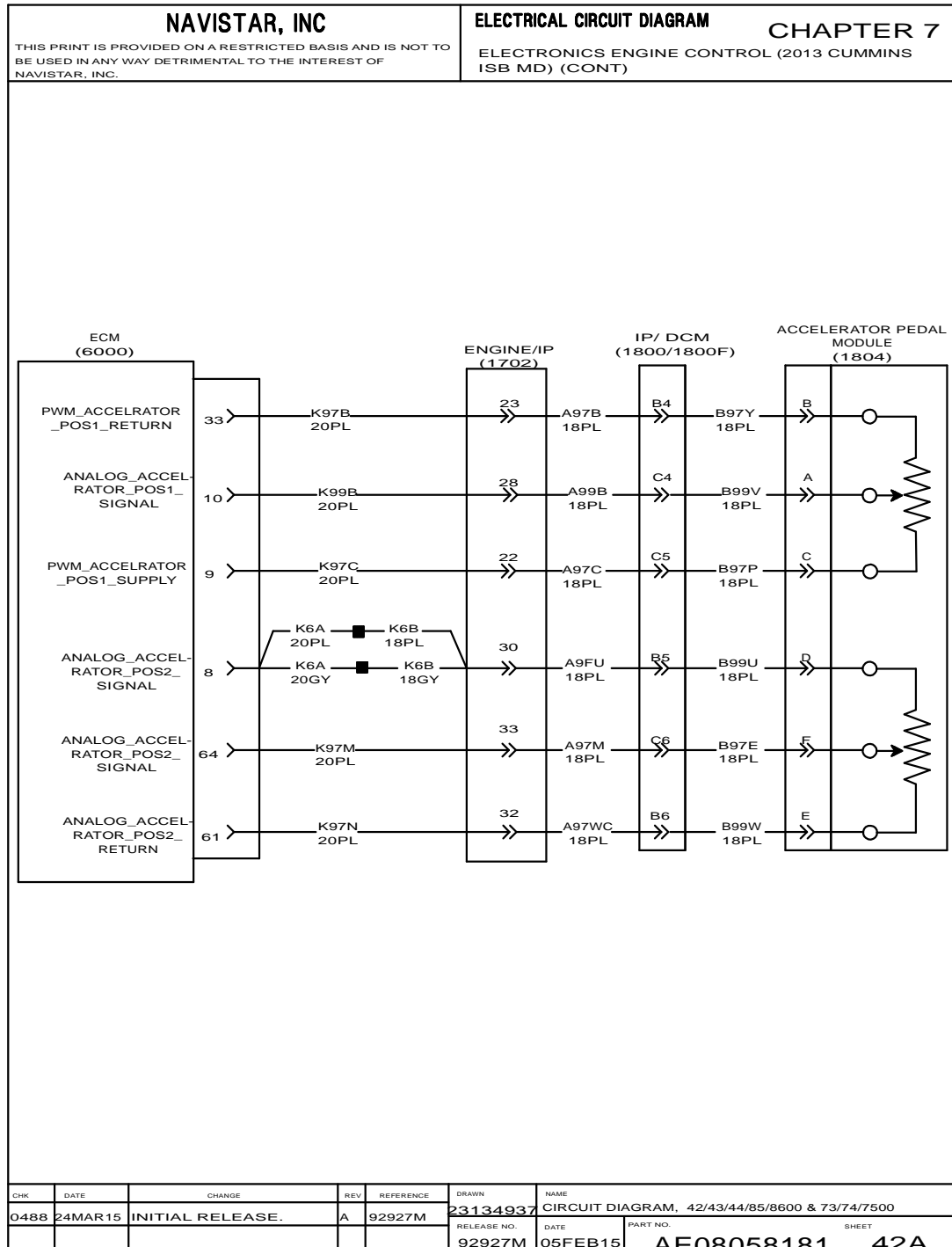


Figure 275 Electronics Engine Control (2013 Cummins ISB MD) (Cont.)

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

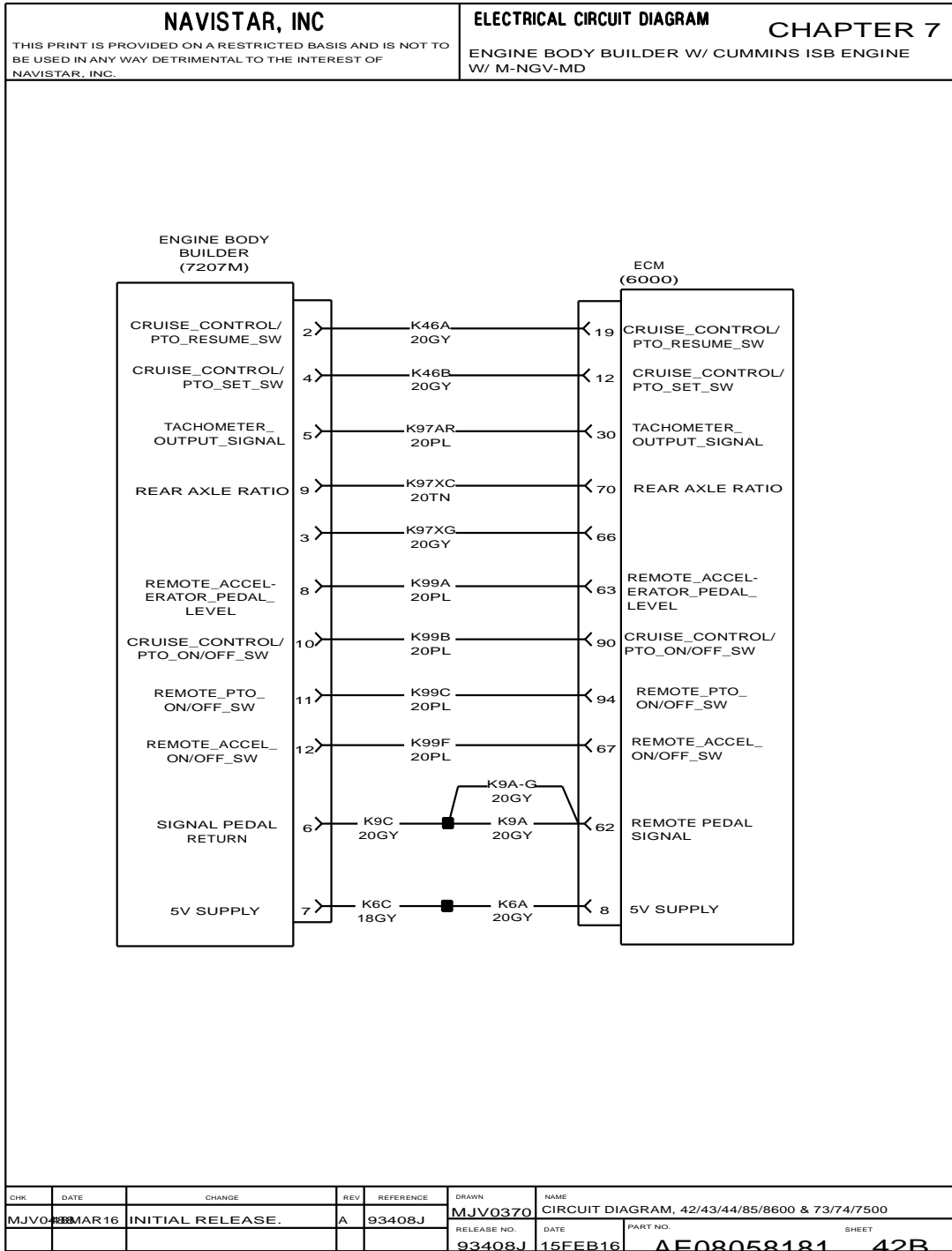


Figure 276 Engine Body Builder with Cummins ISB Engine with M-NGV-MD

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

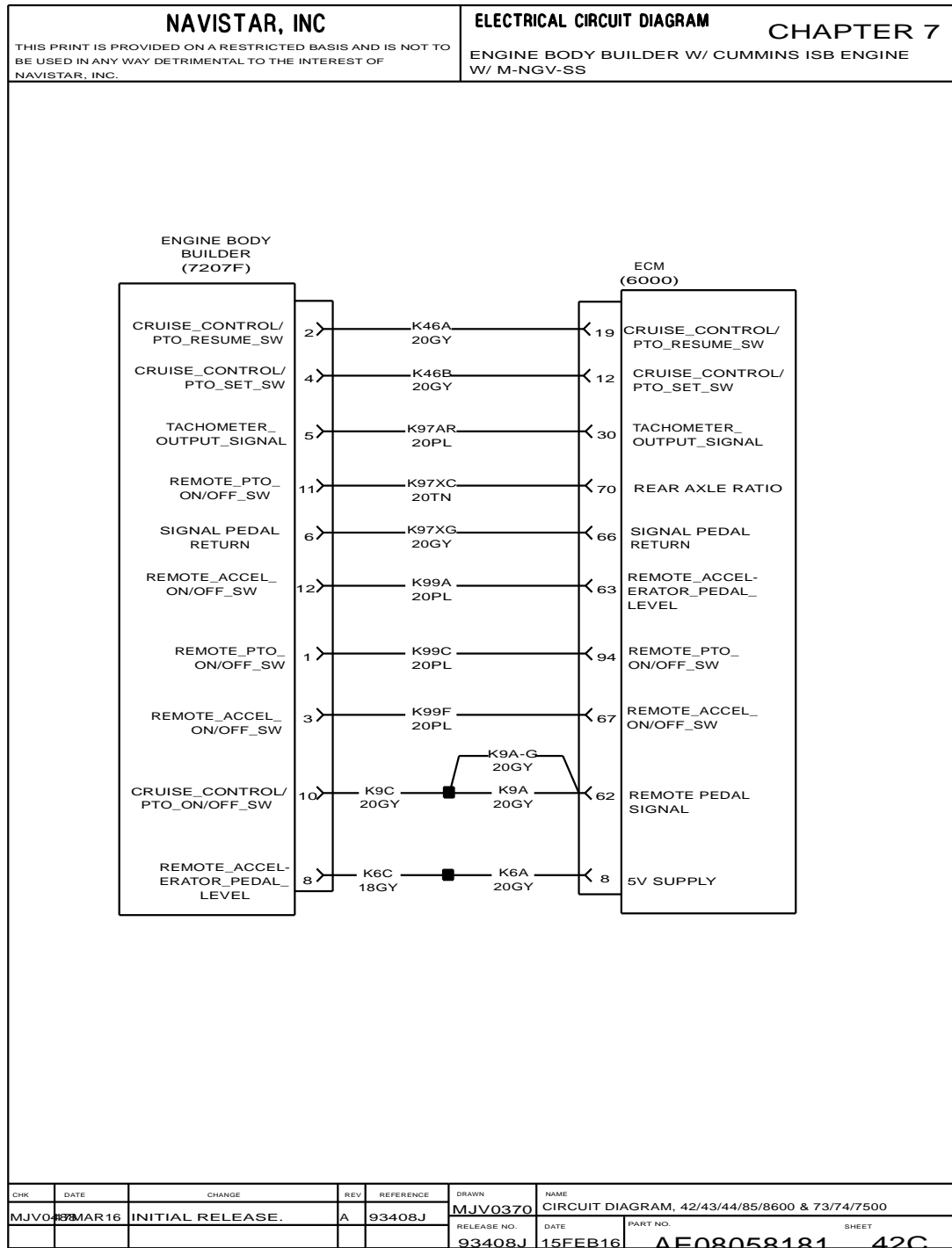


Figure 277 Engine Body Builder with Cummins ISB Engine with M-NGV-SS

7.48. AMMETER CONNECTIONS, P. 43

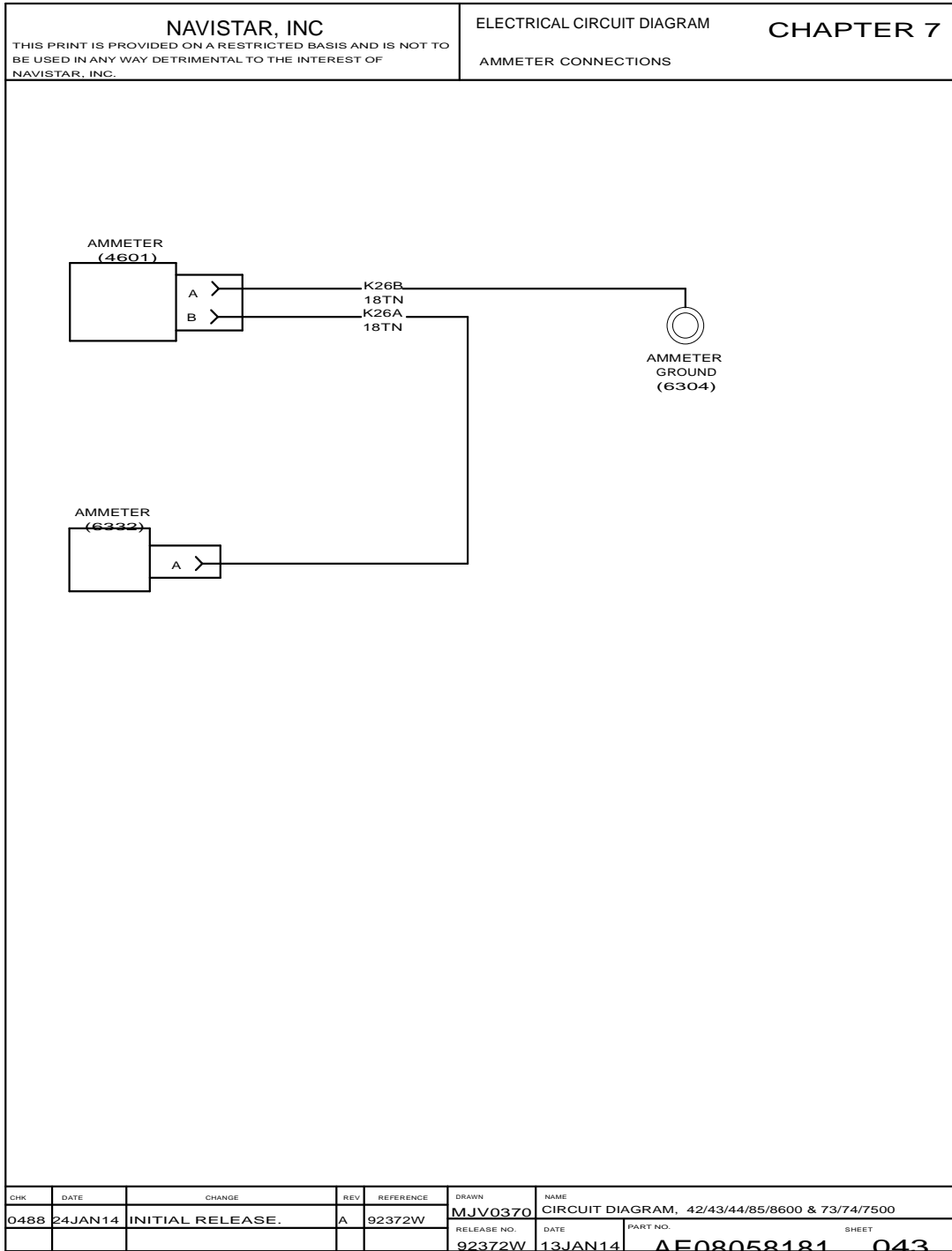


Figure 278 Ammeter Connections



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

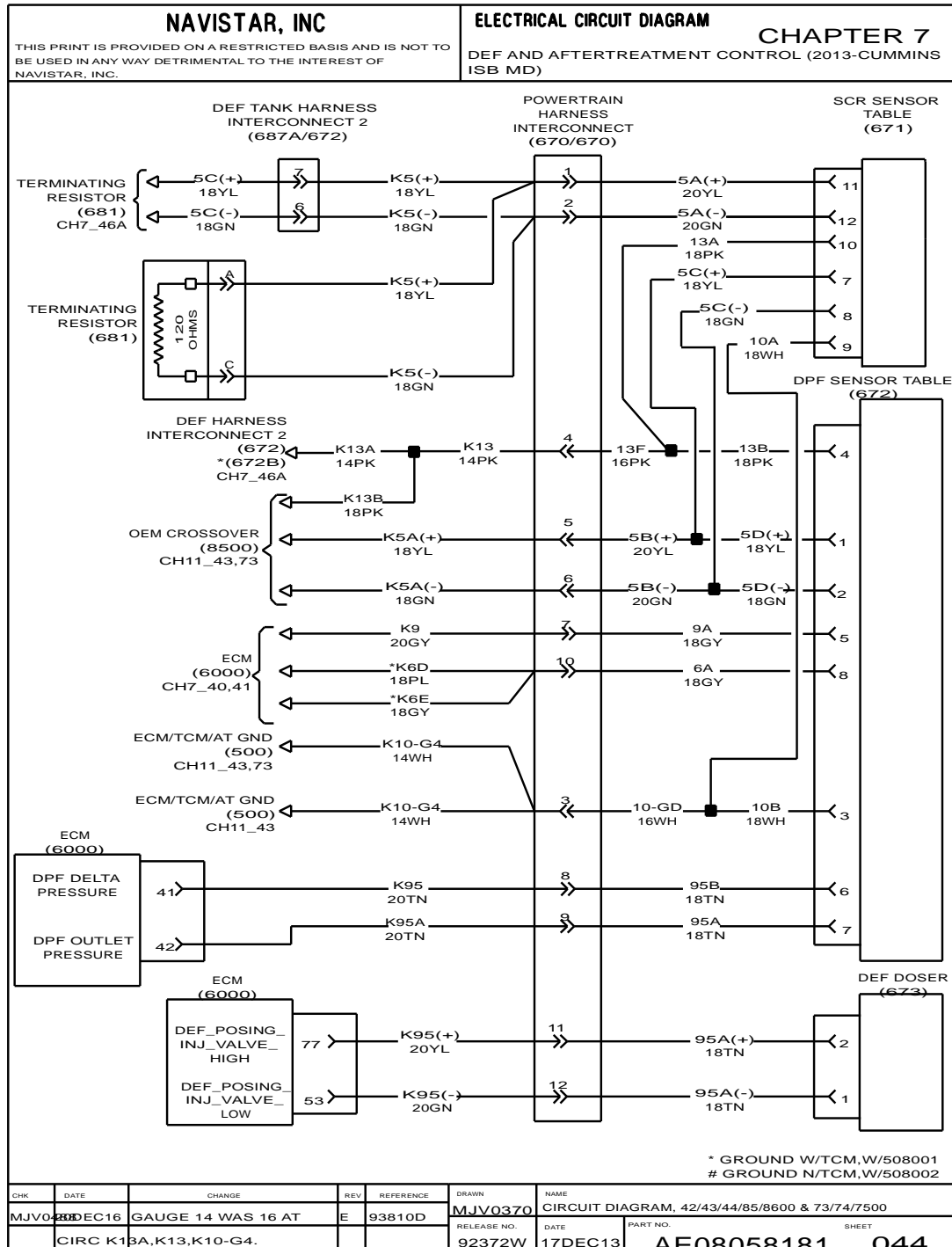


Figure 279 DEF and Aftertreatment Control (2013 - Cummins ISB MD)

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

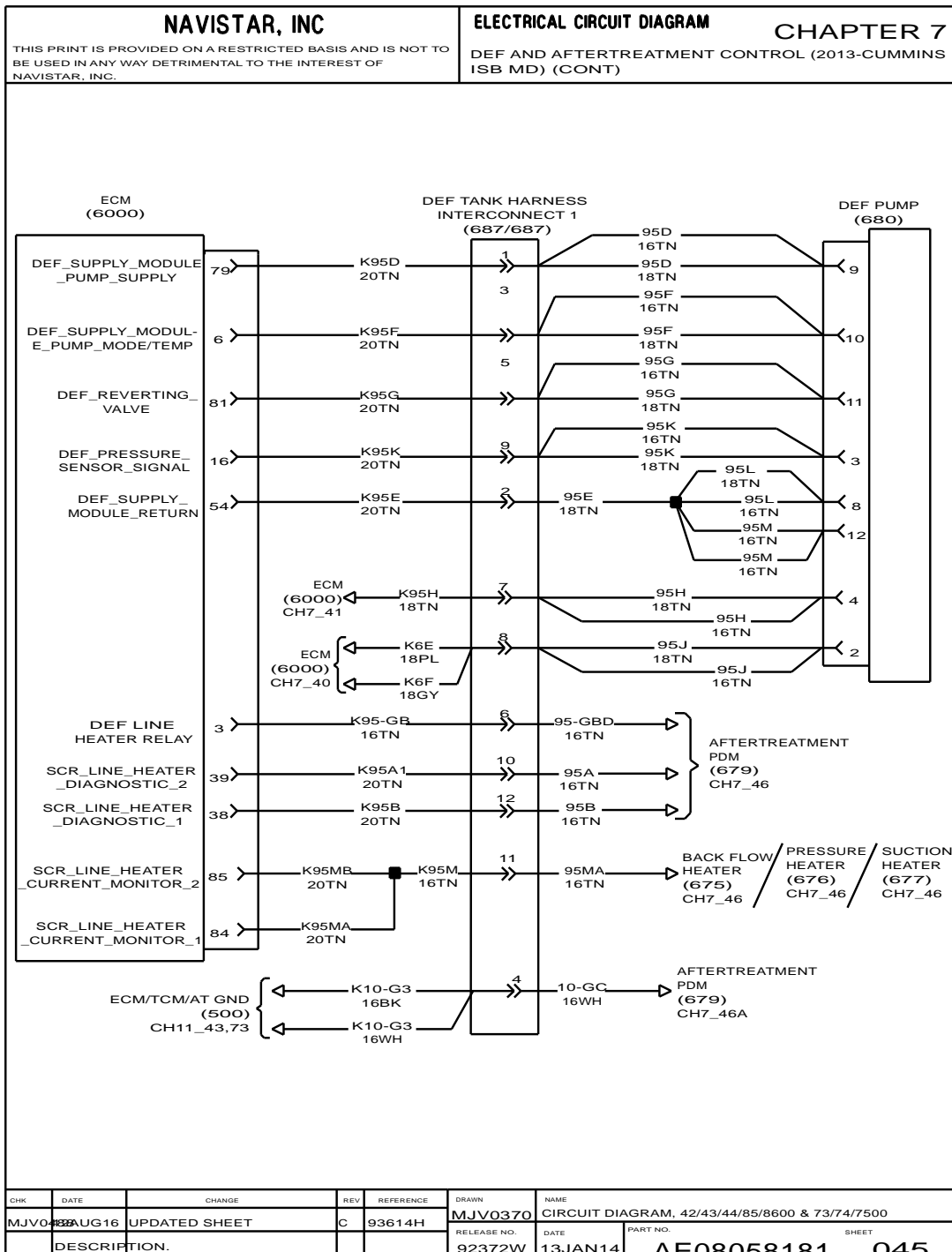


Figure 280 DEF and Aftertreatment Control (2013 - Cummins ISB MD) (Cont.)

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

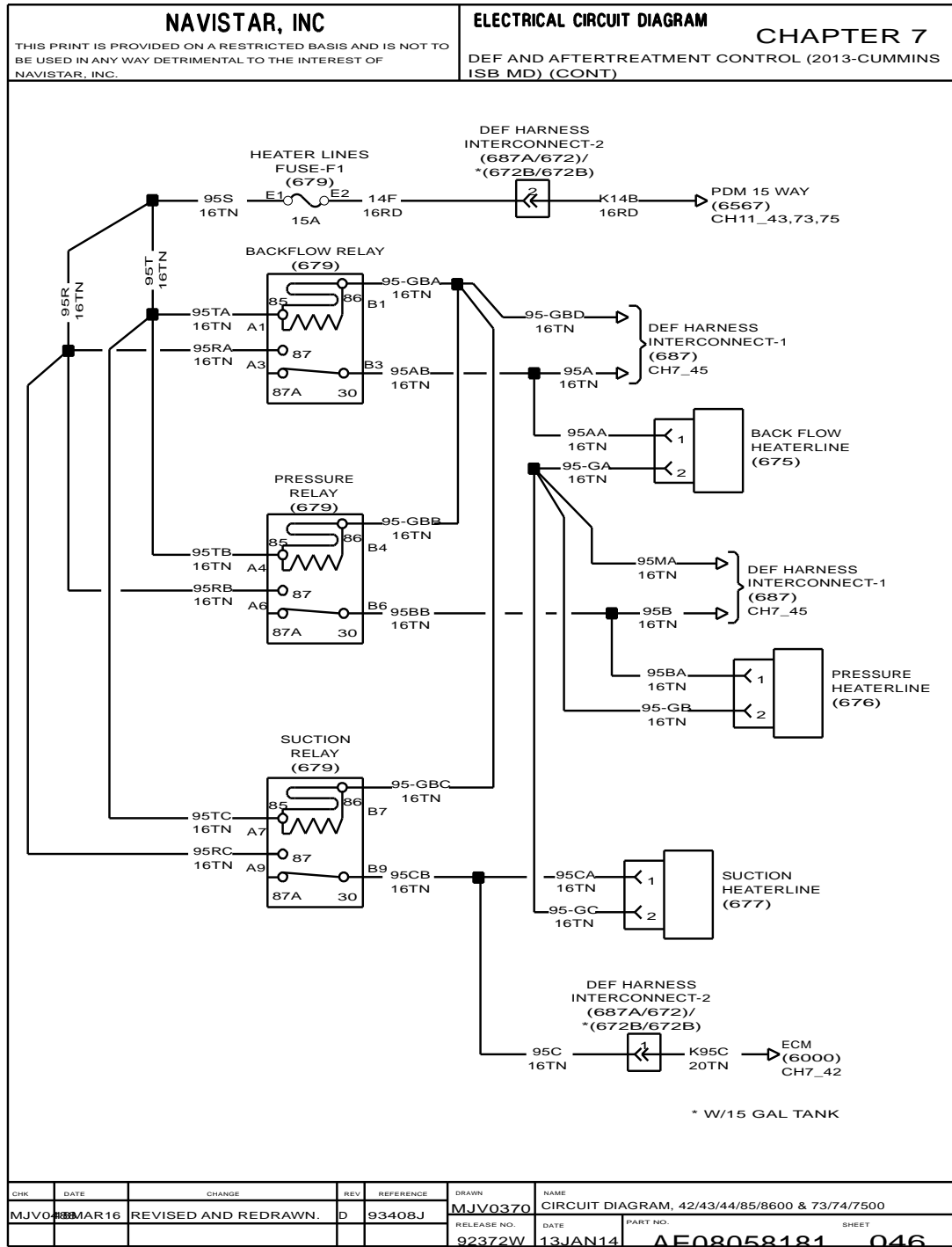


Figure 281 DEF and Aftertreatment Control (2013 - Cummins ISB MD) (Cont.)

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

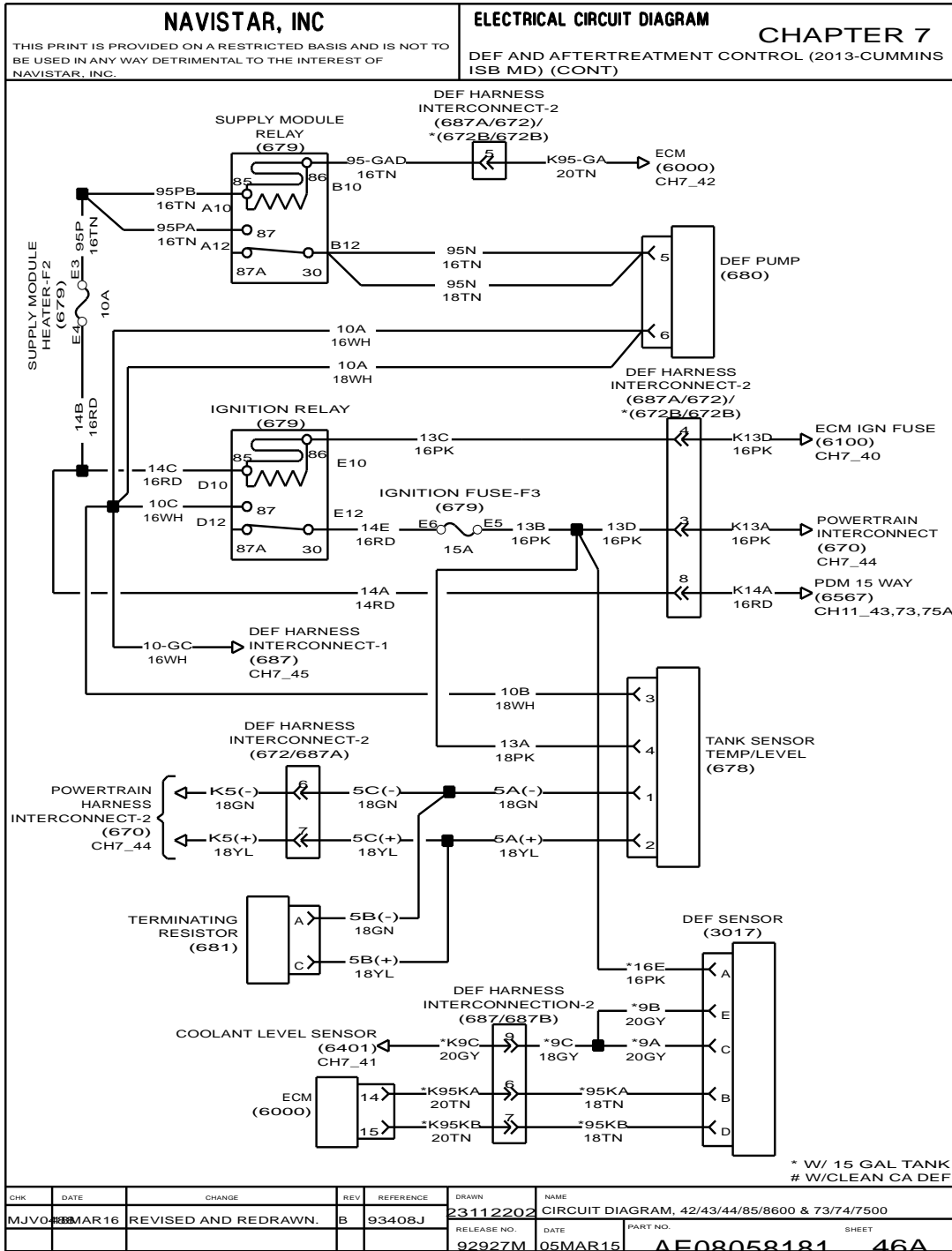


Figure 282 DEF and Aftertreatment Control (2013 - Cummins ISB MD) (Cont.)

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

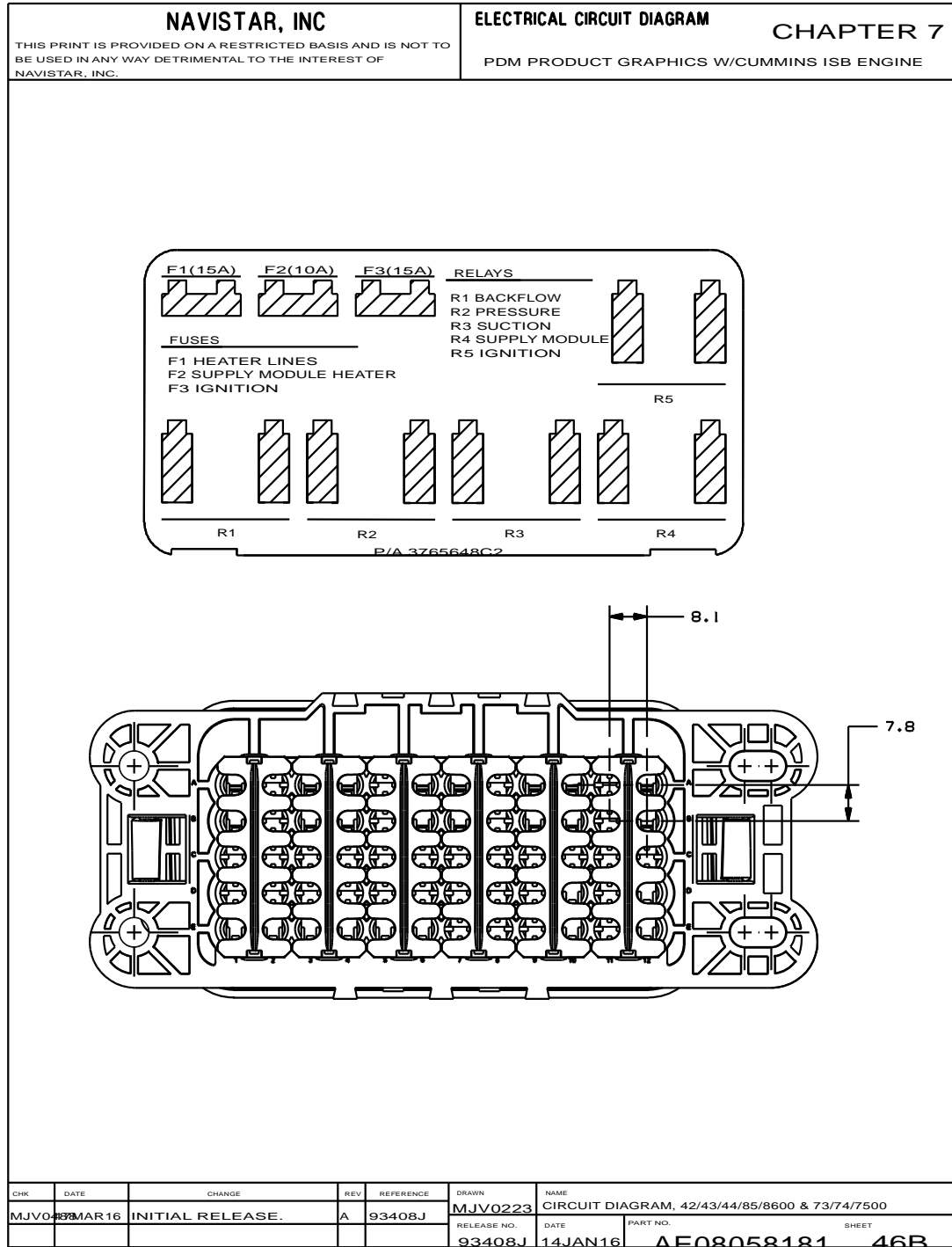


Figure 283 PDM Product Graphics with Cummins ISB Engine

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

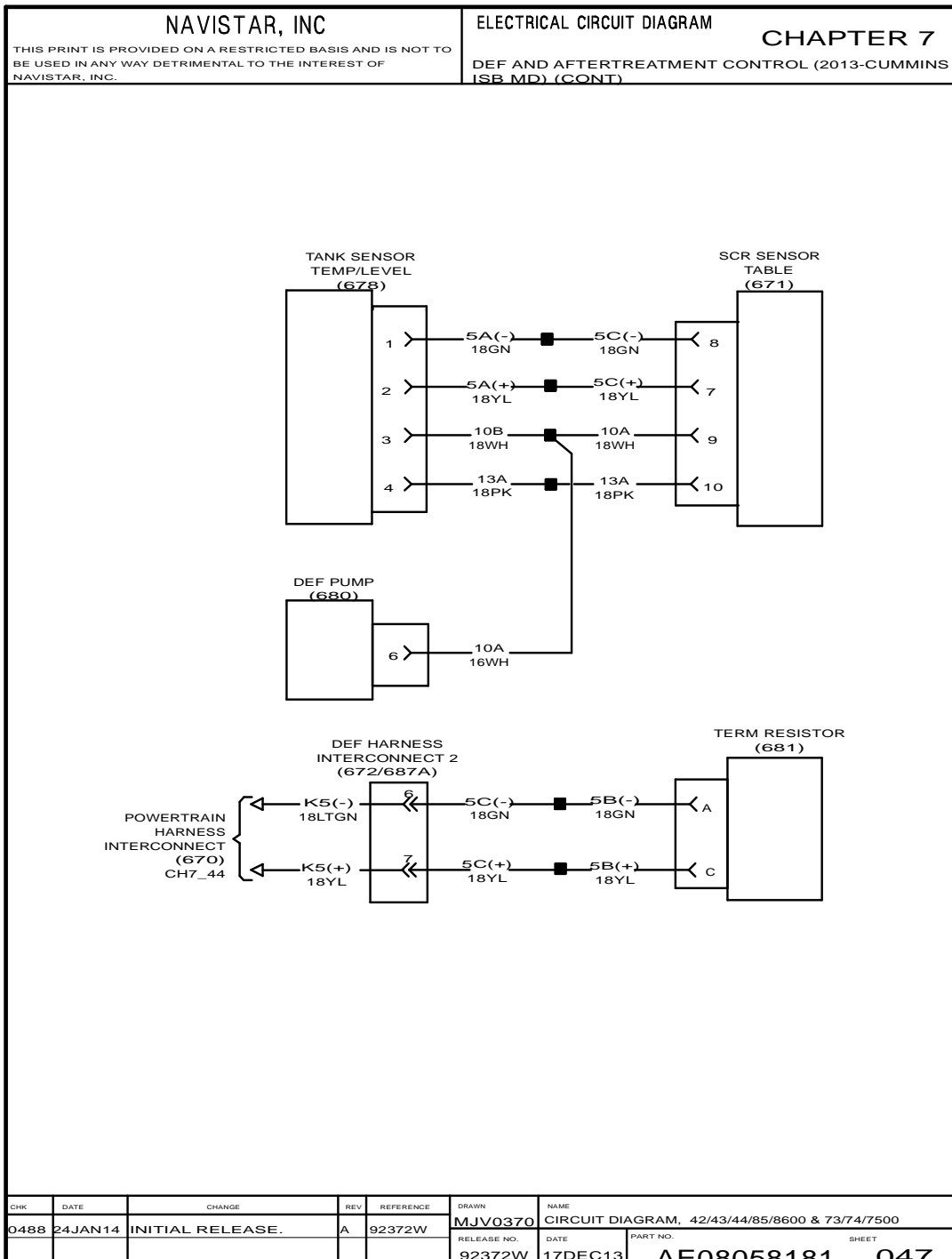


Figure 284 DEF and Aftertreatment Control (2013 – Cummins ISB MD) (Cont.)

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

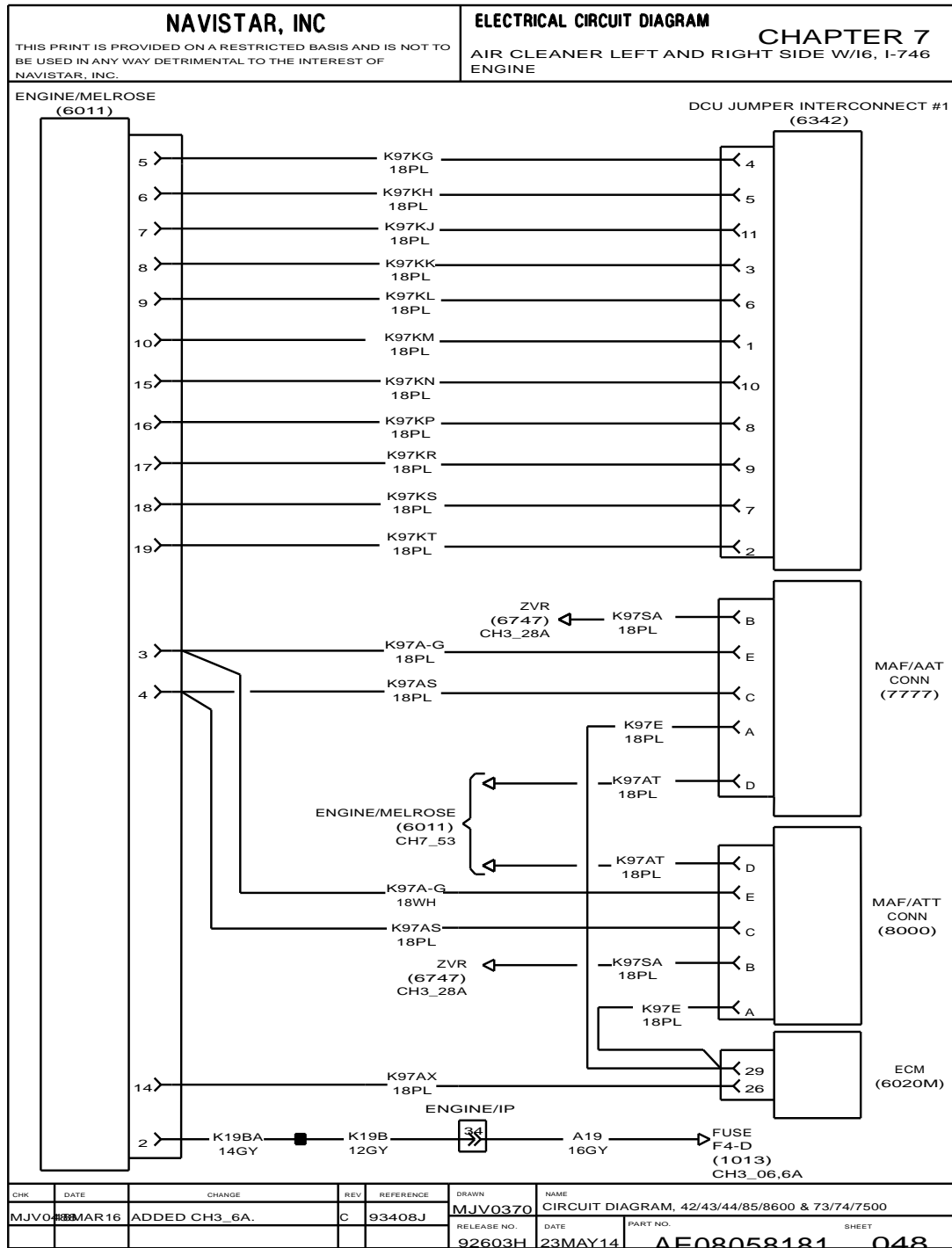


Figure 285 Air Cleaner Left and Right Side with I6, I-746 Engine

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

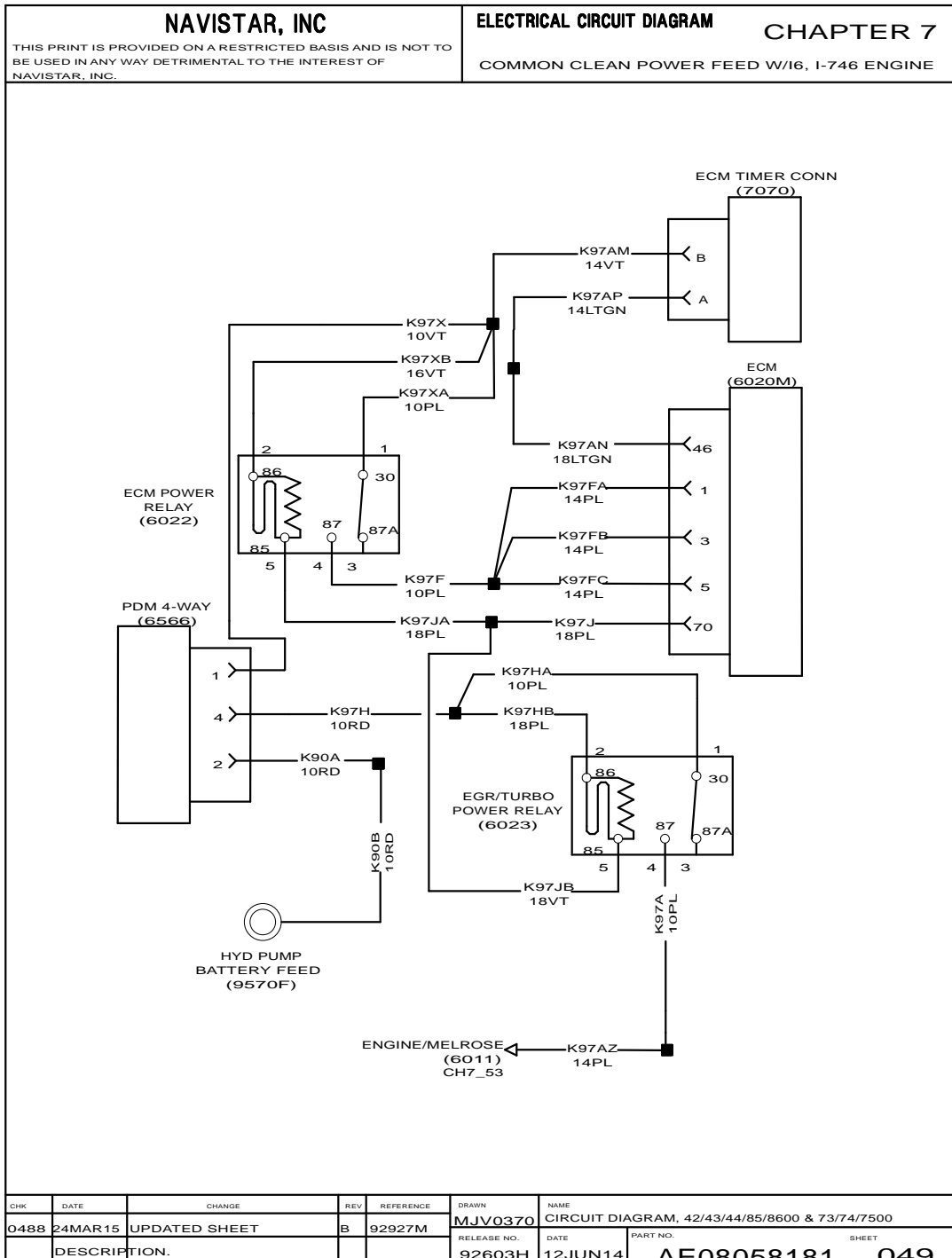


Figure 286 Common Clean Power Feed with I6, I-746 Engine



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

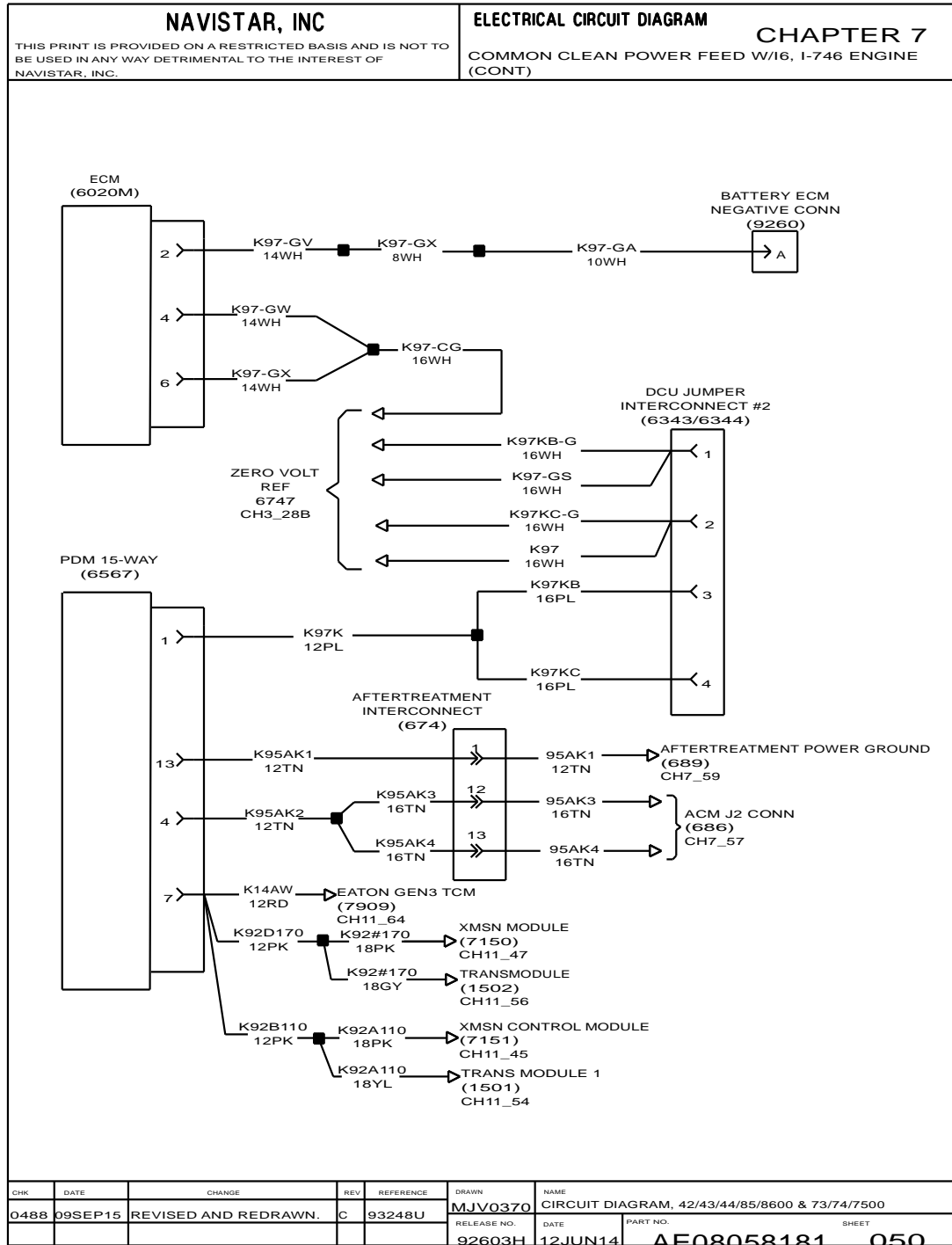


Figure 287 Common Clean Power Feed with I6, I-746 Engine (Cont.)

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

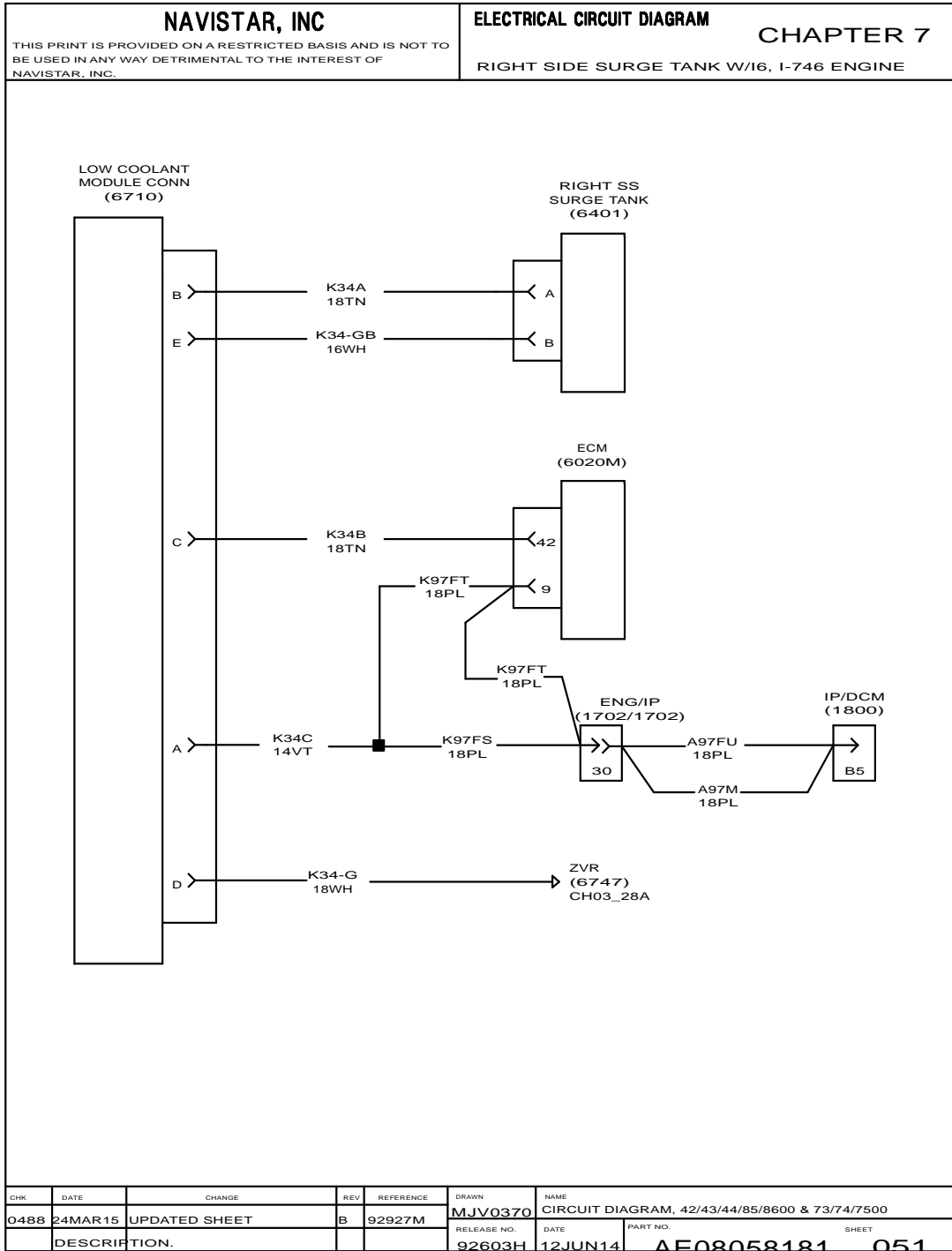


Figure 288 Right Side Surge Tank with I6, I-746 Engine

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

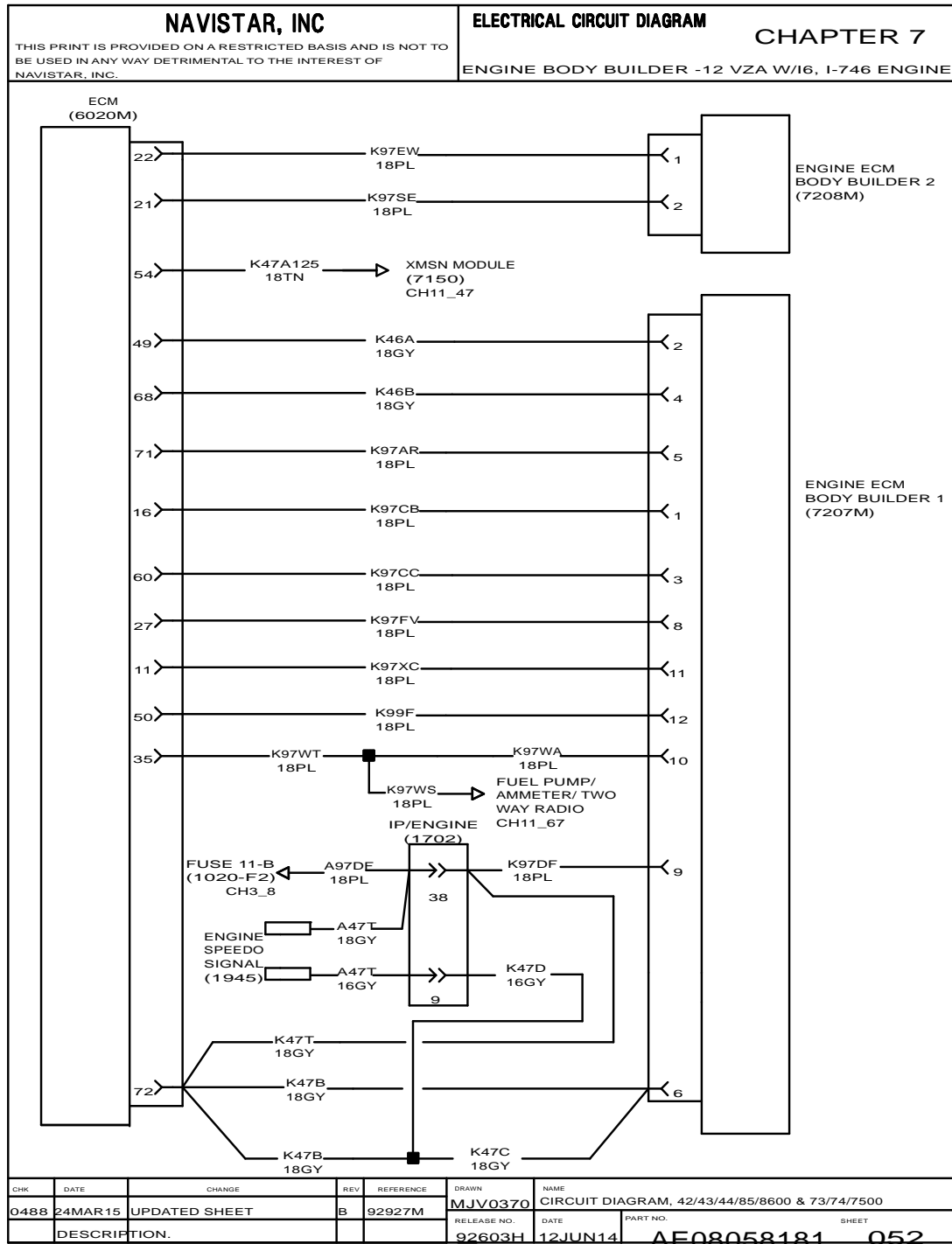


Figure 289 Engine Body Builder – 12 VZA with I6, I-746 Engine

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

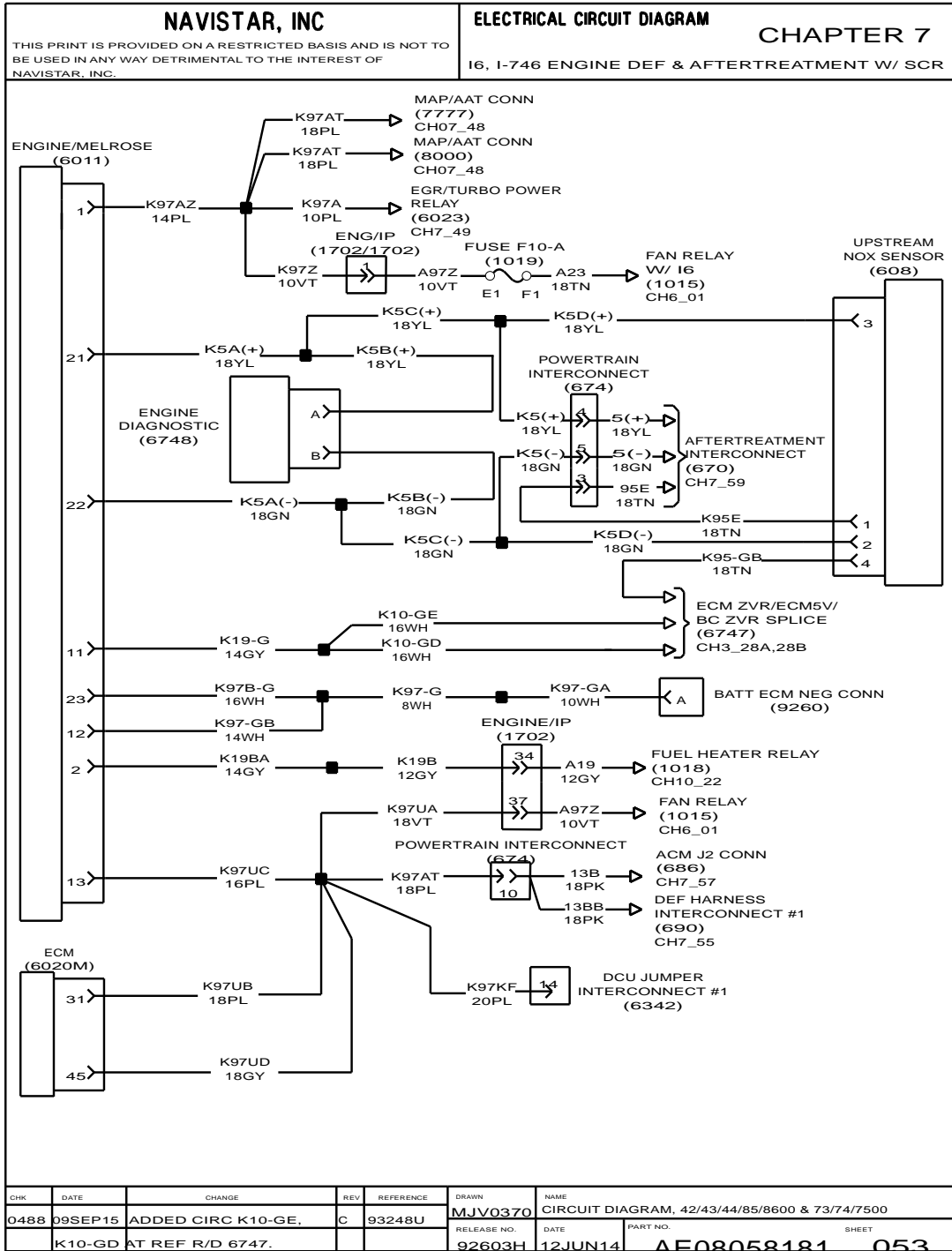


Figure 290 I6, I-746 Engine DEF and Aftertreatment with SCR

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

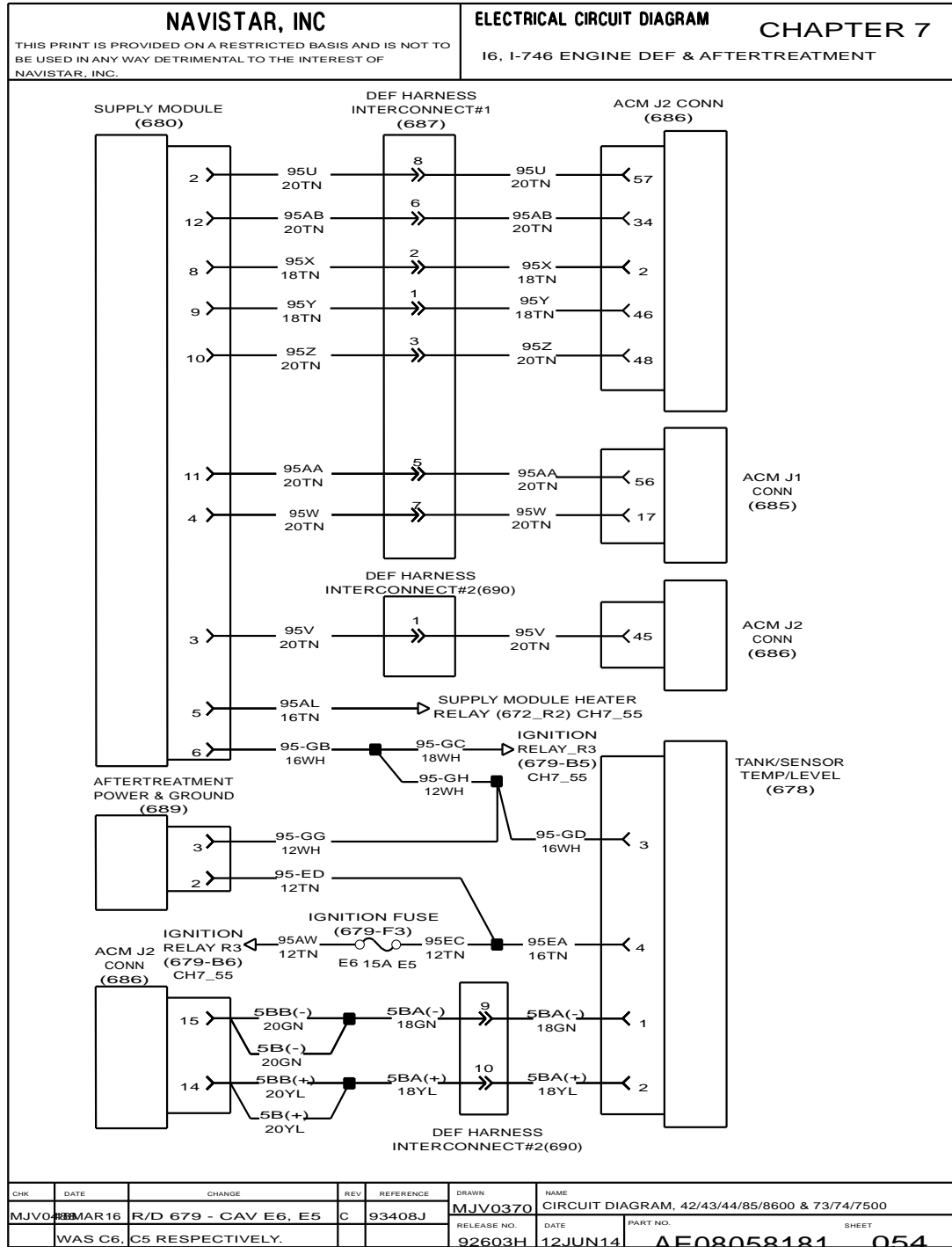


Figure 291 I6, I-746 Engine DEF and Aftertreatment

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

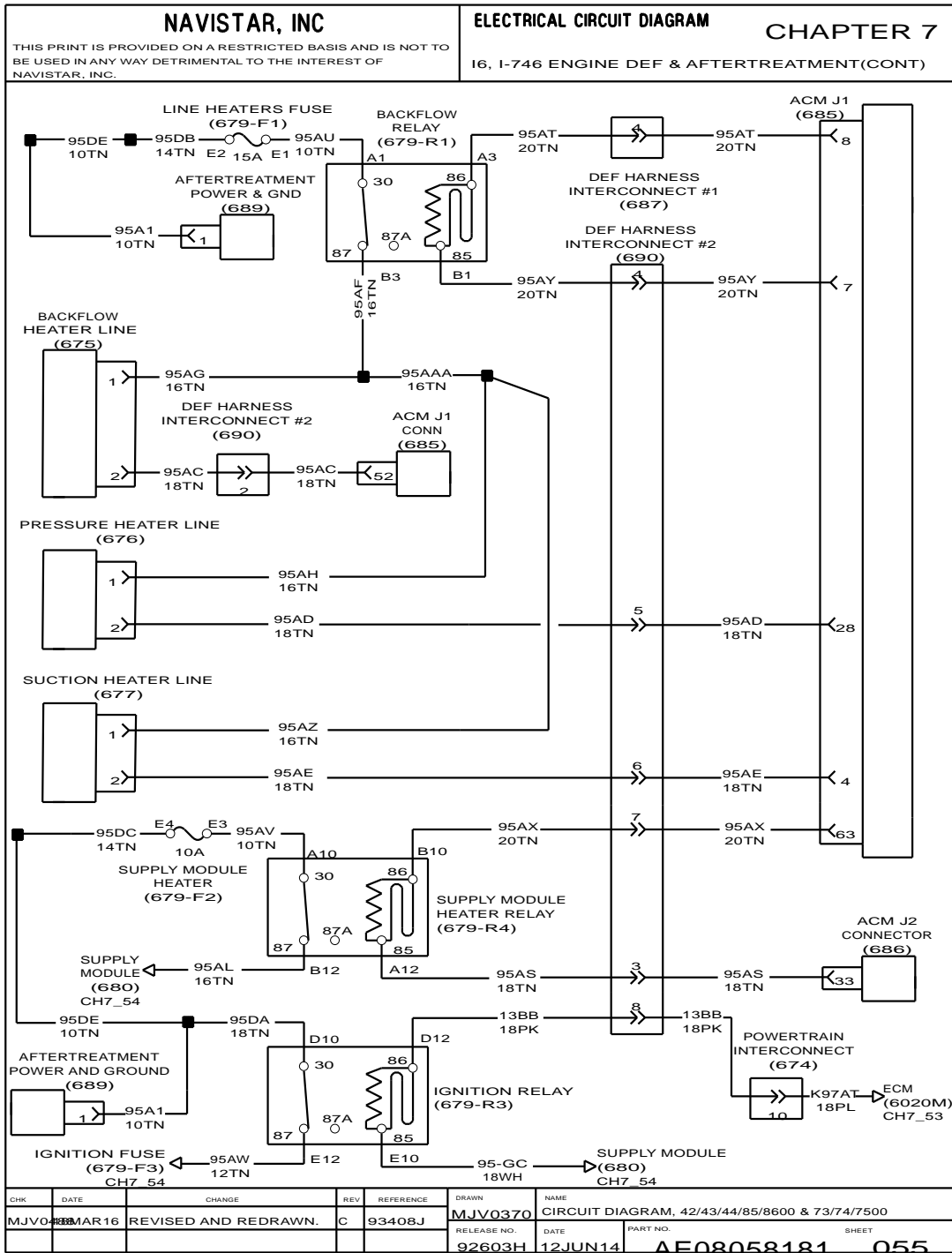


Figure 292 I6, I-746 Engine DEF and Aftertreatment (Cont.)

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

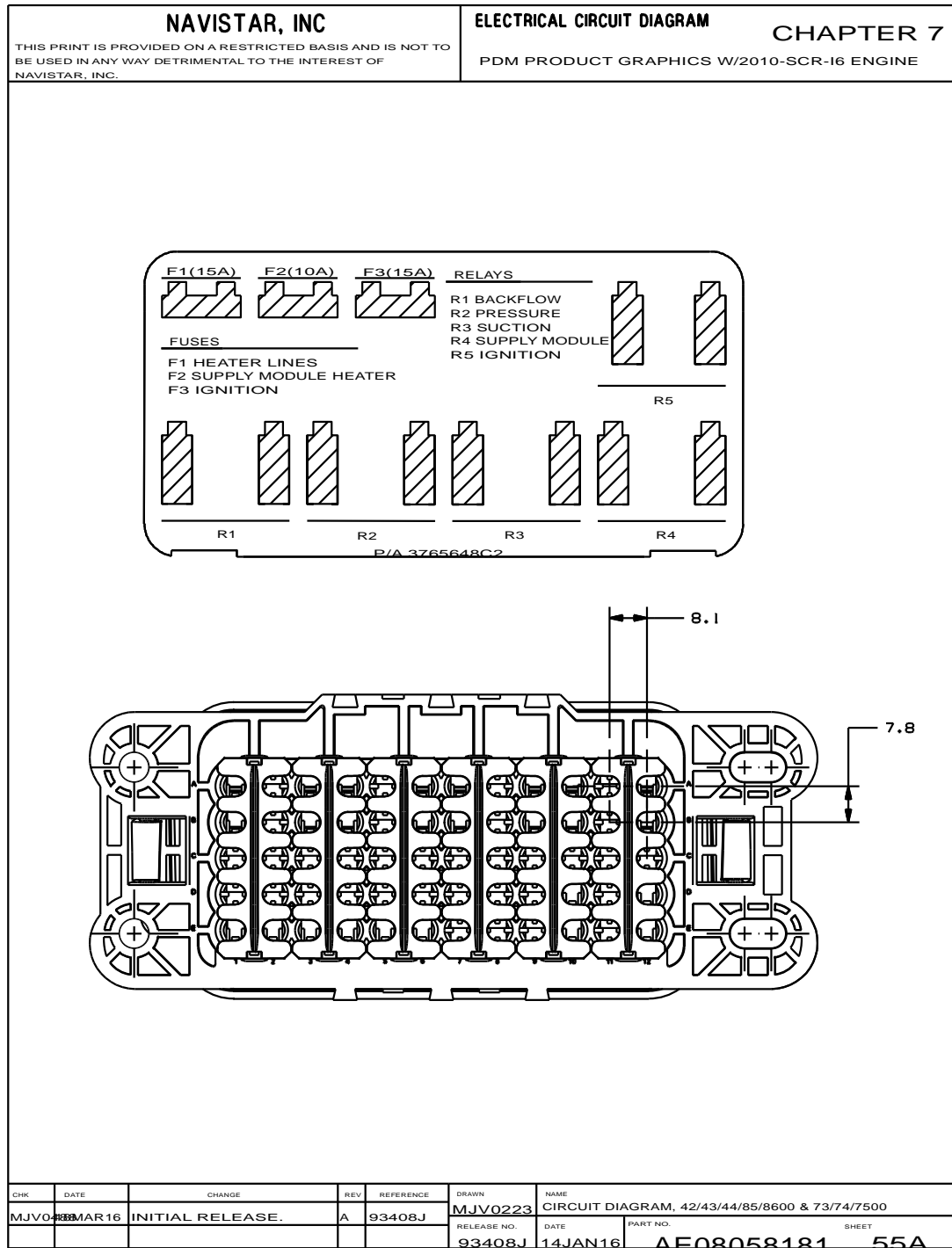


Figure 293 PDM Product Graphics with 2010 SCR I6 Engine

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

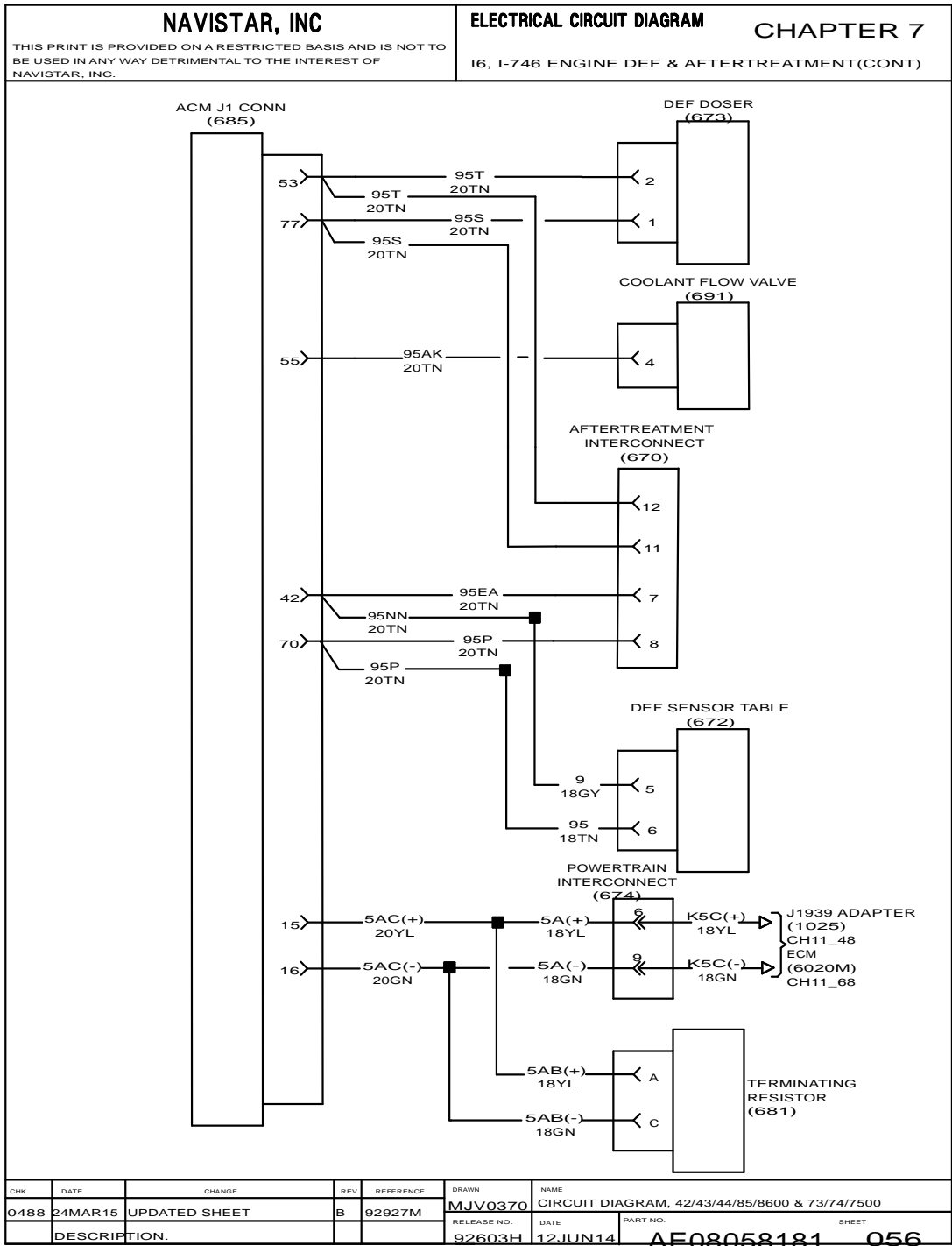


Figure 294 I6, I-746 Engine DEF and Aftertreatment (Cont.)



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

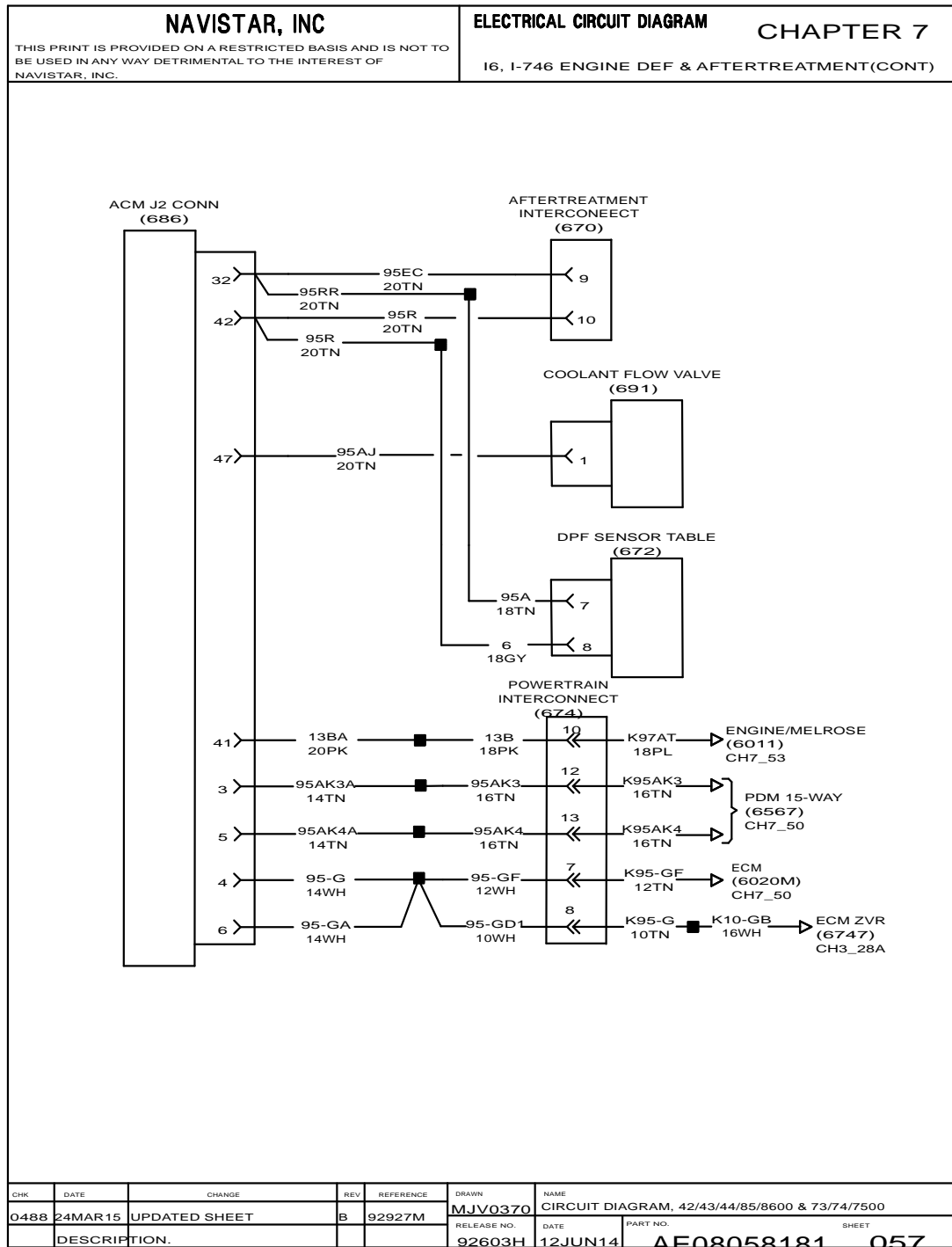


Figure 295 I6, I-746 Engine DEF and Aftertreatment (Cont.)

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

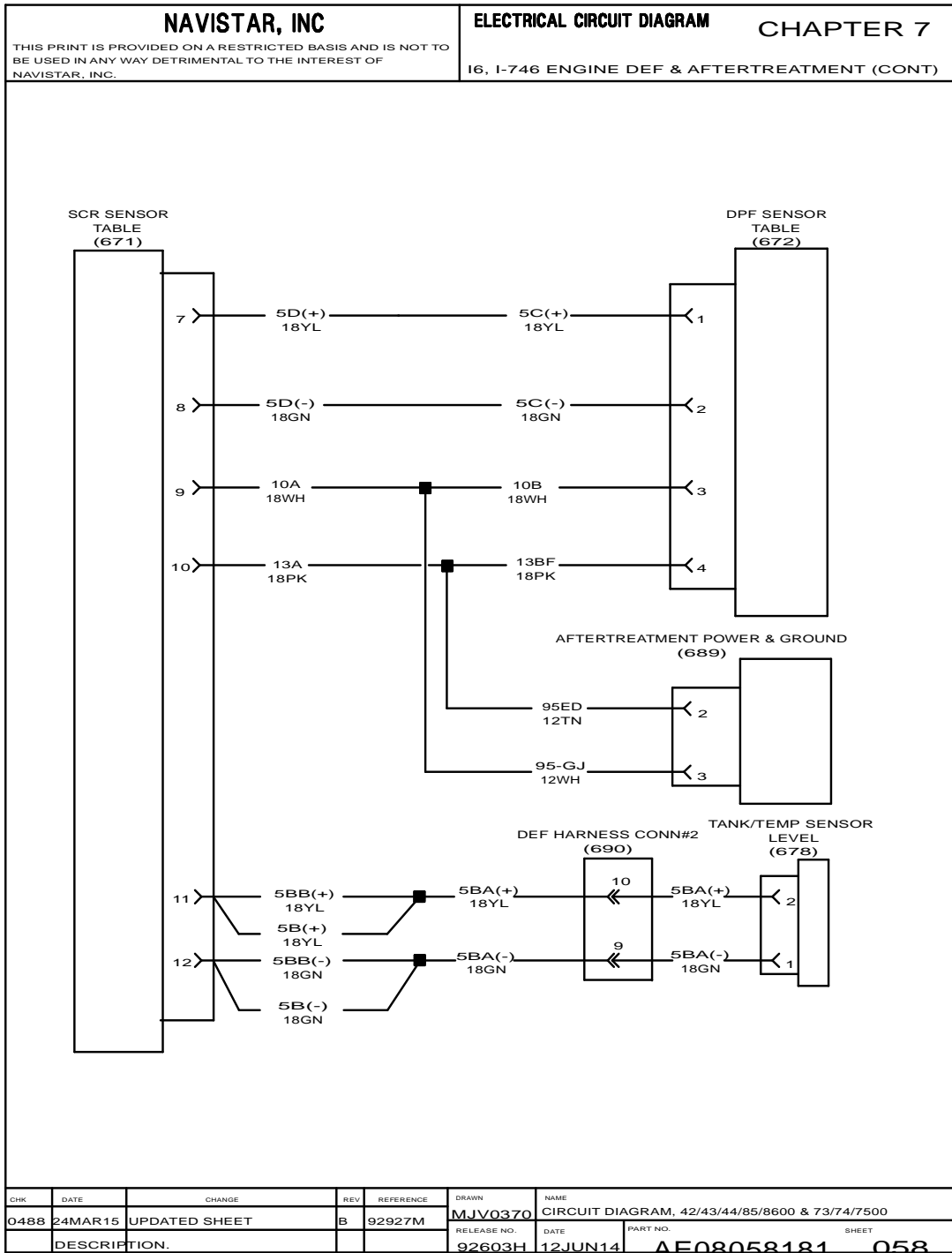


Figure 296 I6, I-746 Engine DEF and Aftertreatment (Cont.)

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

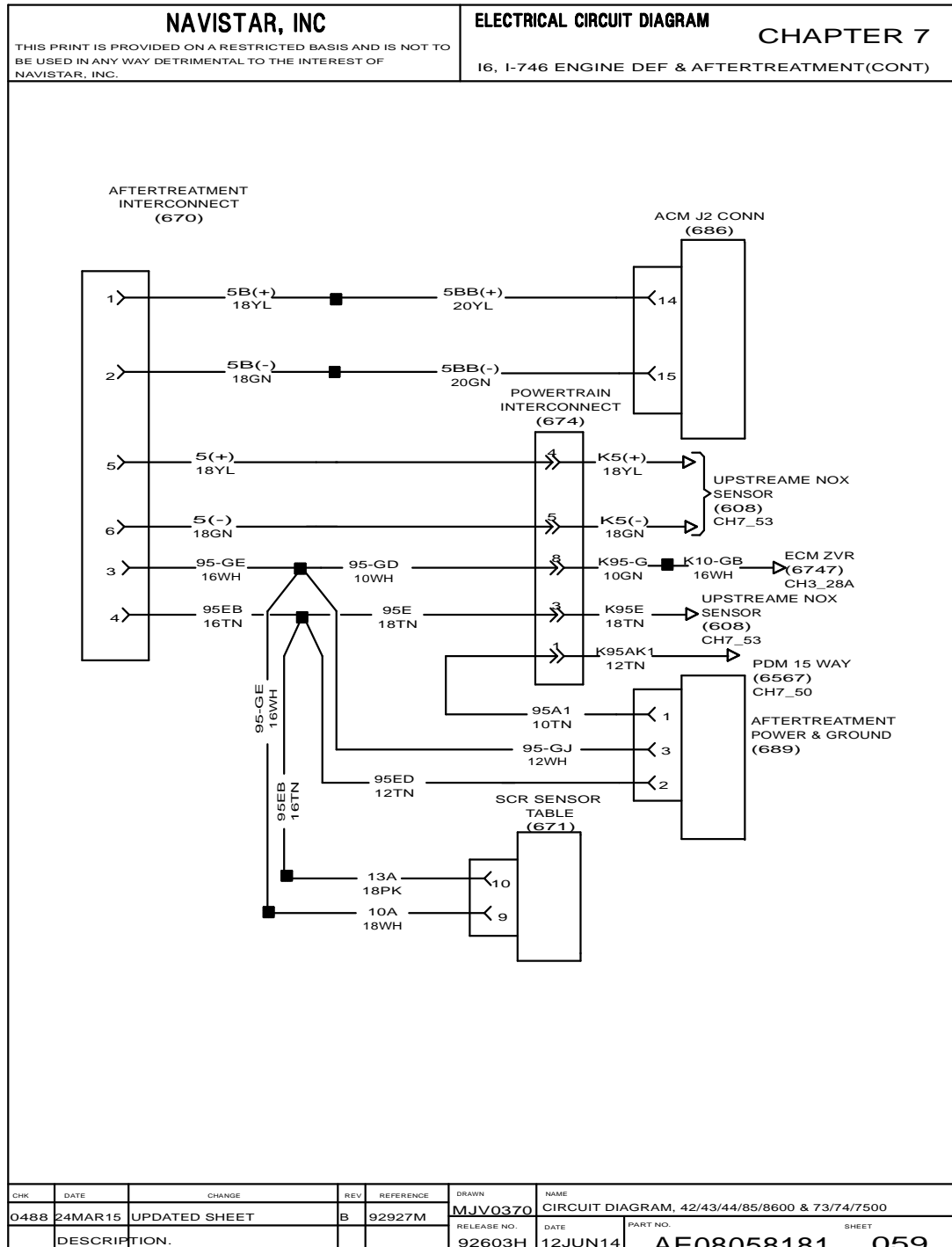


Figure 297 I6, I-746 Engine DEF and Aftertreatment (Cont.)

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

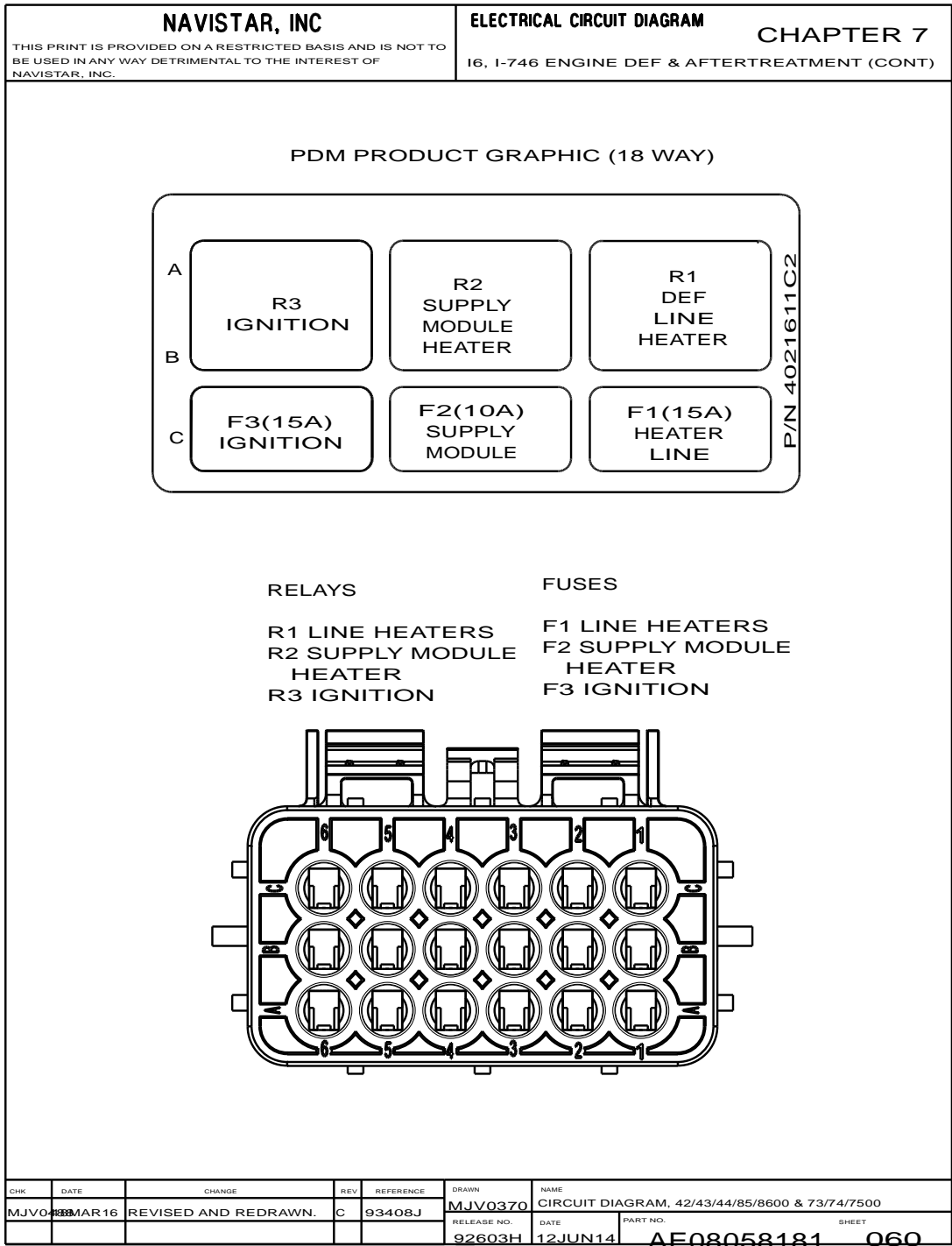


Figure 298 I6, I-746 Engine DEF and Aftertreatment (Cont.)

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

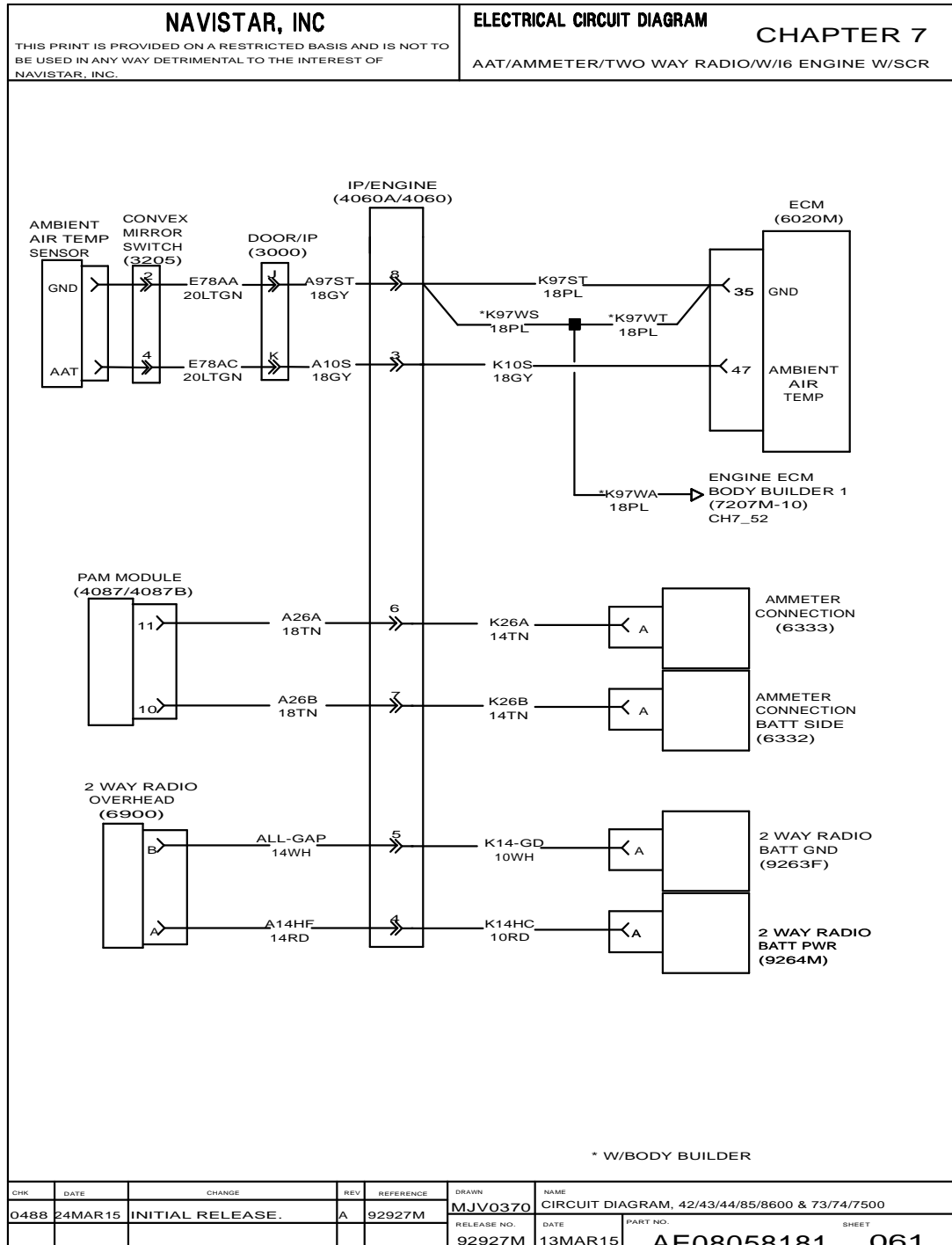


Figure 299 AAT / Ammeter / Two-Way Radio with I6 Engine with SCR

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

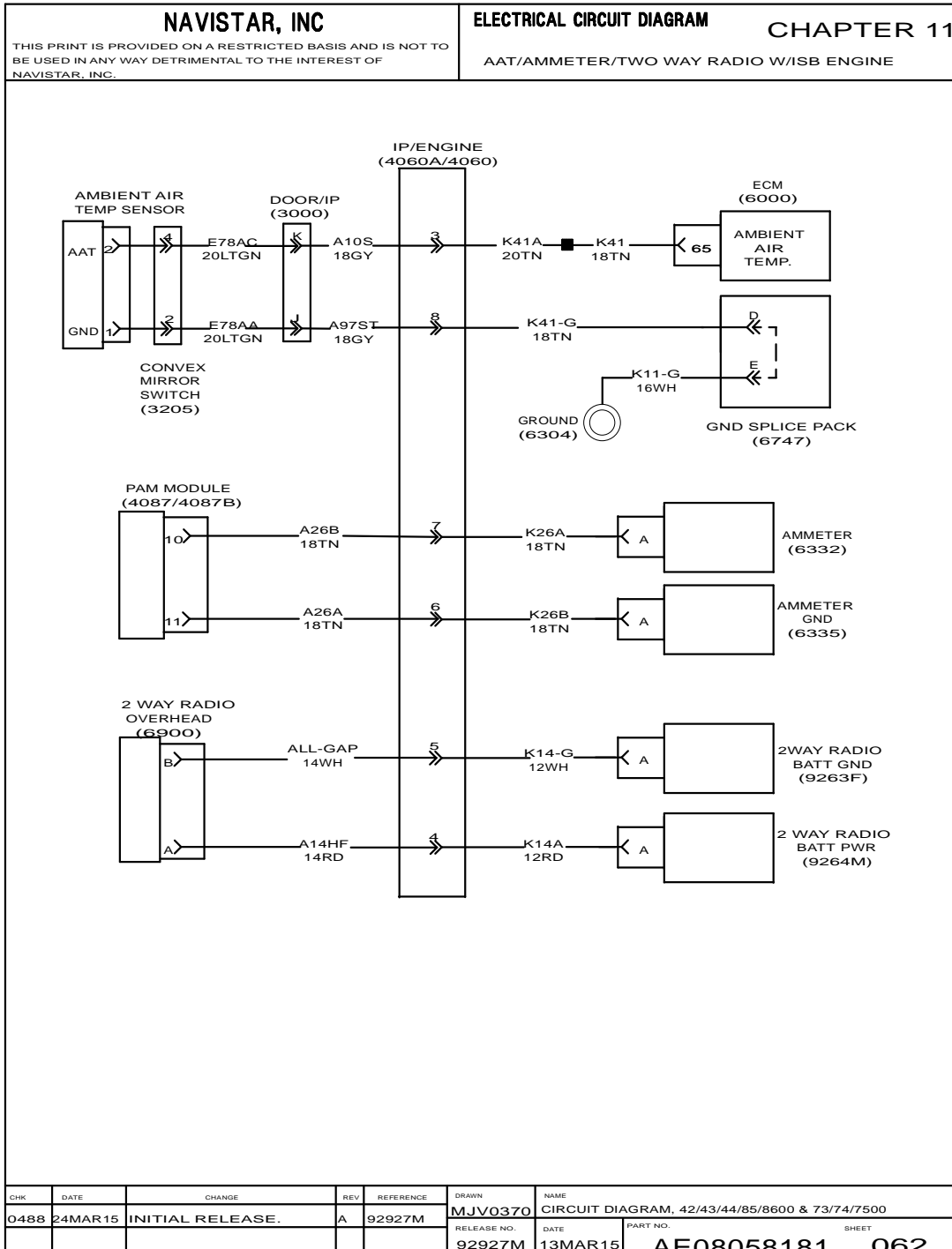


Figure 300 AAT / Ammeter / Two-Way Radio with ISB Engine

7.71. DRIVER CONTROL UNIT, P. 63

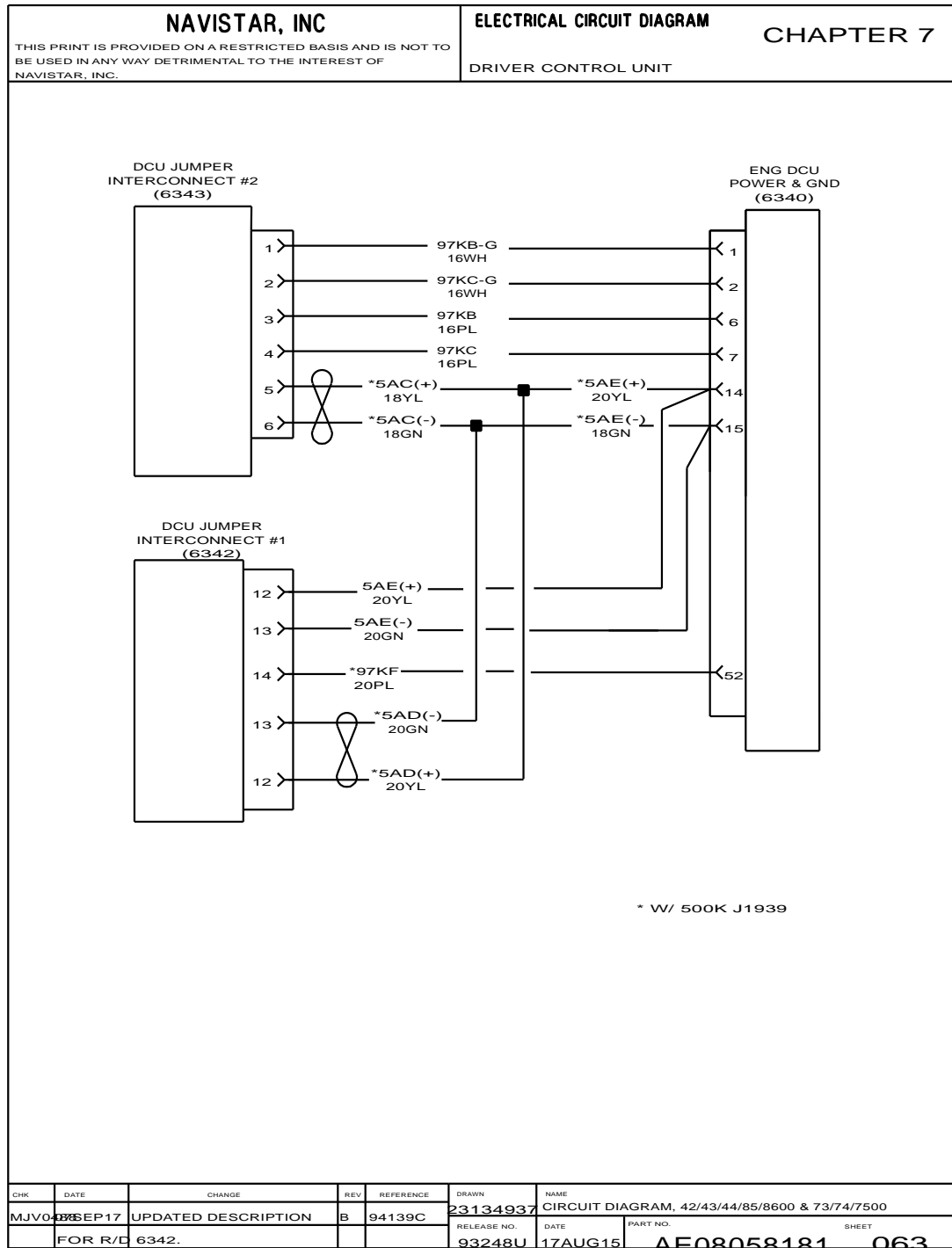


Figure 301 Driver Control Unit

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

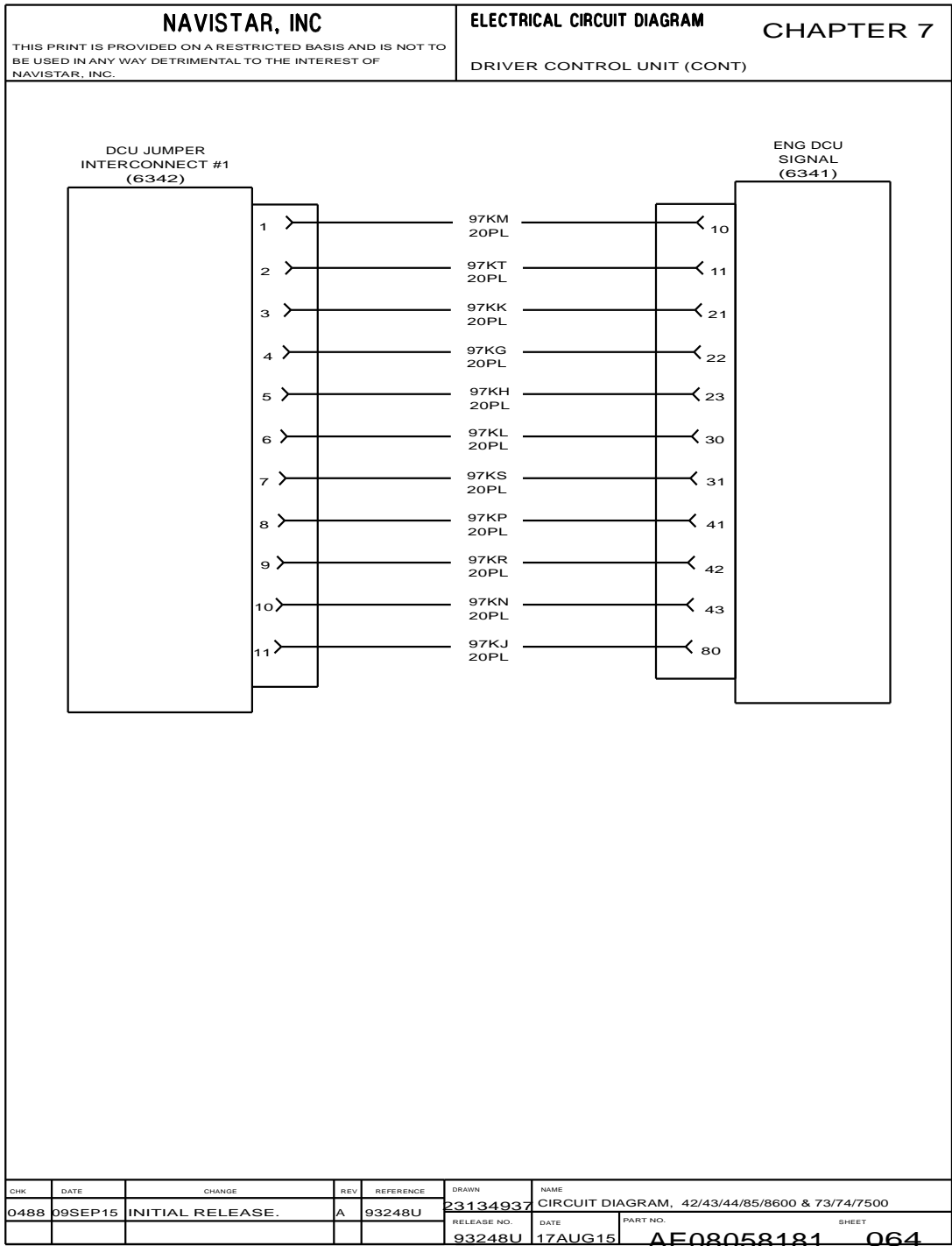


Figure 302 Driver Control Unit (Cont.)



7.73. EATON PROCISION TRANSMISSION, P. 65

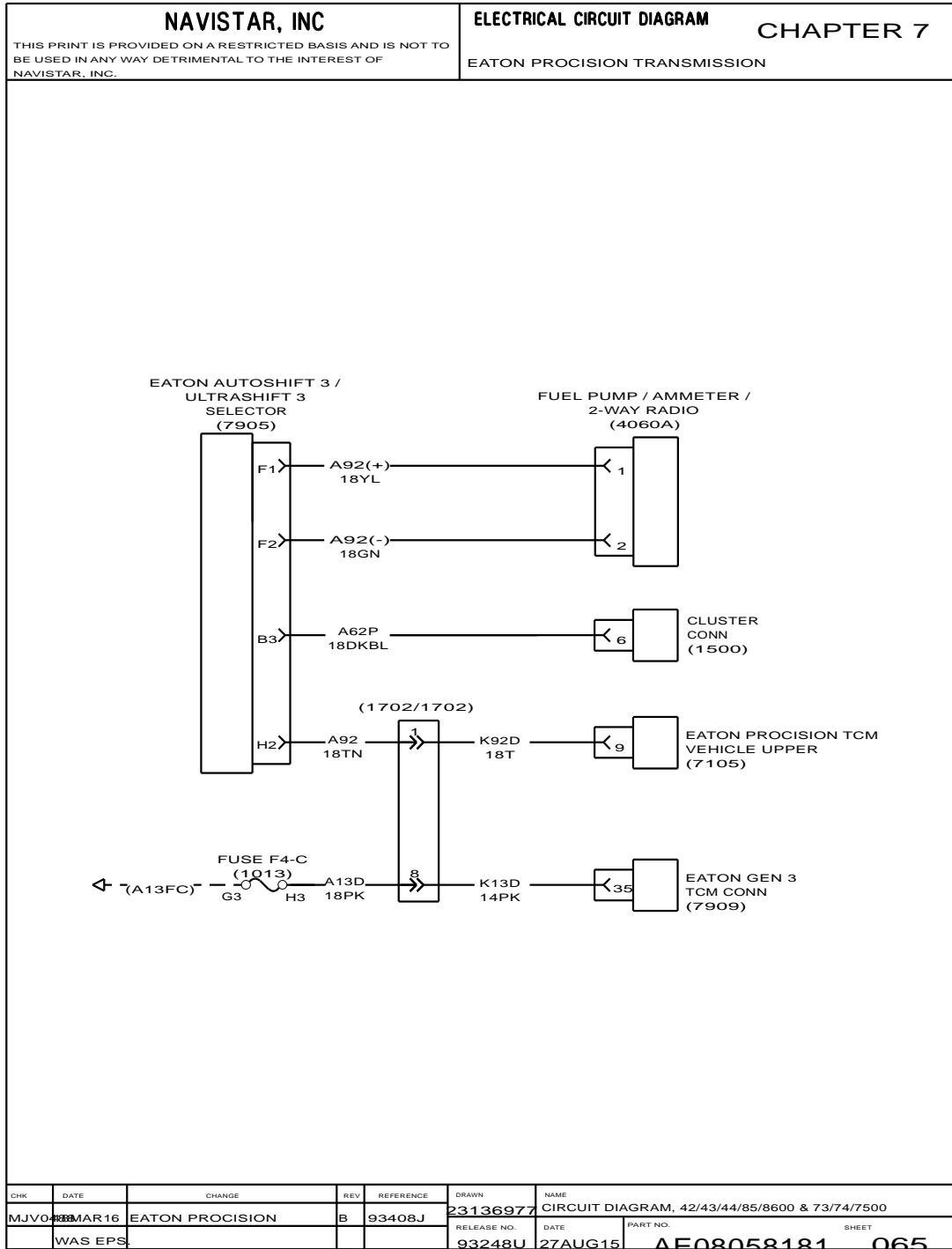


Figure 303 Eaton Procision Transmission

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

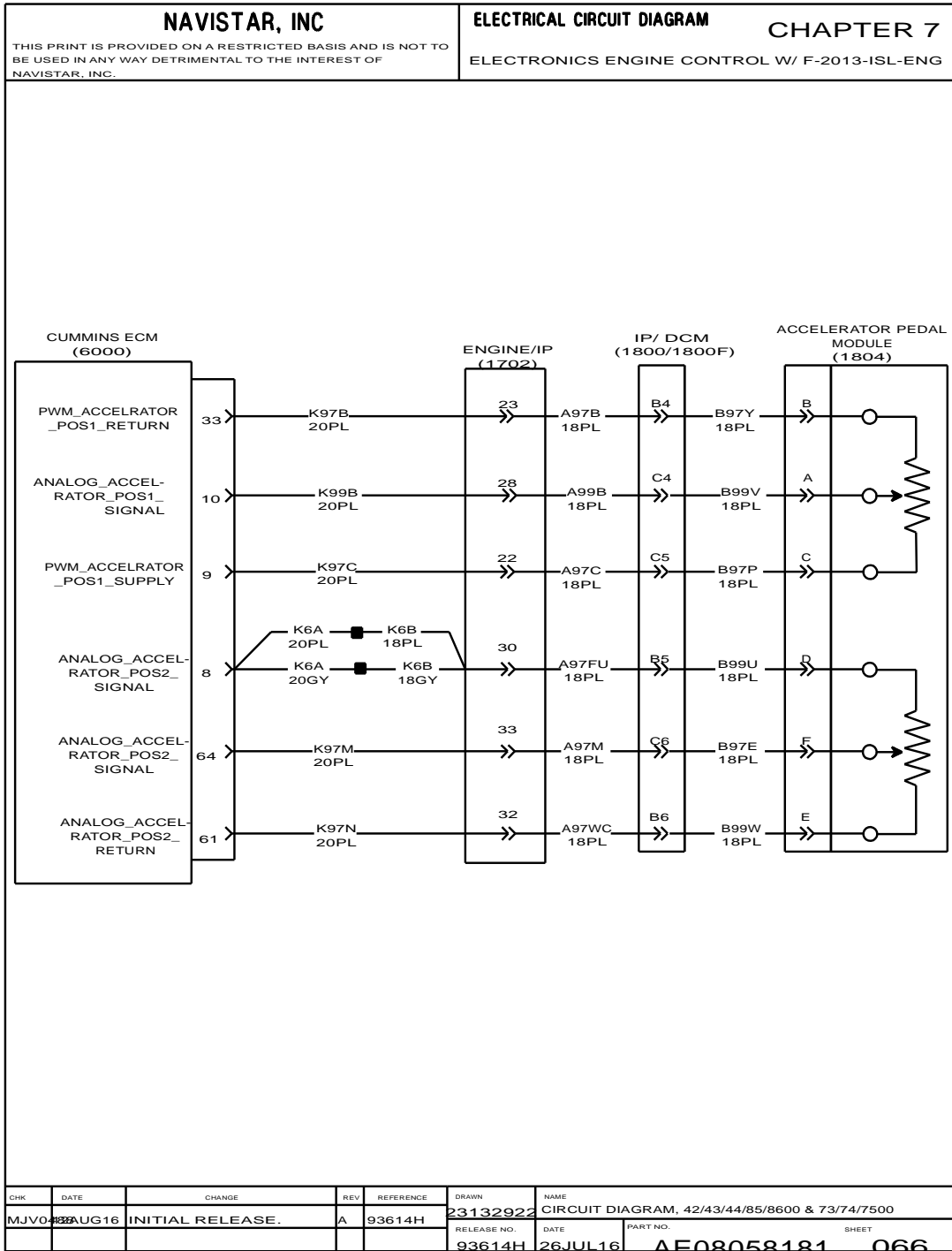


Figure 304 Electronics Engine Control with F-2013 ISL Engine

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

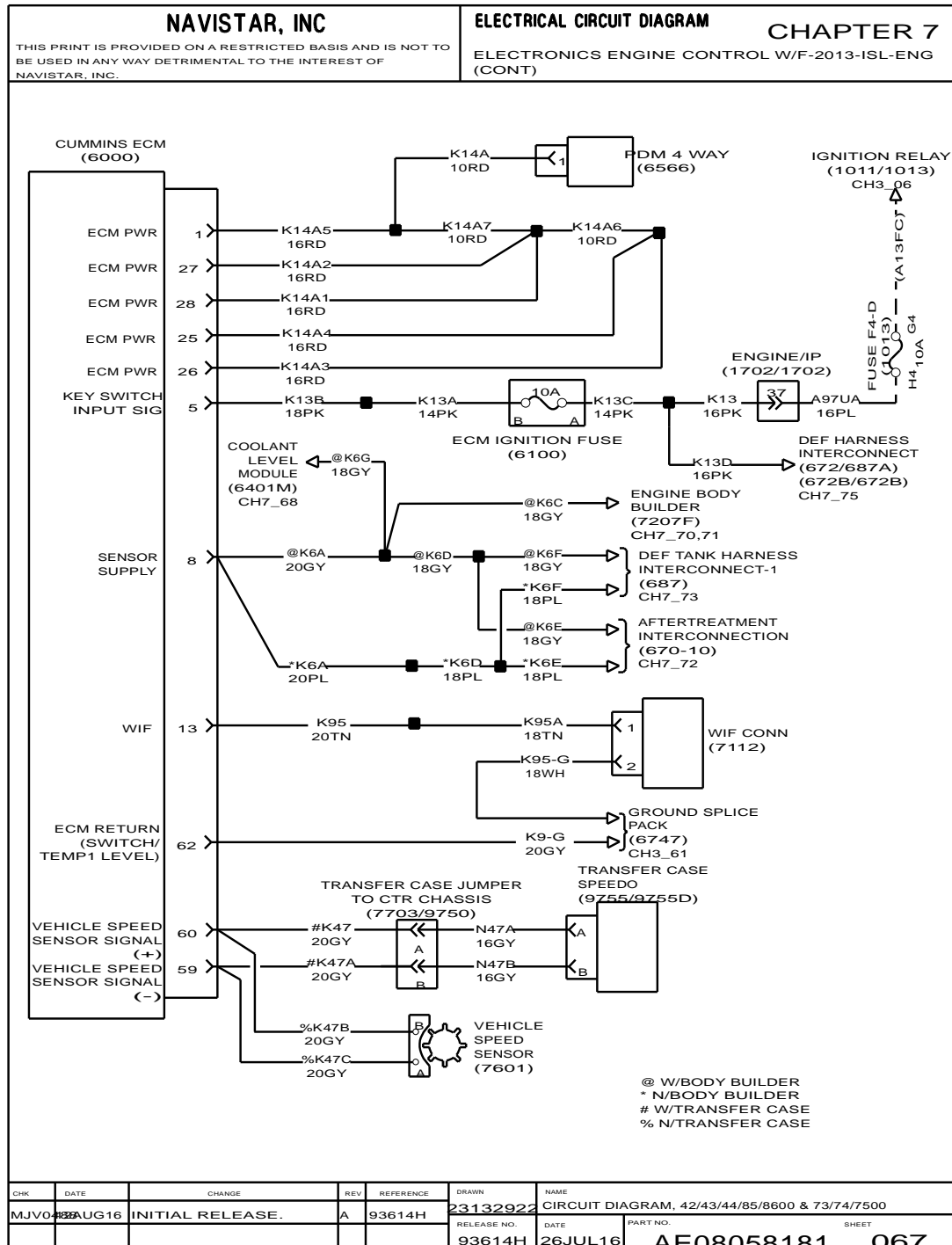


Figure 305 Electronics Engine Control with F-2013 ISL Engine (Cont.)

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

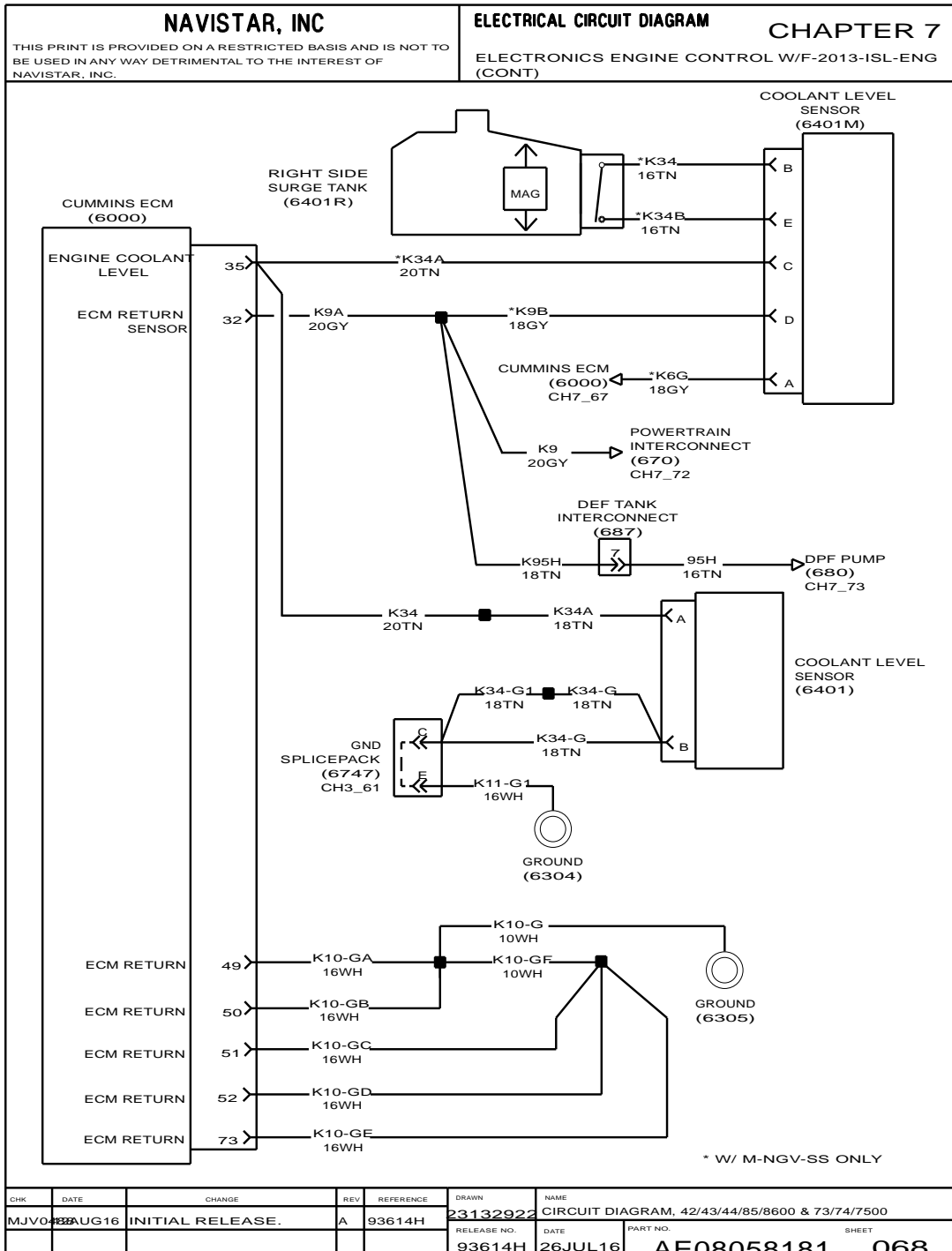


Figure 306 Electronics Engine Control with F-2013 ISL Engine (Cont.)

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

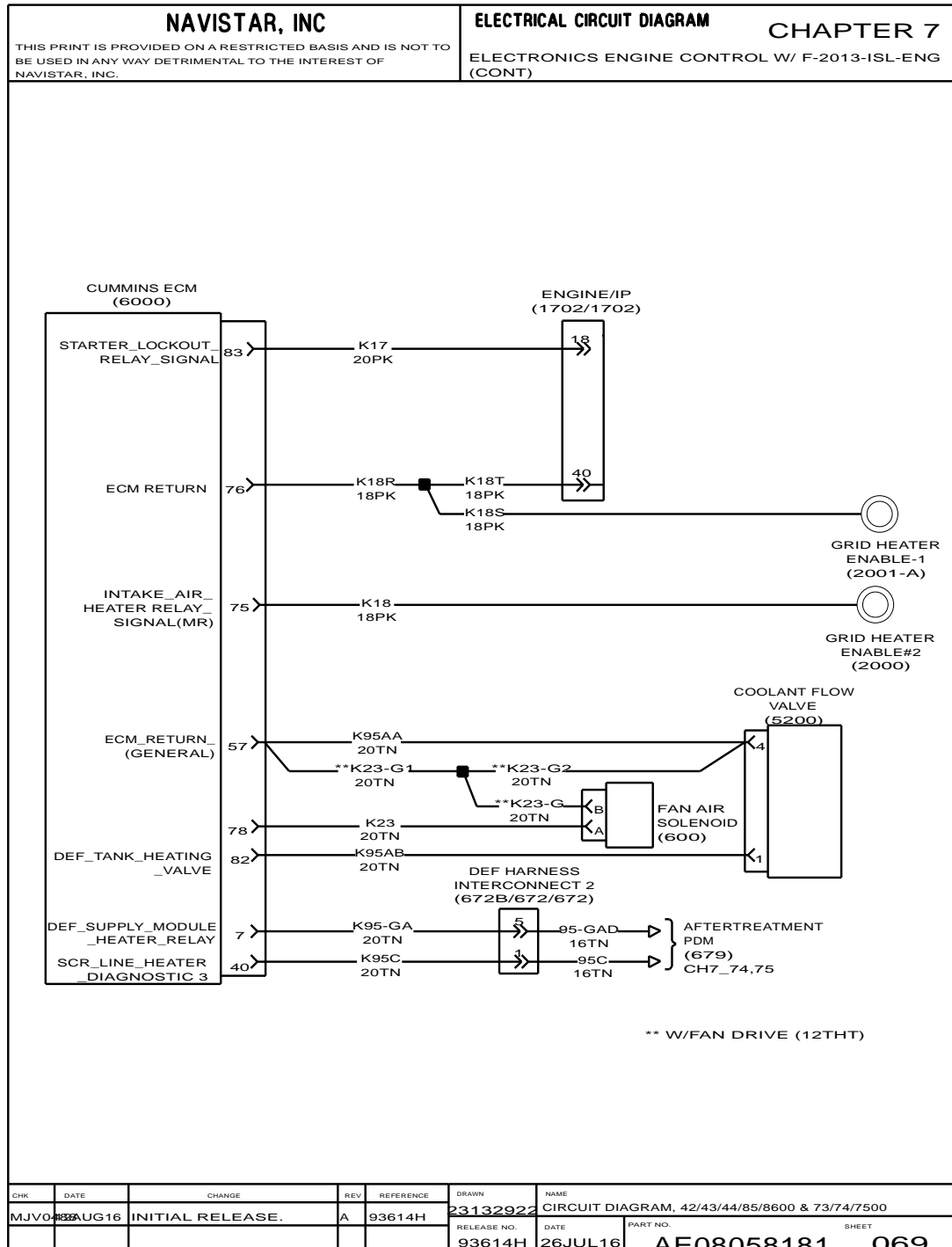


Figure 307 Electronics Engine Control with F-2013 ISL Engine (Cont.)

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

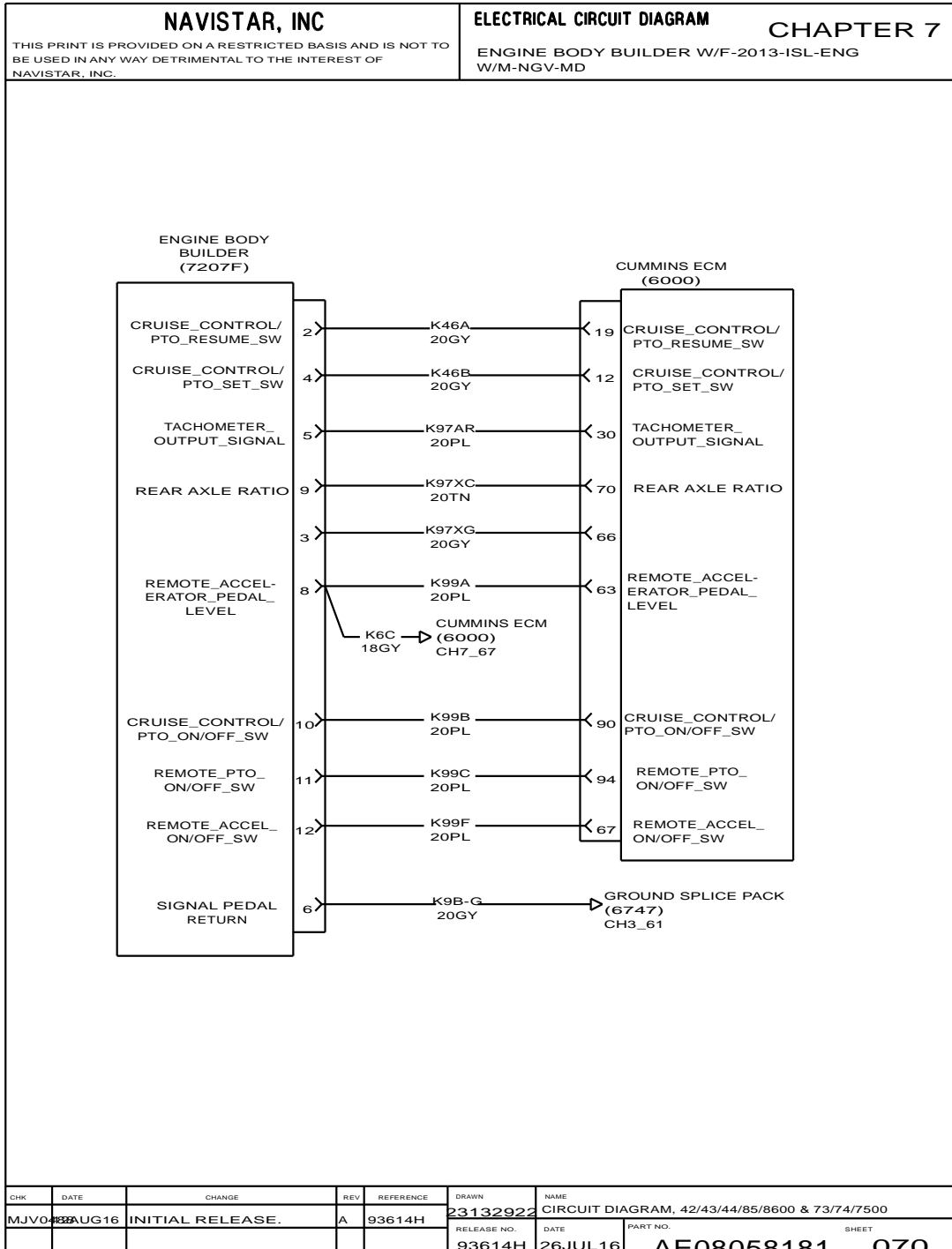


Figure 308 Engine Body Builder with F-2013 ISL Engine with M-NGV-MD

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

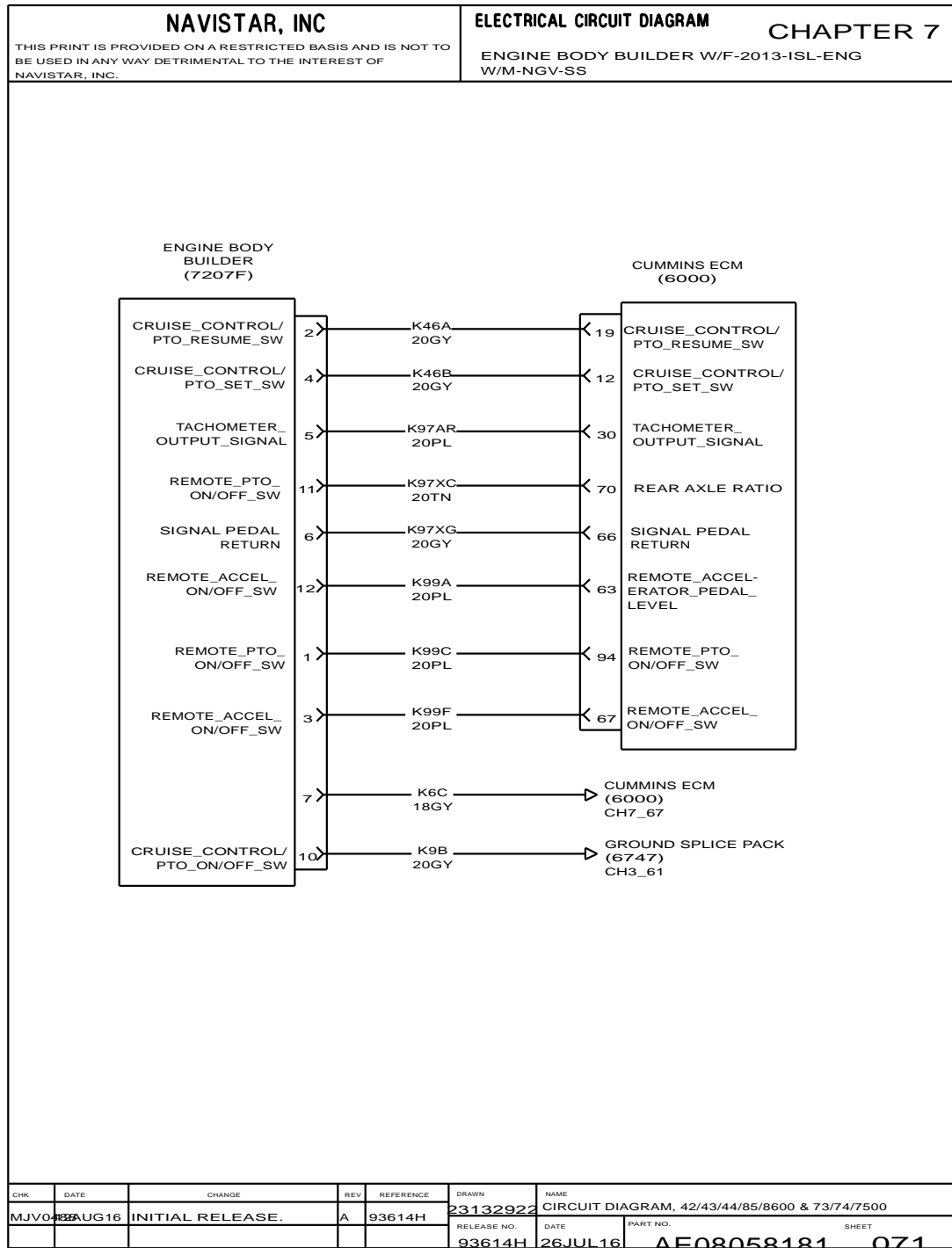


Figure 309 Engine Body Builder with F-2013 ISL Engine with M-NGV-SS

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

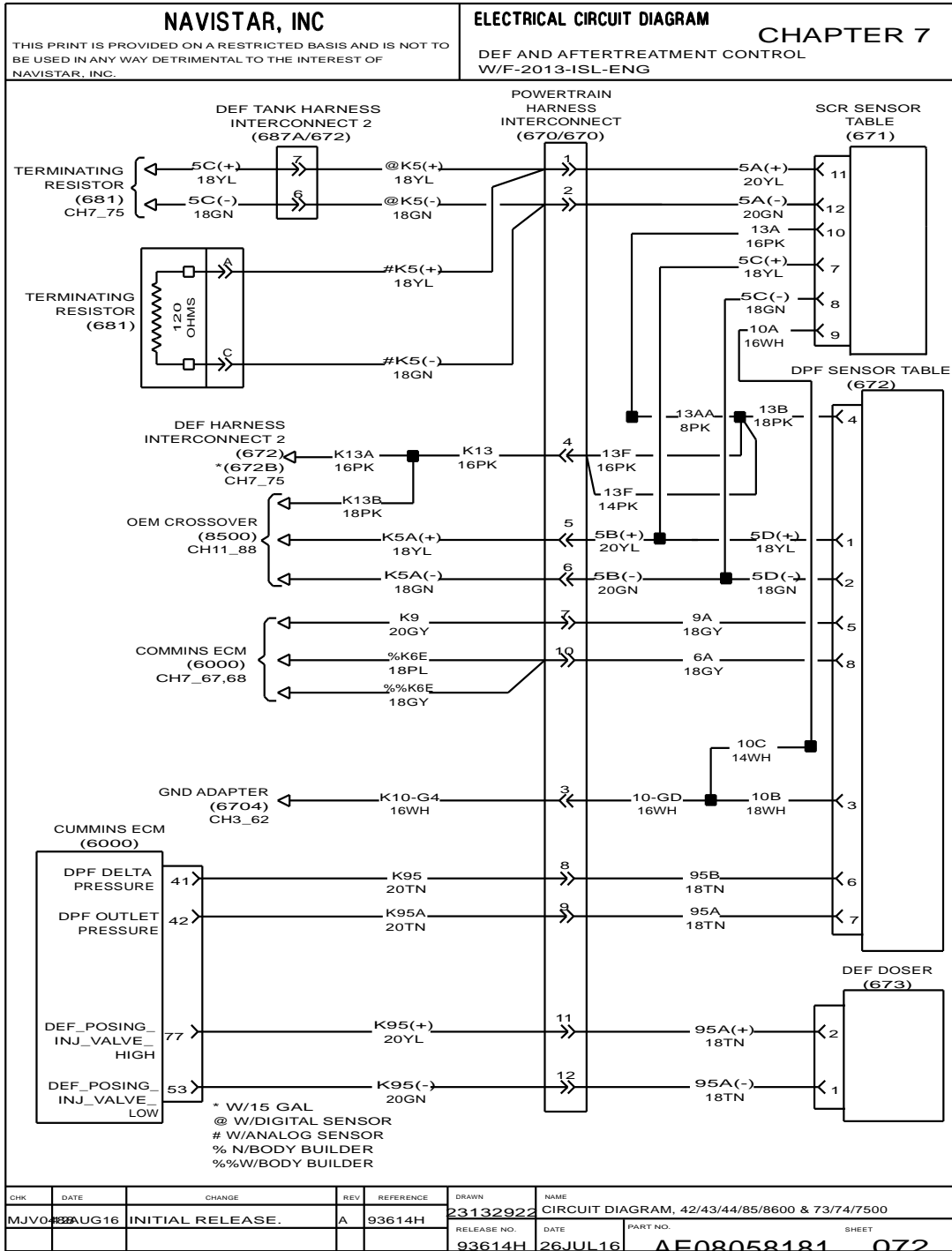


Figure 310 DEF and Aftertreatment Control with F-2013 ISL Engine



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

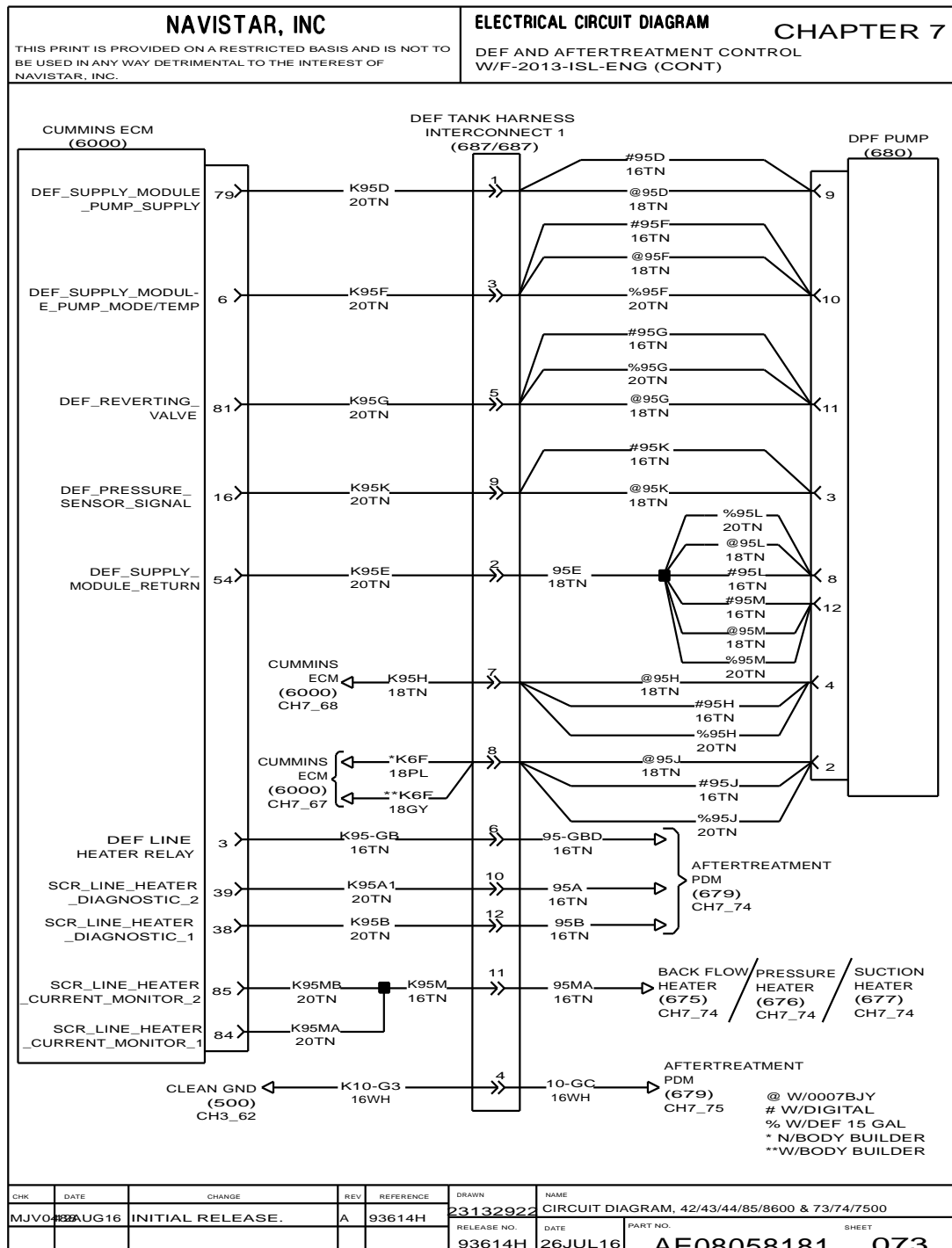


Figure 311 DEF and Aftertreatment Control with F-2013 ISL Engine (Cont.)

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

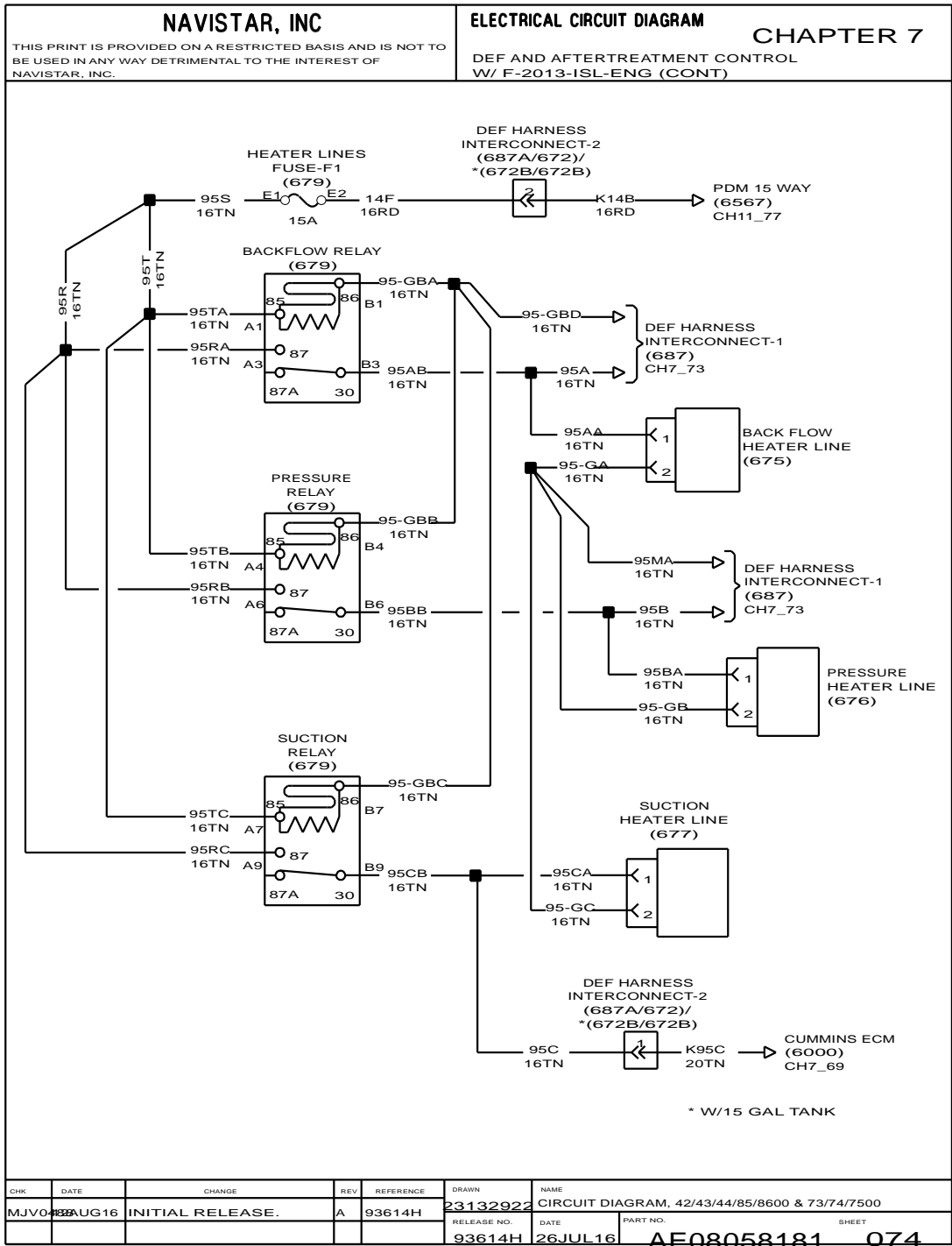


Figure 312 DEF and Aftertreatment Control with F-2013 ISL Engine (Cont.)

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

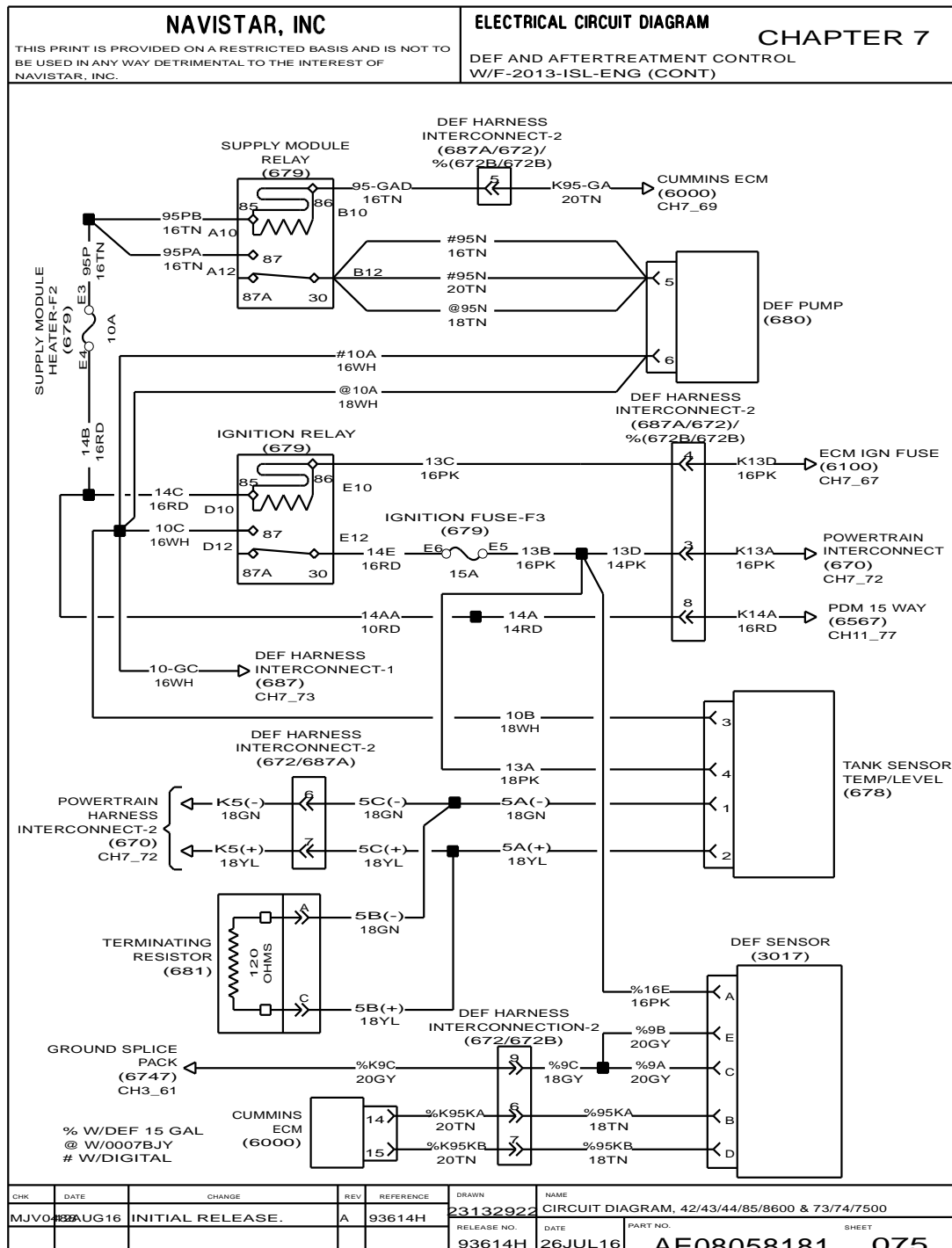


Figure 313 DEF and Aftertreatment Control with F-2013 ISL Engine (Cont.)

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

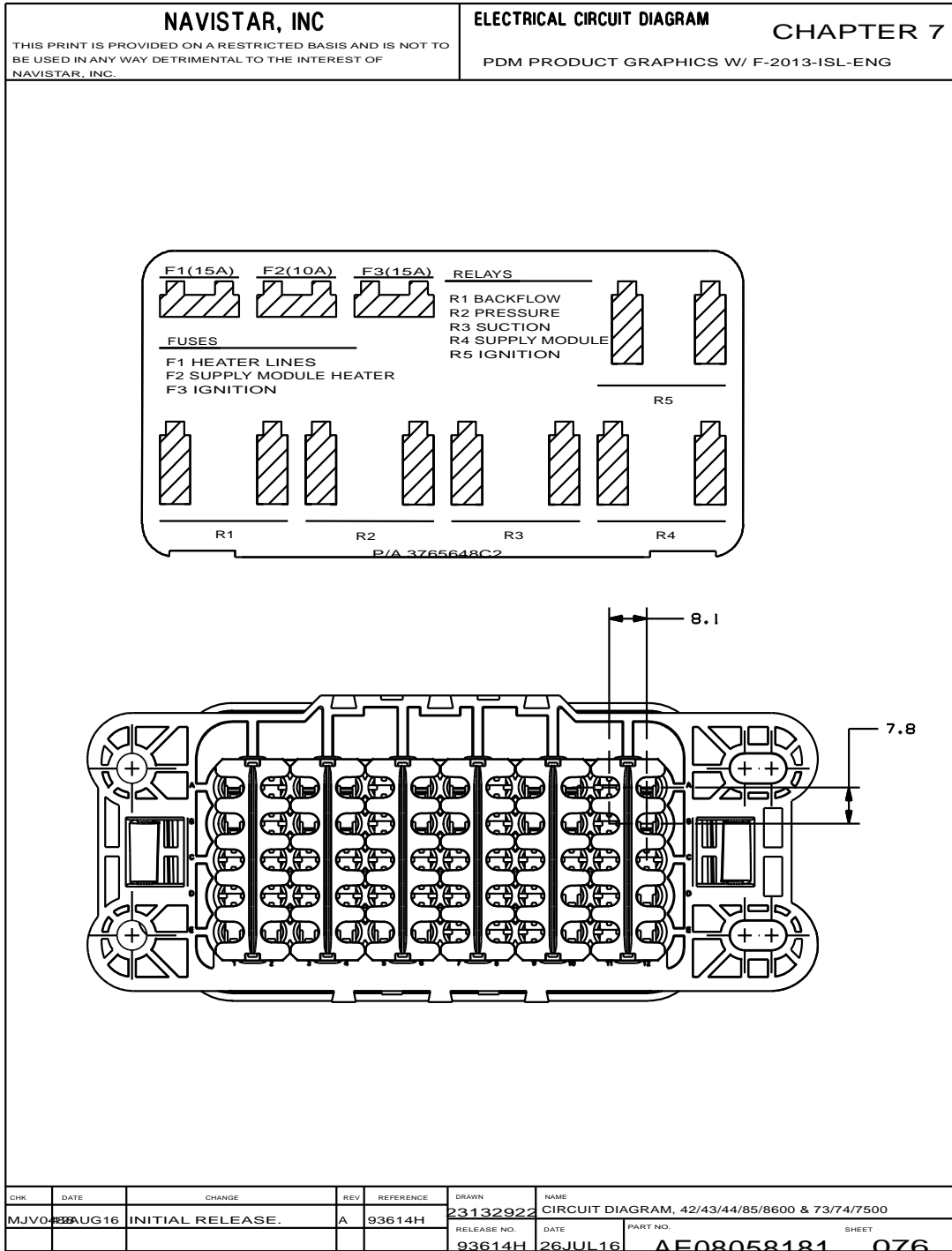


Figure 314 PDM Product Graphics with F-2013 ISL Engine

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

**Figure 315 Power Distribution Module with F-2013 ISL Engine**

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

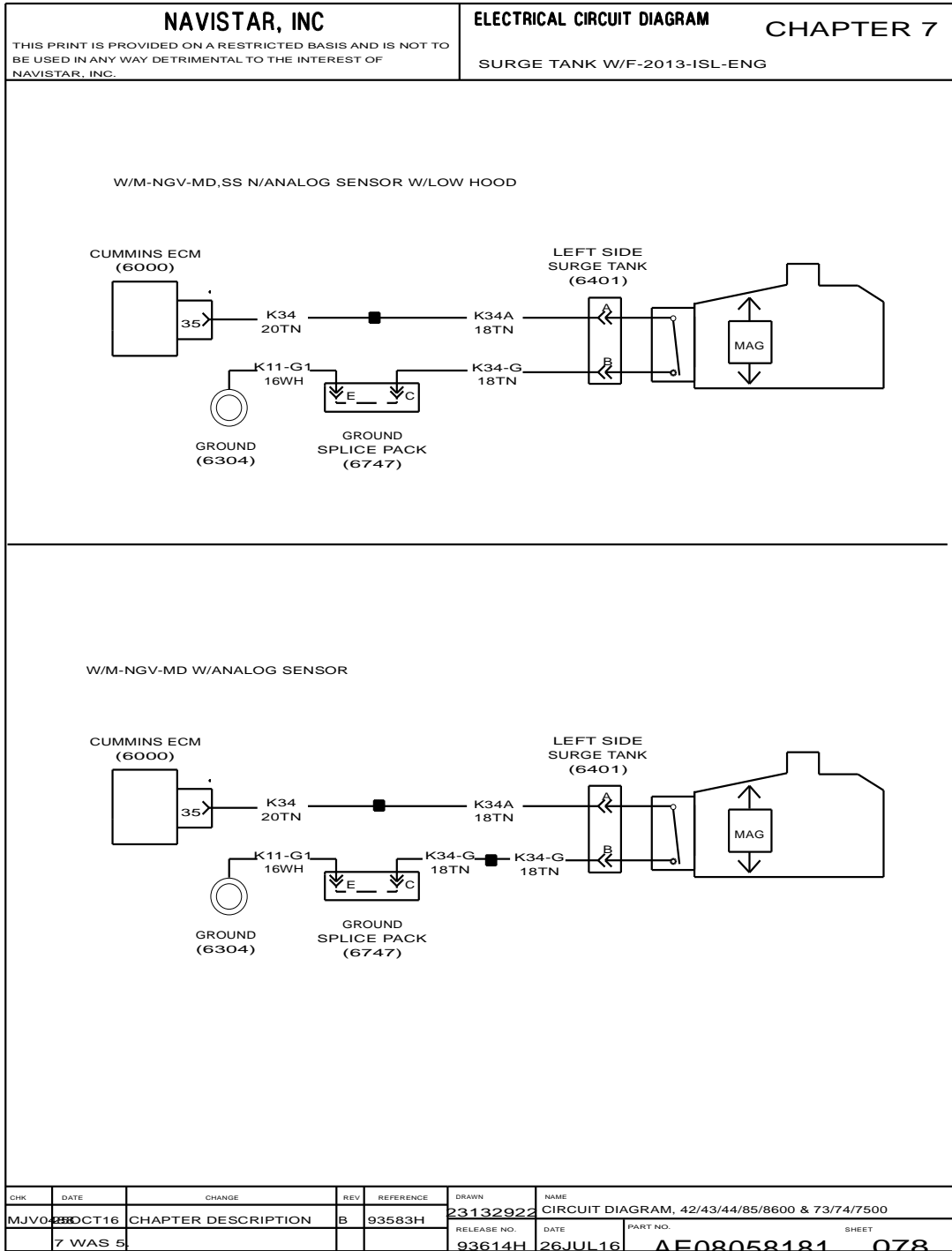


Figure 316 Surge Tank with F-2013 ISL Engine

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

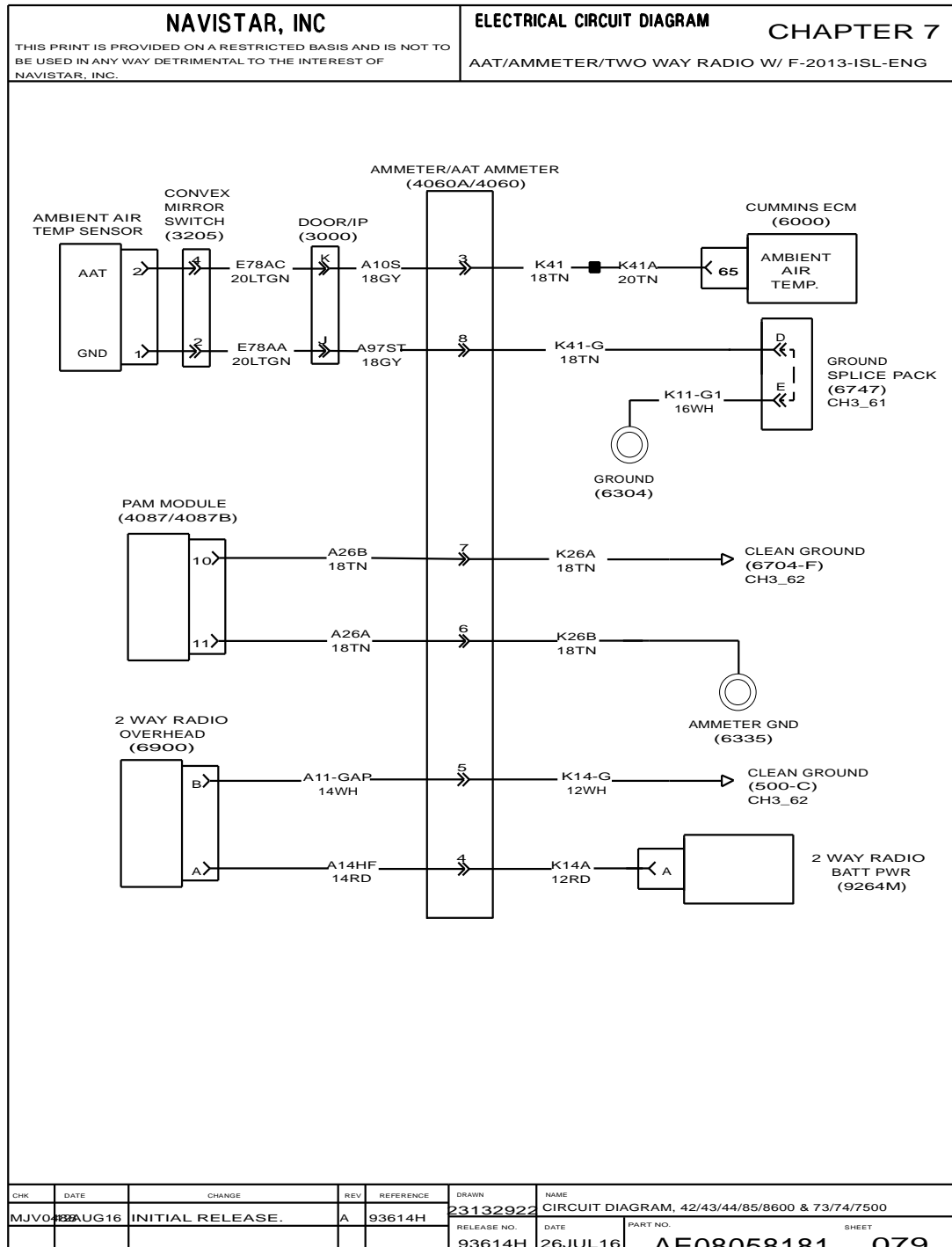


Figure 317 AAT / Ammeter / Two-Way Radio with F-2013 ISL Engine

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

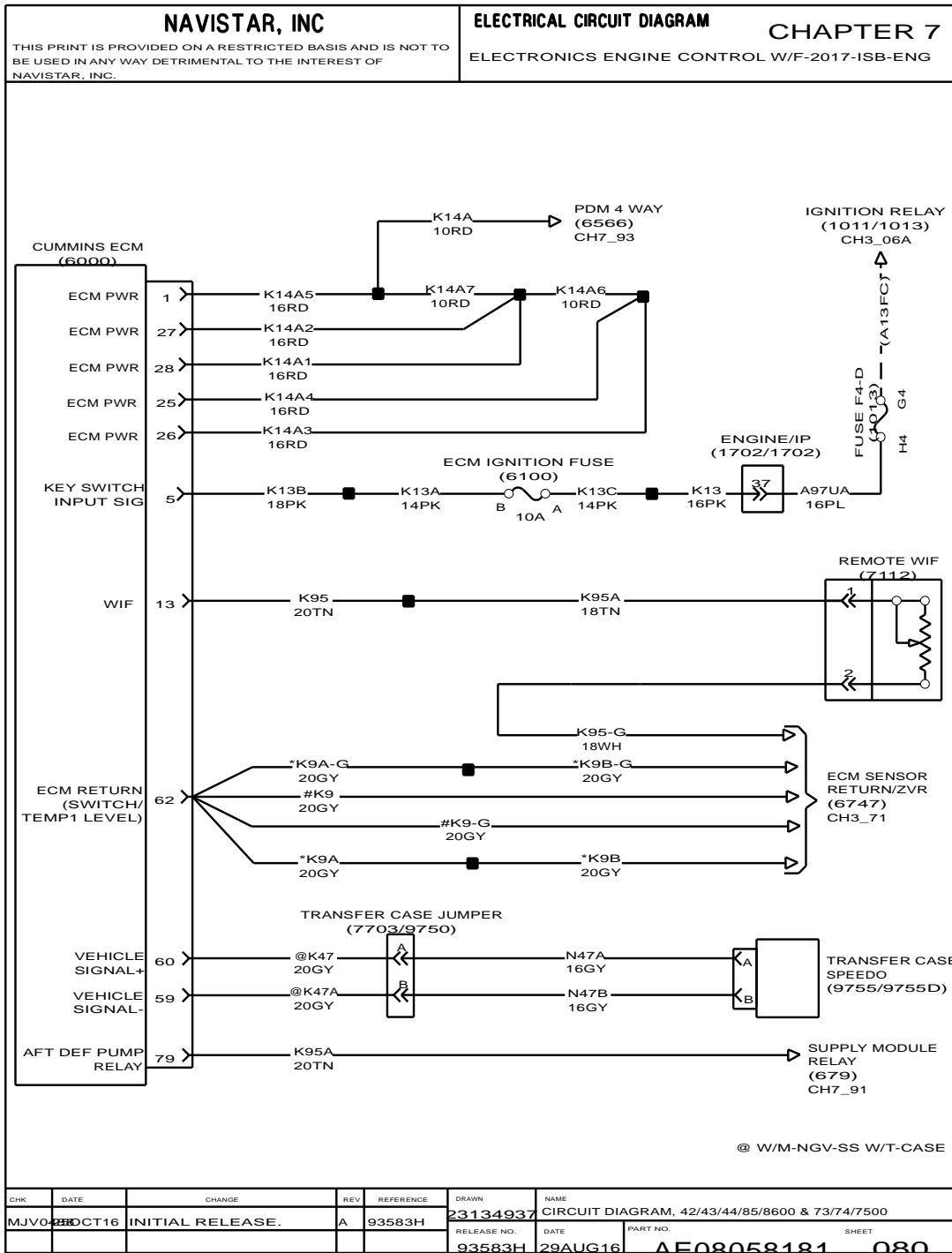


Figure 318 Electronics Engine Control with F-2017-ISB Engine



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

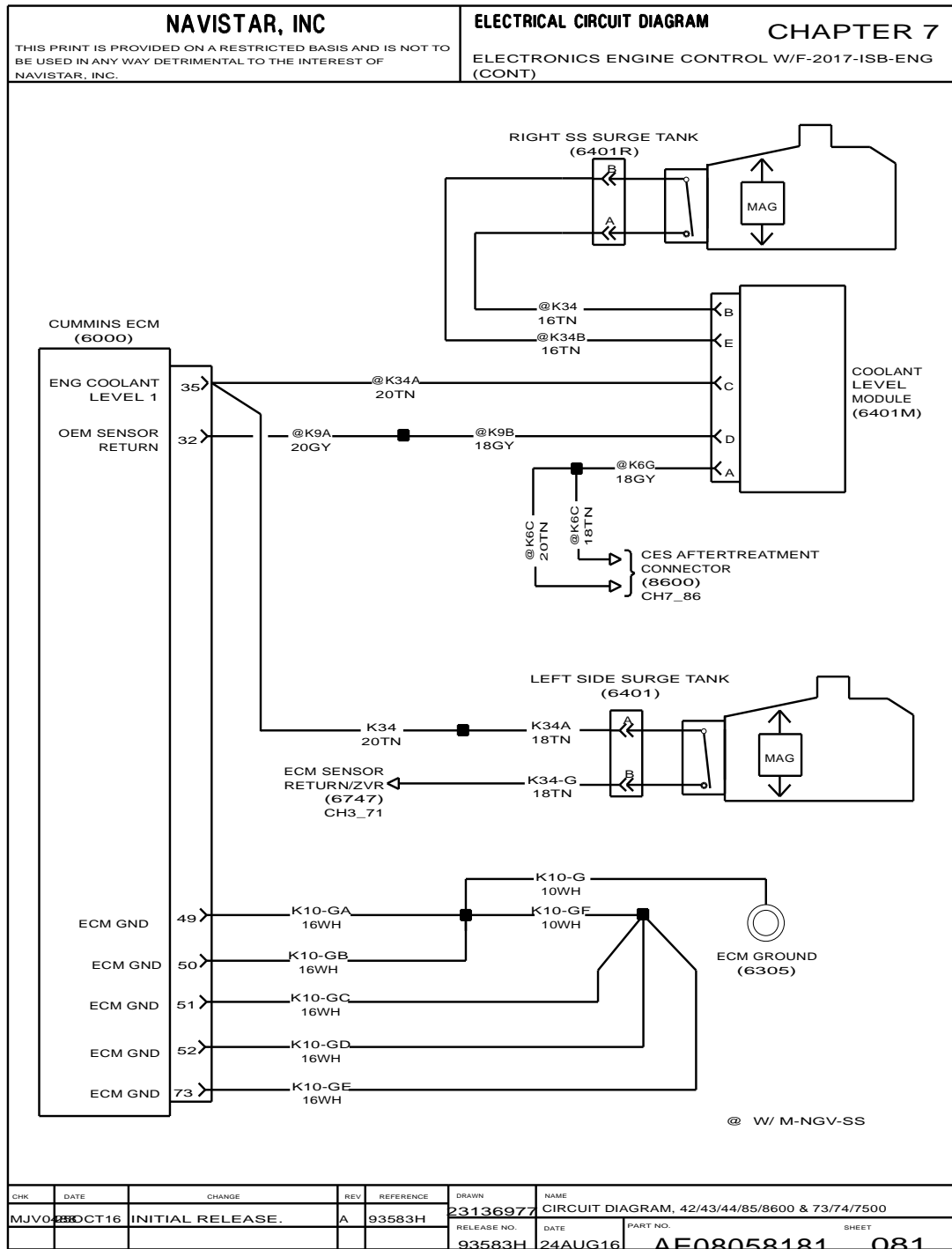


Figure 319 Electronics Engine Control with F-2017-ISB Engine (Cont.)

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

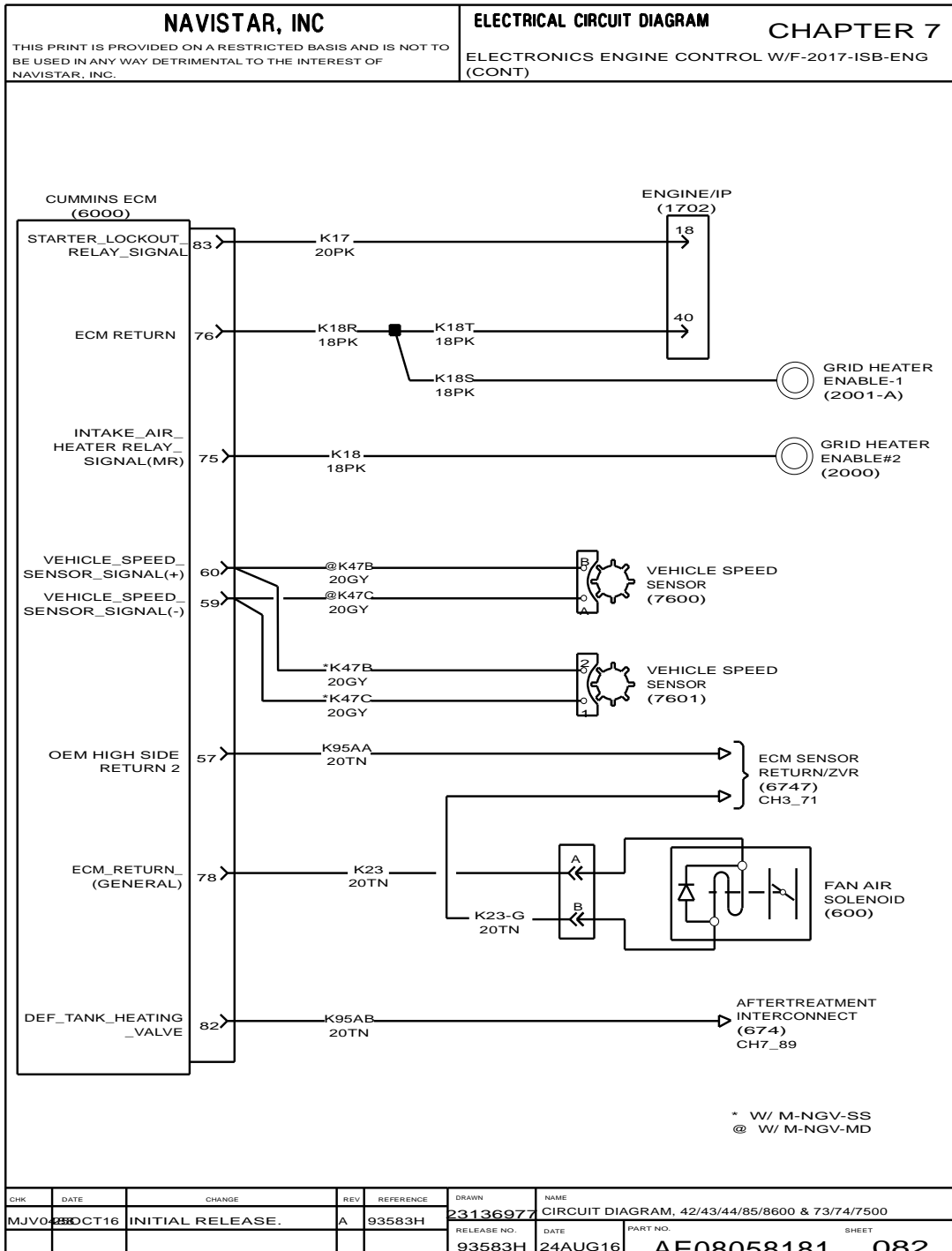


Figure 320 Electronics Engine Control with F-2017-ISB Engine (Cont.)

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

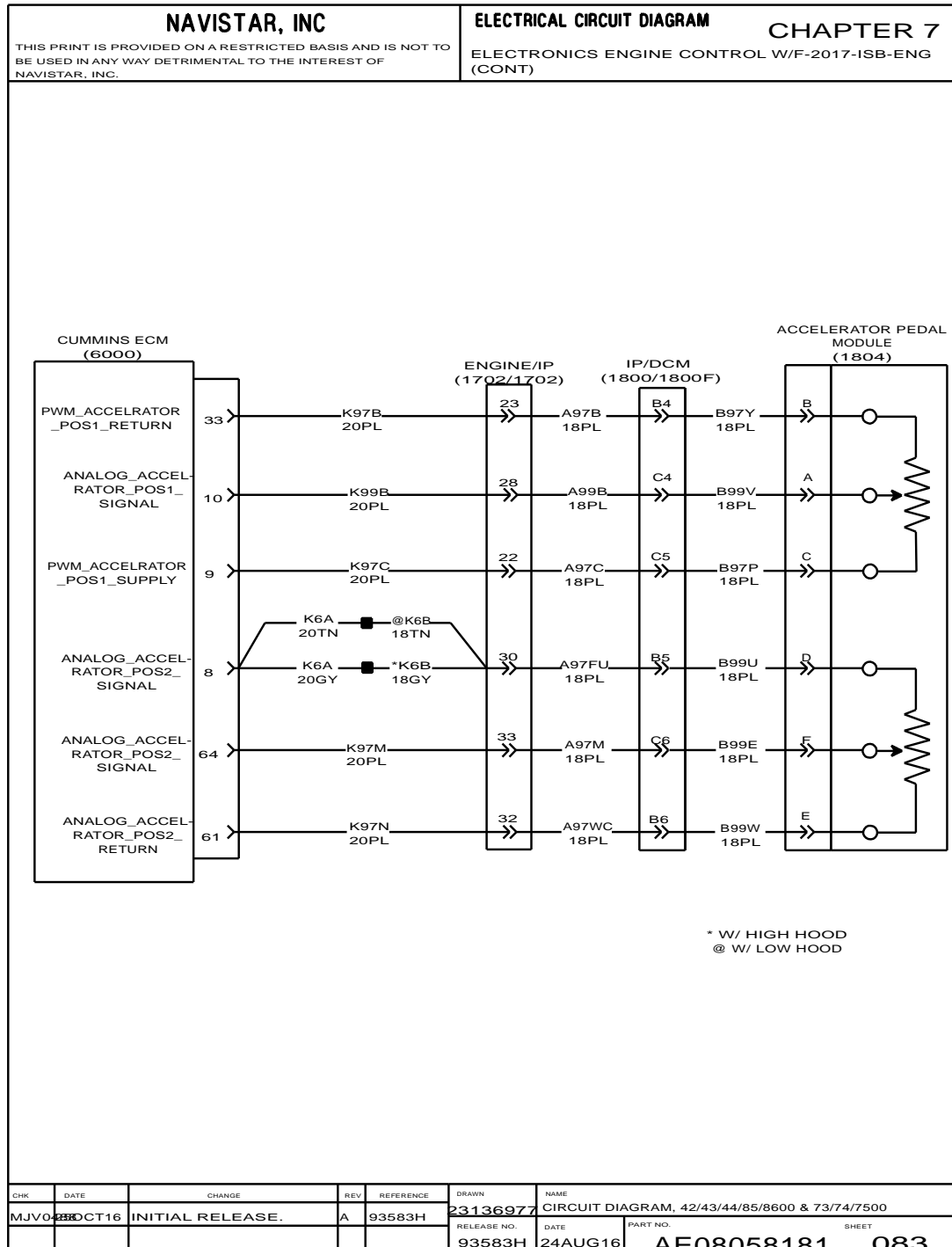


Figure 321 Electronics Engine Control with F-2017-ISB Engine (Cont.)

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

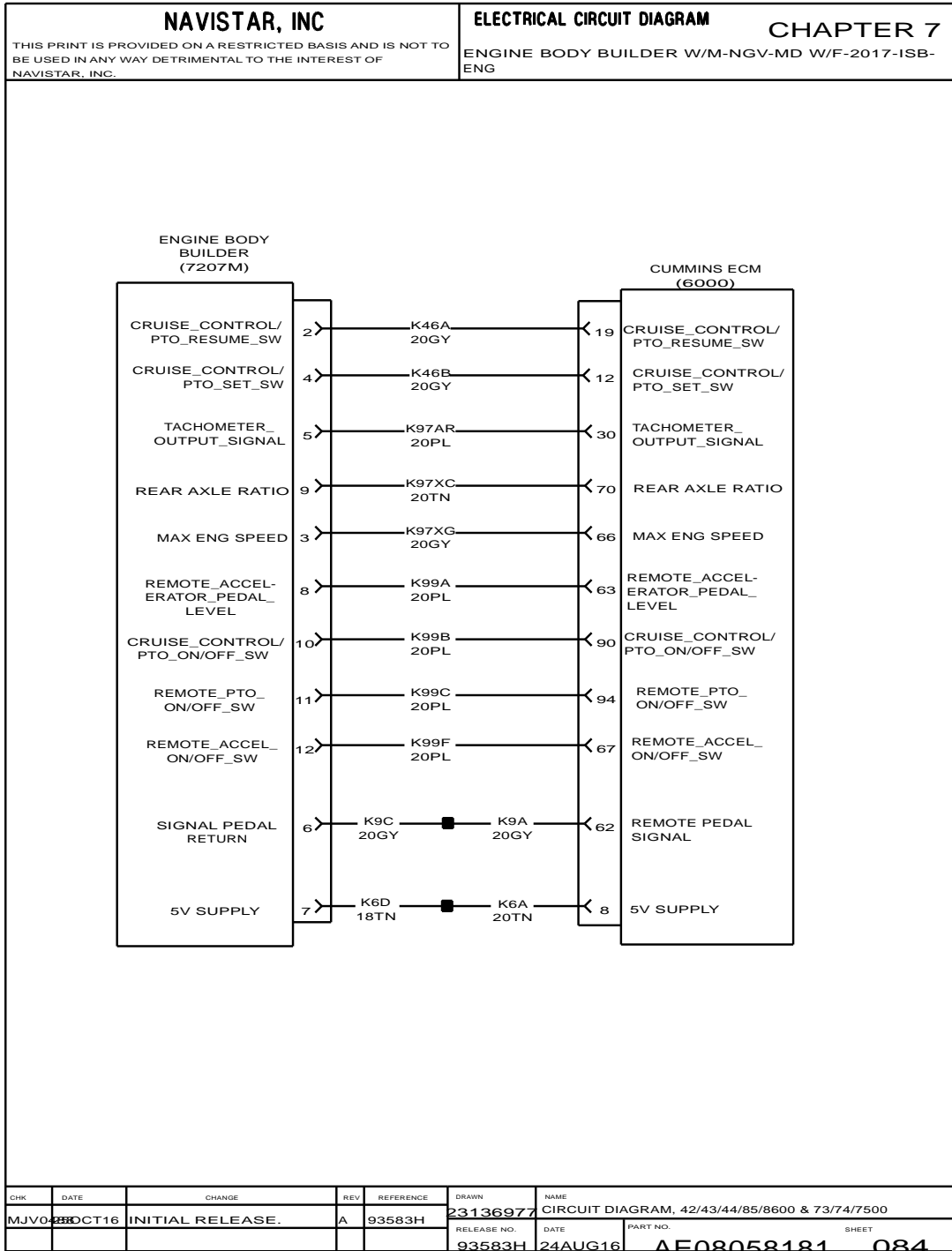


Figure 322 Engine Body Builder with M-NGV-MD with F-2017-ISB Engine

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

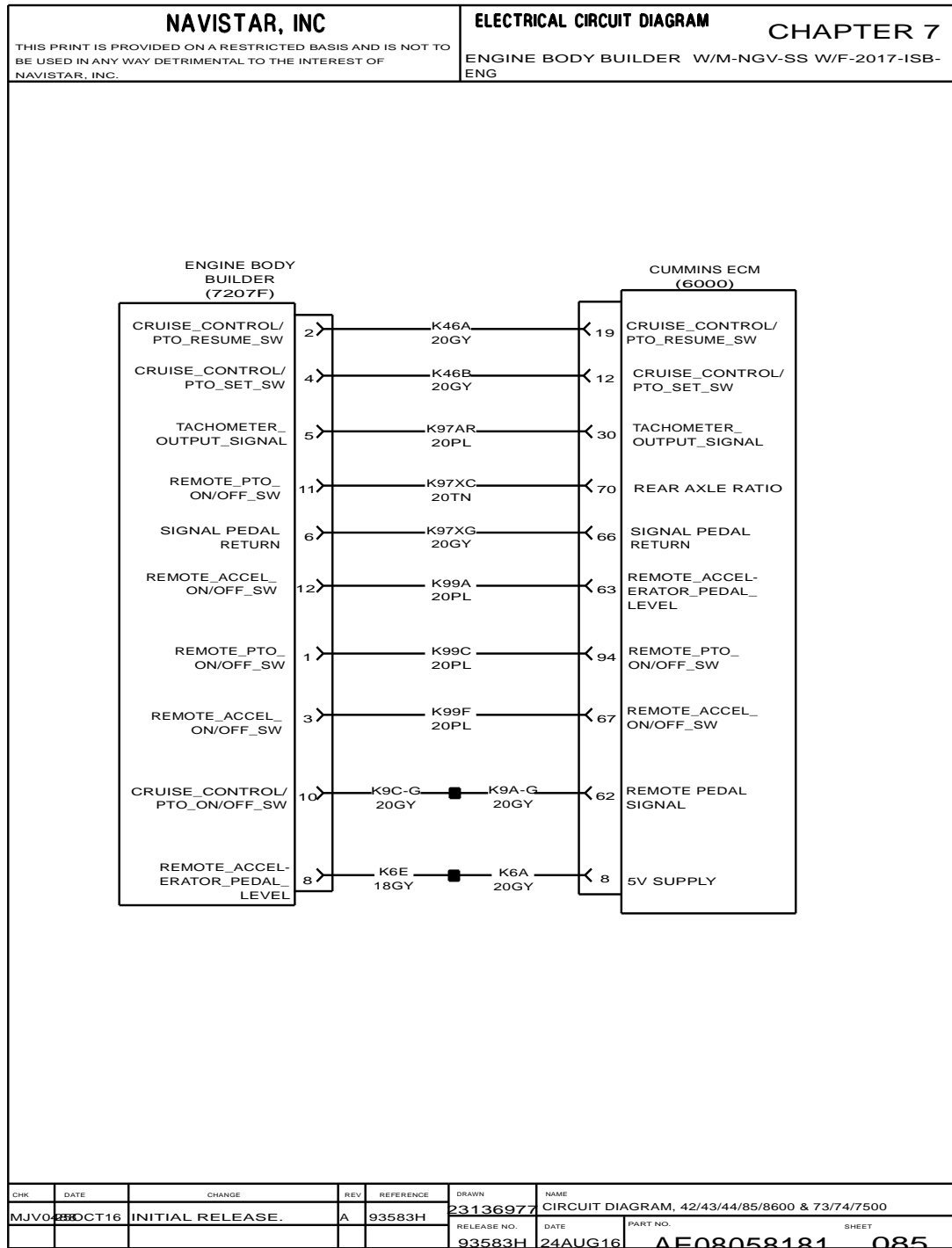


Figure 323 Engine Body Builder with M-NGV-SS with F-2017-ISB Engine

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

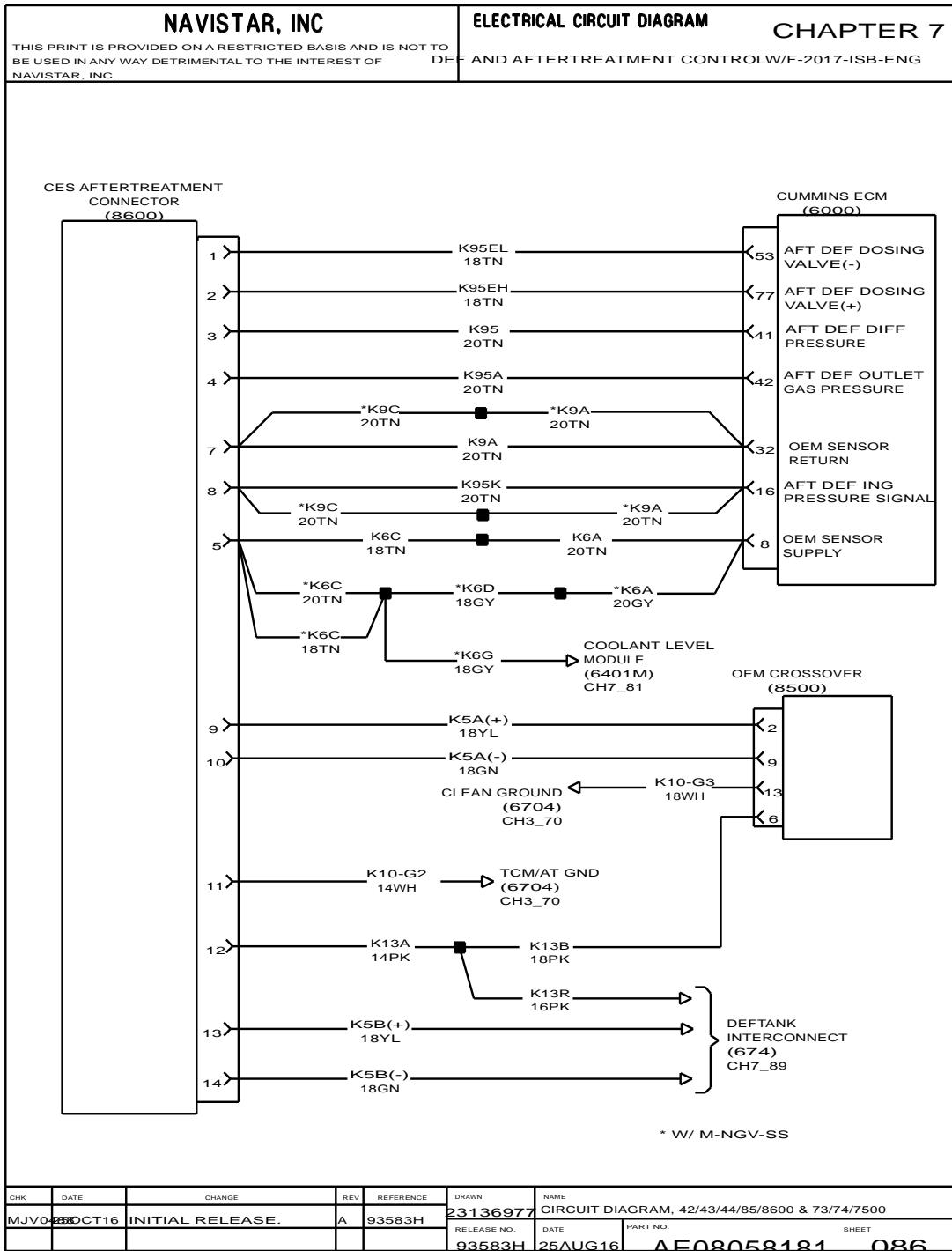


Figure 324 DEF and Aftertreatment Control with F-2017-ISB Engine

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

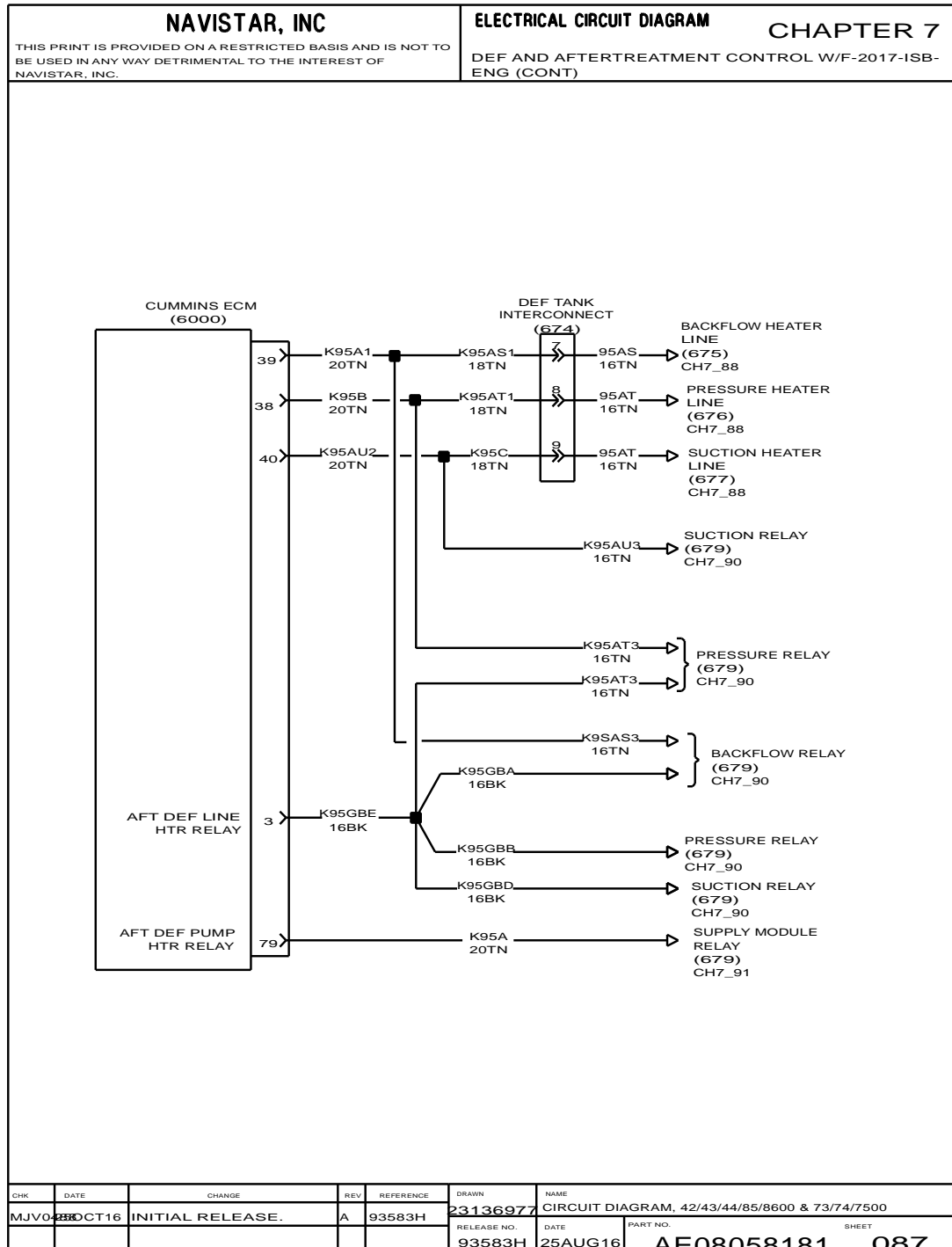


Figure 325 DEF and Aftertreatment Control with F-2017-ISB Engine (Cont.)

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

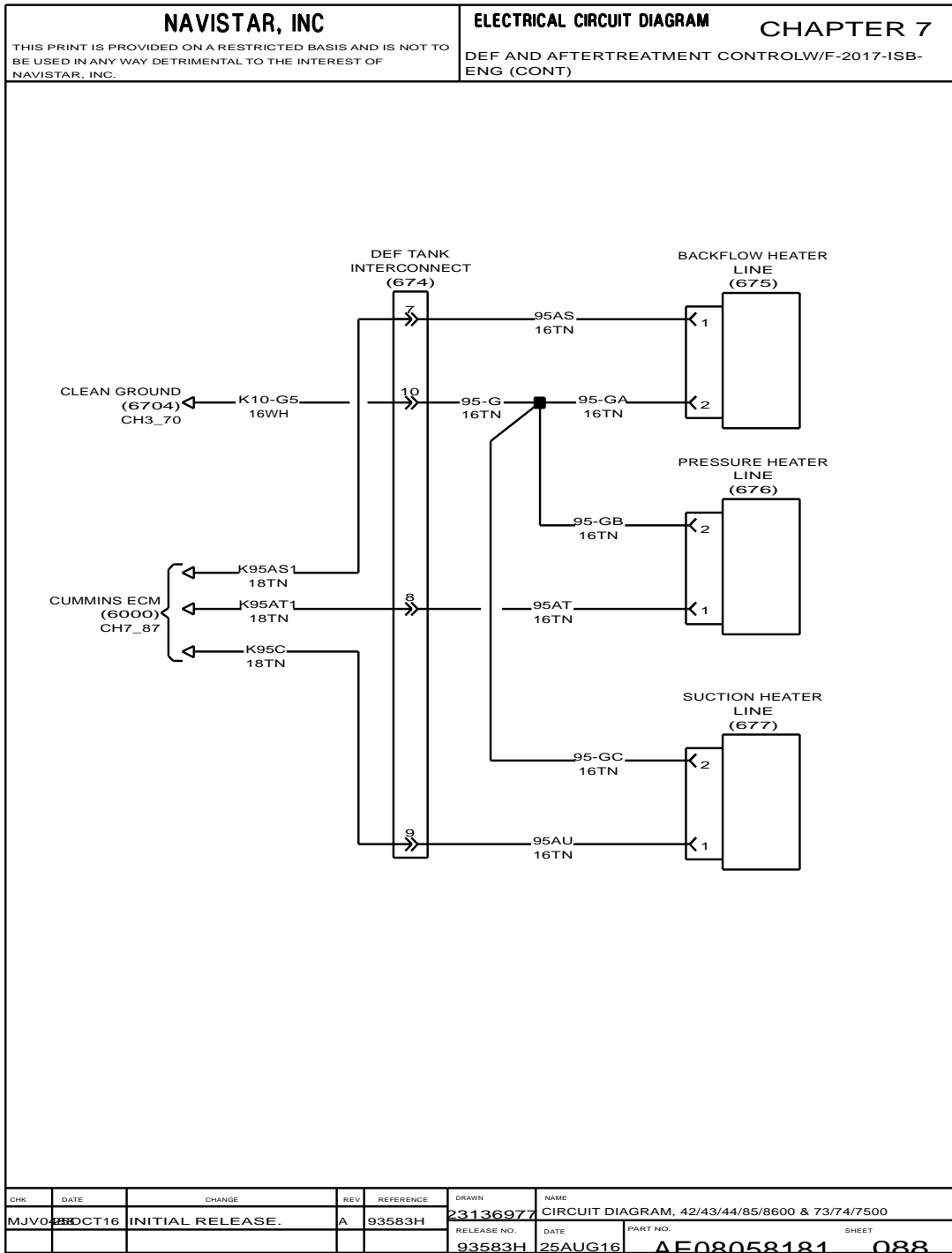


Figure 326 DEF and Aftertreatment Control with F-2017-ISB Engine (Cont.)



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

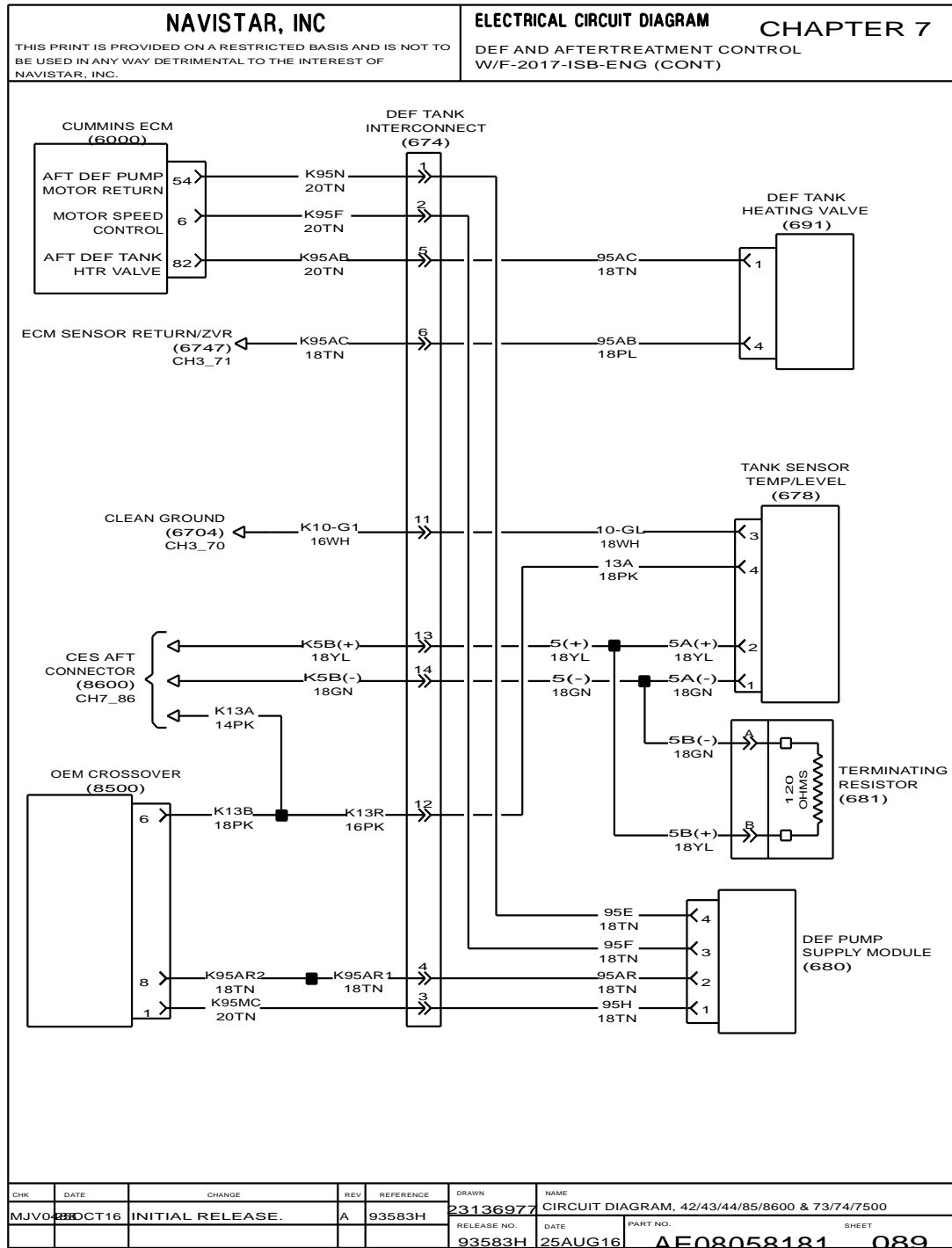


Figure 327 DEF and Aftertreatment Control with F-2017-ISB Engine (Cont.)

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

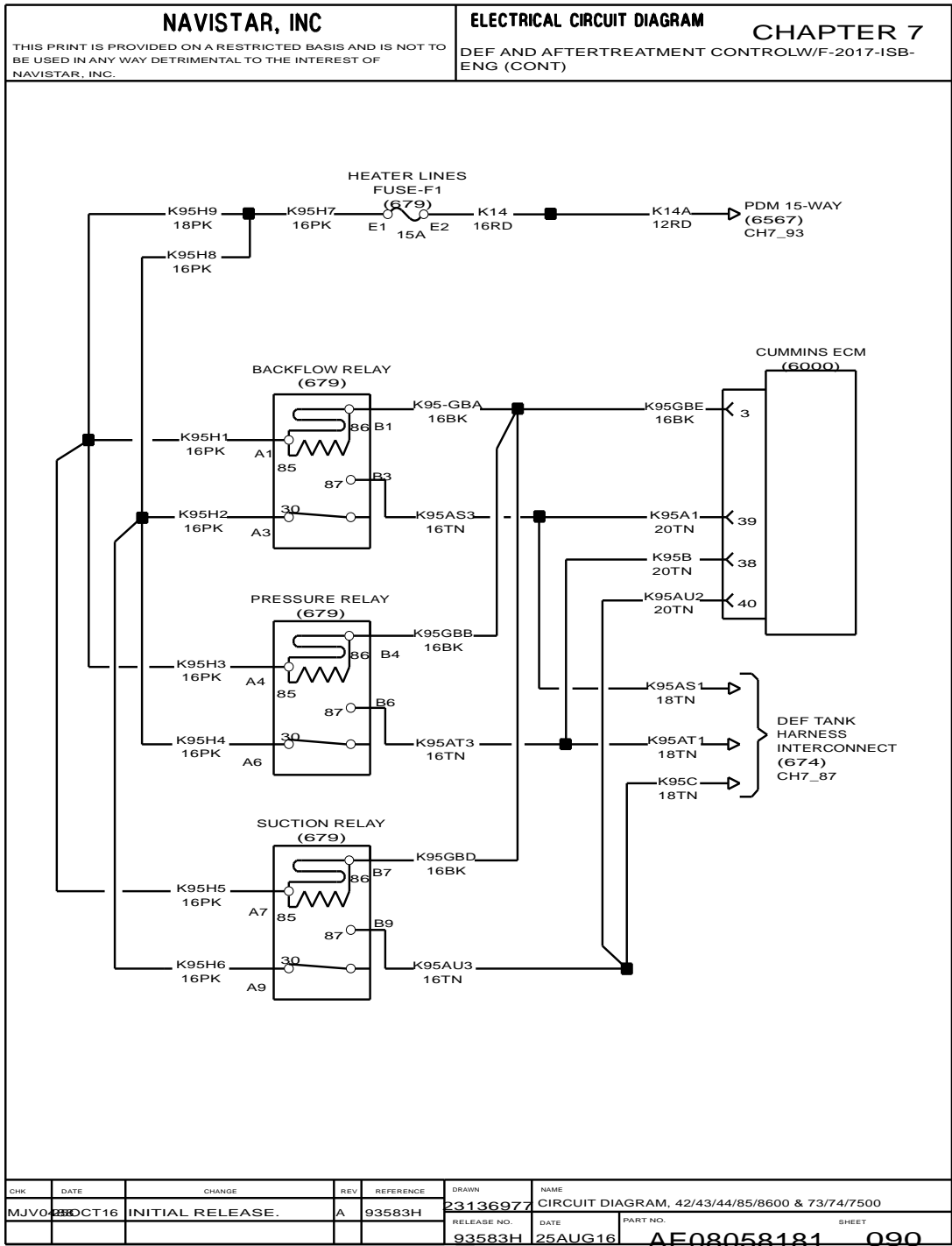


Figure 328 DEF and Aftertreatment Control with F-2017-ISB Engine (Cont.)

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

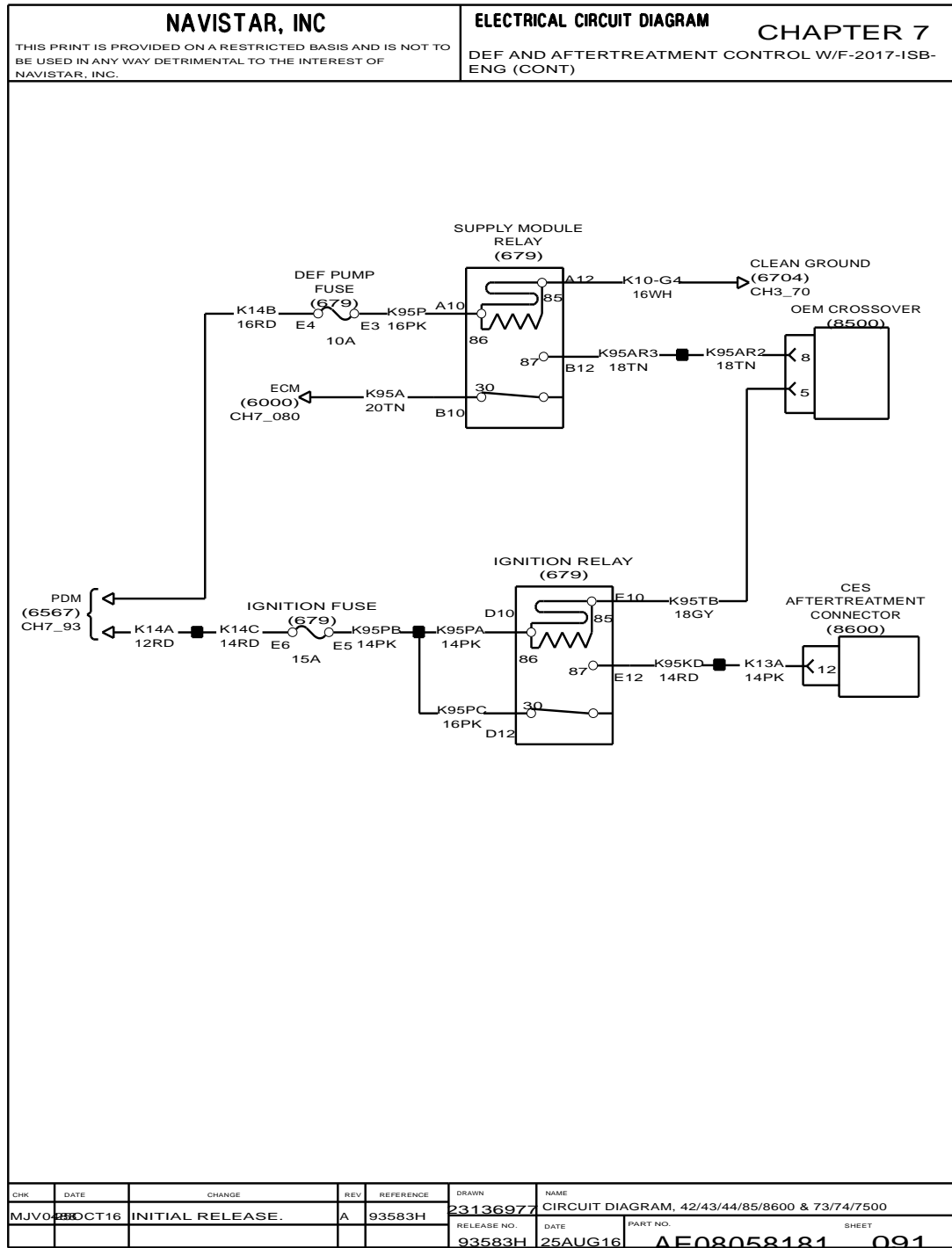


Figure 329 DEF and Aftertreatment Control with F-2017-ISB Engine (Cont.)

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

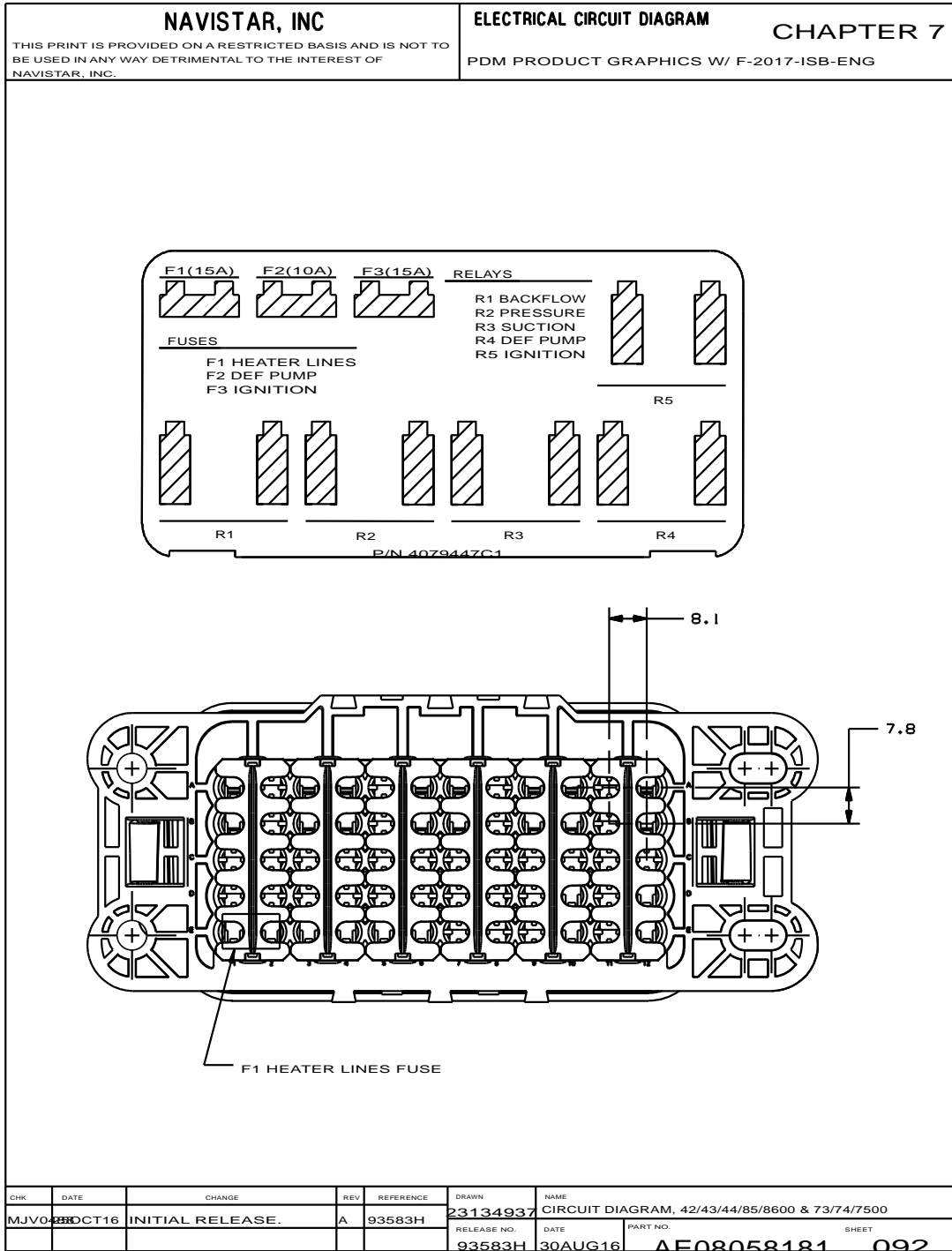


Figure 330 PDM Product Graphics with F-2017-ISB Engine

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

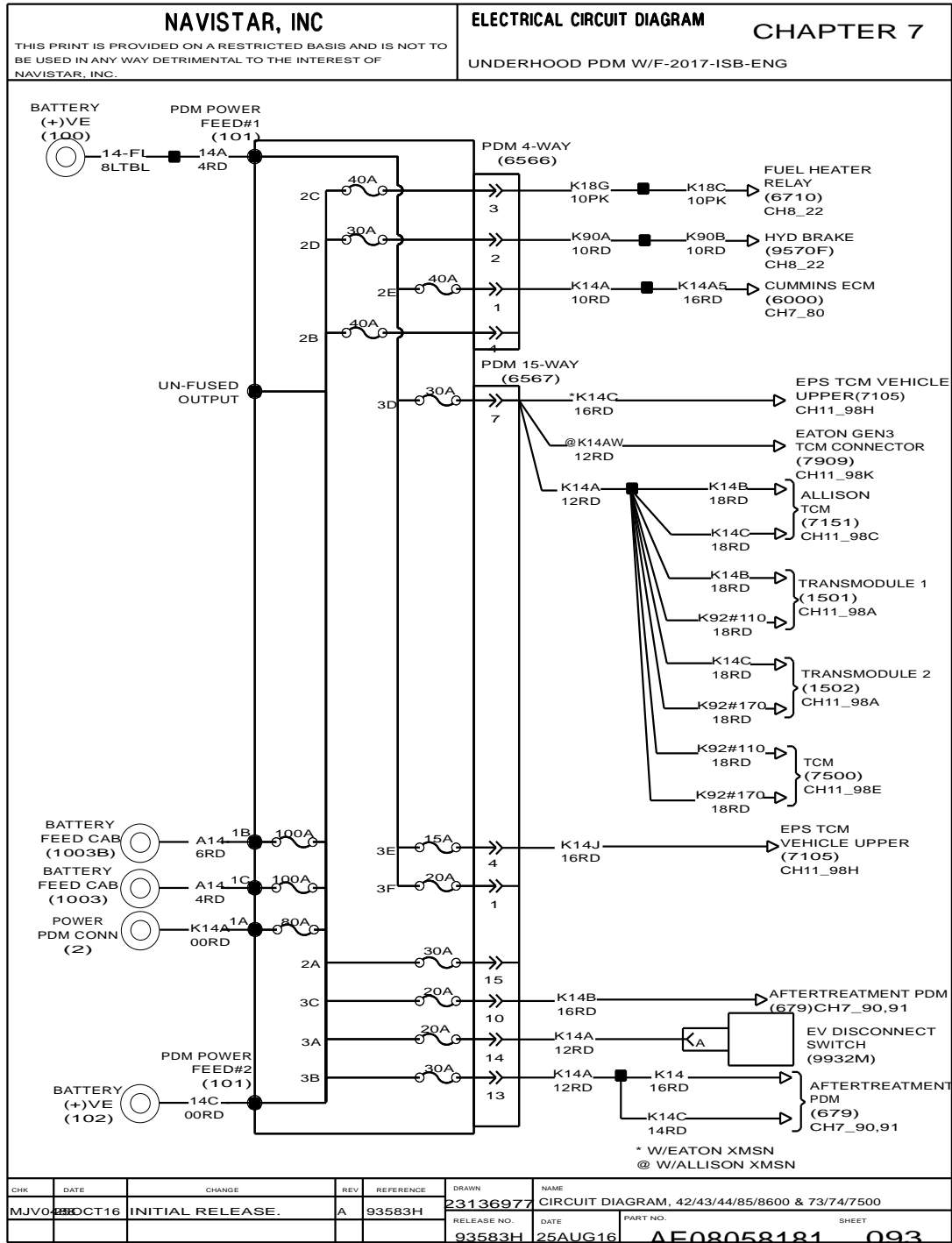


Figure 331 Underhood PDM with F-2017-ISB Engine

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

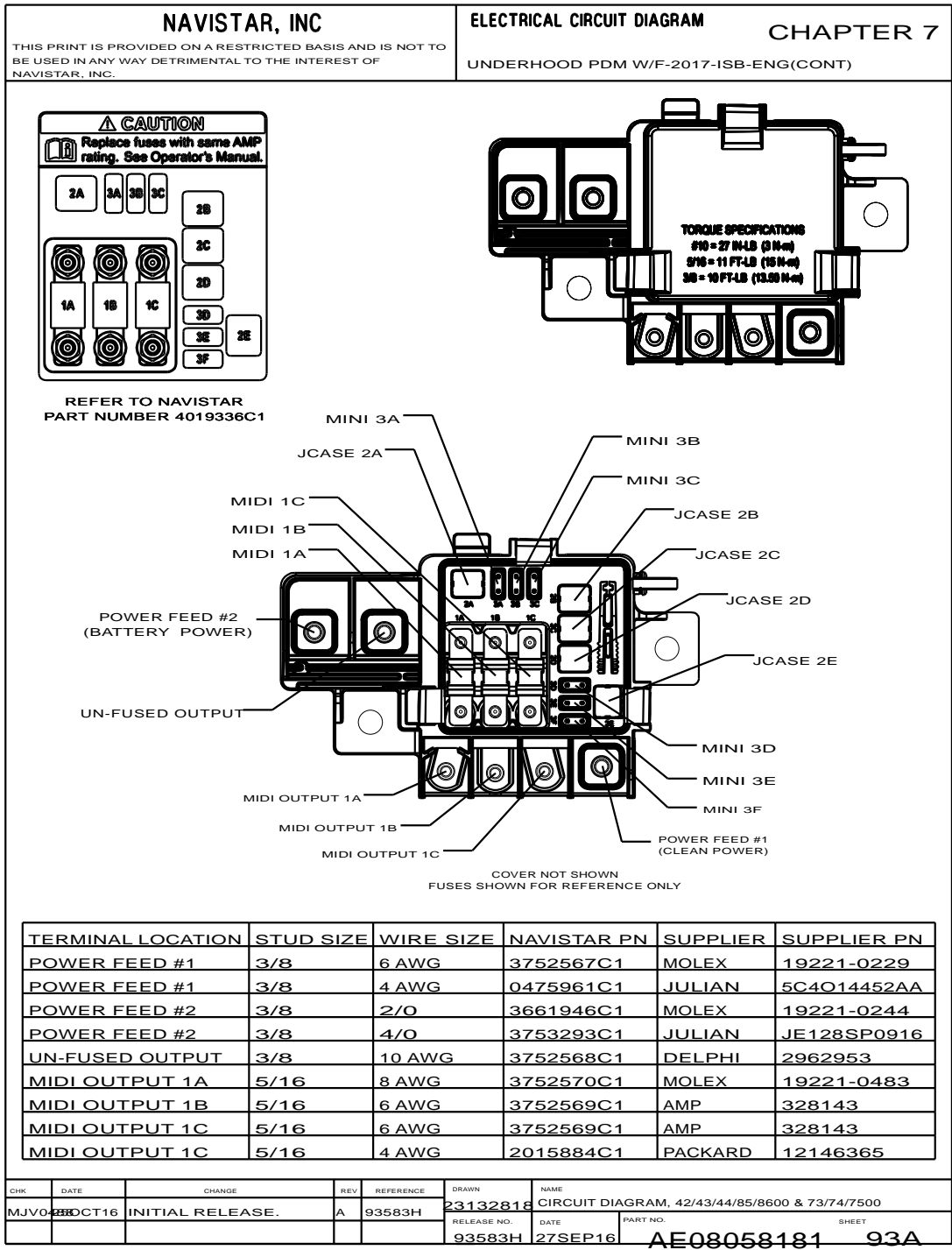


Figure 332 Underhood PDM with F-2017-ISB Engine (Cont.)

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

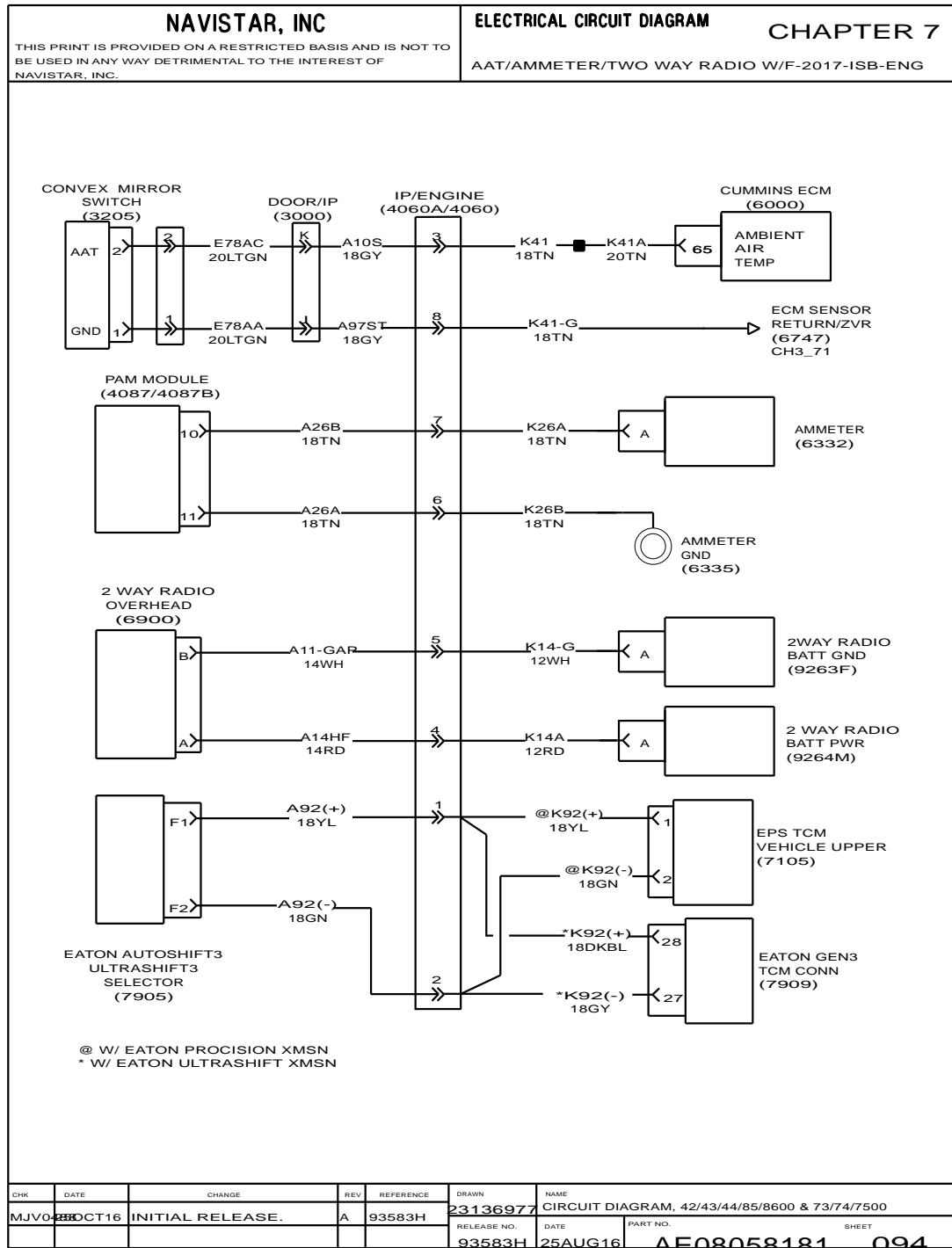


Figure 333 AAT / Ammeter / Two-Way Radio with F-2017-ISB Engine

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

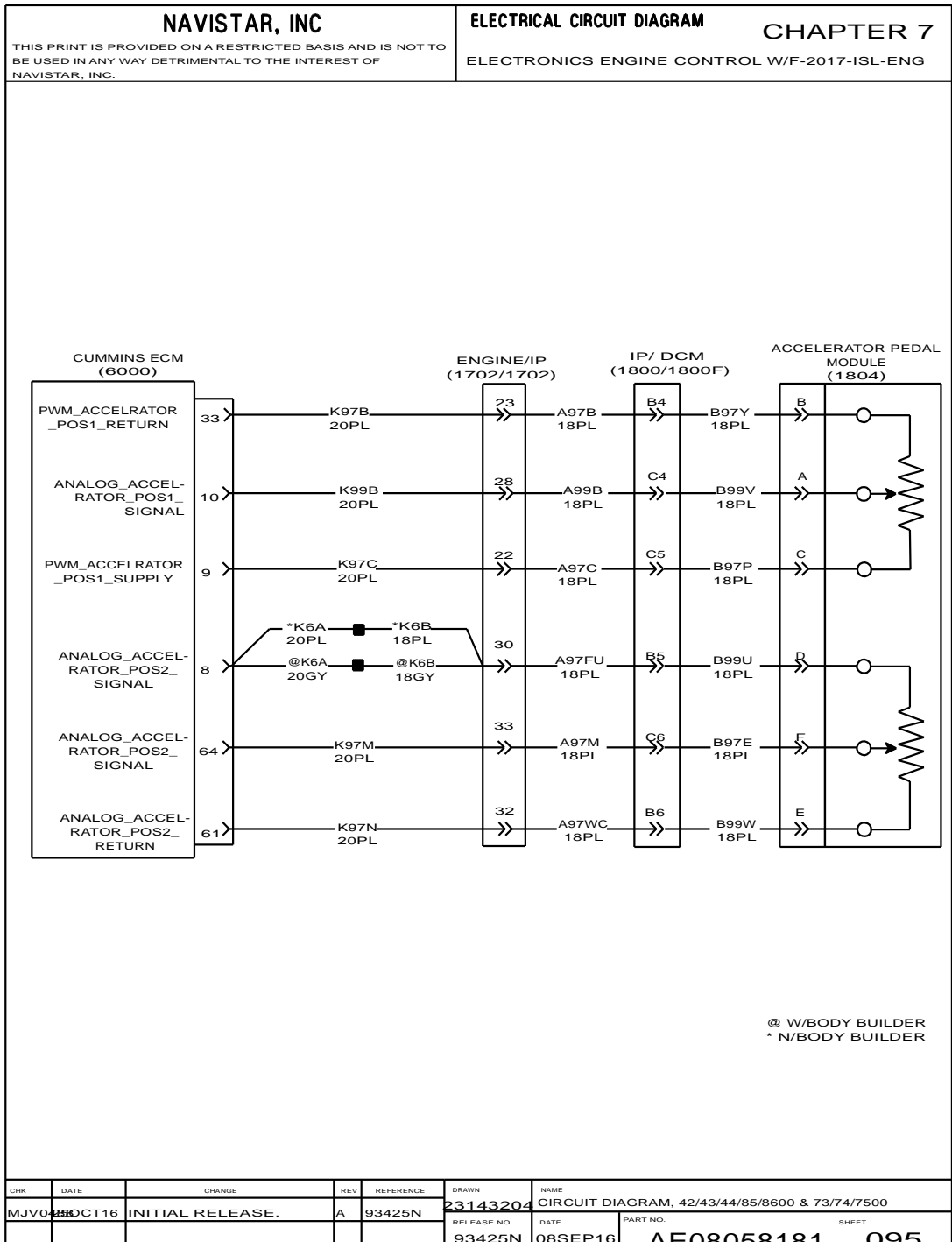


Figure 334 Electronics Engine Control with F-2017-ISL Engine



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

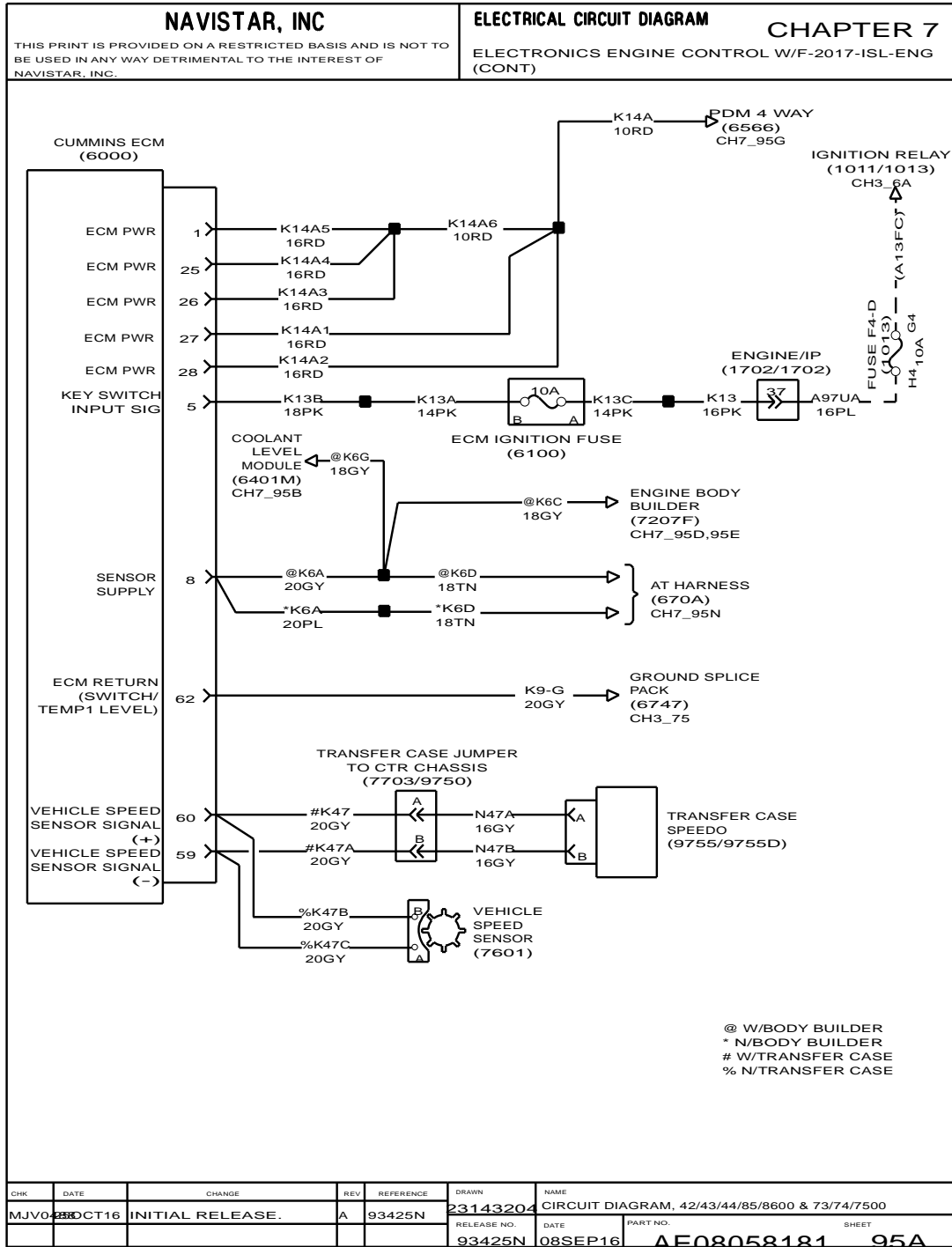


Figure 335 Electronics Engine Control with F-2017-ISL Engine (Cont.)

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

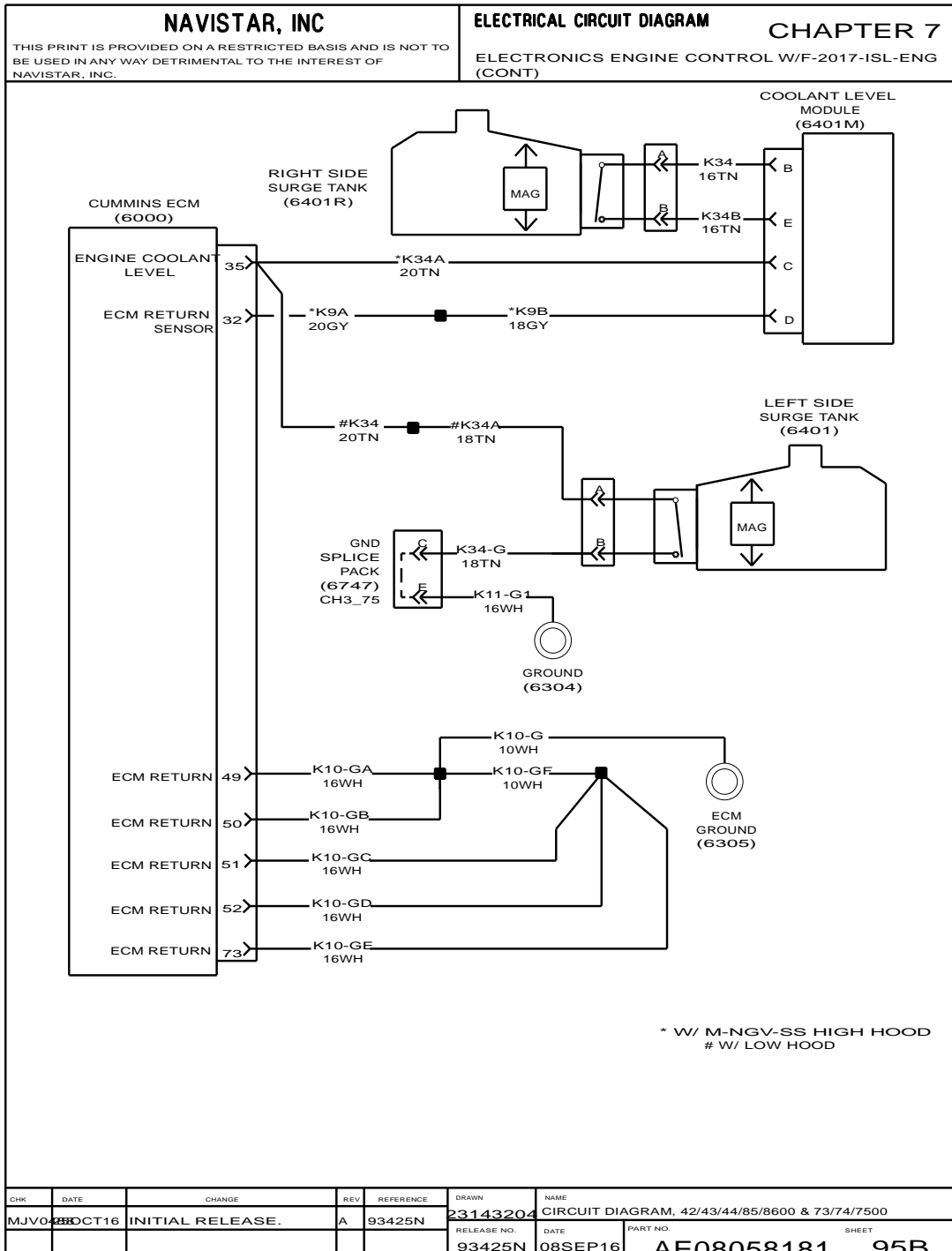


Figure 336 Electronics Engine Control with F-2017-ISL Engine (Cont.)

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

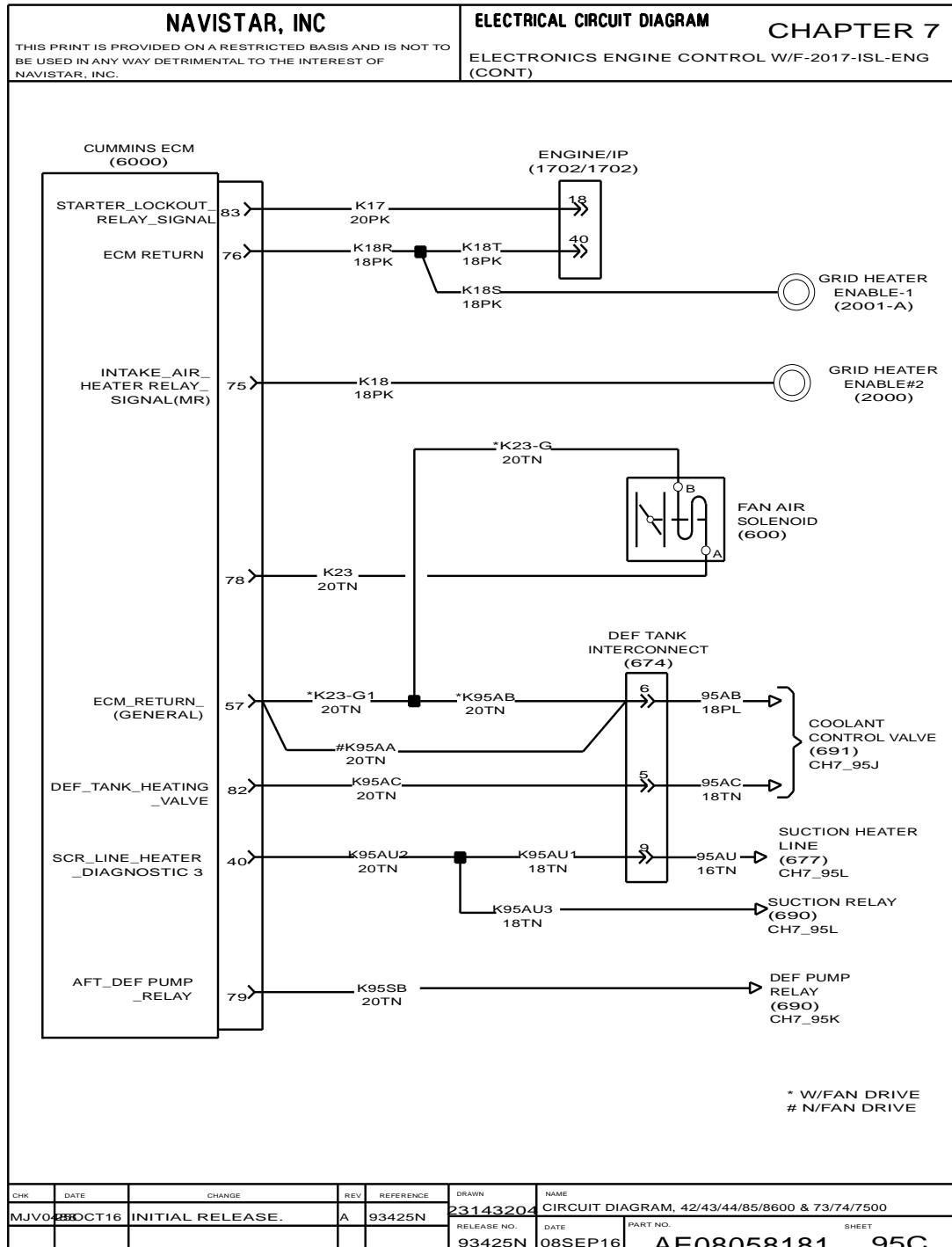


Figure 337 Electronics Engine Control with F-2017-ISL Engine (Cont.)

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

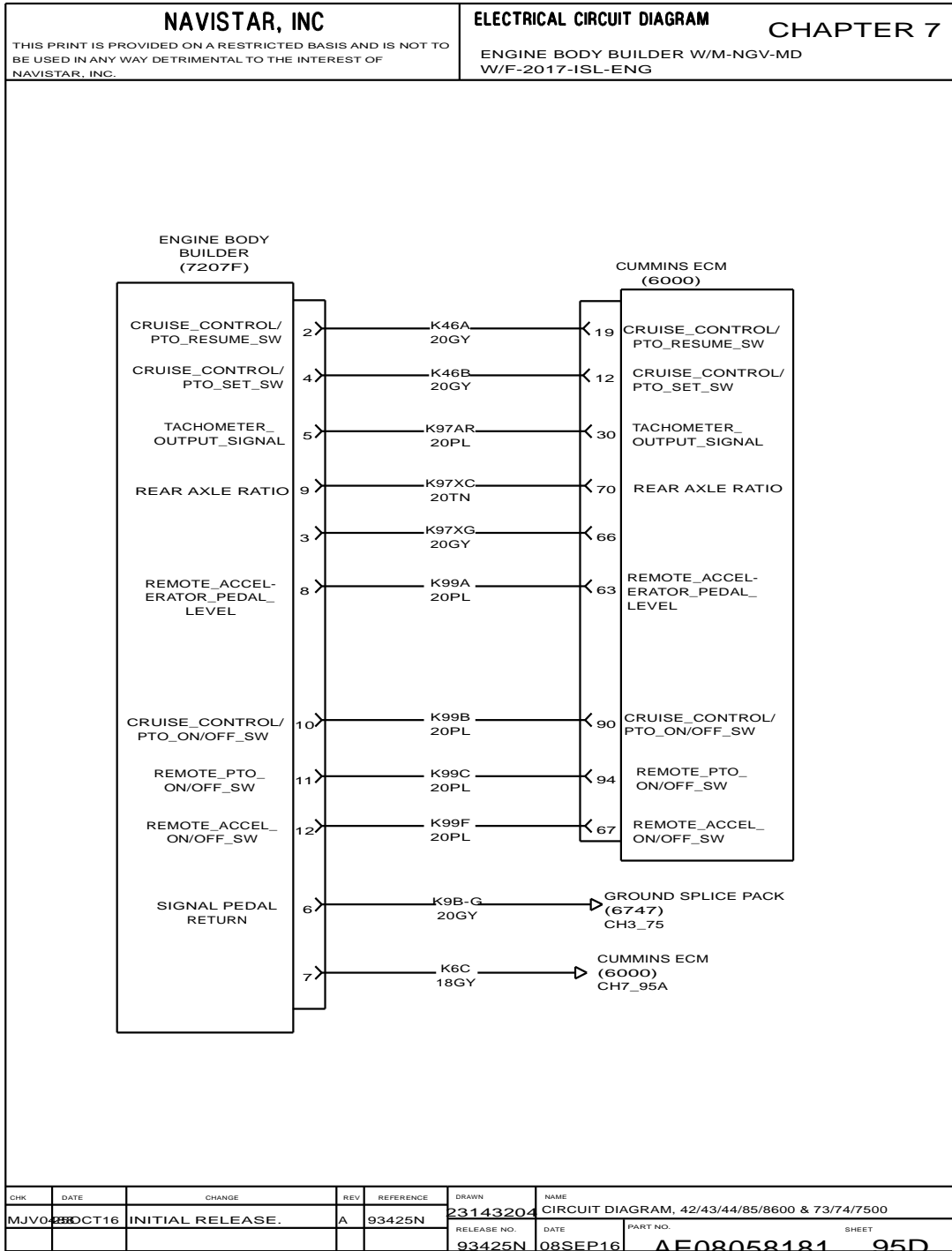


Figure 338 Engine Body Builder with M-NGV-MD with F-2017-ISL Engine

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

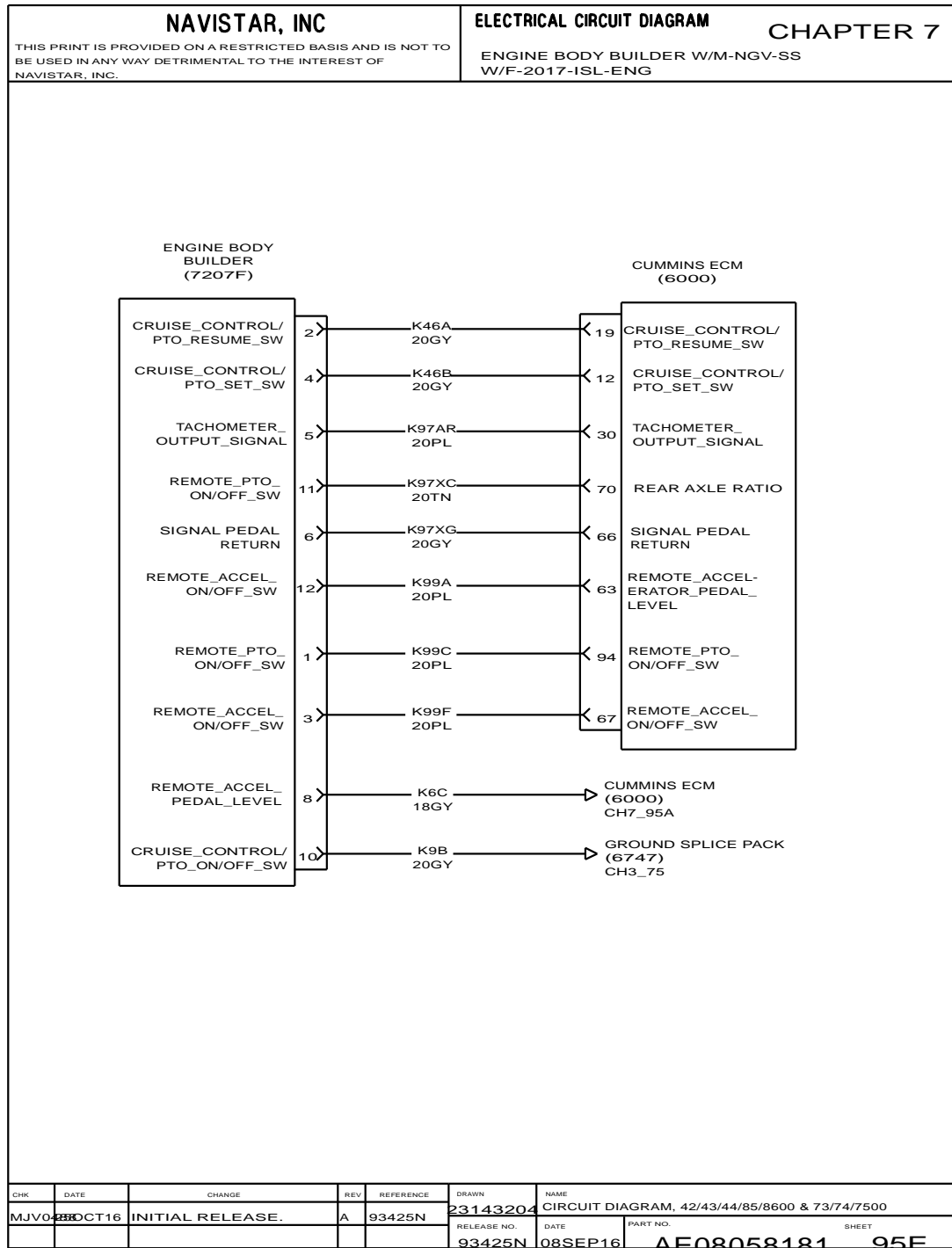


Figure 339 Engine Body Builder with M-NGV-SS with F-2017-ISL Engine

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

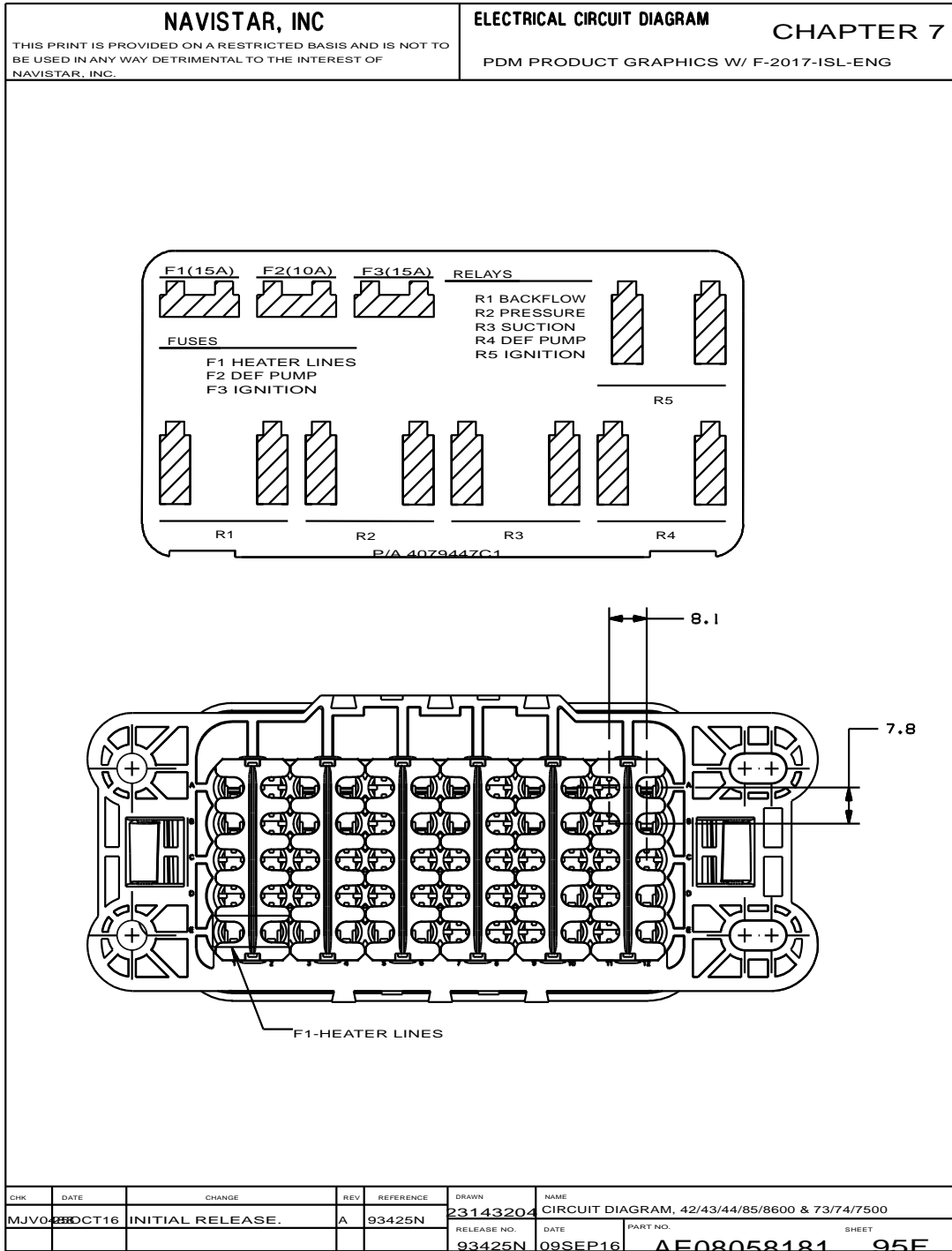


Figure 340 PDM Product Graphics with F-2017-ISL Engine

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

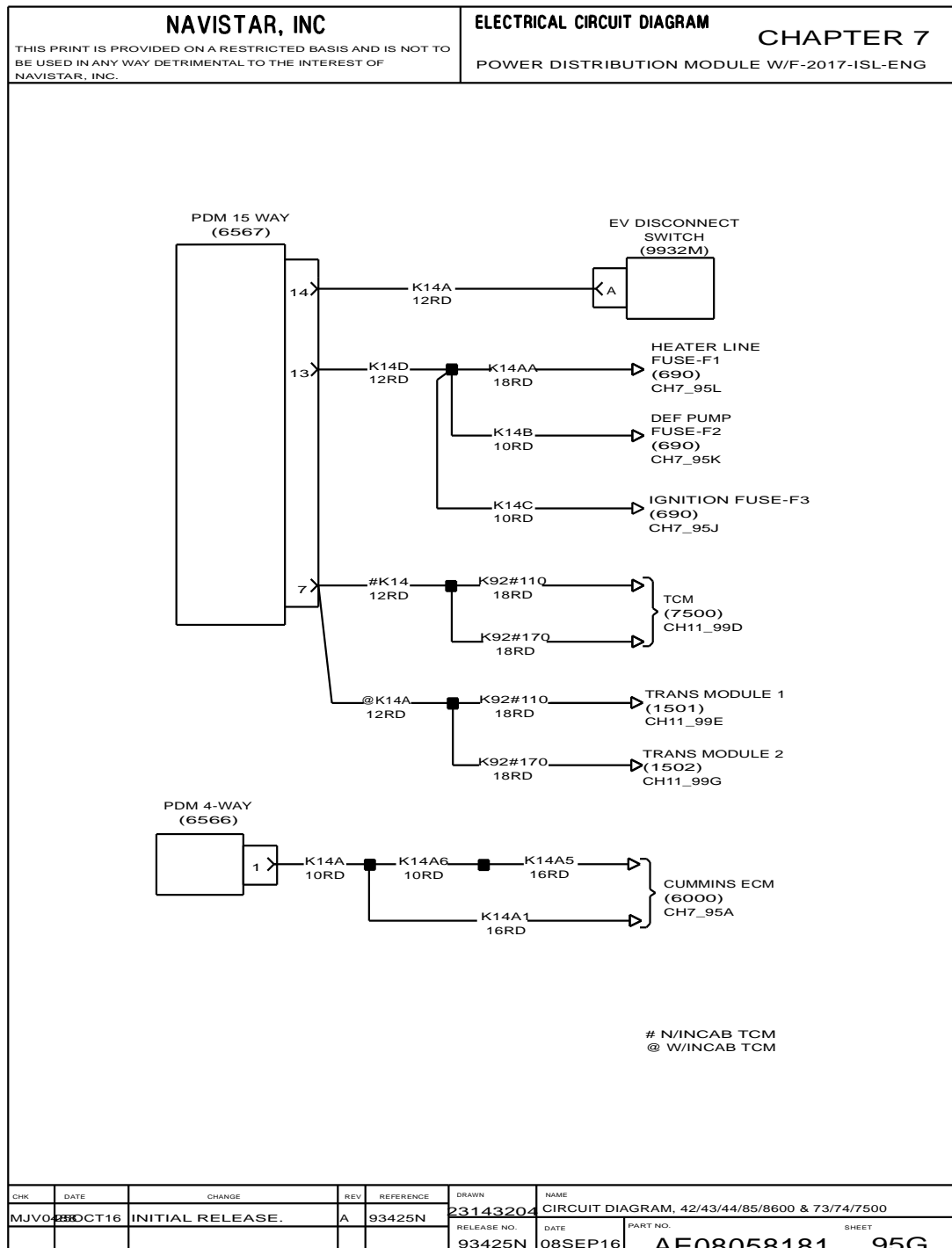


Figure 341 Power Distribution Module (PDM) with F-2017-ISL Engine

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

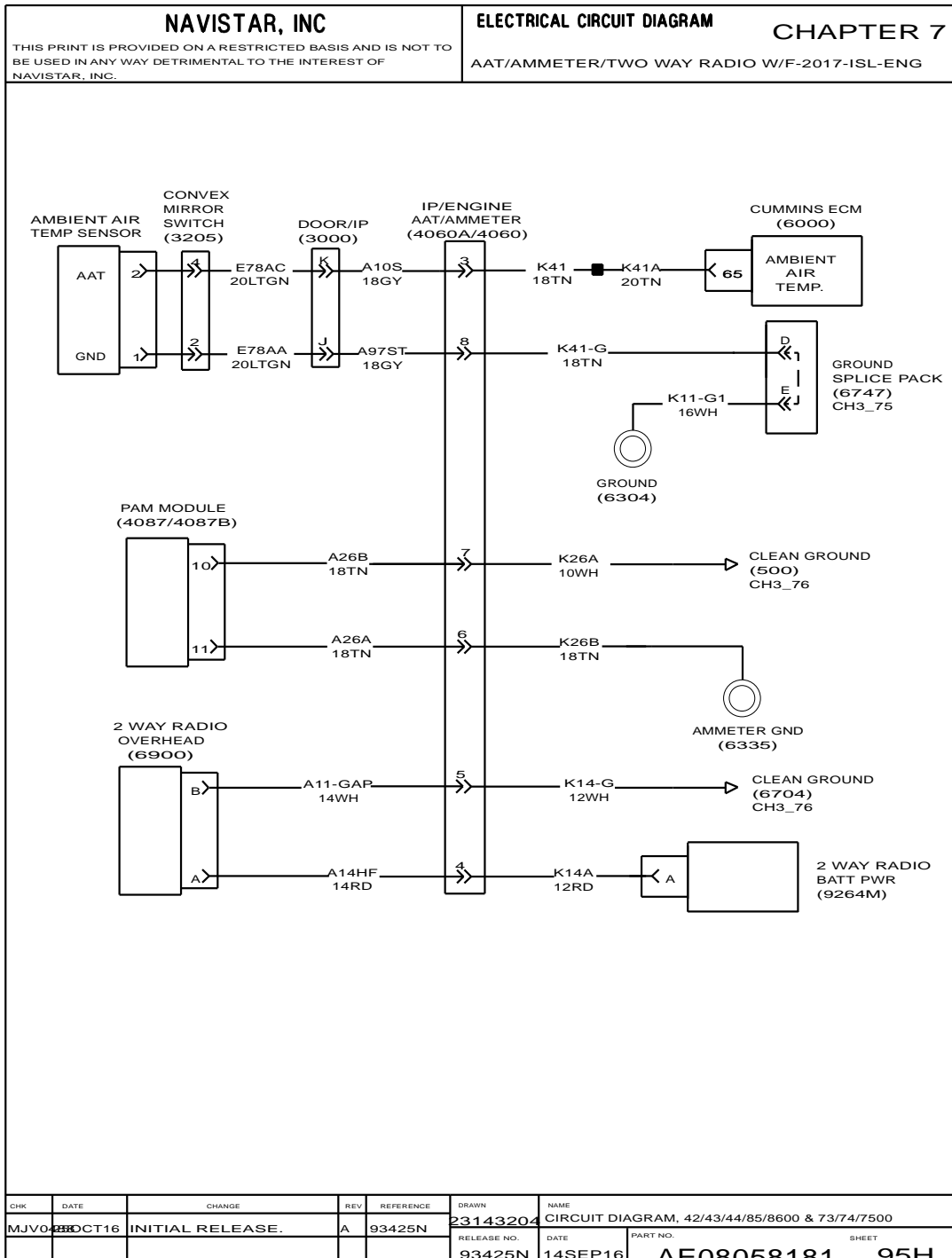


Figure 342 AAT / Ammeter / Two-Way Radio with F-2017-ISL Engine



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

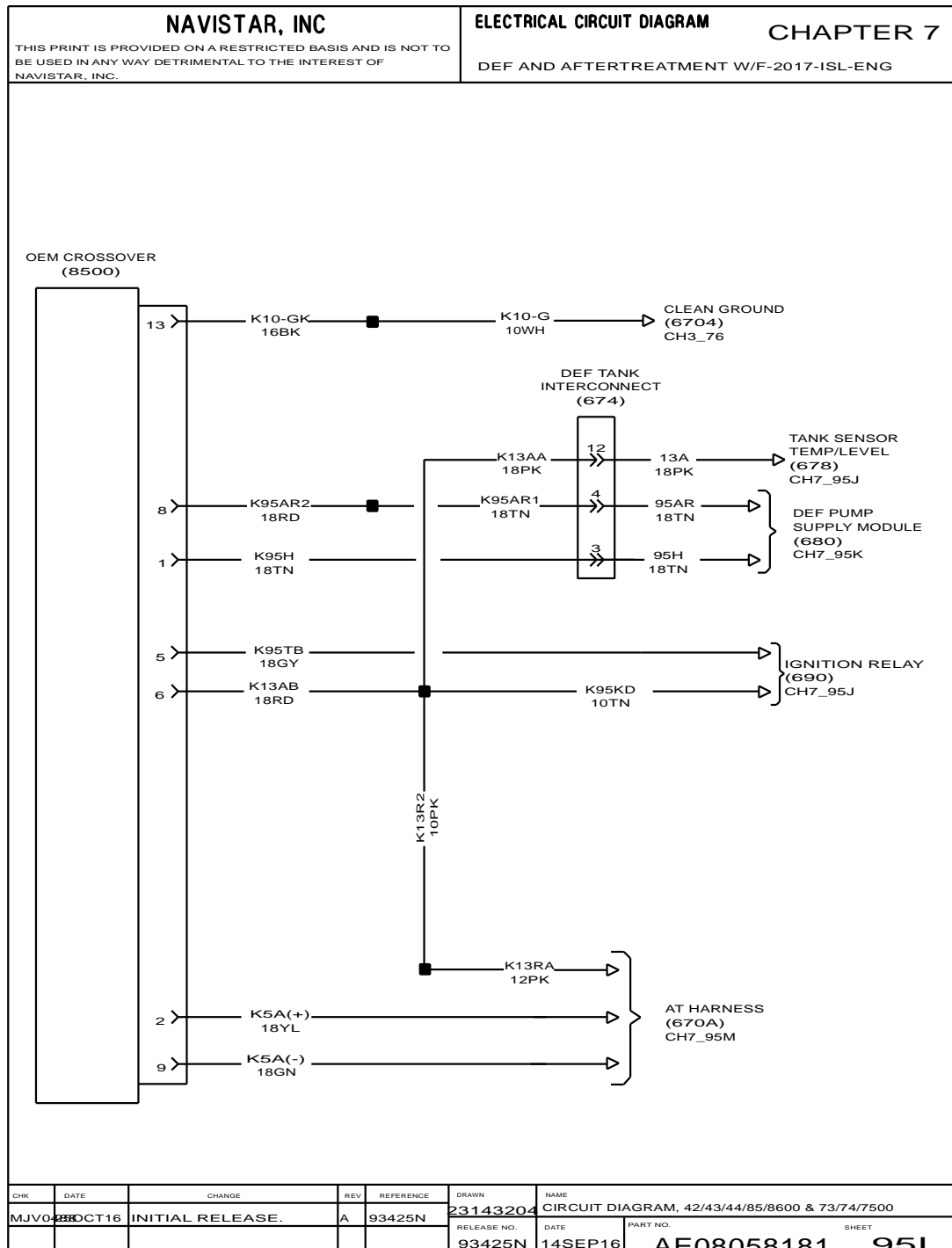


Figure 343 Diesel Exhaust Fluid (DEF) and Aftertreatment with F-2017-ISL Engine

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

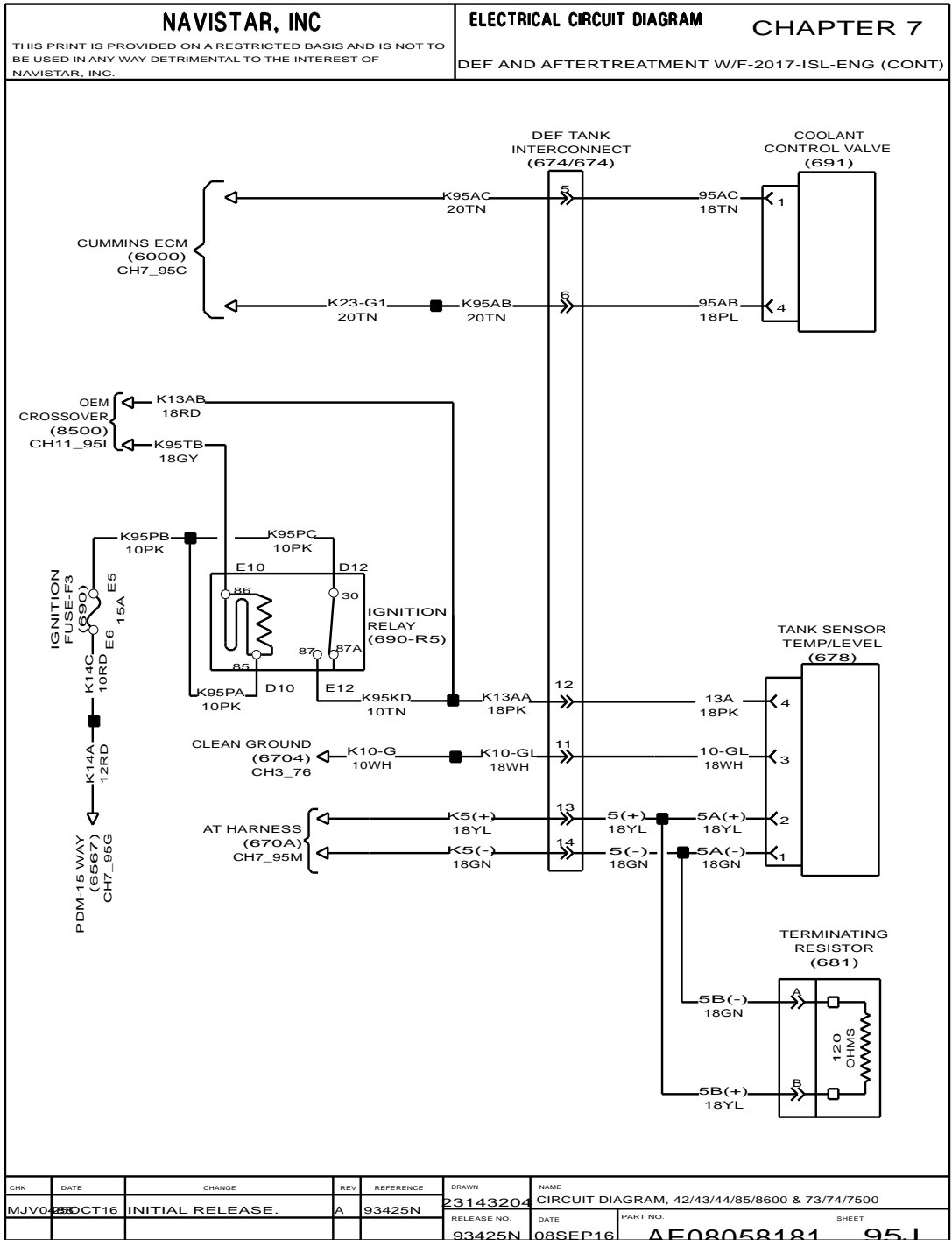


Figure 344 DEF and Aftertreatment with F-2017-ISL Engine (Cont.)

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

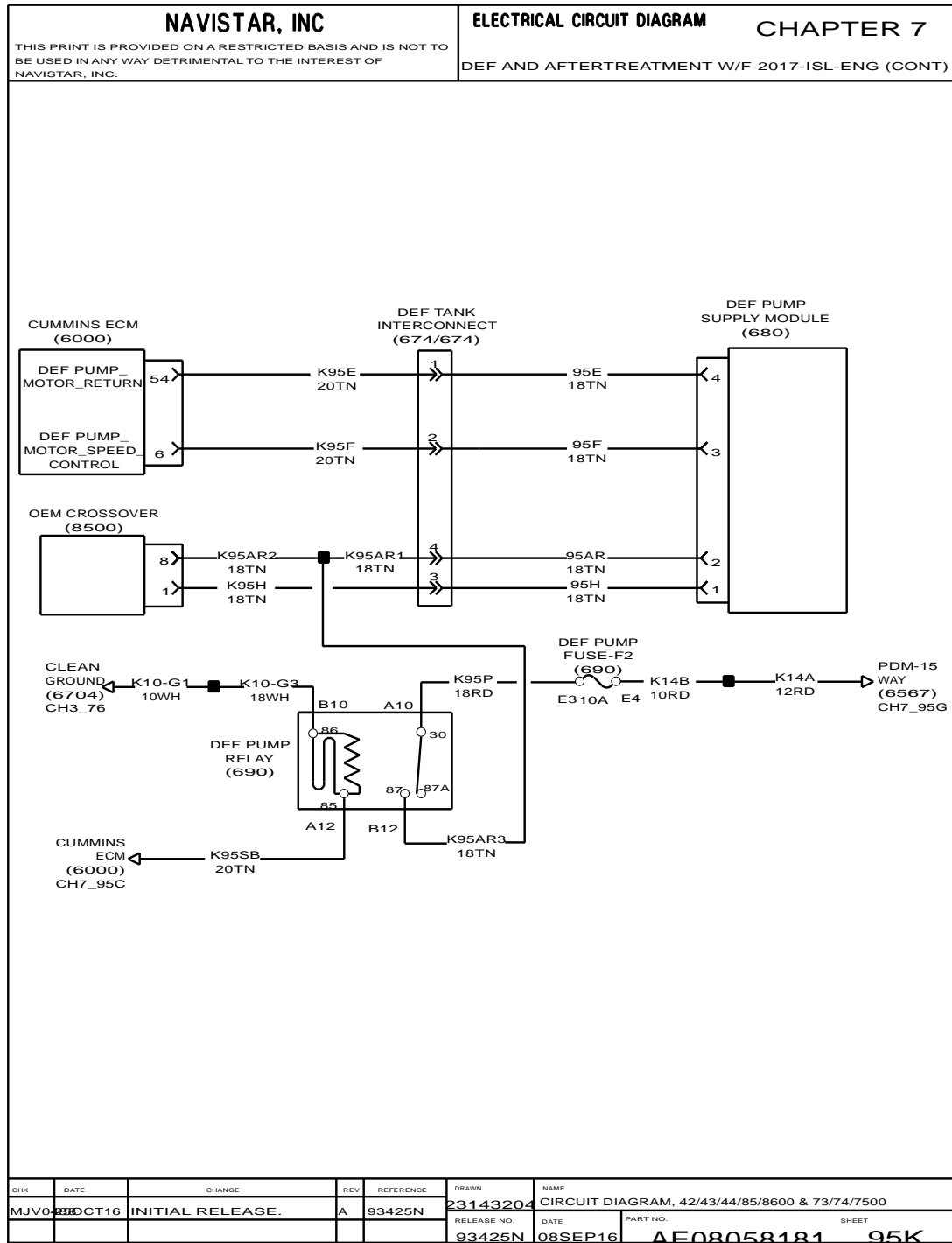


Figure 345 DEF and Aftertreatment with F-2017-ISL Engine (Cont.)

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

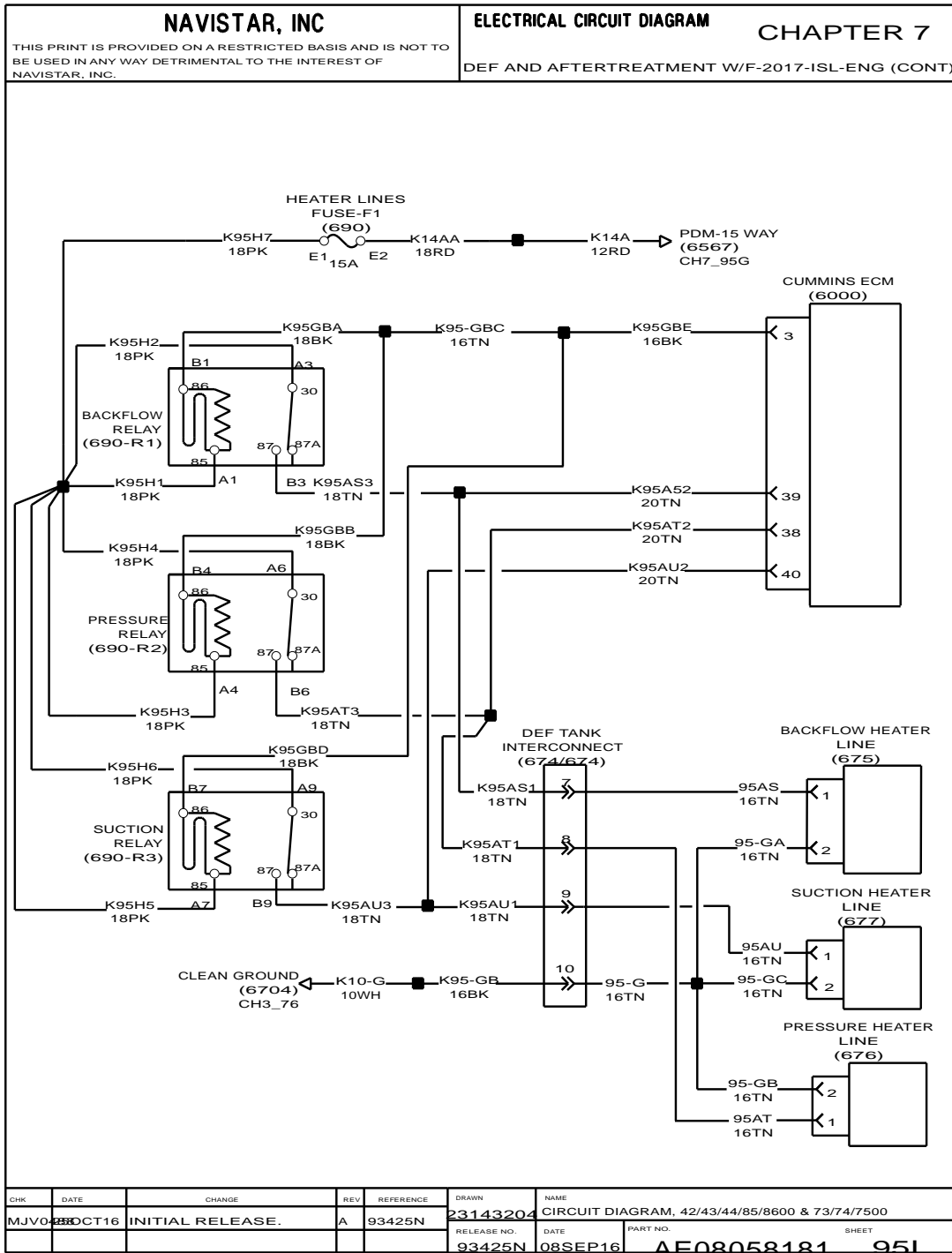


Figure 346 DEF and Aftertreatment with F-2017-ISL Engine (Cont.)

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

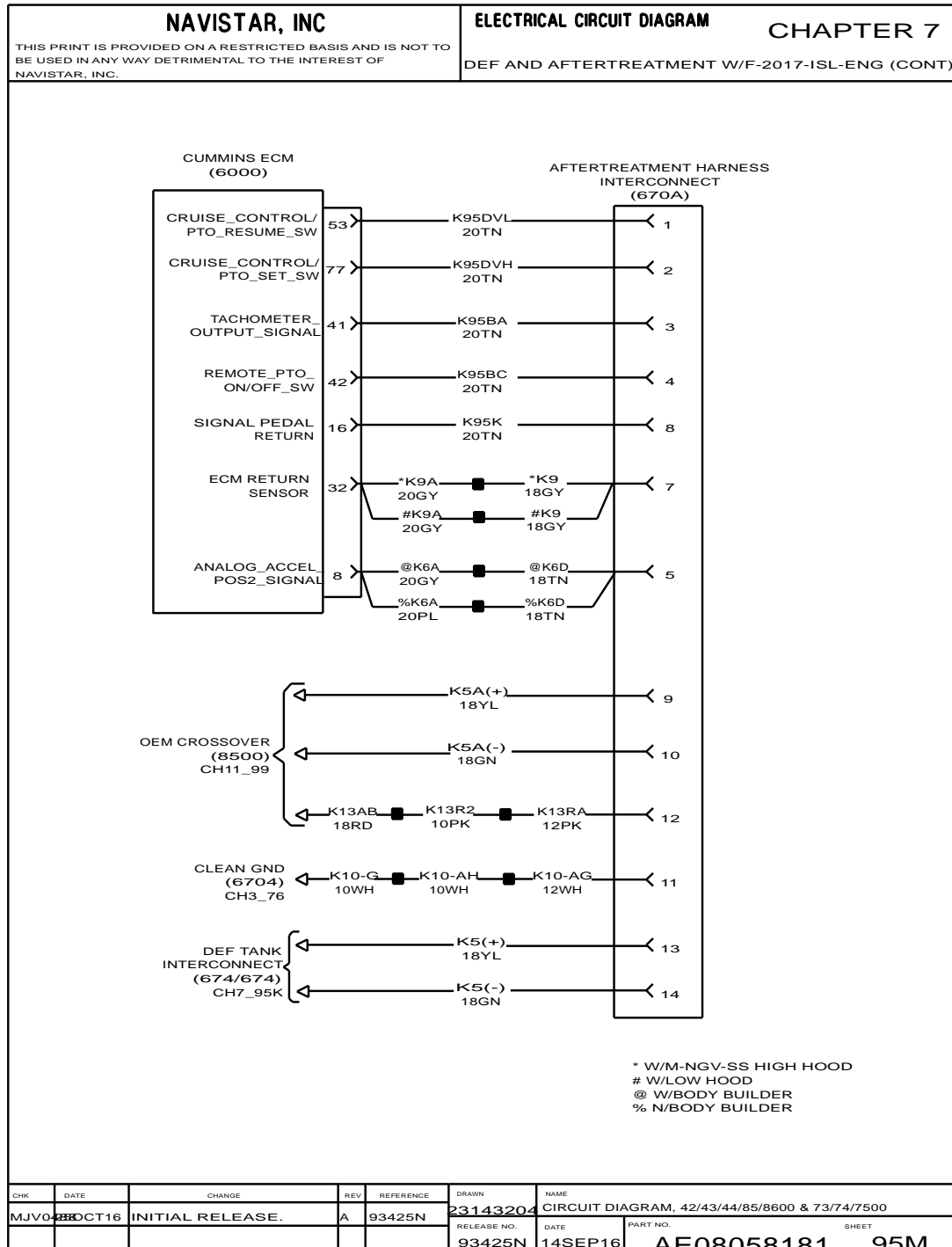


Figure 347 DEF and Aftertreatment with F-2017-ISL Engine (Cont.)

GAUGES WITH AND WITHOUT INTERNAL WARNING LIGHT (CHAPTER 8)

8.1. IP / GAUGES, P. 1

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

Figure 348 IP / Gauges

8.2. WARNING LIGHT LIST, P. 2

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

Figure 349 Warning Light List

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

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

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



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

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

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

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

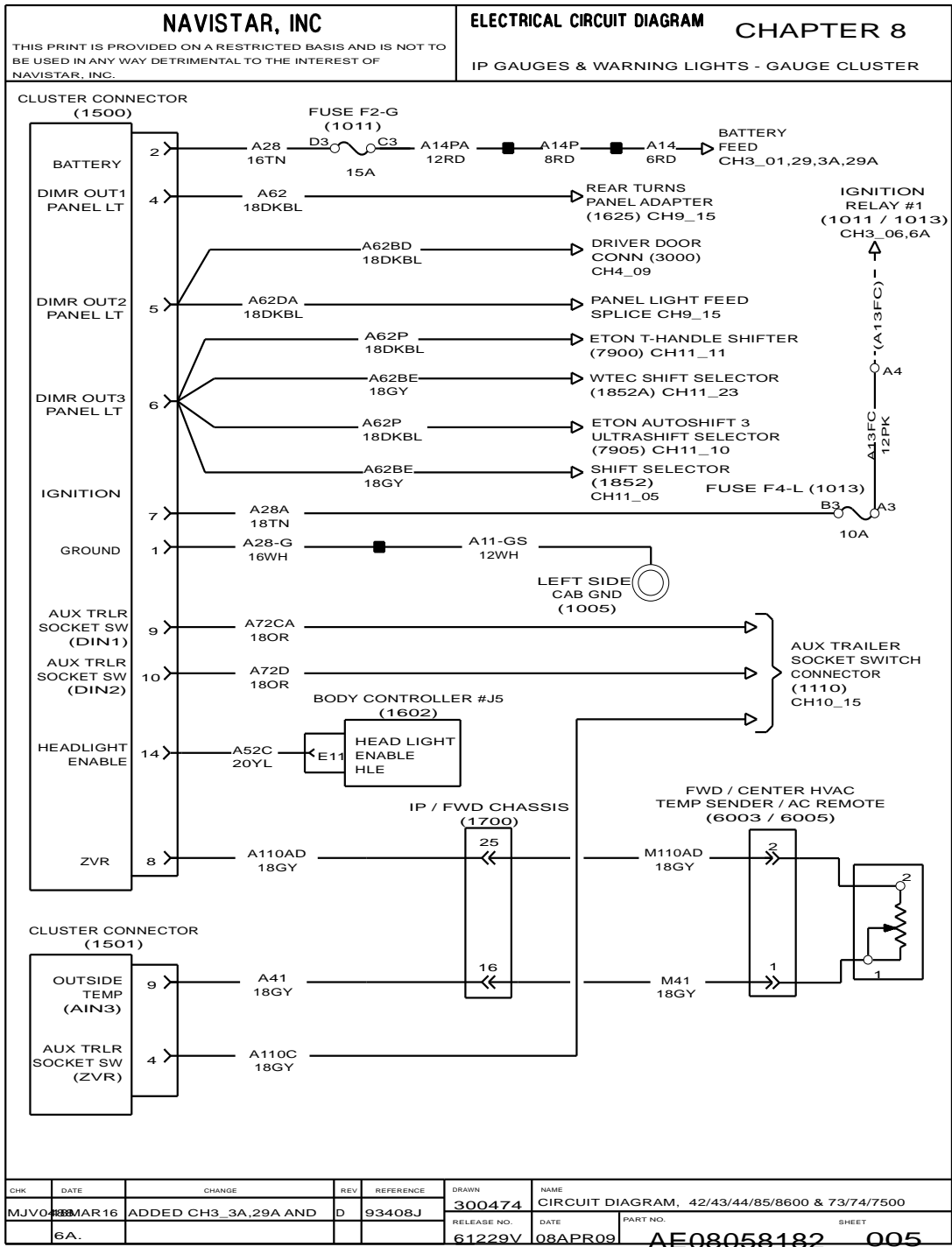


Figure 352 IP Gauges and Warning Lights — Gauge Cluster

8.6. AIR PRESSURE INPUT CIRCUIT, P. 6

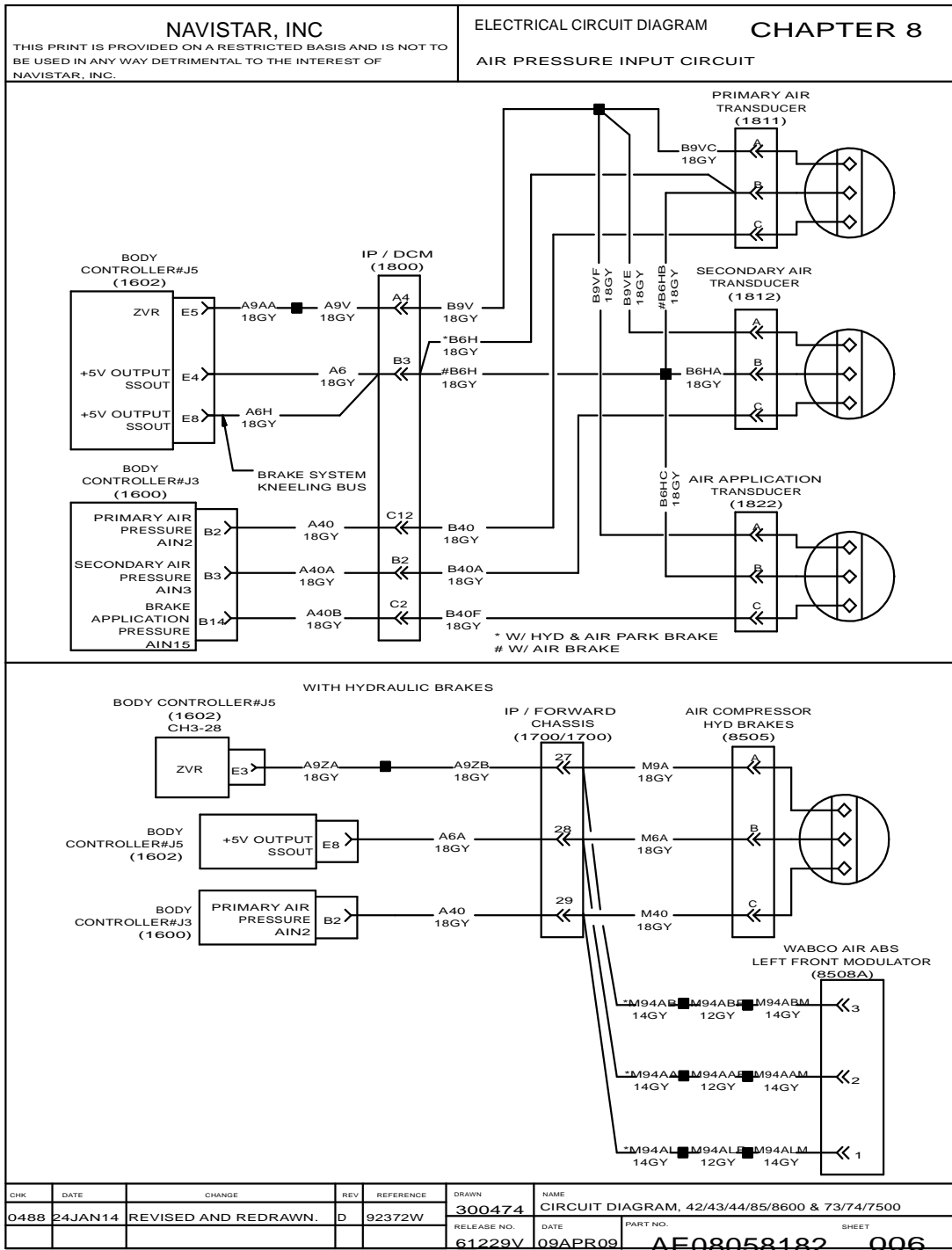


Figure 353 Air Pressure Input Circuit

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

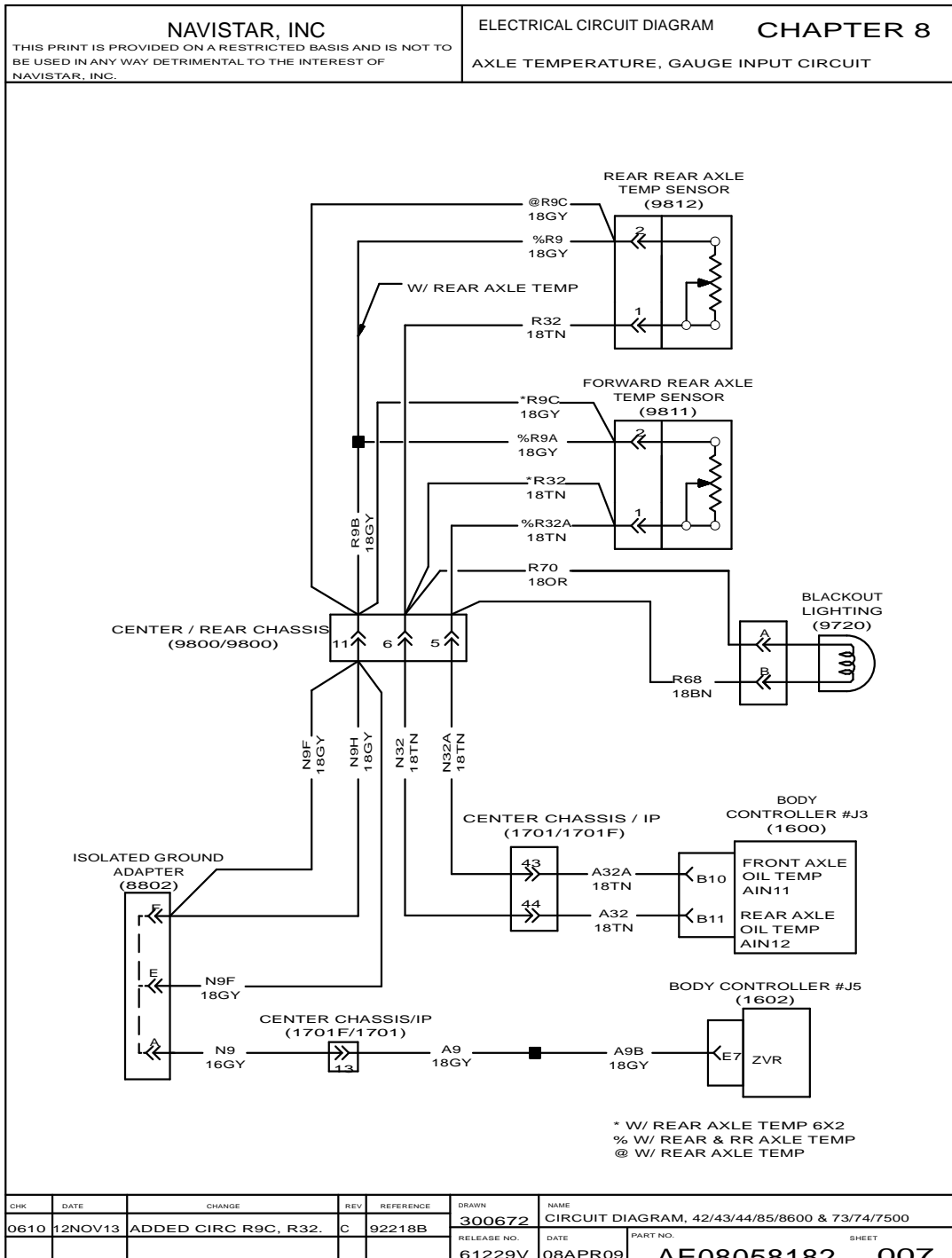


Figure 354 Axle Temperature, Gauge Input Circuit

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

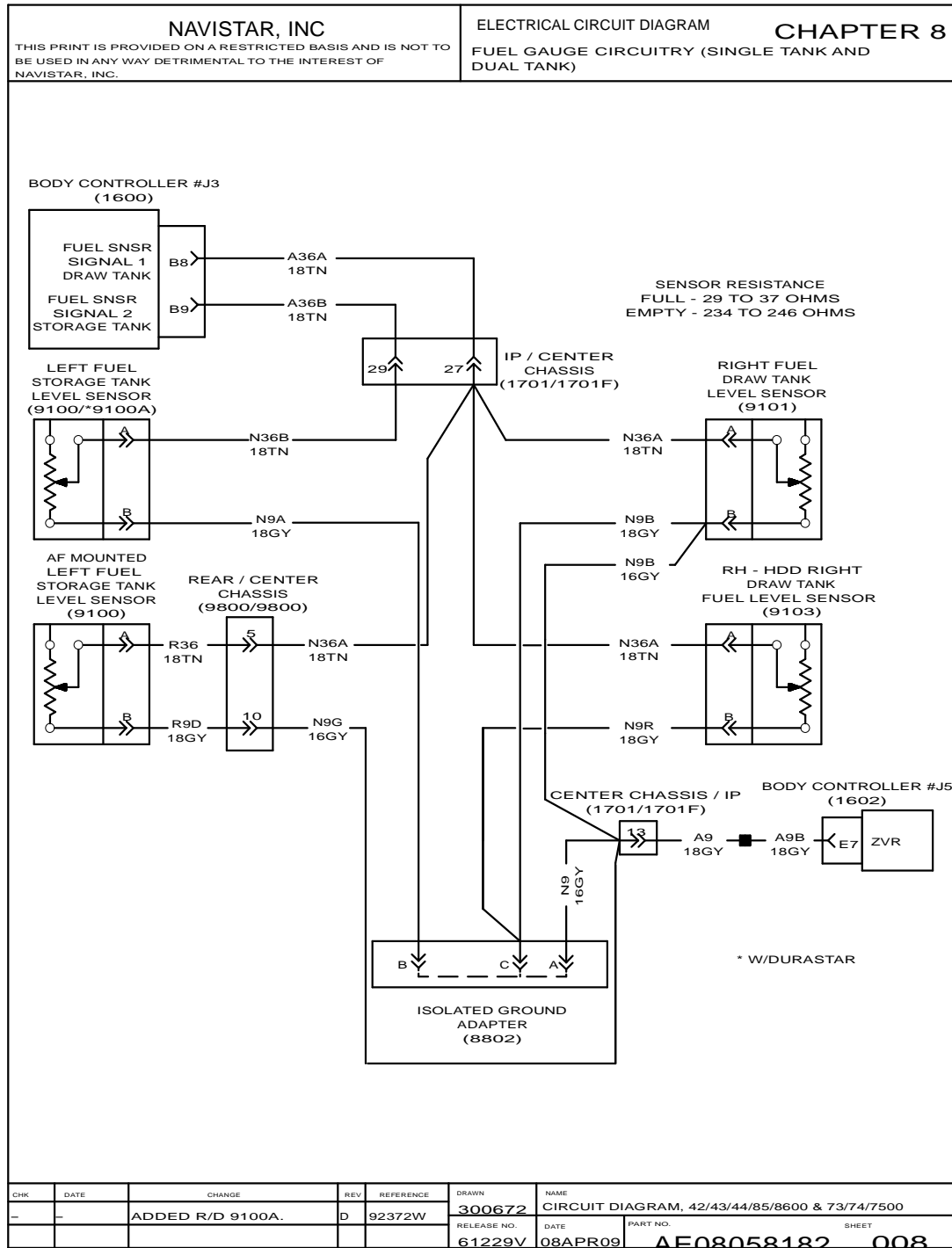


Figure 355 Fuel Gauge Circuitry (Single Tank and Dual Tank)

8.9. FUEL GAUGE CIRCUITRY, P. 8A

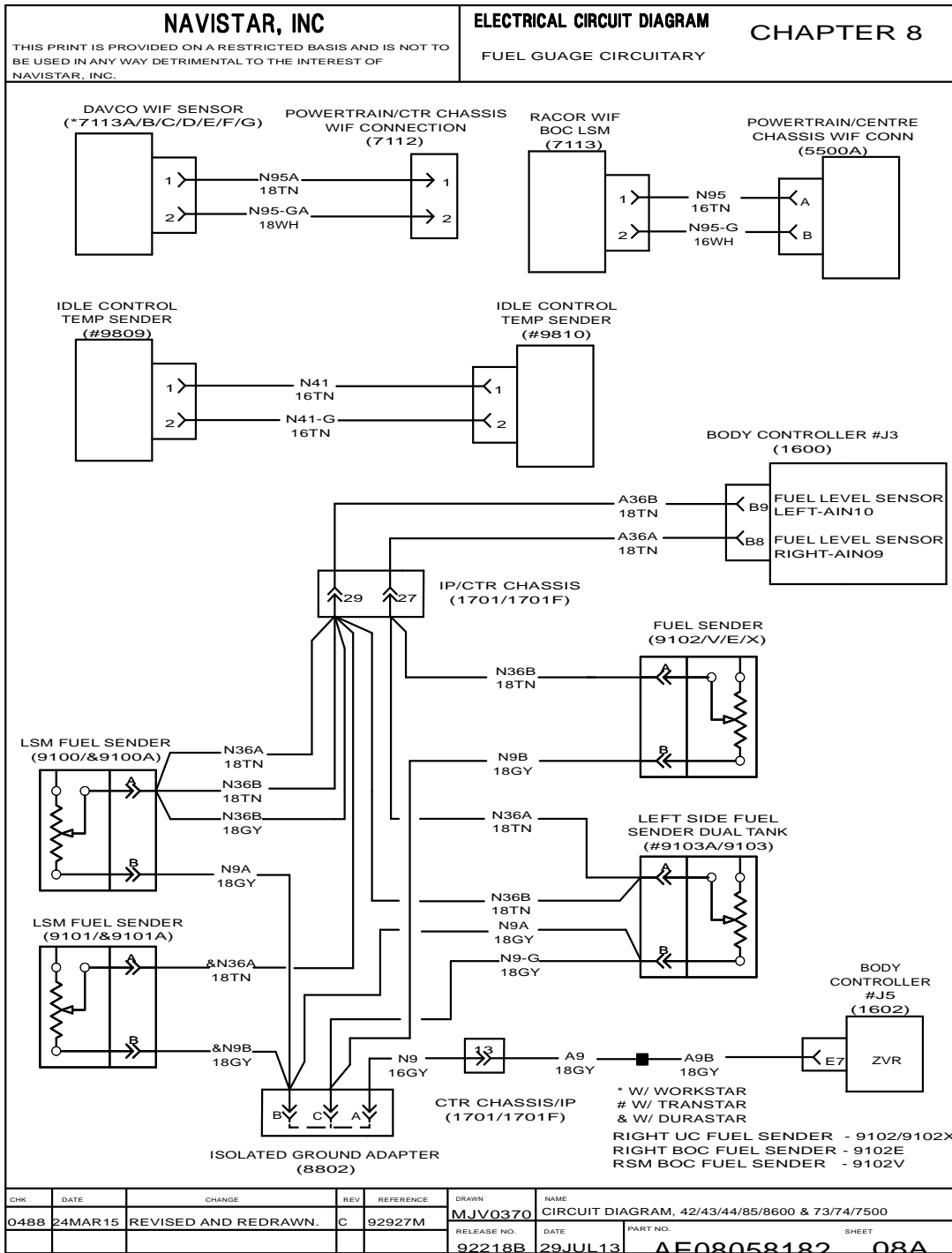


Figure 356 Fuel Gauge Circuitry

8.10. DIFFERENTIAL LOCK WARNING LAMPS, P. 9

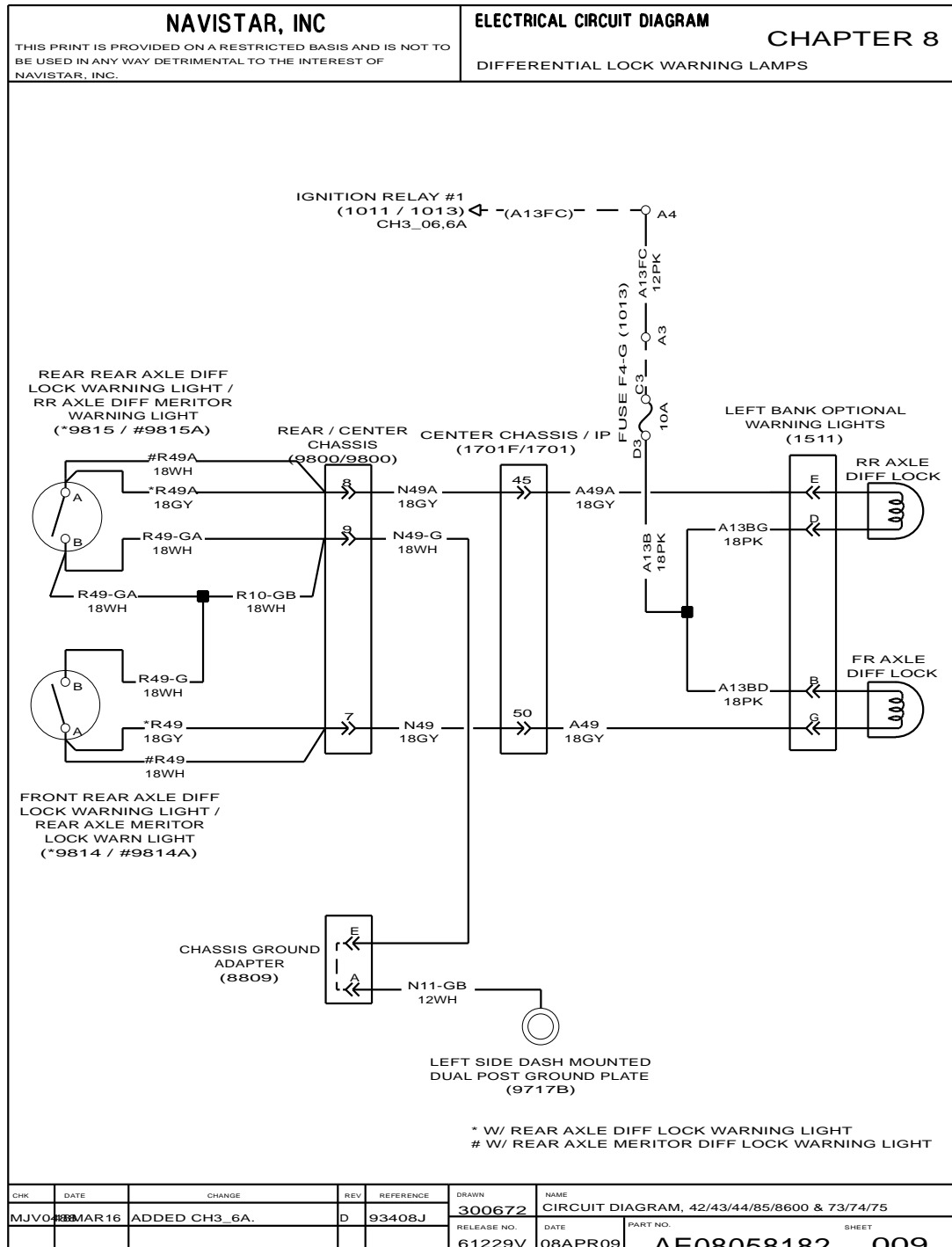


Figure 357 Differential Lock Warning Lamps

8.11. PARK BRAKE SWITCH HYDRAULIC, P. 10

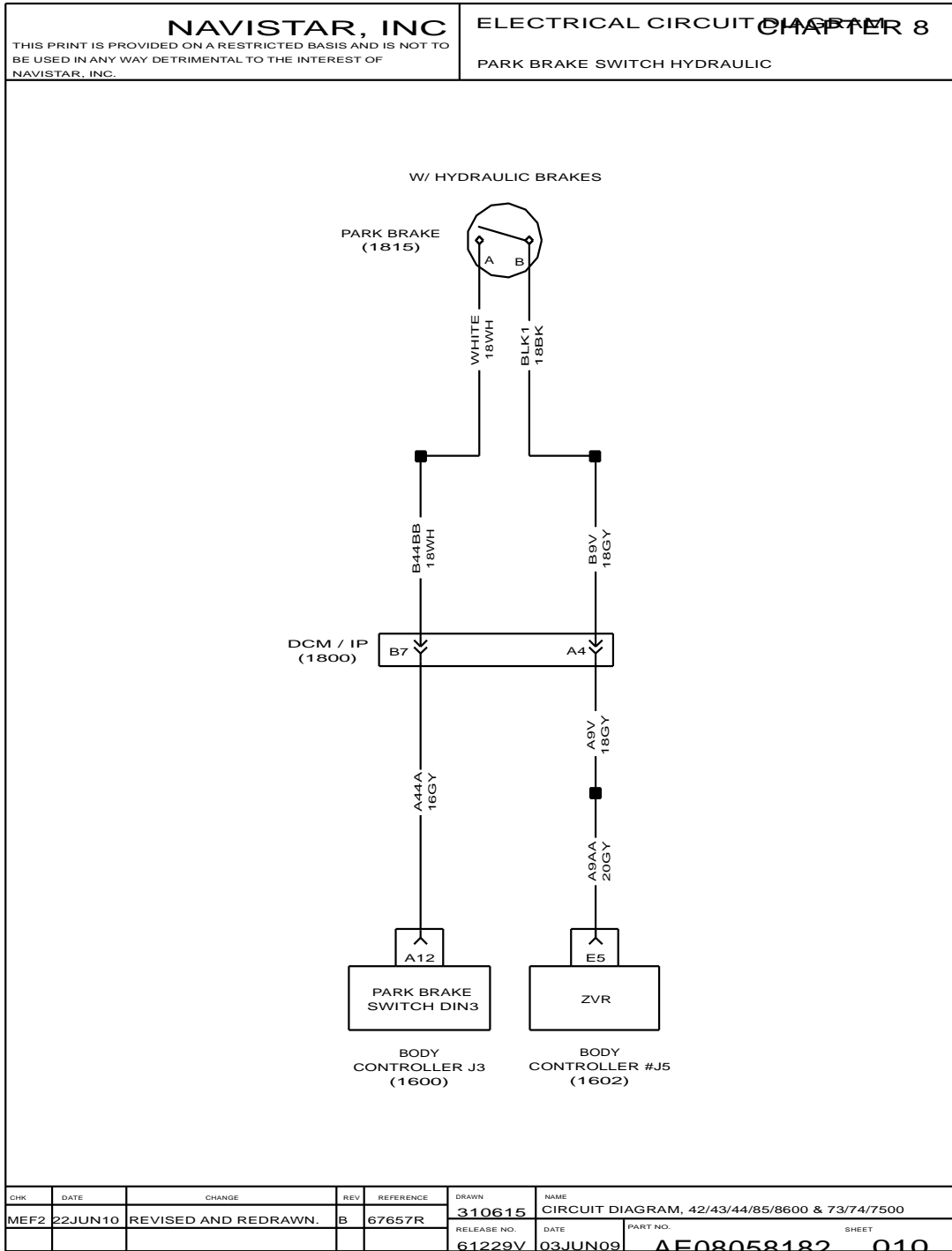


Figure 358 Park Brake Switch Hydraulic



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

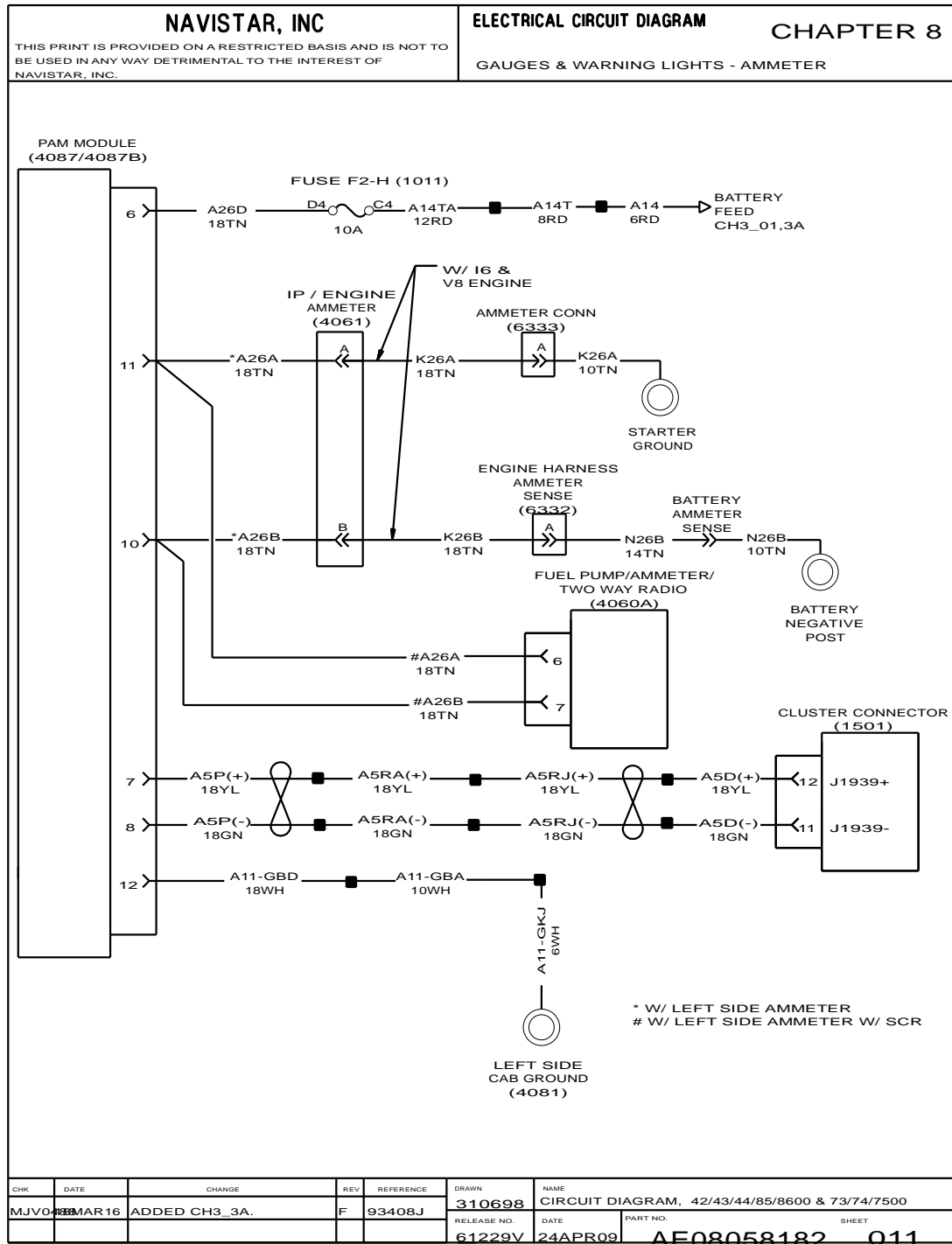


Figure 359 Gauges and Warning Lights – Ammeter

8.13. FRONT AXLE ENGAGEMENT WARNING LAMP, P. 12

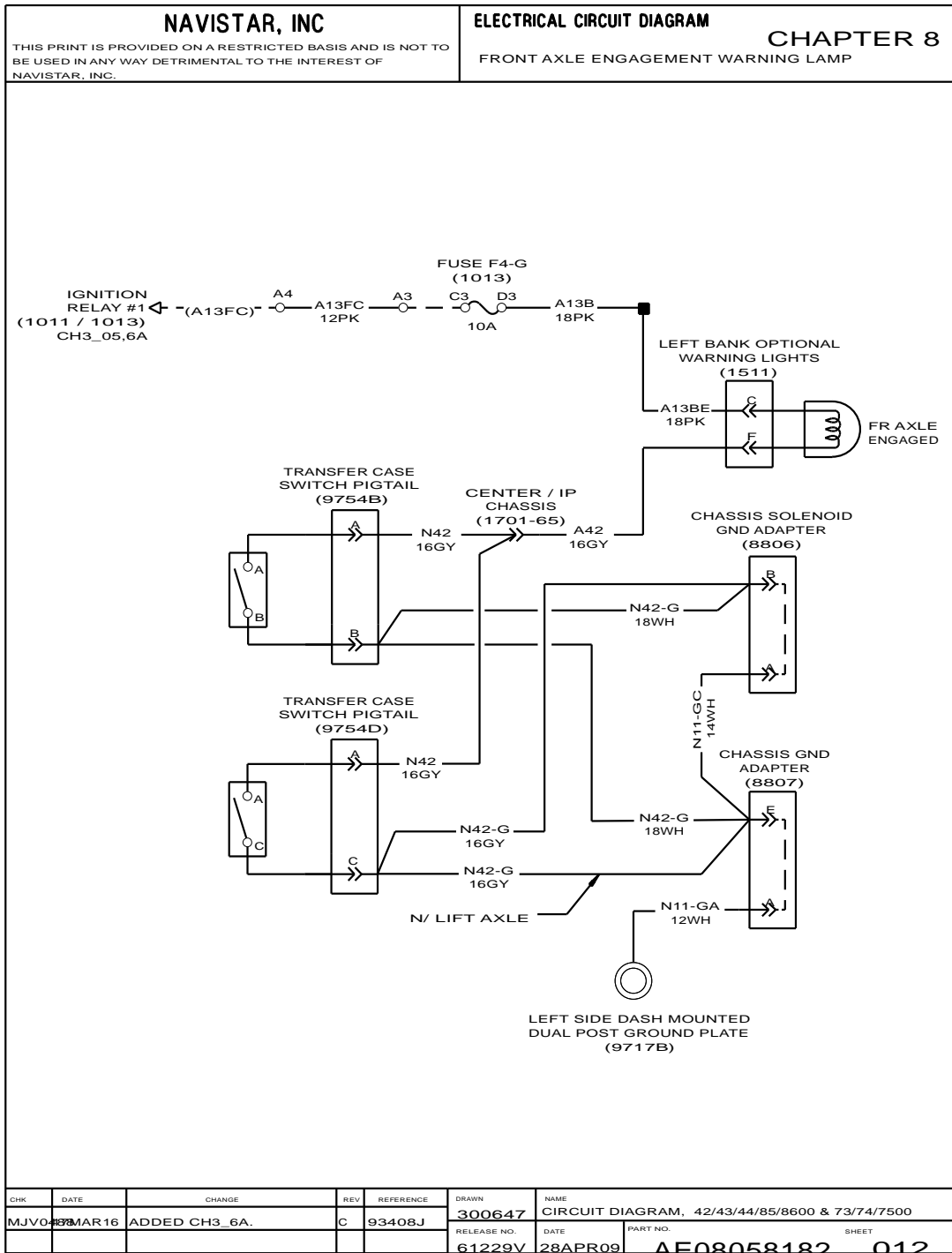


Figure 360 Front Axle Engagement Warning Lamp

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

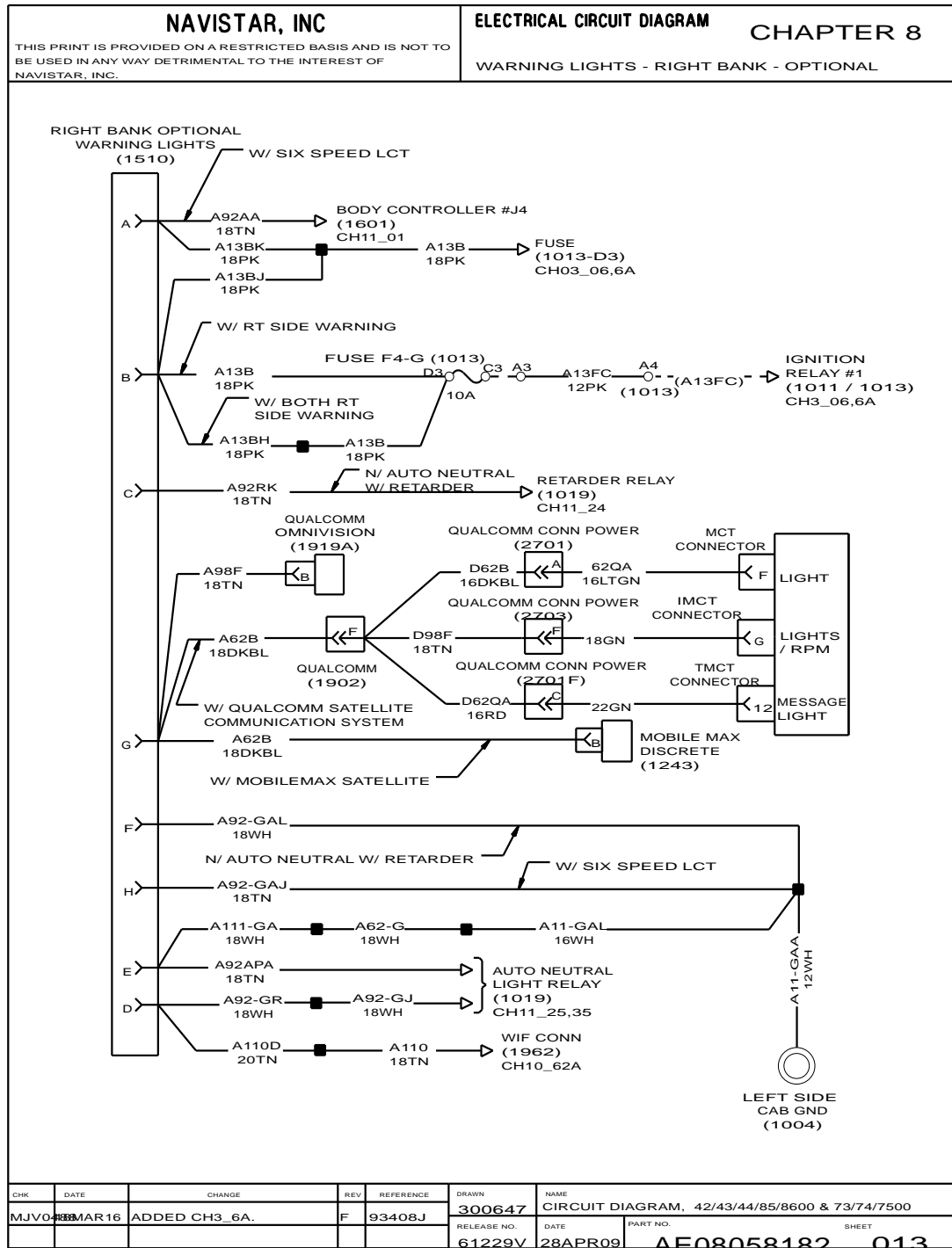


Figure 361 Warning Lights – Right Bank – Optional

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

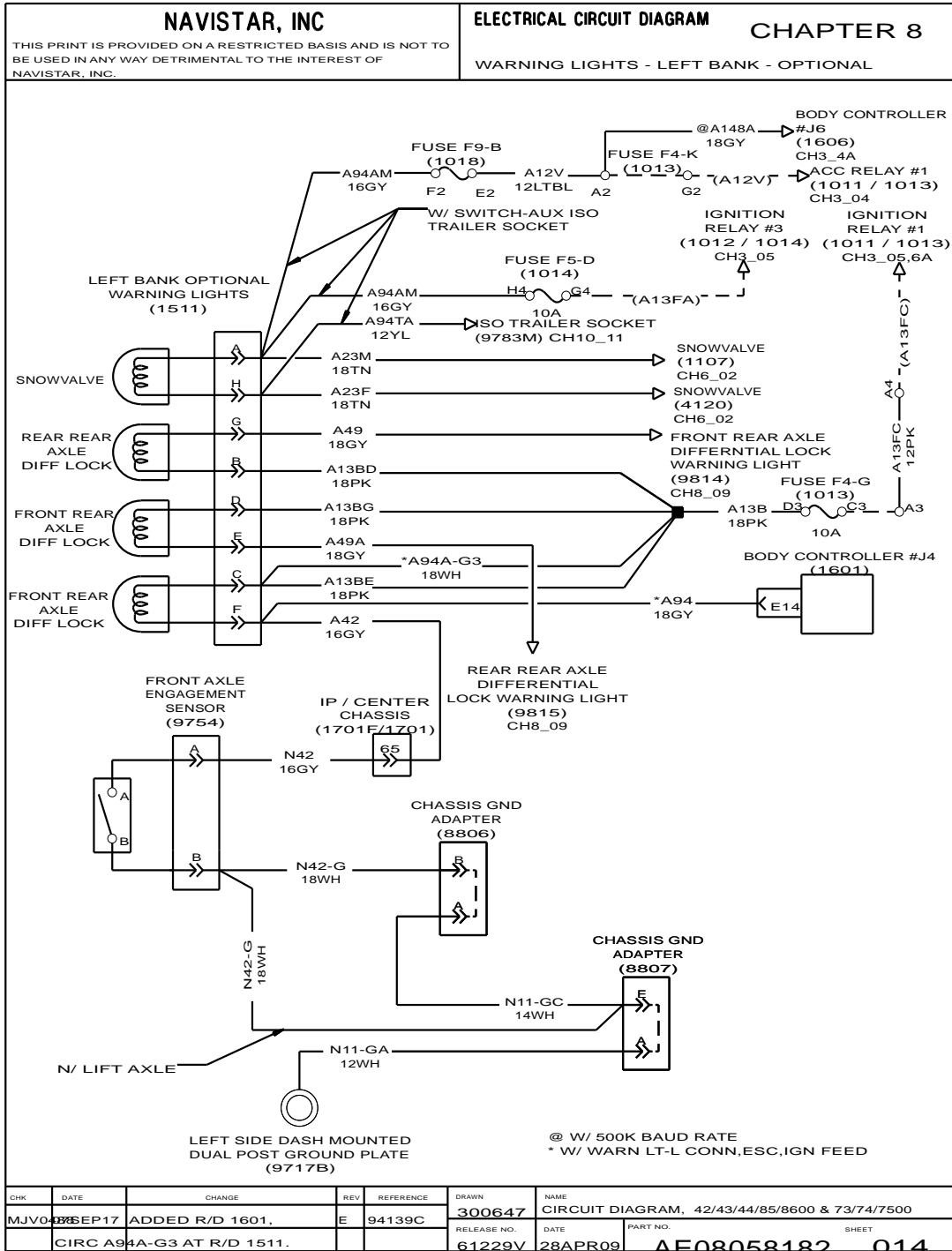


Figure 362 Warning Lights – Left Bank – Optional

8.16. LOAD MONITORING, P. 15

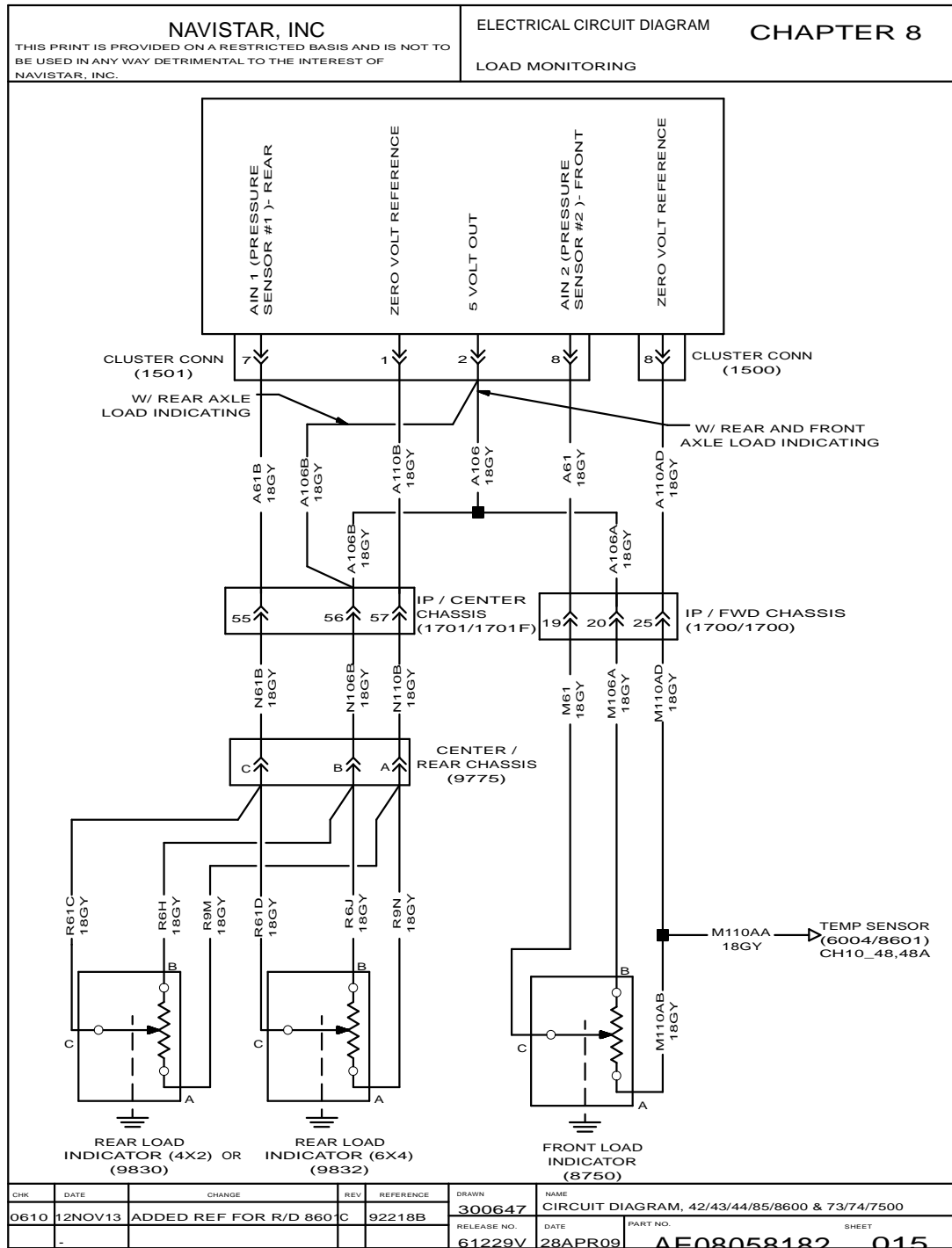


Figure 363 Load Monitoring

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

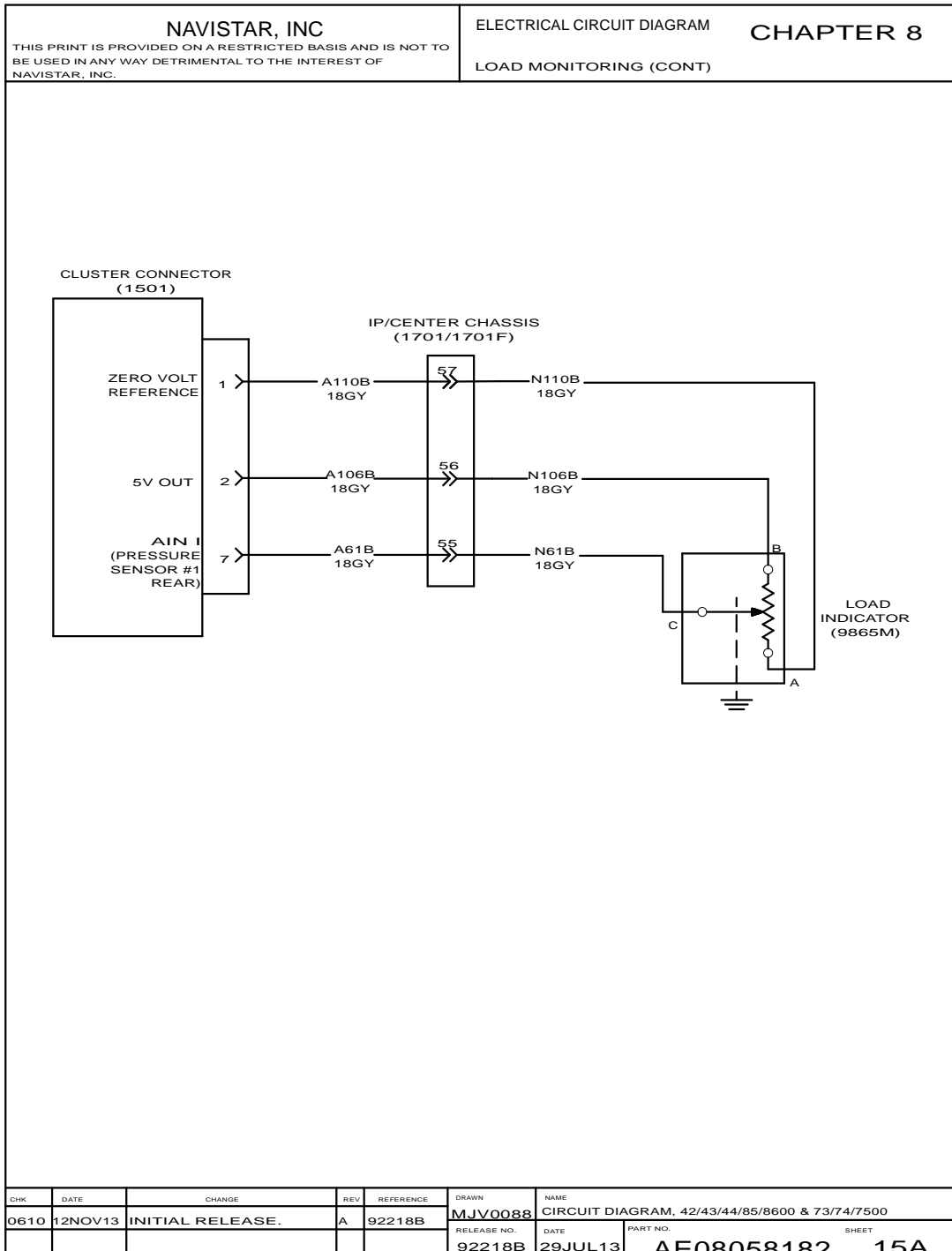


Figure 364 Load Monitoring (Cont.)

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

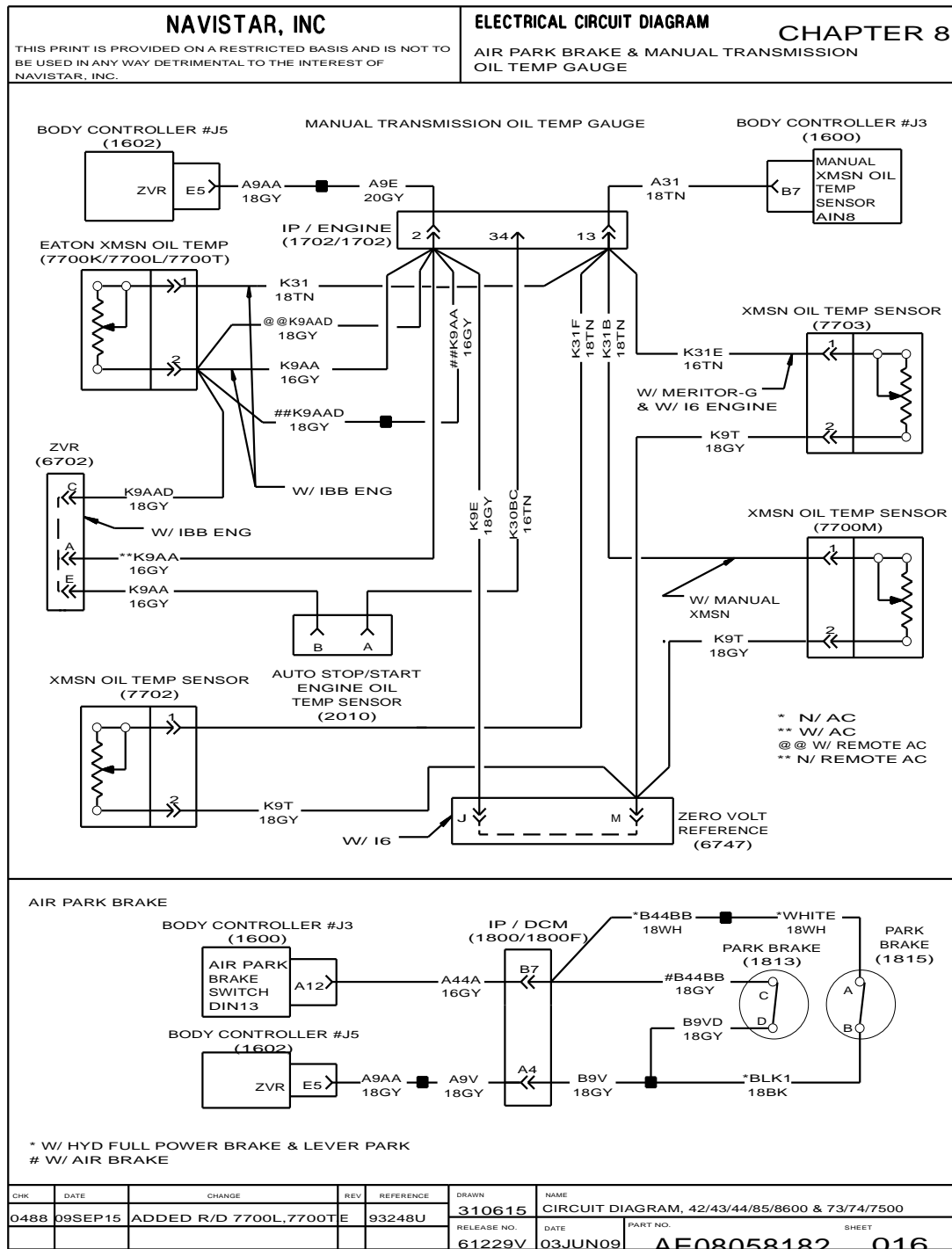


Figure 365 Air Park Brake and Manual Transmission Oil Temperature Gauge

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

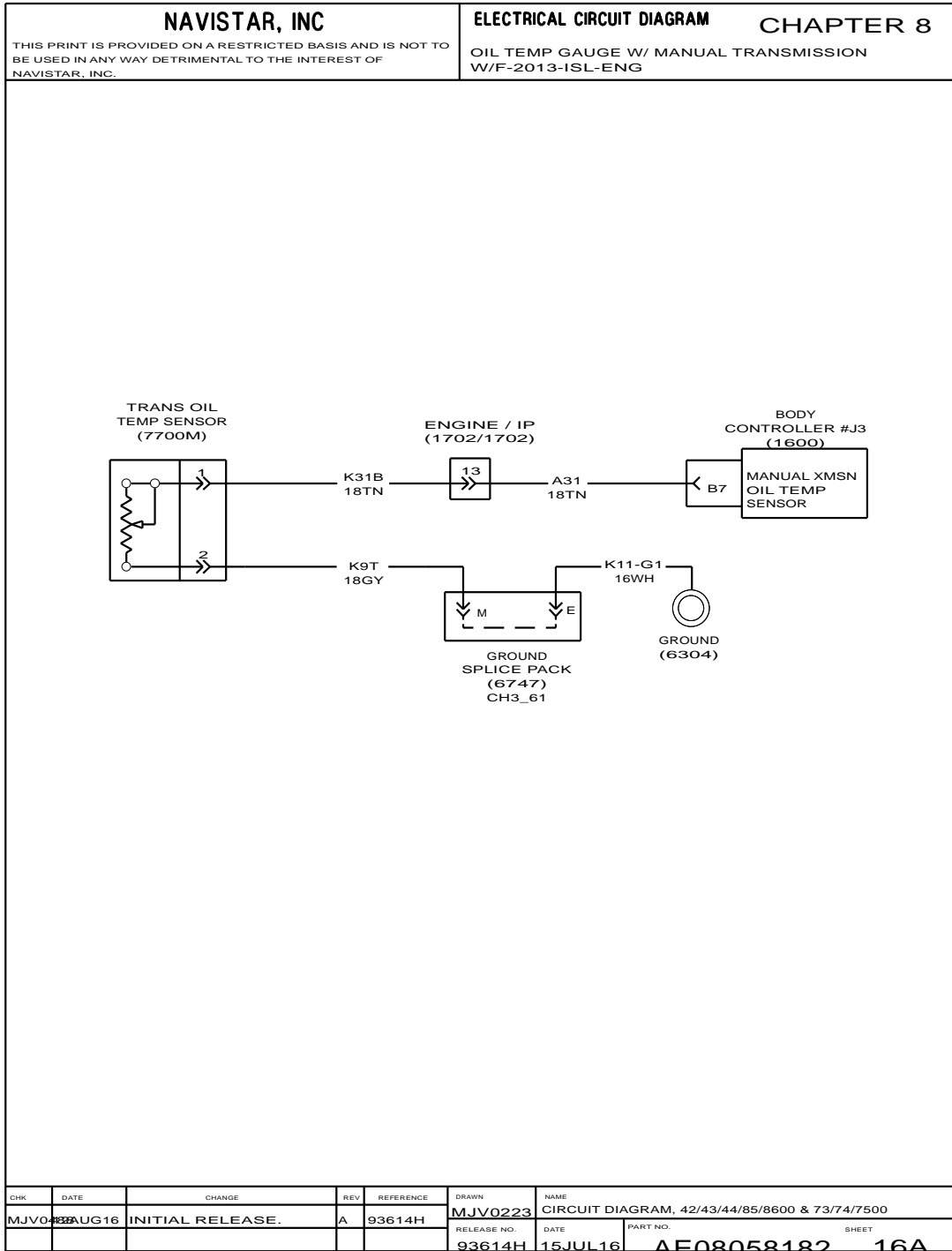


Figure 366 Oil Temp Gauge with Manual Transmission F-2013 ISL Engine



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

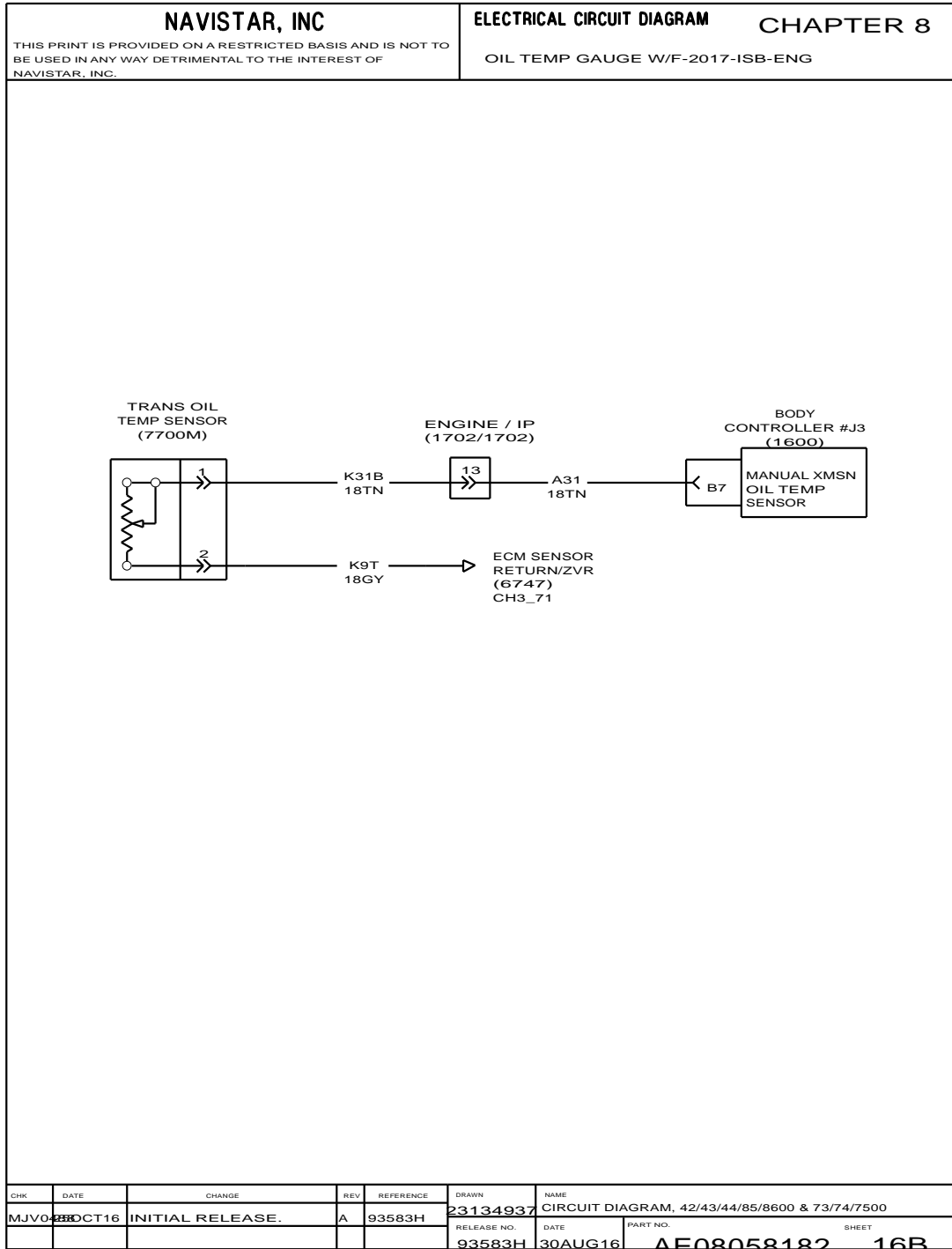


Figure 367 Oil Temp Gauge with F-2017 ISB Engine

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

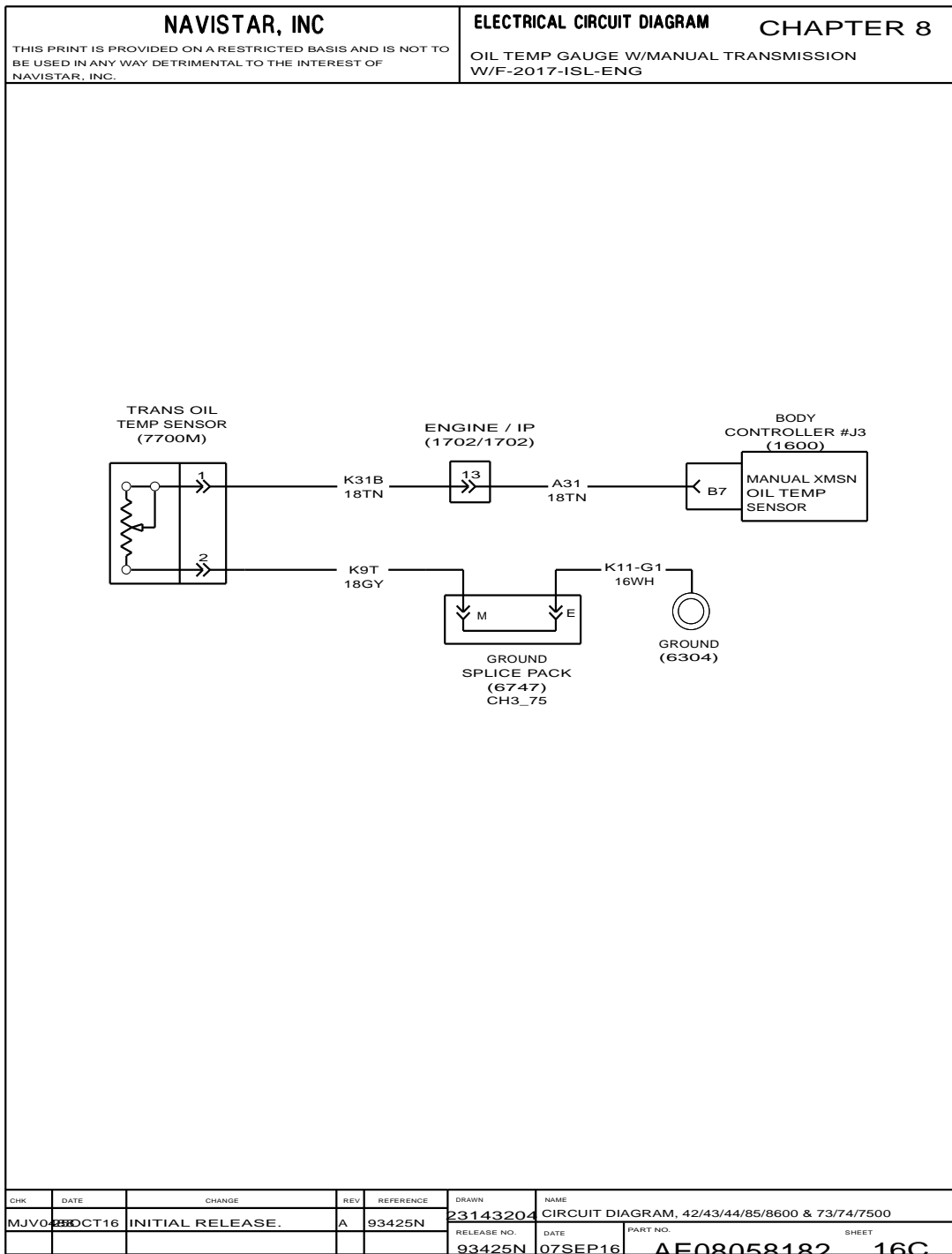


Figure 368 Oil Temp Gauge with Manual Transmission with F-2017 ISL Engine

8.22. FUEL HEATER CONNECTIONS, P. 17

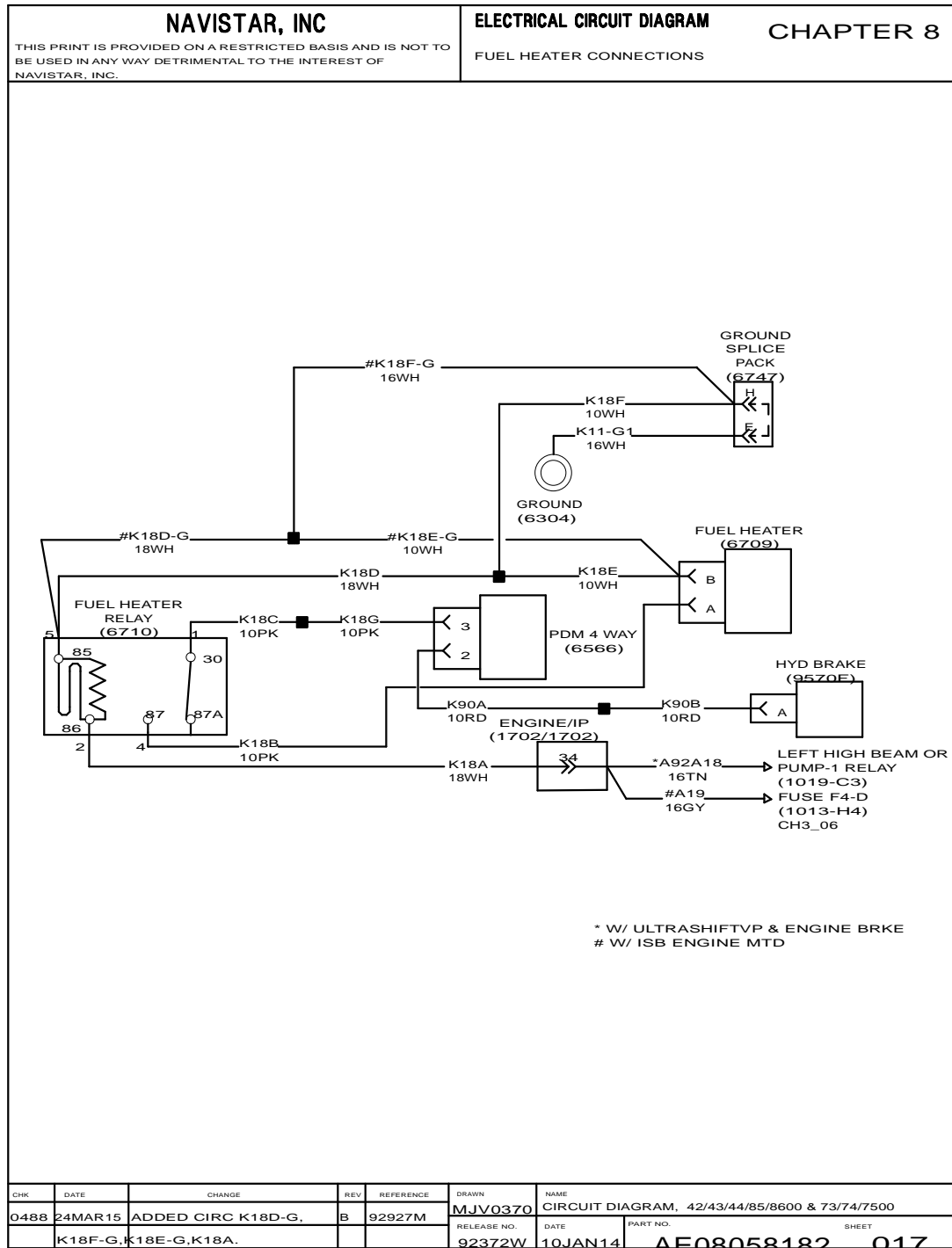


Figure 369 Fuel Heater Connections

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

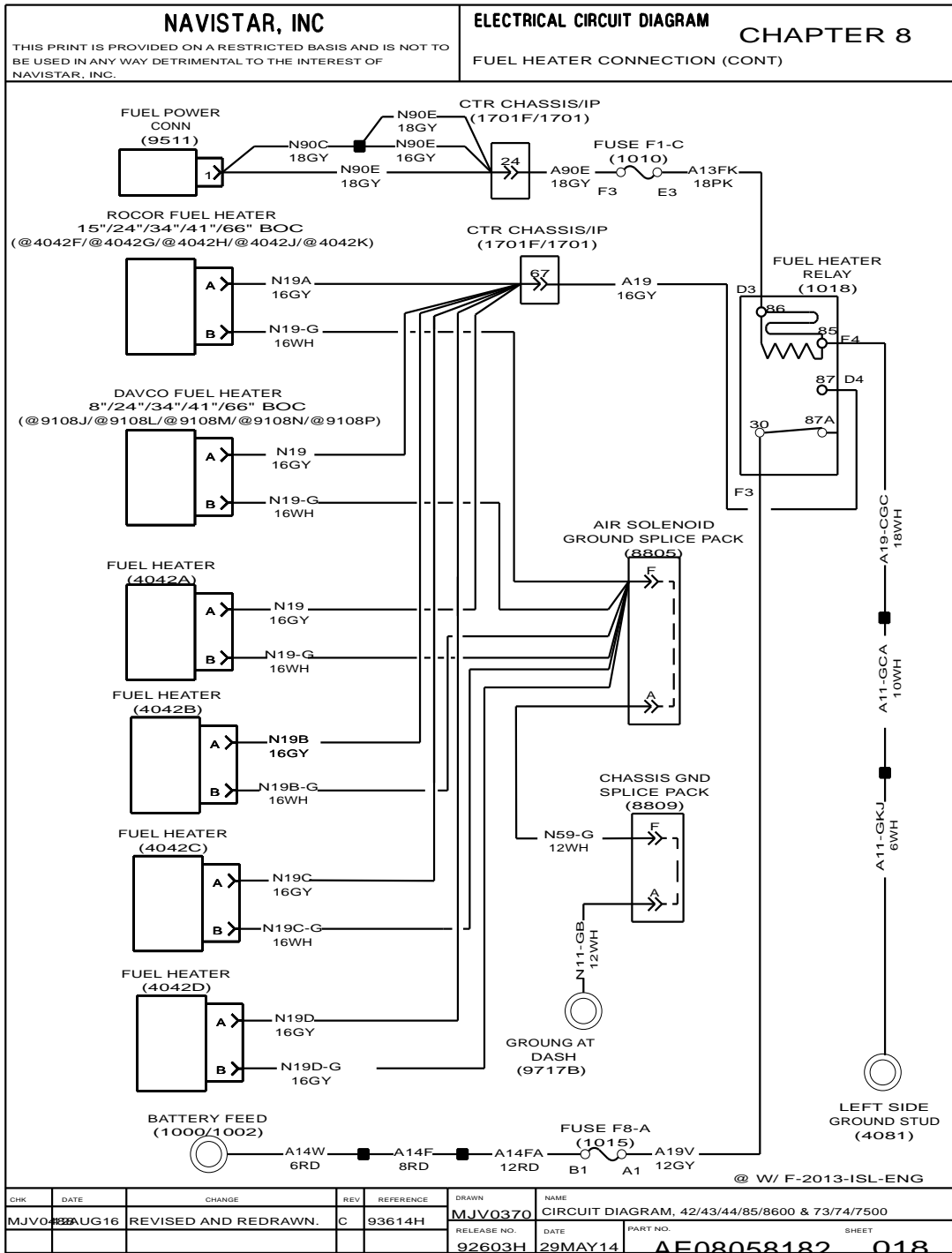


Figure 370 Fuel Heater Connections (Cont.)

8.24. BATTERY WARNING INDICATOR, P. 19

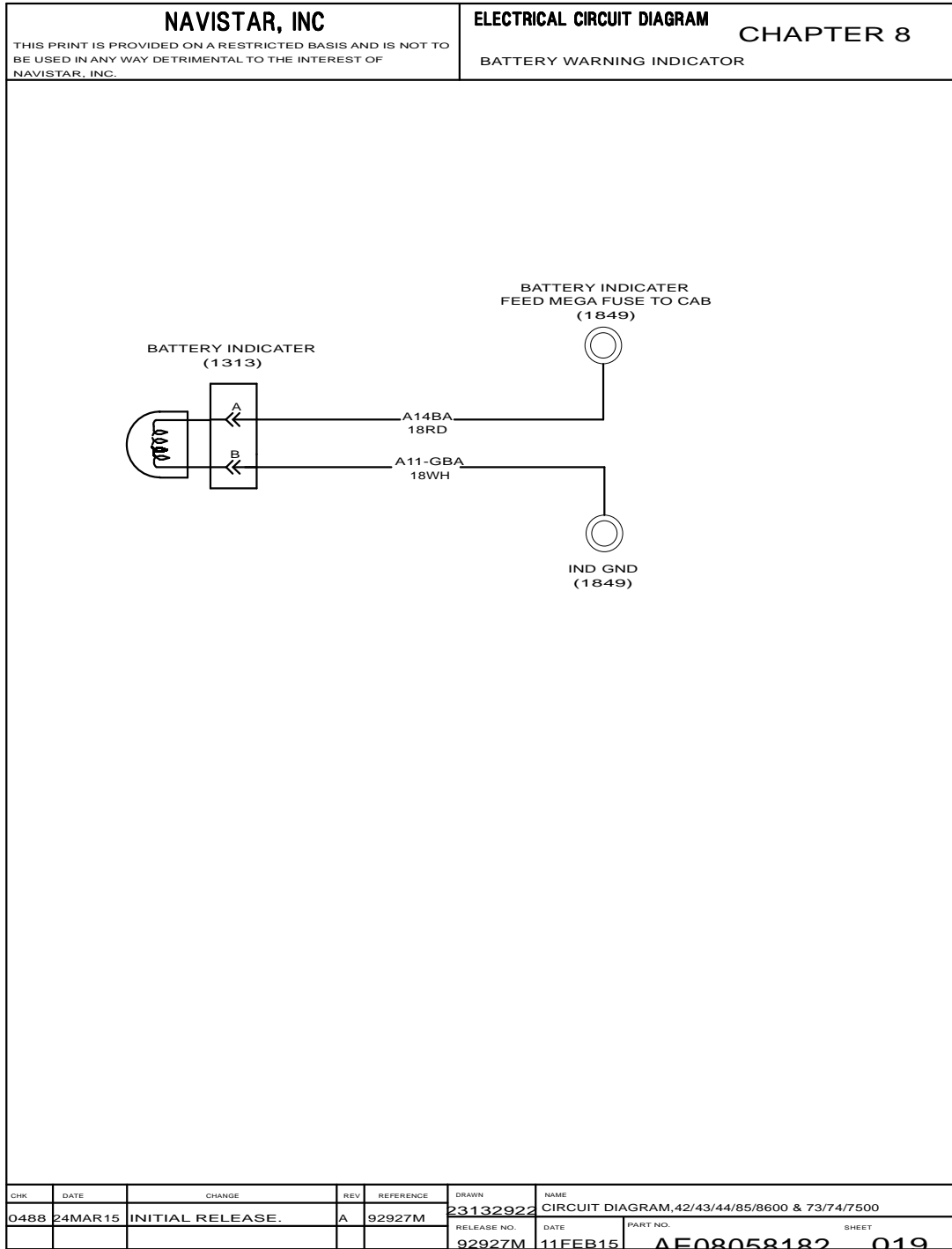


Figure 371 Battery Warning Indicator

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

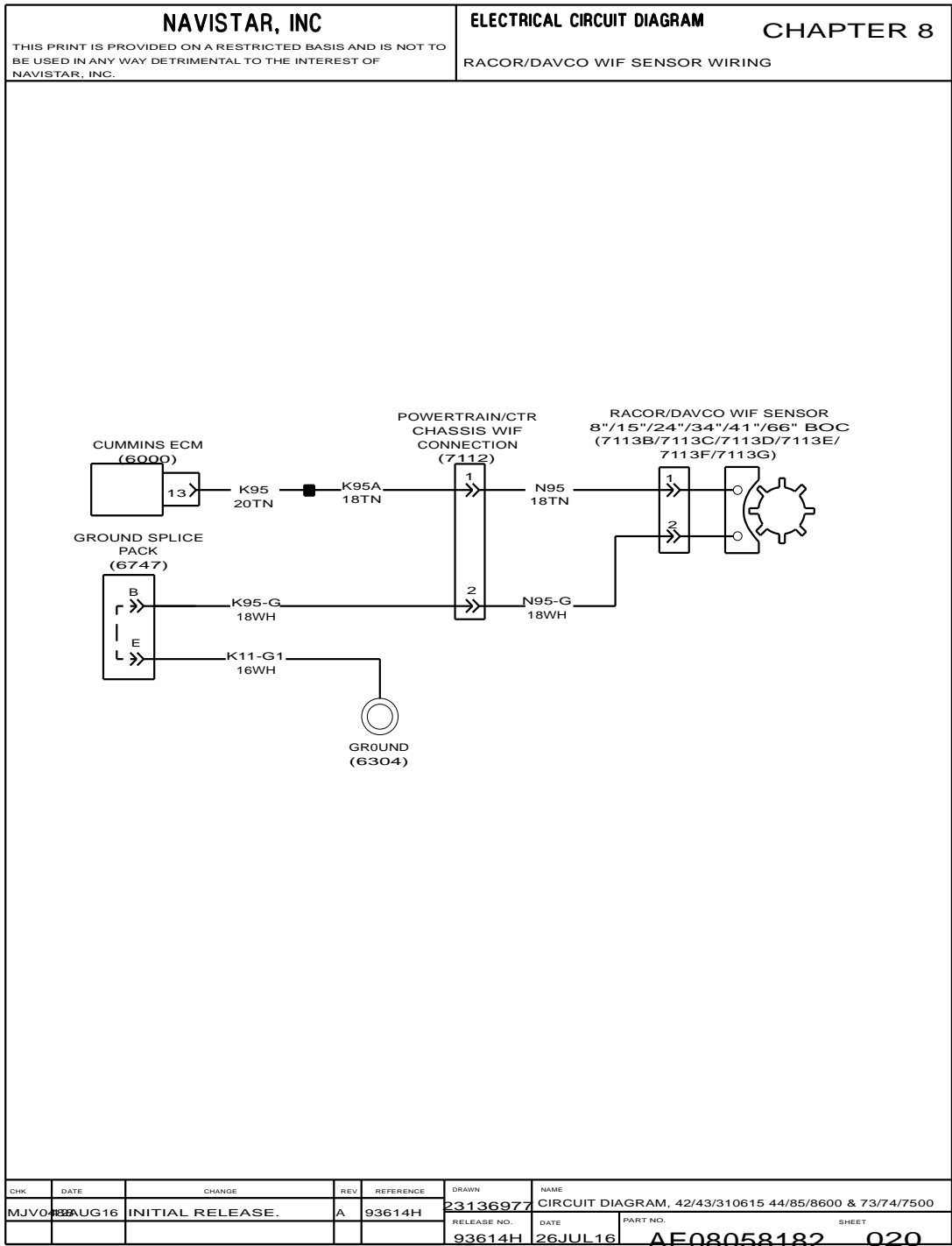


Figure 372 Racor / Davco Water in Fuel (WIF) Sensor Wiring

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

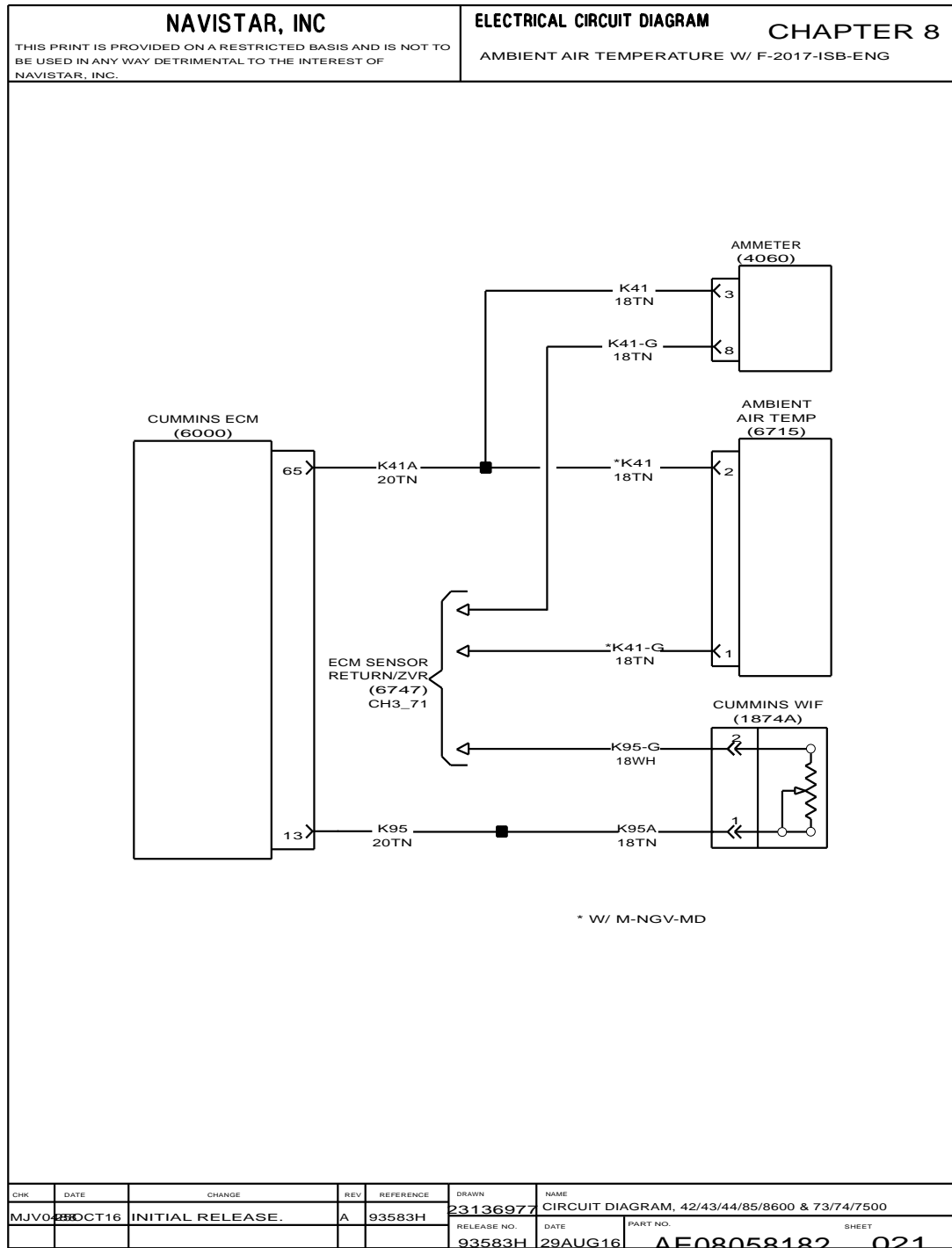
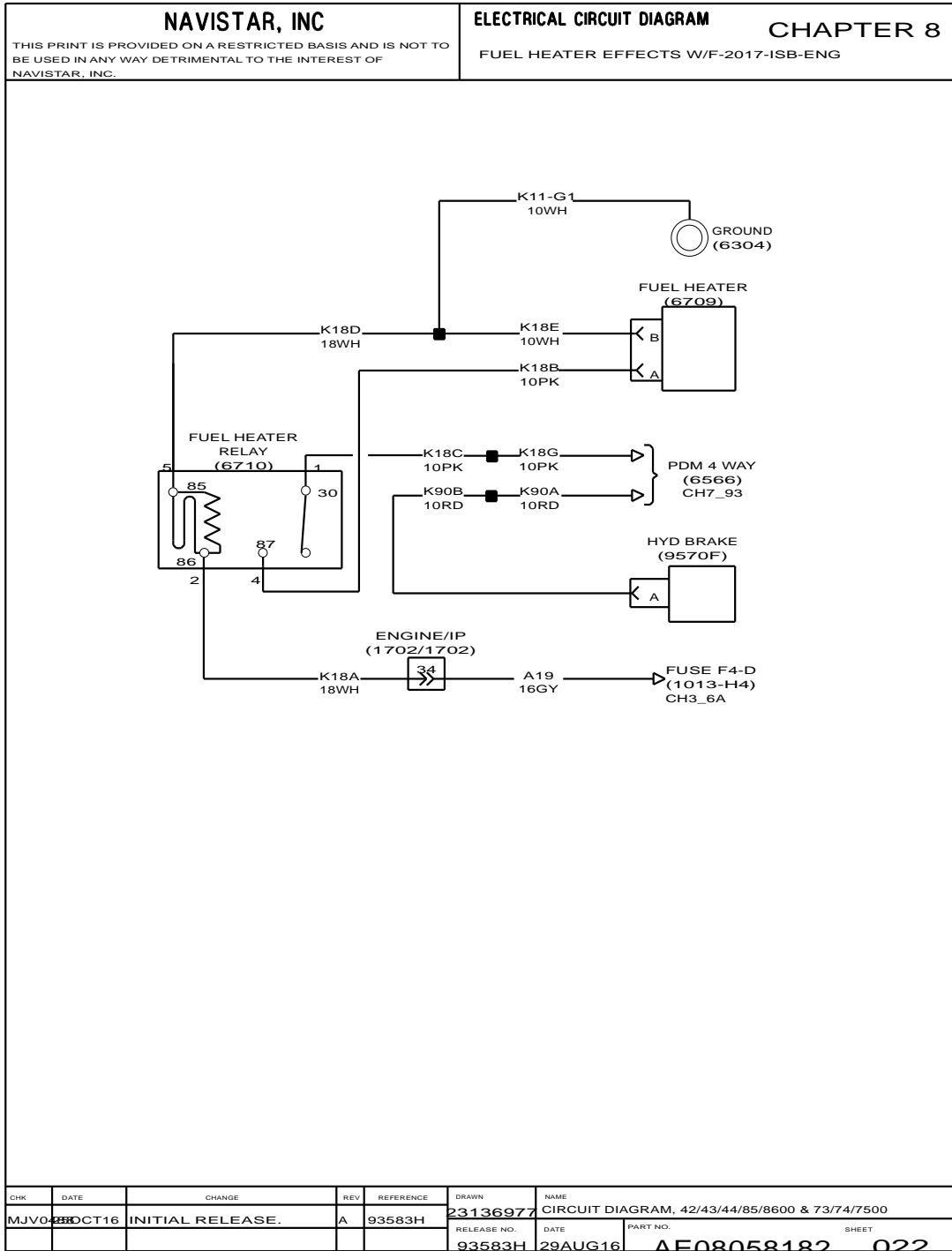


Figure 373 Ambient Air Temperature with F-2017-ISB Engine

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





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

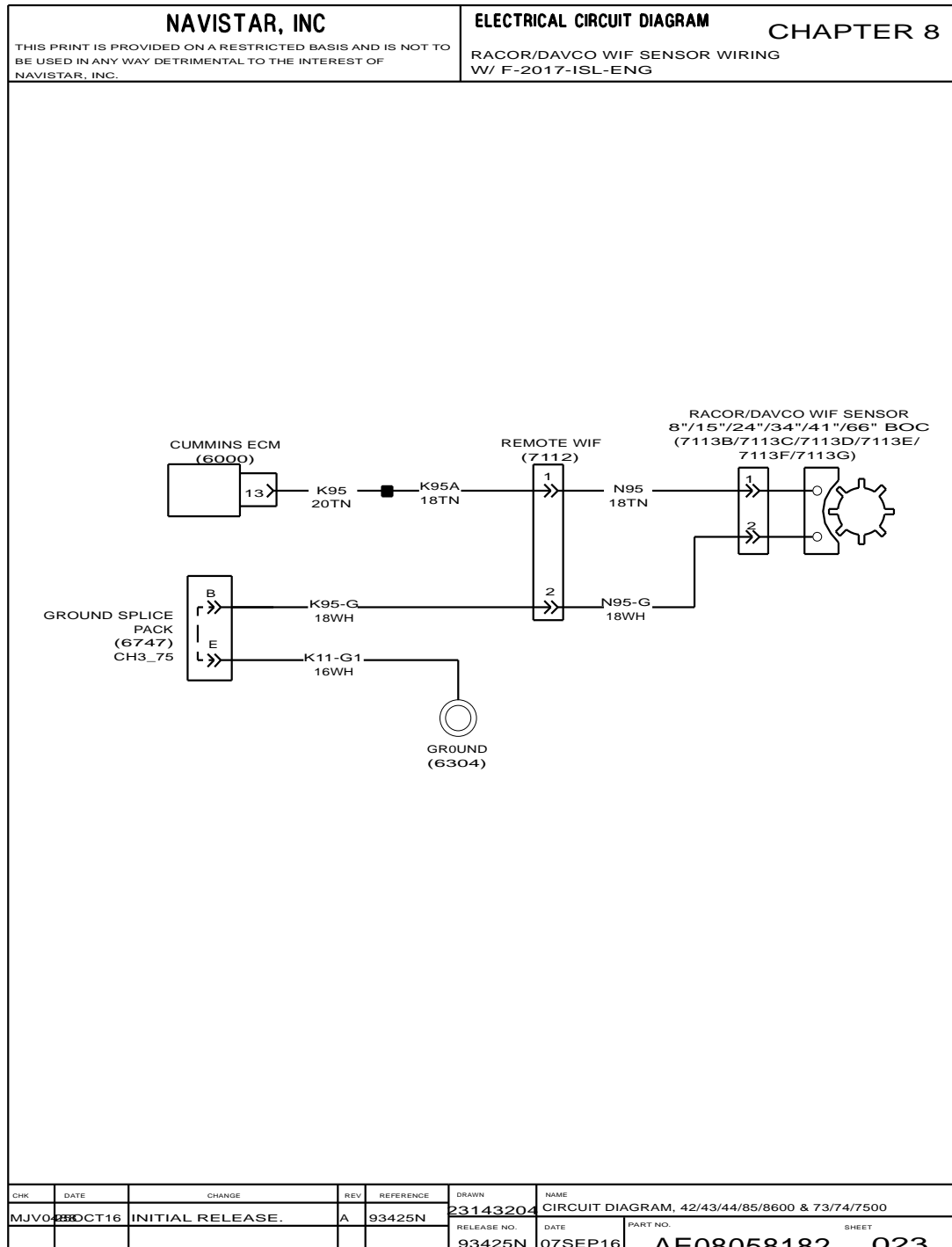


Figure 375 Racor / Davco WIF Sensor Wiring with F-2017-ISL Engine

# LIGHTS (CHAPTER 9)

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

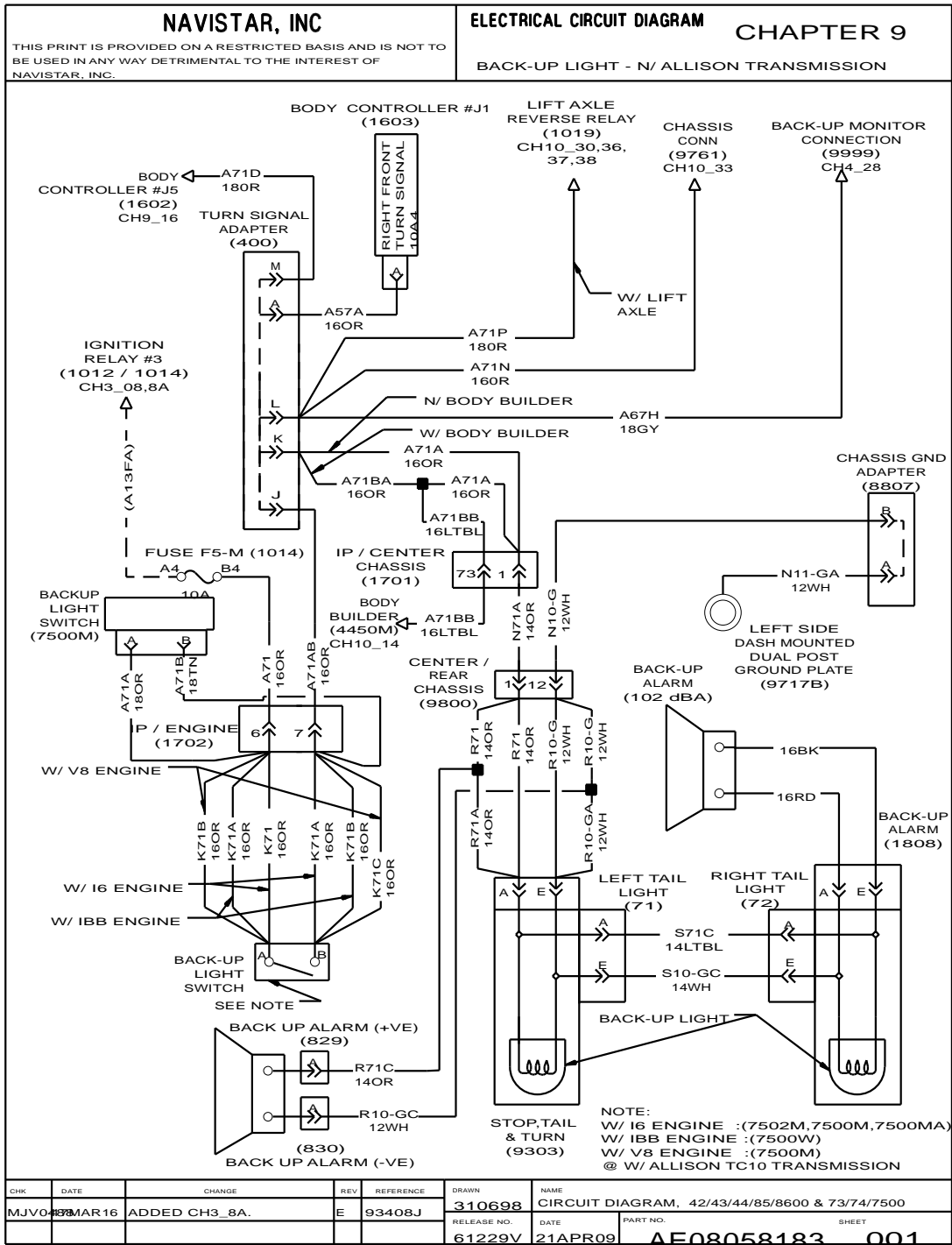


Figure 376 Back-Up Lights without Allison Transmission



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

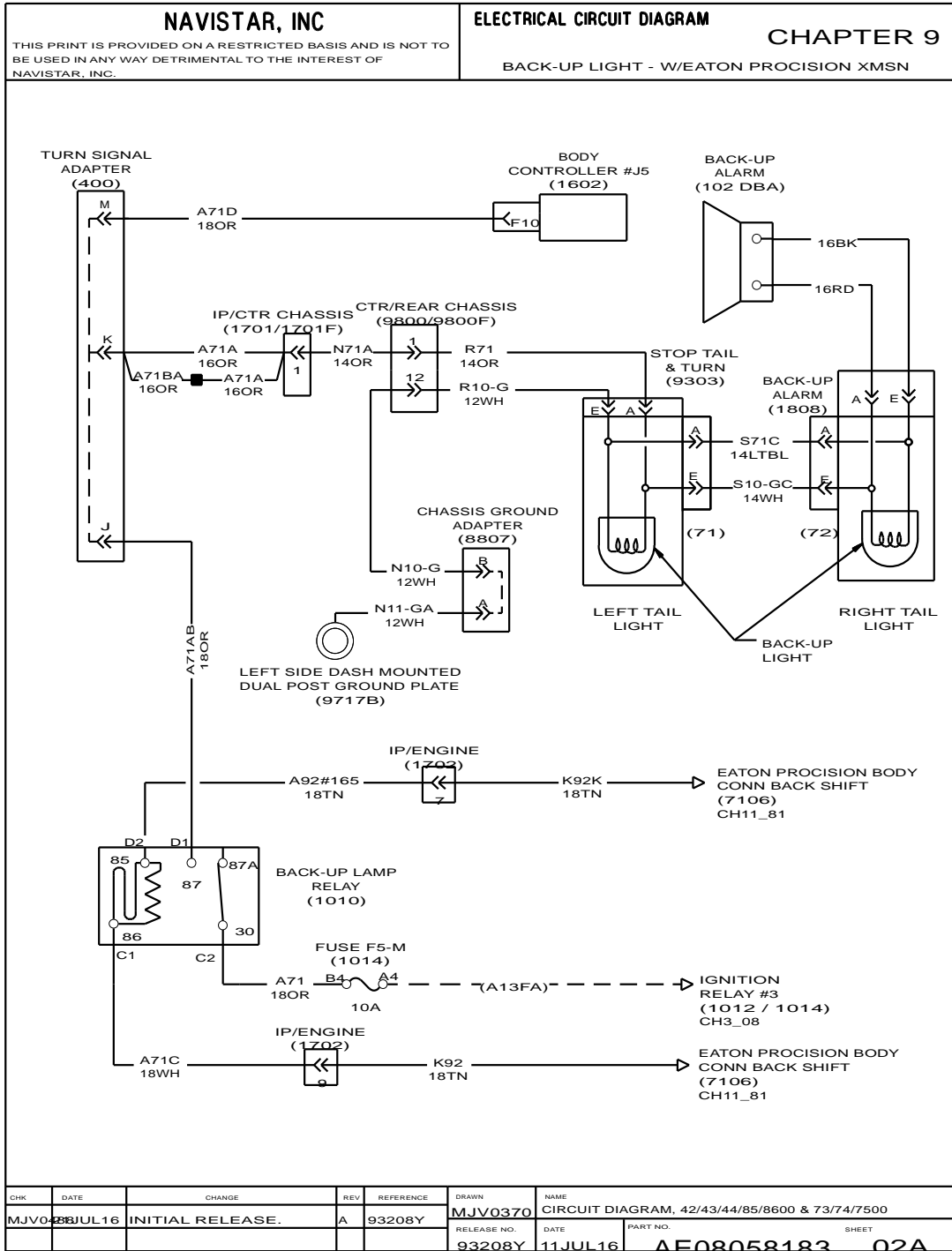


Figure 378 Back-Up Lights with Eaton Procision Transmission

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

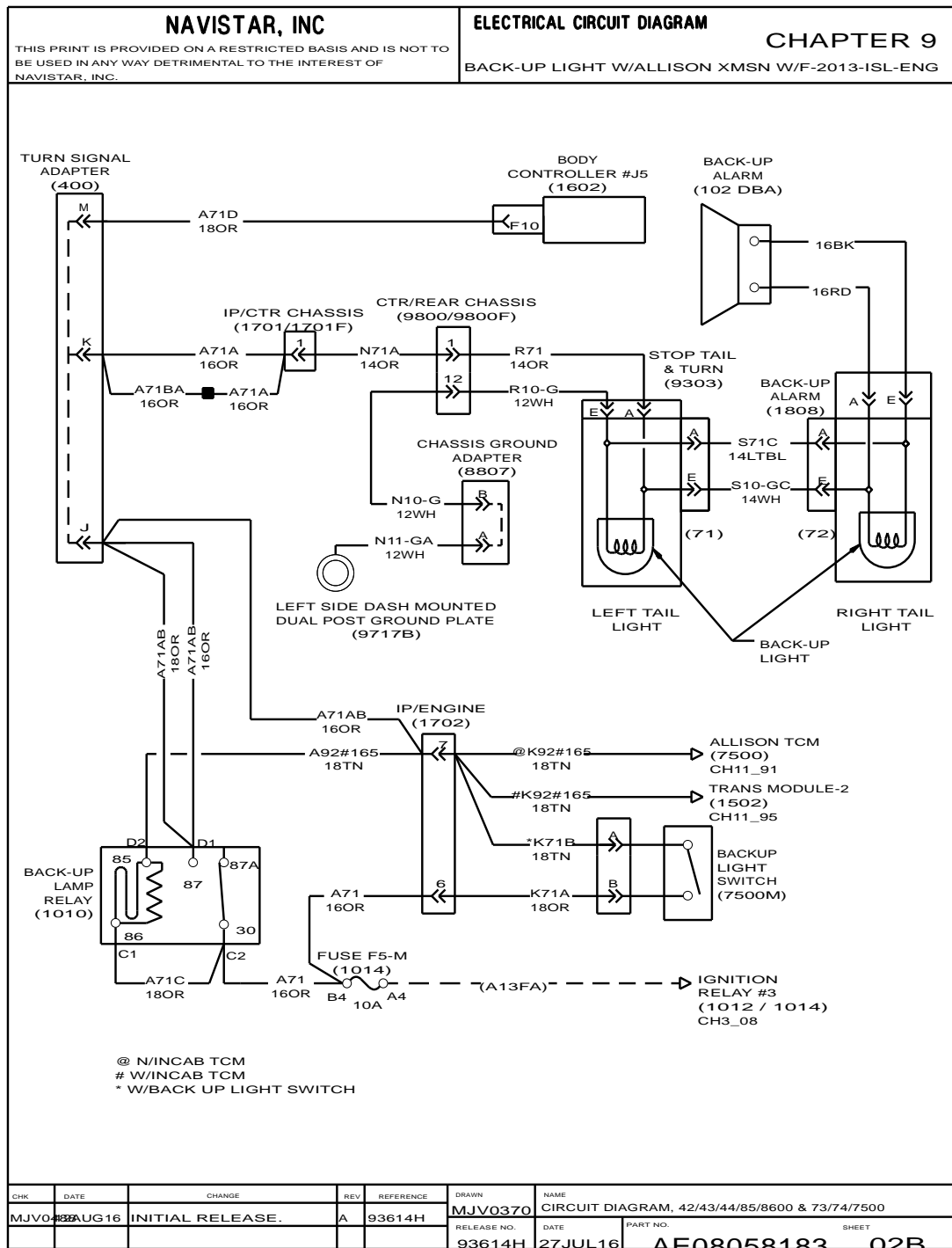


Figure 379 Back-Up Lights with Allison Transmission with F-2013 ISL Engine

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

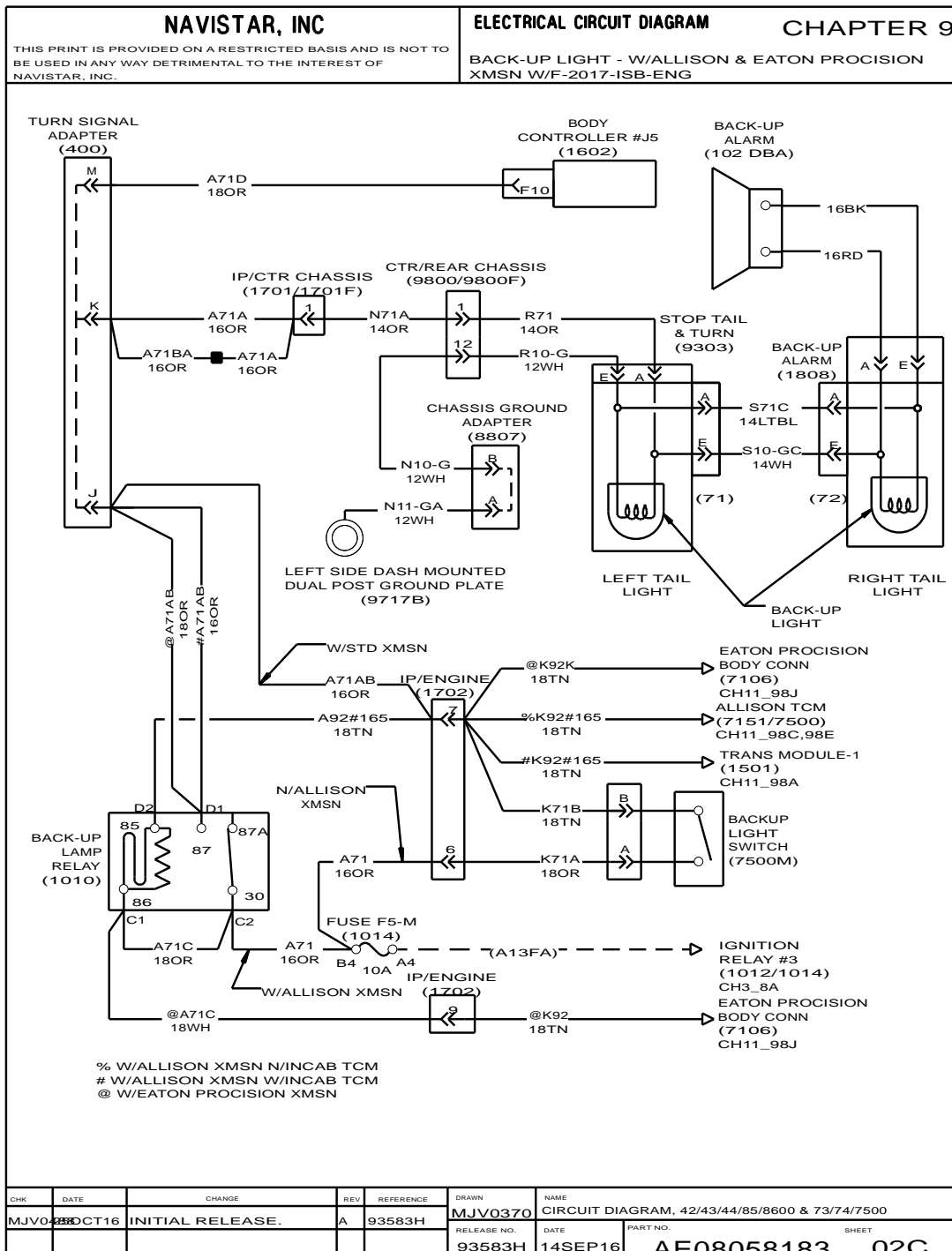


Figure 380 Back-Up Lights with Allison and Eaton Procision Transmission with F-2017 ISB Engine

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

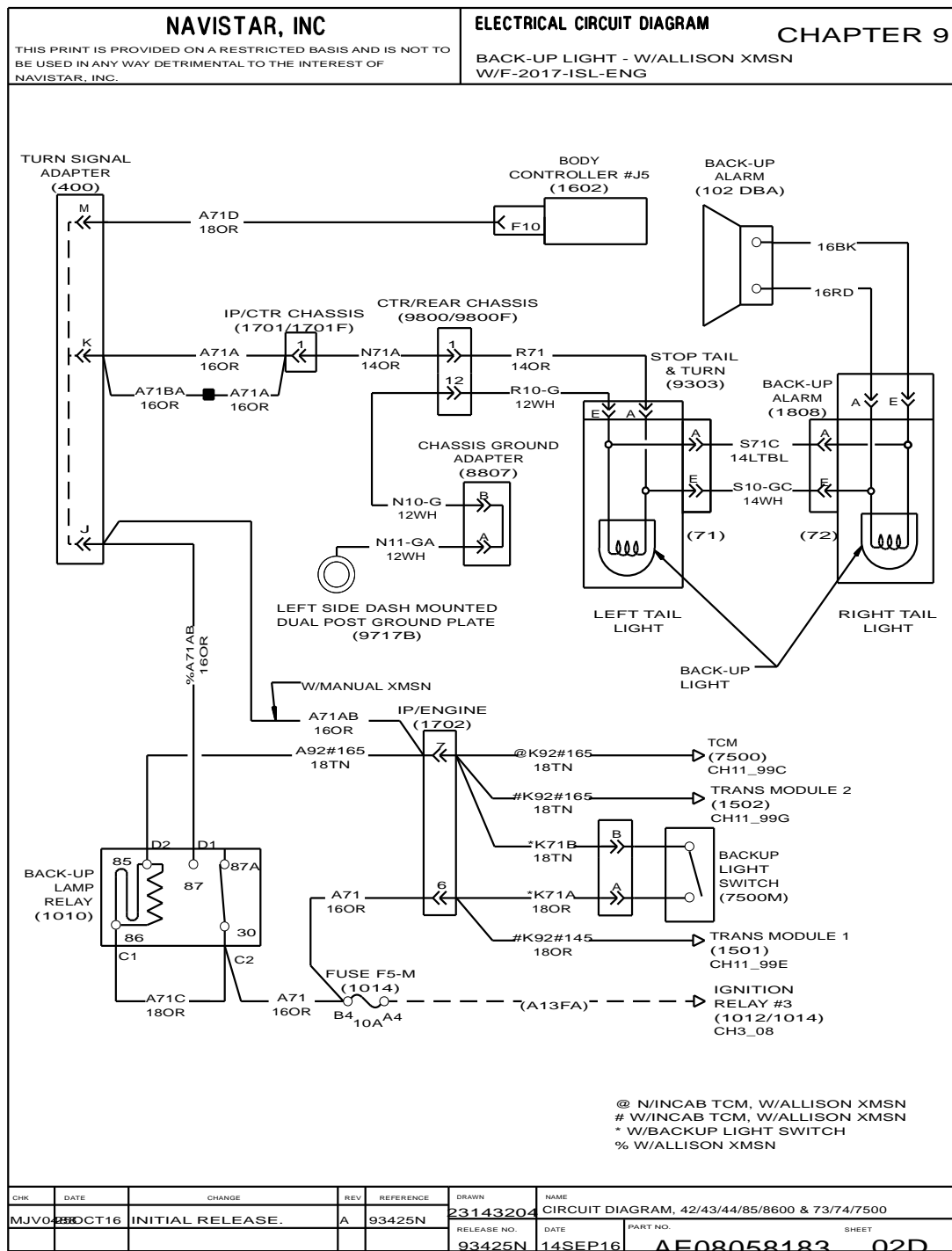


Figure 381 Back-Up Lights with Allison Transmission with F-2017 ISL Engine, p. 2D

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

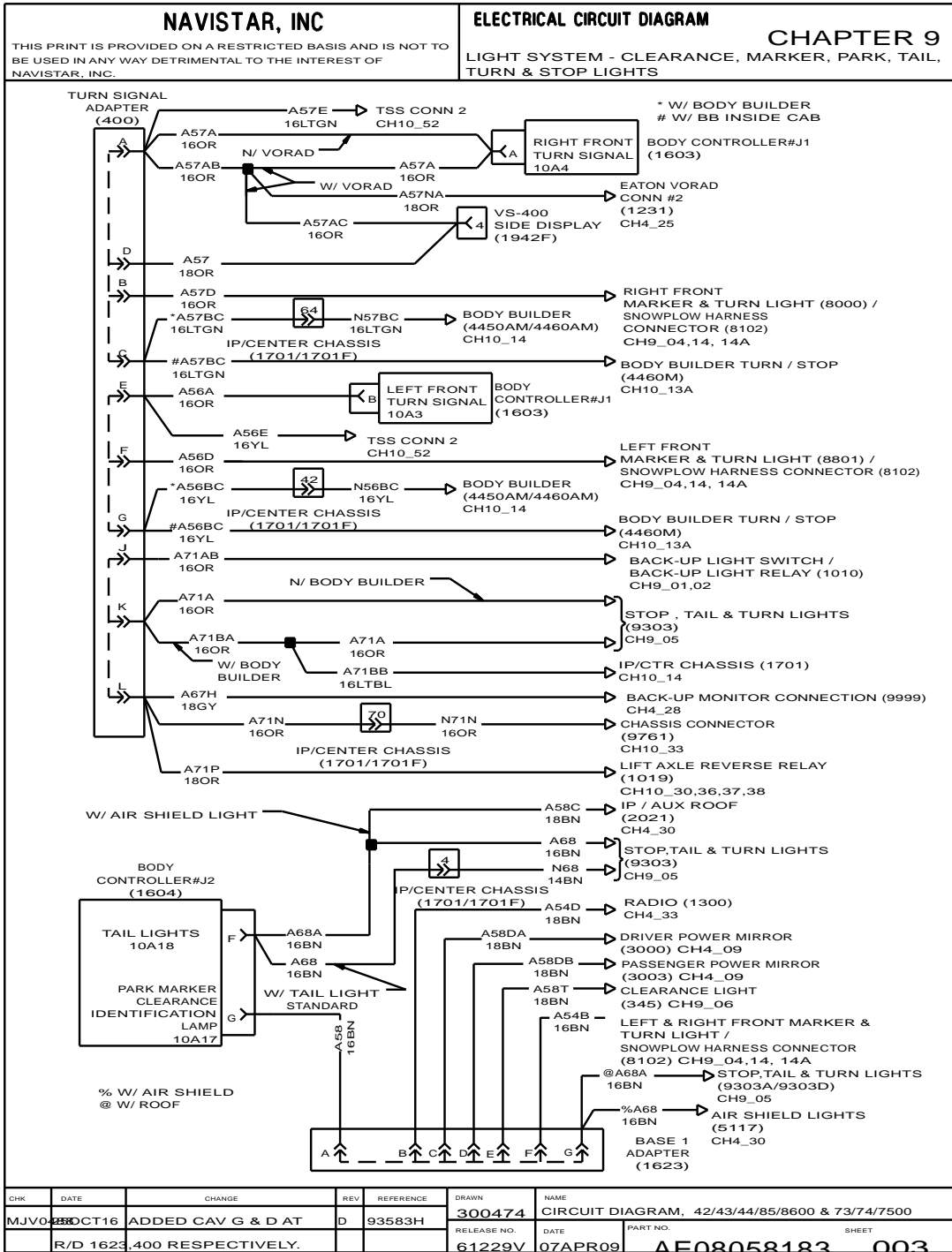


Figure 382 Light System Clearance, Marker, Park, Tail, Turn and Stop Lights



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

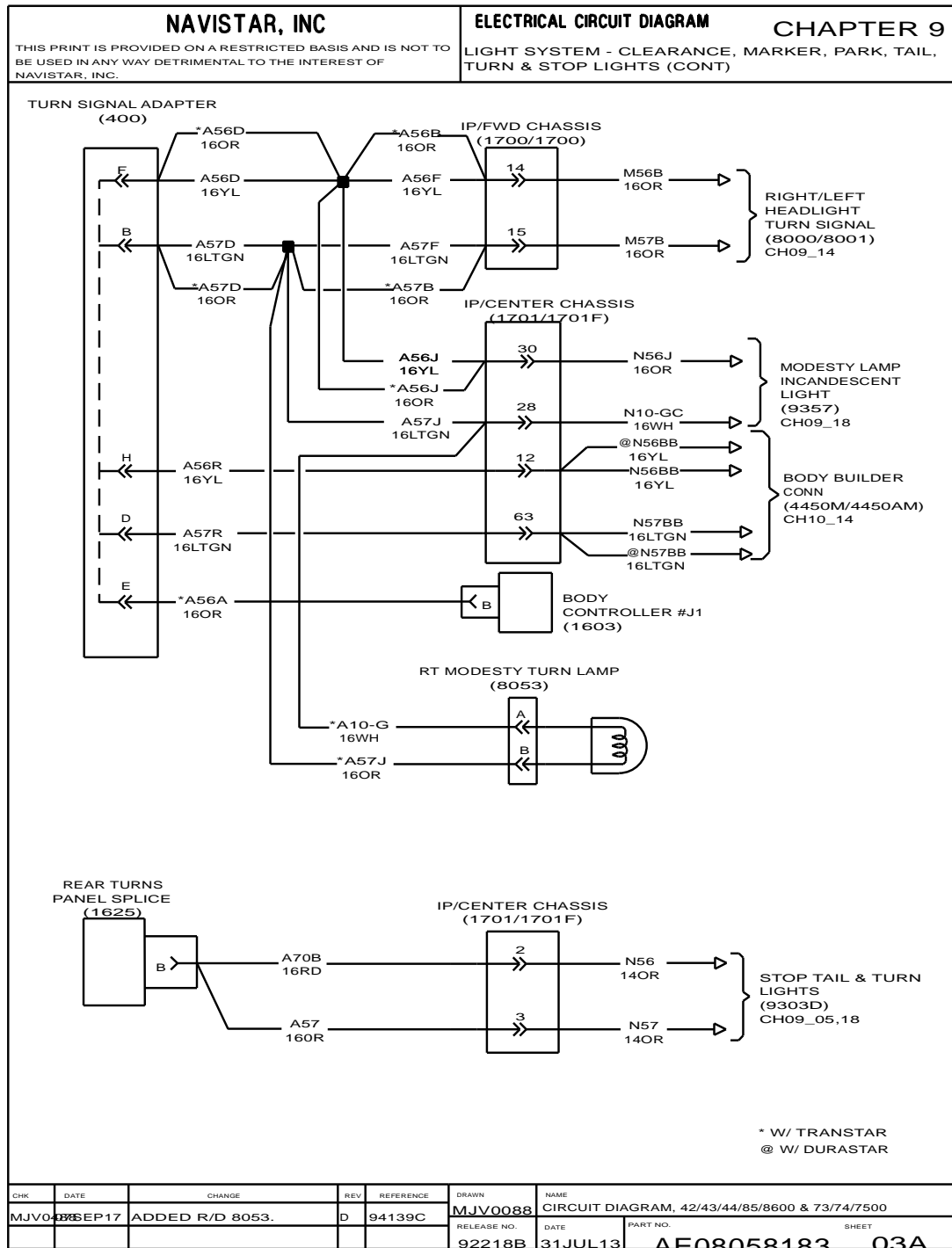


Figure 383 Light Systems – Clearance, Marker, Park, Tail, Turn and Stop Lights (Cont.)



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

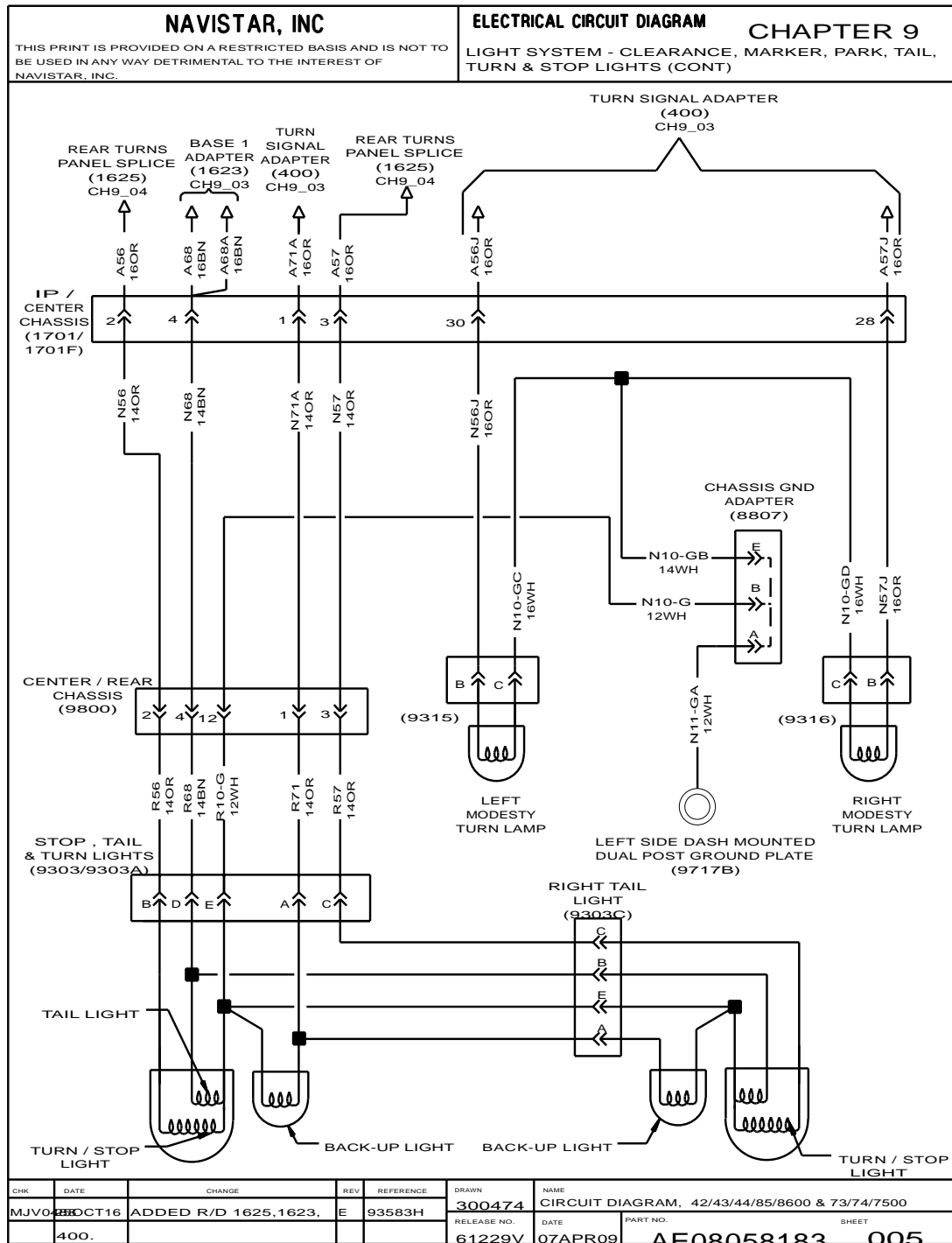


Figure 385 Light Systems – Clearance, Marker, Park, Tail, Turn and Stop Lights (Cont.)

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

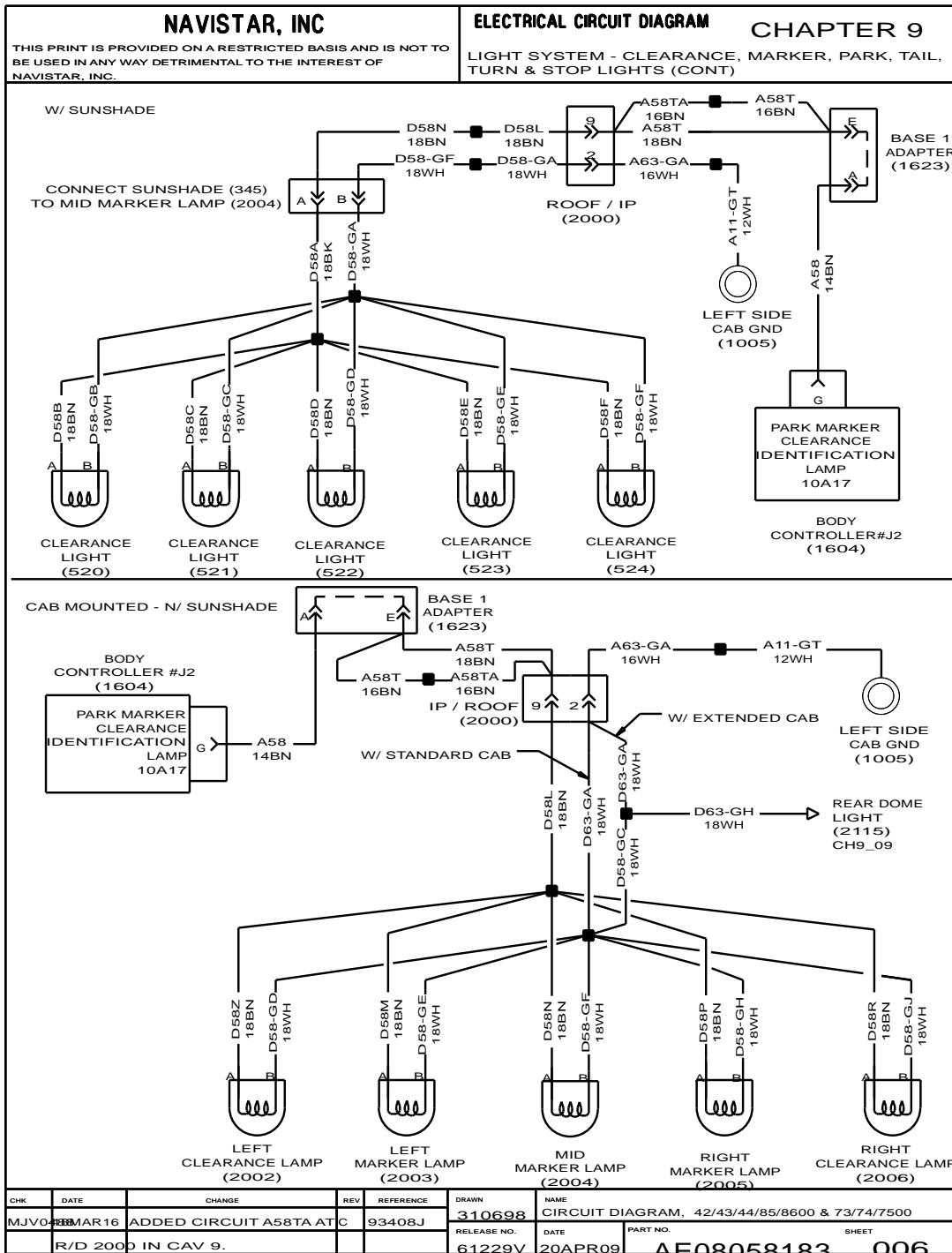


Figure 386 Light Systems – Clearance, Marker, Park, Tail, Turn and Stop Lights (Cont.)

9.12. LIGHT SYSTEMS – CLEARANCE AND MARKER LIGHTS WITH BENDIX FUSION, P. 6A

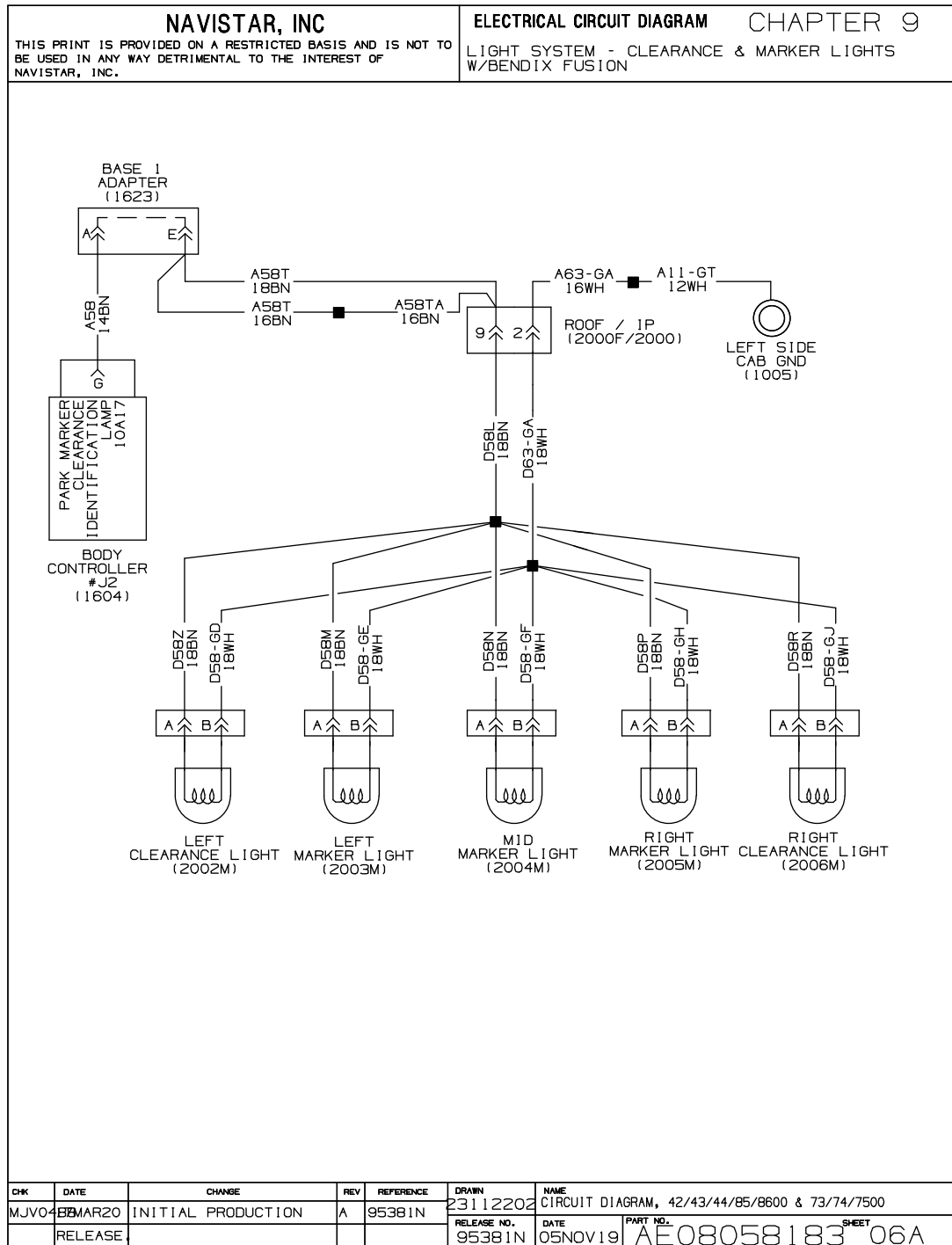


Figure 387 Light Systems – Clearance and Marker Lights with Bendix Fusion

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

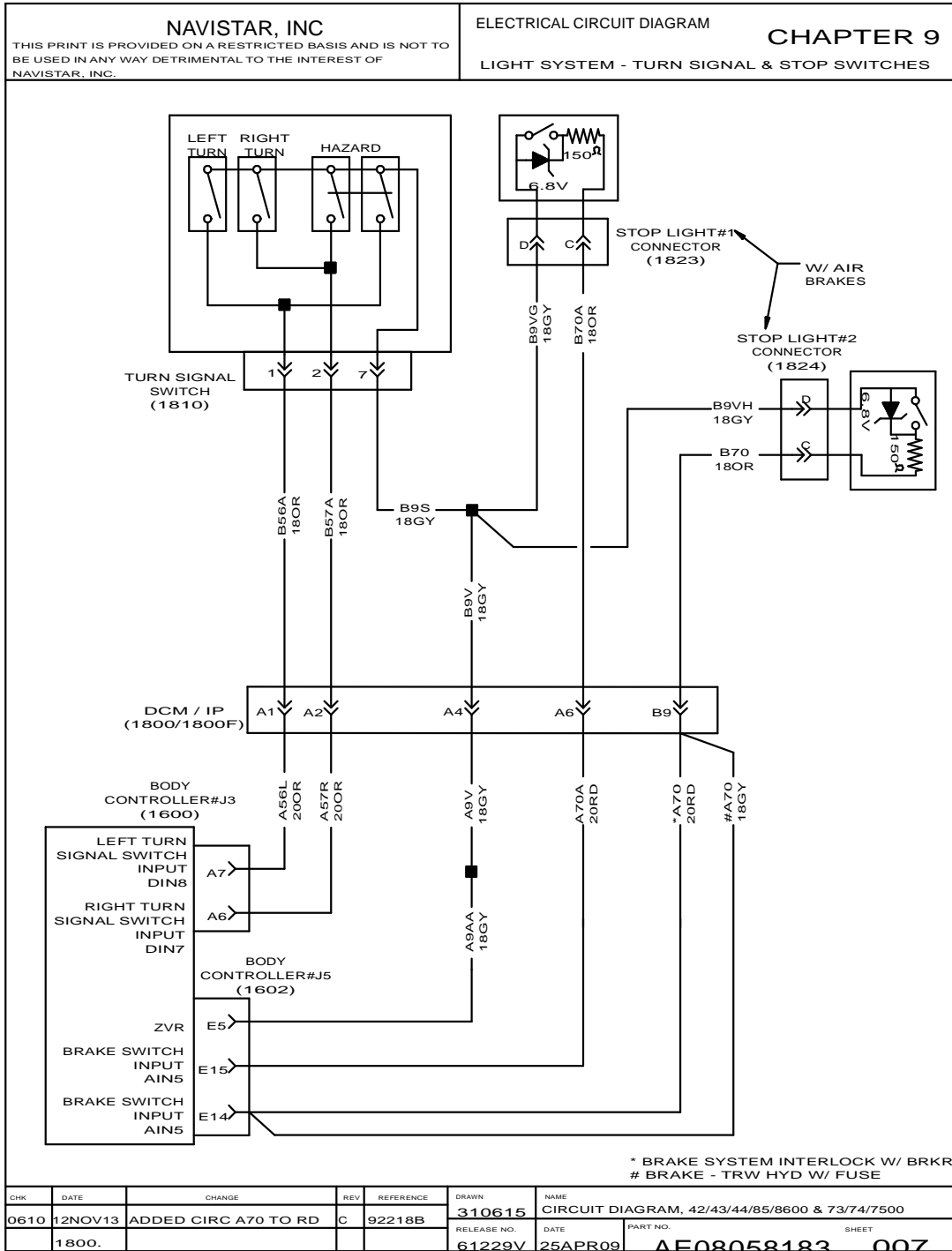


Figure 388 Light Systems – Turn Signal and Stop Switches

9.14. DOME LIGHT, MAP LIGHT, P. 8

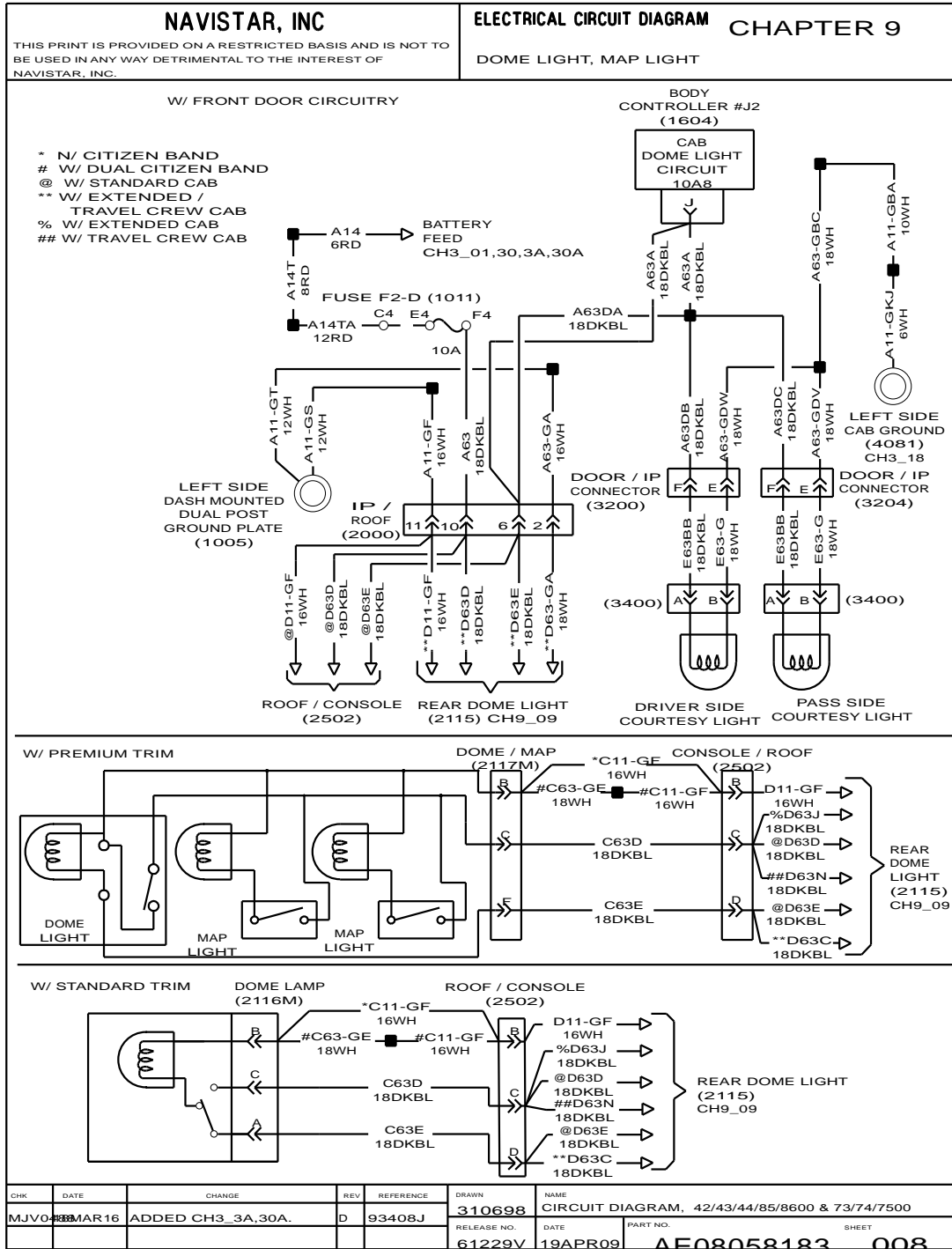


Figure 389 Dome Light, Map Light

9.15. DOME LIGHT, MAP LIGHT (CONT.), P. 9

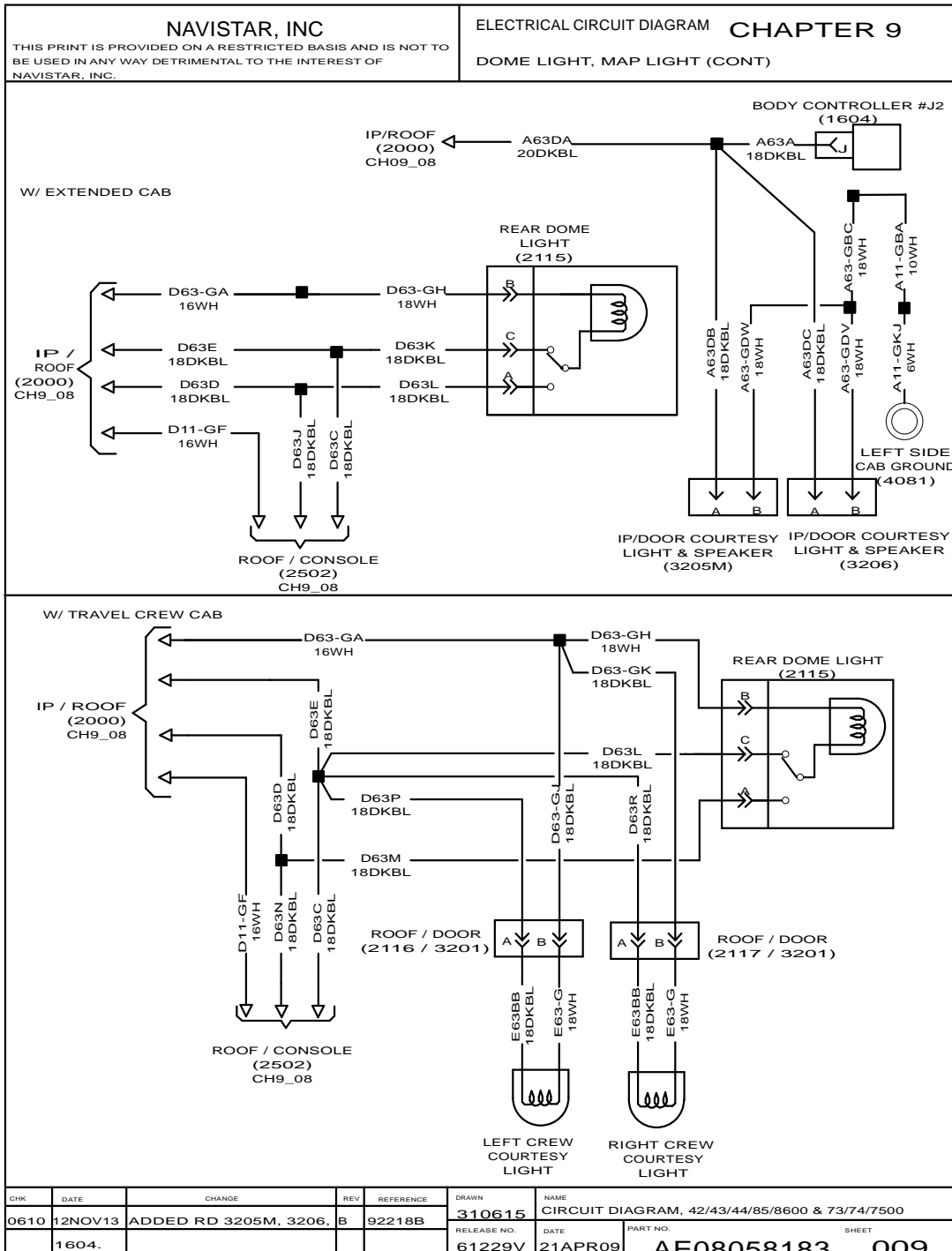


Figure 390 Dome Light, Map Light (Cont.)



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

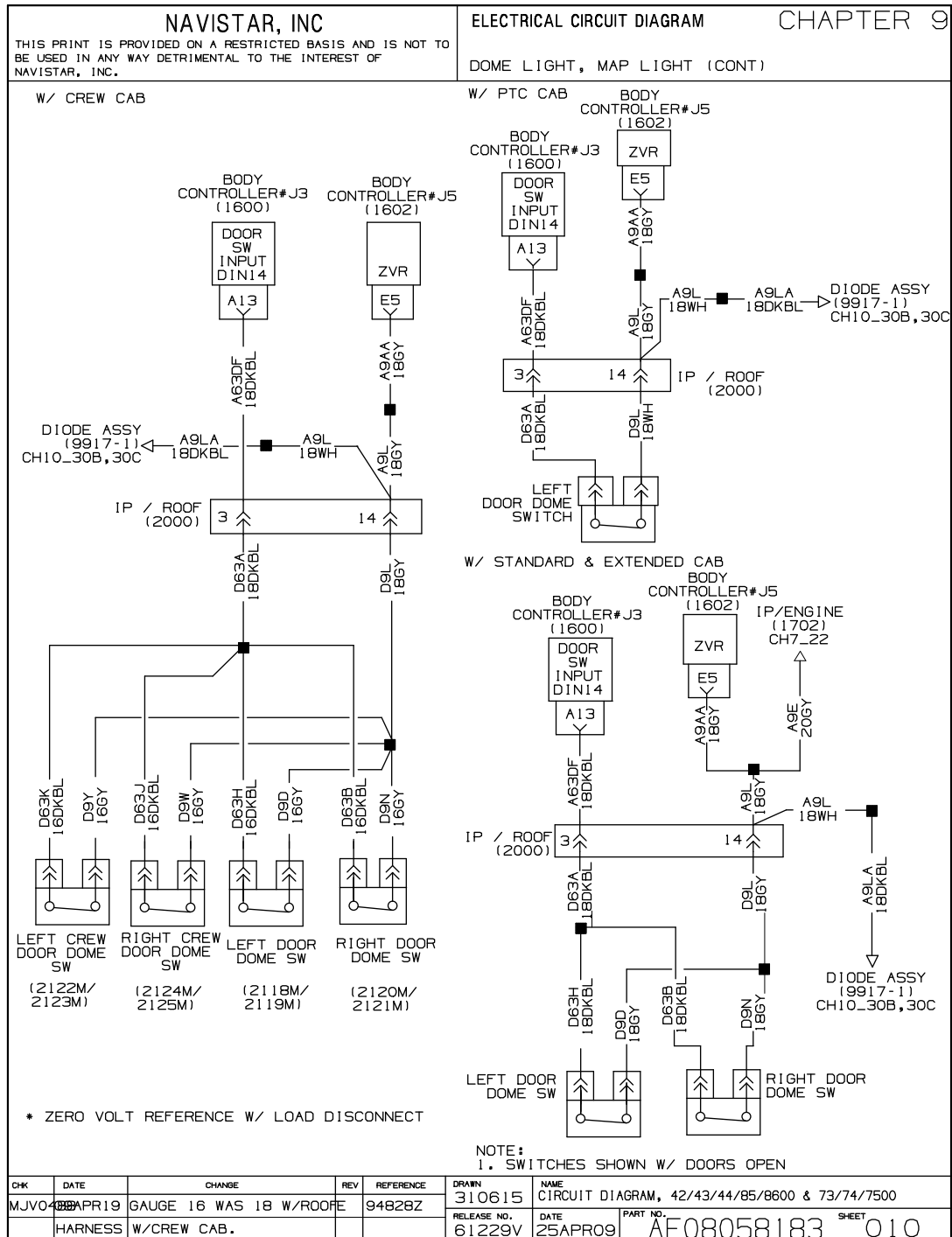


Figure 391 Dome Light, Map Light (Cont.)



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

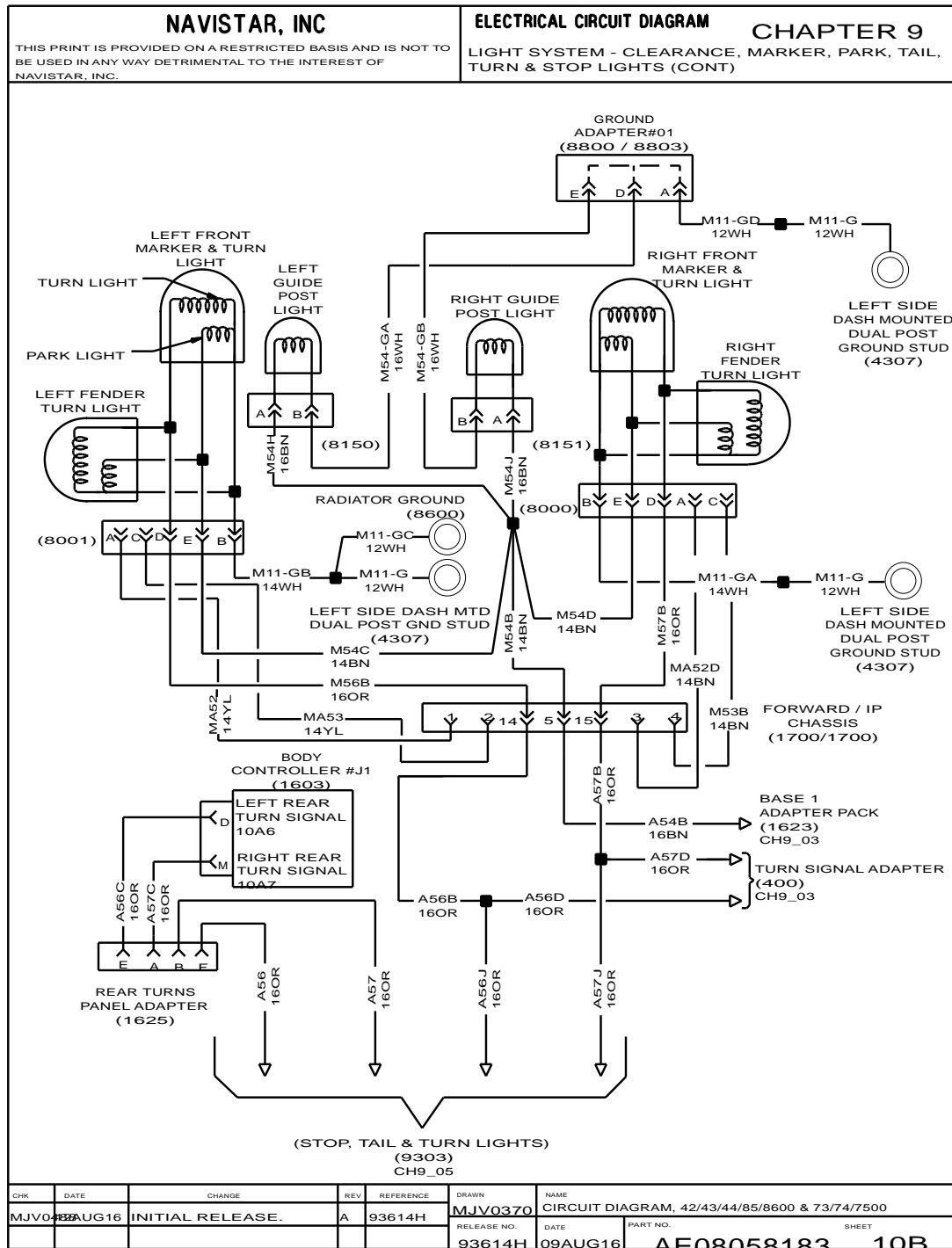


Figure 393 Light System – Clearance, Marker, Park, Tail, Turn and Stop Lights (Cont.)

9.19. DOME LIGHT WITH BENDIX FUSION, P. 10C

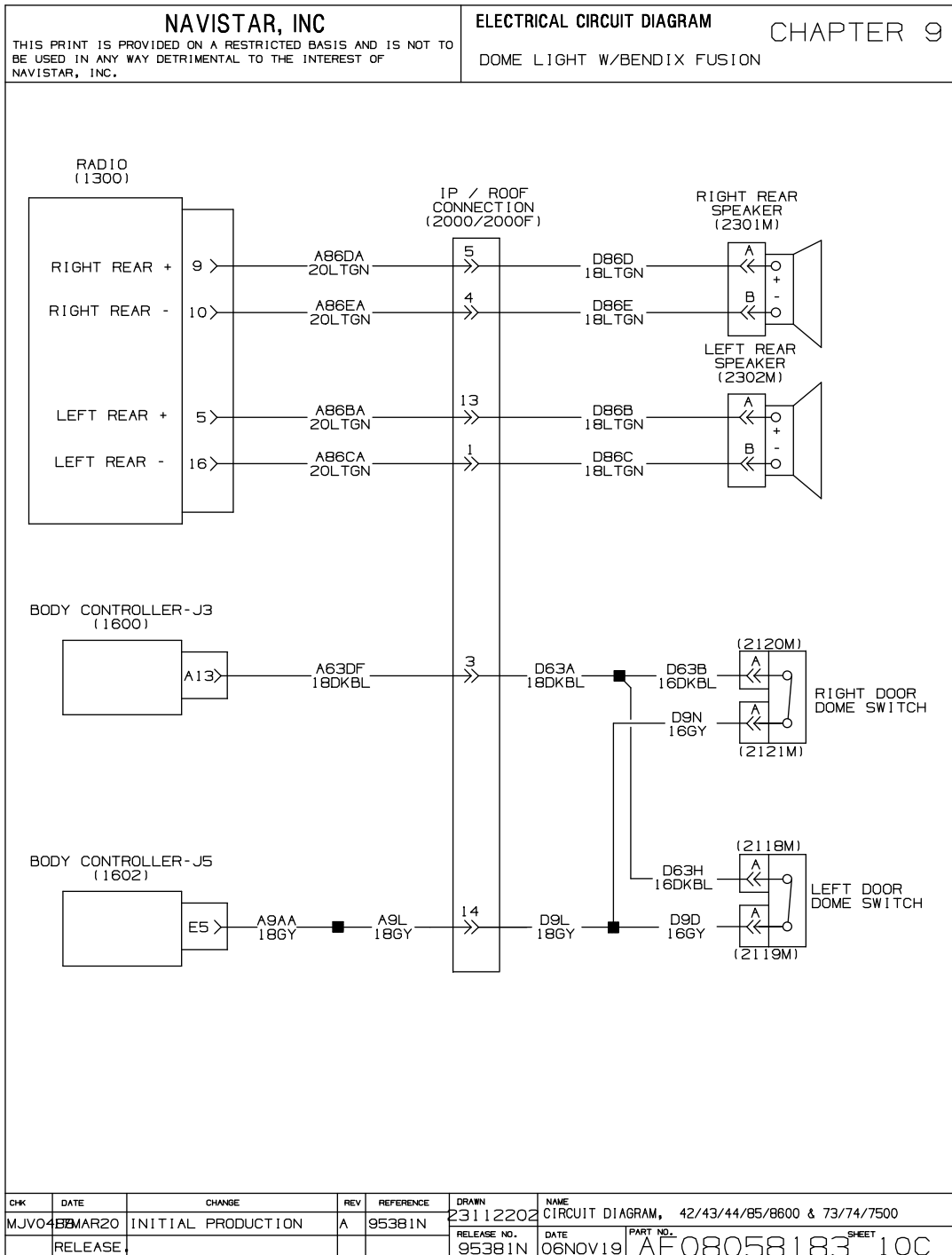


Figure 394 Dome Light with Bendix Fusion

9.20. LIGHT SYSTEM, FOG LIGHT, P. 11

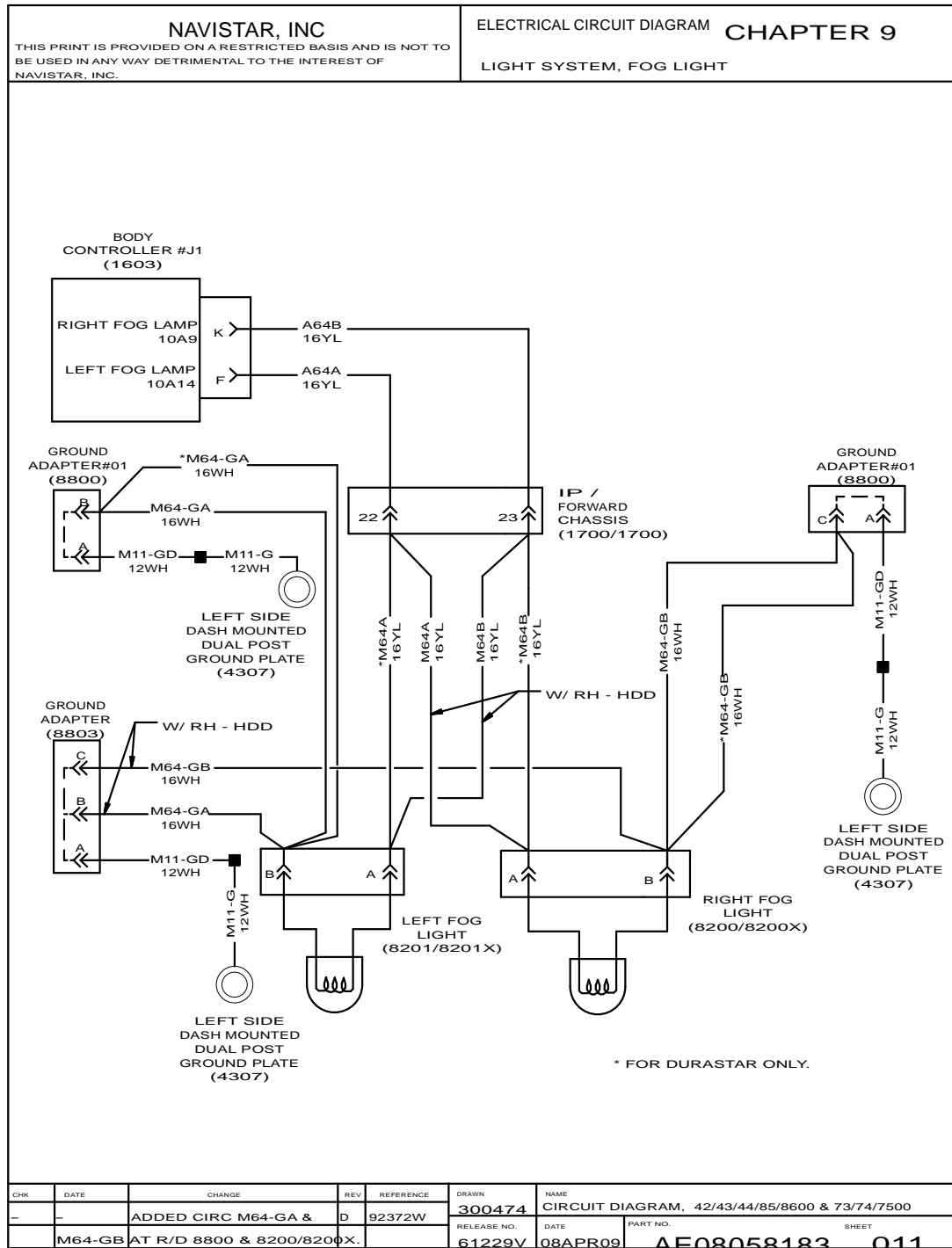


Figure 395 Light System, Fog Light

9.21. HEADLIGHTS, P. 12

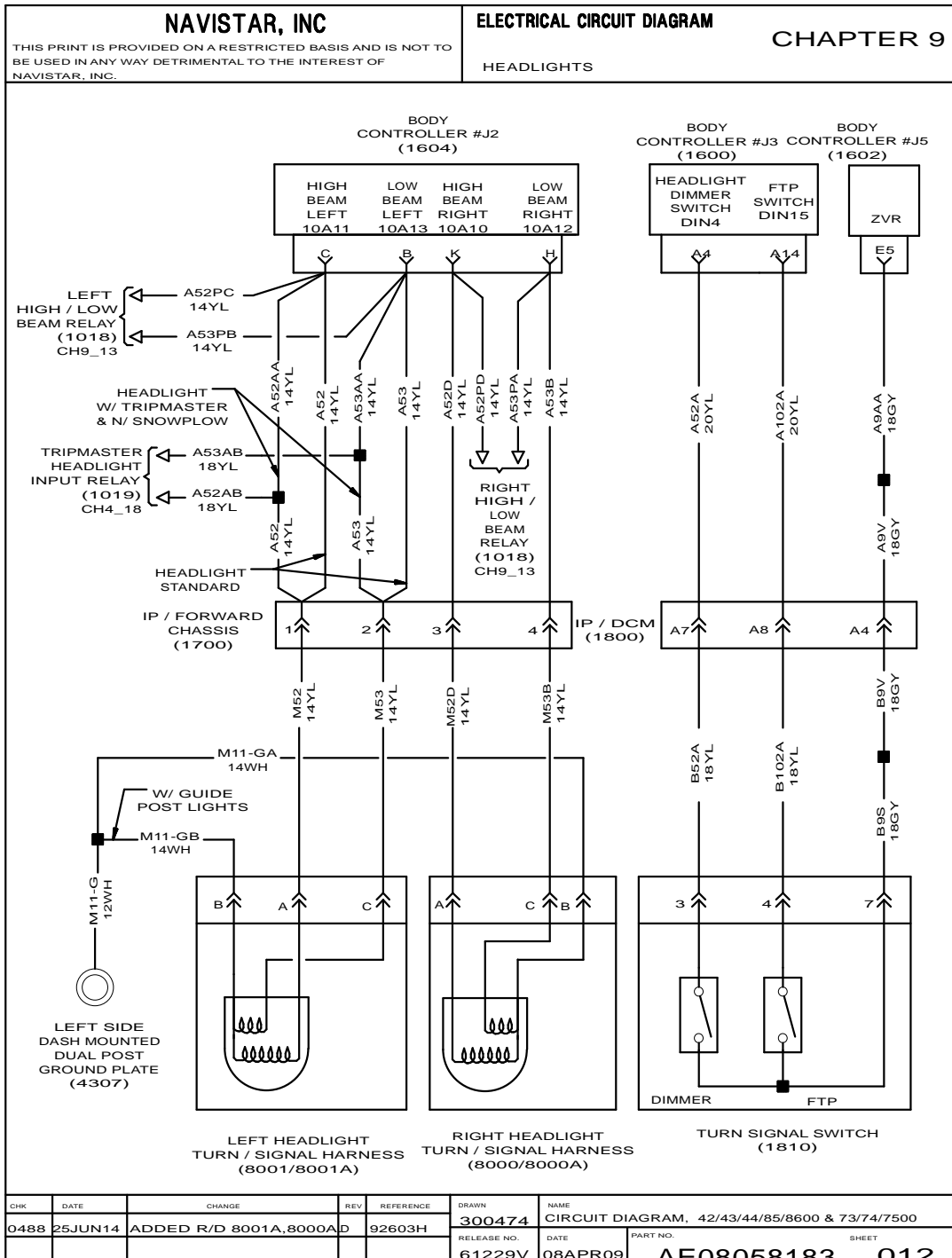


Figure 396 Headlights

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

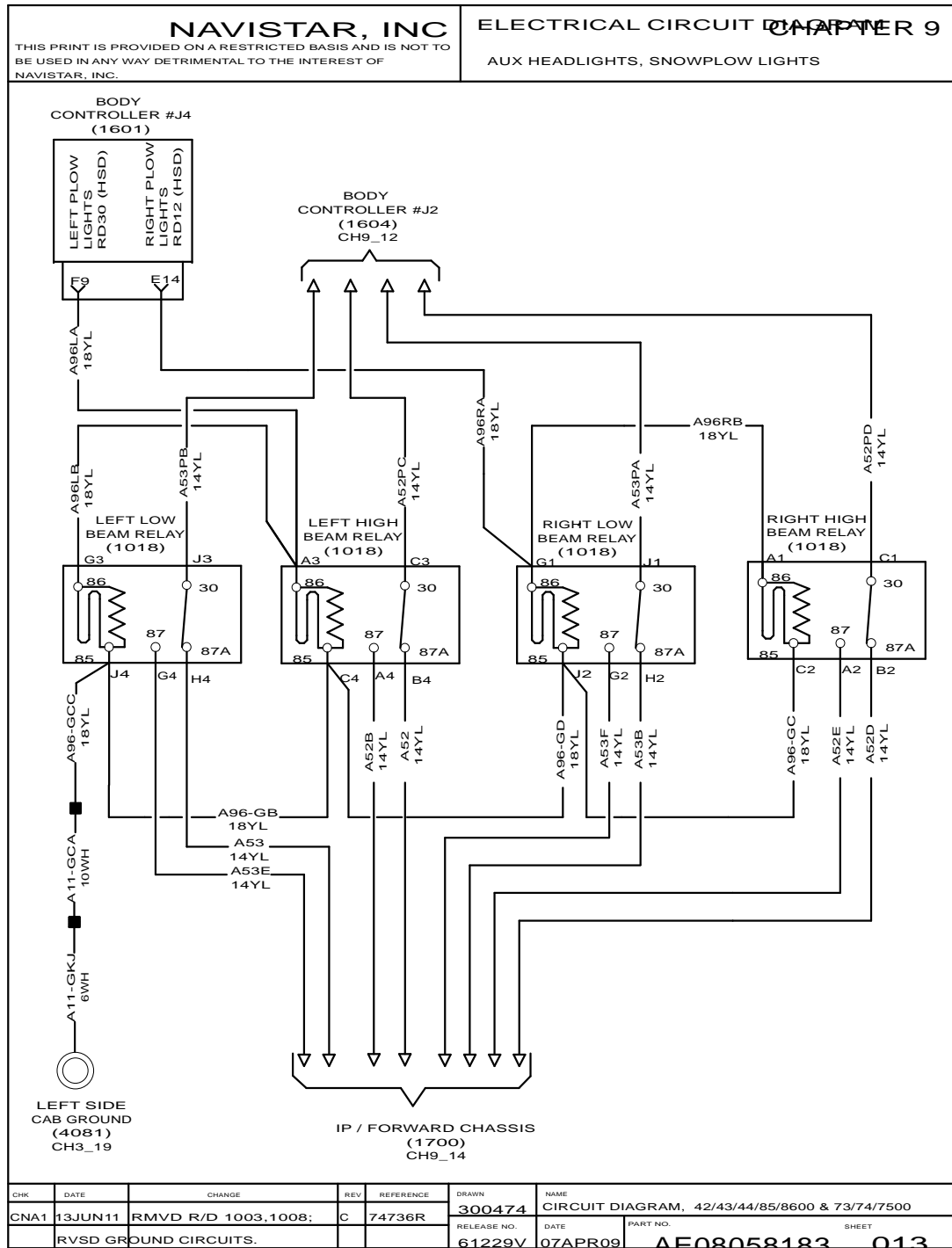


Figure 397 Auxiliary Headlights, Snow Plow Lights

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

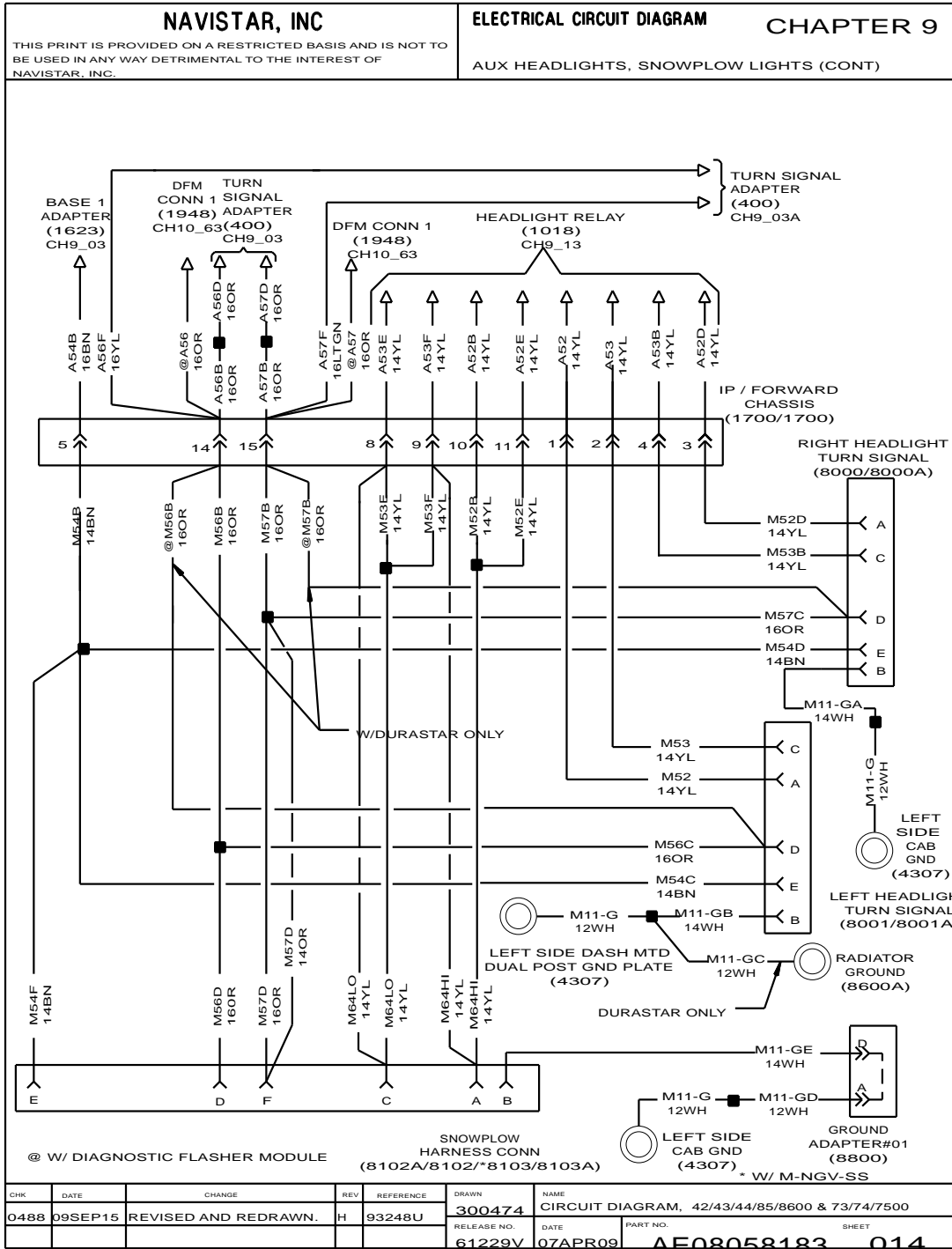


Figure 398 Auxiliary Headlights, Snow Plow Lights (Cont.)



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

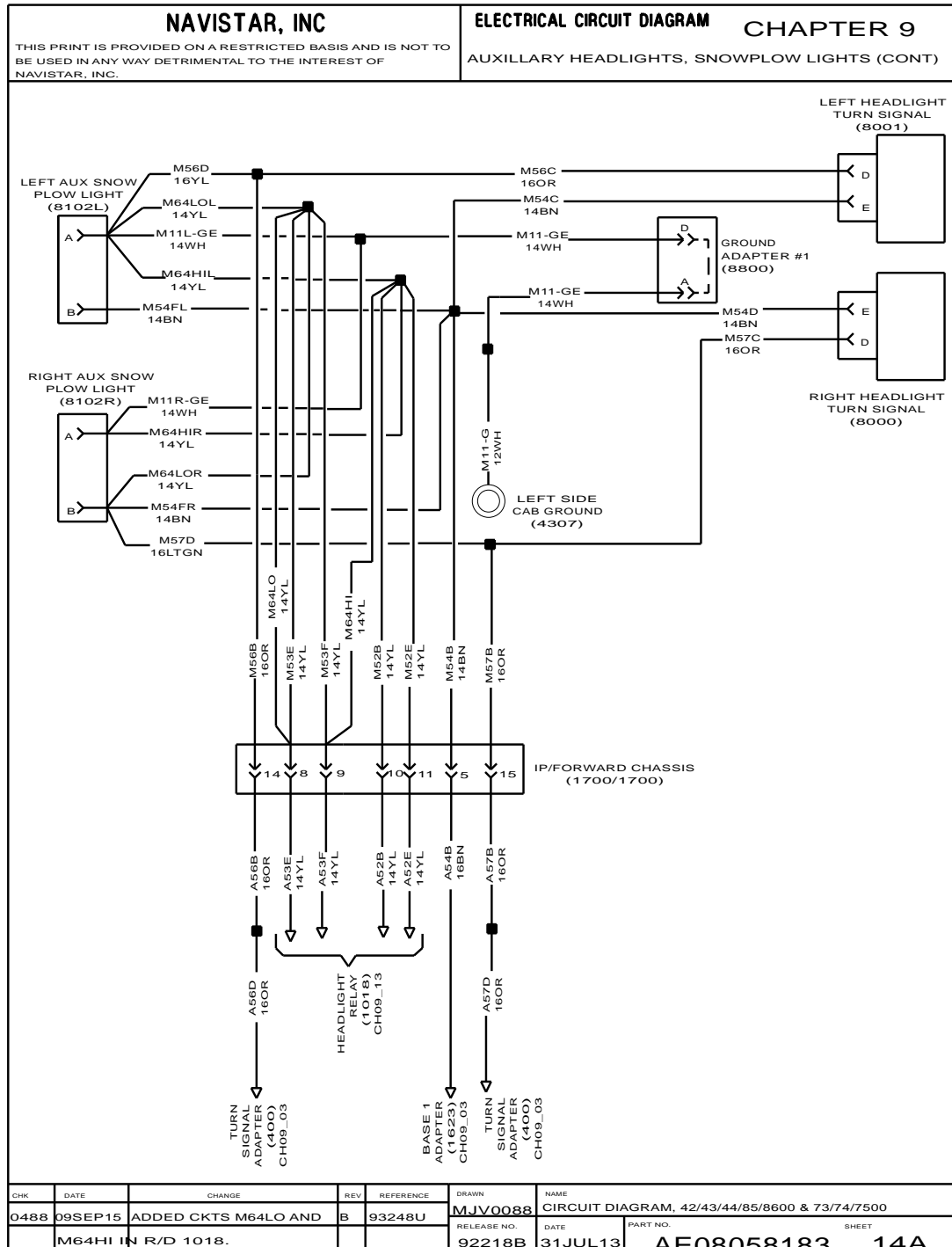


Figure 399 Auxiliary Headlights, Snow Plow Lights (Cont.)

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

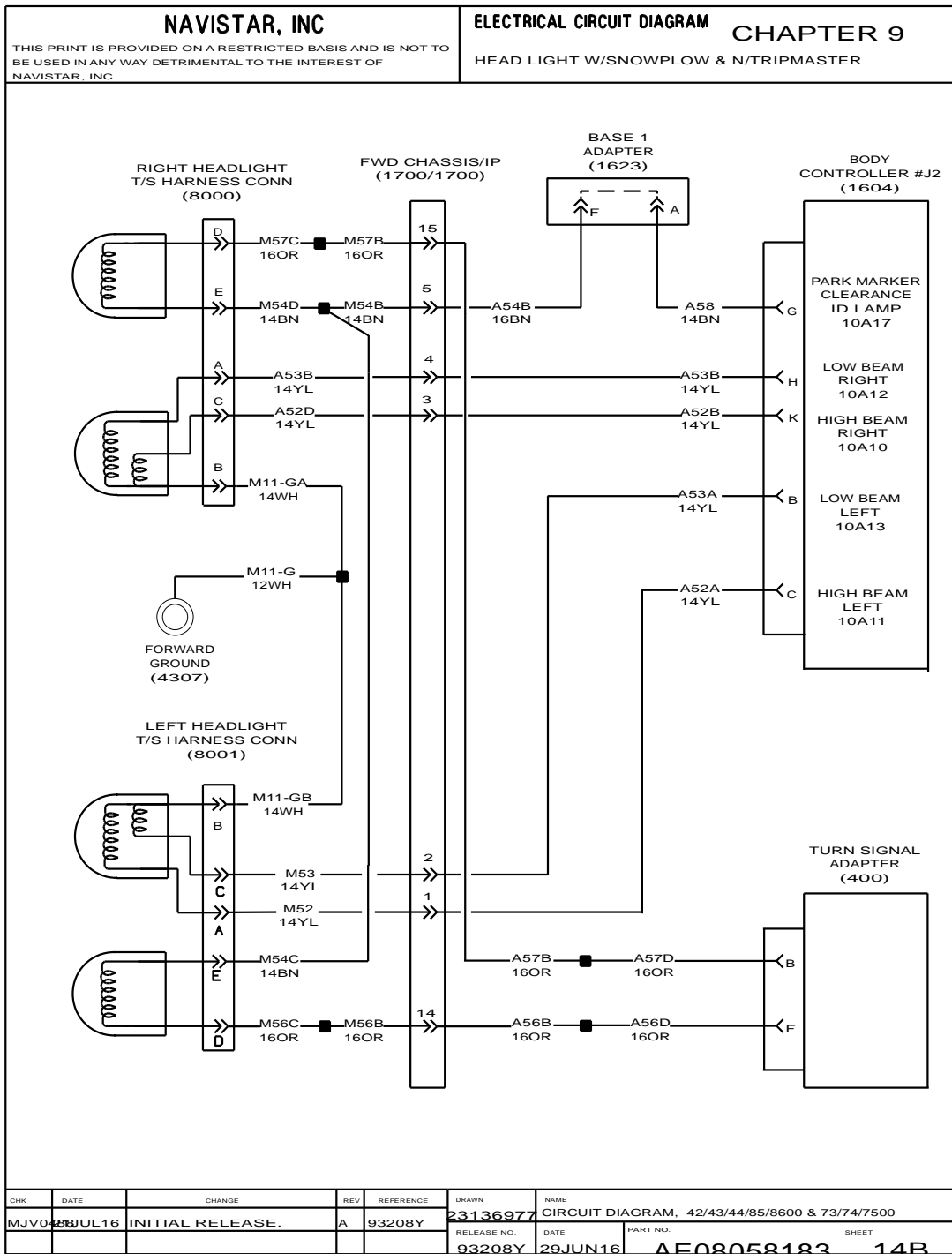


Figure 400 Headlights with Snow Plow Lights Without Tripmaster (Cont.)

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

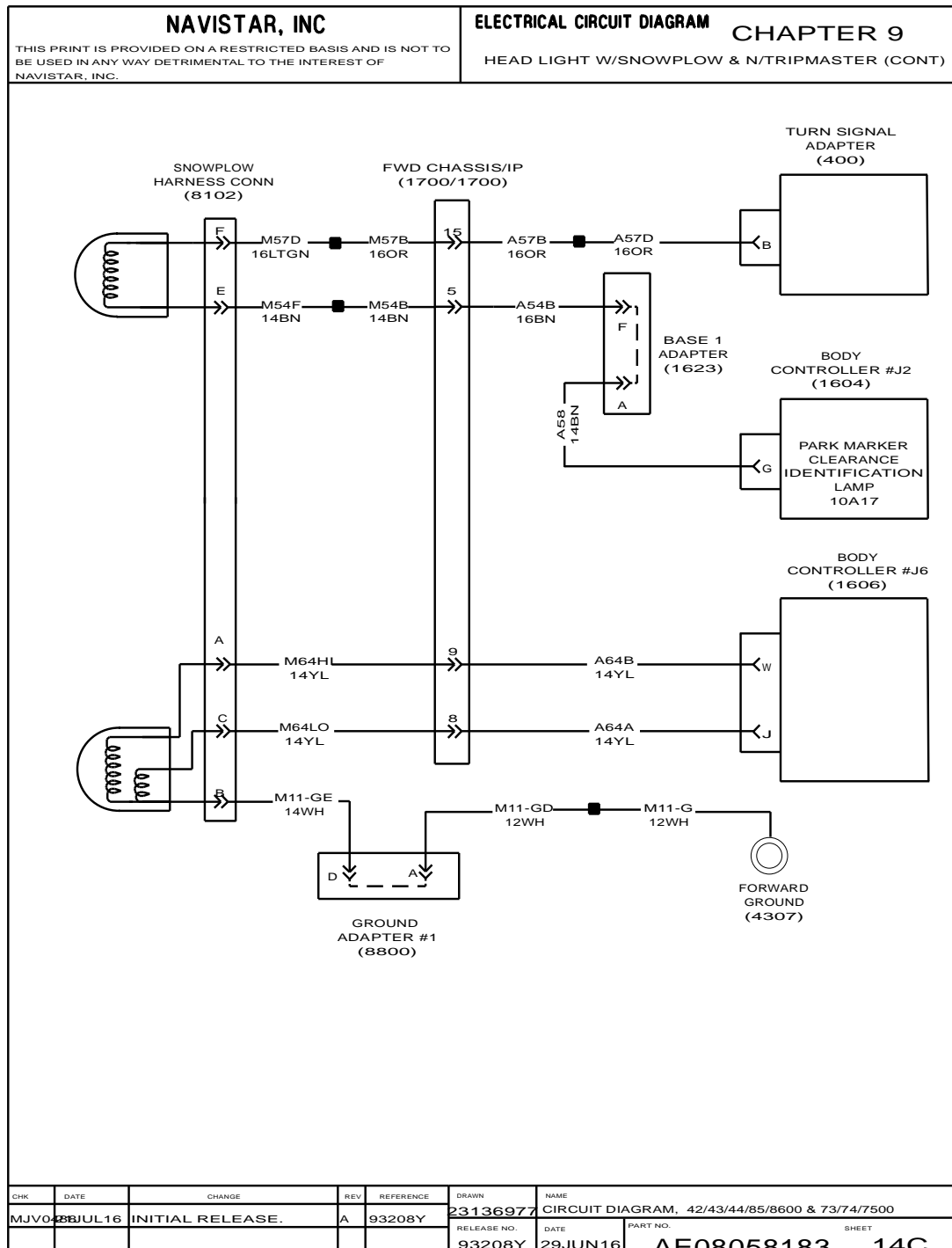


Figure 401 Headlights with Snow Plow Lights Without Tripmaster (Cont.)

9.27. PANEL LIGHTS, P. 15

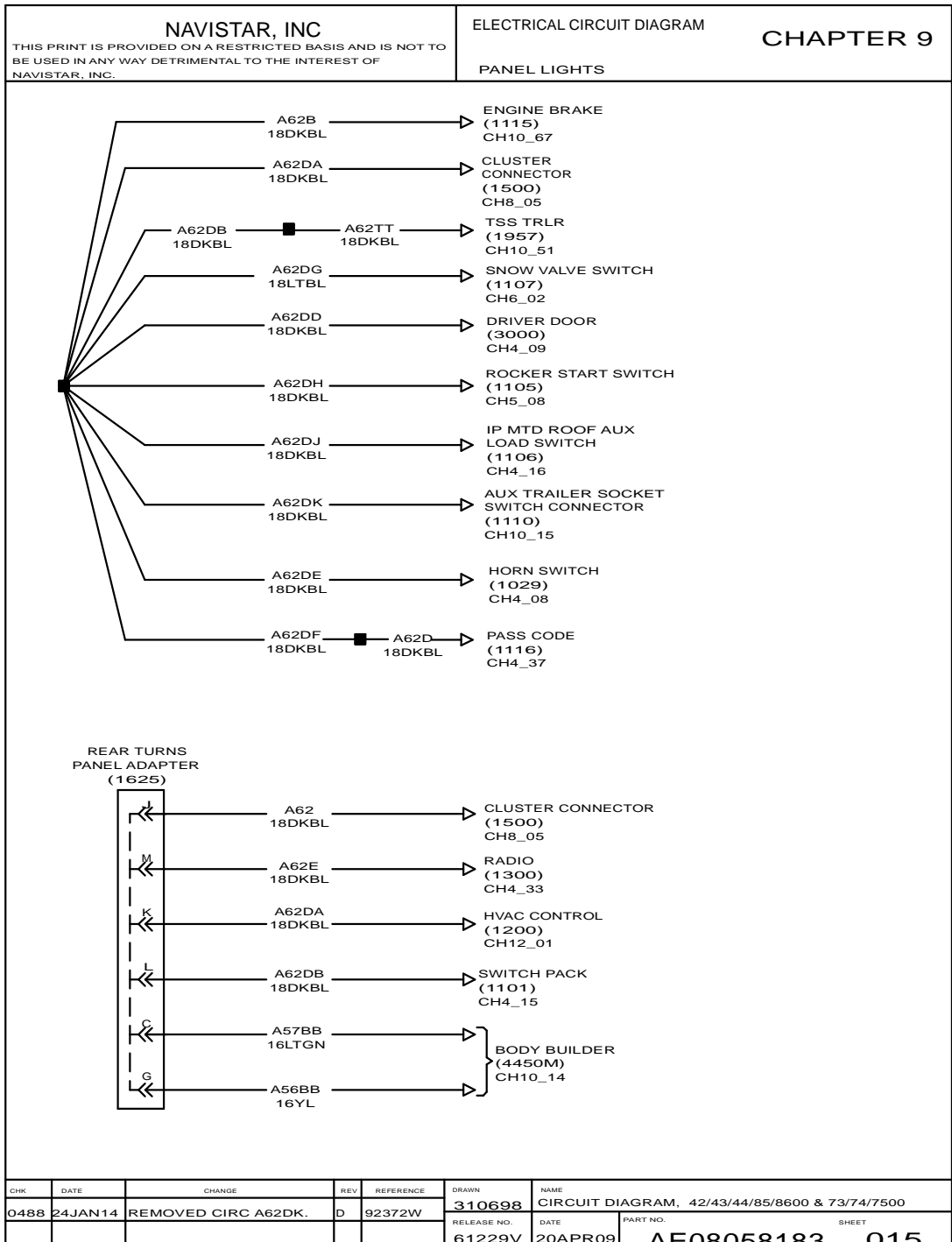


Figure 402 Panel Lights

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

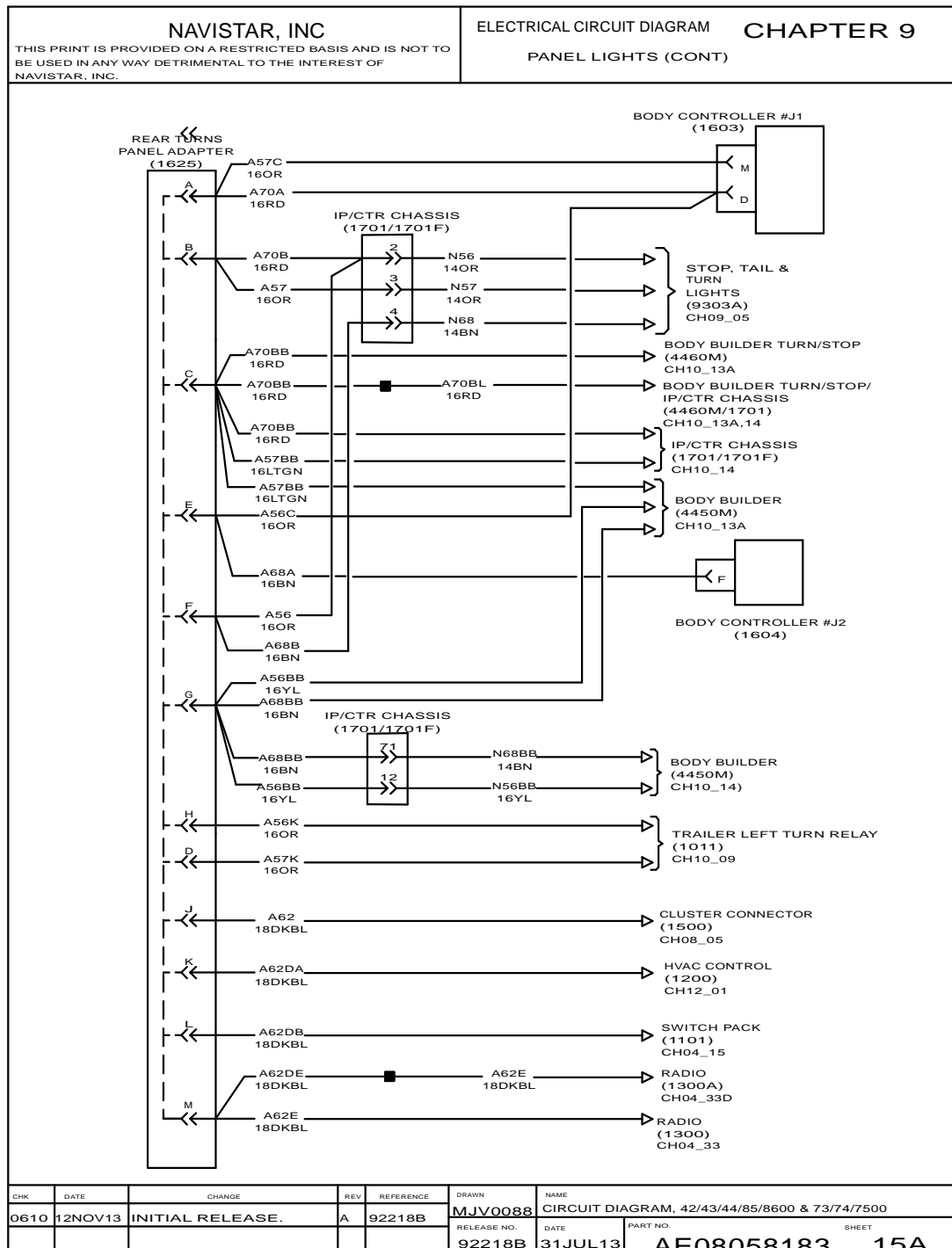


Figure 403 Panel Lights (Cont.)

9.29. LIGHT SYSTEM, WORK LIGHT, P. 16

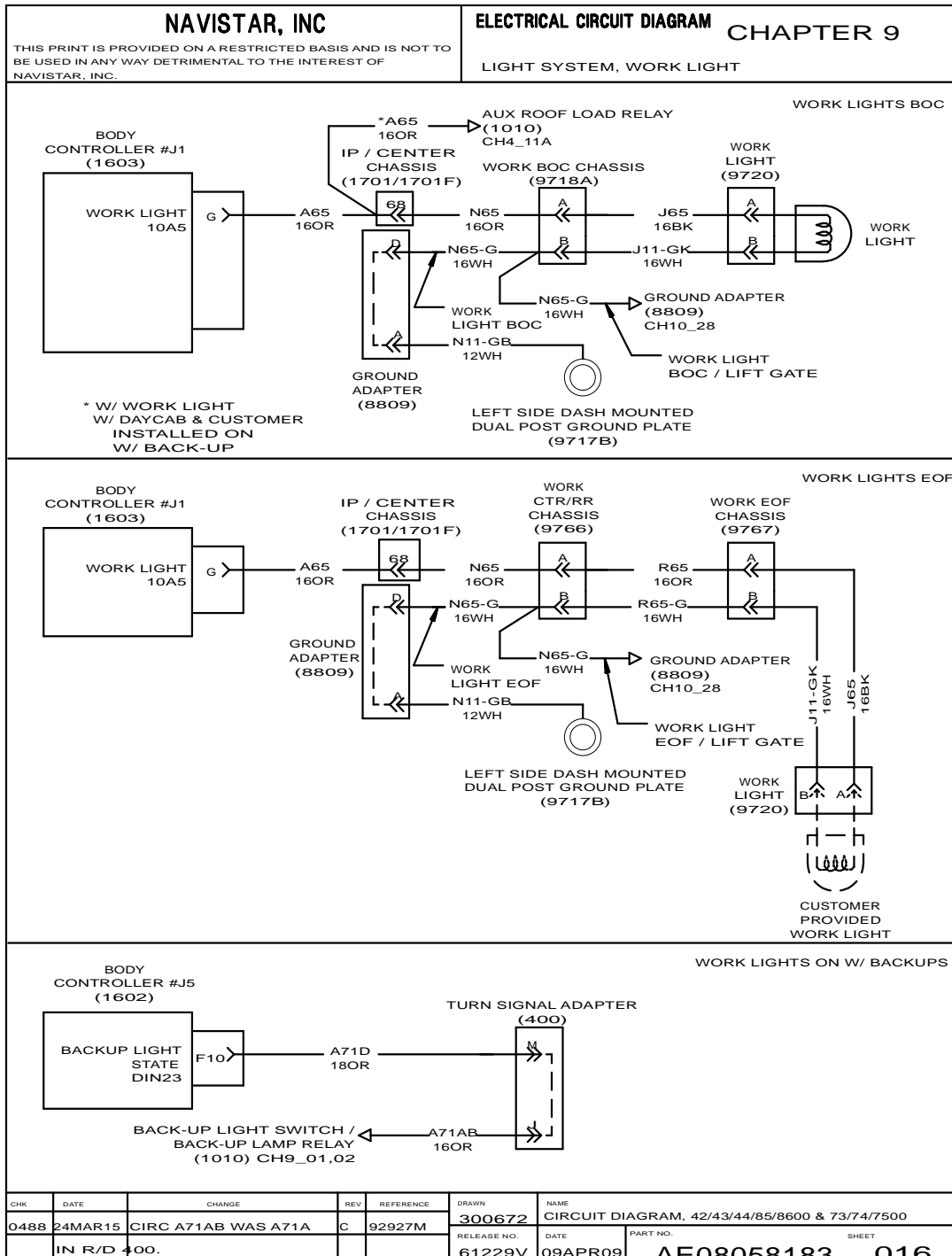


Figure 404 Light System, Work Light

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

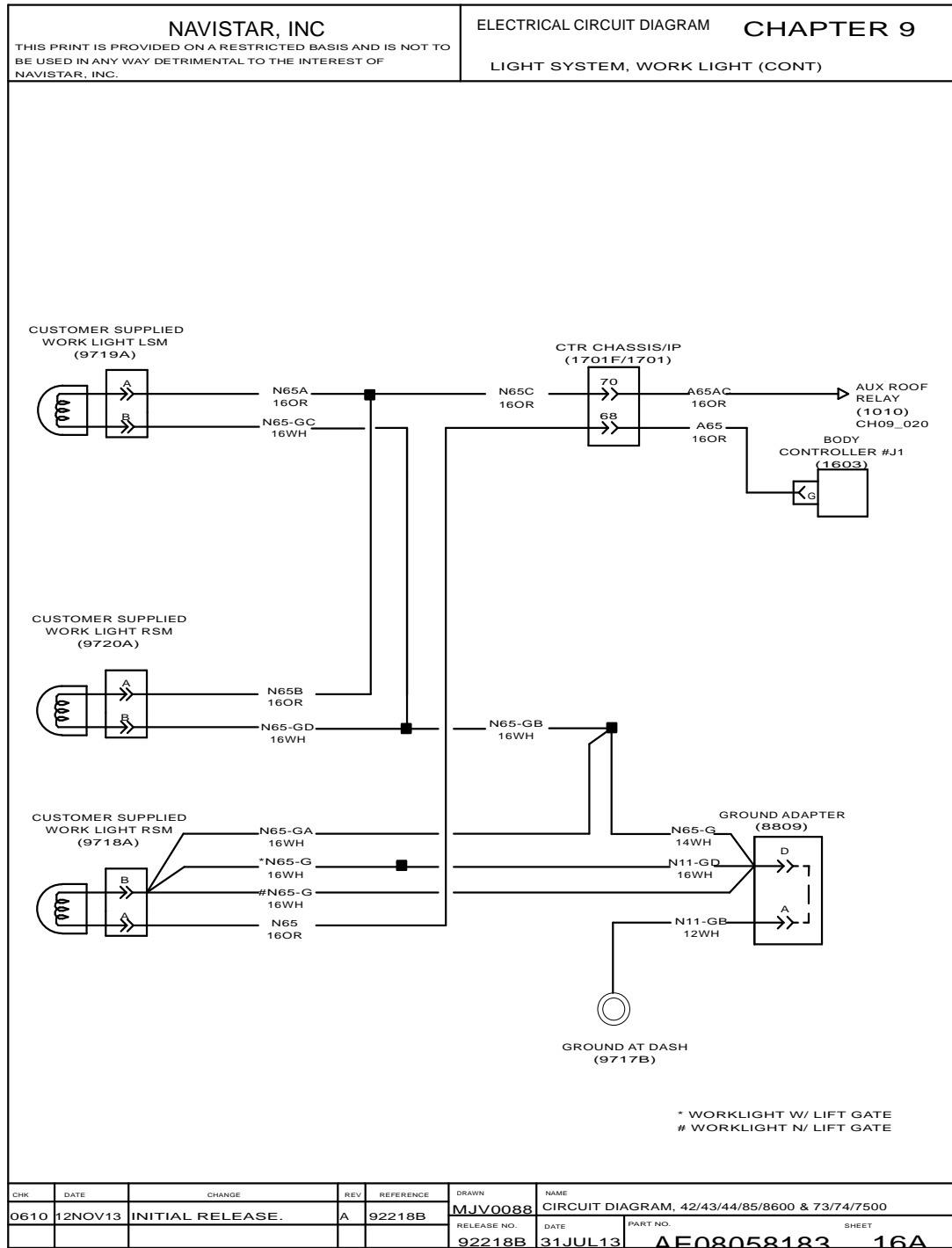


Figure 405 Light System, Work Light (Cont.)

9.31. CUSTOMER SUPPLIED WORK LIGHT WIRING, P. 17

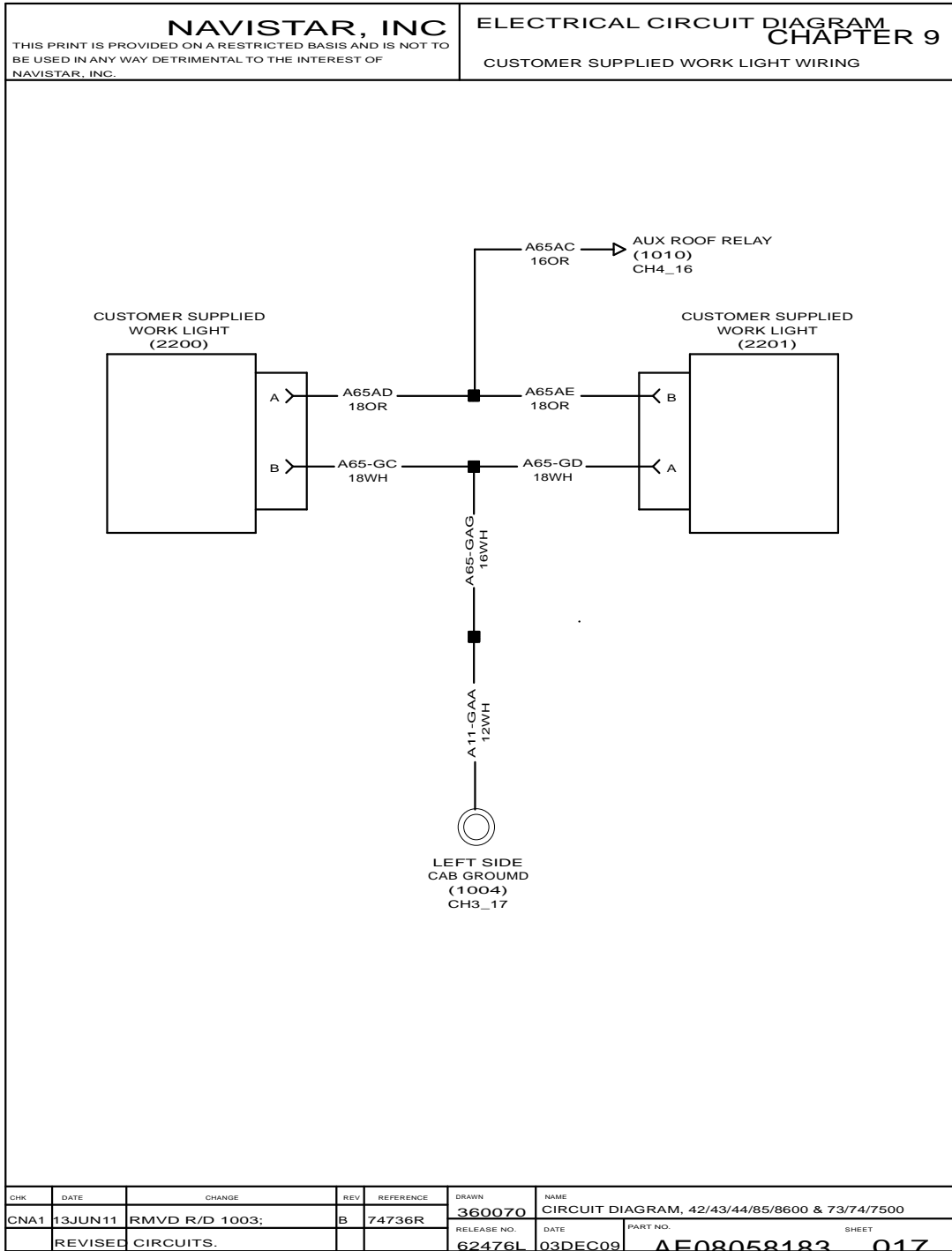


Figure 406 Customer Supplied Work Light Wiring



9.32. INTENTIONALLY LEFT BLANK, P. 18

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>				<b>CHAPTER 9</b>			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.								INTENTIONALLY LEFT BLANK			
INTENTIONALLY LEFT BLANK											
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME					
M.JVO	16AUG16	REMOVED GEOMETRY.	C	93614H	U021681	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500					
					RELEASE NO.	DATE	PART NO.	SHEET			
					76737G	16JUN11	AE08058183	018			

Figure 407 Intentionally Left Blank

9.33. INTENTIONALLY LEFT BLANK, P. 19

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INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
M.JVO	16 AUG 16	REMOVED GEOMETRY.	B	93614H	U021681	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
					RELEASE NO.	DATE	PART NO.      SHEET
					76737G	16 JUN 11	AE08058183      019

Figure 408 Intentionally Left Blank

9.34. CUSTOMER SUPPLIED LIGHTS, P. 20

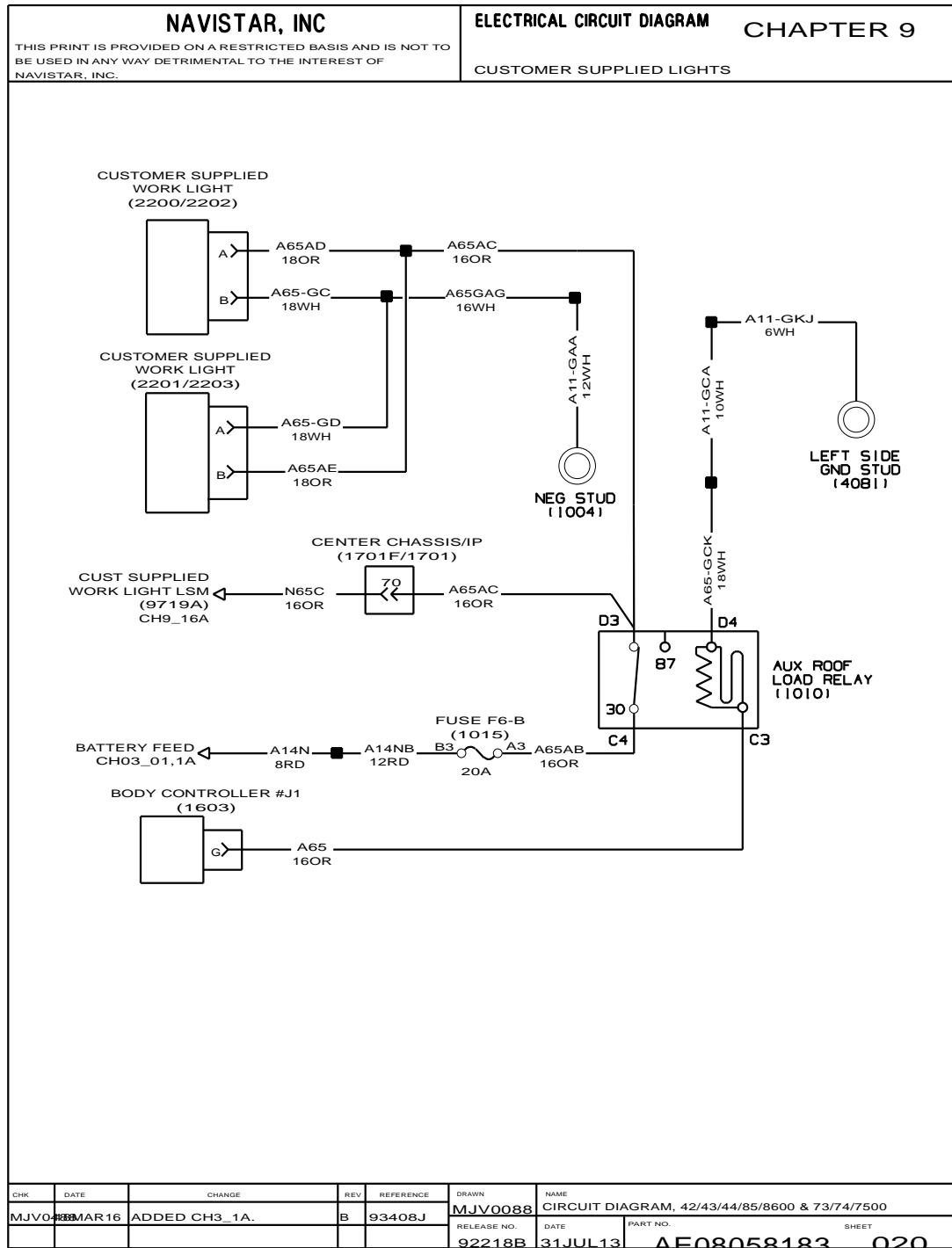


Figure 409 Customer Supplied Lights

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

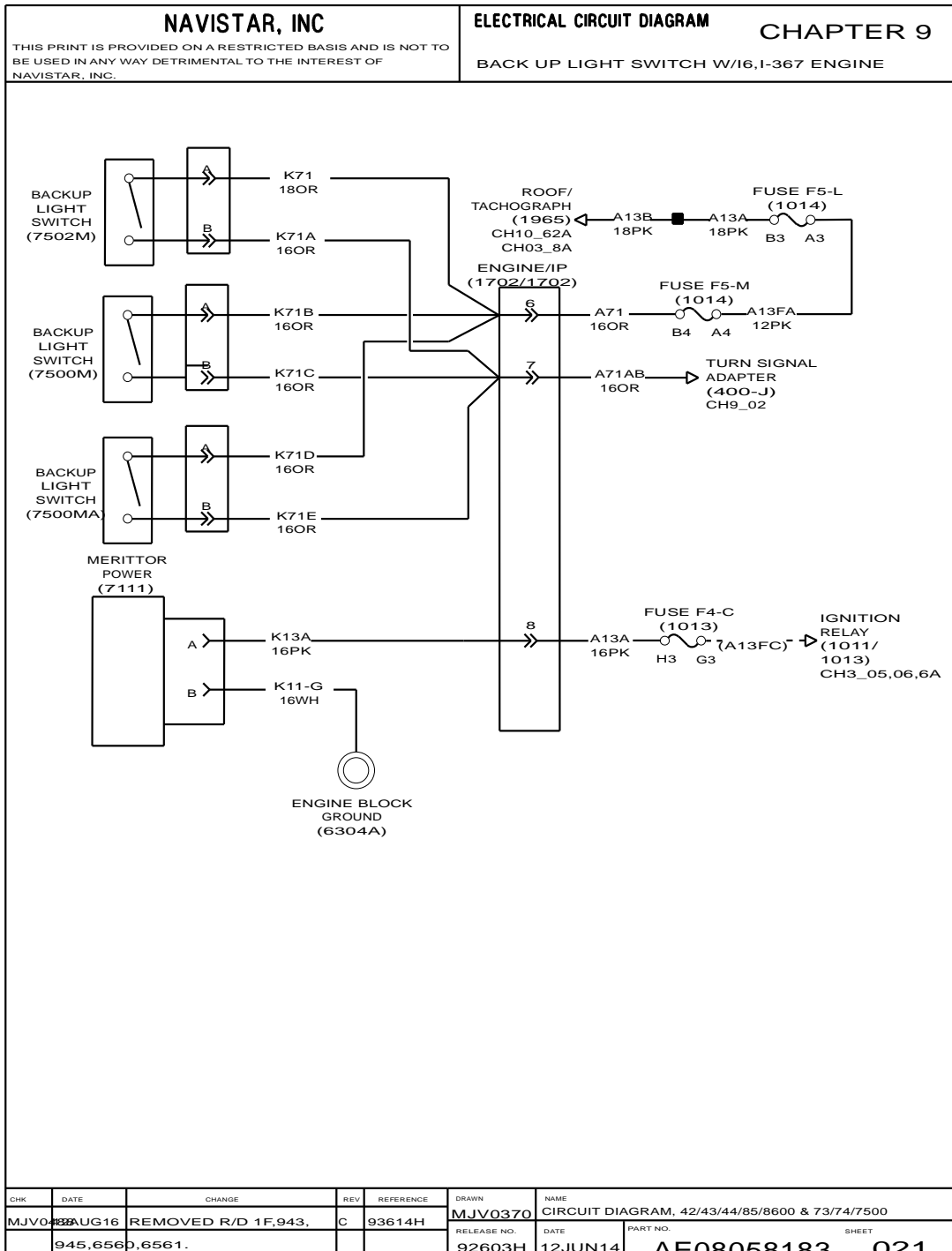


Figure 410 Back Up Light Switch with I6, I-367 Engine

# CHASSIS ACCESSORIES (CHAPTER 10)

## 10.1. ABS – BENDIX AIR, P. 1

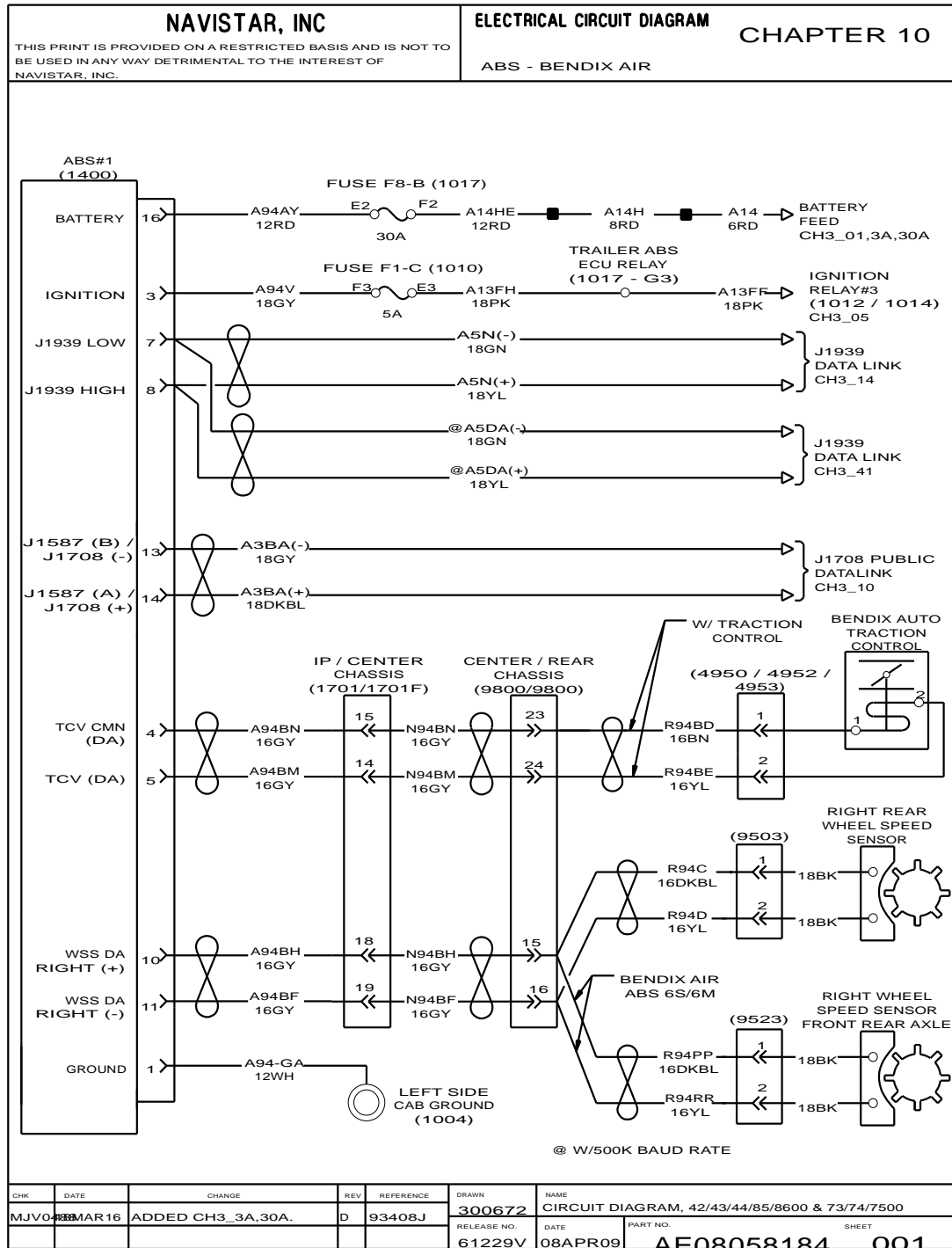


Figure 411 ABS – Bendix Air

10.2. ABS – BENDIX AIR (CONT.), P. 2

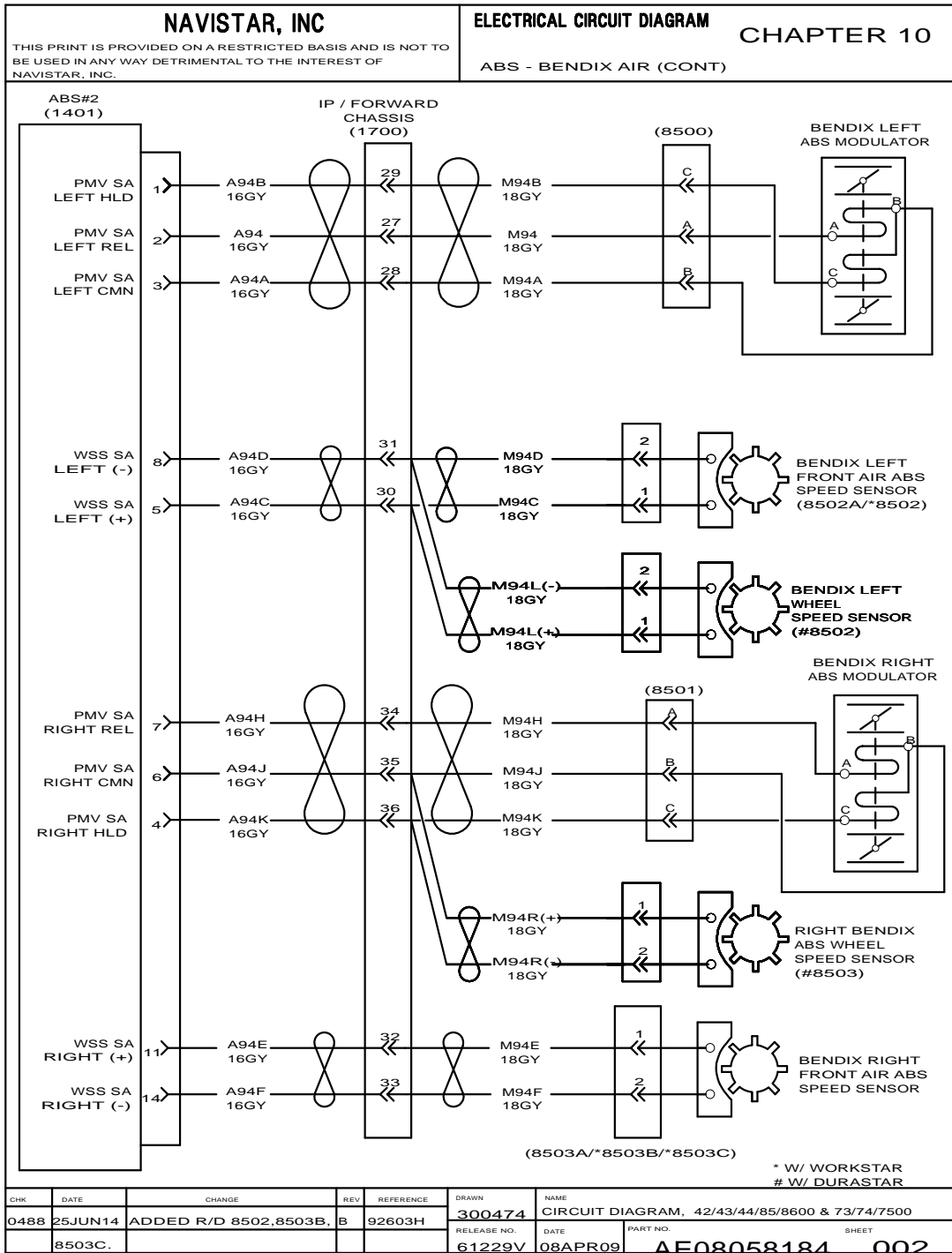


Figure 412 ABS – Bendix Air (Cont.)

10.3. ABS – BENDIX AIR (CONT.), P. 3

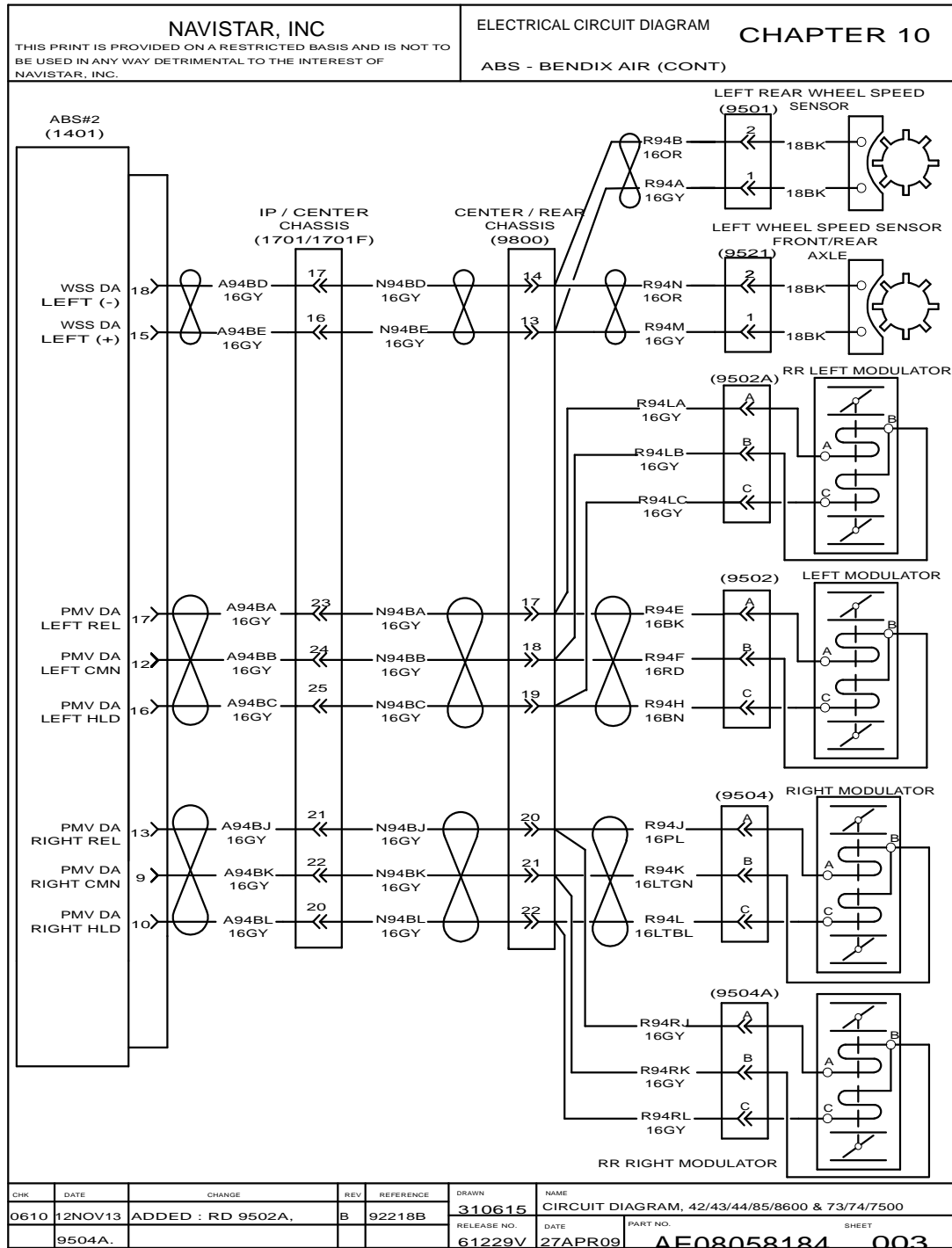


Figure 413 ABS – Bendix Air (Cont.)

10.4. ABS – BENDIX AIR (CONT.), P. 3A

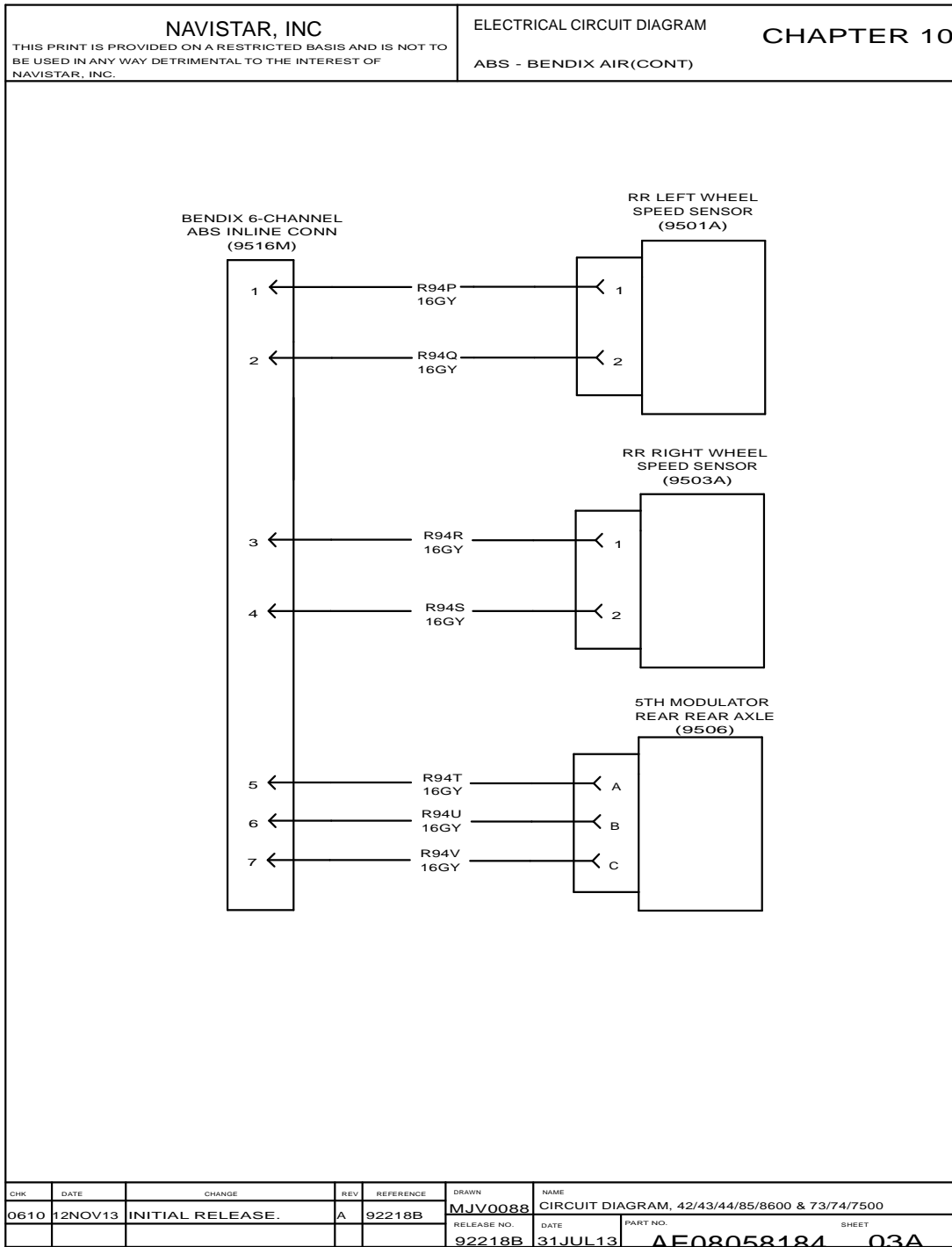


Figure 414 ABS – Bendix Air (Cont.)



10.5. ABS – WABCO AIR 4S / 4M, P. 4

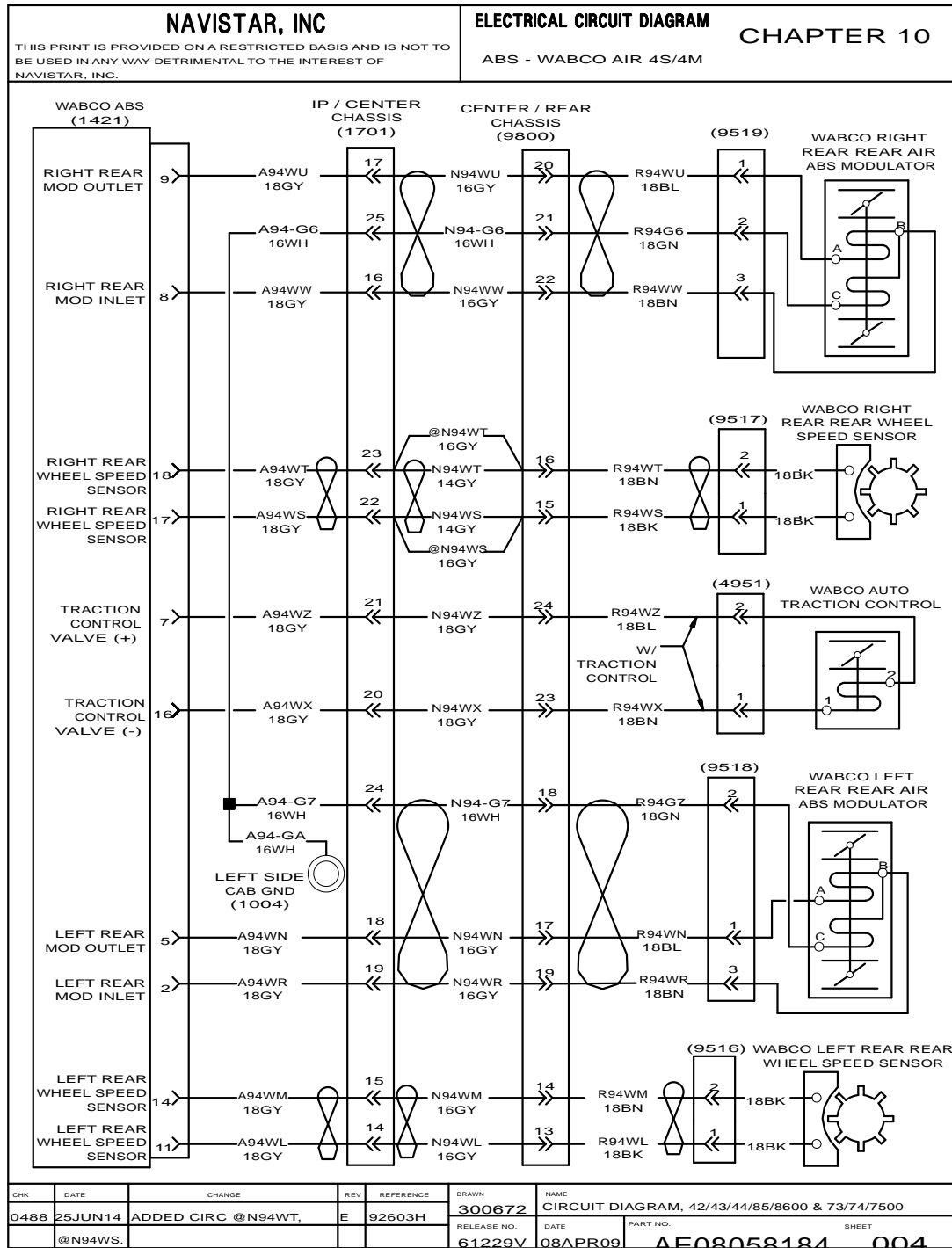


Figure 415 ABS – WABCO Air 4S / 4M

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

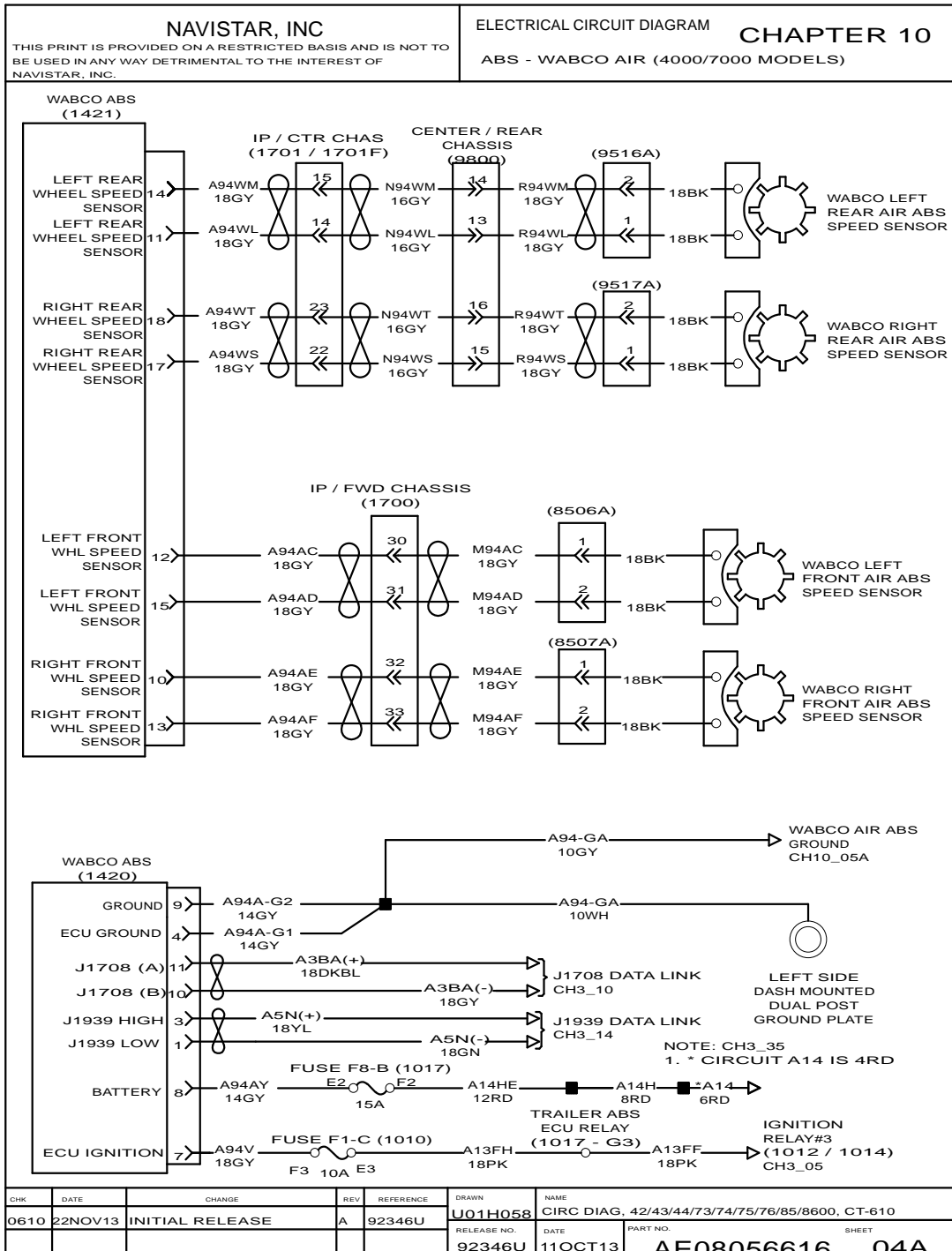


Figure 416 ABS – WABCO Air (4000 / 7000 Models)

10.7. ABS – WABCO AIR (CONT.), P. 5

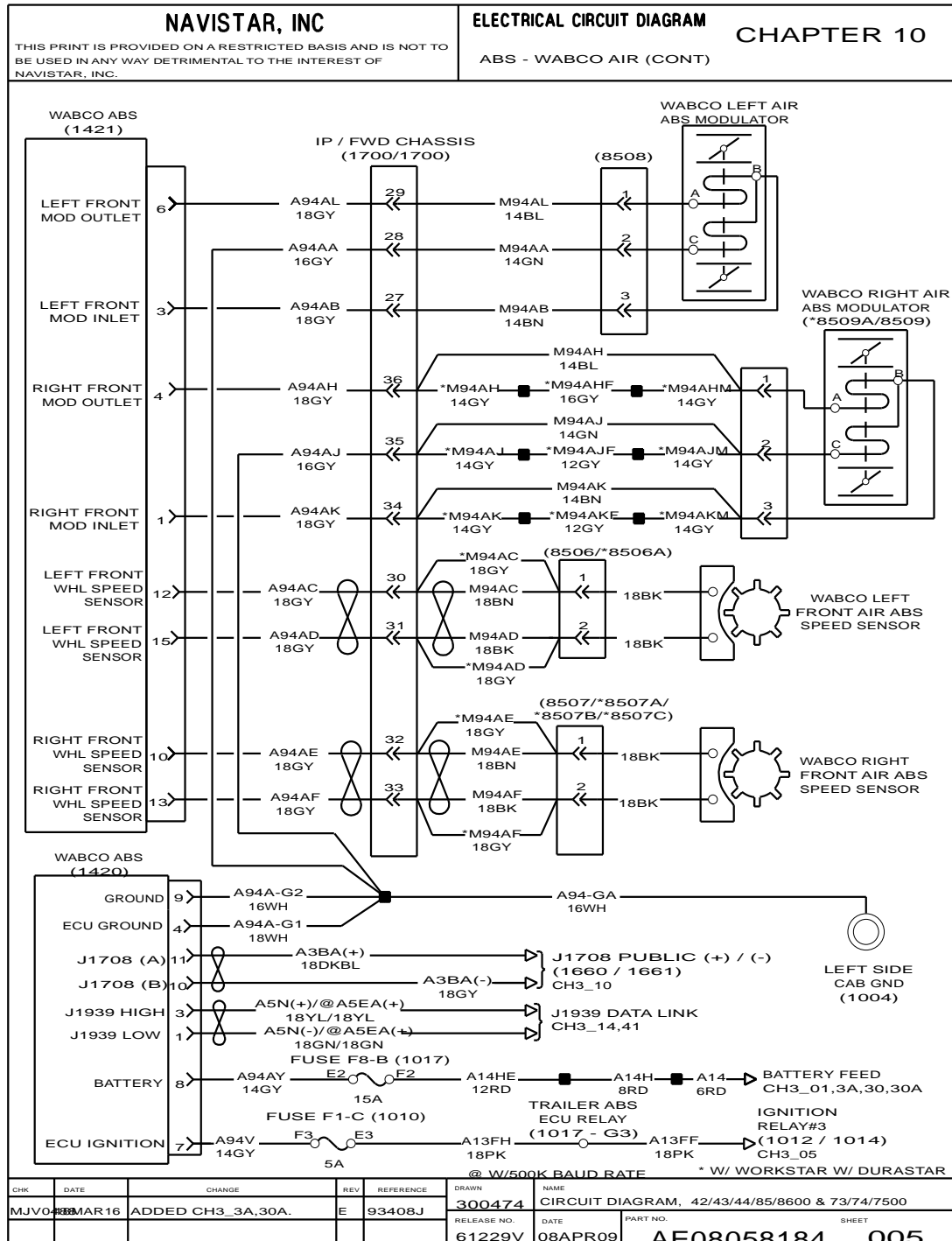


Figure 417 ABS – WABCO Air (Cont.)

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

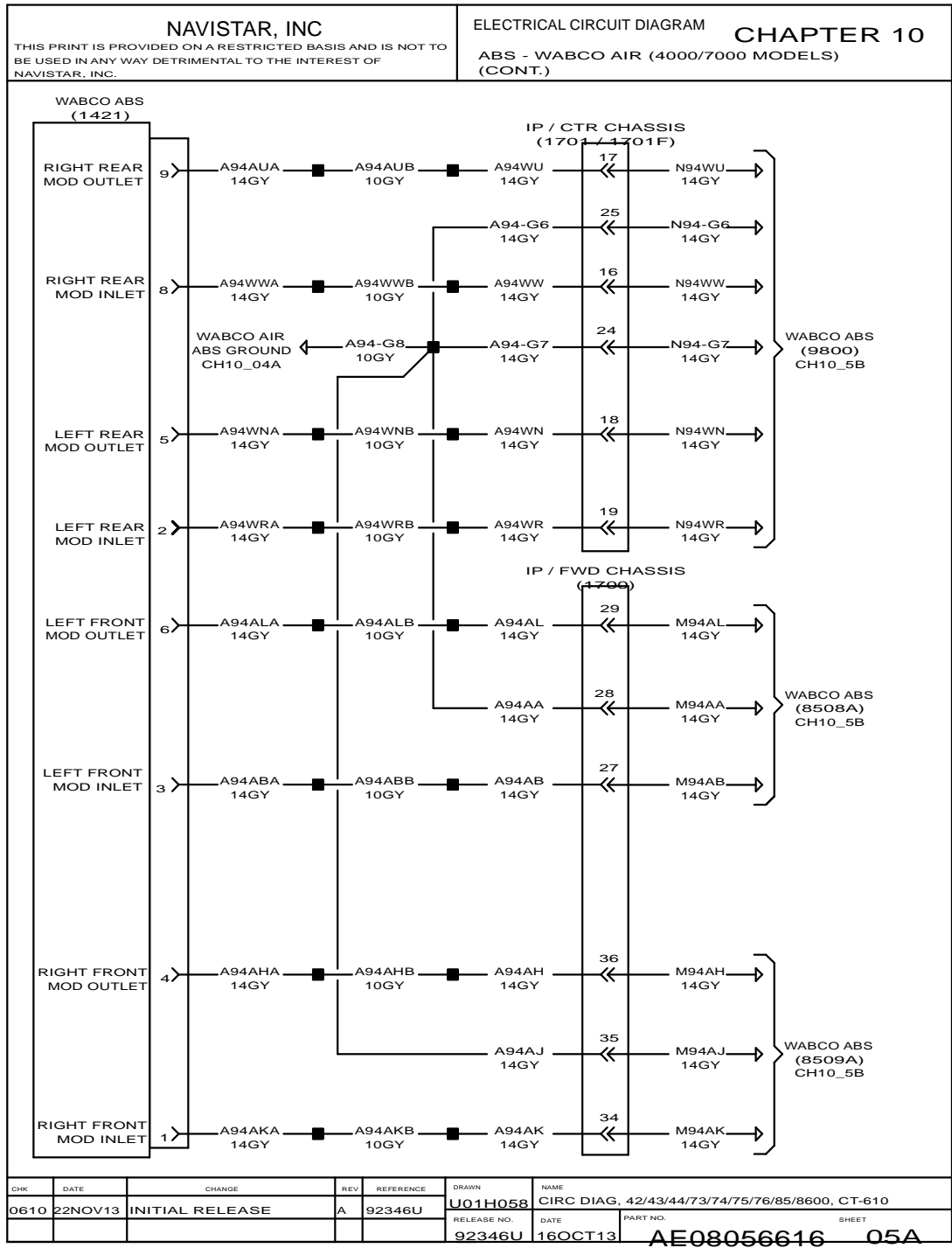


Figure 418 ABS – WABCO Air (4000 / 7000 Models) (Cont.)

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

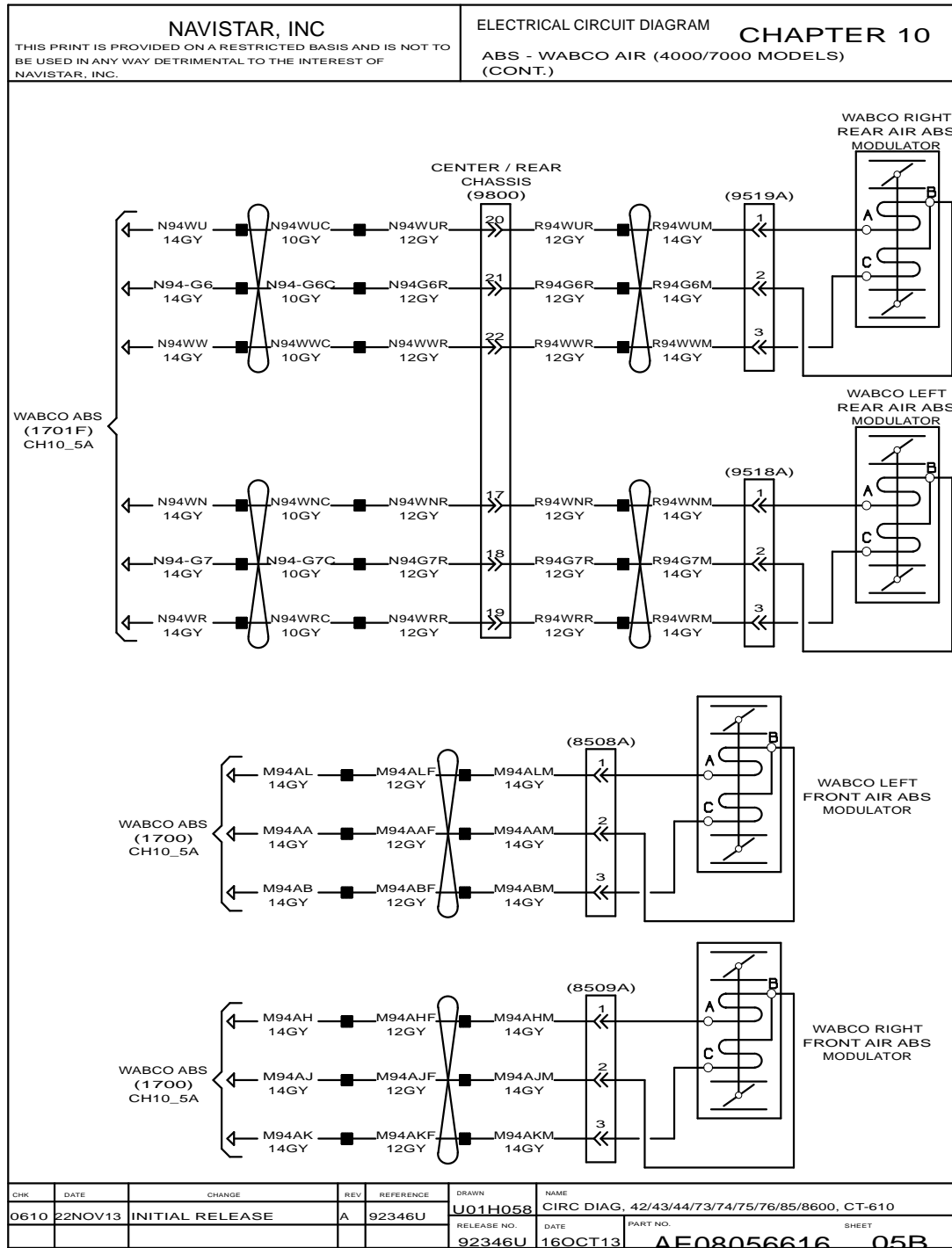


Figure 419 ABS – WABCO Air (4000 / 7000 Models) (Cont.)

10.10. WABCO FULL POWER BRAKES, P. 6

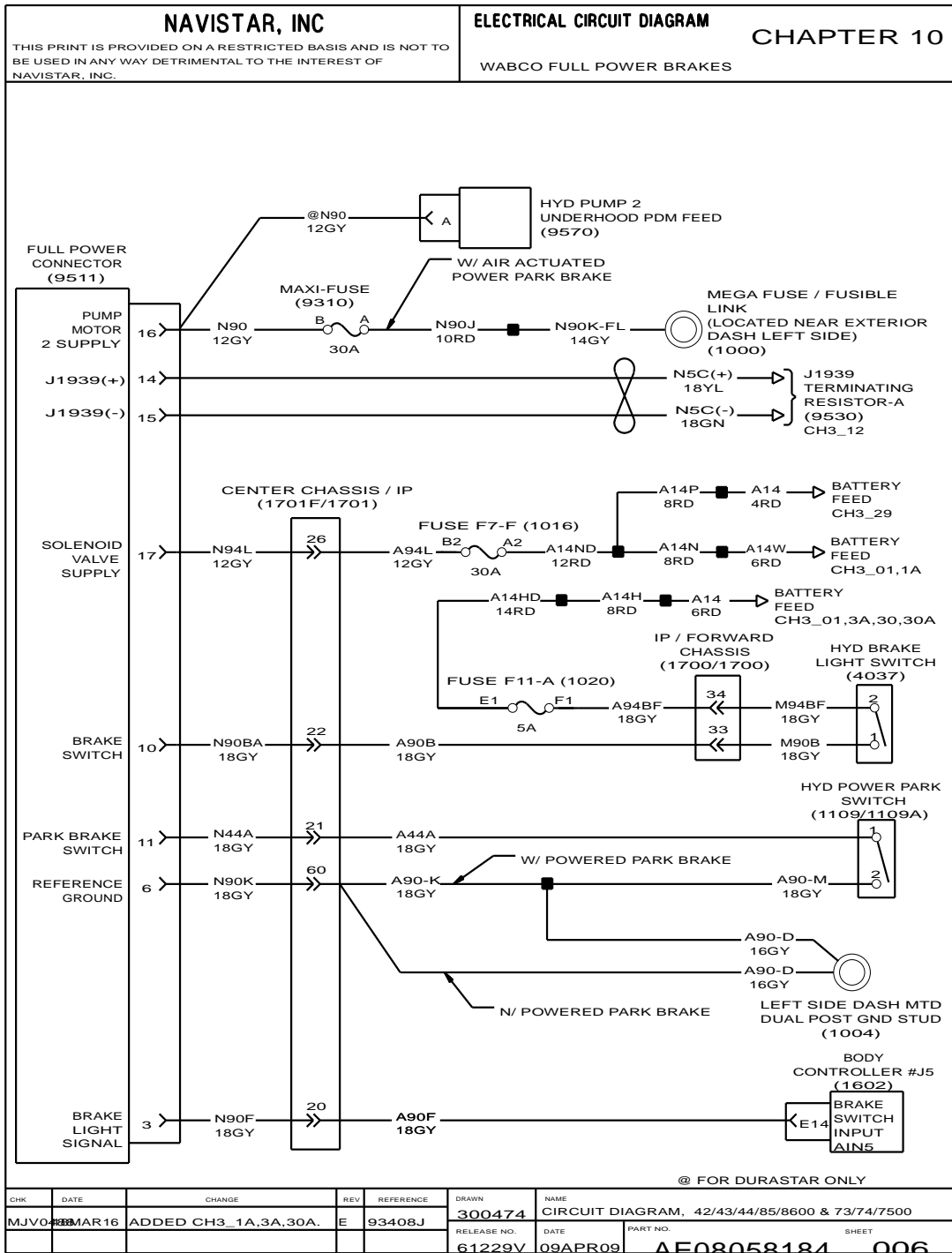


Figure 420 WABCO Full Power Brakes

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

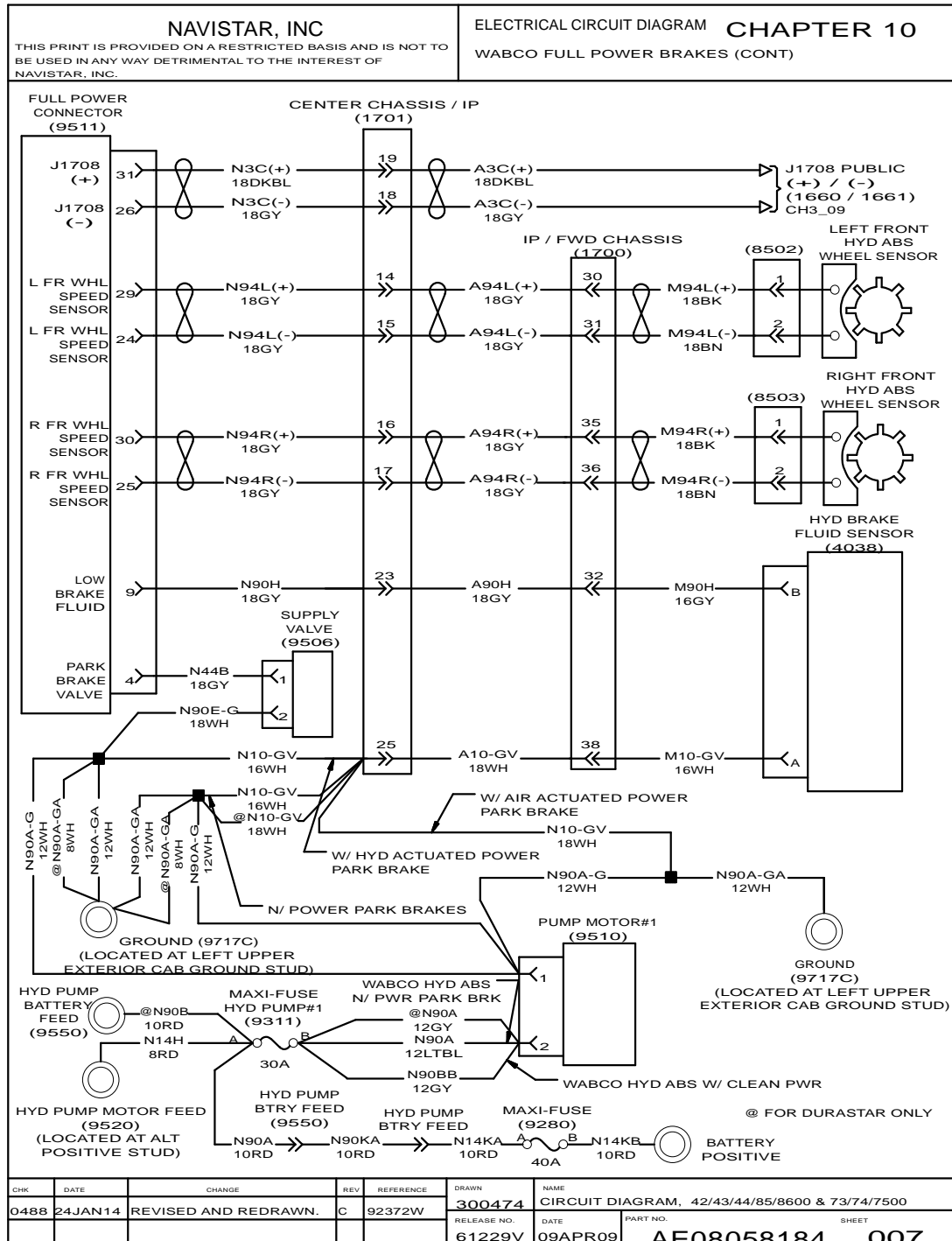


Figure 421 WABCO Full Power Brakes (Cont.)

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

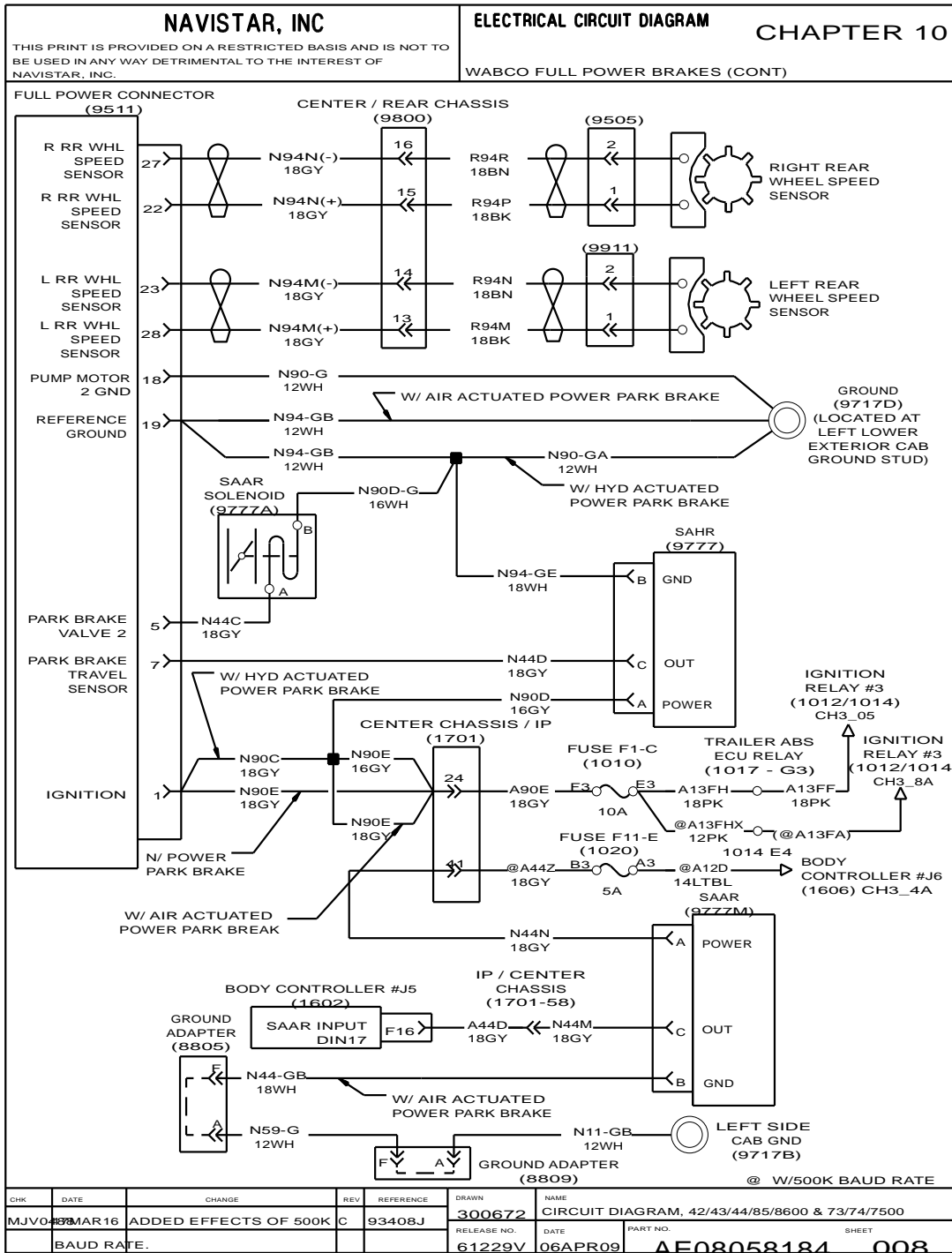


Figure 422 WABCO Full Power Brakes (Cont.)



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

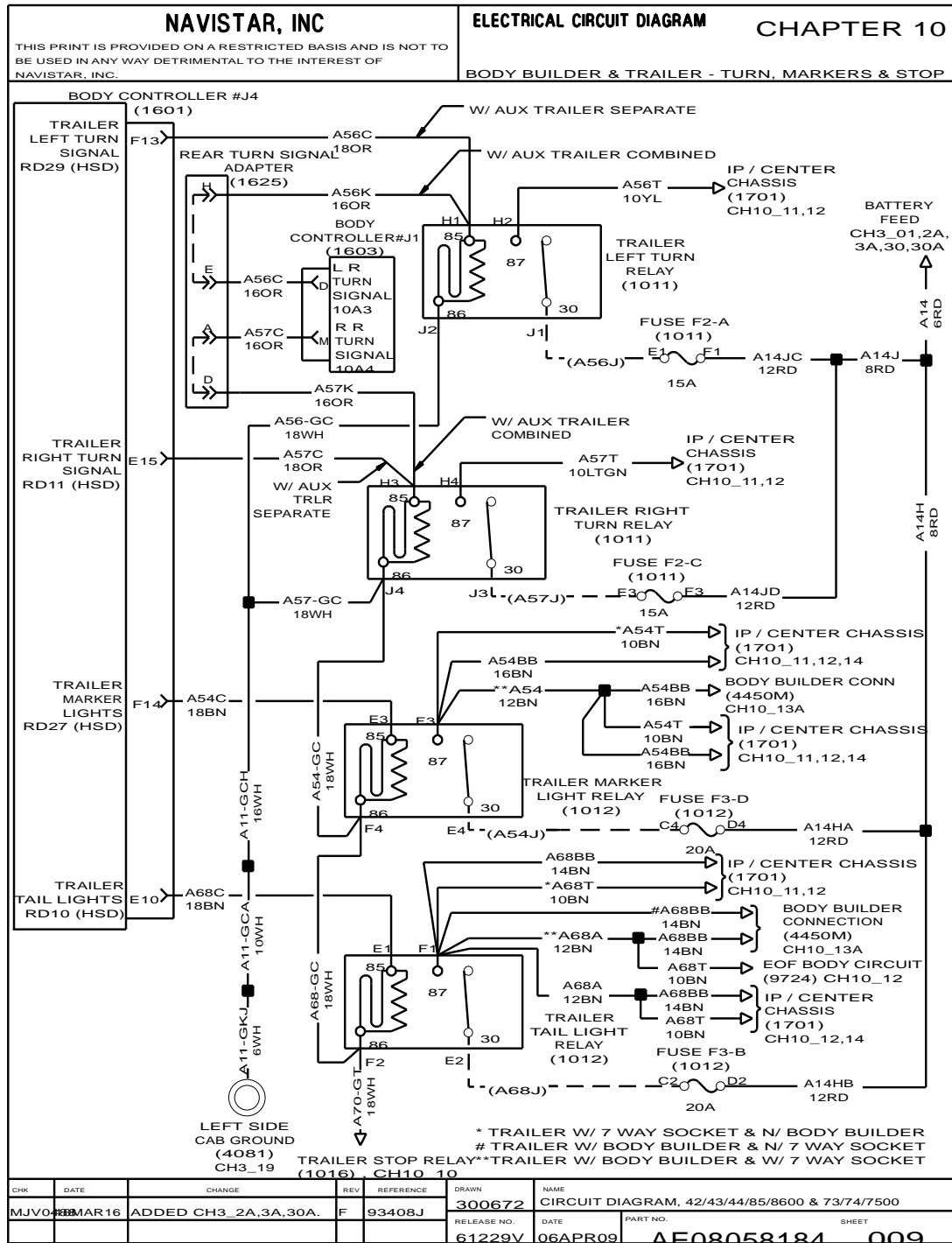


Figure 423 Body Builder and Trailer – Turn, Markers and Stop

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

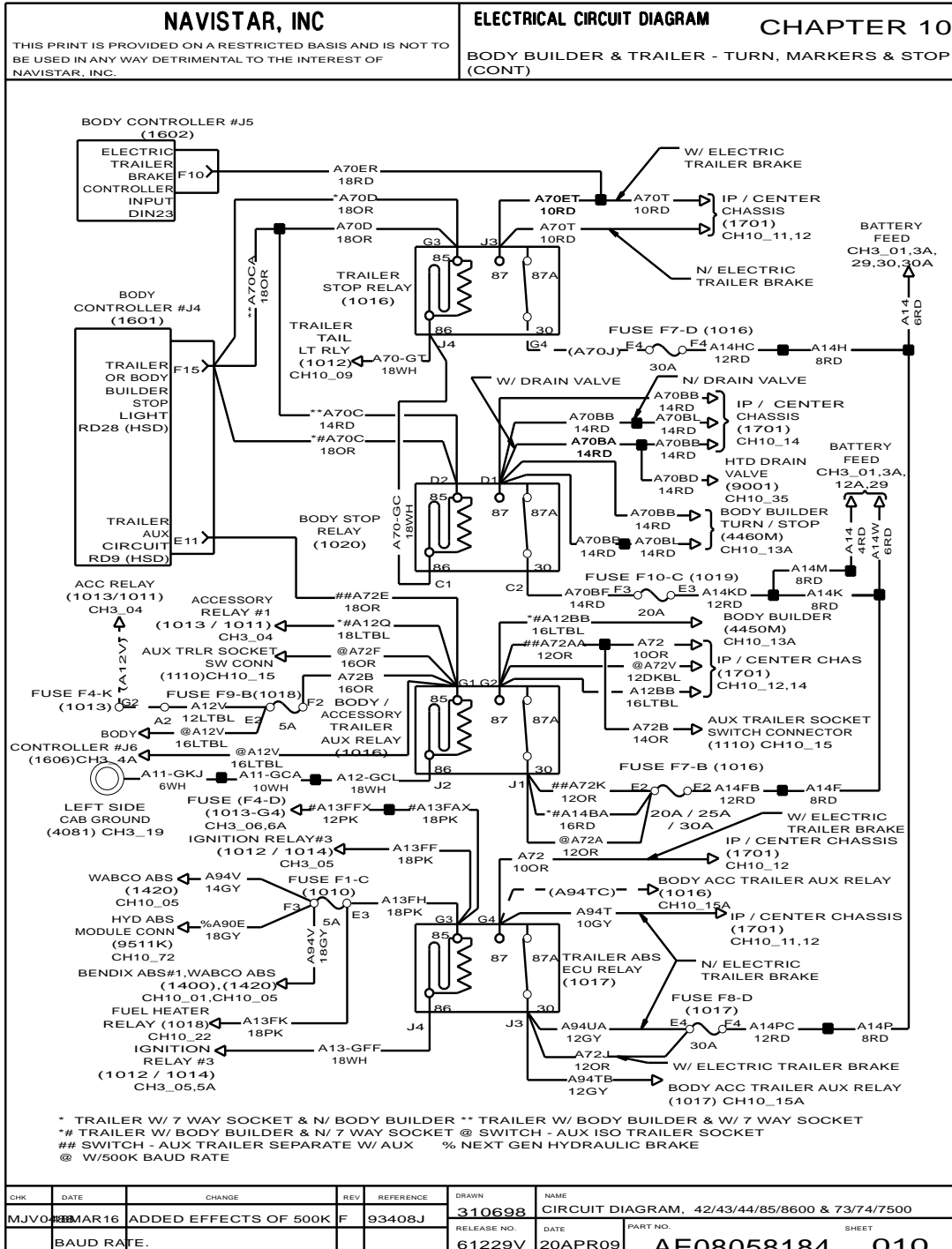


Figure 424 Body Builder and Trailer – Turn, Markers and Stop (Cont.)

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

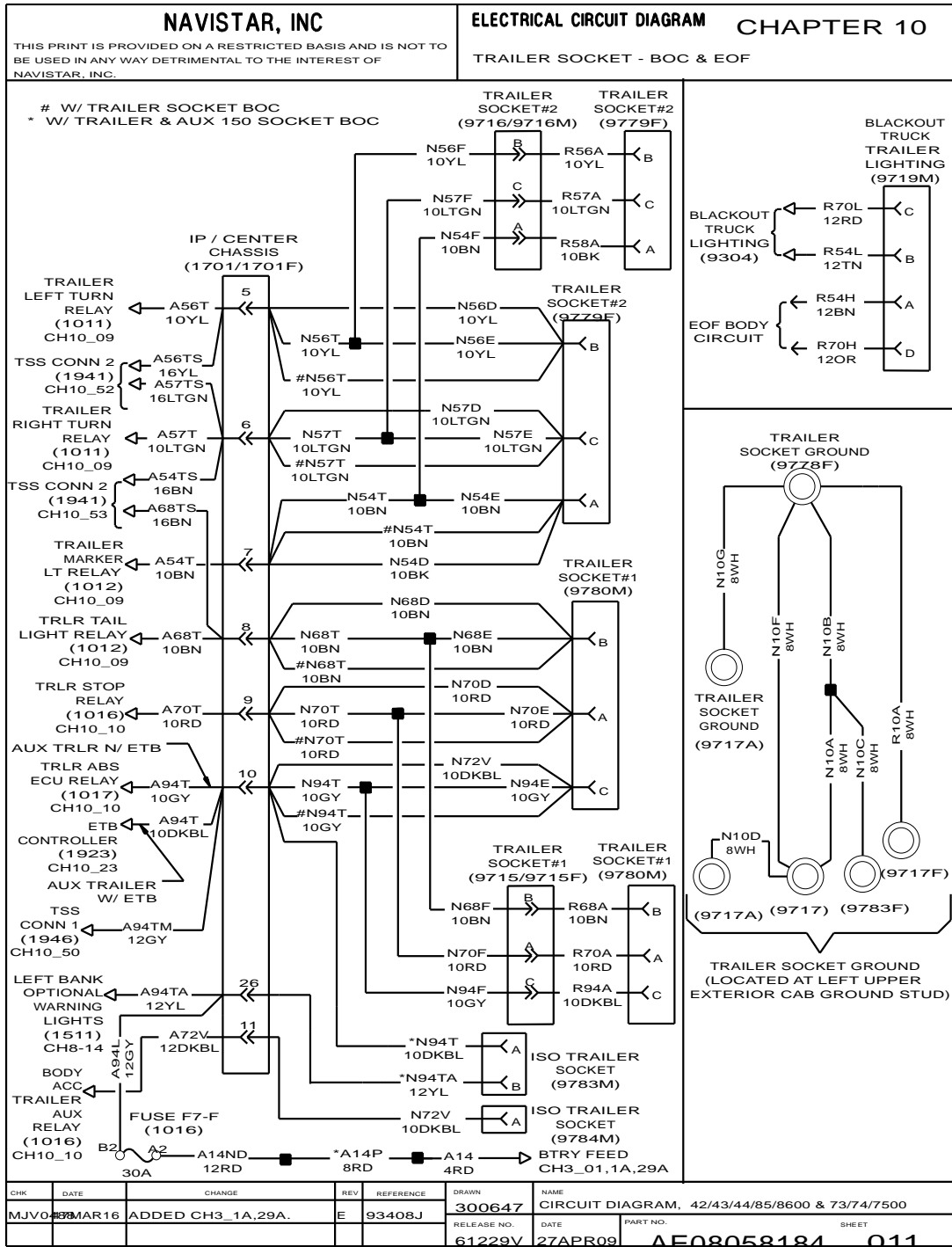


Figure 425 Trailer Socket – BOC and EOF

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

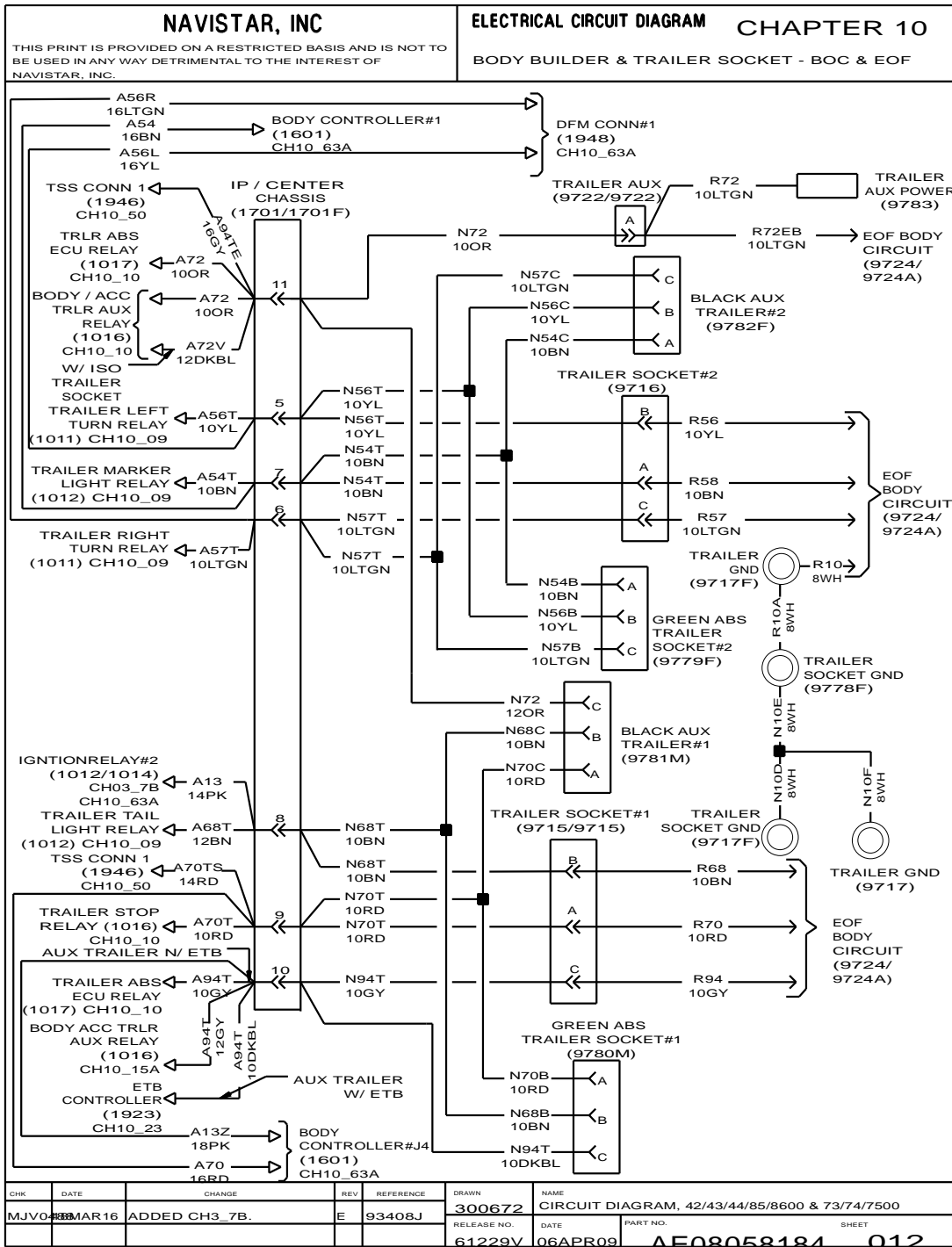


Figure 426 Body Builder and Trailer Socket – BOC and EOF

10.17. 12V TRAILER SOCKET, P. 12A

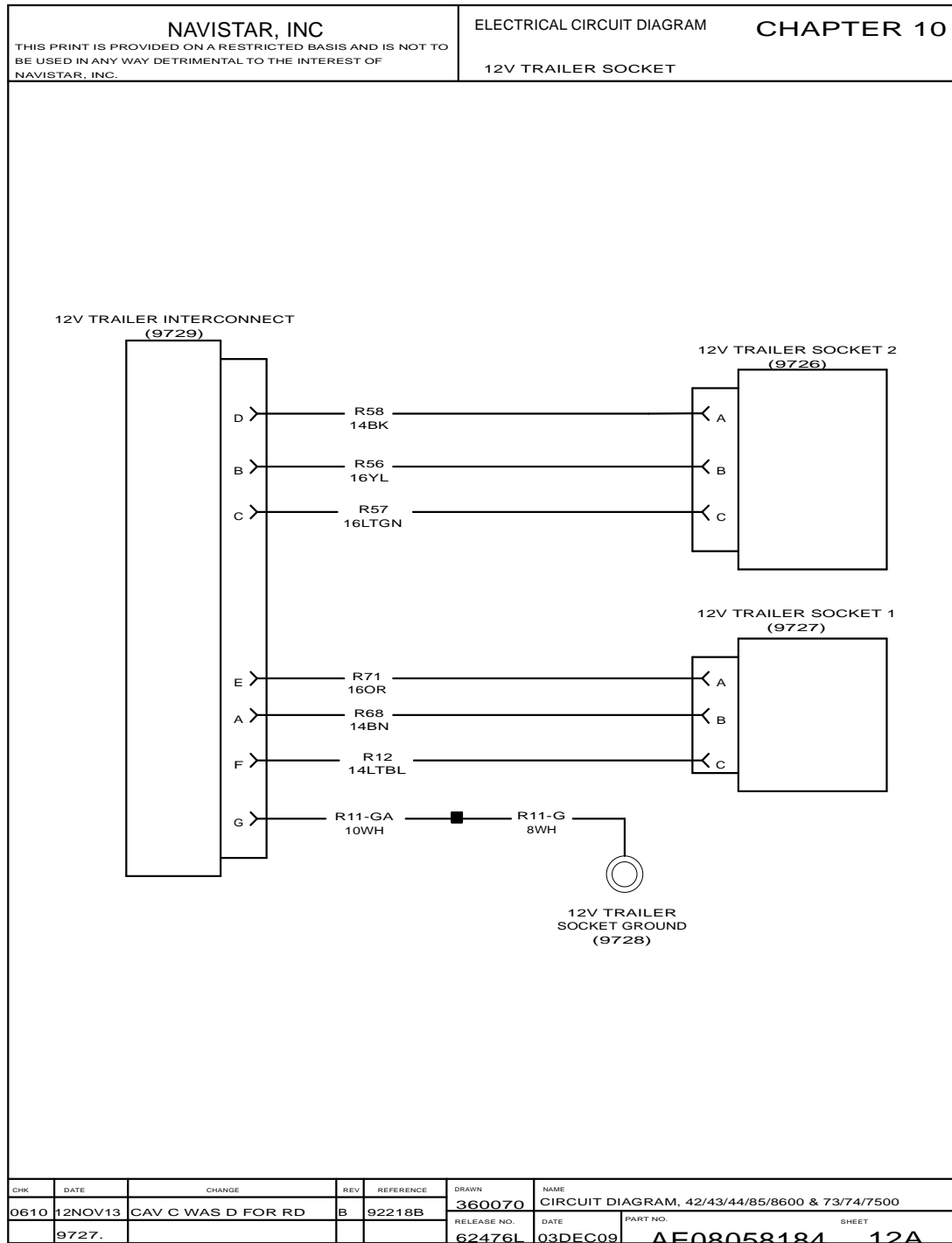


Figure 427 12V Trailer Socket

10.18. BODY BUILDER PRE-WIRING, P. 13

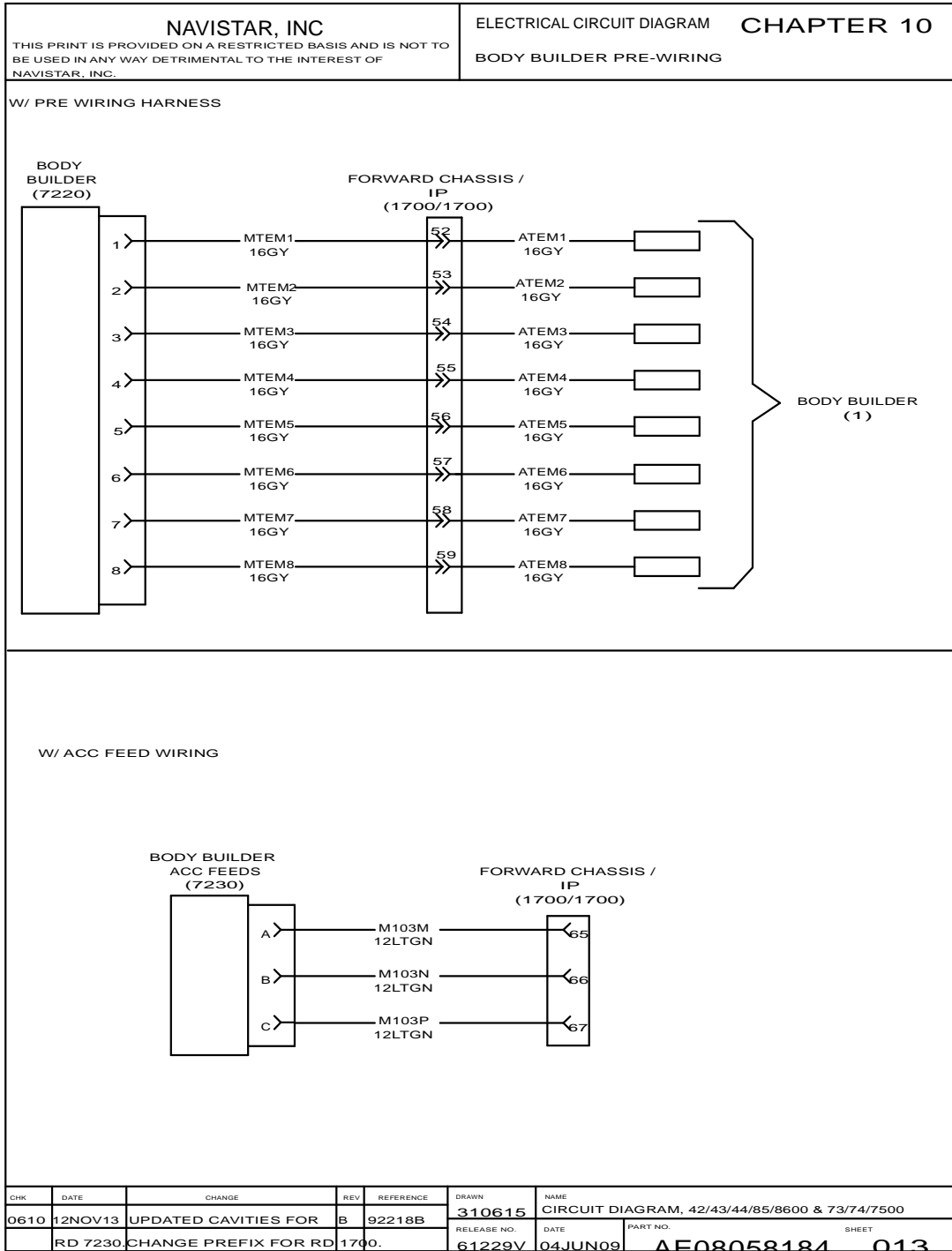


Figure 428 Body Builder Pre-Wiring

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

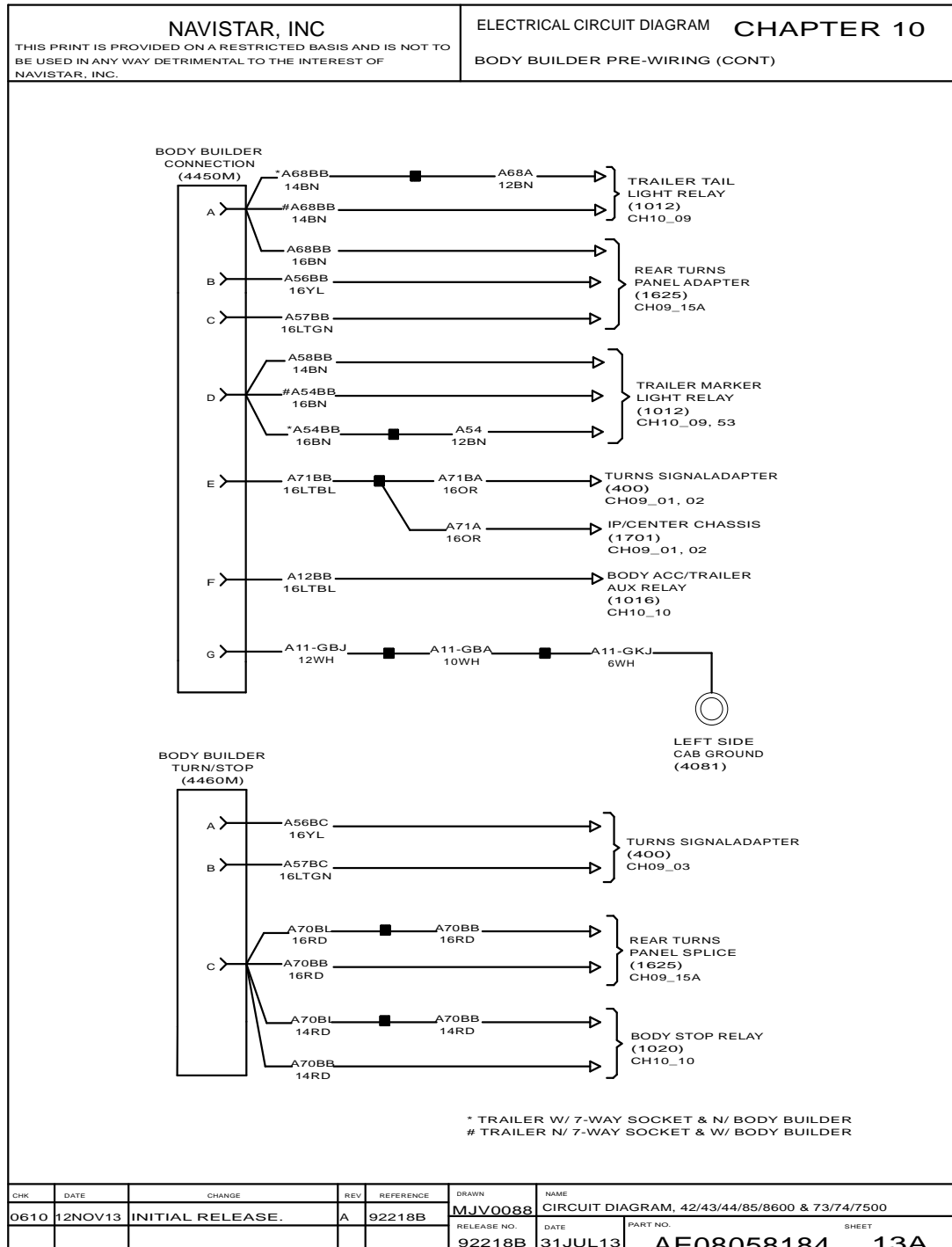


Figure 429 Body Builder Pre-Wiring (Cont.)

10.20. BODY BUILDER CONNECTIONS, P. 14

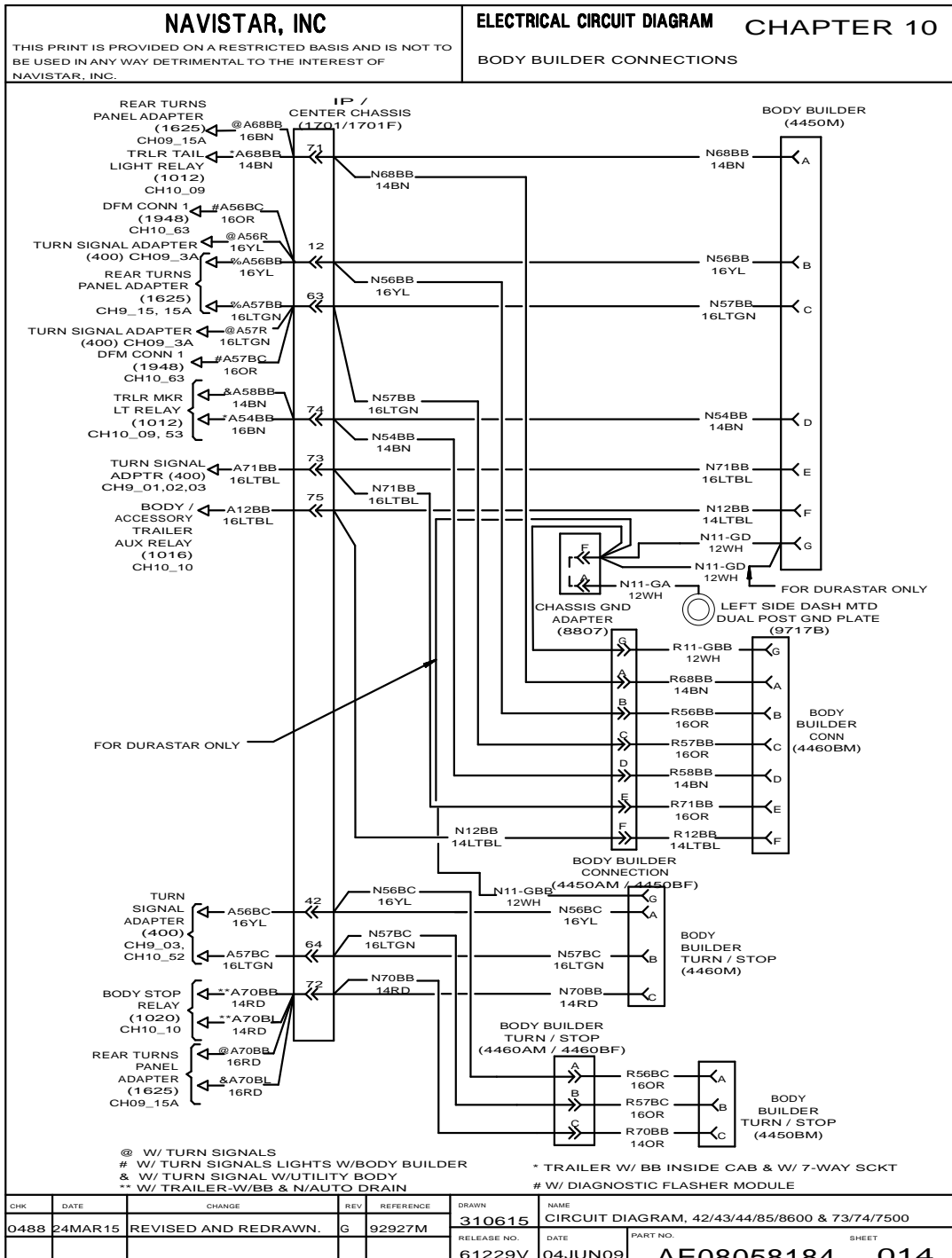


Figure 430 Body Builder Connections



10.21. UTILITY BODY CONNECTIONS, P. 14A

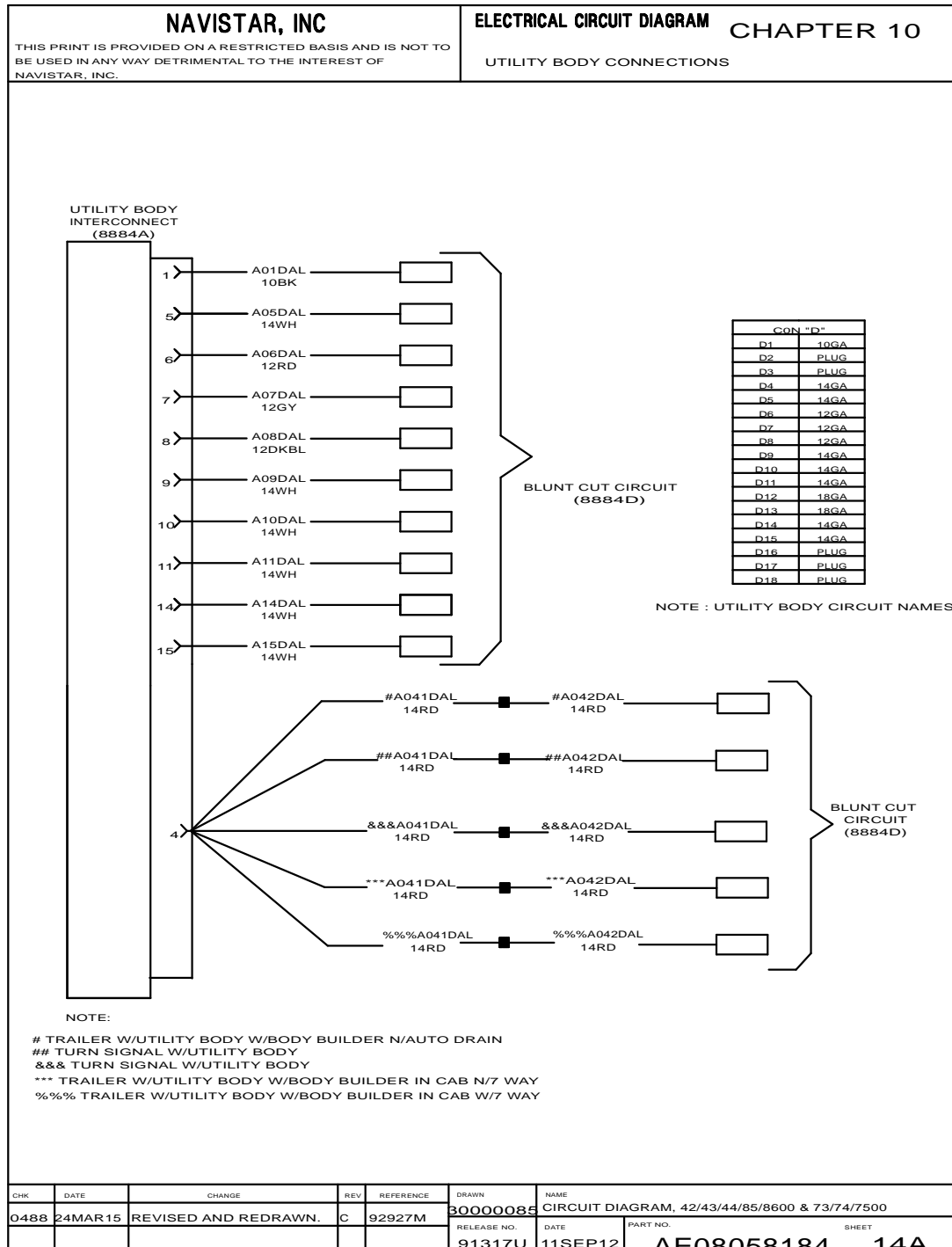


Figure 431 Utility Body Connections

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

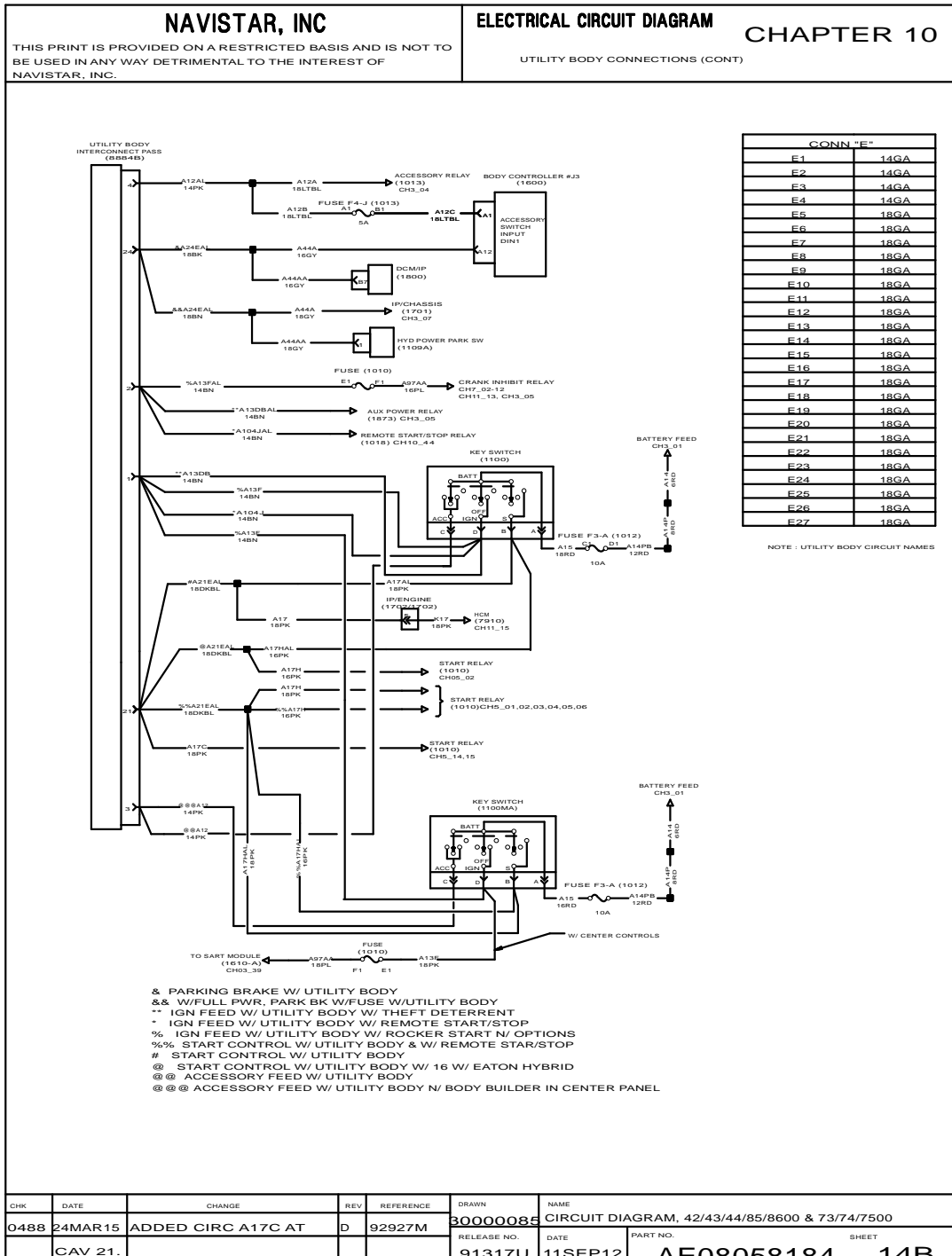


Figure 432 Utility Body Connections (Cont.)

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

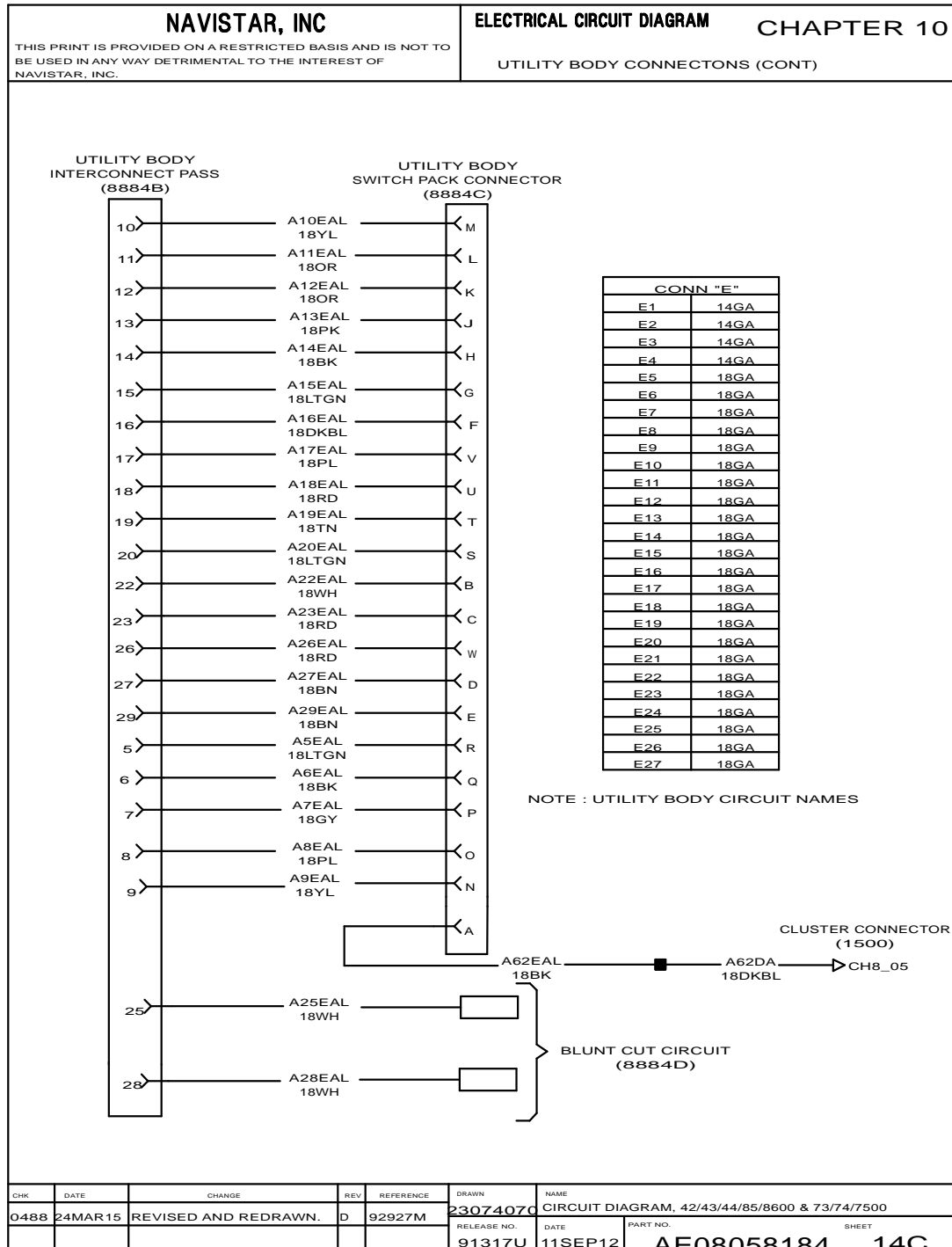


Figure 433 Utility Body Connections (Cont.)

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

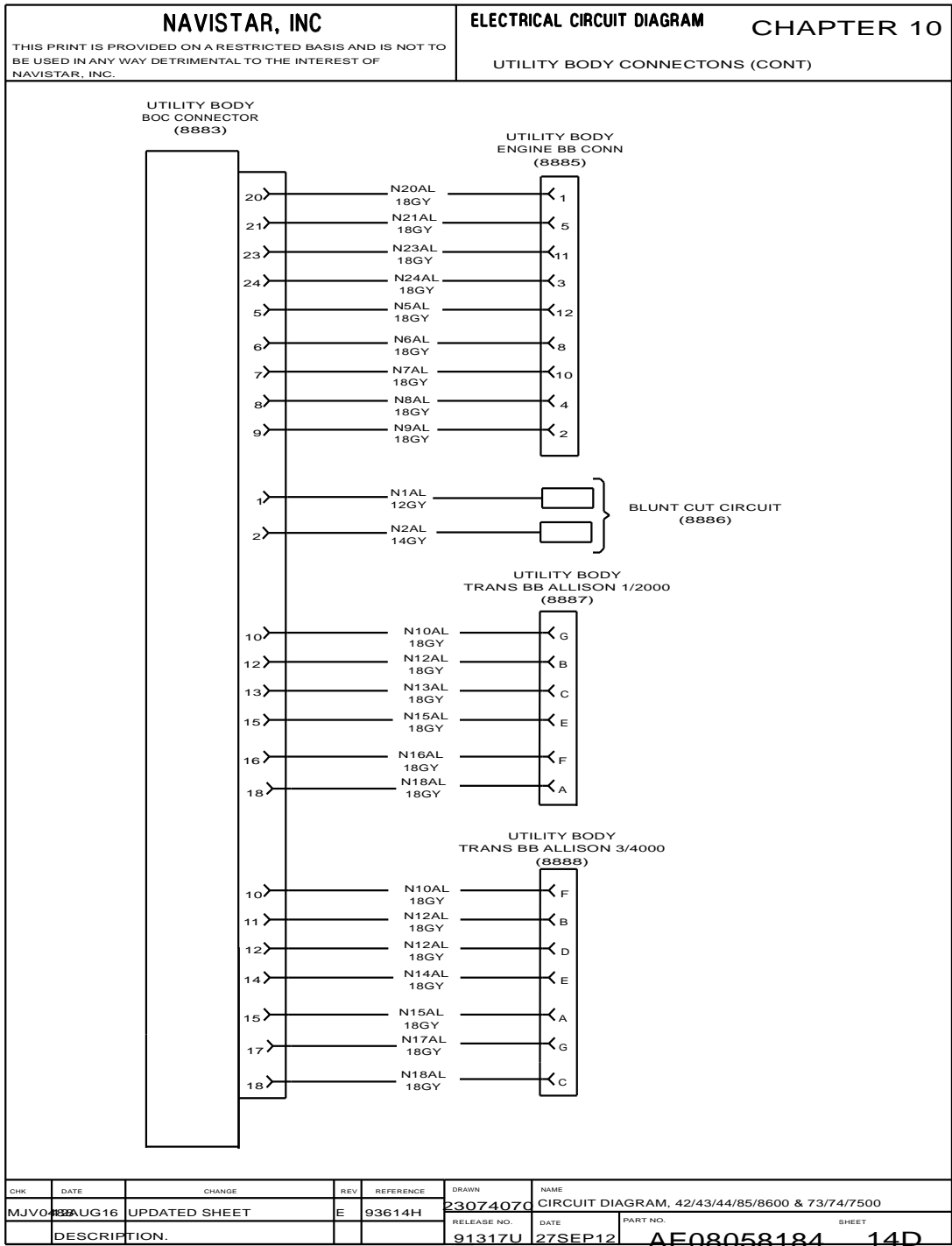


Figure 434 Utility Body Connections (Cont.)

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

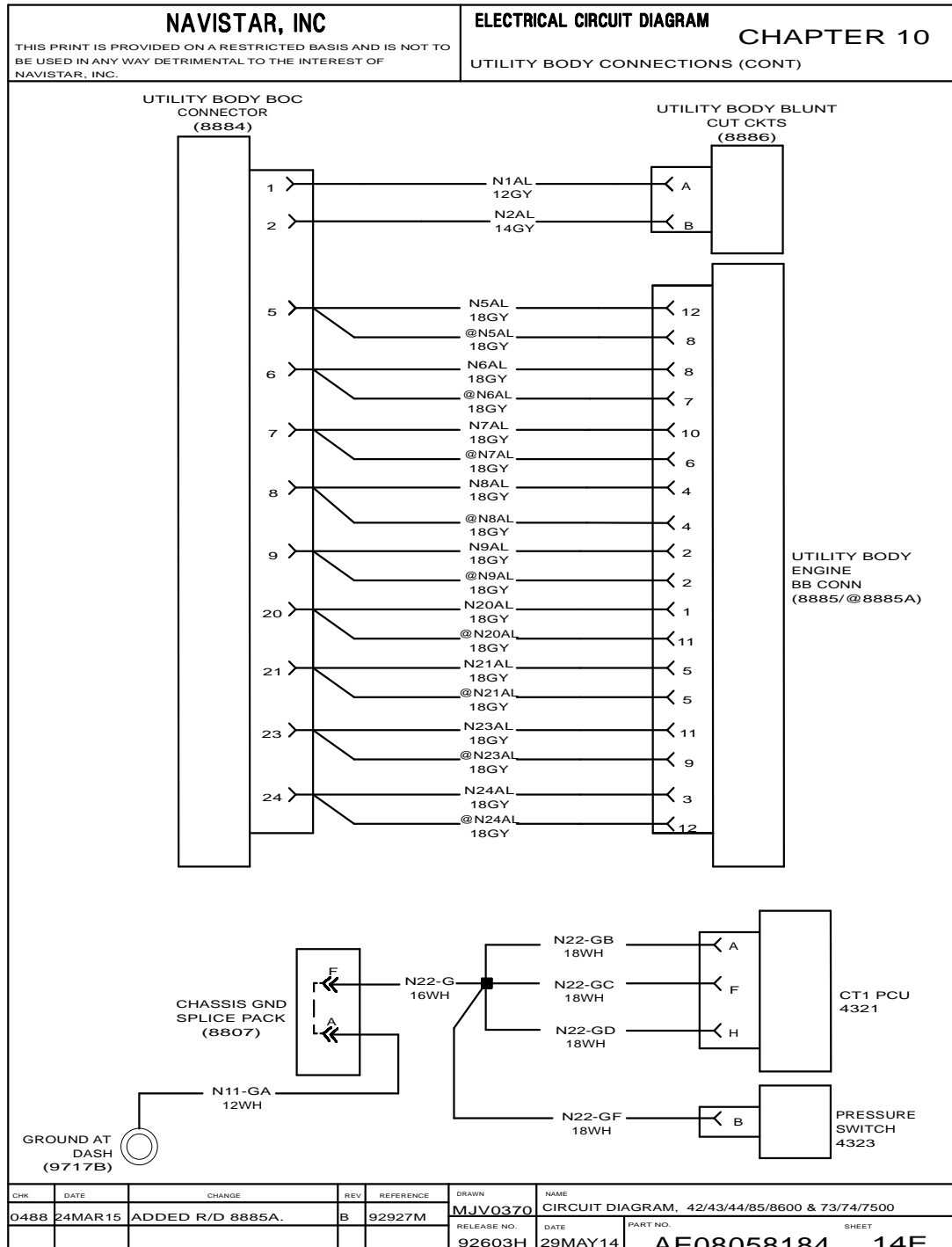


Figure 435 Utility Body Connections (Cont.)

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

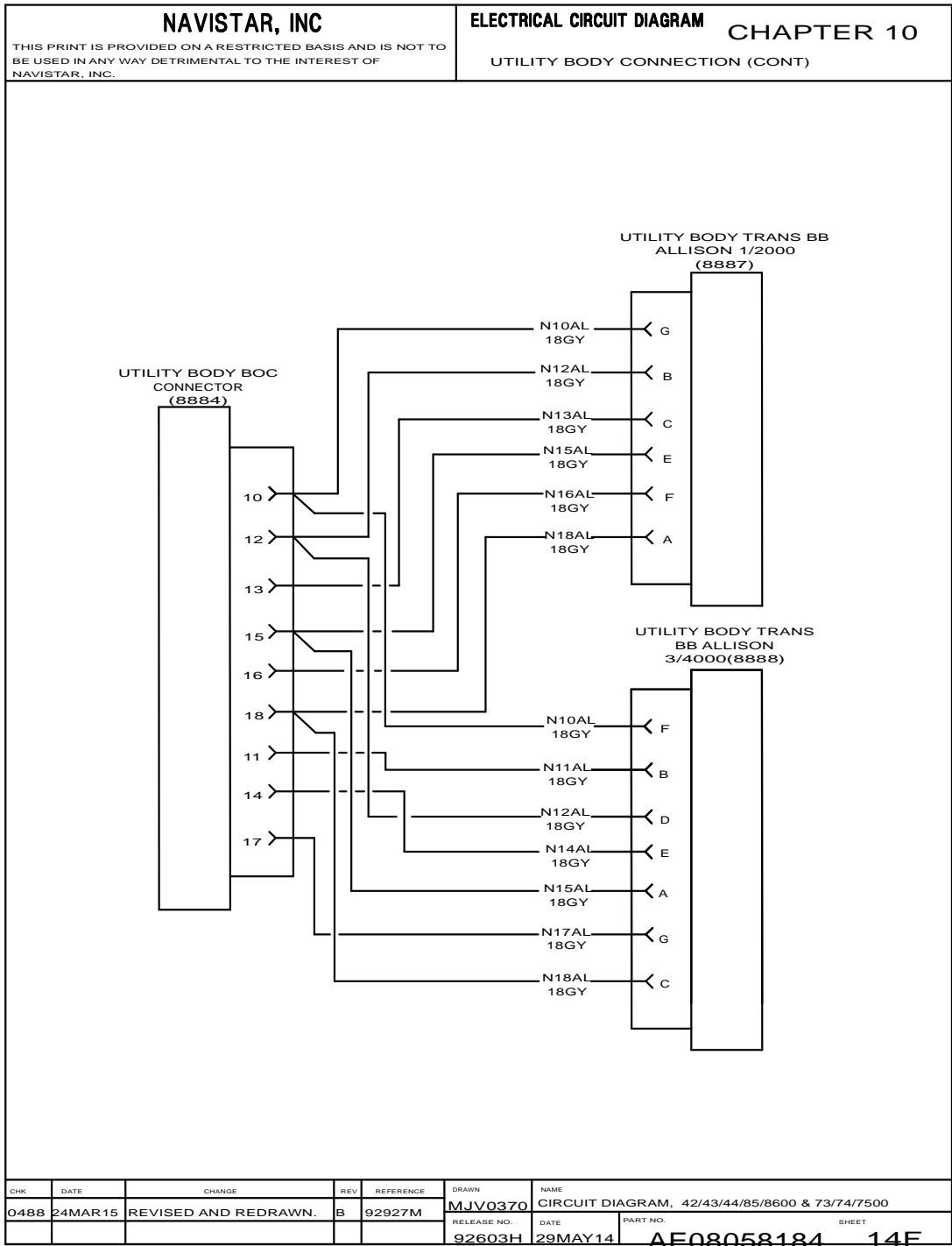


Figure 436 Utility Body Connections (Cont.)

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

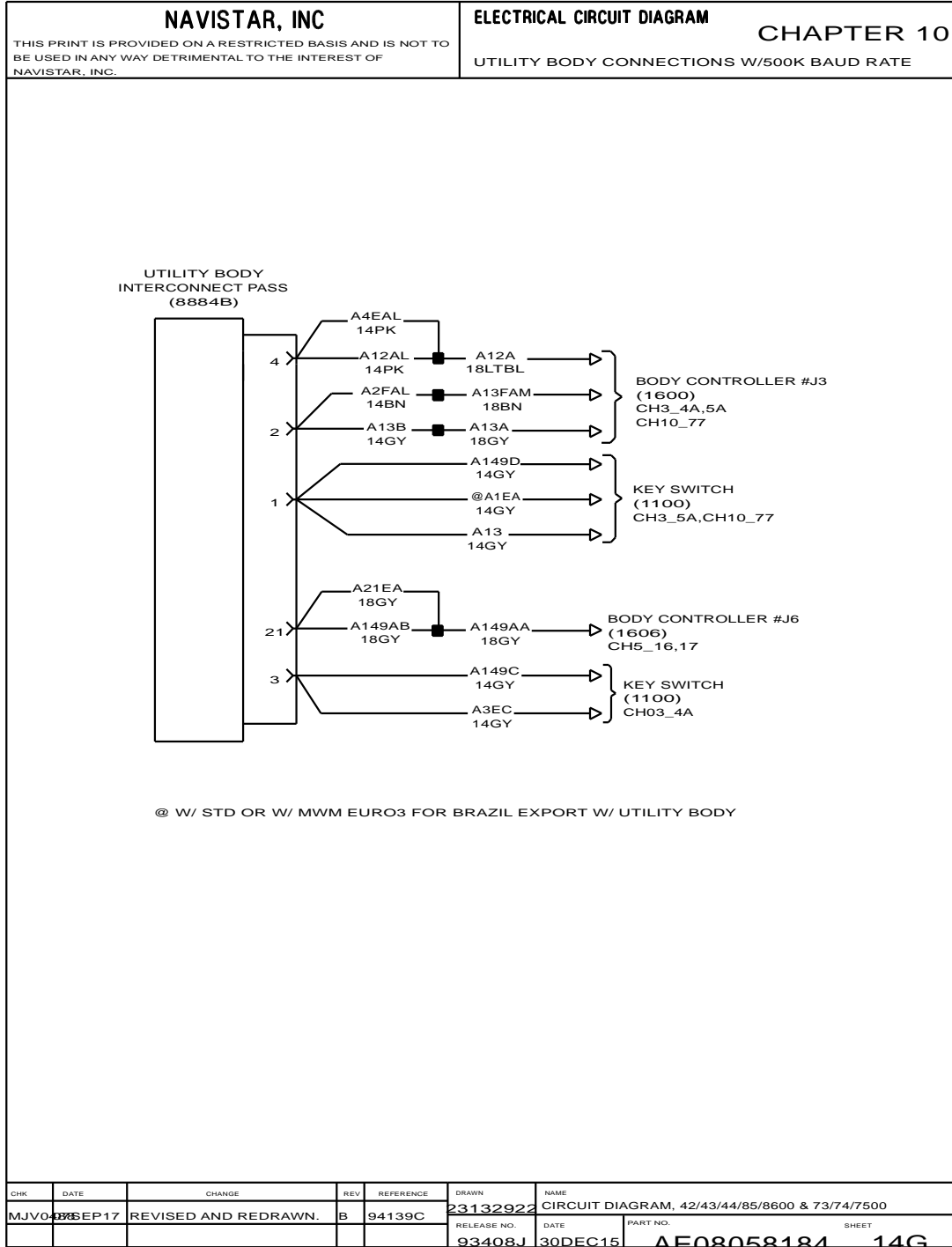


Figure 437 Utility Body Connections with 500K Baud Rate

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

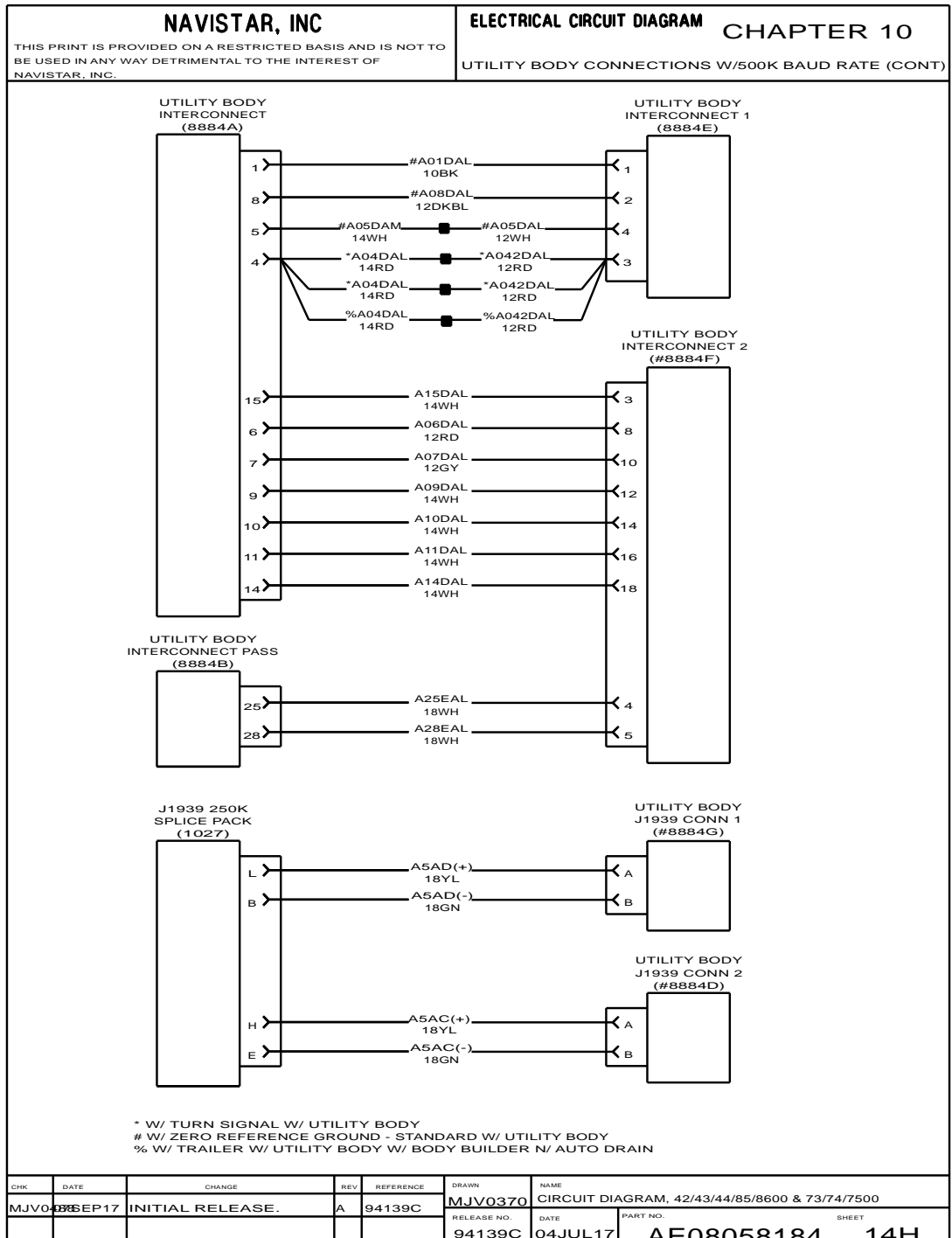


Figure 438 Utility Body Connections with 500K Baud Rate (Cont.)



10.29. AUXILIARY TRAILER CIRCUIT, P. 15

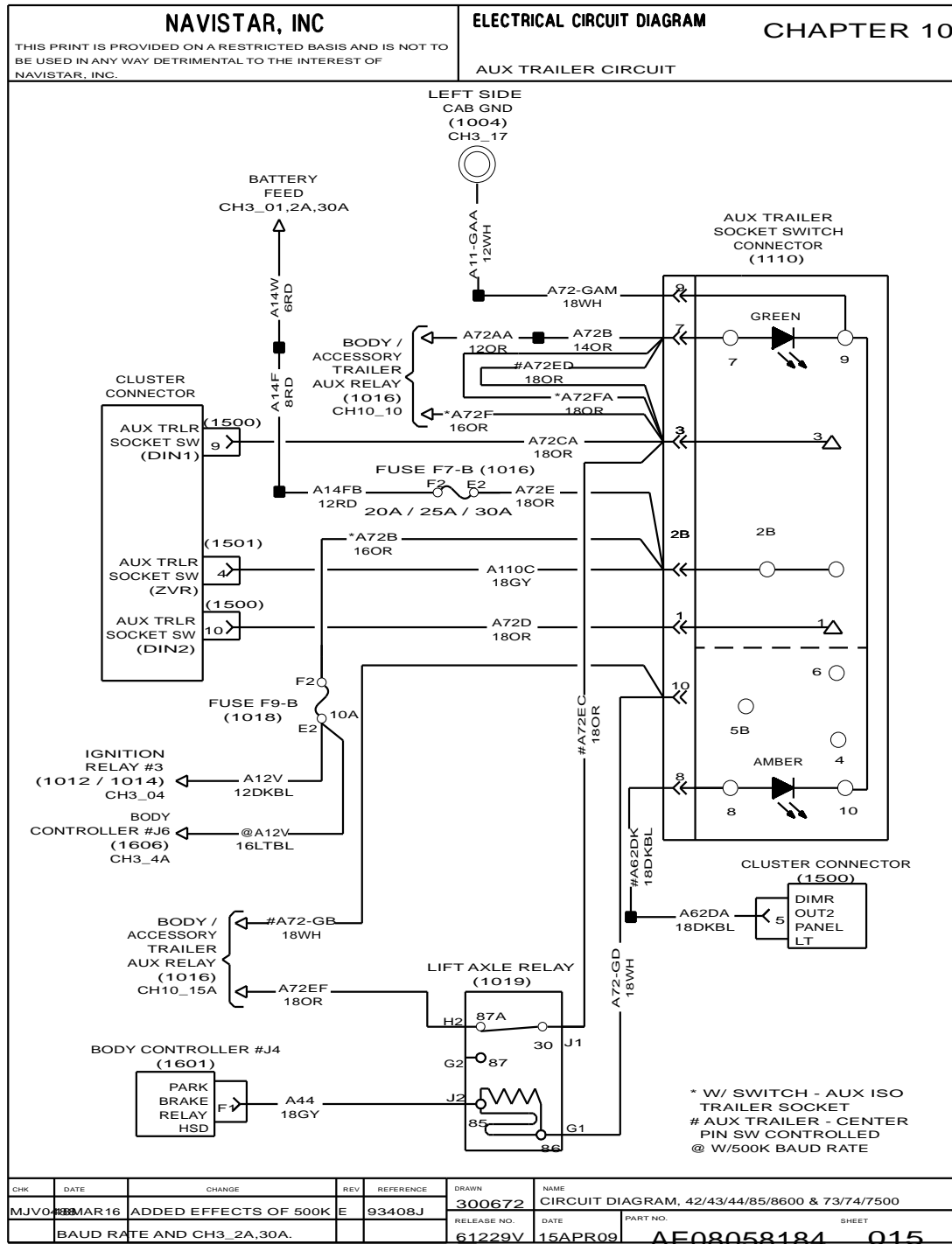


Figure 439 Auxiliary Trailer Circuit

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

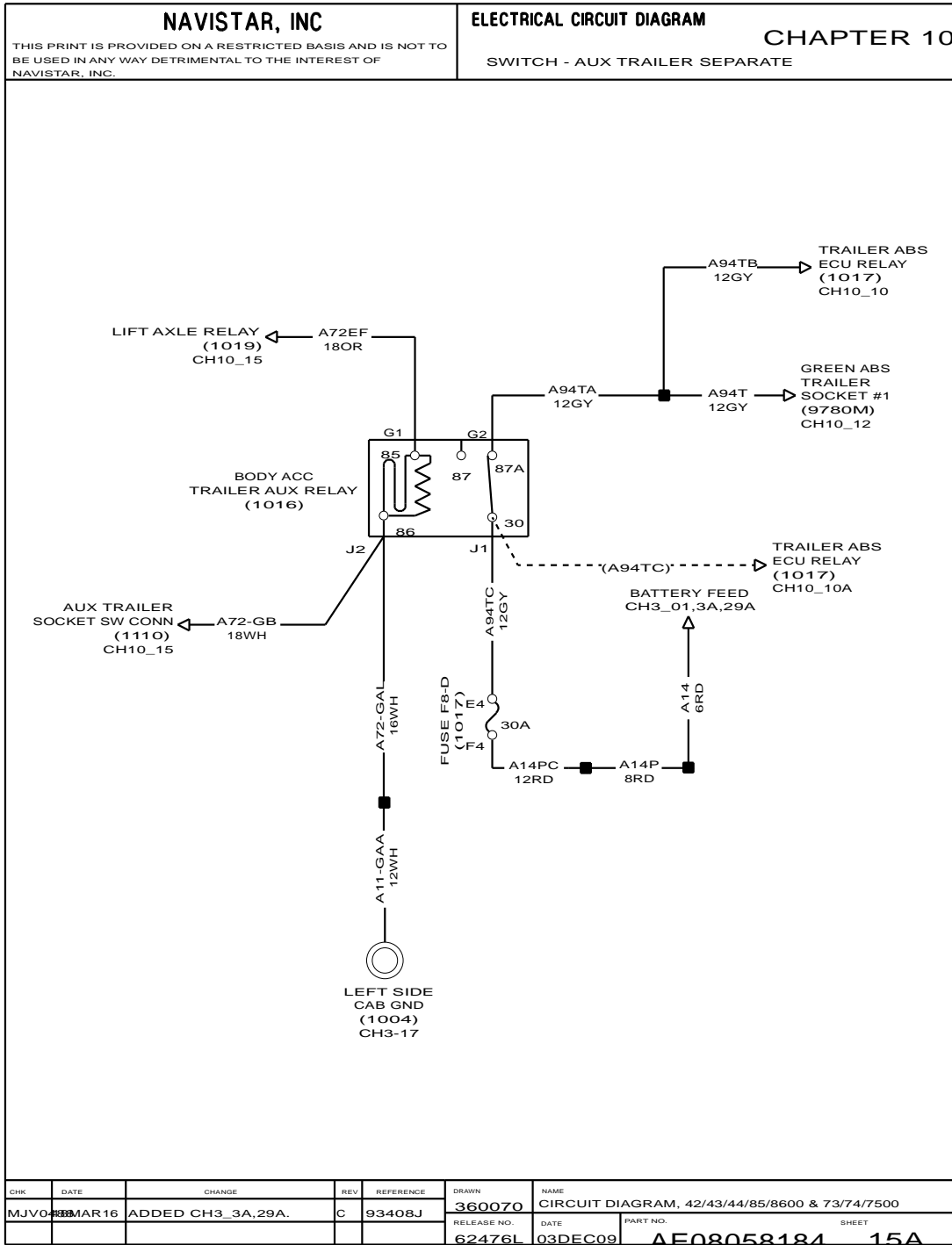


Figure 440 Switch – Aux Trailer Separate

10.31. TWO SPEED AXLE SWITCH, P. 16

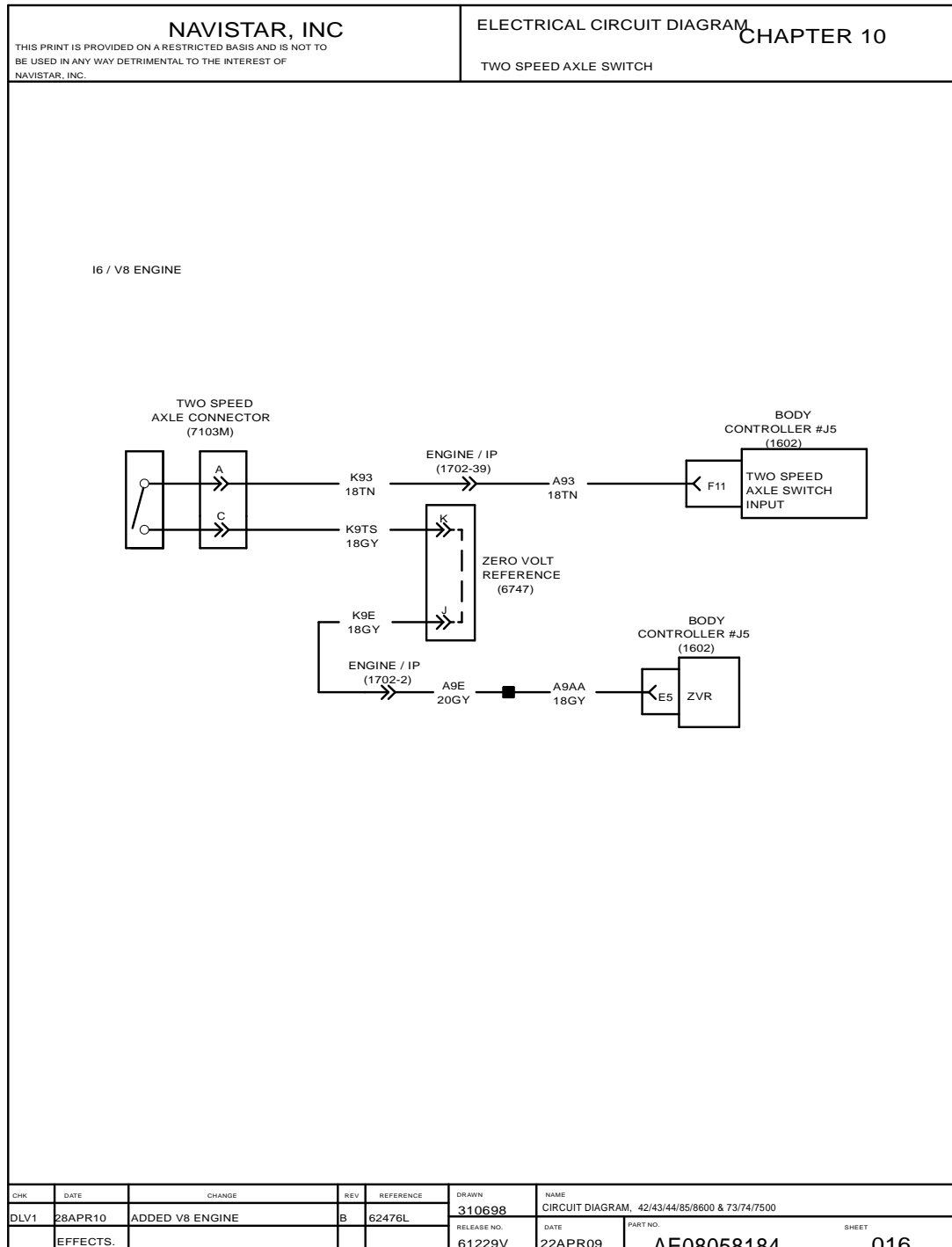


Figure 441 Two Speed Axle Switch

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

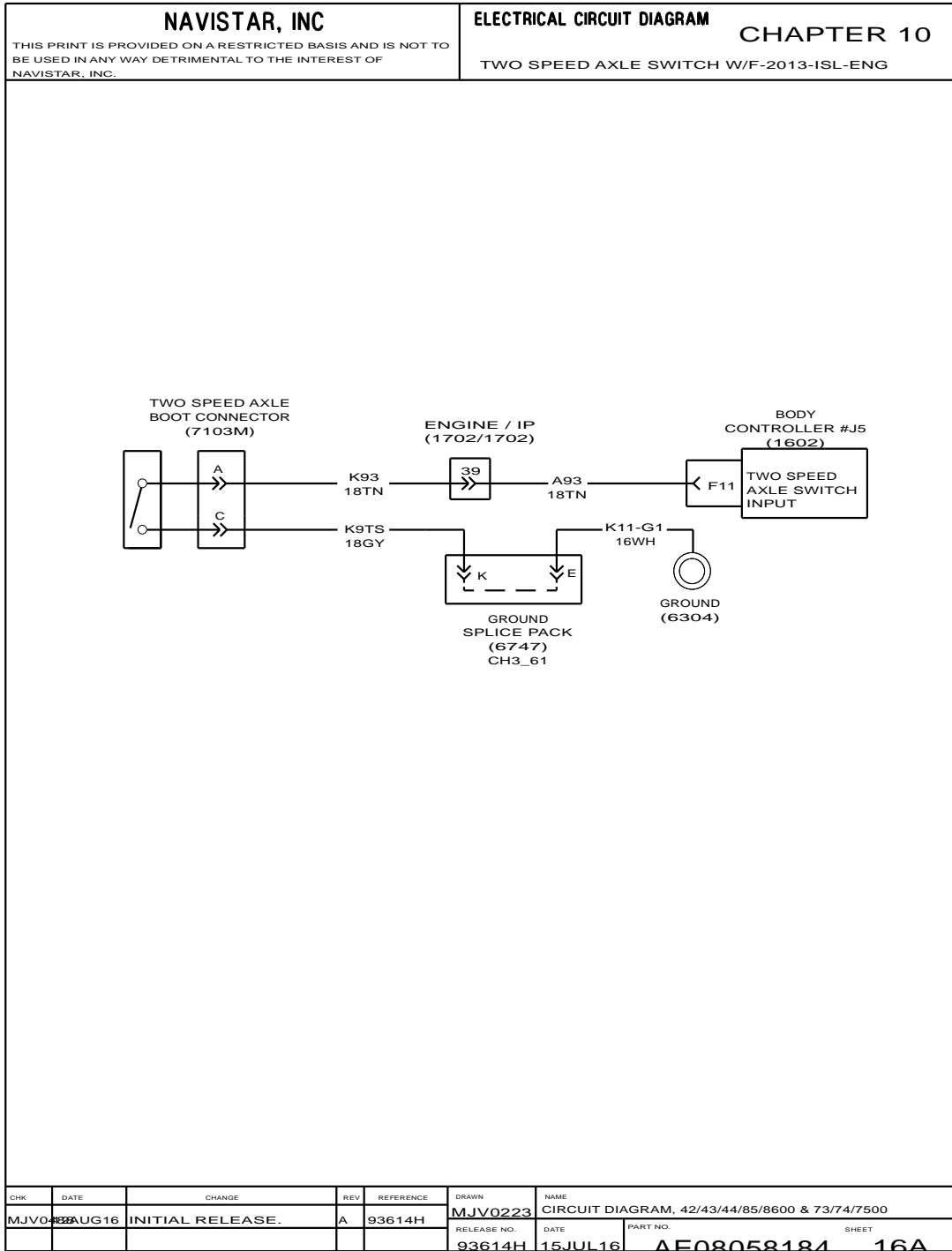


Figure 442 Two Speed Axle Switch with F-2013 ISL Engine

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

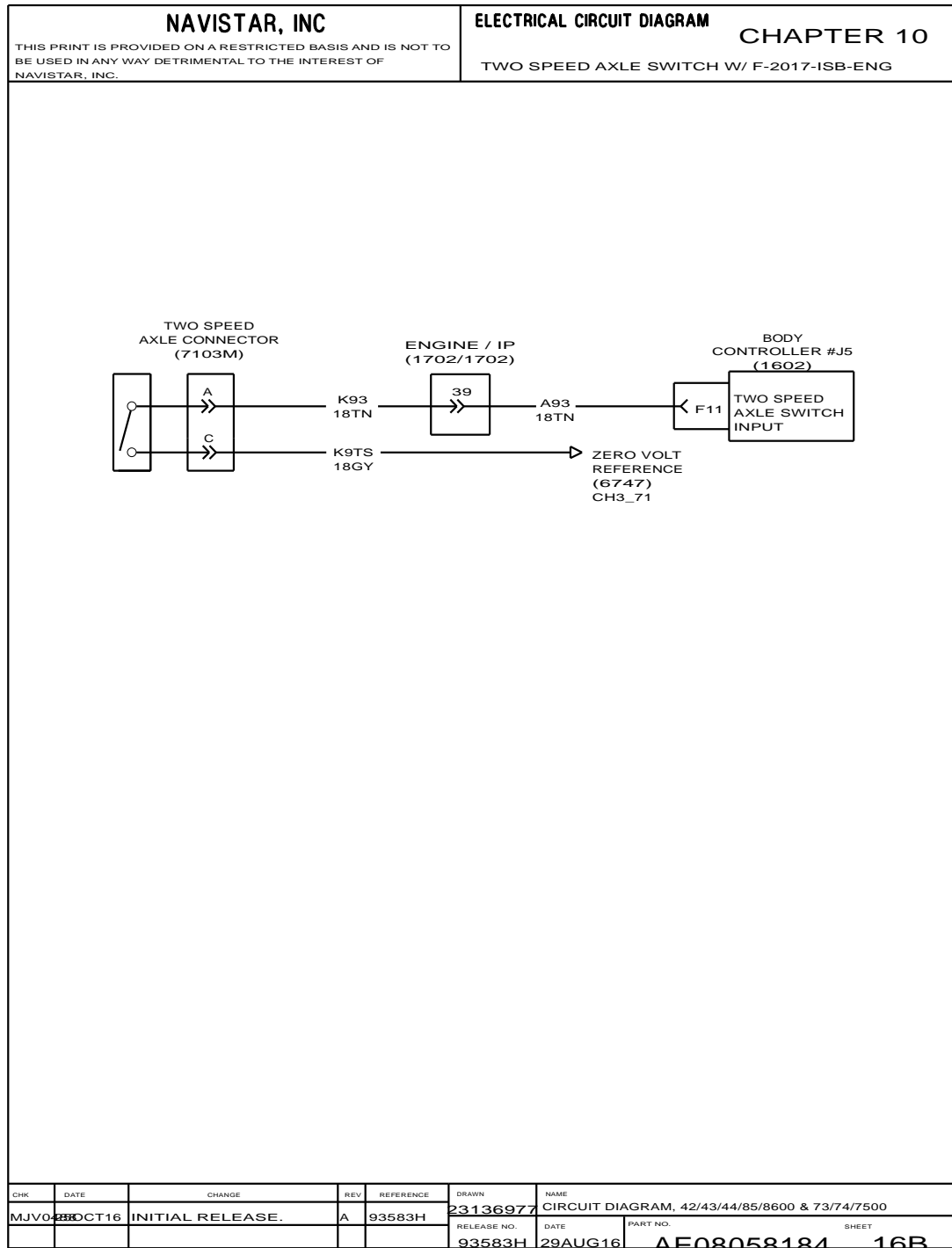


Figure 443 Two Speed Axle Switch with F-2017 ISB Engine

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

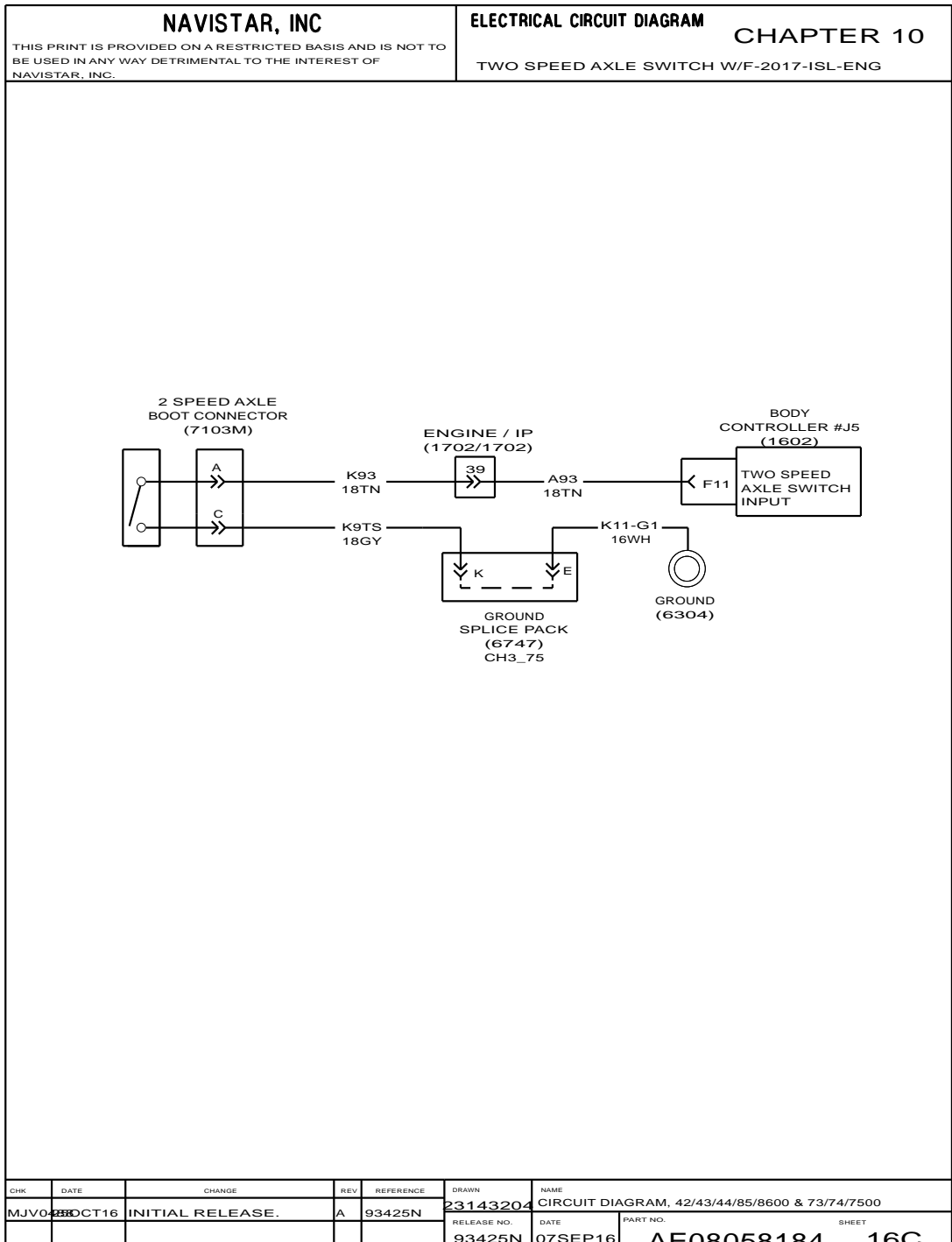


Figure 444 Two Speed Axle Switch with F-2017 ISL Engine

10.35. AIR SOLENOID, P. 17

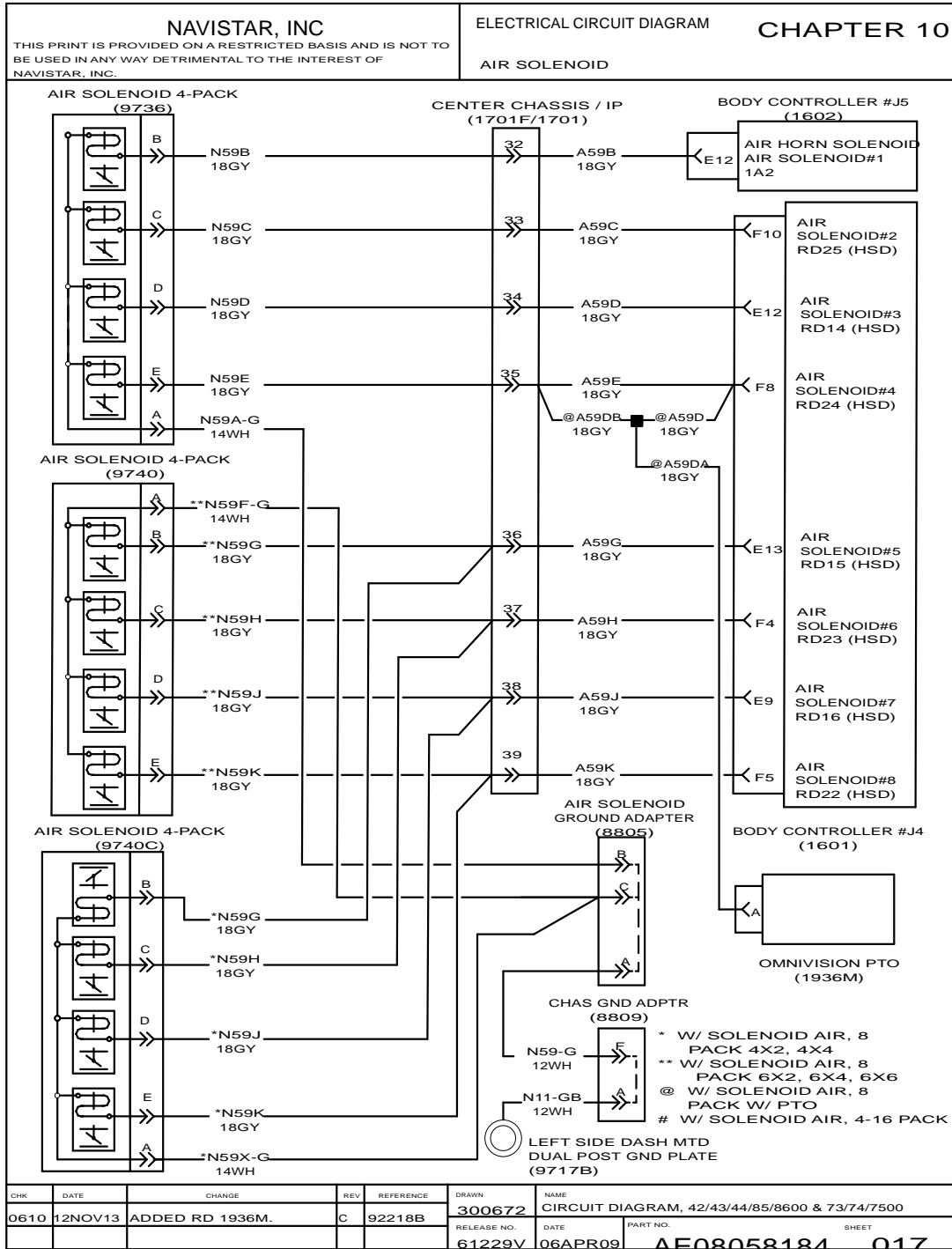


Figure 445 Air Solenoid

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

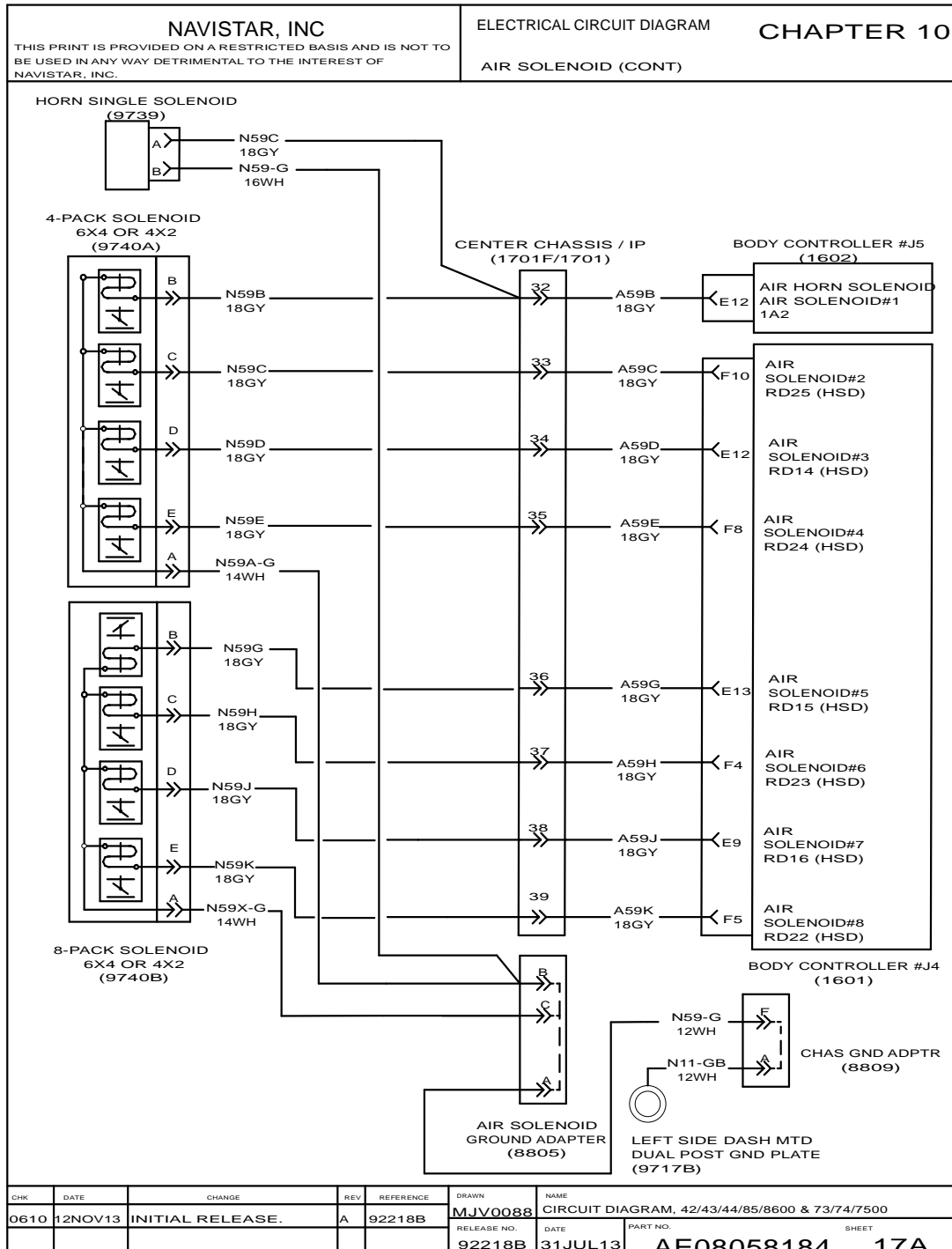


Figure 446 Air Solenoid (Cont.)



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

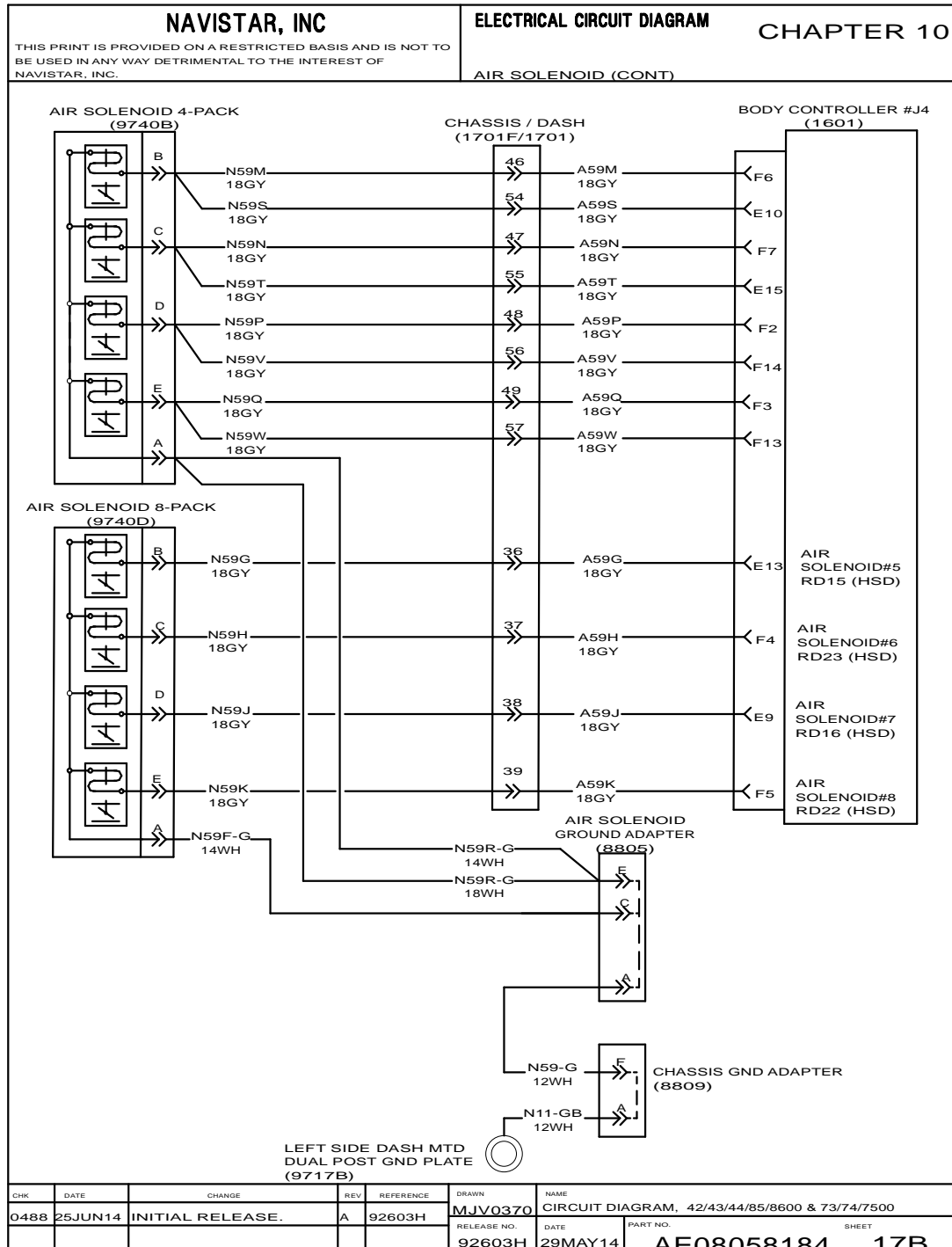


Figure 447 Air Solenoid (Cont.)

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

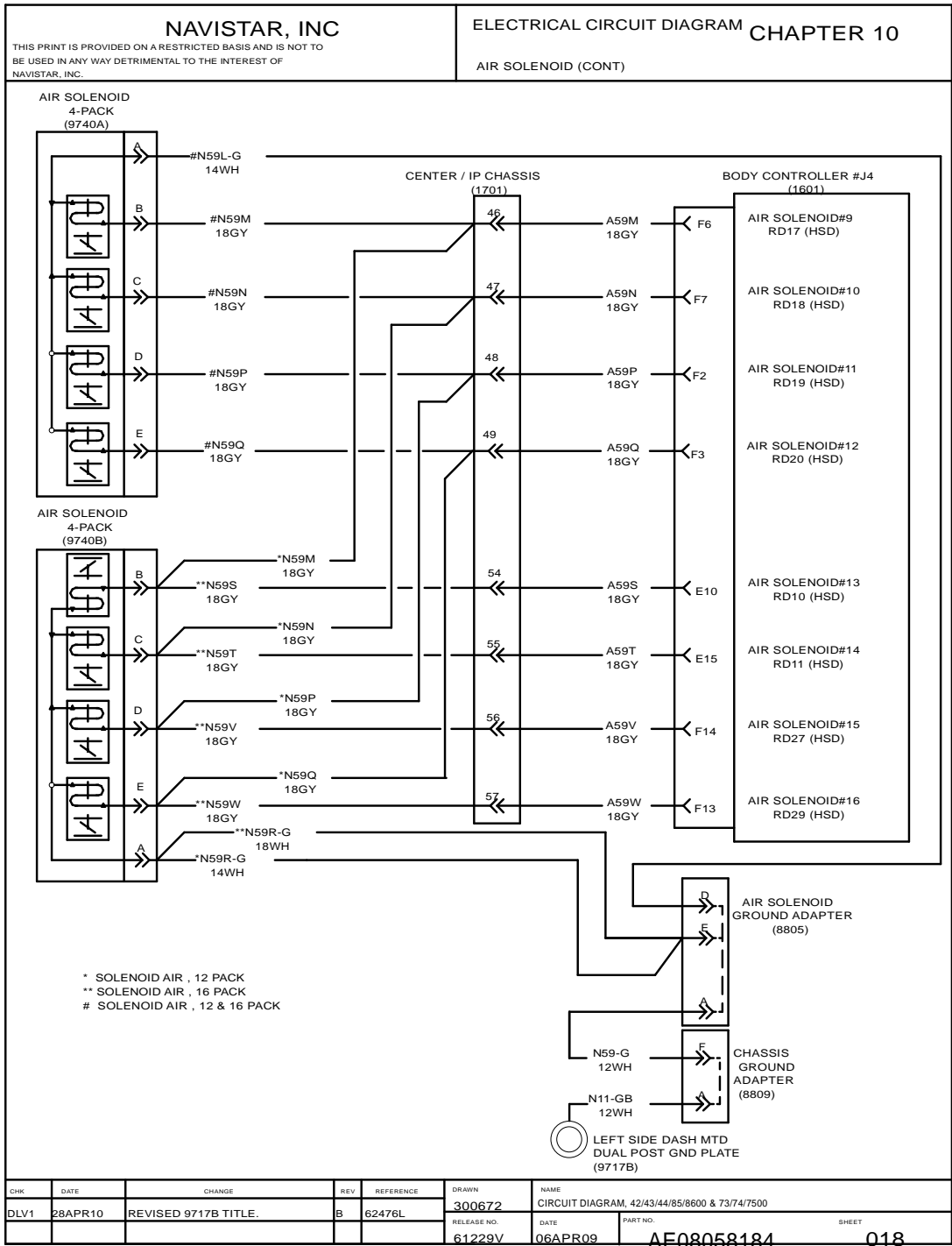


Figure 448 Air Solenoid (Cont.)

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

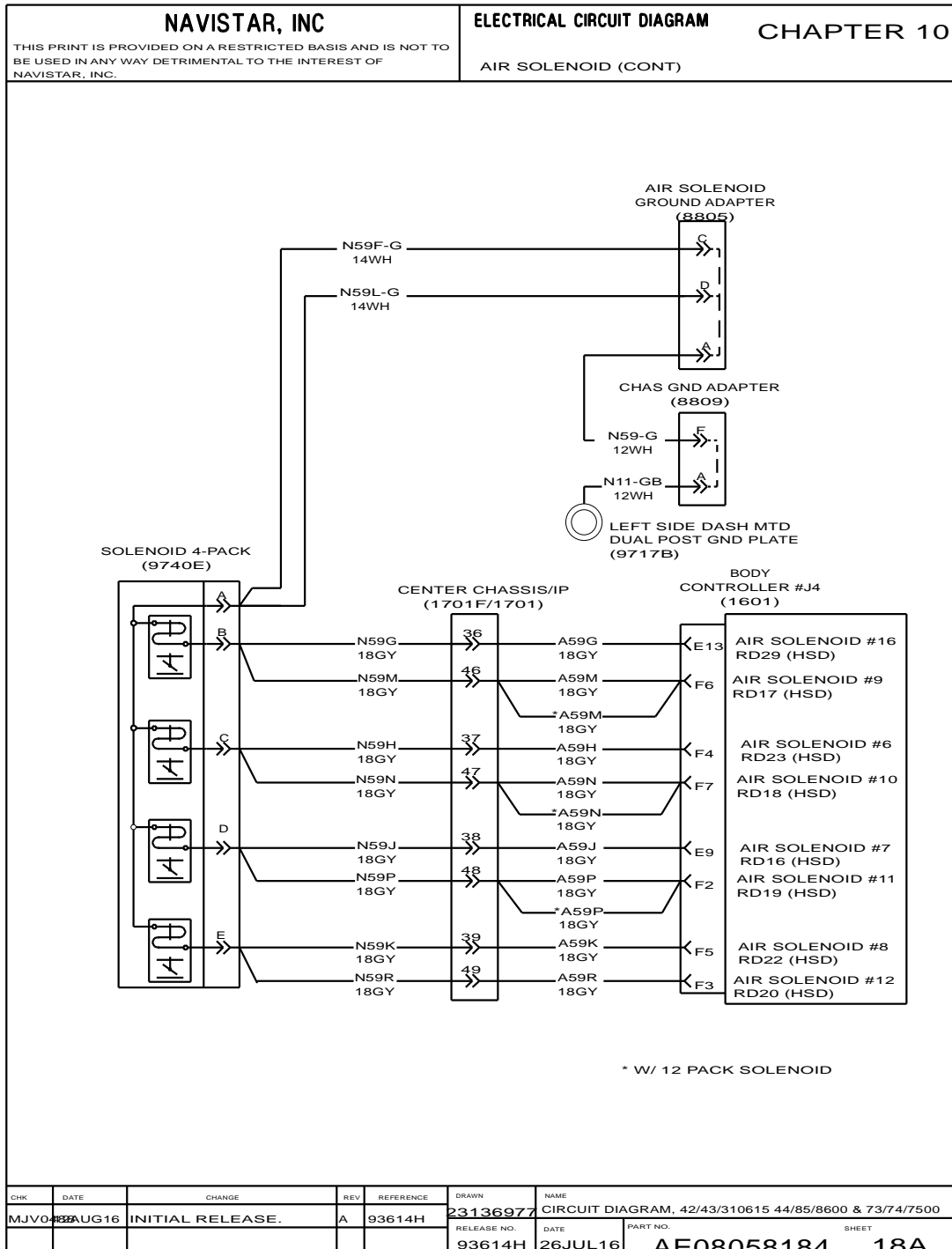


Figure 449 Air Solenoid (Cont.)

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

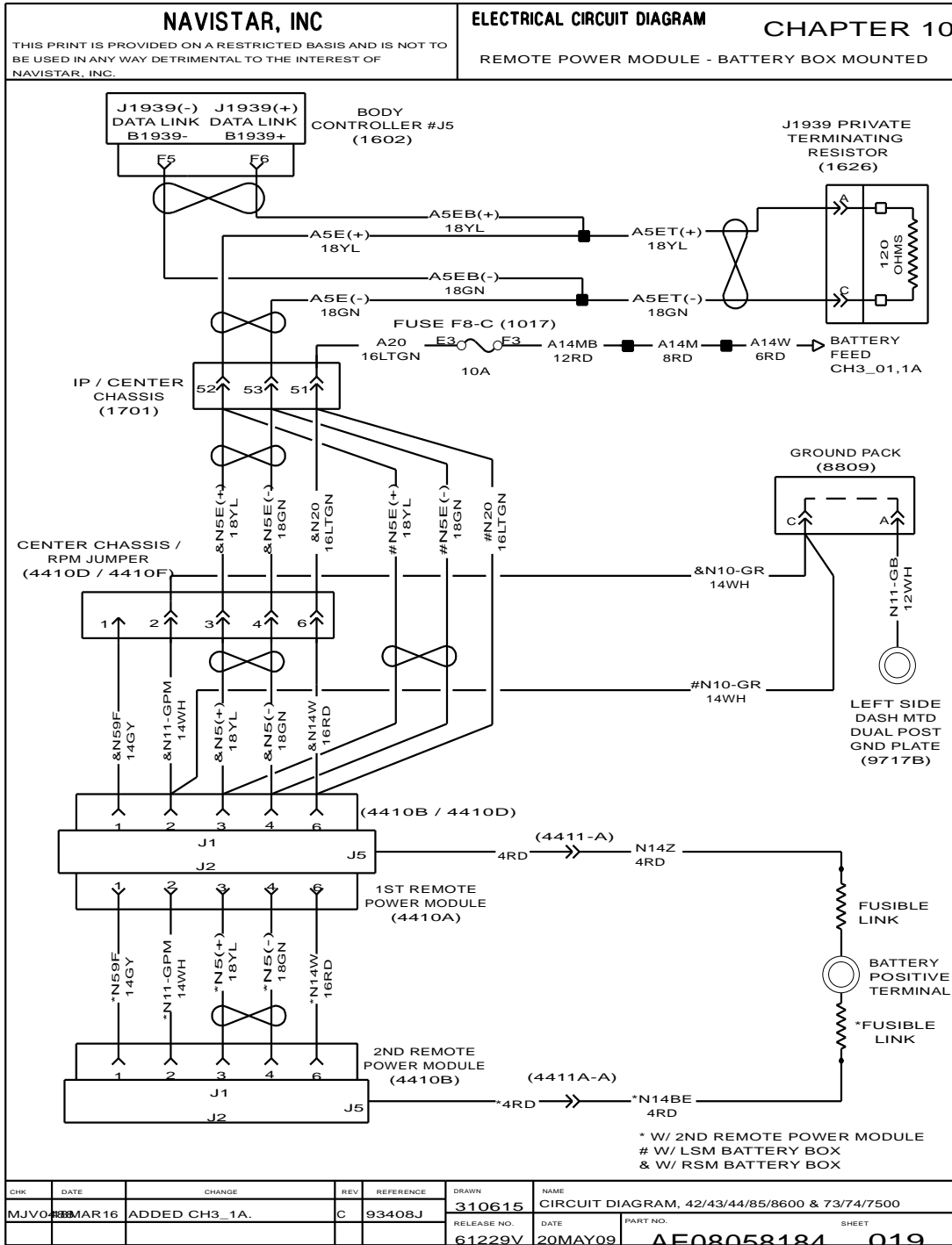


Figure 450 Remote Power Module – Battery Box Mounted

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

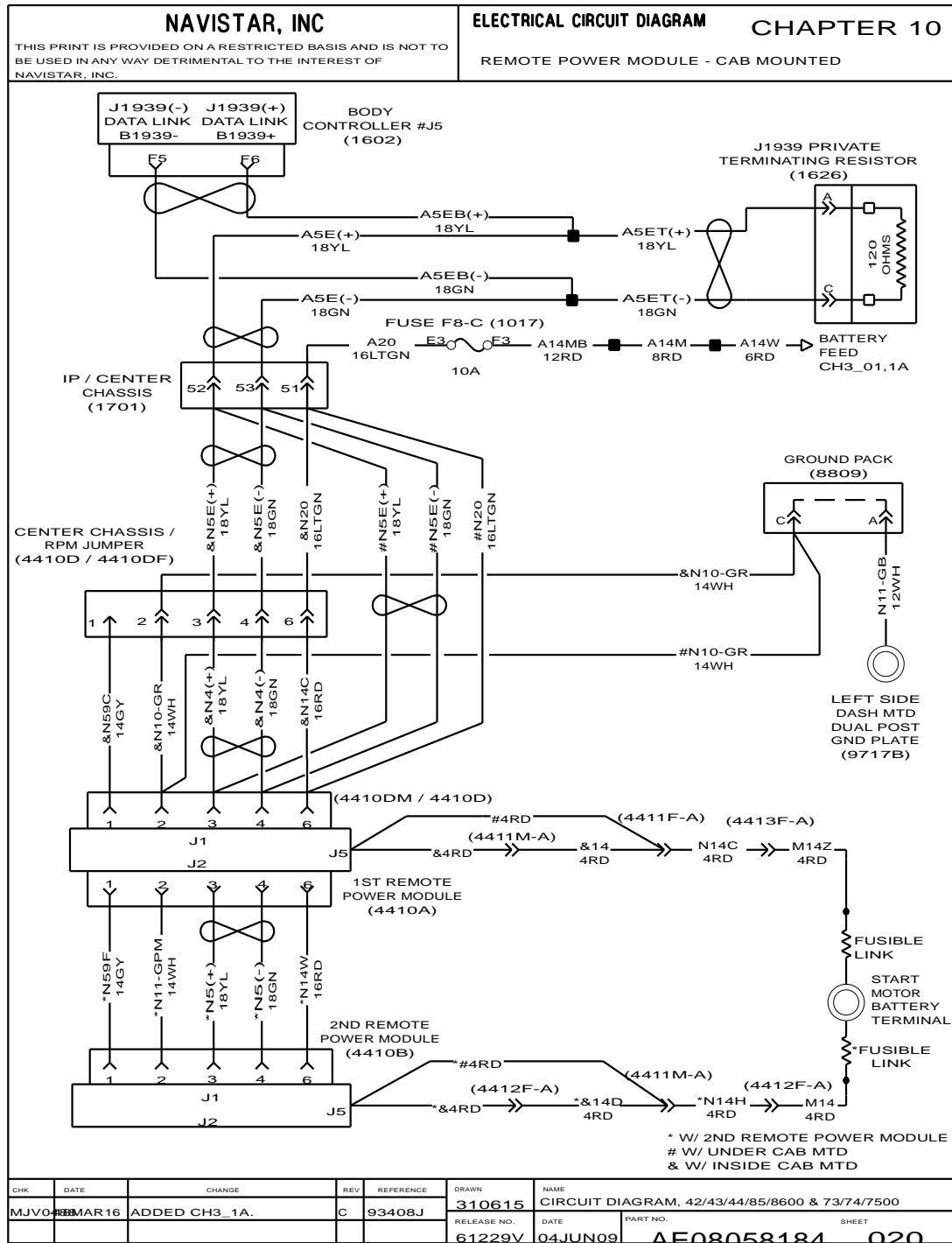


Figure 451 Remote Power Module – Cab Mounted

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

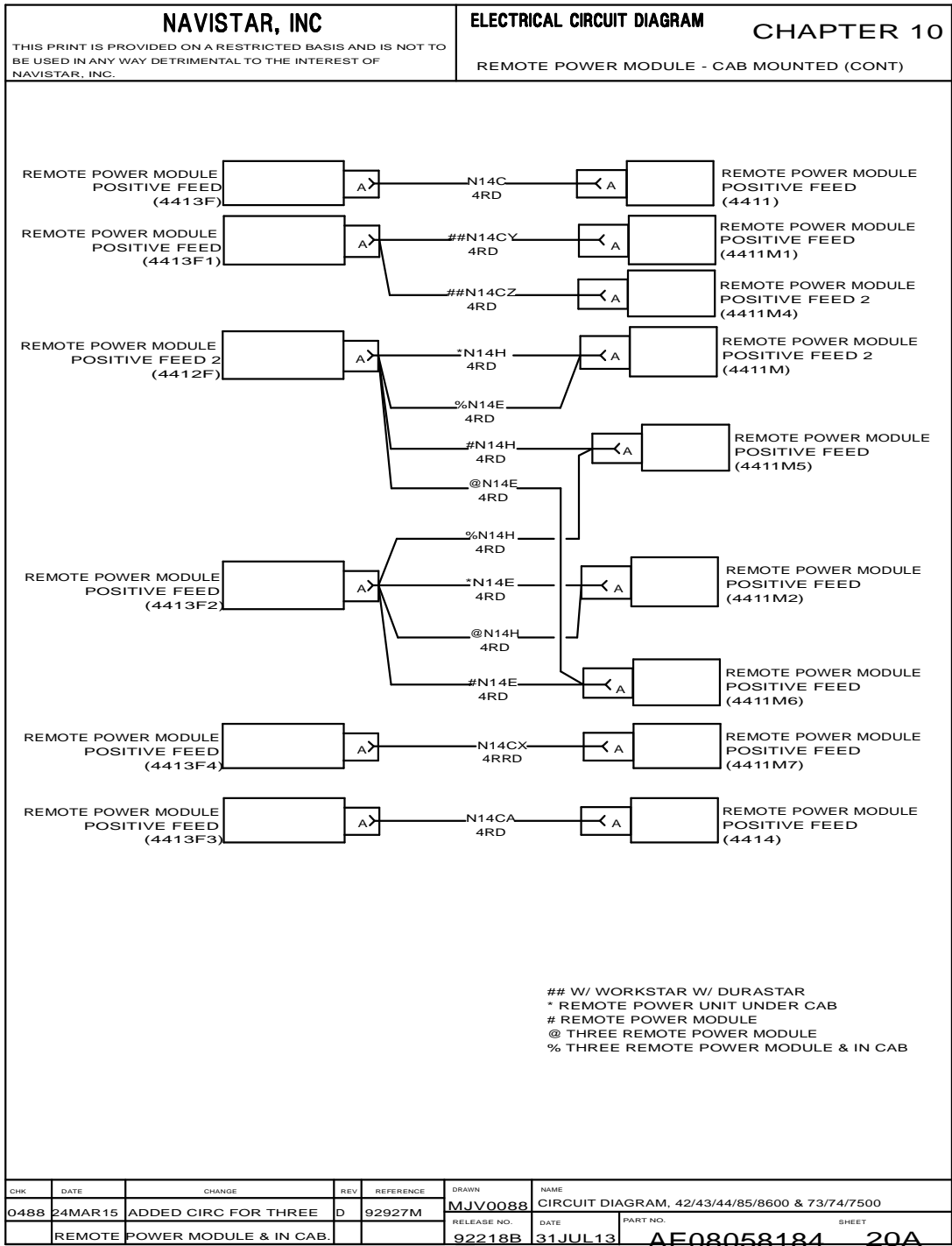


Figure 452 Remote Power Module – Cab Mounted (Cont.)

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

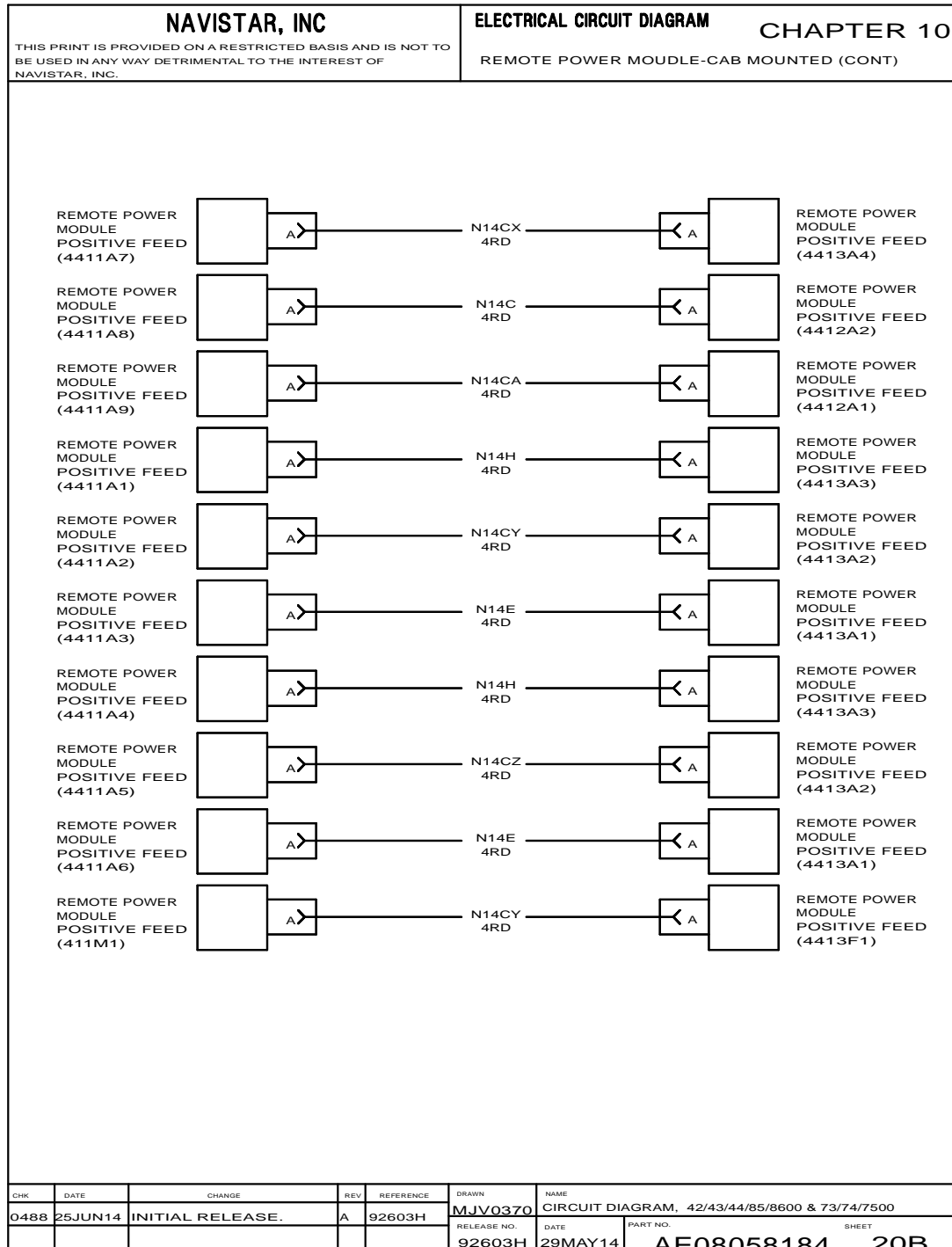


Figure 453 Remote Power Module – Cab Mounted (Cont.)

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

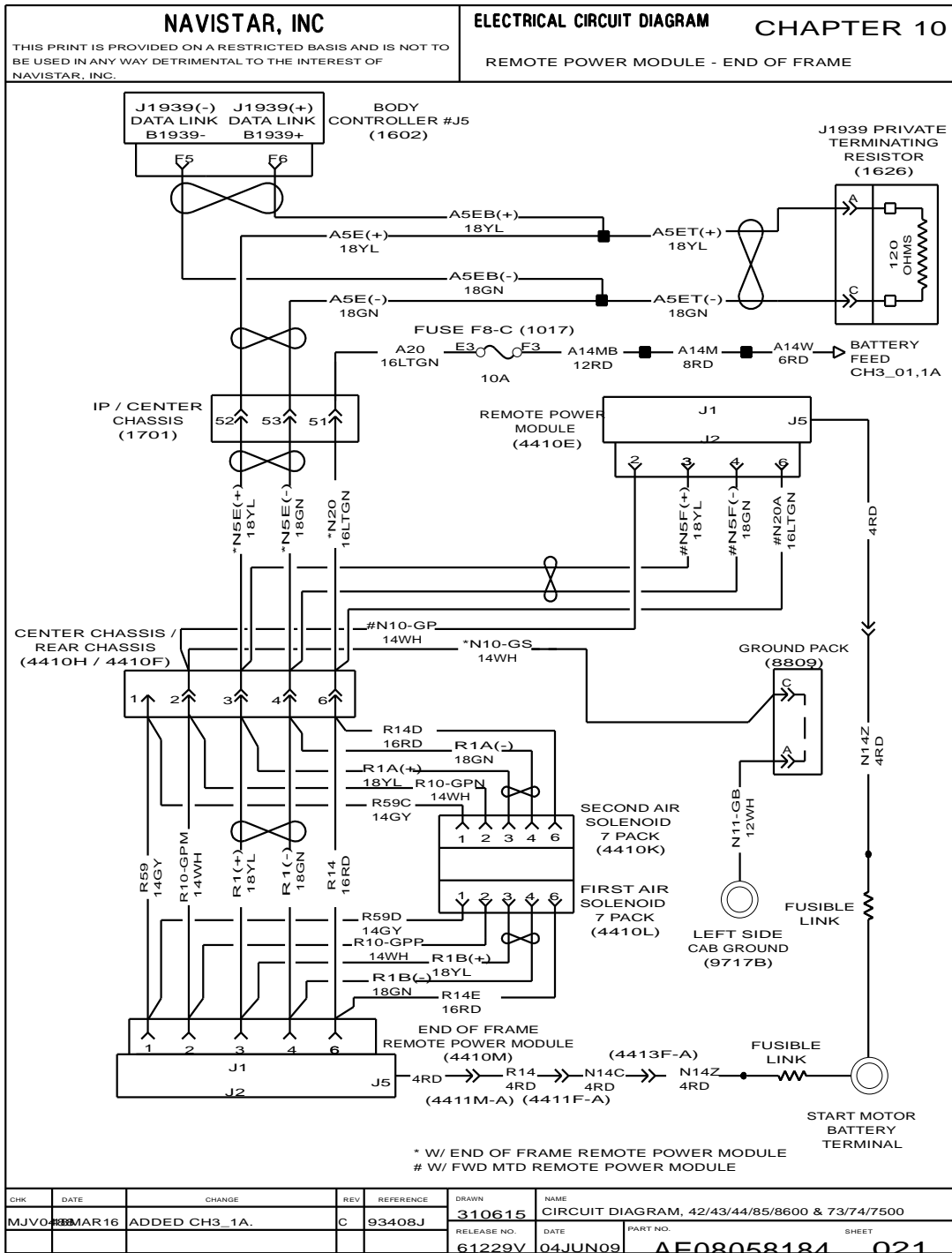


Figure 454 Remote Power Module – End of Frame



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

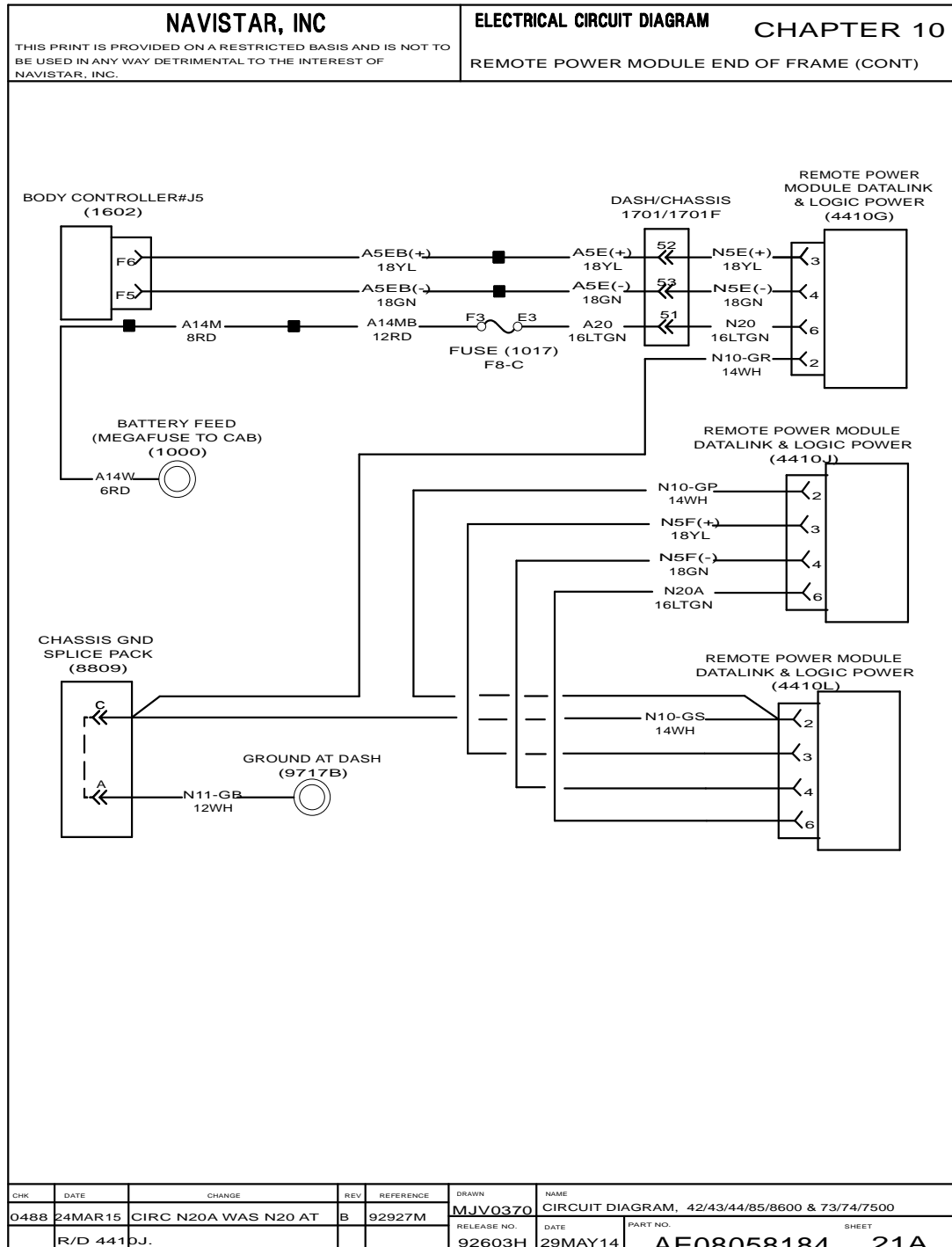


Figure 455 Remote Power Module End of Frame (Cont.)

10.46. FUEL / WATER SEPARATOR, P. 22

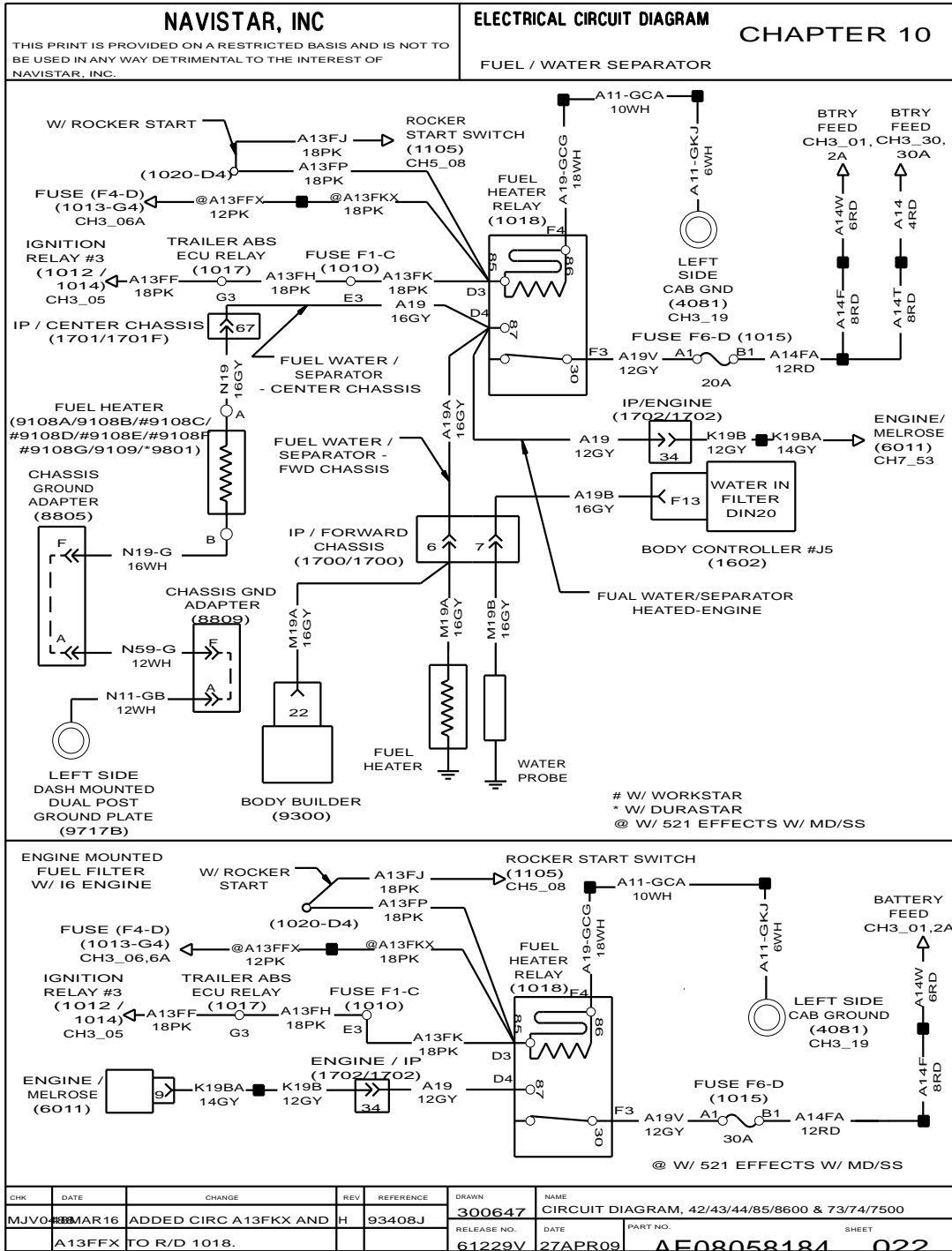


Figure 456 Fuel / Water Separator

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

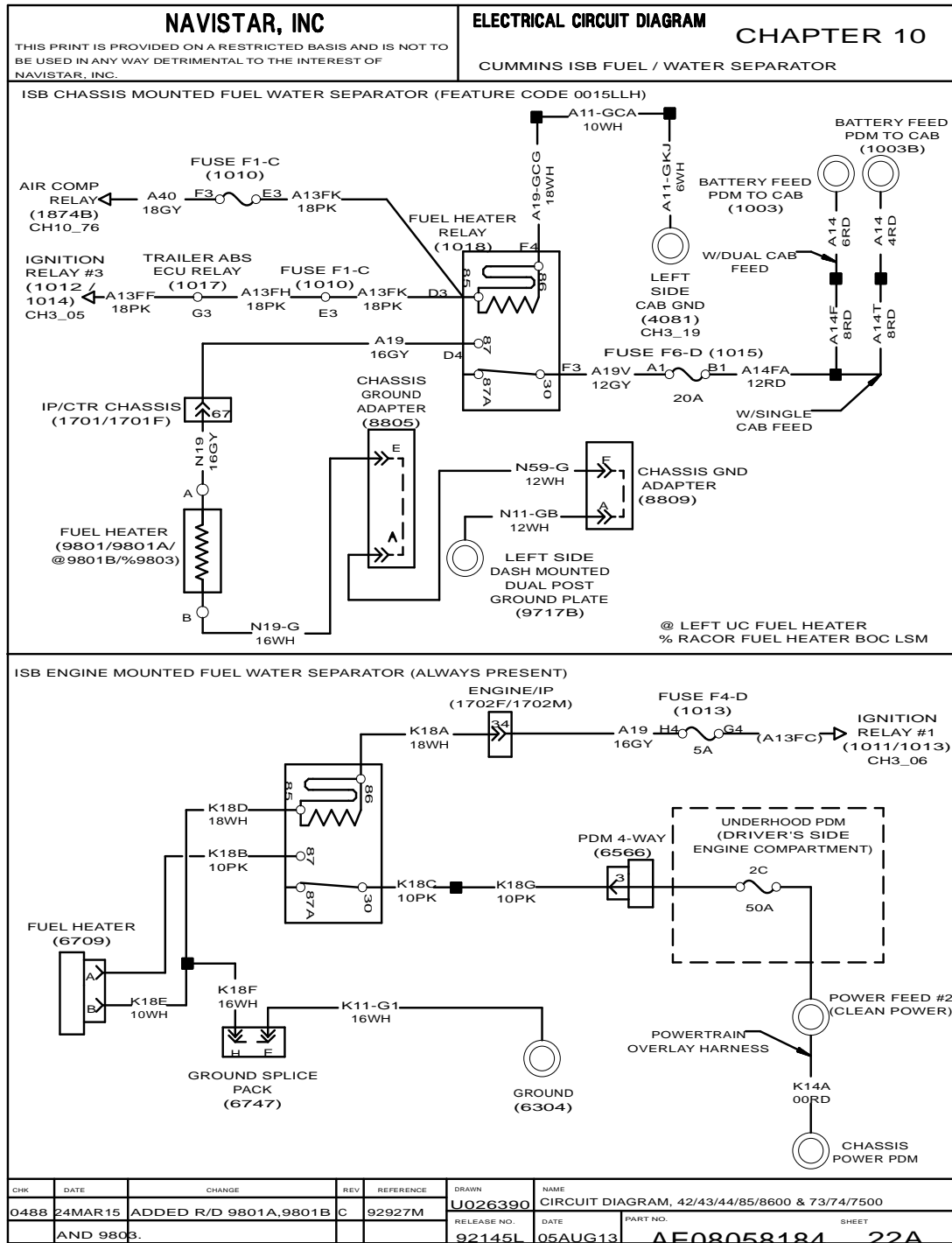


Figure 457 Cummins ISB Fuel / Water Separator

10.48. ELECTRIC TRAILER BRAKE, P. 23

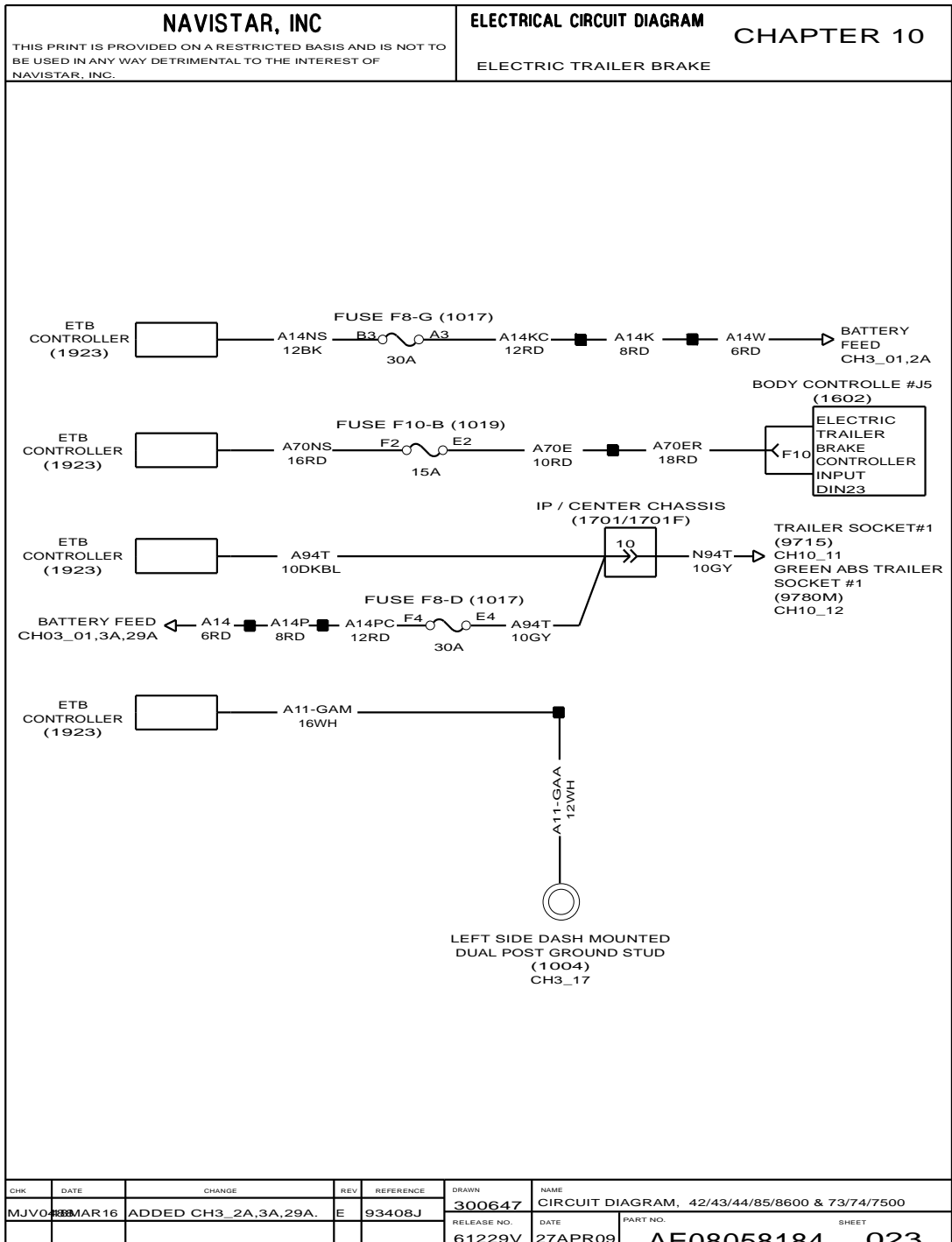


Figure 458 Electric Trailer Brake

10.49. LECTRASHIFT ACCOMMODATION, P. 24

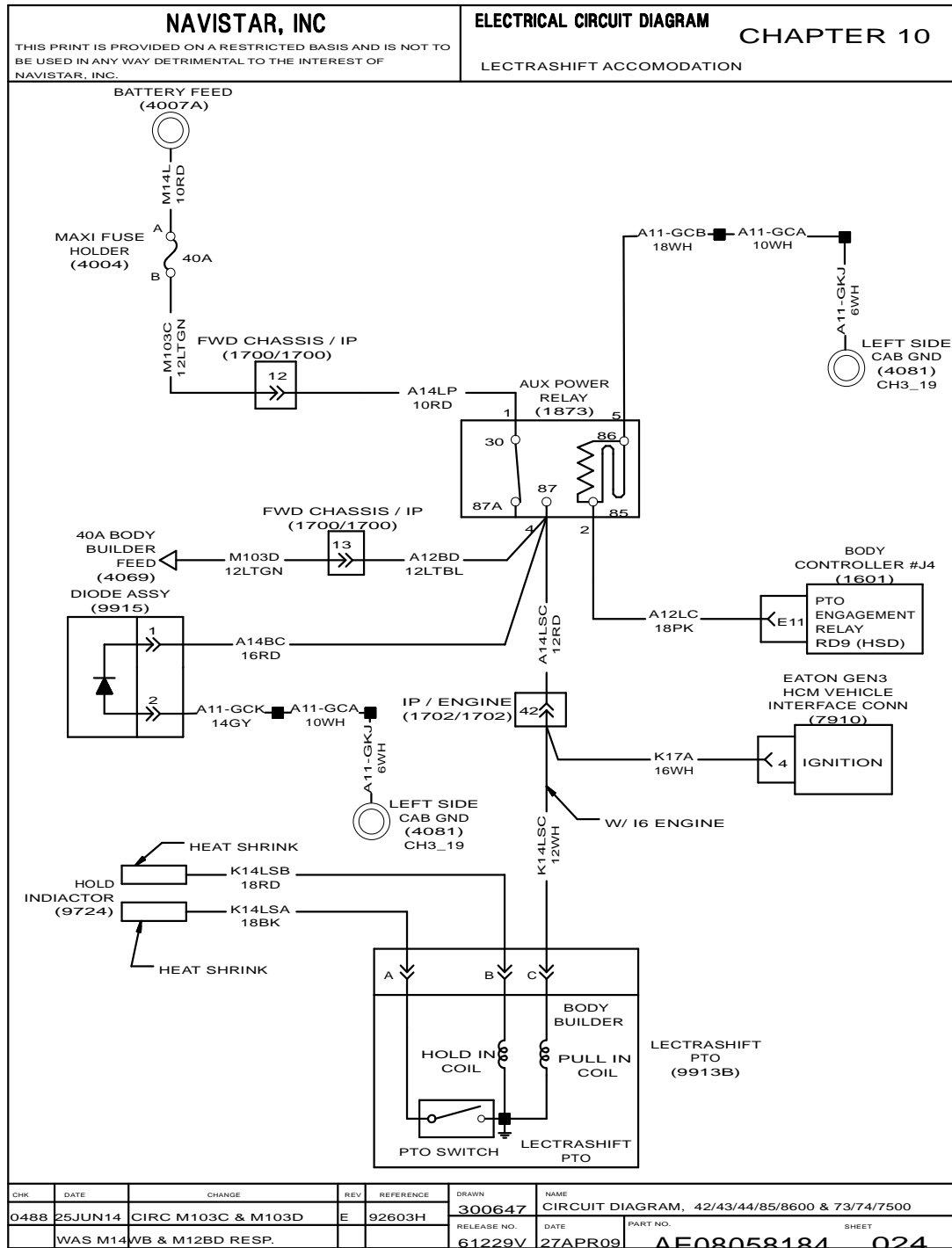


Figure 459 Lectrashift Accommodation

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

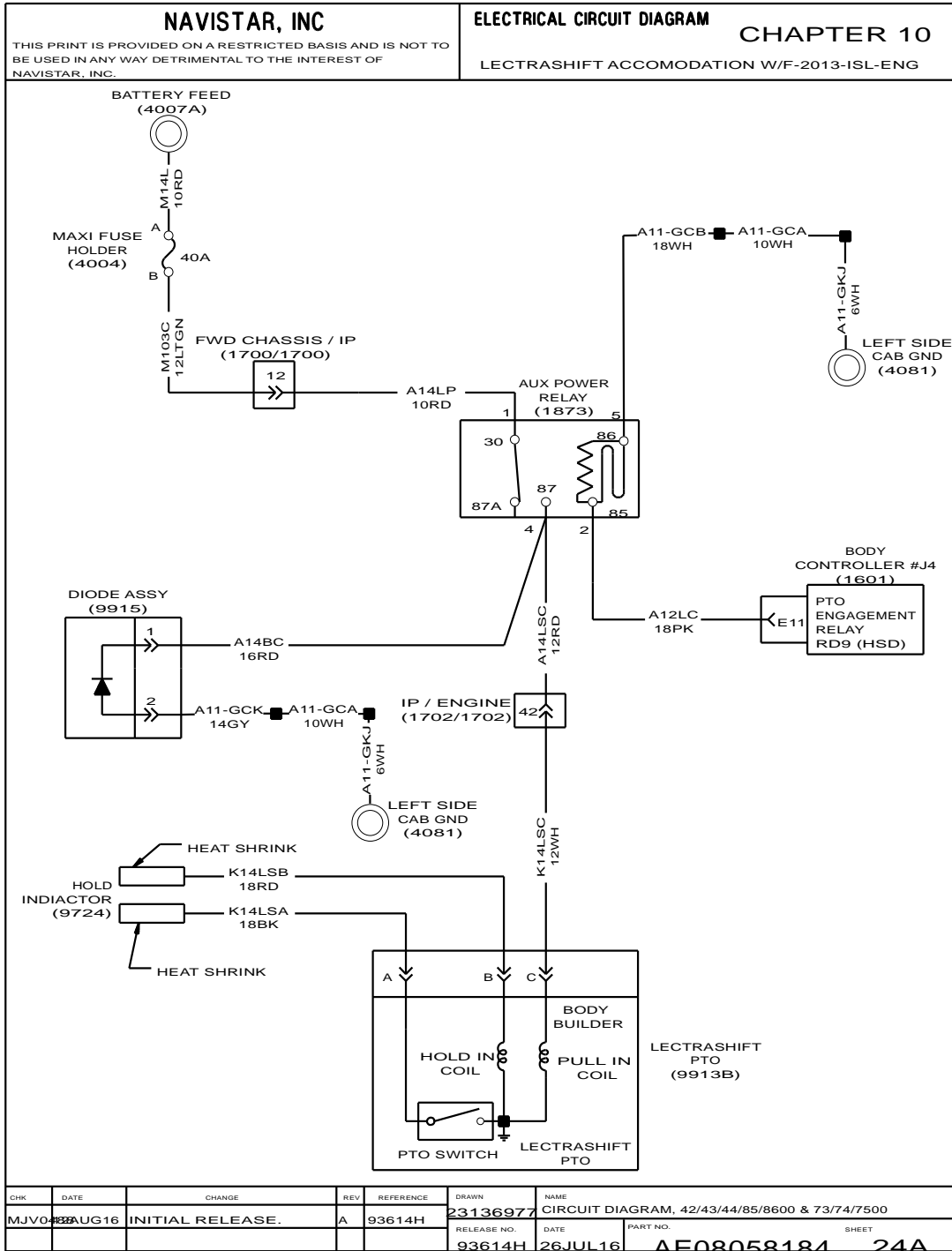


Figure 460 Lectrashift Accommodation with F-2013 ISL Engine

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

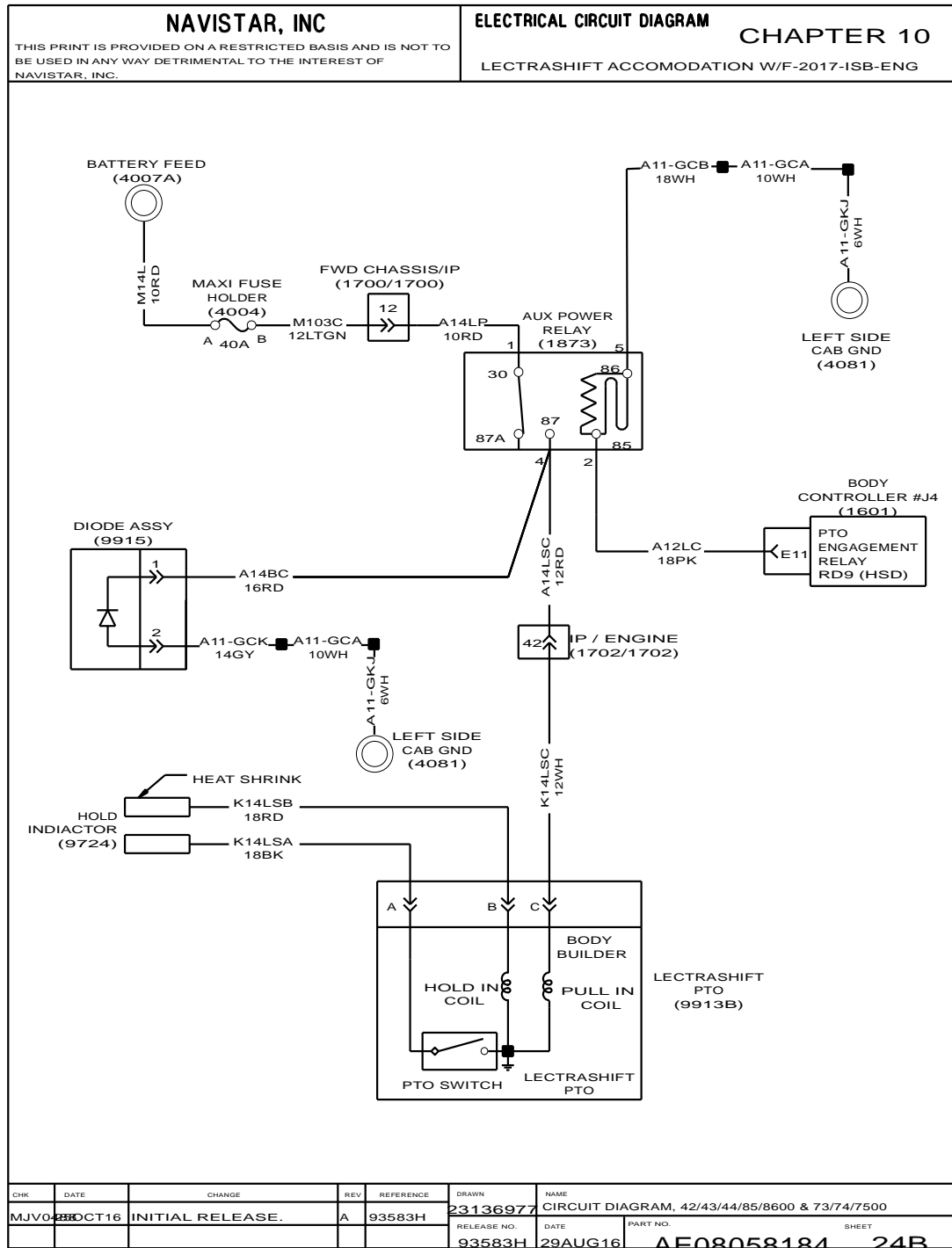


Figure 461 Lectrashift Accommodation with F-2017 ISB Engine

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

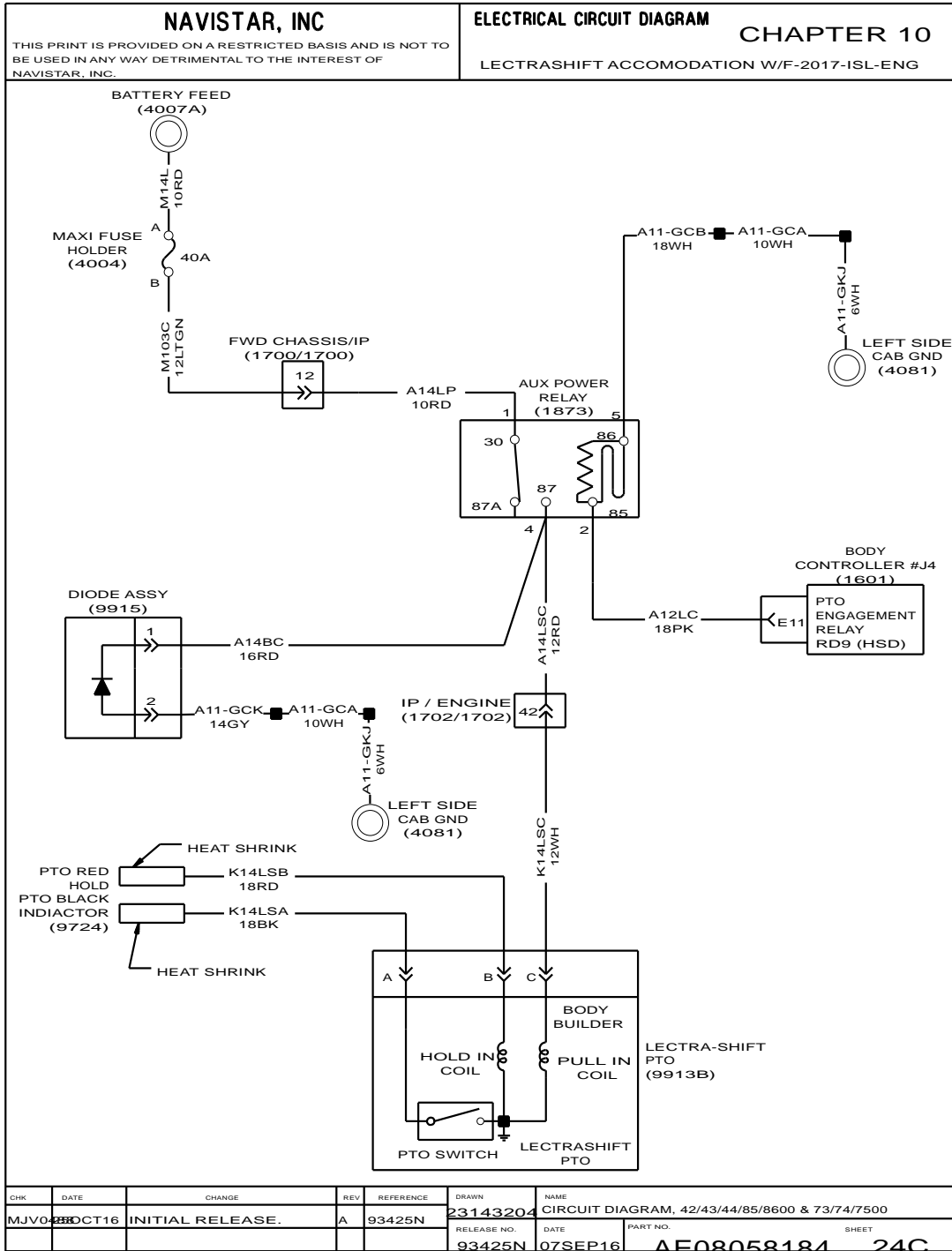


Figure 462 Lectrashift Accommodation with F-2017-ISL Engine



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

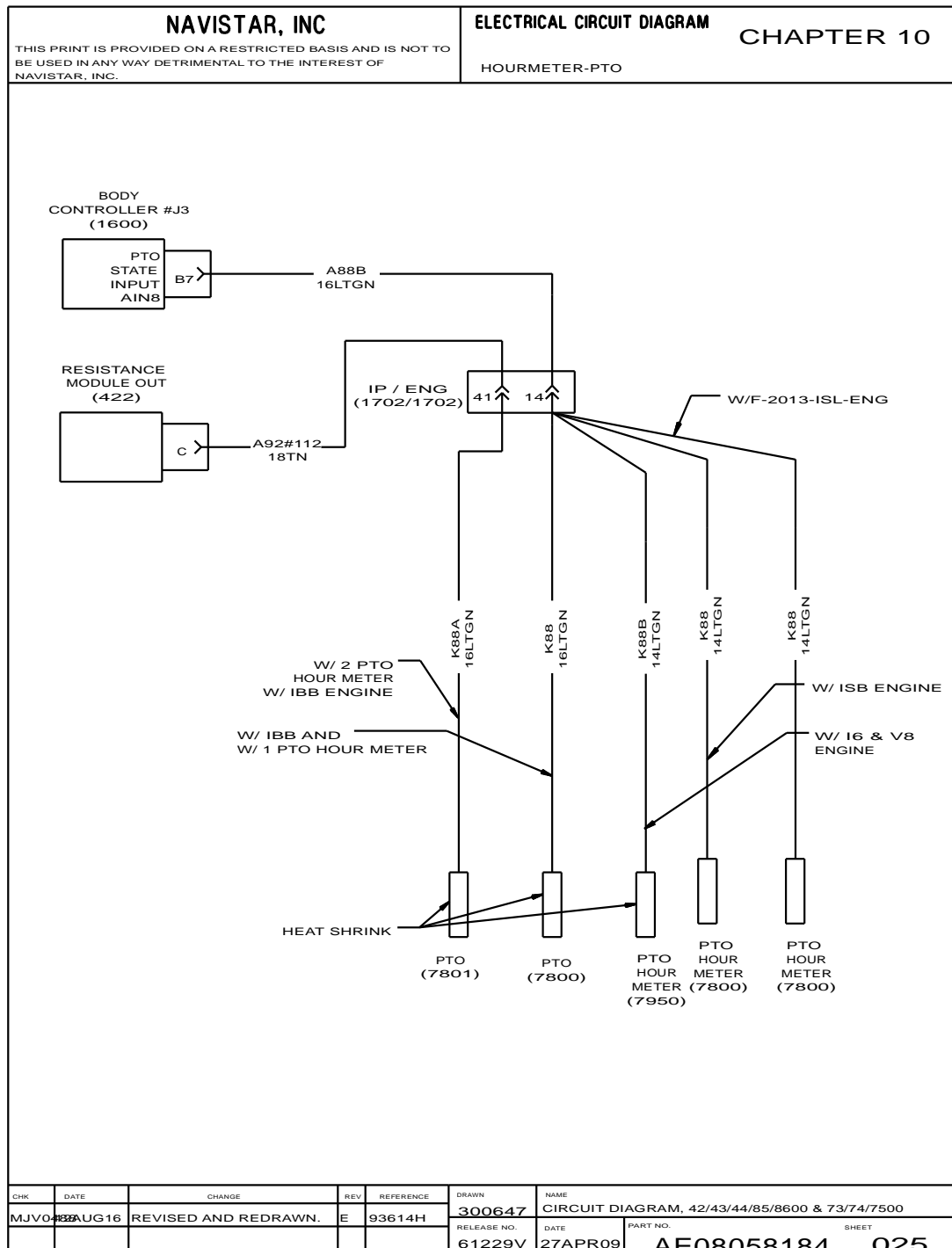


Figure 463 Hour Meter – Power Take-Off (PTO)

10.54. AUXILIARY INPUTS AND DRIVERS, P. 26

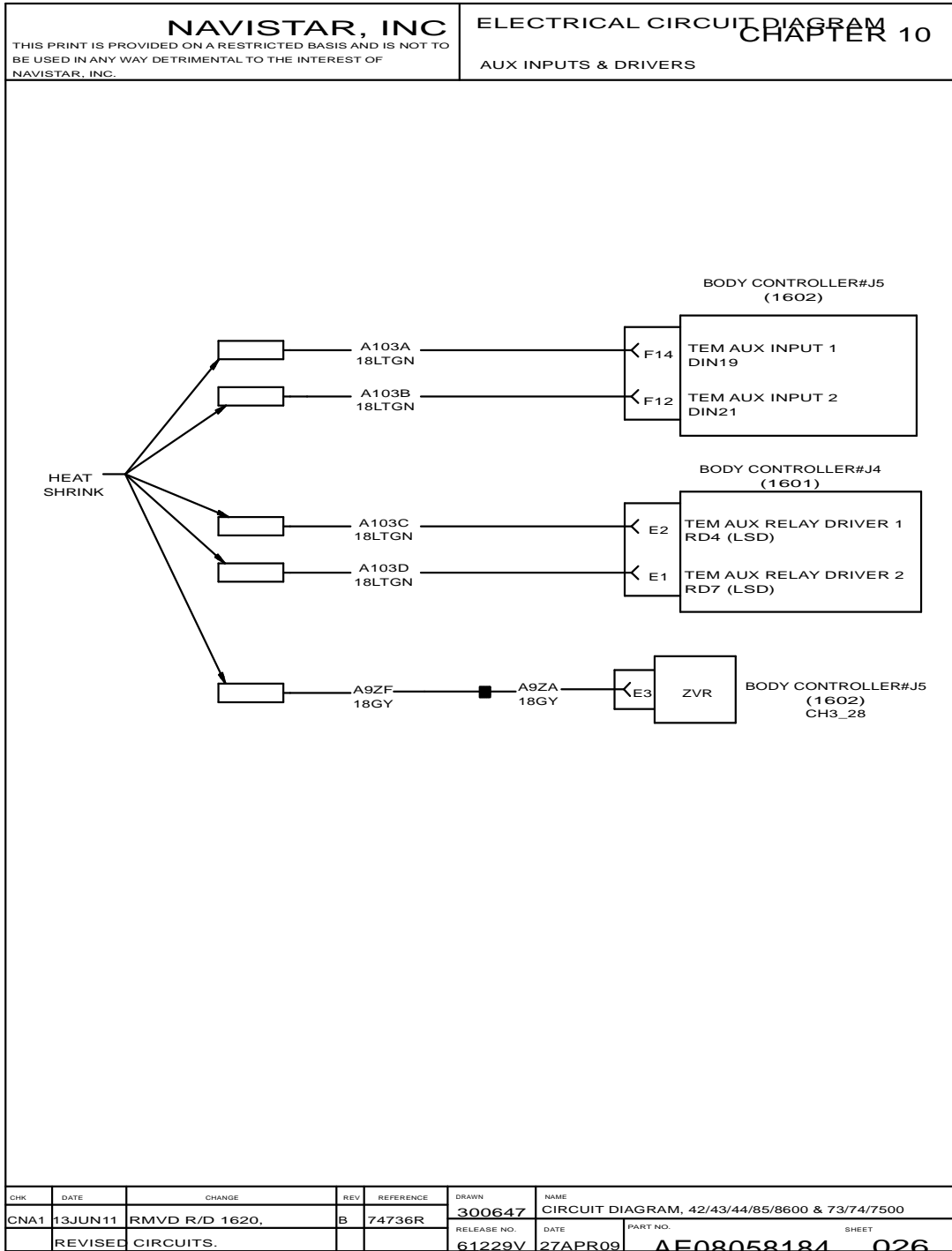


Figure 464 Auxiliary Inputs and Drivers

10.55. FUEL TRANSFER PUMP, P. 27

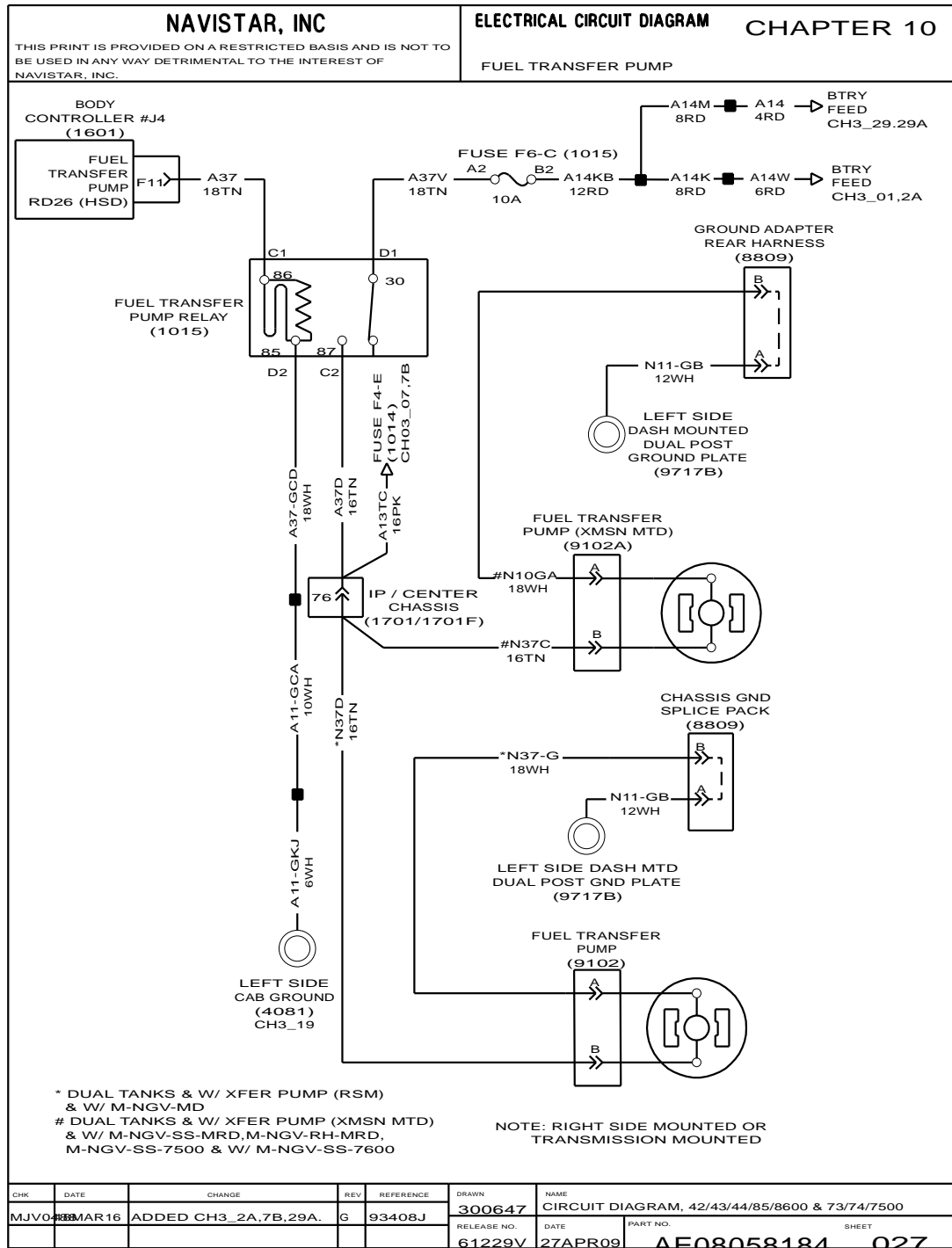


Figure 465 Fuel Transfer Pump

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

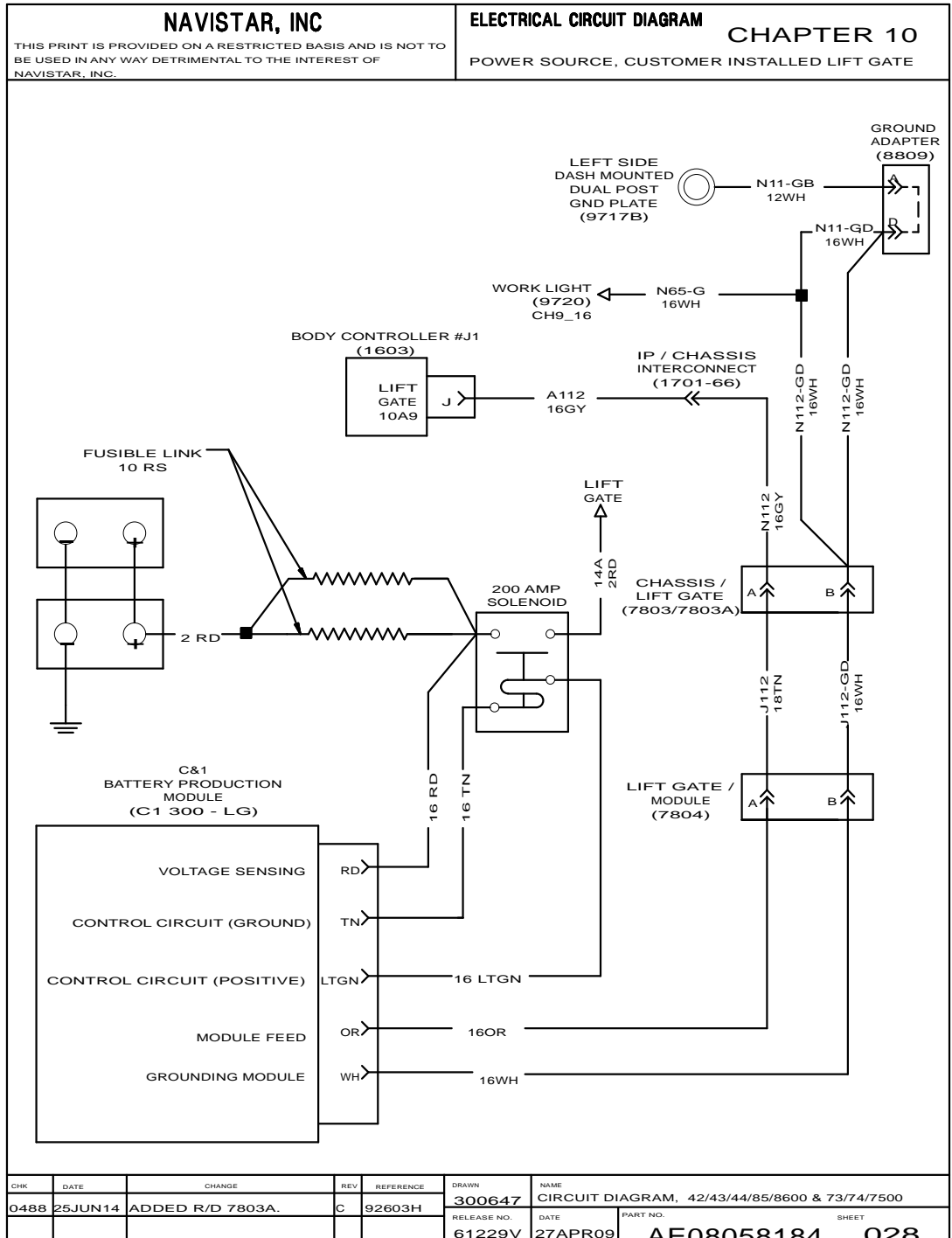


Figure 466 Power Source, Customer Installed Lift Gate

10.57. WHEELCHAIR LIFT INTERLOCK, P. 29

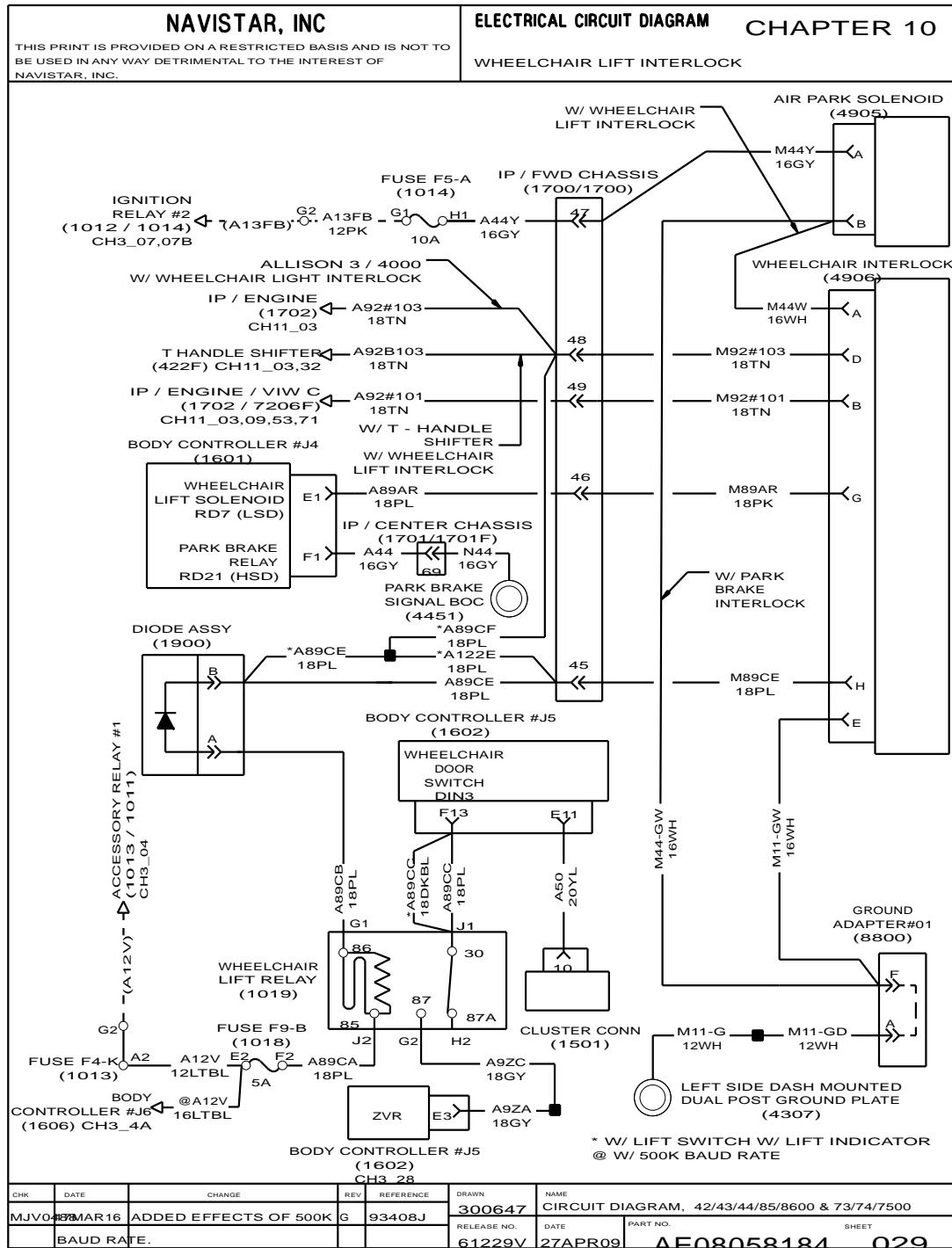


Figure 467 Wheelchair Lift Interlock

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

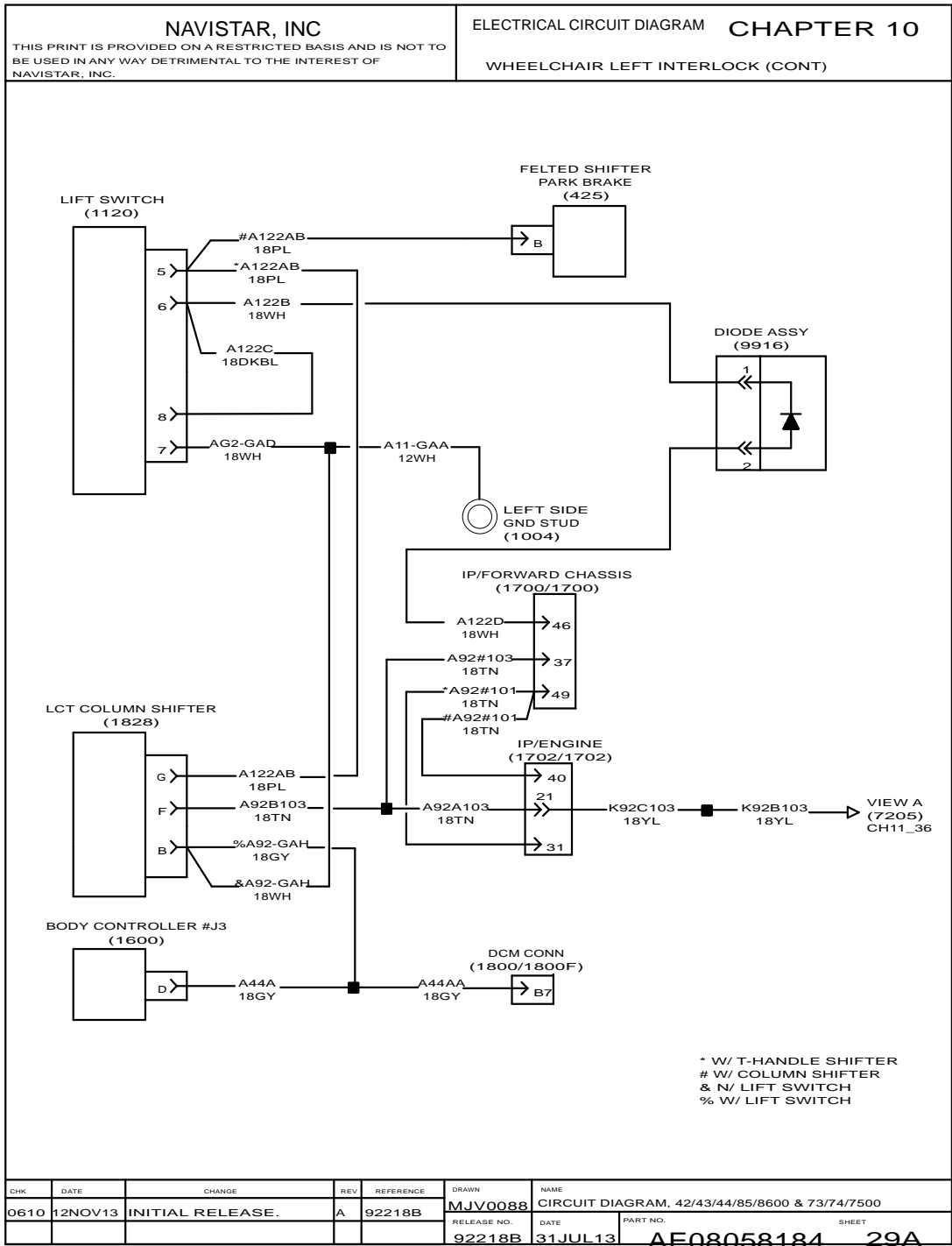


Figure 468 Wheelchair Lift Interlock (Cont.)



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

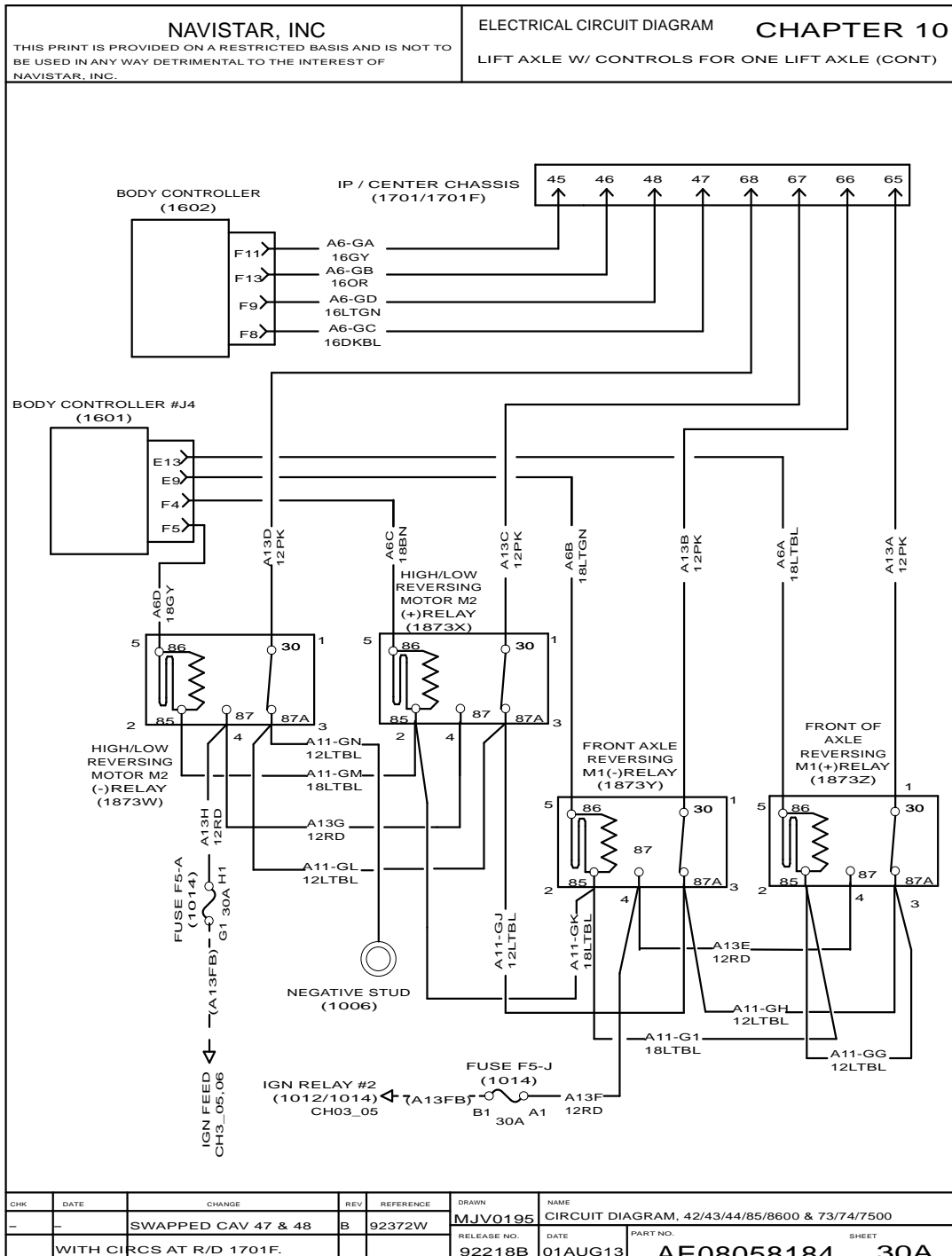


Figure 470 Lift Axle with Controls for One Lift Axle (Cont.)



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

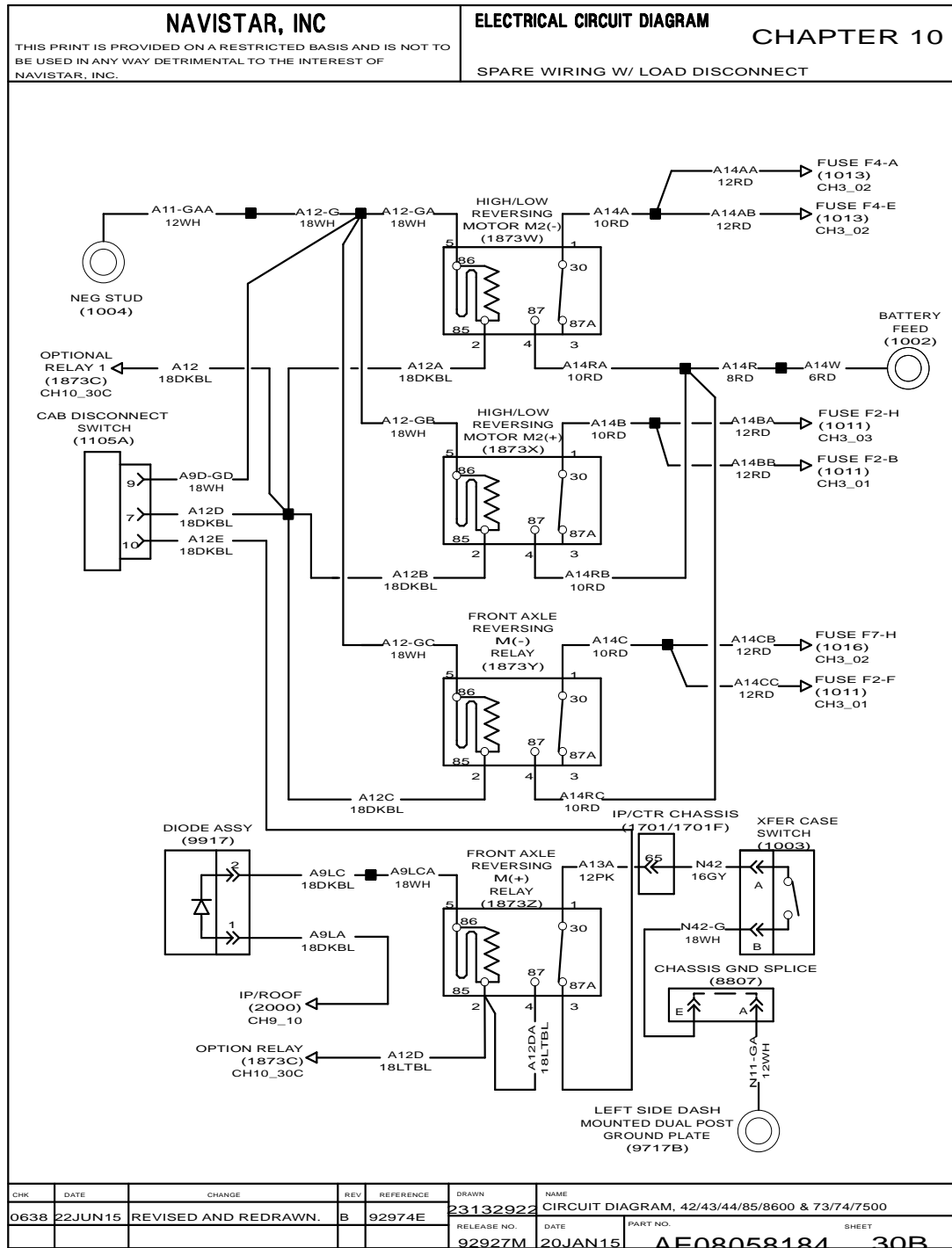


Figure 471 Spare Wiring with Load Disconnect

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

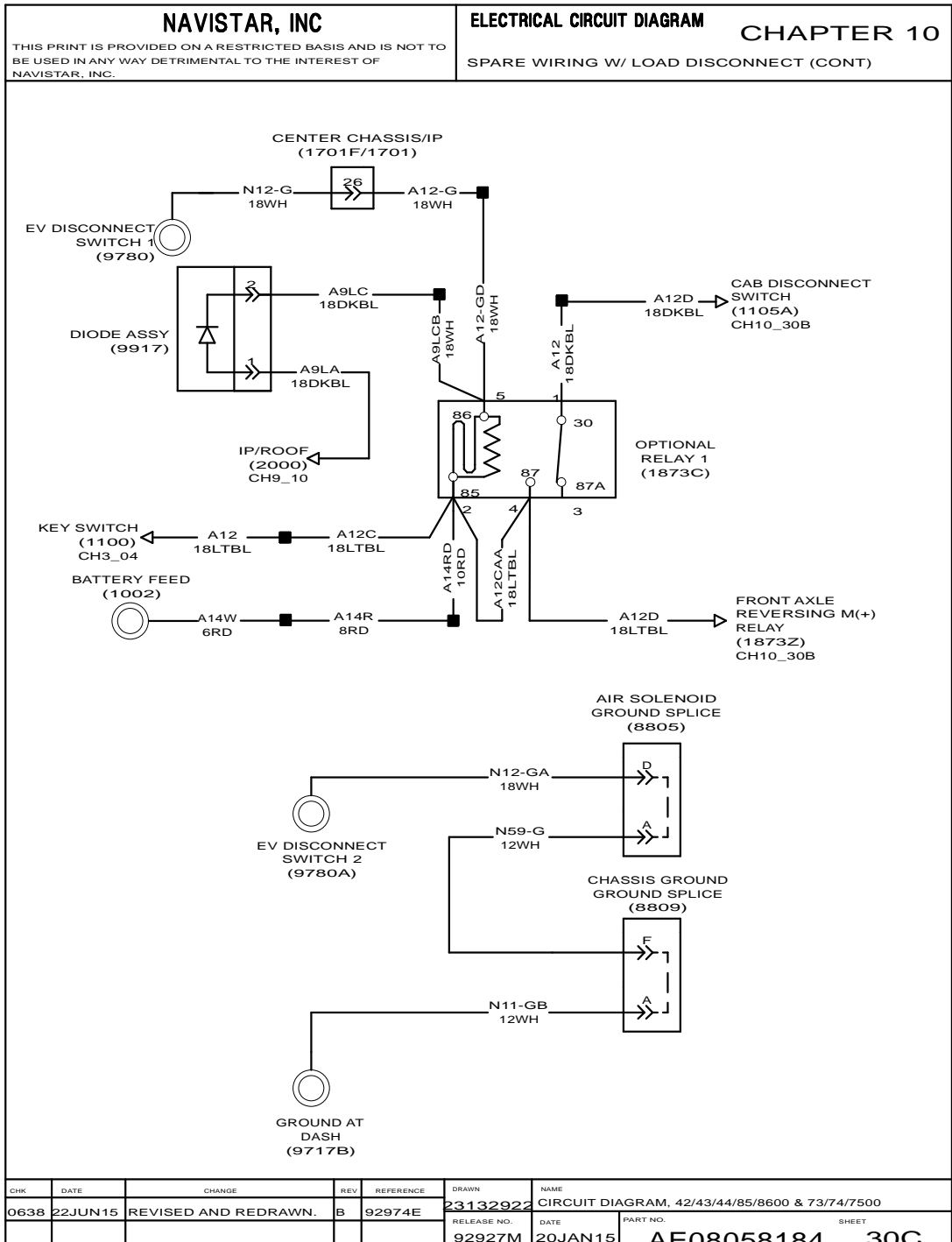


Figure 472 Spare Wiring with Load Disconnect (Cont.)

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

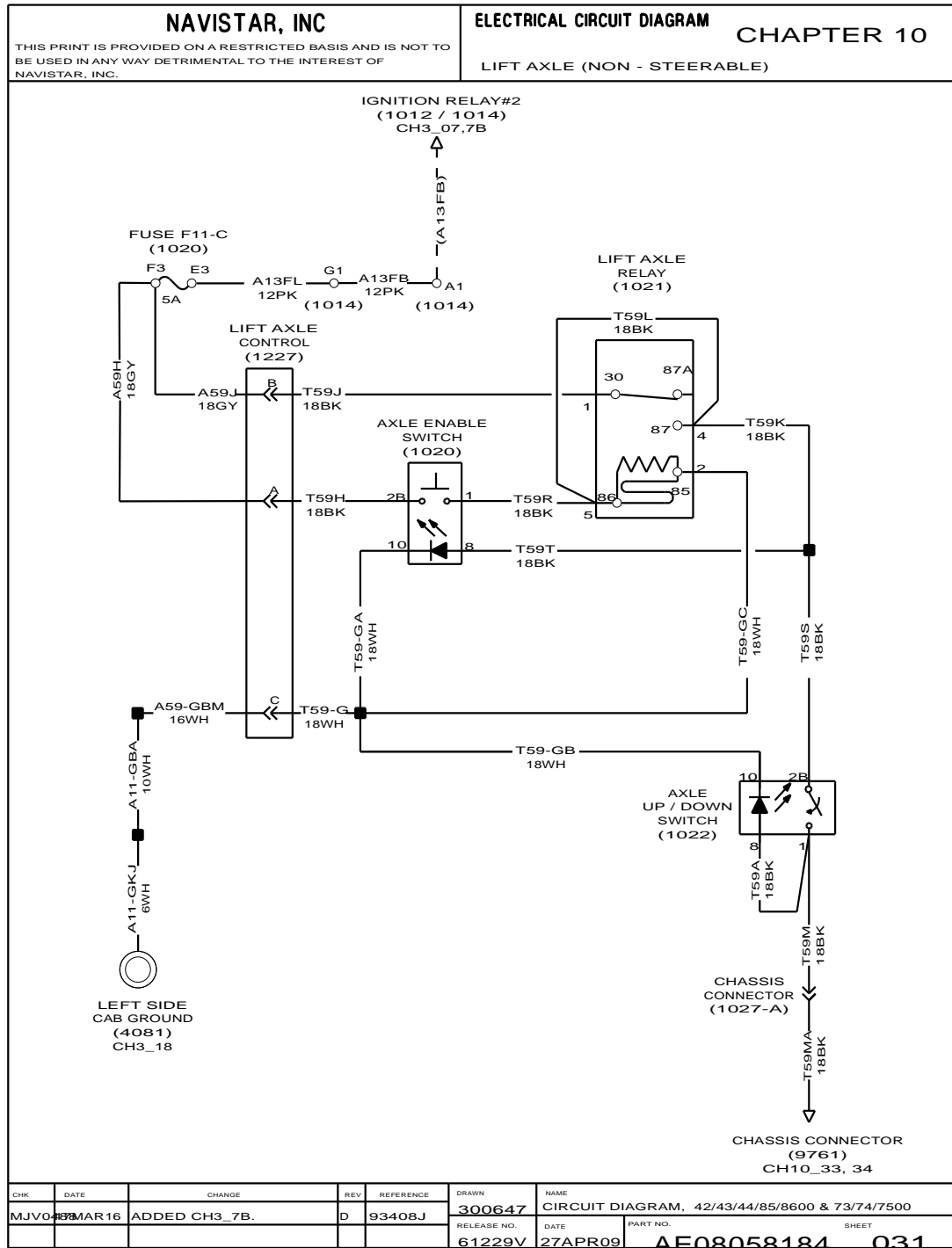


Figure 473 Lift Axle (Non-Steerable)

10.64. LIFT AXLE (STEERABLE), P. 32

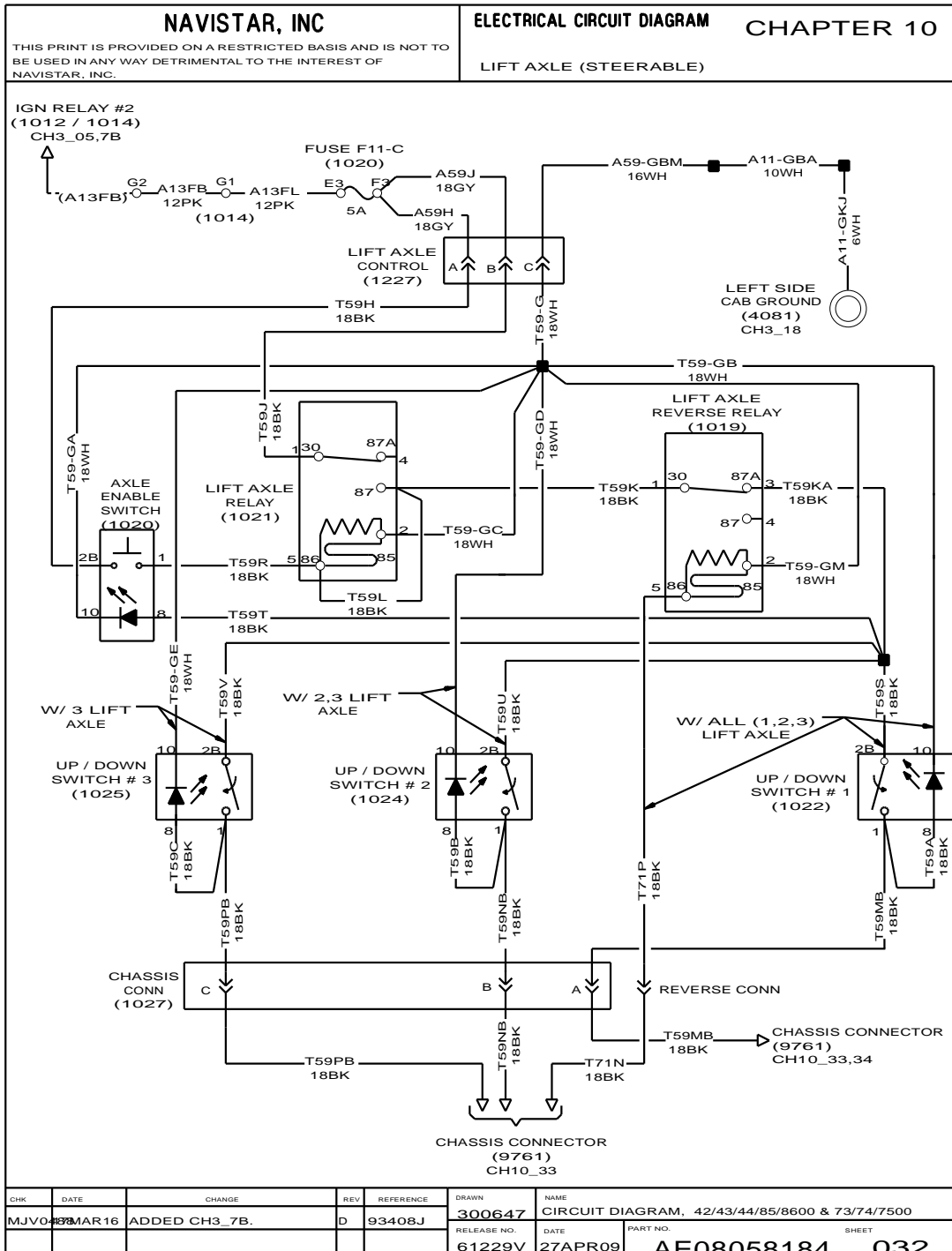


Figure 474 Lift Axle (Steerable)

10.65. LIFT AXLE, P. 33

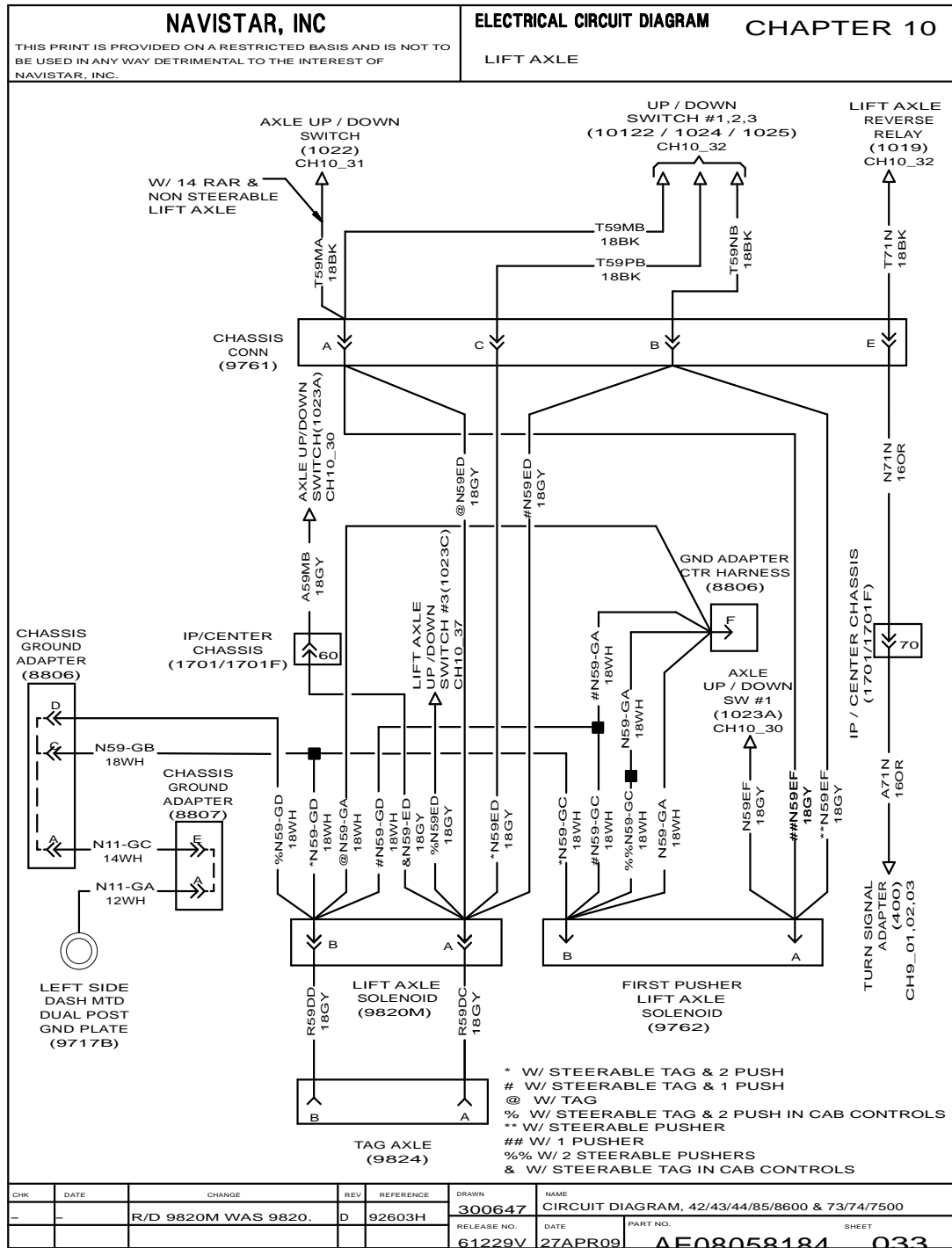


Figure 475 Lift Axle

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

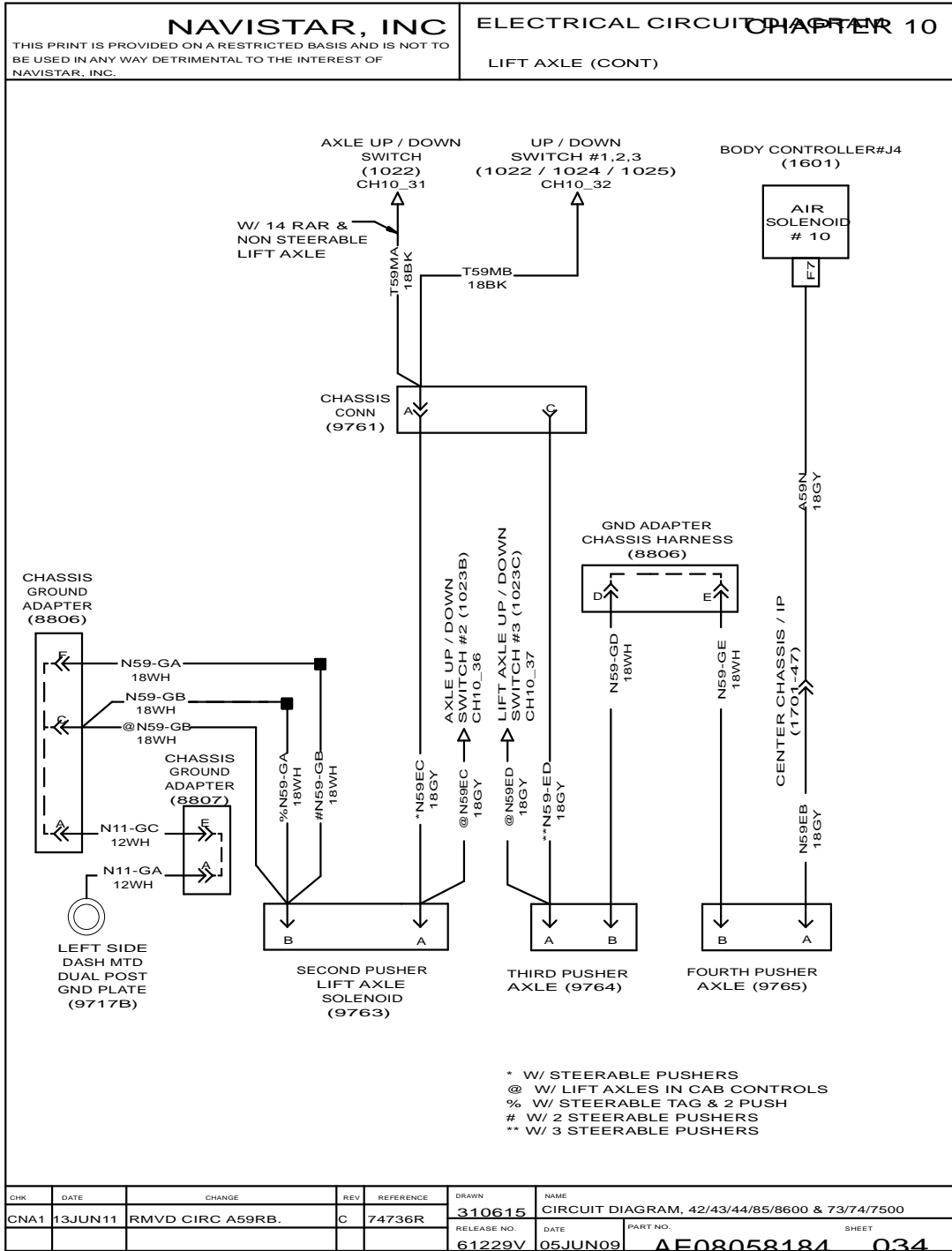


Figure 476 Lift Axle (Cont.)

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

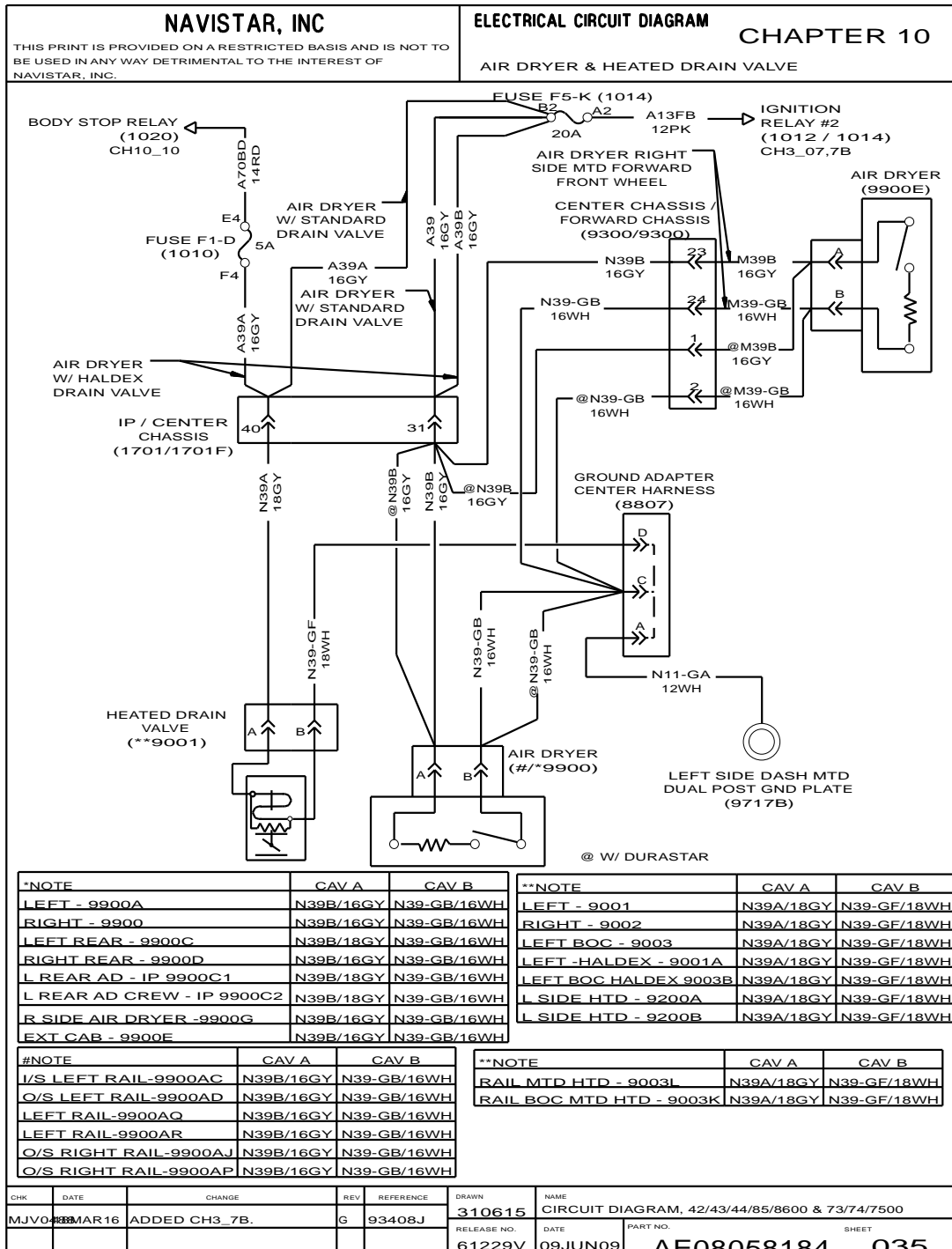


Figure 477 Air Dryer and Heated Drain Valve

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

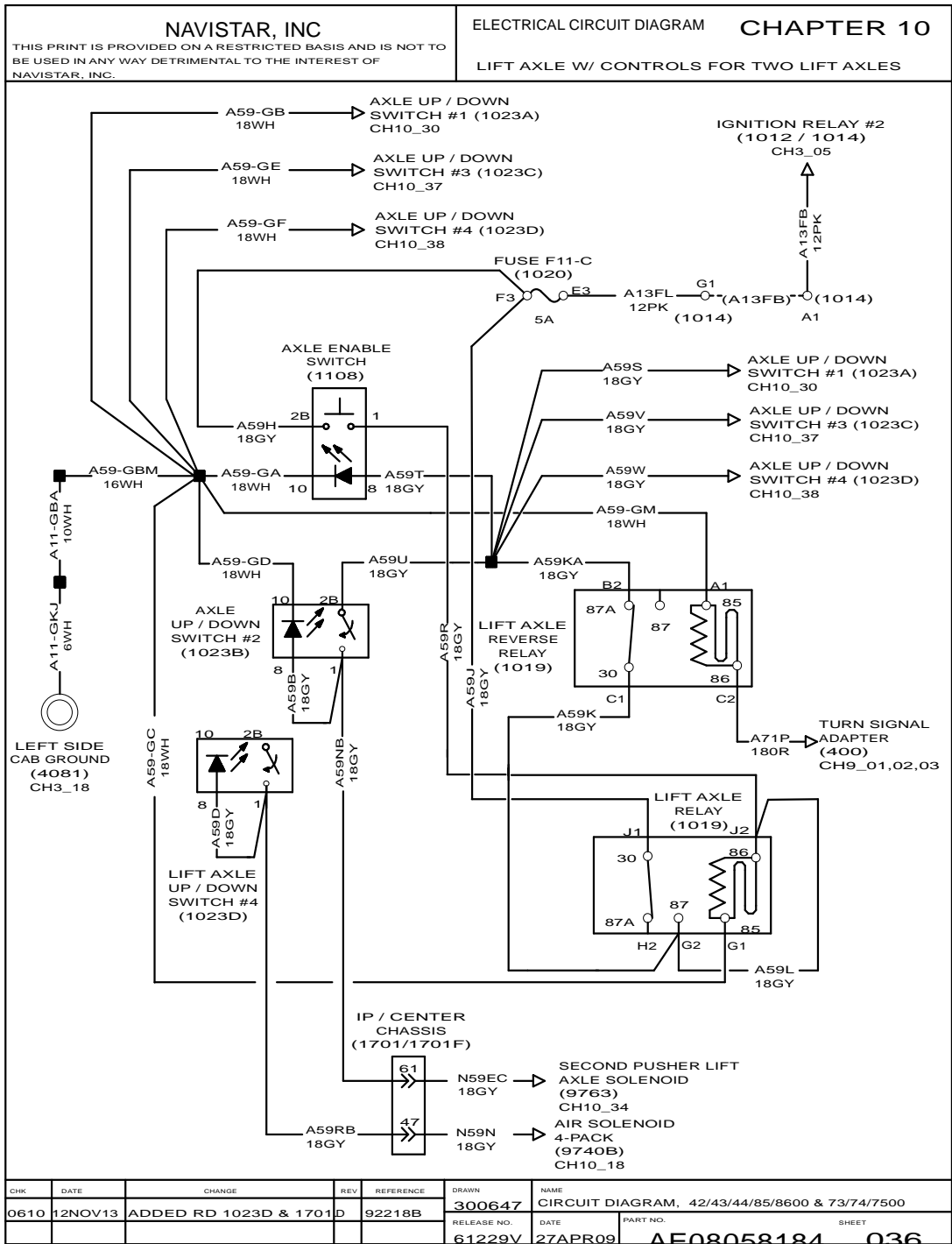
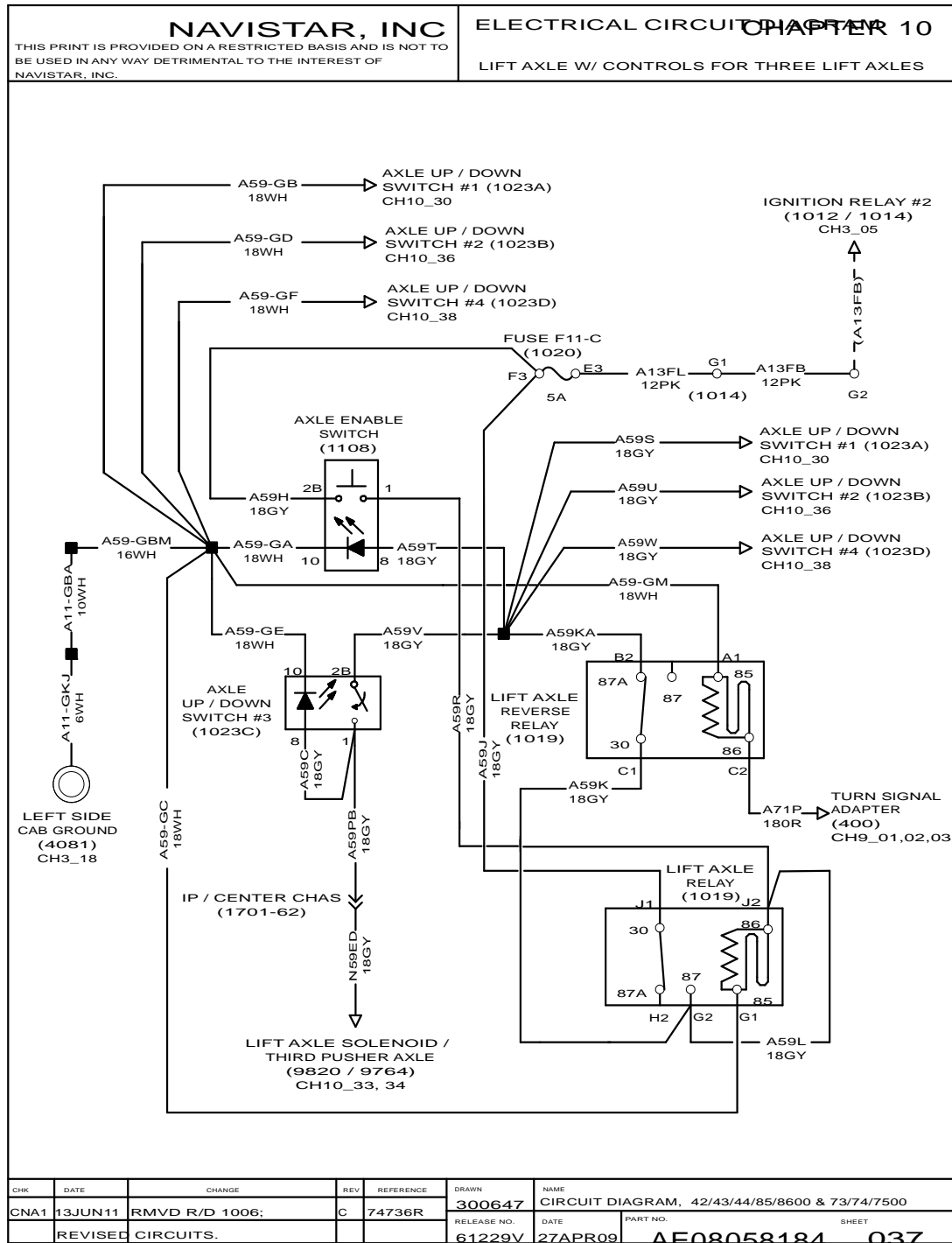


Figure 478 Lift Axle with Controls for Two Lift Axles



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



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

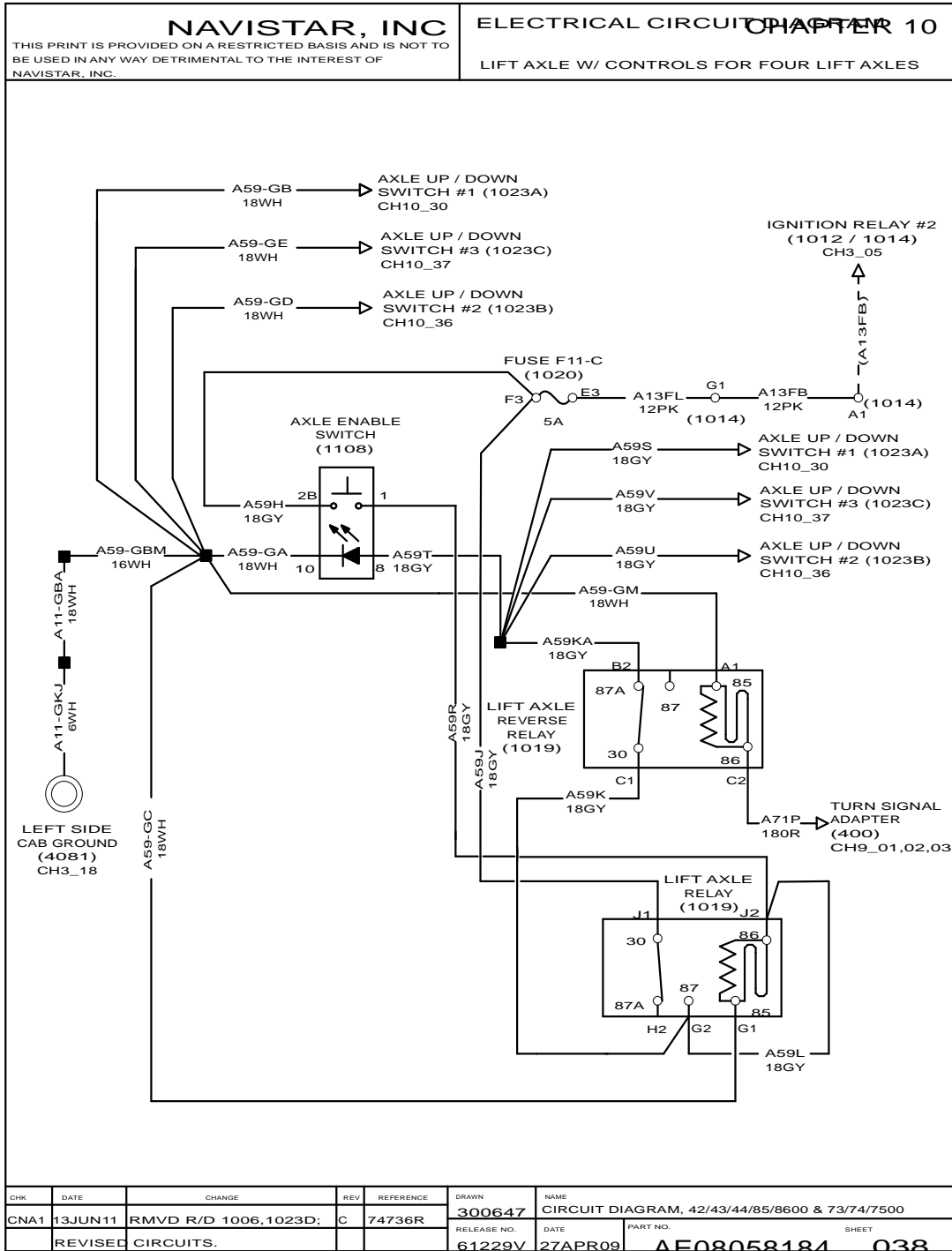


Figure 480 Lift Axles with Controls for Four Lift Axles

10.71. ABS ROLL OVER STABILITY, P. 39

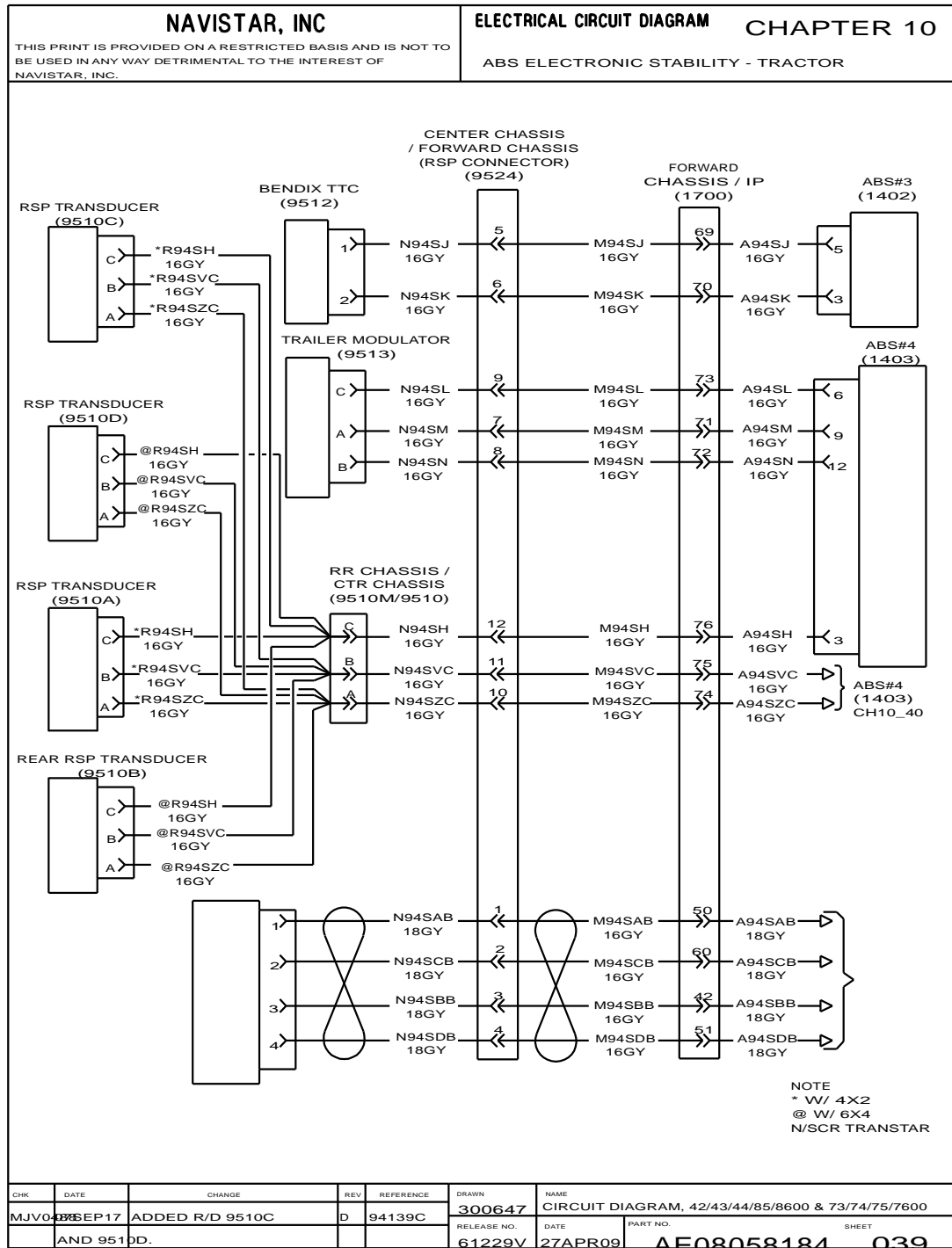


Figure 481 ABS Roll Over Stability

10.72. ABS ELECTRONIC STABILITY, P. 40

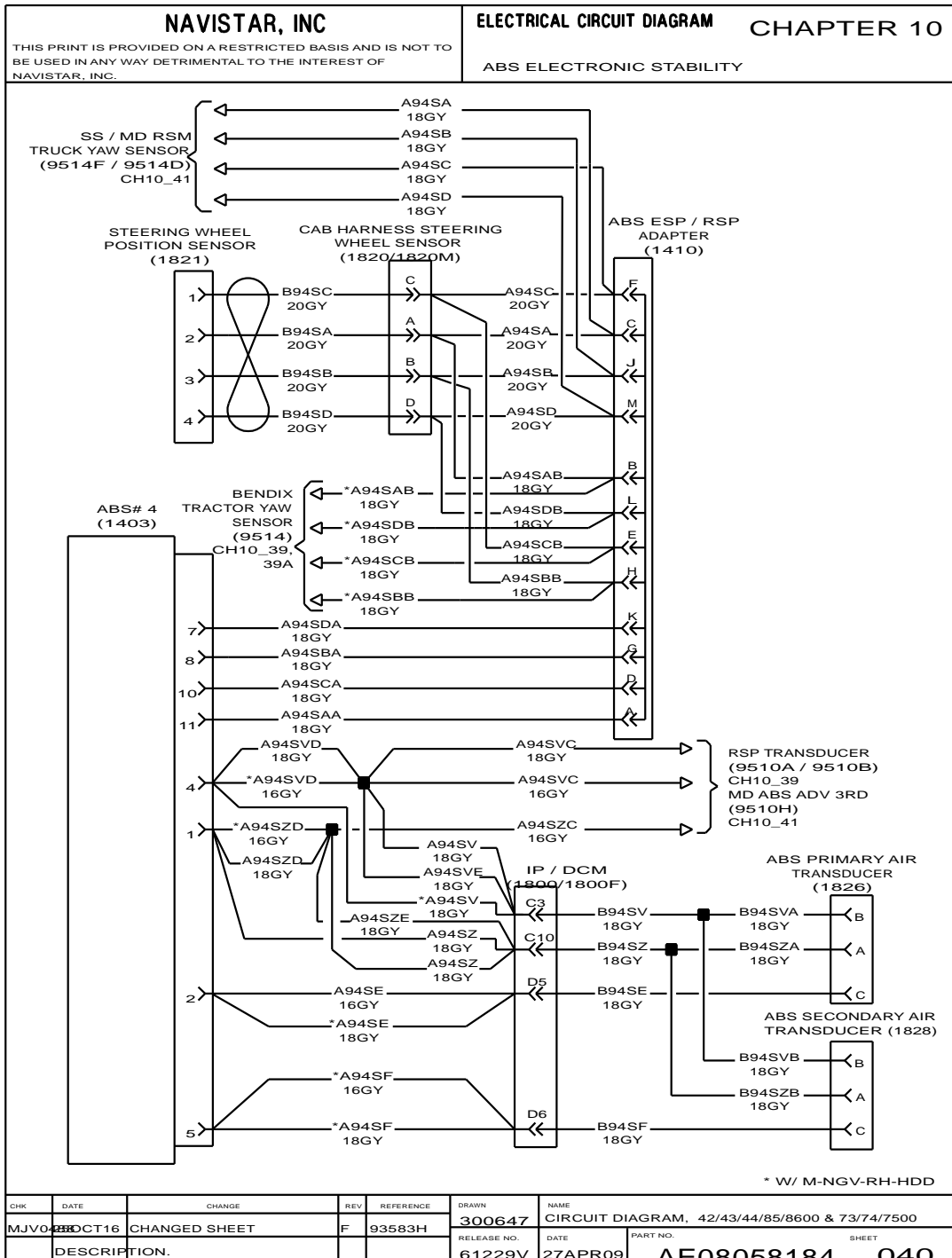


Figure 482 ABS Electronic Stability

10.73. ABS – BENDIX AIR, P. 41

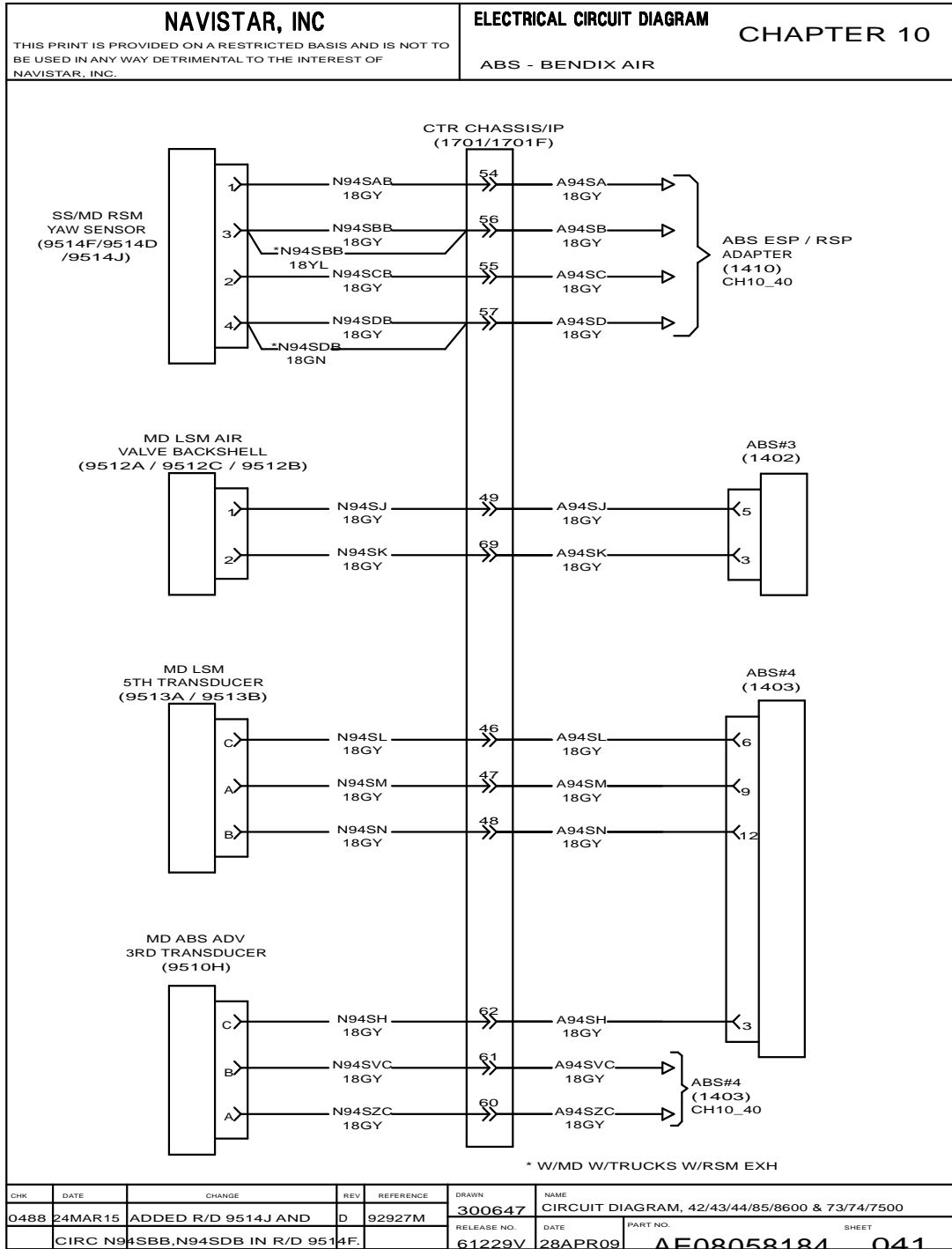


Figure 483 ABS – Bendix Air

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

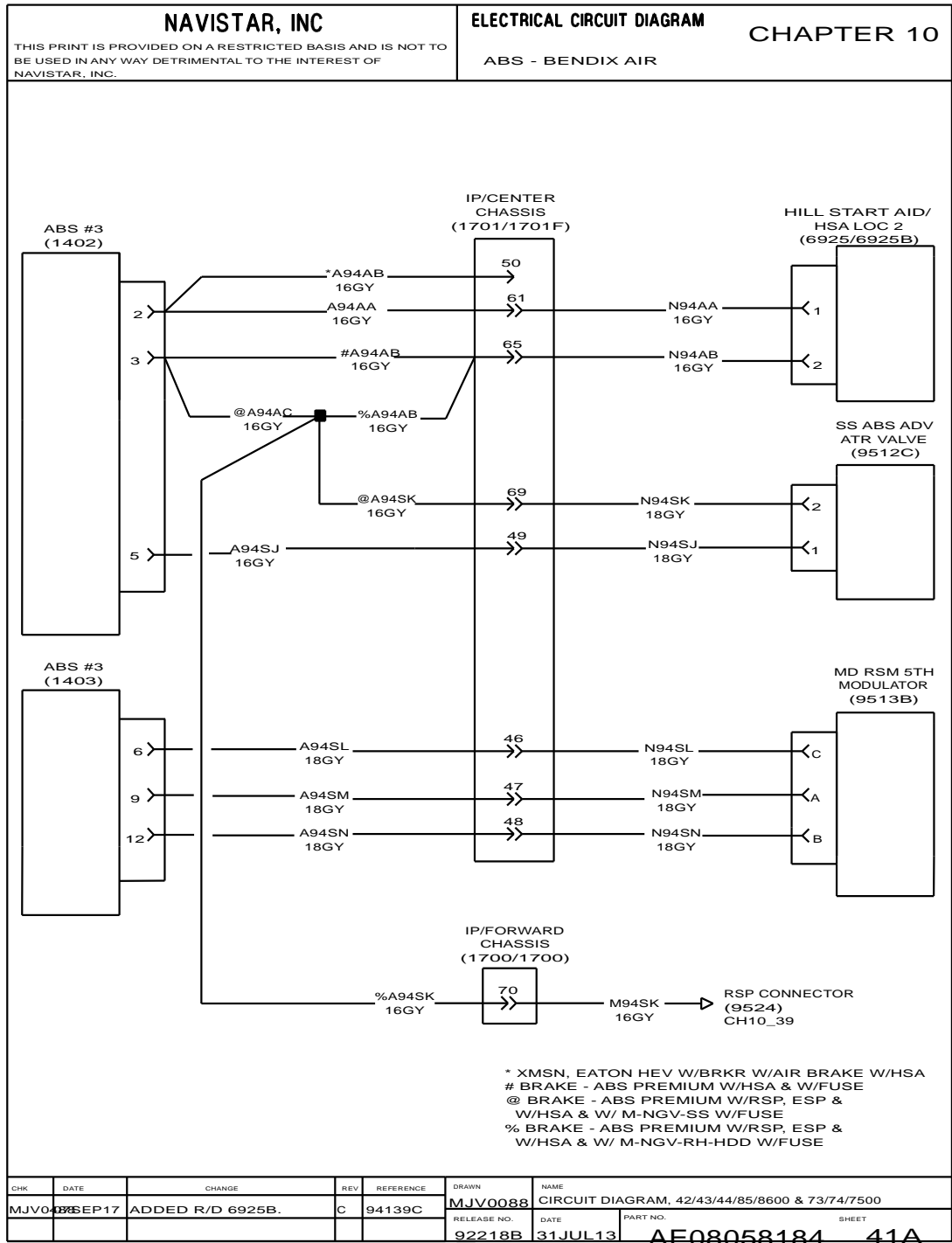


Figure 484 ABS – Bendix Air (Cont.)

10.75. TRANSFER CASE EFFECTS, P. 42

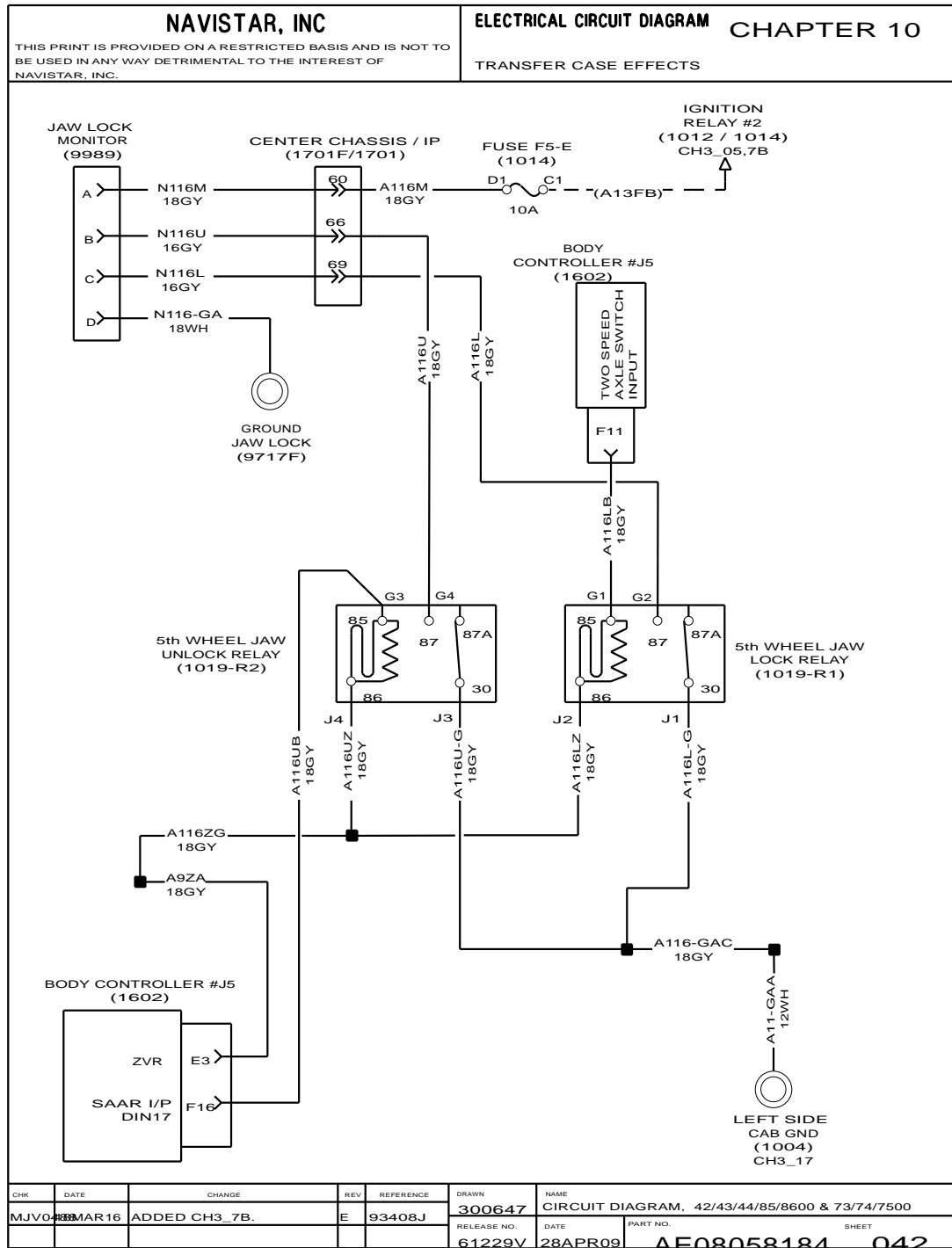


Figure 485 Transfer Case Effects

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

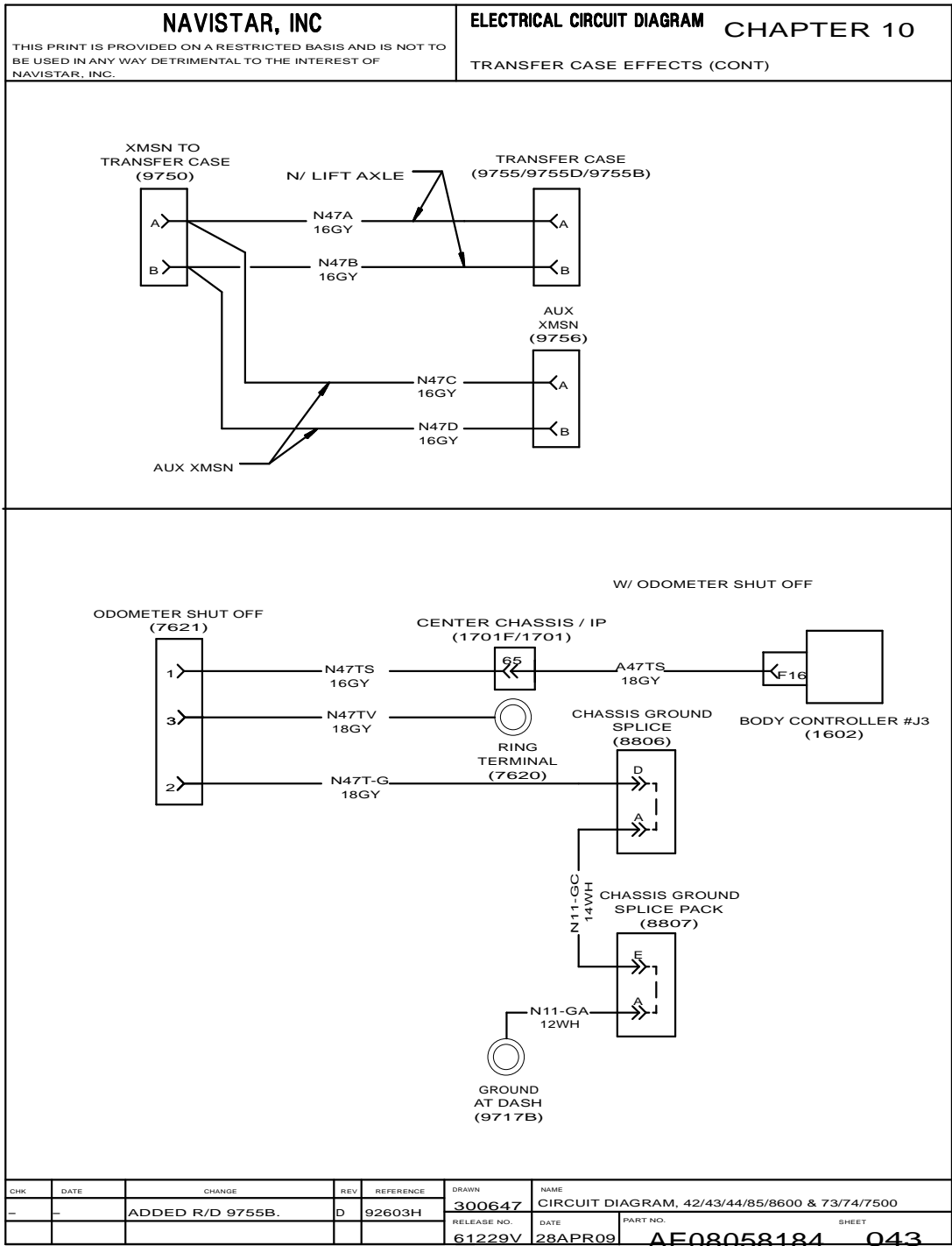


Figure 486 Transfer Case Effects (Cont.)



10.77. REMOTE START / STOP, P. 44

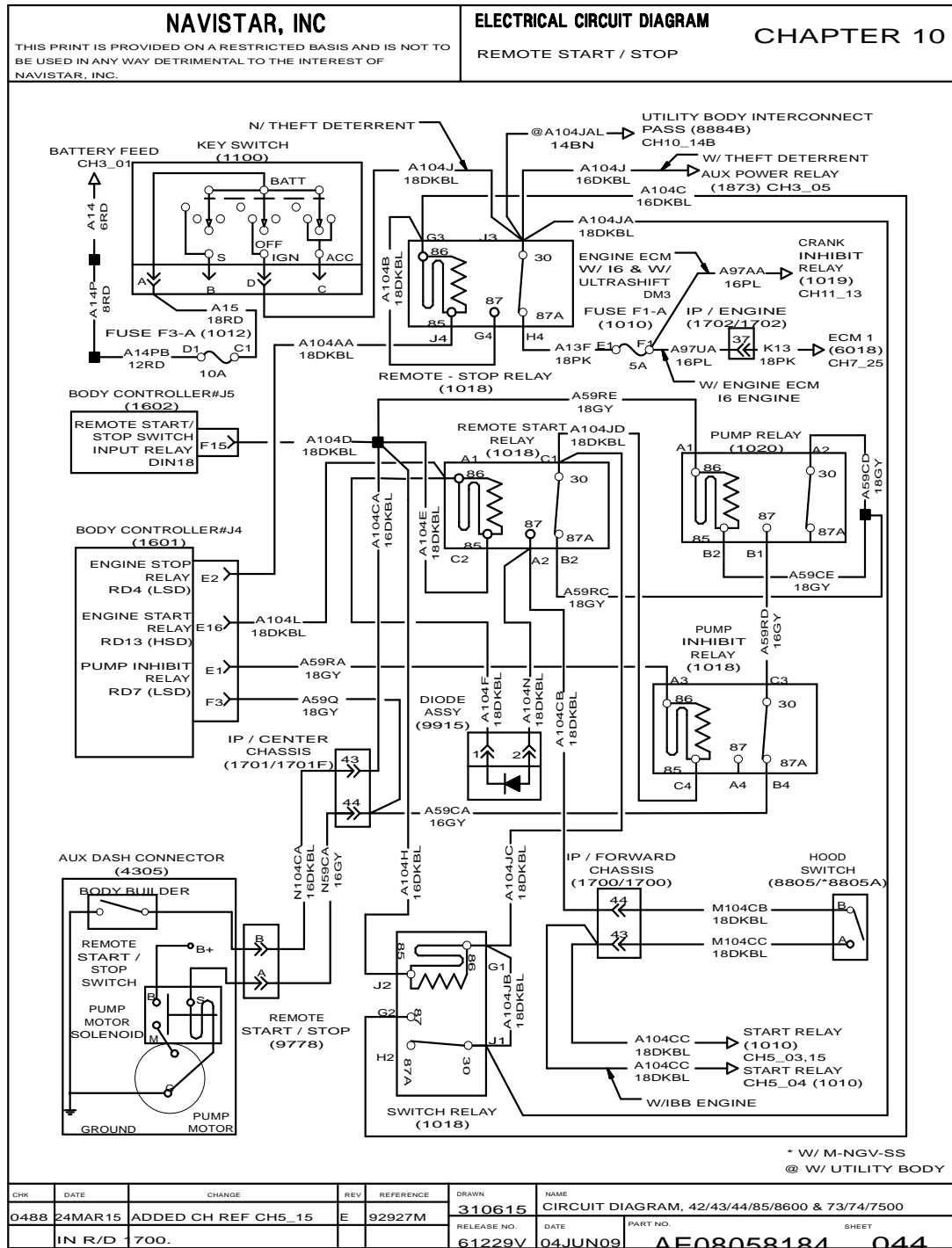


Figure 487 Remote Start / Stop

10.78. AUXILIARY AND POWER SOURCE, P. 45

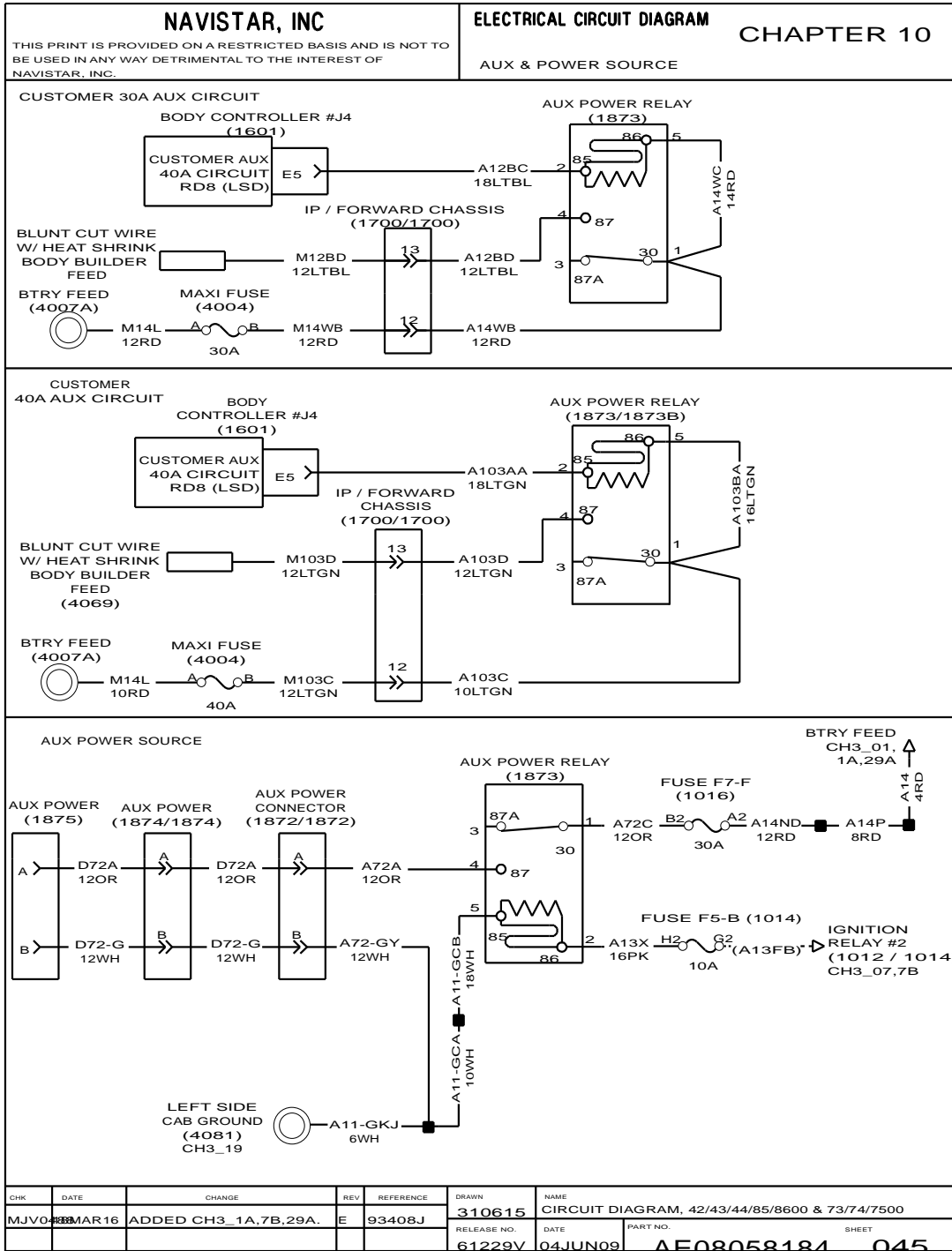


Figure 488 Auxiliary and Power Source

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

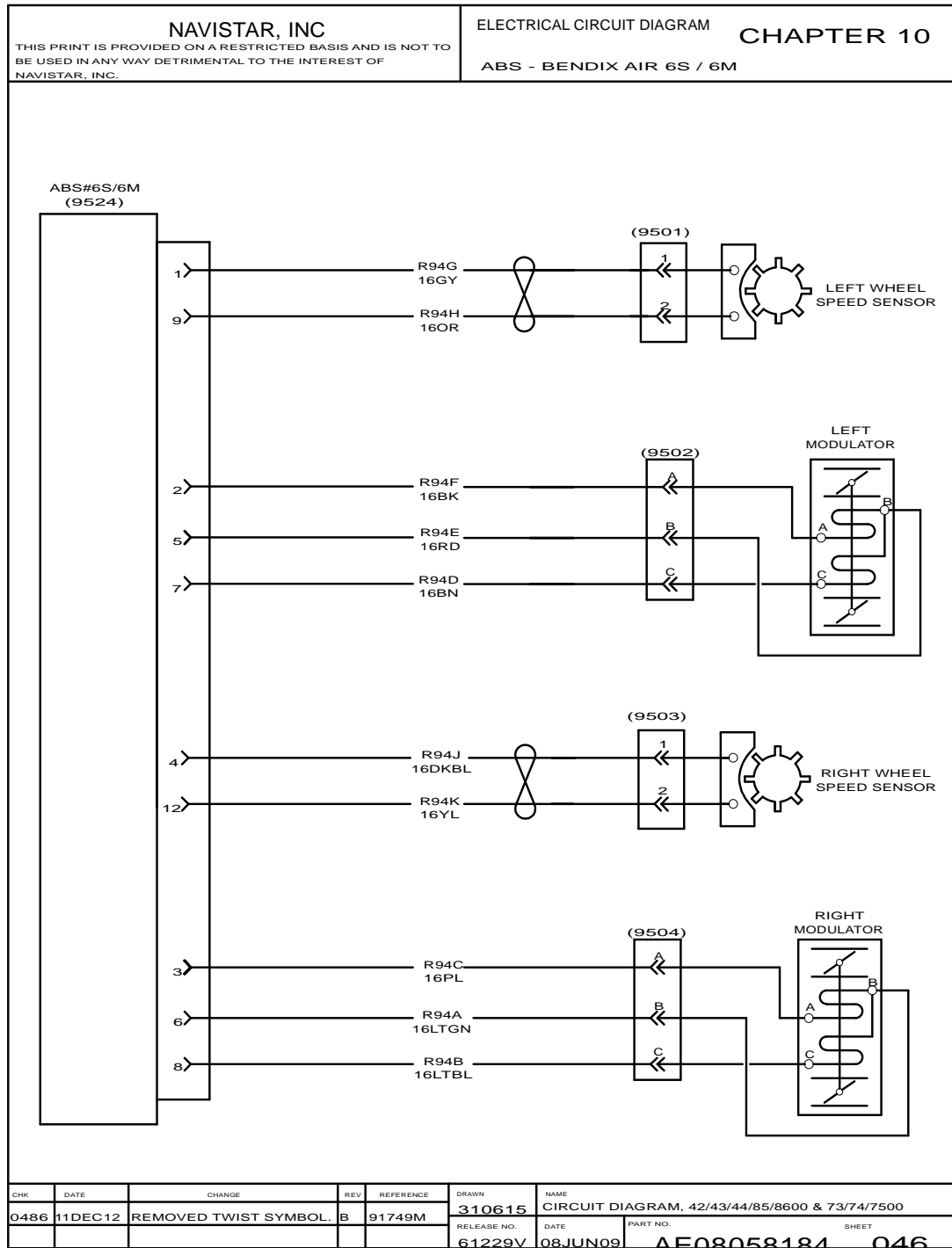


Figure 489 ABS – Bendix Air 6S / 6M

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

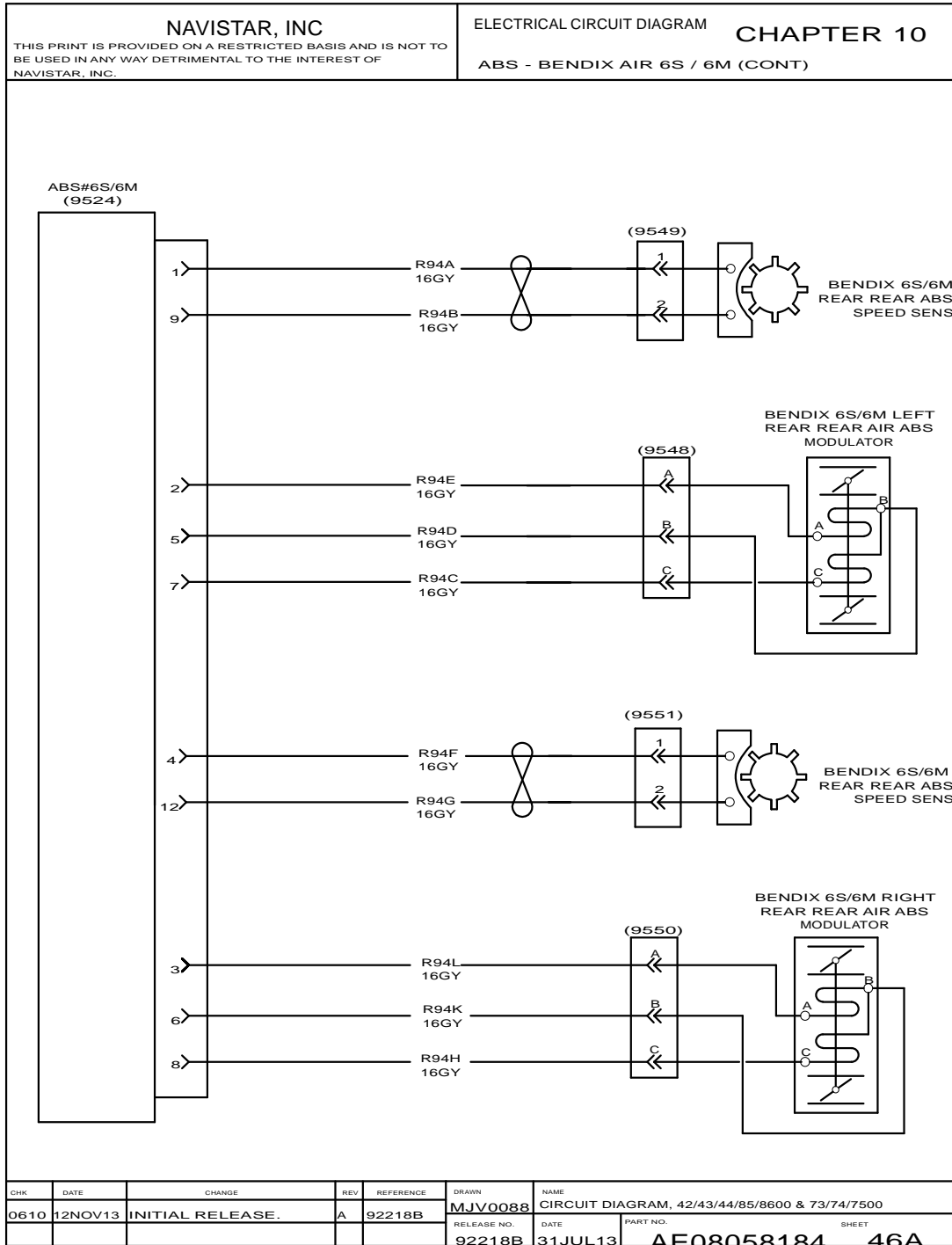


Figure 490 ABS – Bendix Air 6S / 6M (Cont.)

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

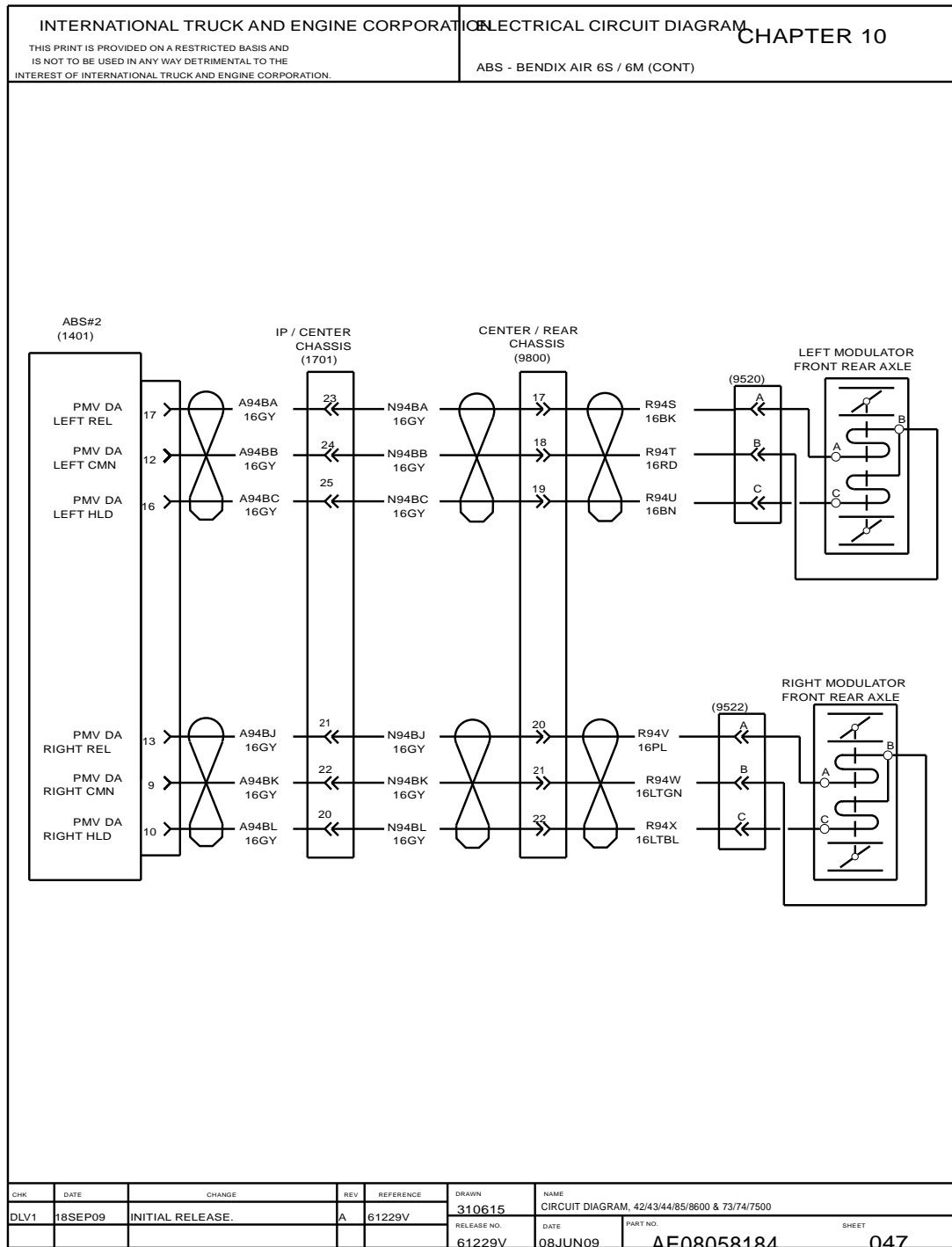


Figure 491 ABS – Bendix Air 6S / 6M (Cont.)

10.82. AC CONDENSER EFFECTS, P. 48

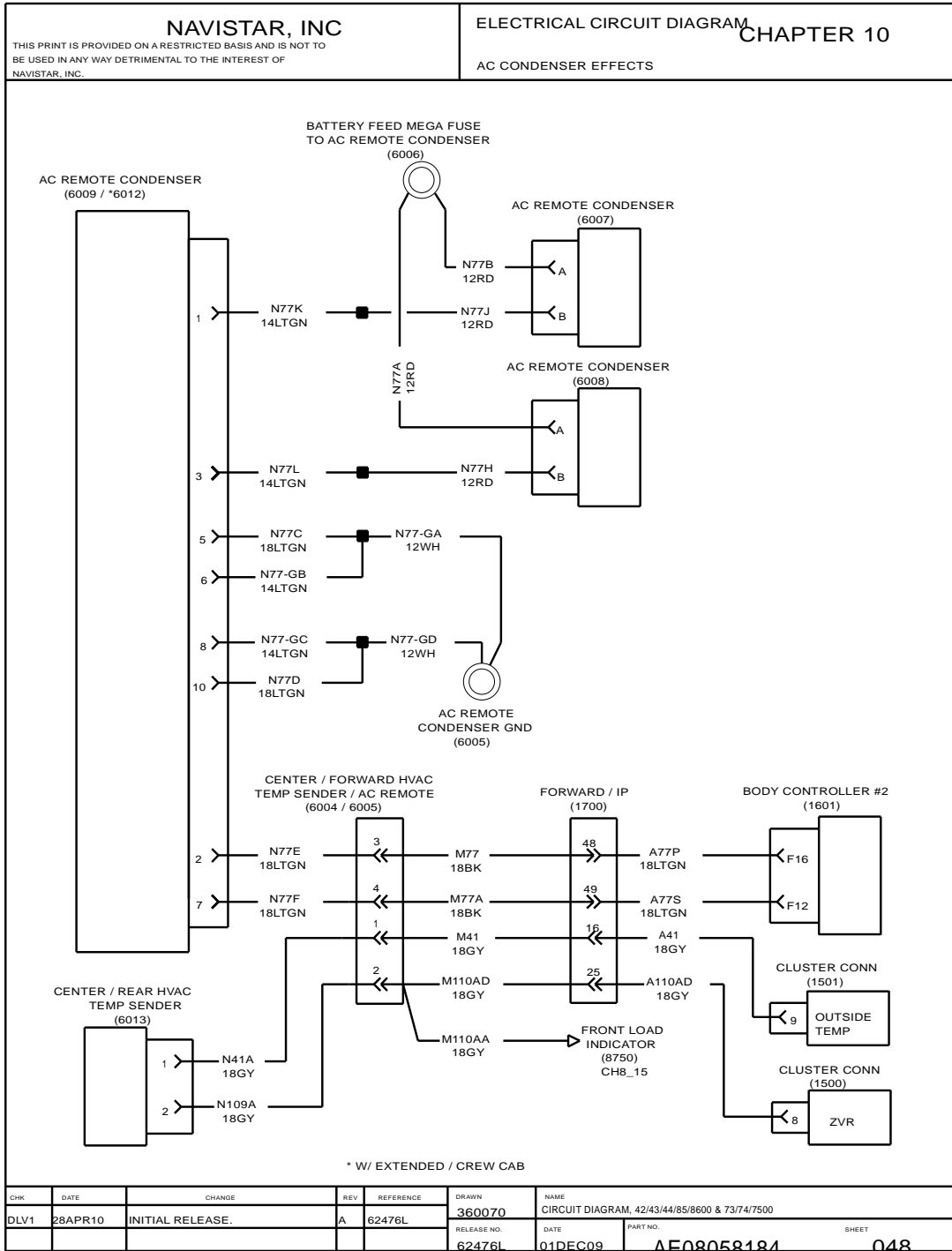


Figure 492 AC Condenser Effects

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

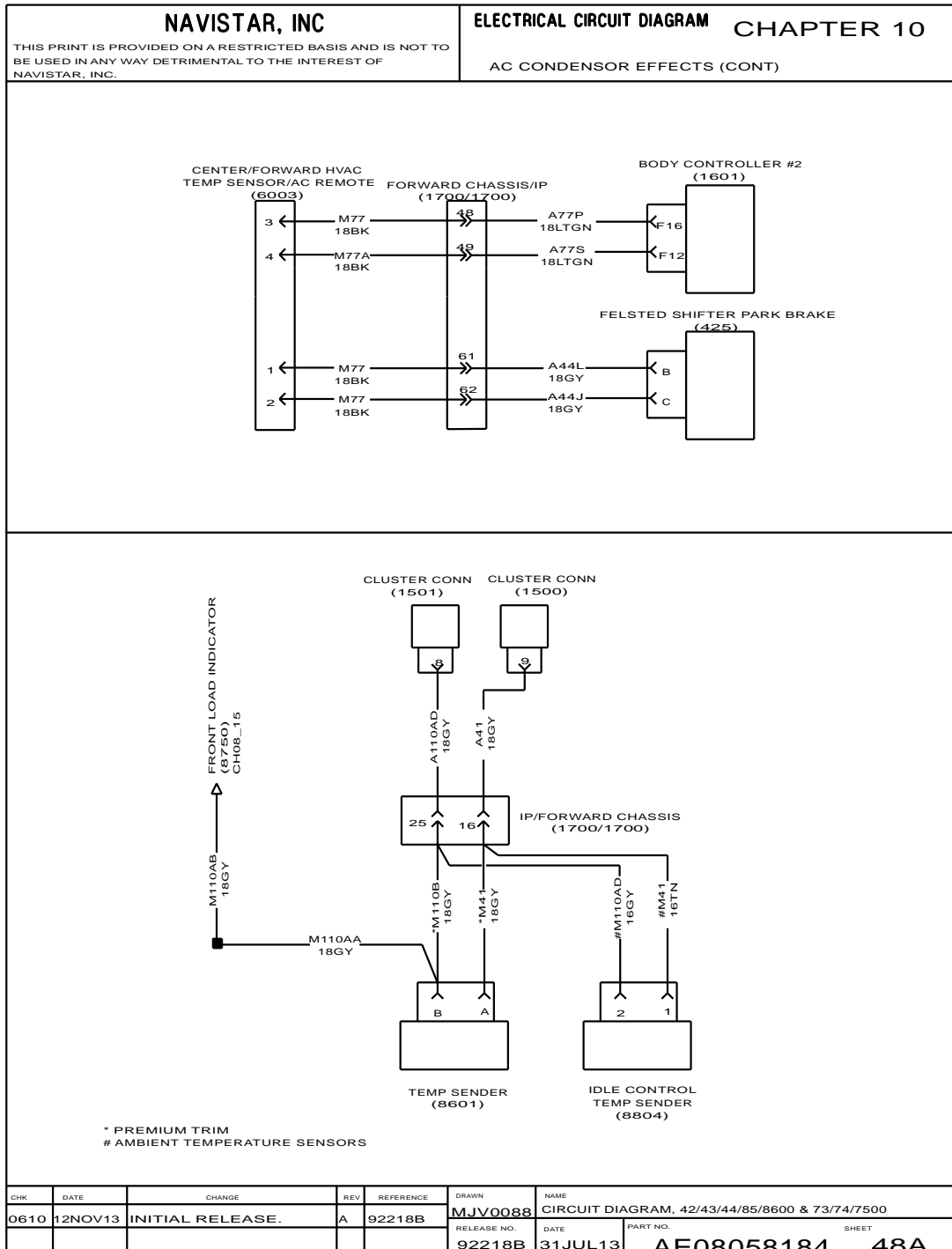


Figure 493 AC Condenser Effects (Cont.)

10.84. PRESSURE SWITCH, P. 49

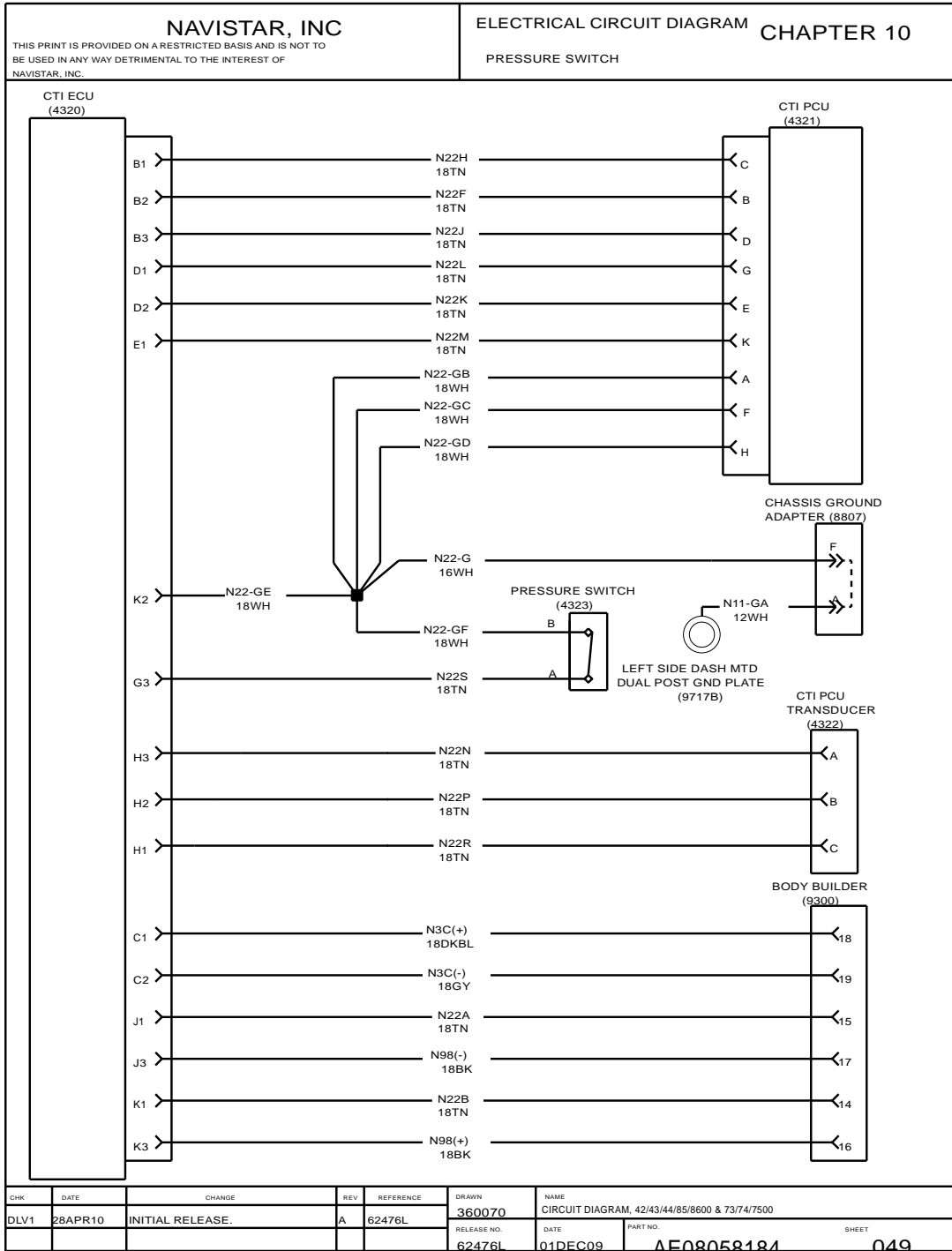


Figure 494 Pressure Switch



10.85. TSS POWER, P. 50

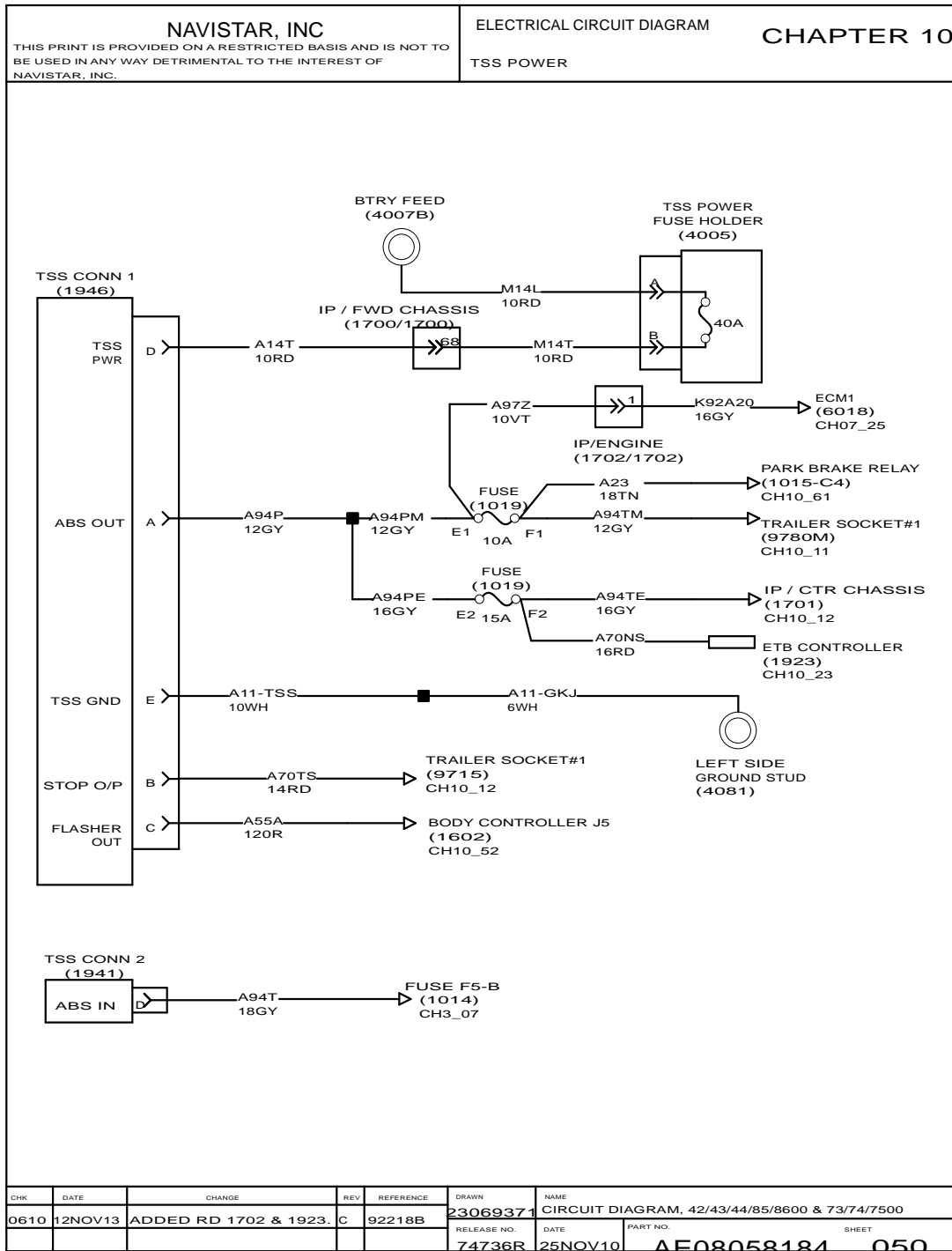


Figure 495 TSS Power

10.86. TSS SWITCH INPUT, P. 51

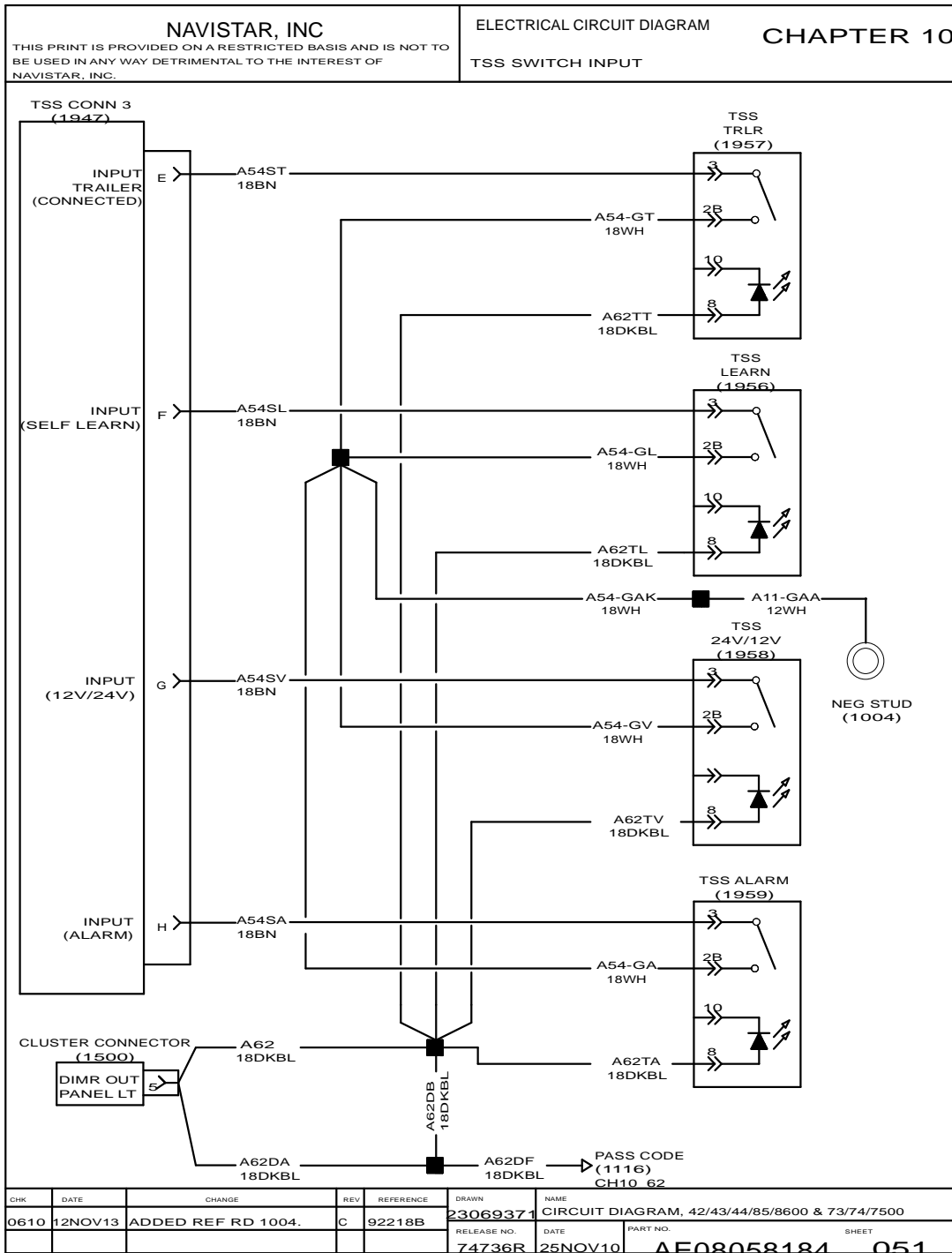


Figure 496 TSS Switch Input

10.87. TSS TURN LIGHT, P. 52

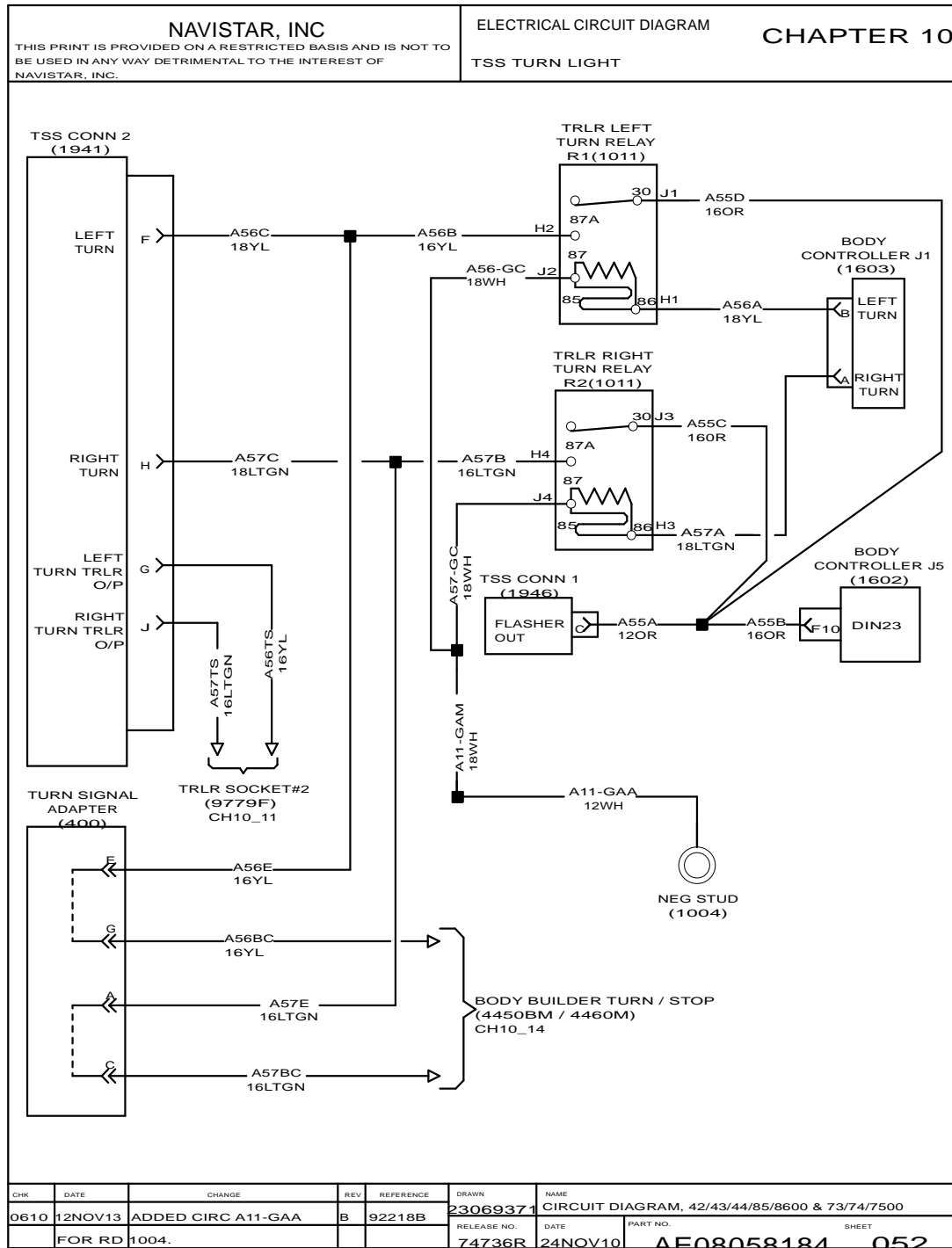


Figure 497 TSS Turn Light

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

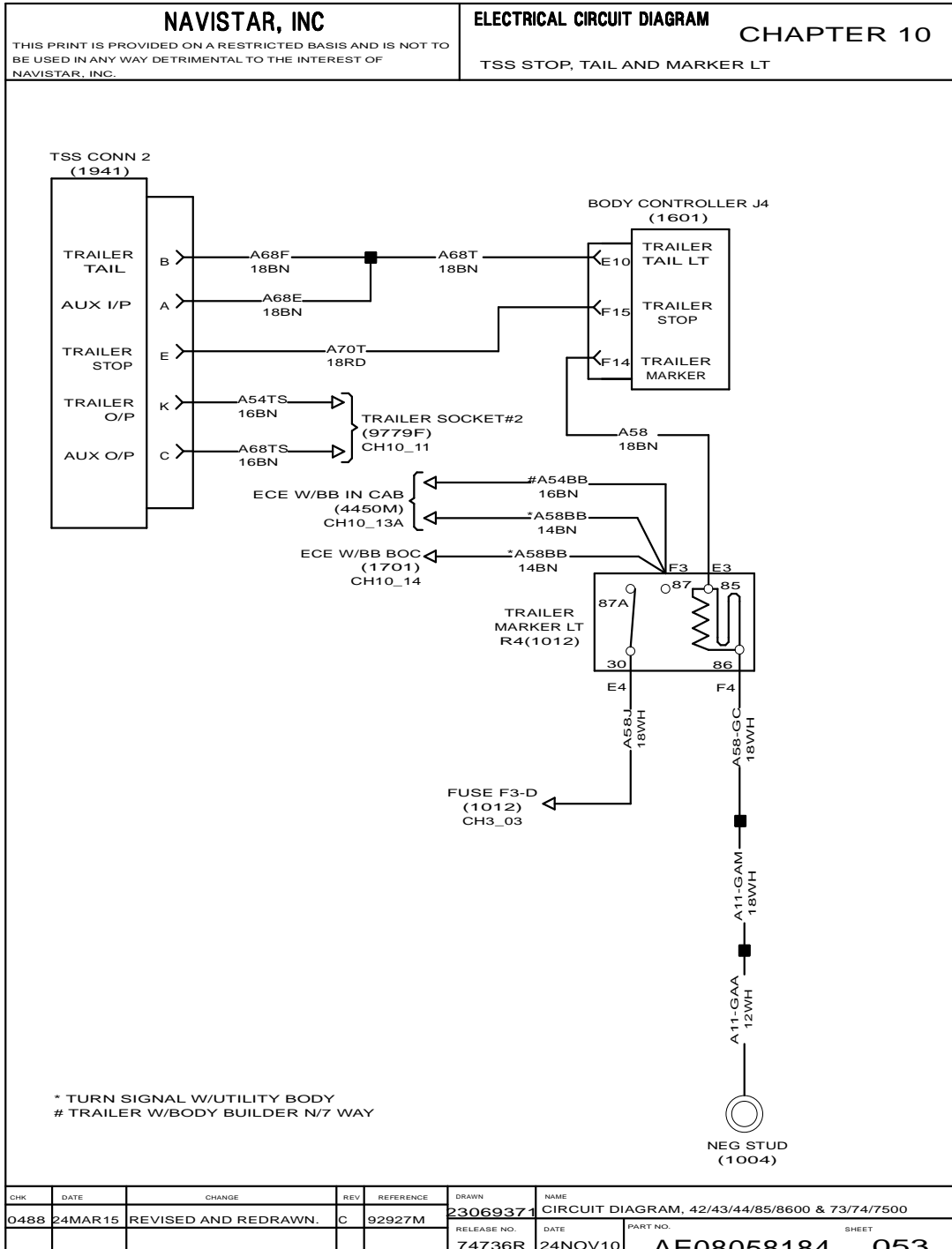


Figure 498 TSS Stop, Tail and Marker Light

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

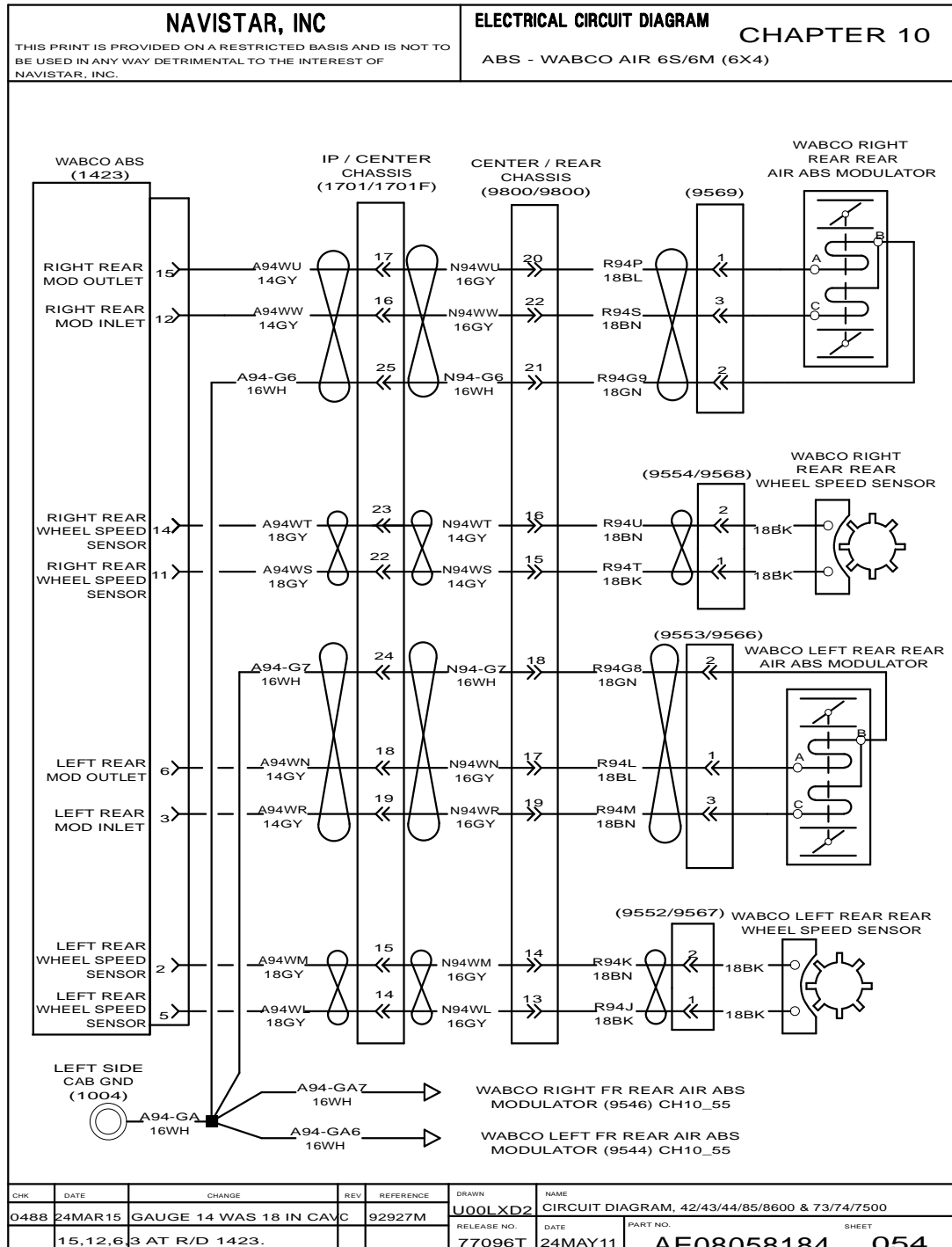


Figure 499 ABS – WABCO Air 6S / 6M (6X4)

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

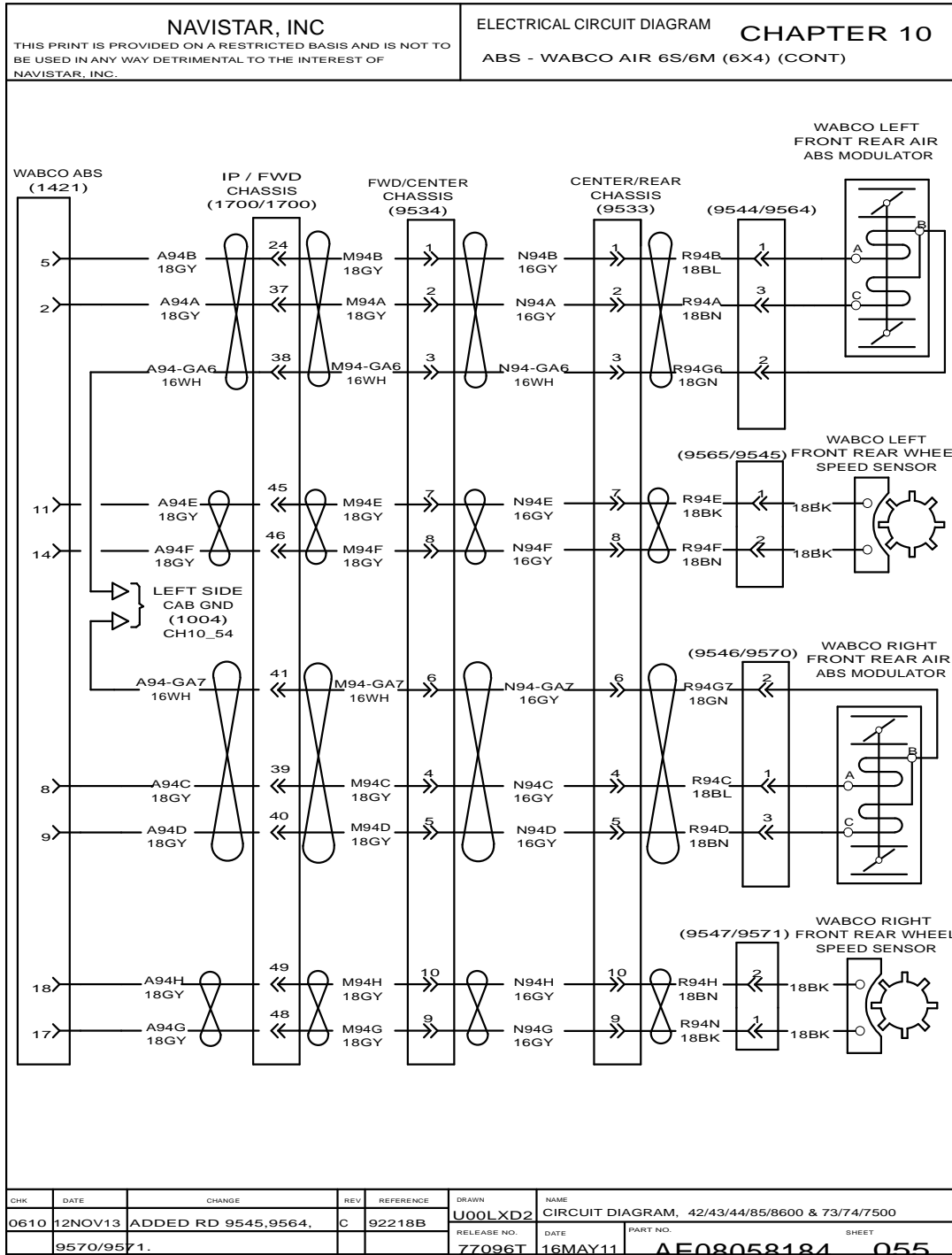


Figure 500 ABS – WABCO Air 6S/6M (6X4) (Cont.)

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

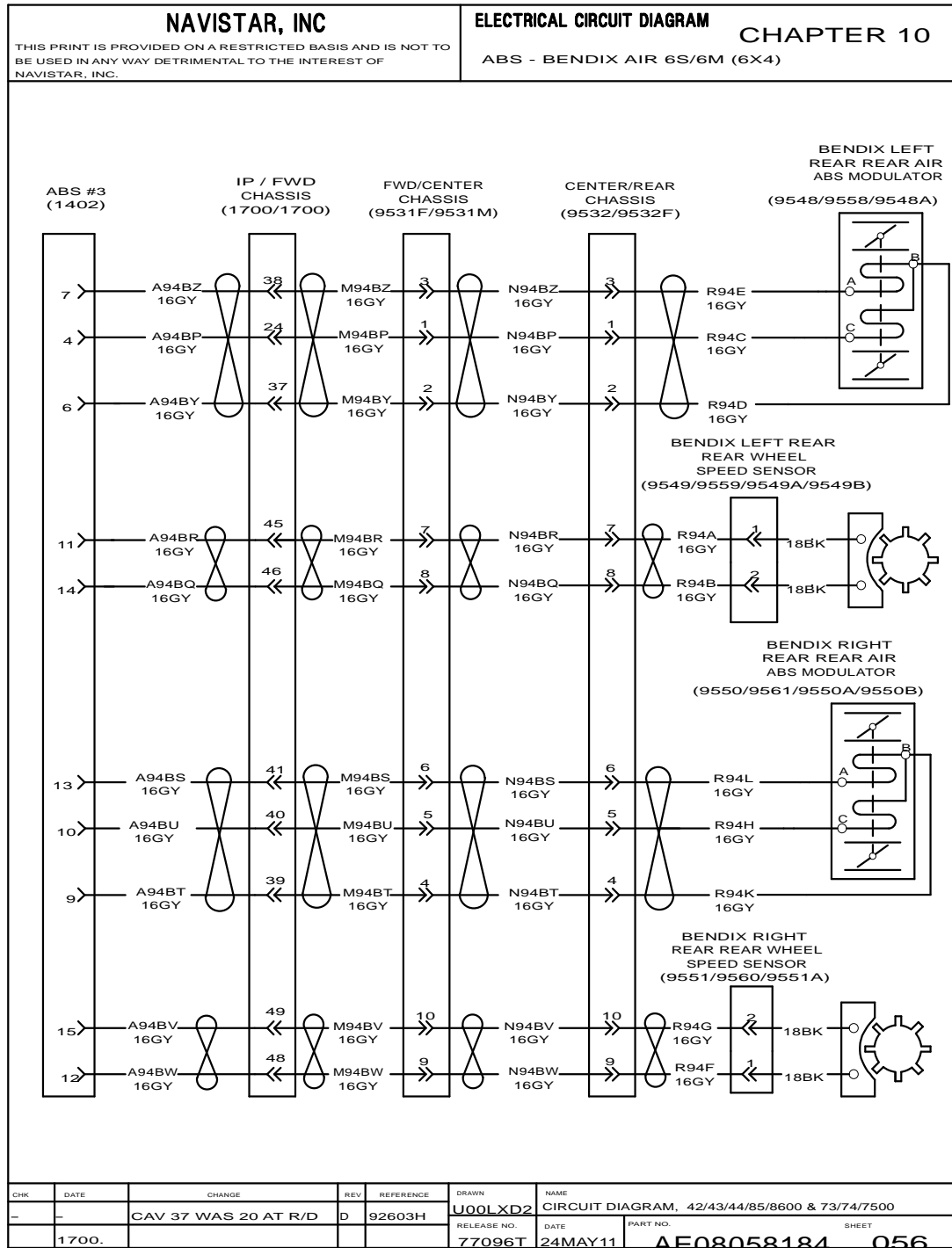


Figure 501 ABS – Bendix Air 6S / 6M (6X4)

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

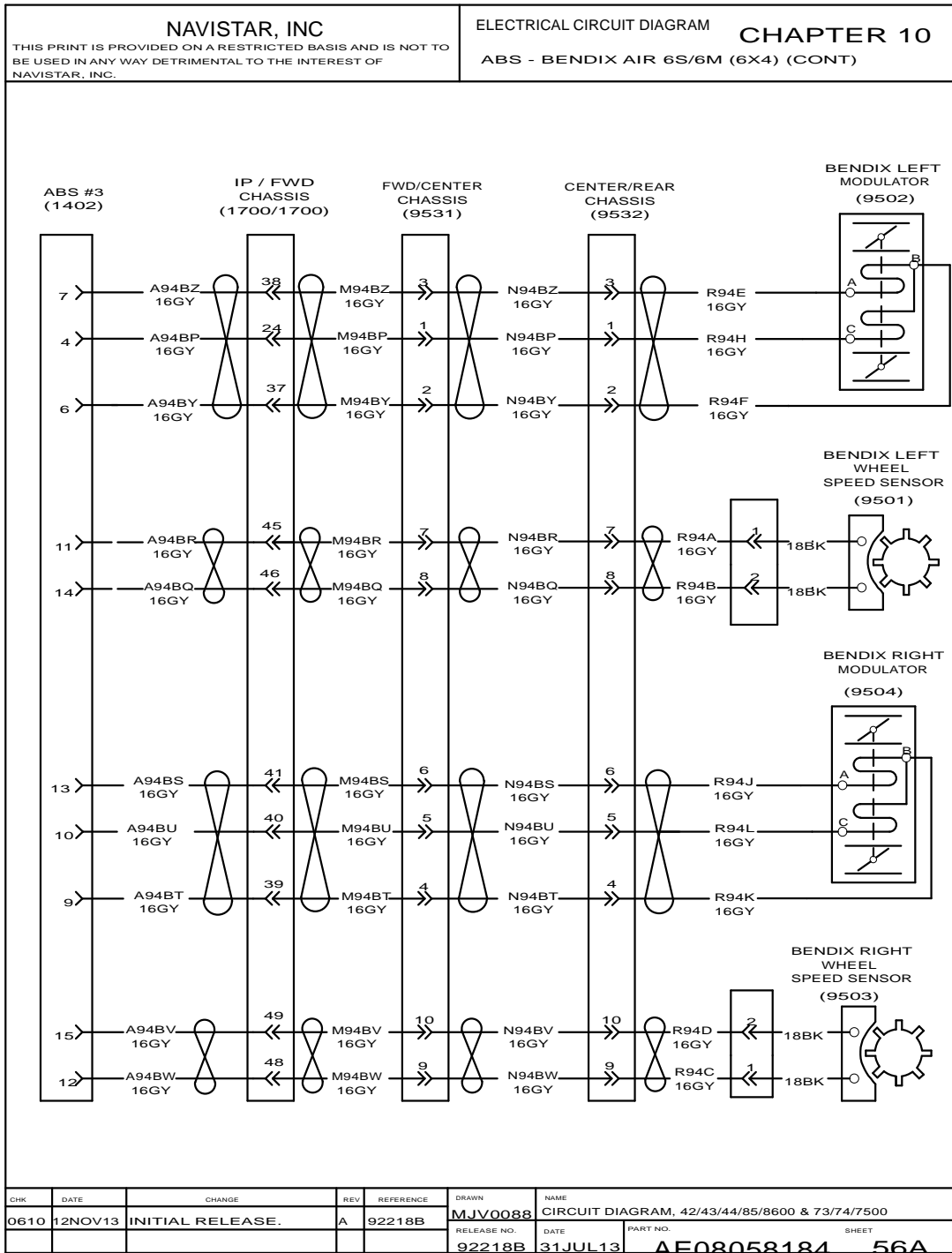


Figure 502 ABS – Bendix Air 6S / 6M (6X4) (Cont.)



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

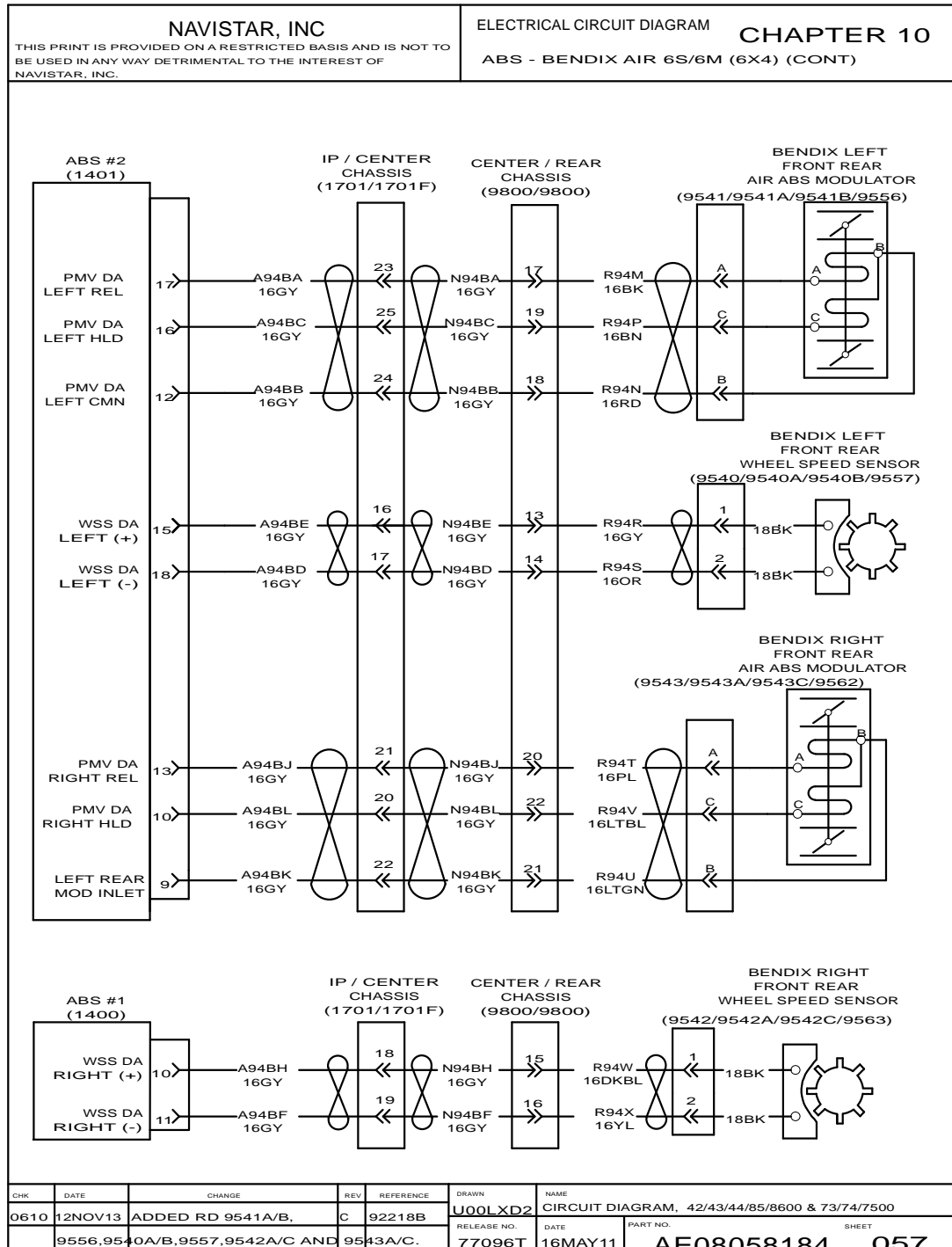


Figure 503 ABS – Bendix Air 6S / 6M (6X4) (Cont.)

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

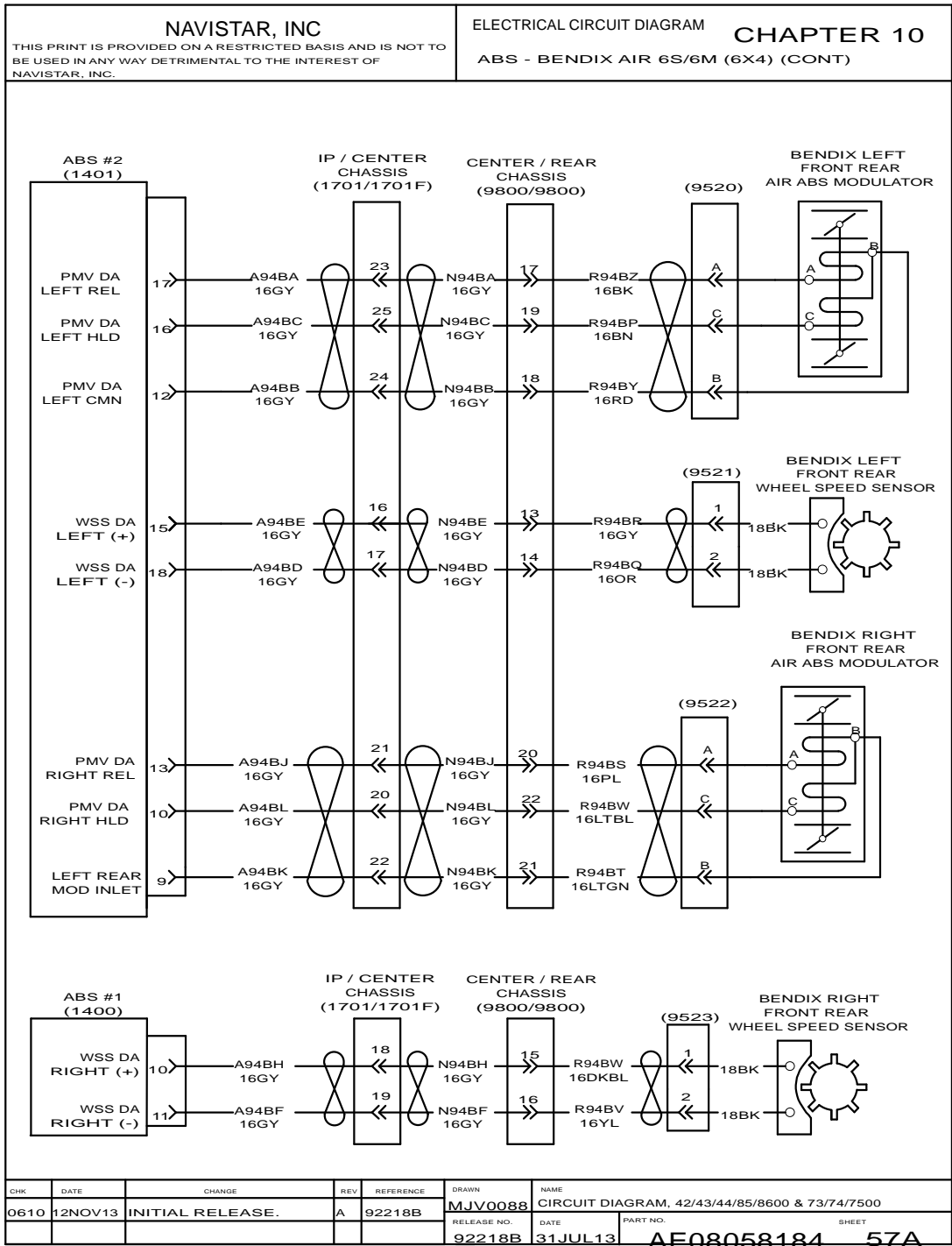


Figure 504 ABS – Bendix Air 6S / 6M (6X4) (Cont.)

10.95. SCR SYSTEM, P. 58

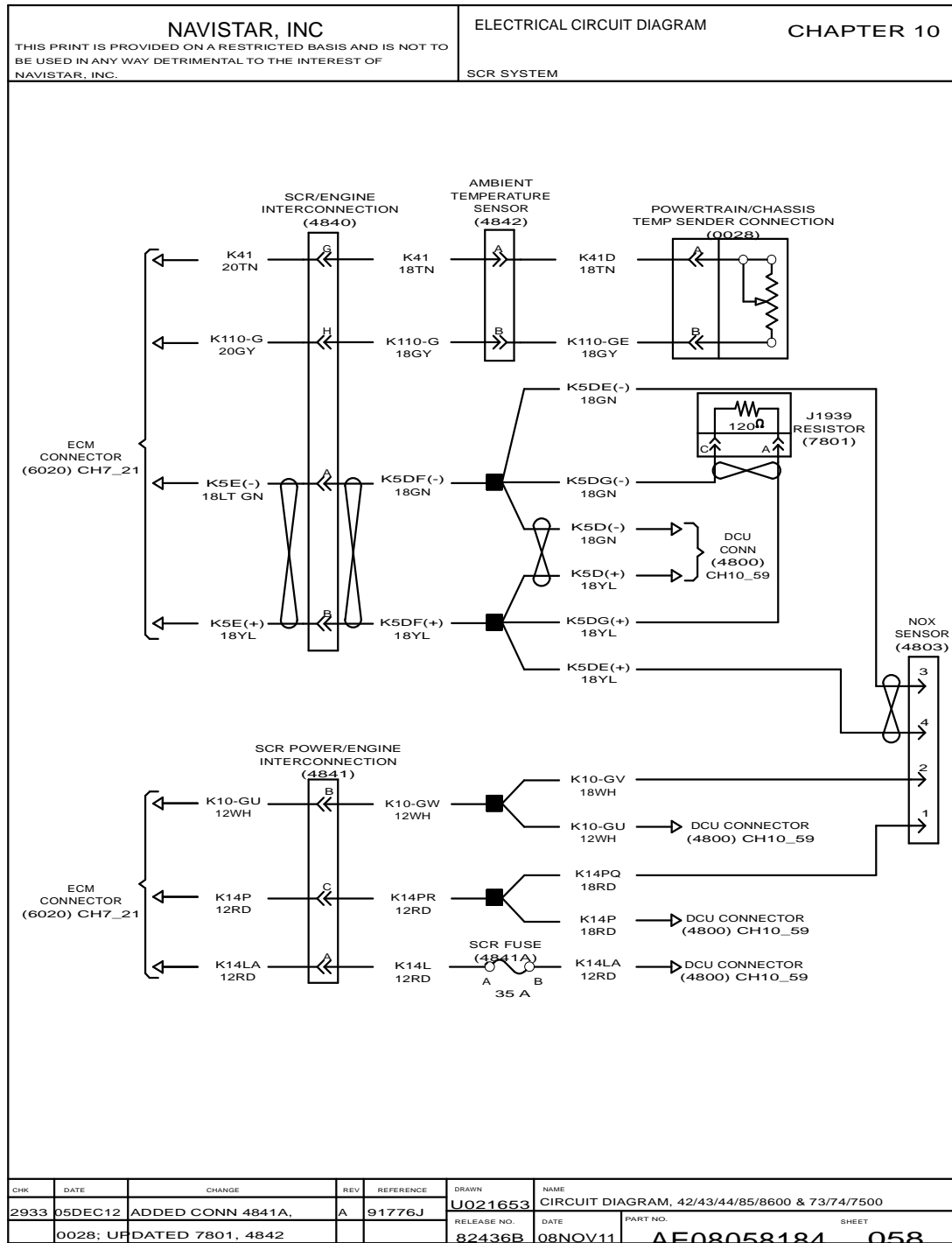


Figure 505 SCR System

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

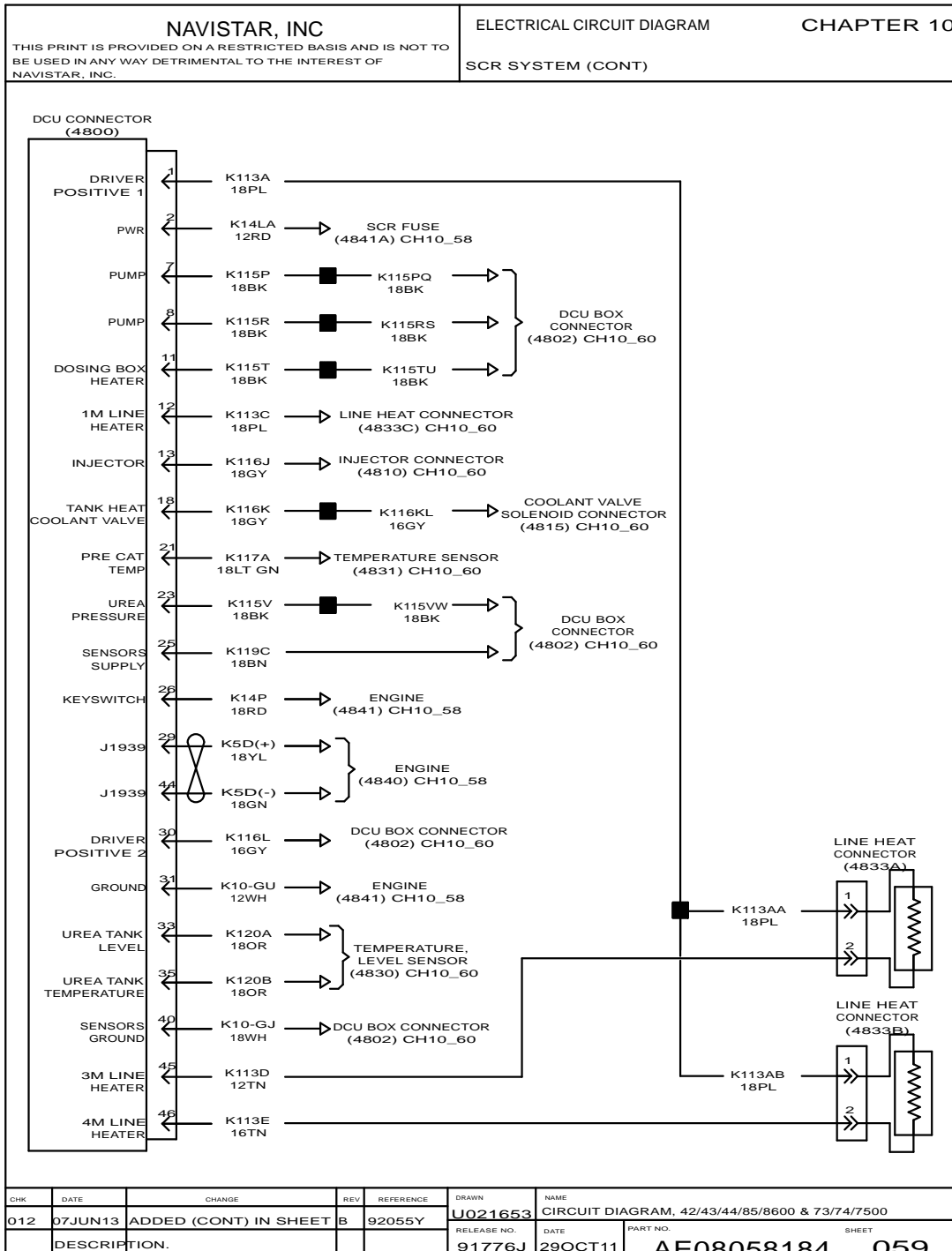


Figure 506 SCR System (Cont.)

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

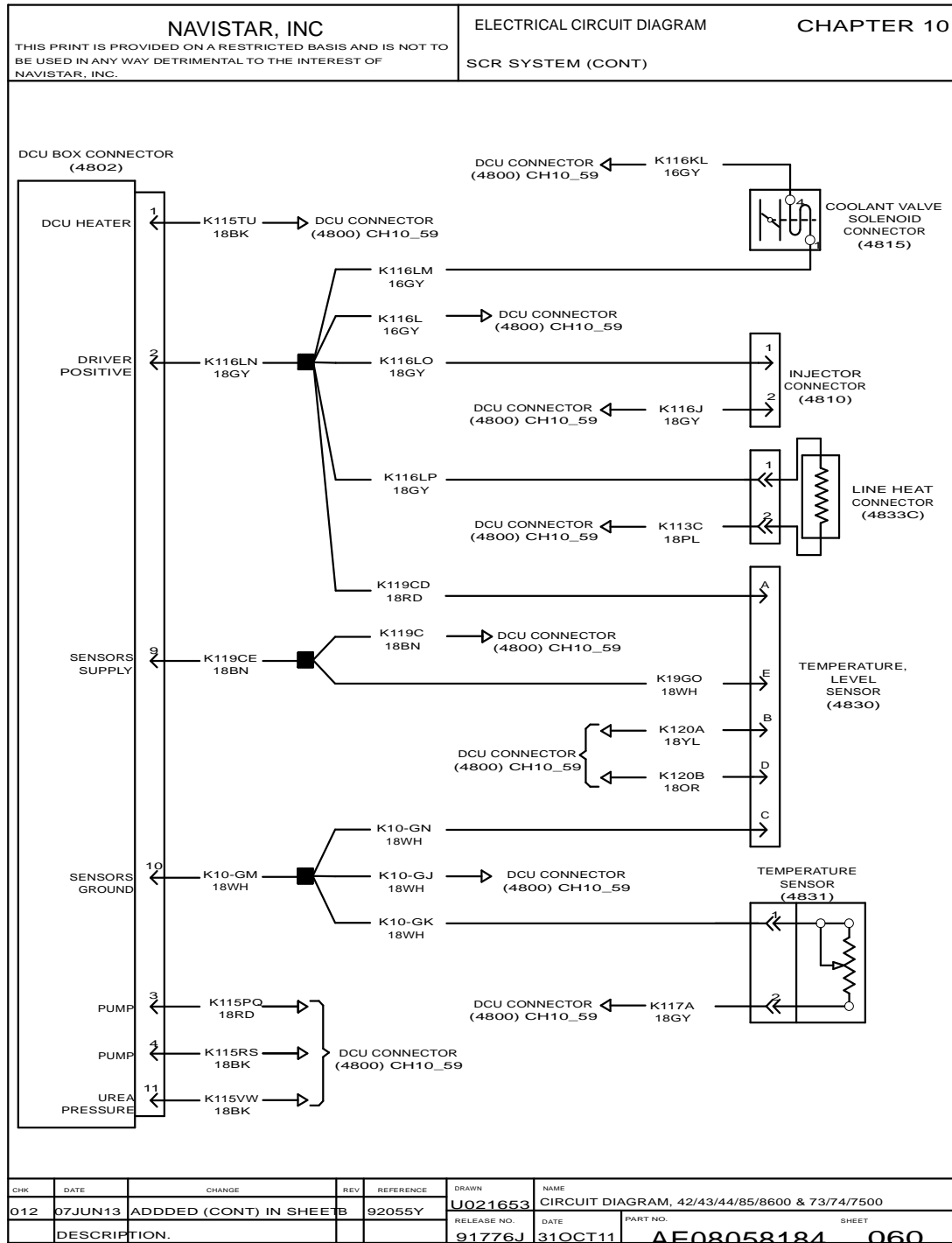


Figure 507 SCR System (Cont.)

10.98. LIFT AXLE – 6X2, P. 61

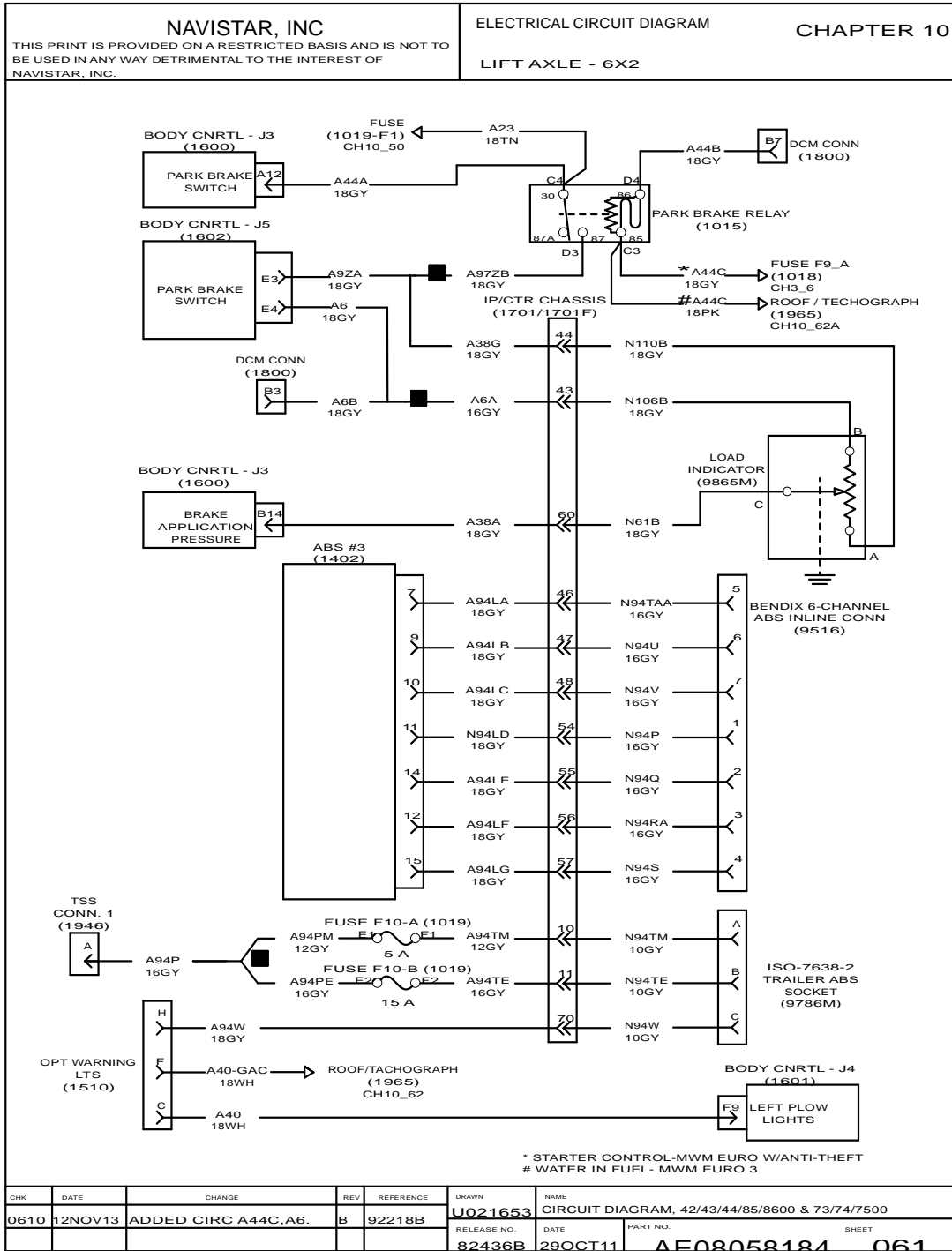


Figure 508 Lift Axle – 6X2

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

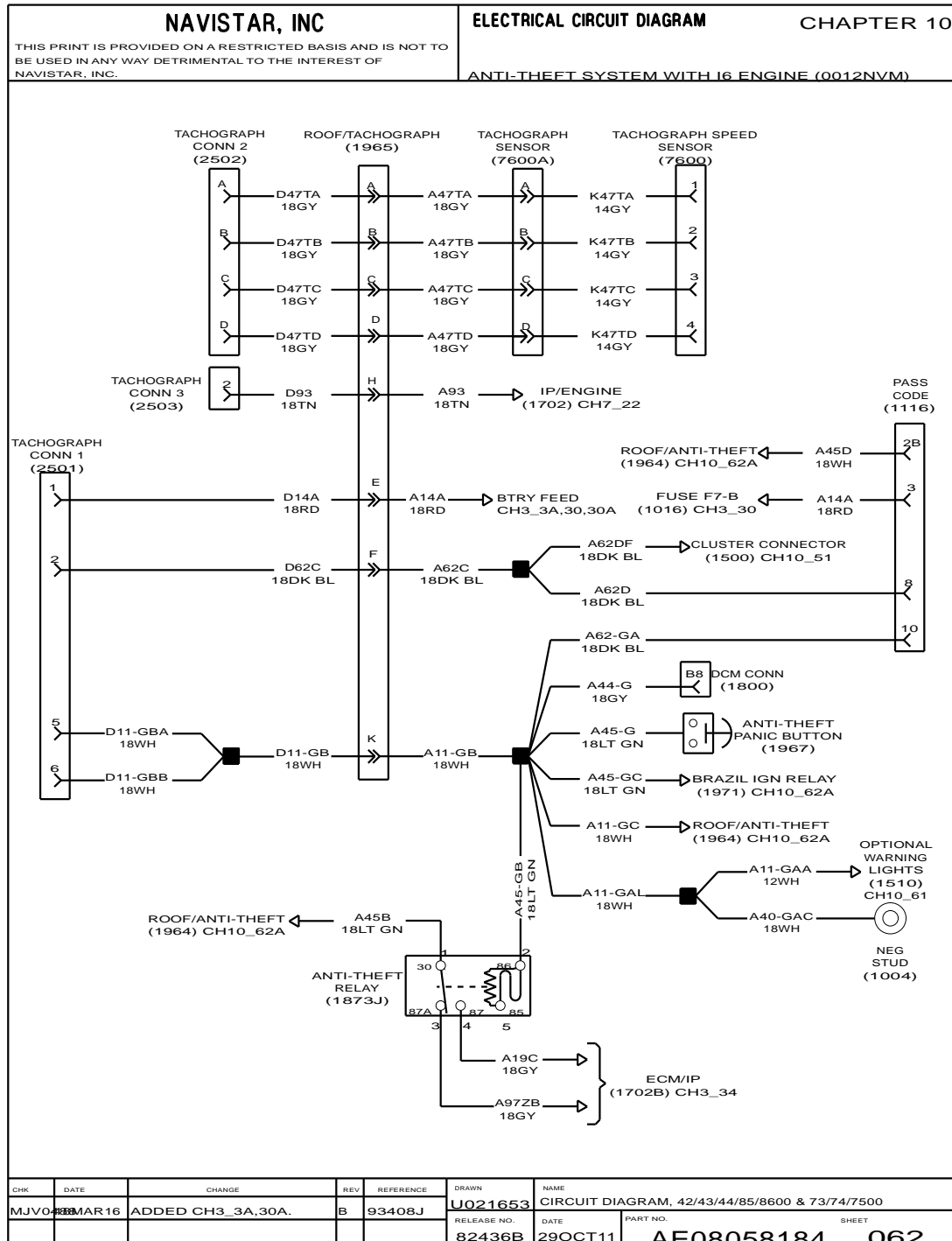


Figure 509 Anti-Theft System with I6 Engine (0012NVM)

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

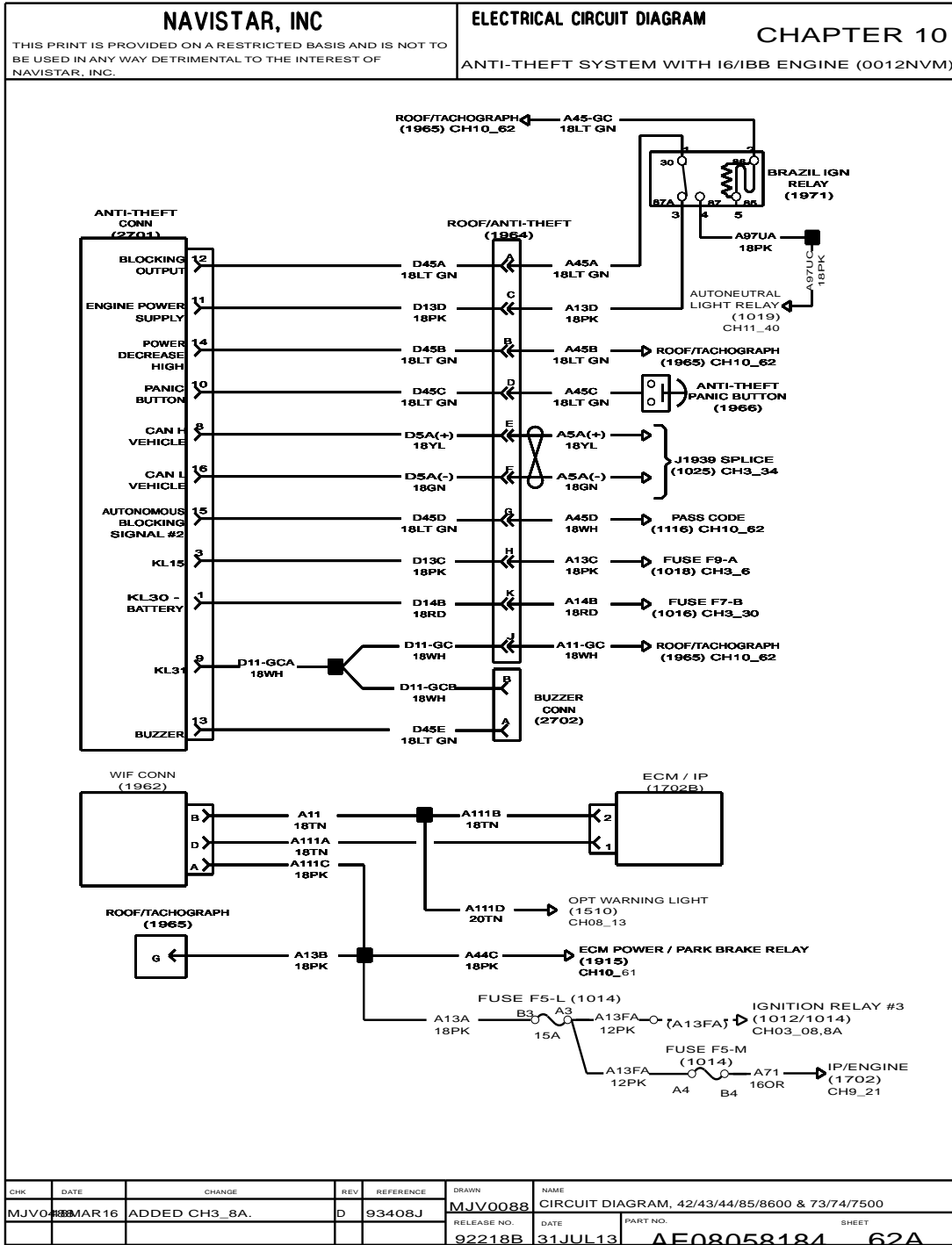


Figure 510 Anti-Theft System with I6 Engine (0012NVM)



10.101. DIAGNOSTIC FLASHER MODULE, P. 63

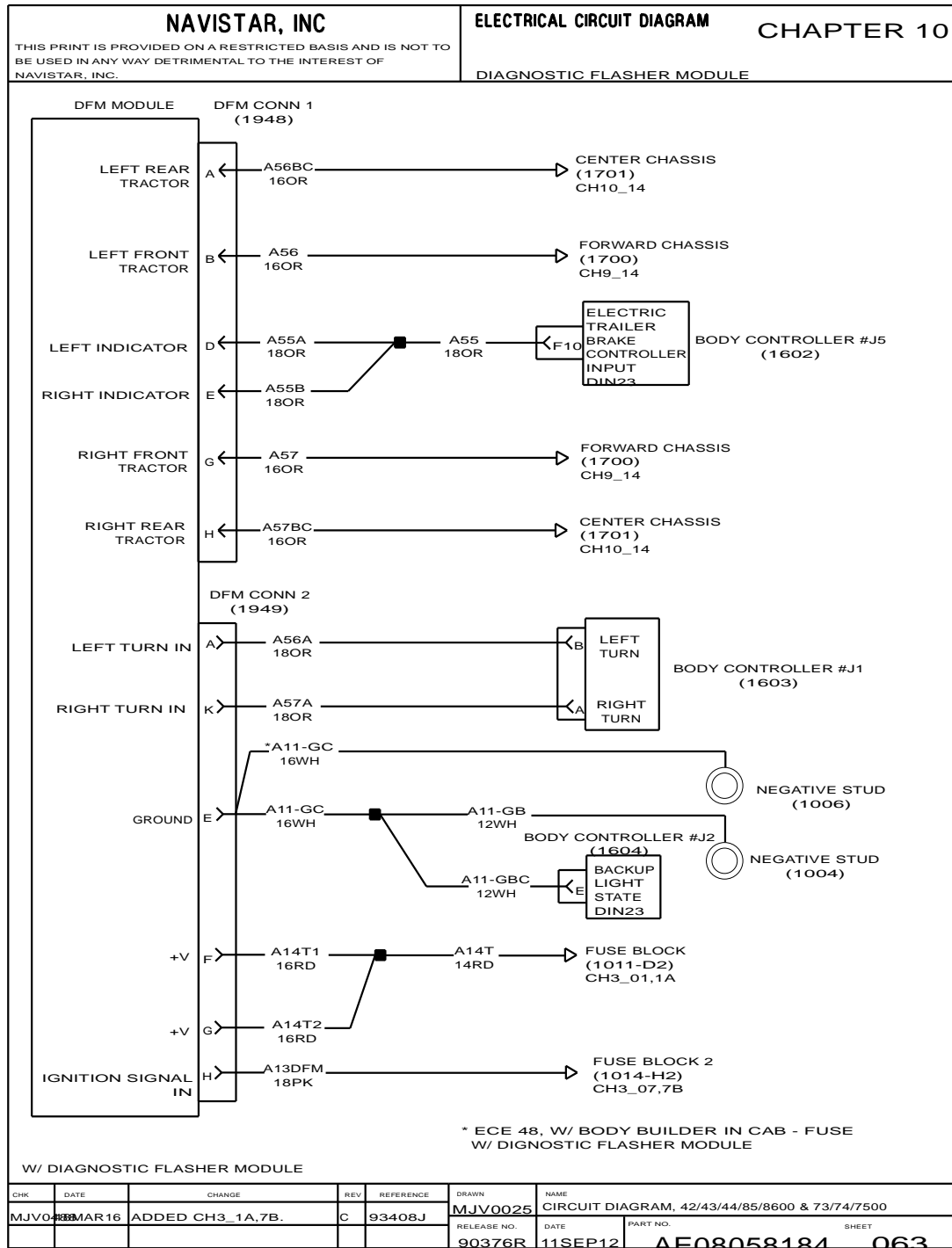


Figure 511 Diagnostic Flasher Module

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

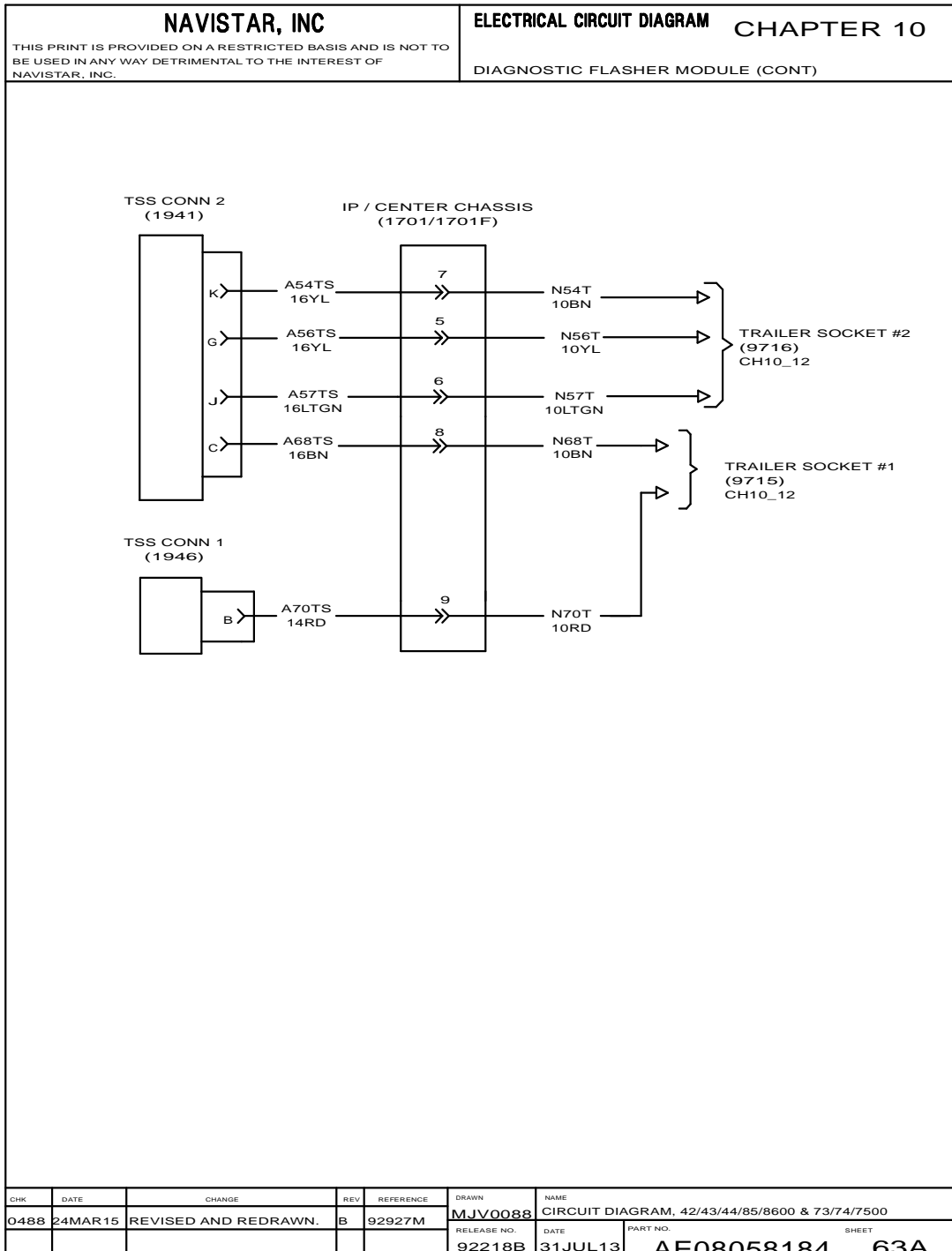


Figure 512 Diagnostic Flasher Module (Cont.)

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

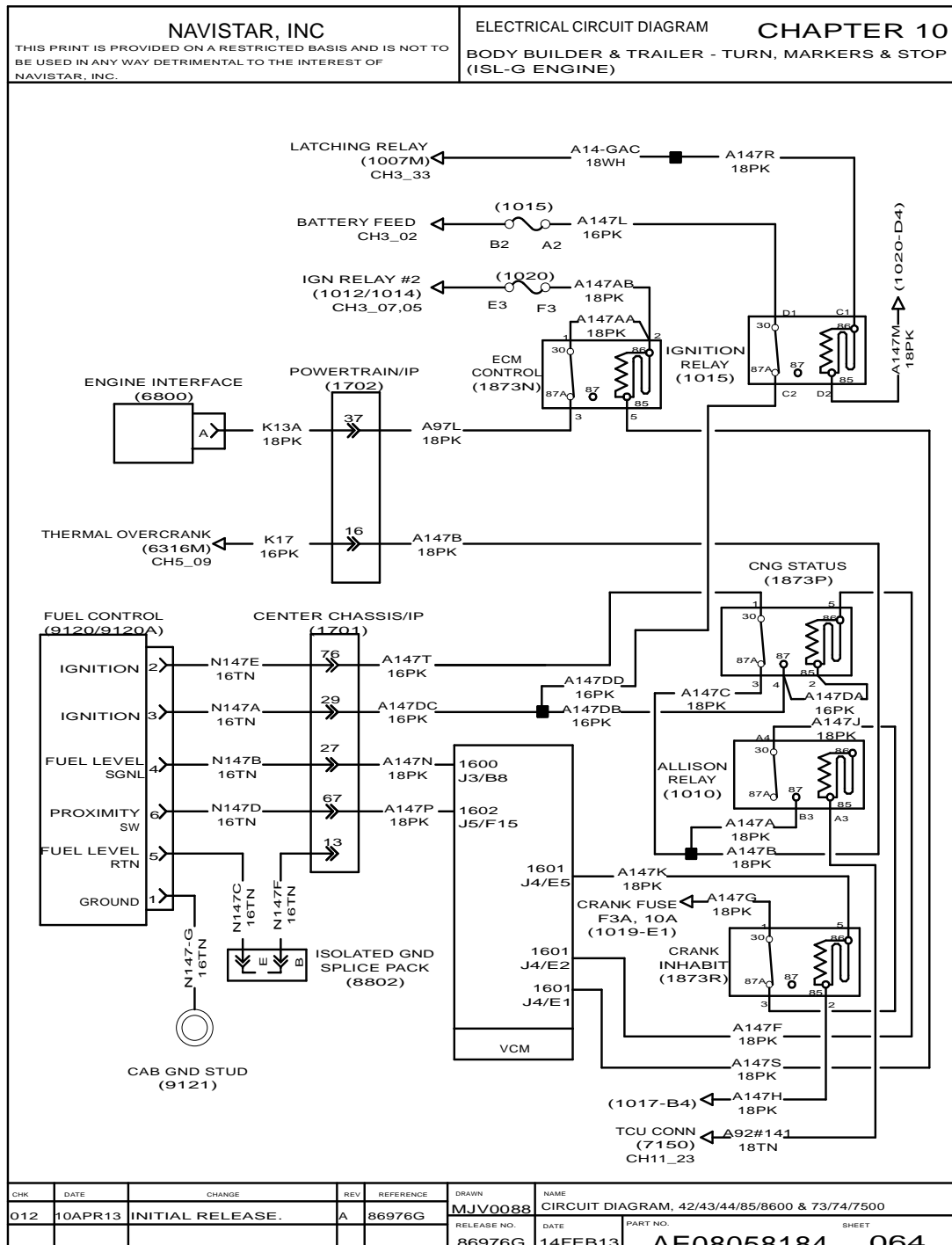


Figure 513 Body Builder and Trailer – Turn, Markers and Stop (ISL-G Engine)

10.104. ULTRASHIFT BODYBUILDER WIRING, P. 65

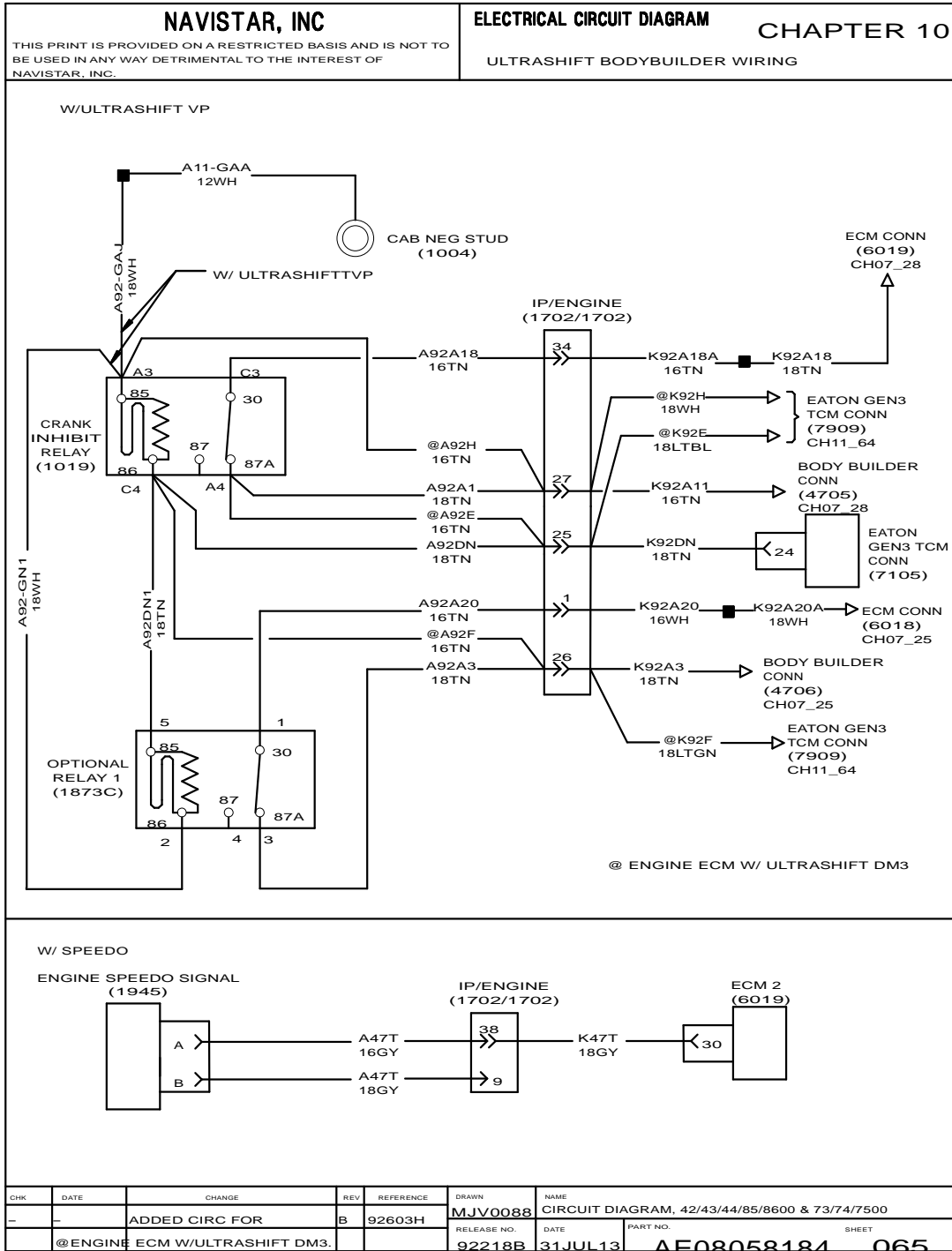


Figure 514 Ultrashift BodyBuilder Wiring

10.105. TRW ABS BRAKES, P. 66

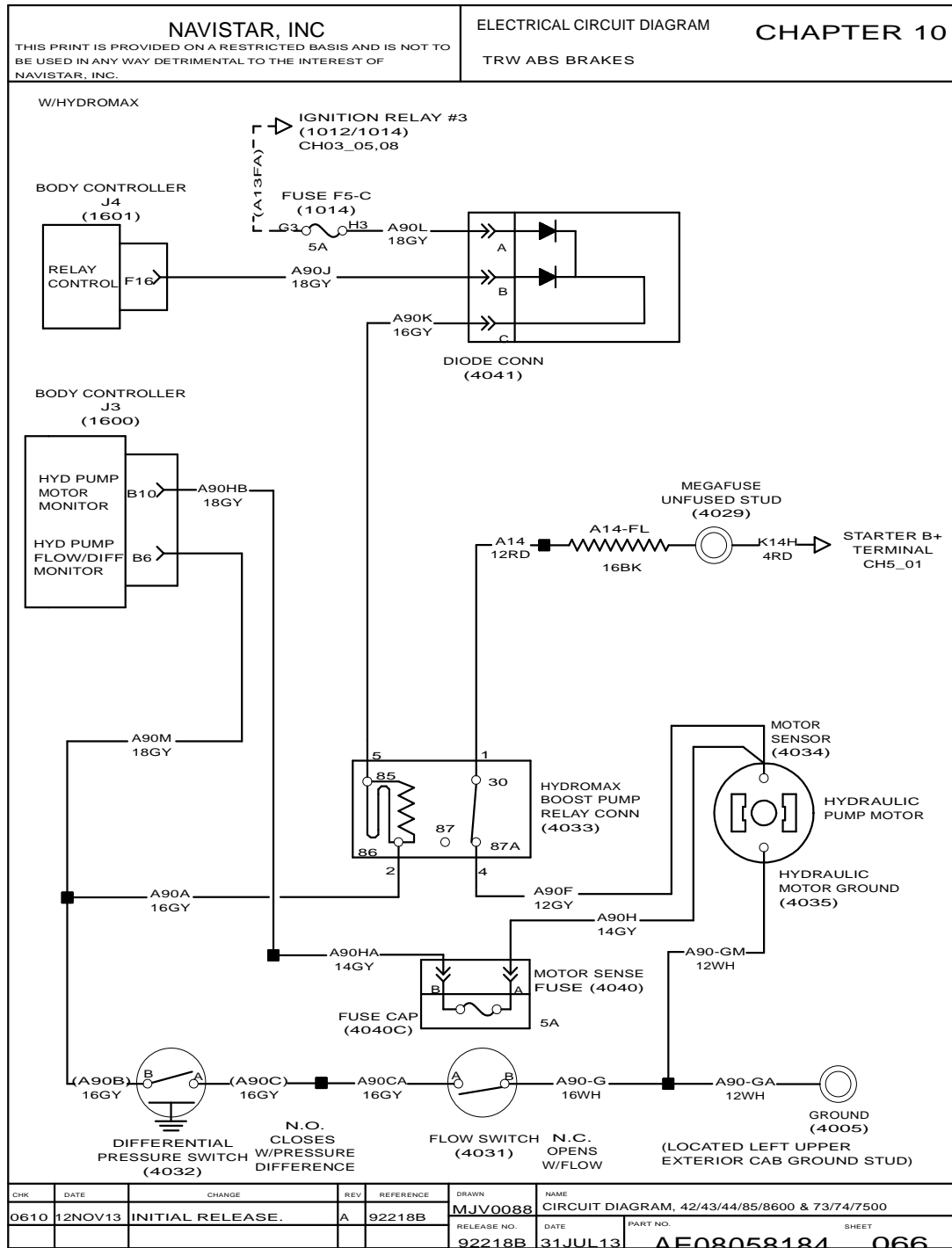


Figure 515 TRW ABS Brakes





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

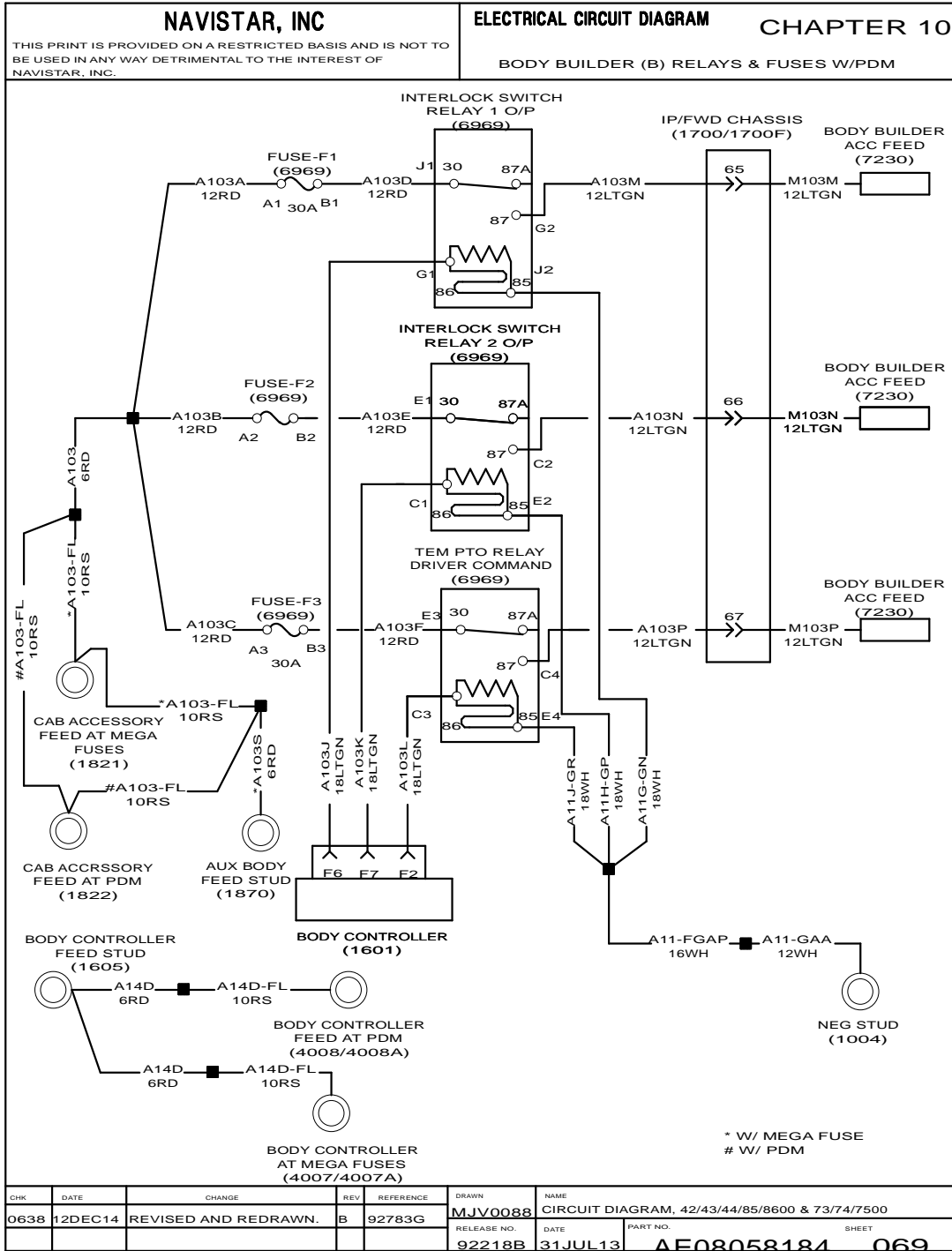


Figure 518 Body Builder (B) Relays and Fuses with PDM



10.109. ABS – WABCO 4S / 4M, P. 70

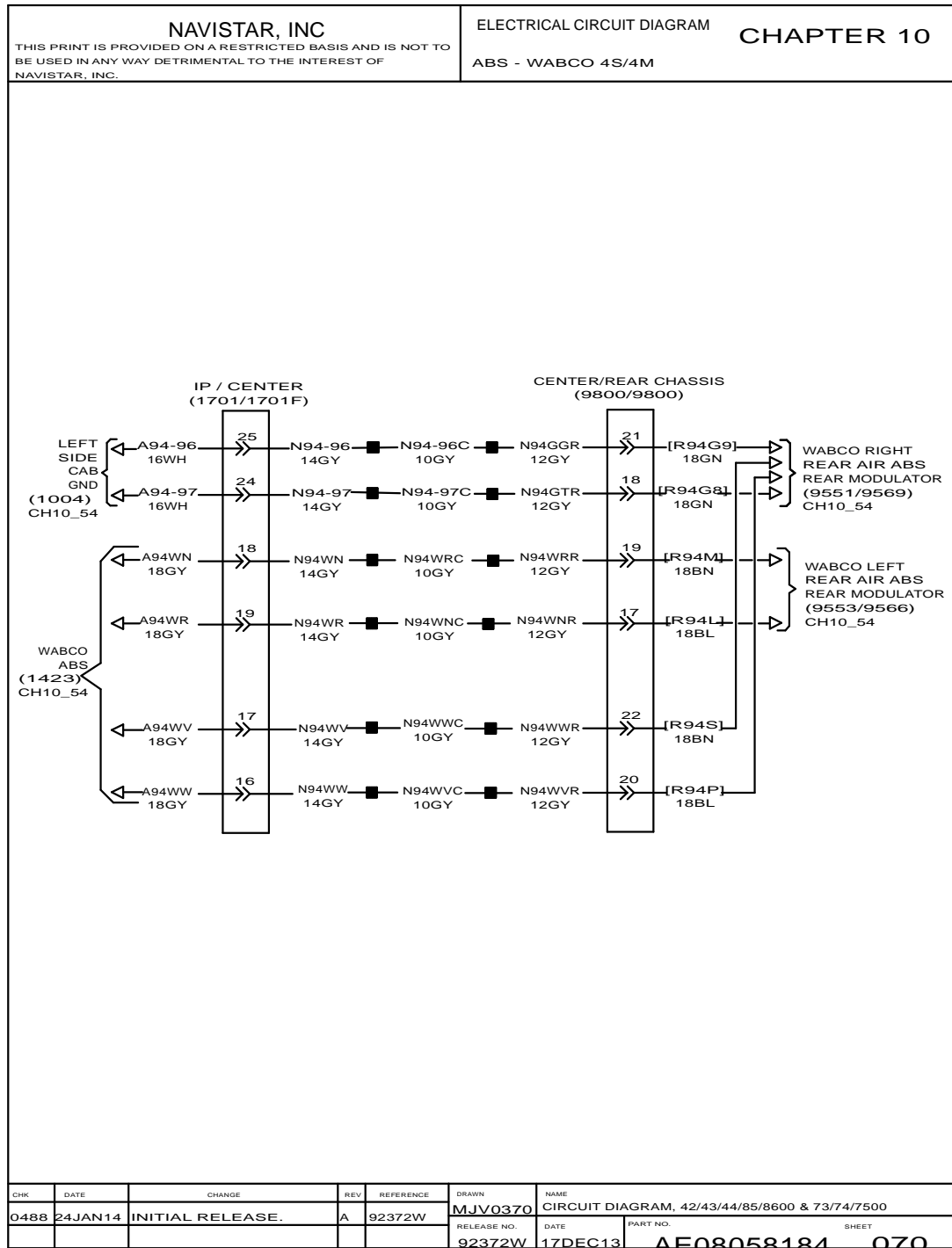


Figure 519 ABS – WABCO 4S / 4M

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

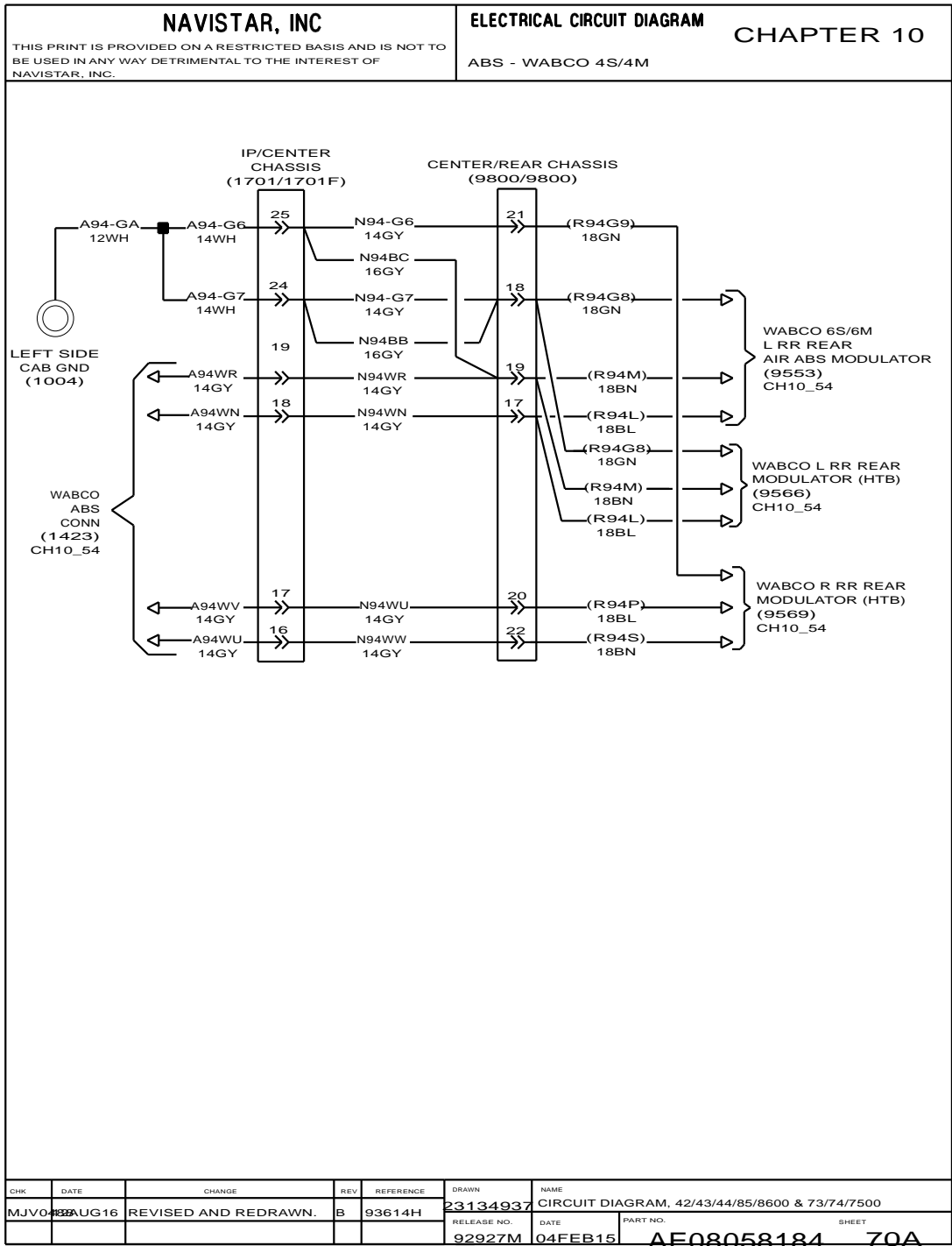


Figure 520 ABS – WABCO 4S / 4M (Cont.)

10.111. HYDRAULIC BRAKES, P. 71

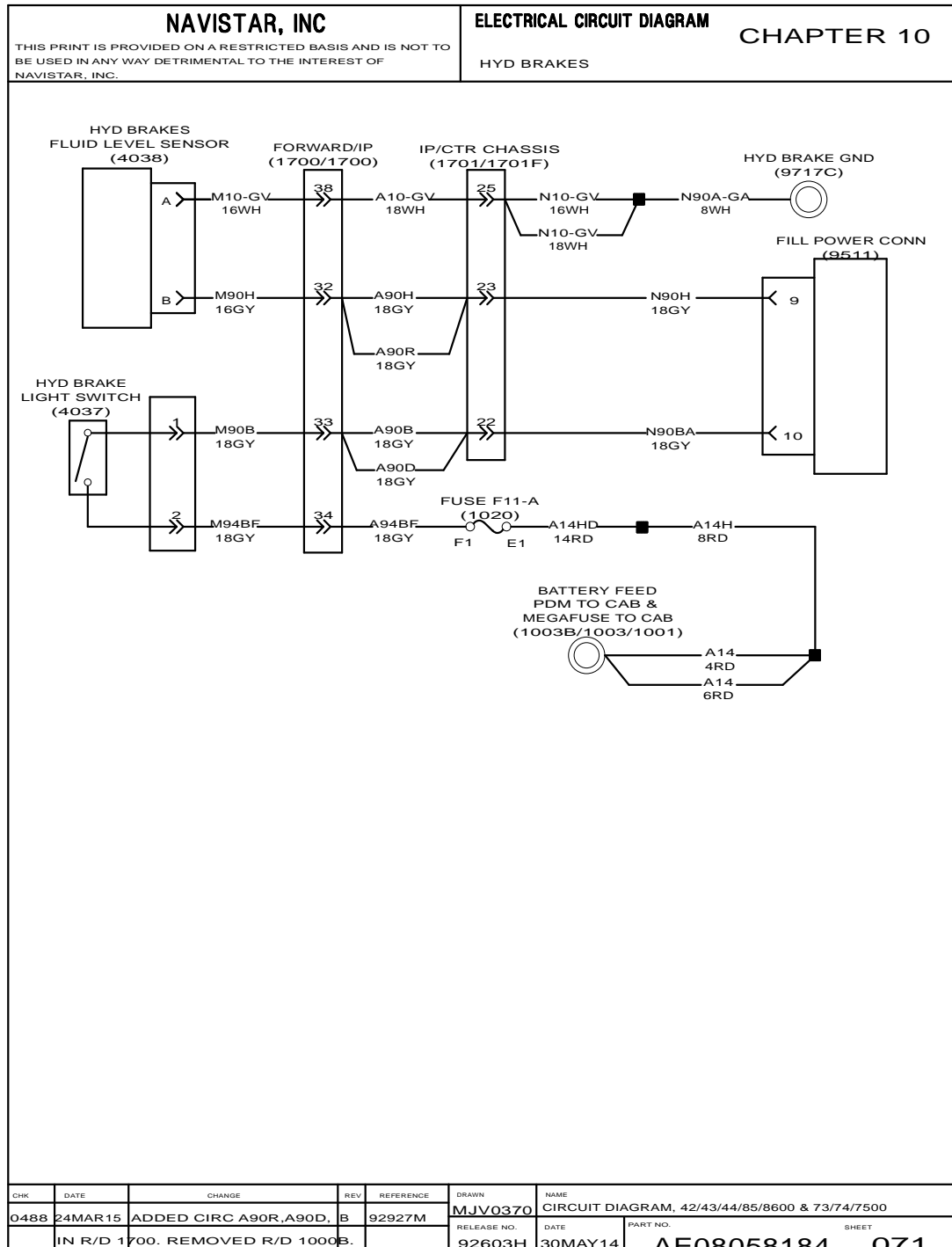


Figure 521 Hydraulic Brakes

10.112. NEXT GEN HYDRAULIC BRAKES, P. 72

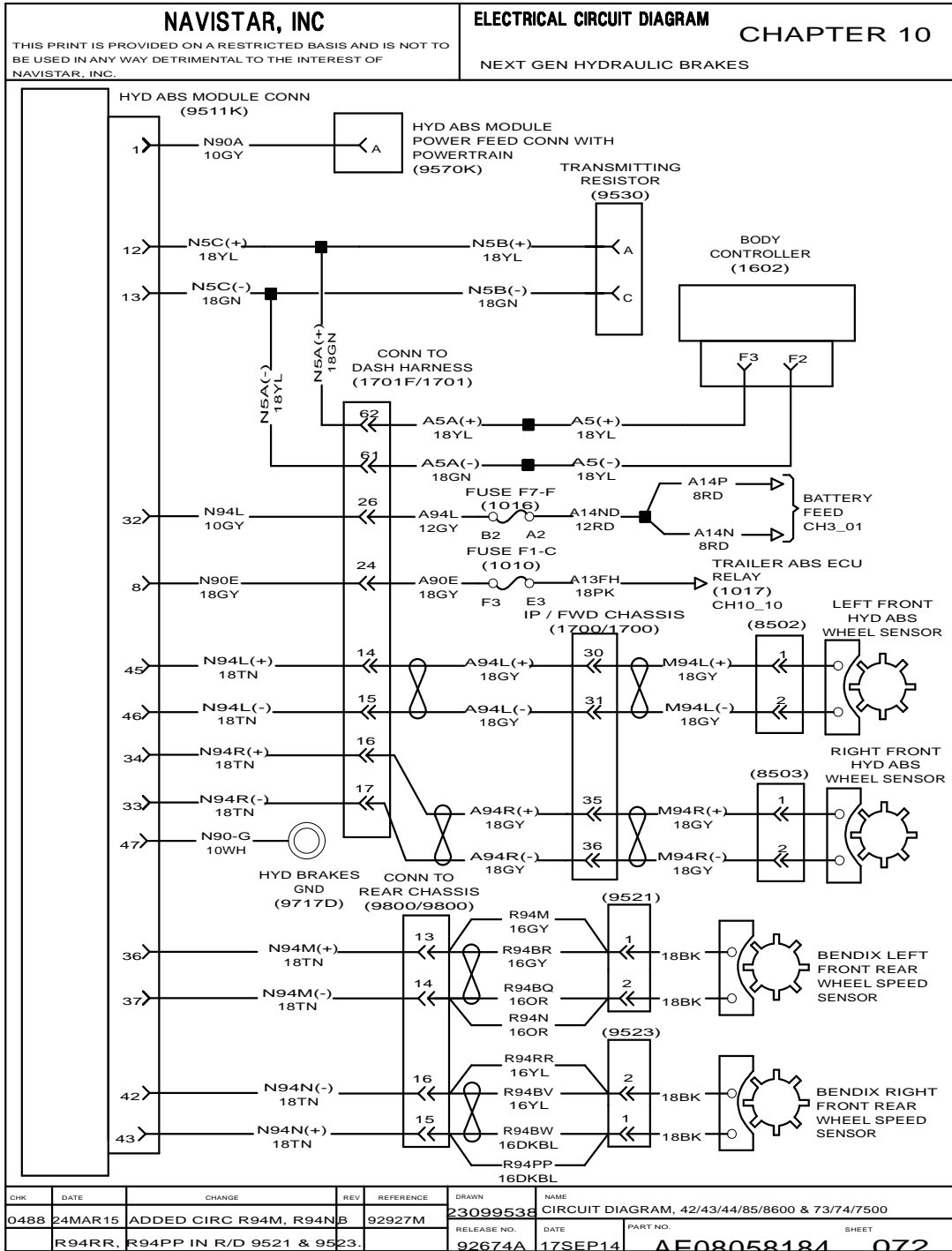


Figure 522 Next Gen Hydraulic Brakes

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

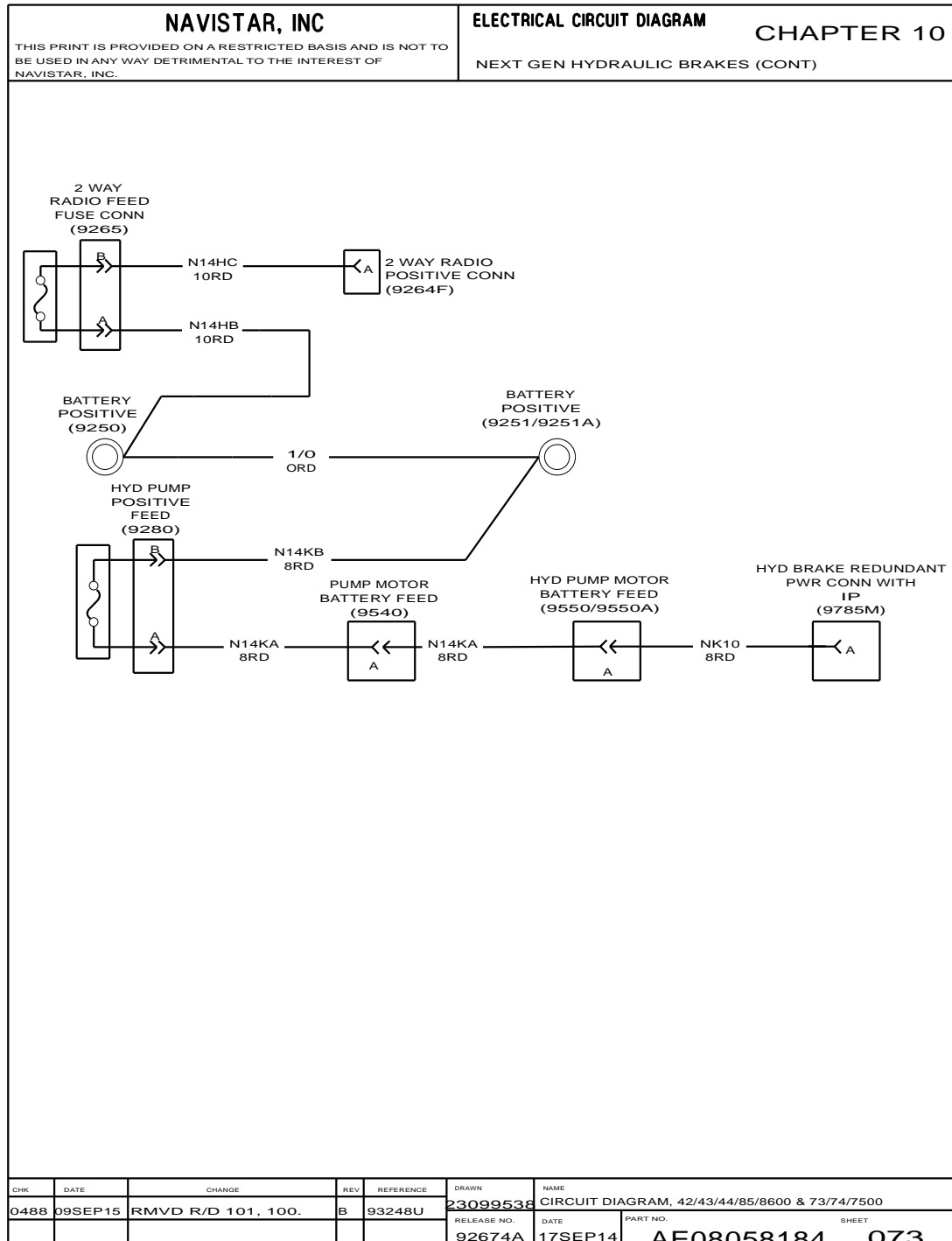


Figure 523 Next Gen Hydraulic Brakes (Cont.)

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

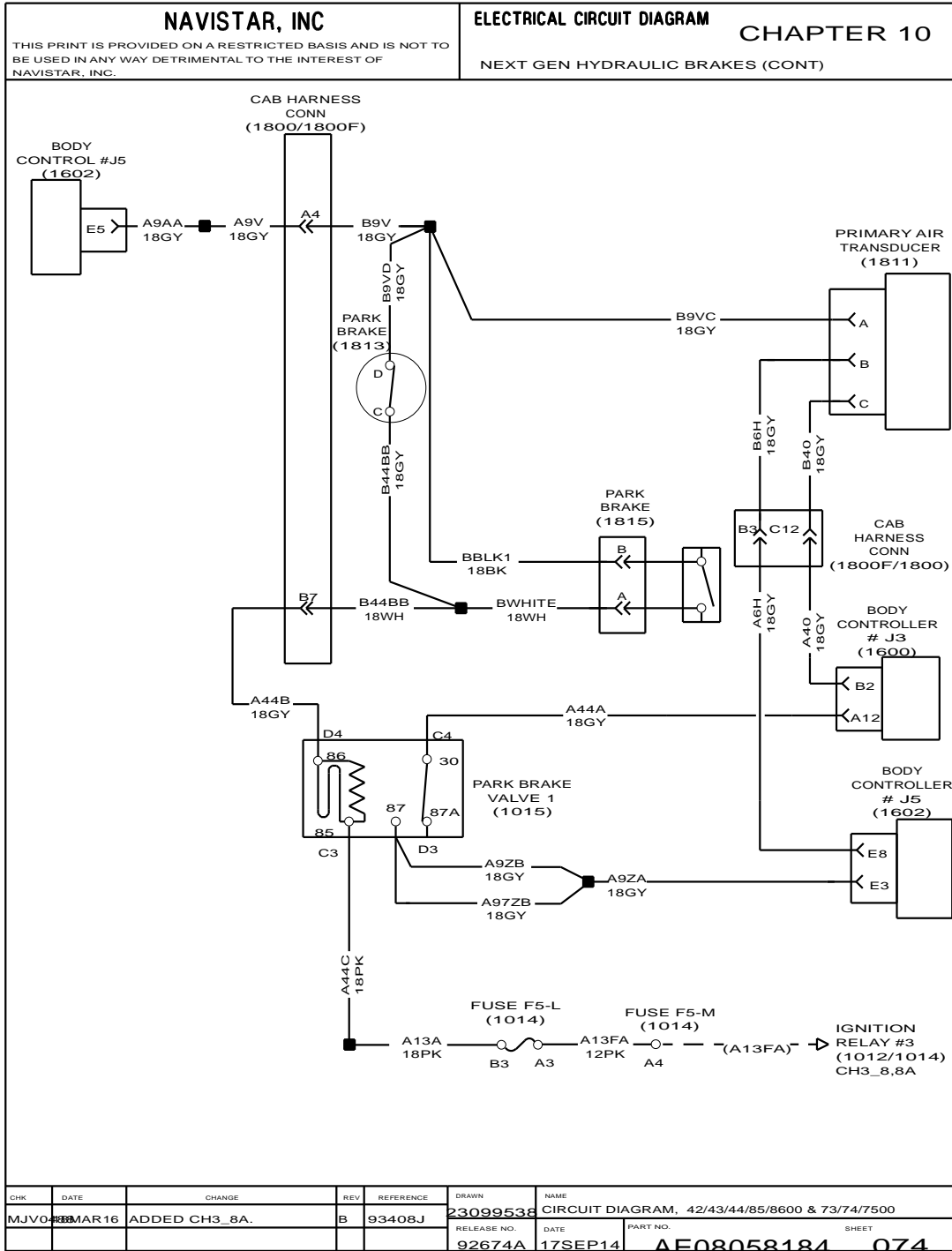


Figure 524 Next Gen Hydraulic Brakes (Cont.)

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

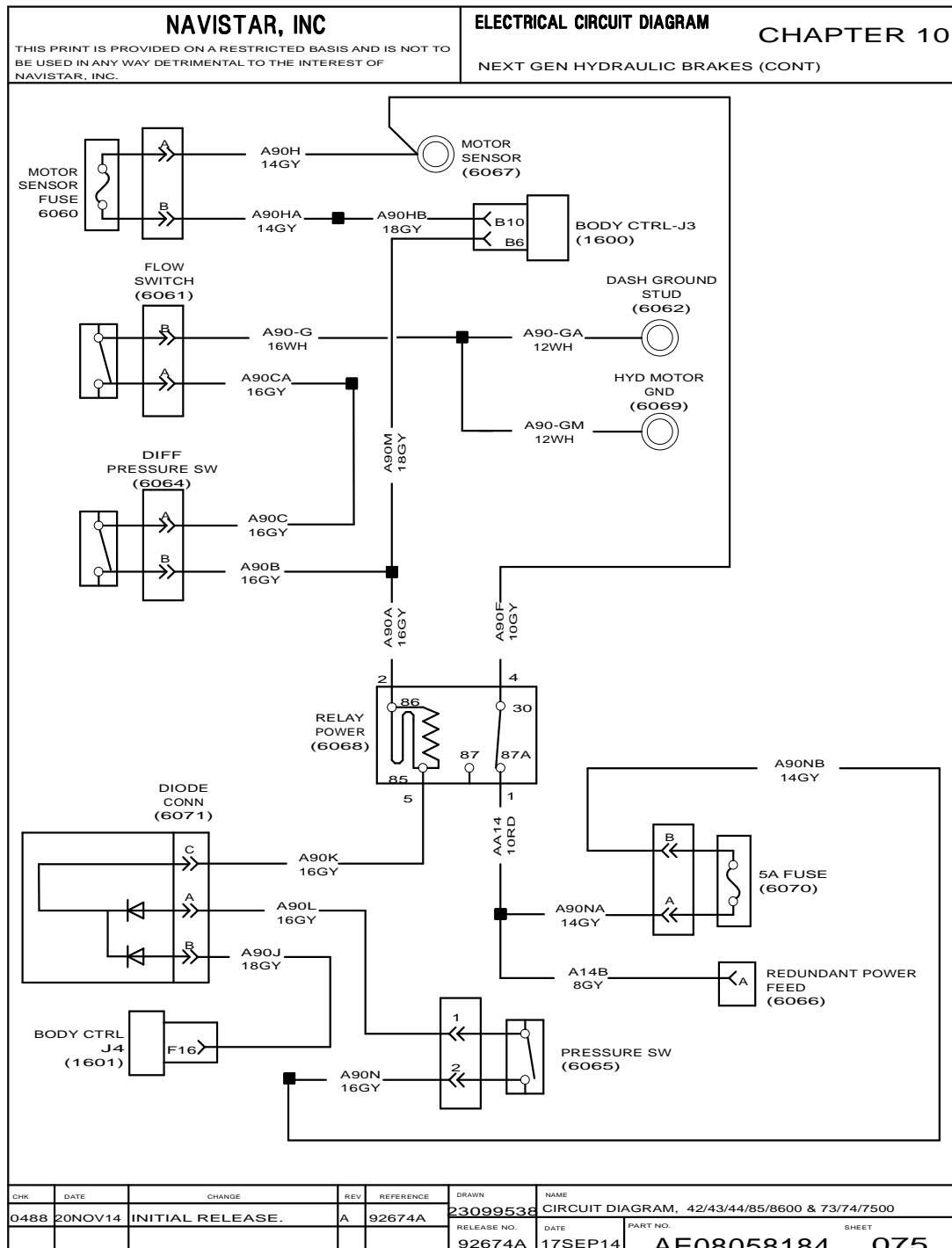


Figure 525 Next Gen Hydraulic Brakes (Cont.)

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

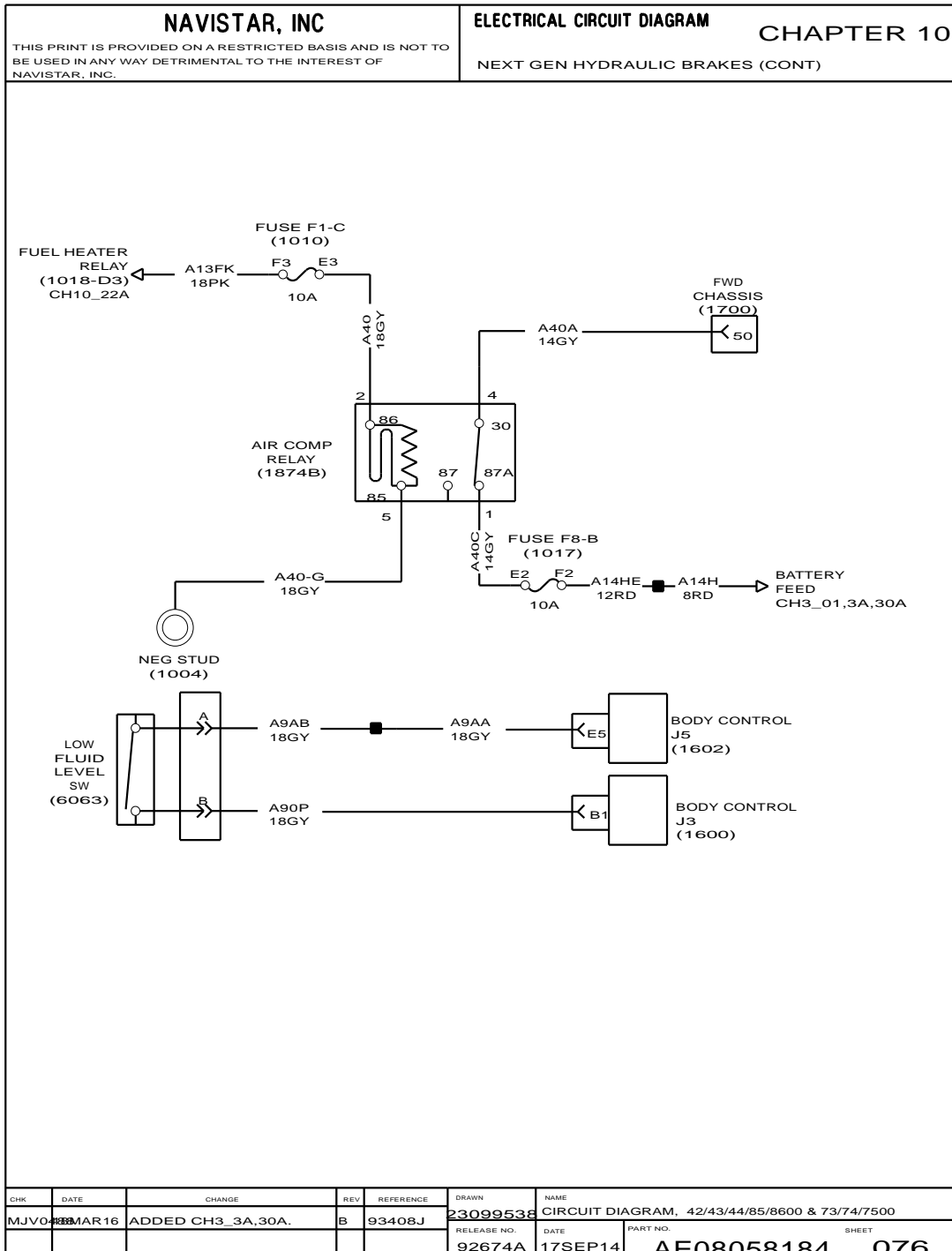


Figure 526 Next Gen Hydraulic Brakes (Cont.)





10.118. DUAL POWER TAKE-OFF, P. 78

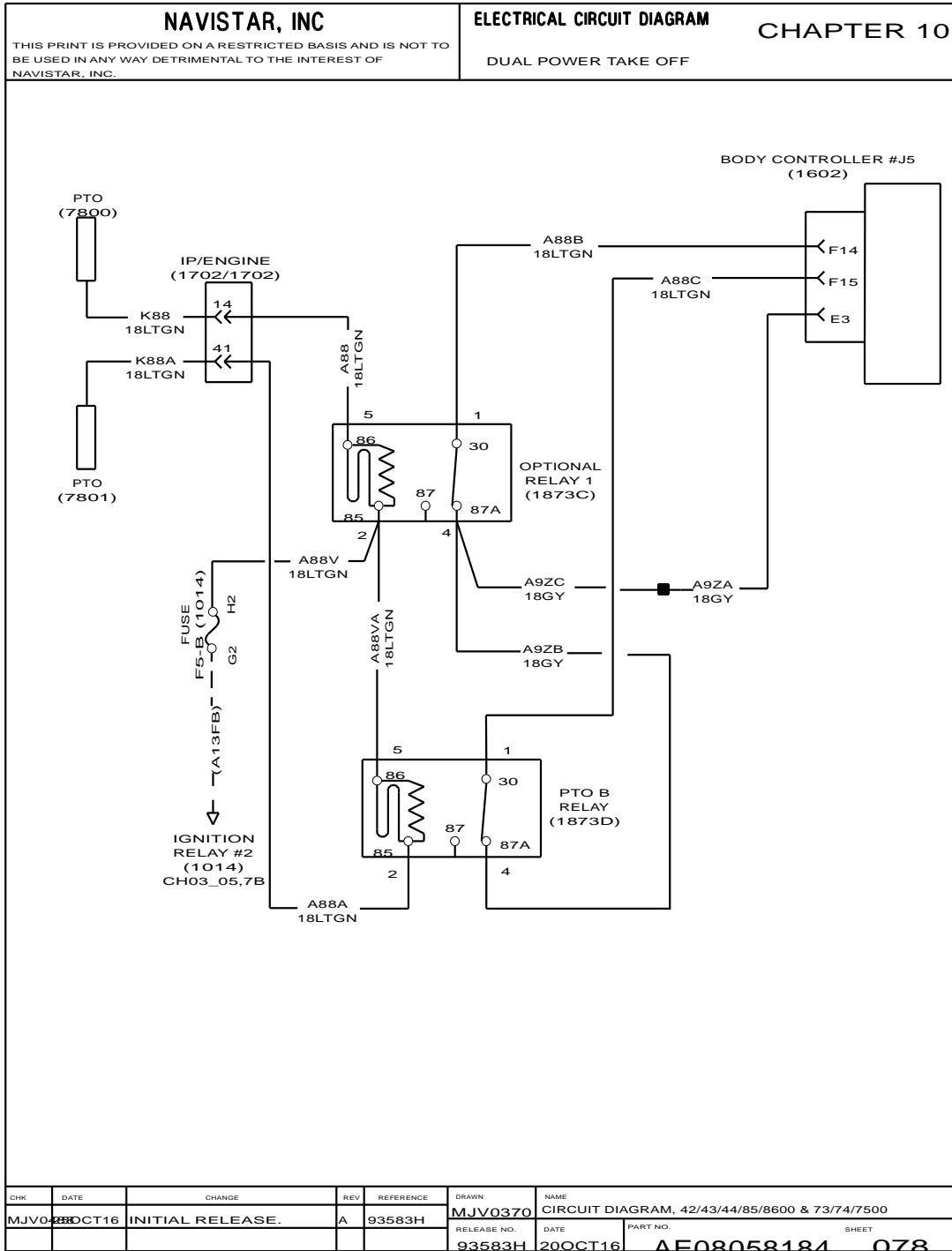


Figure 528 Dual Power Take-Off

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

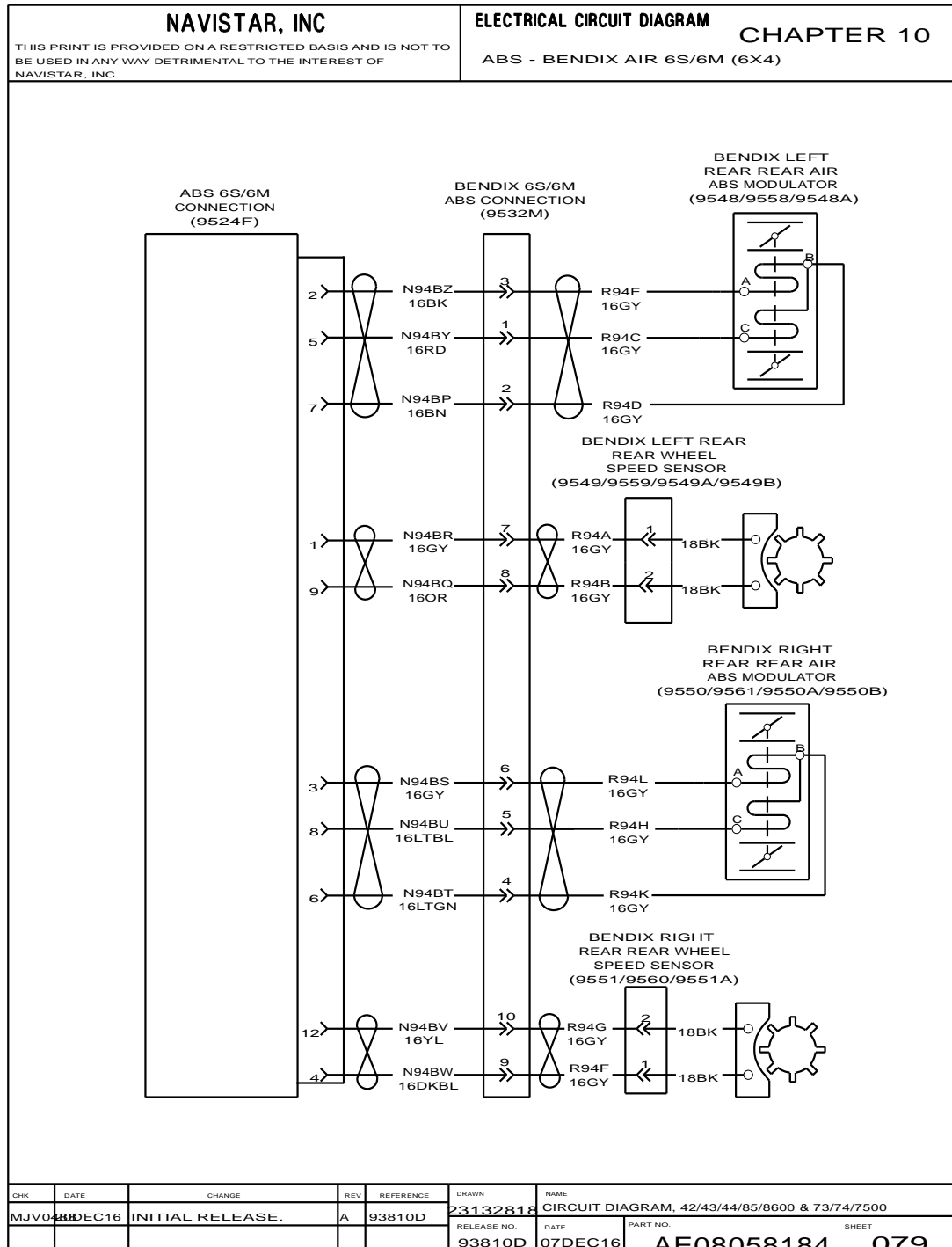


Figure 529 ABS – Bendix Air 6S / 6M (6x4),

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

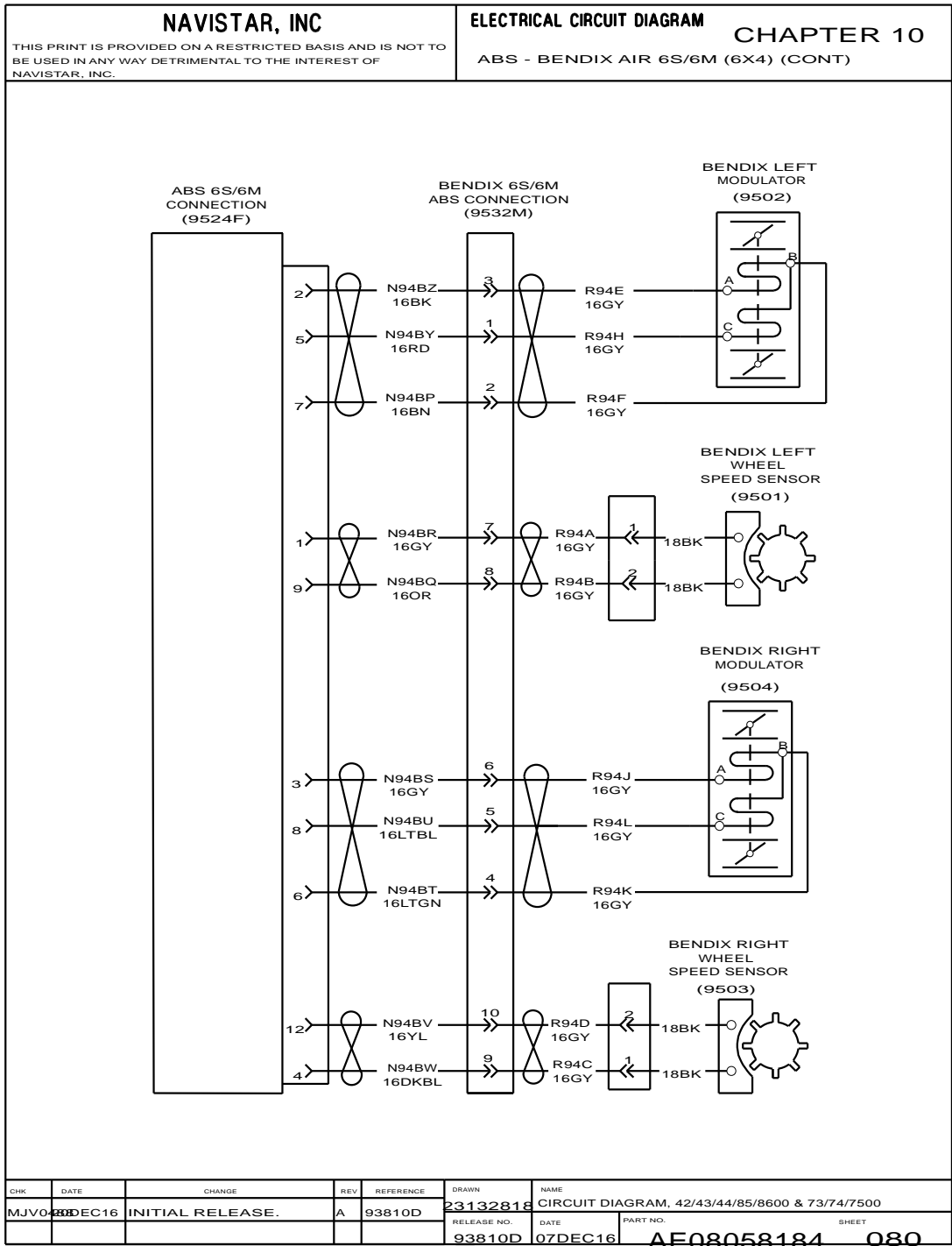


Figure 530 ABS – Bendix Air 6S / 6M (6x4) (Cont.)

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

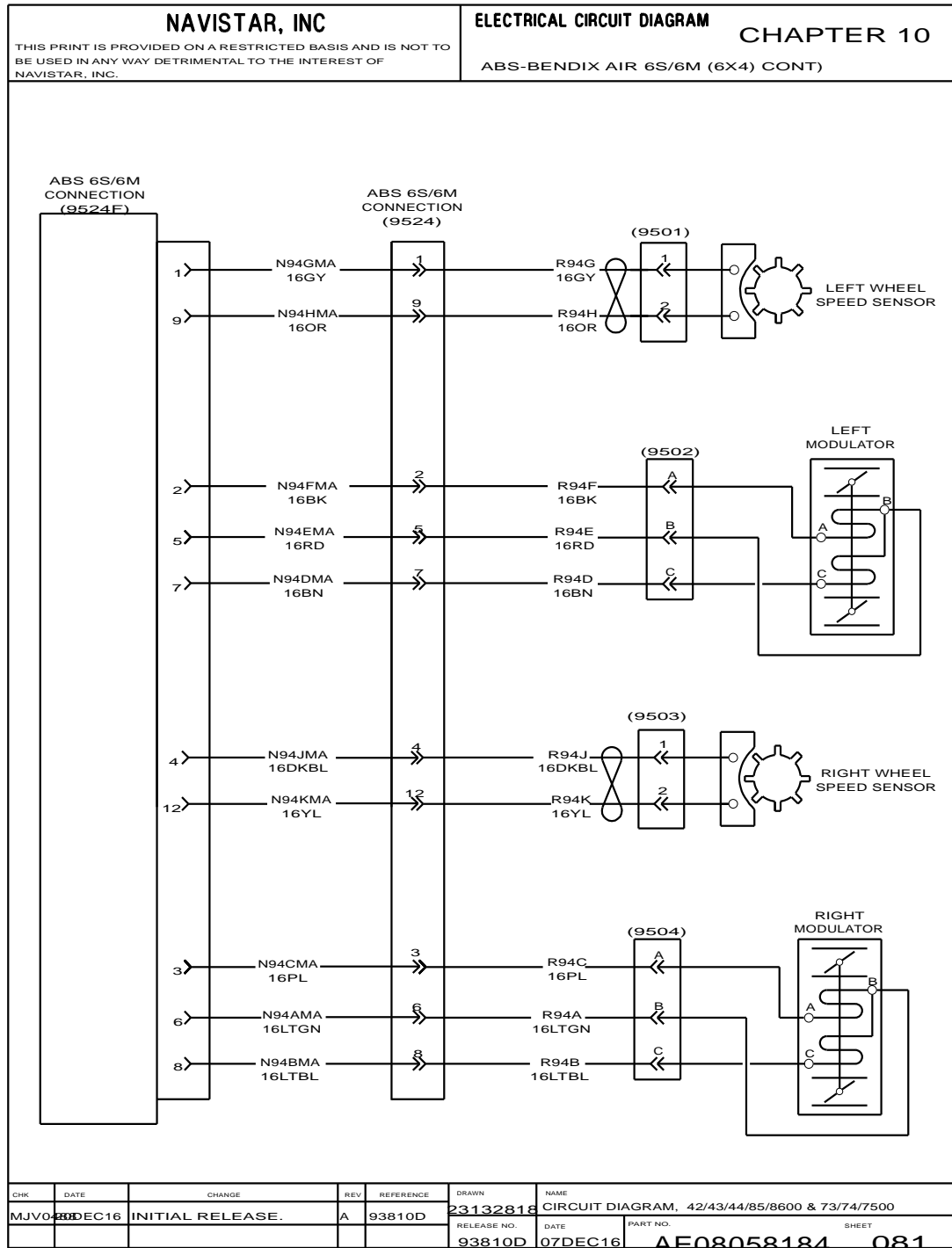


Figure 531 ABS – Bendix Air 6S / 6M (6x4) (Cont.)

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

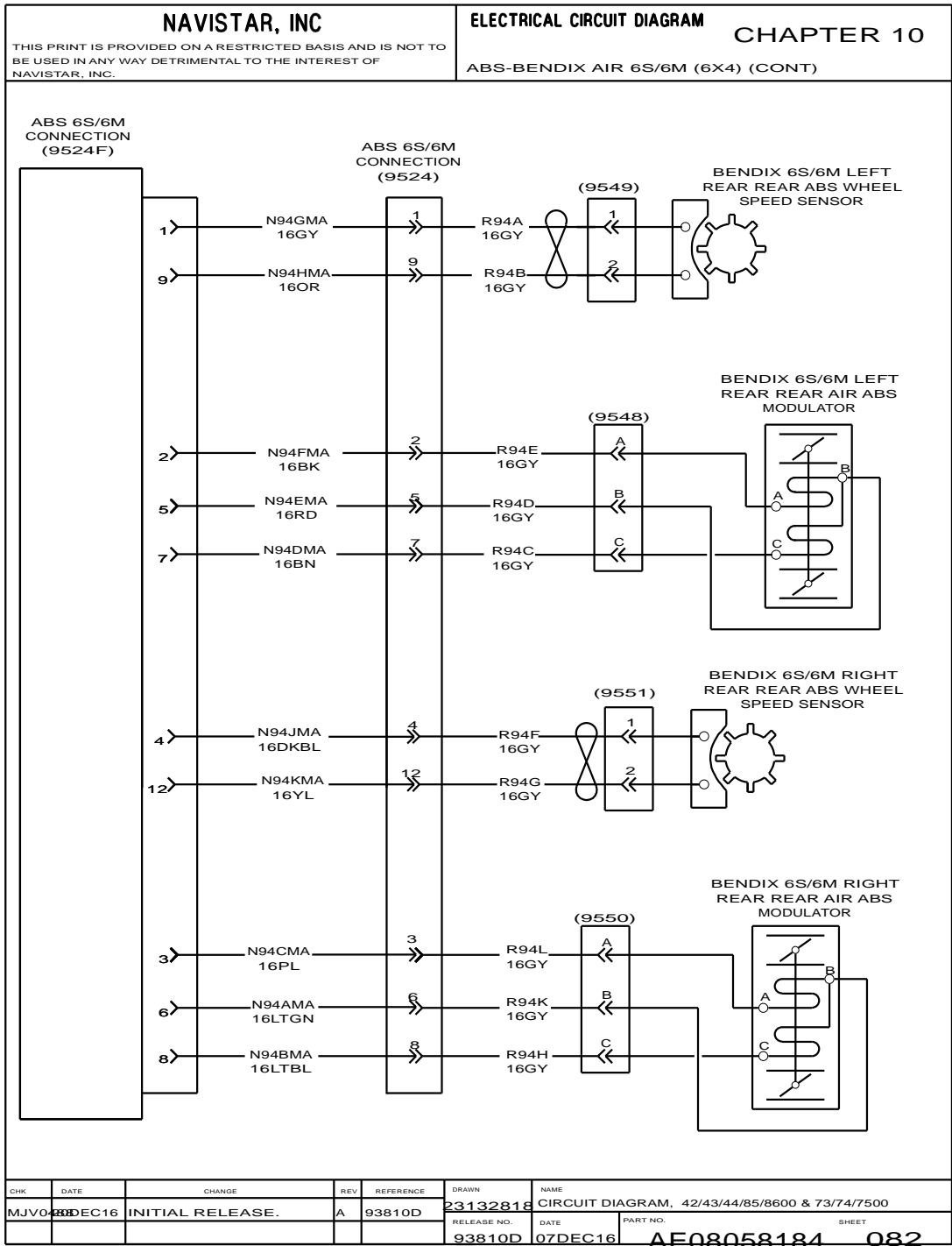


Figure 532 ABS – Bendix Air 6S / 6M (6x4) (Cont.)

# TRANSMISSIONS (CHAPTER 11)

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

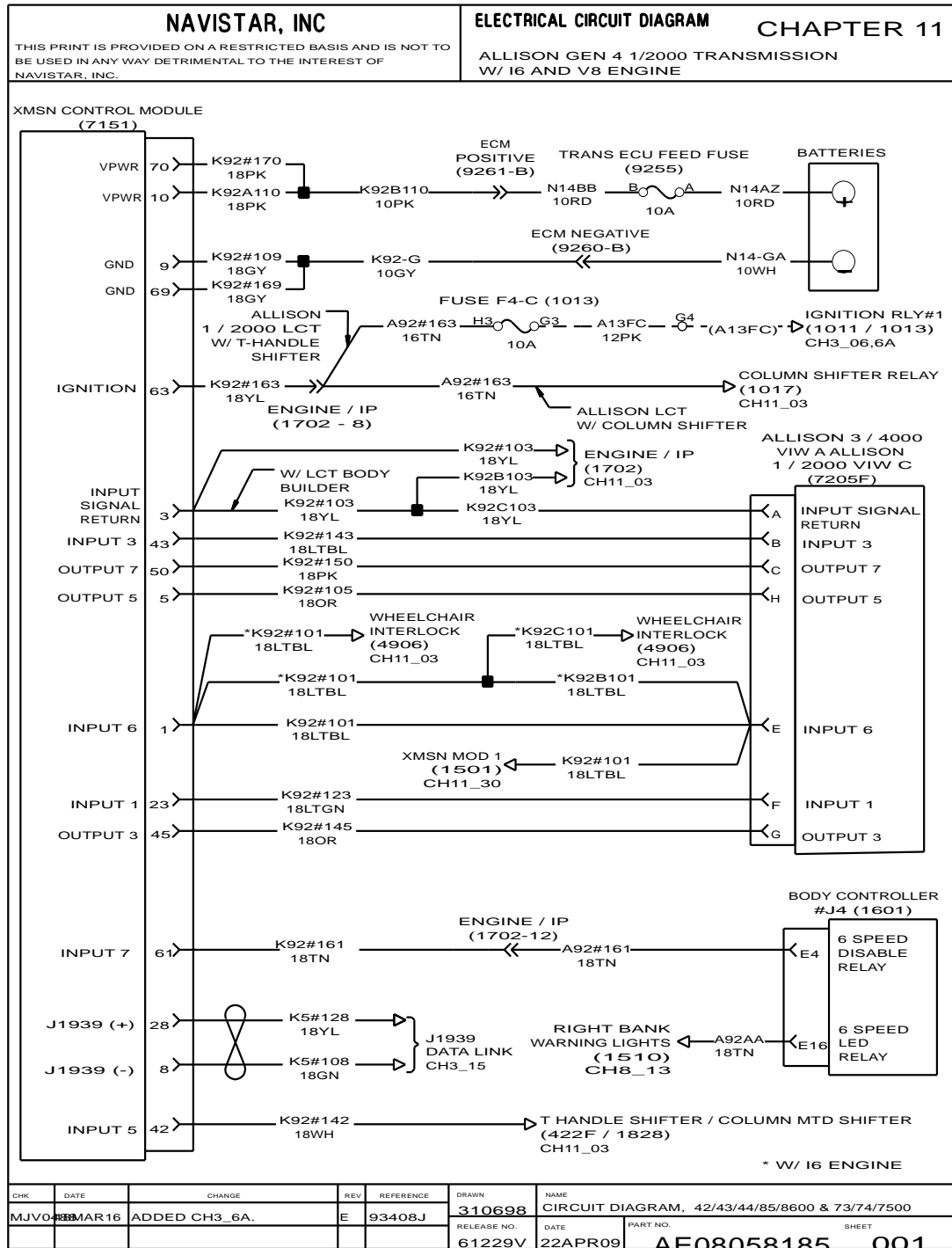


Figure 533 Allison Gen 4 1/2000 Transmission with I6 and V8 Engine

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

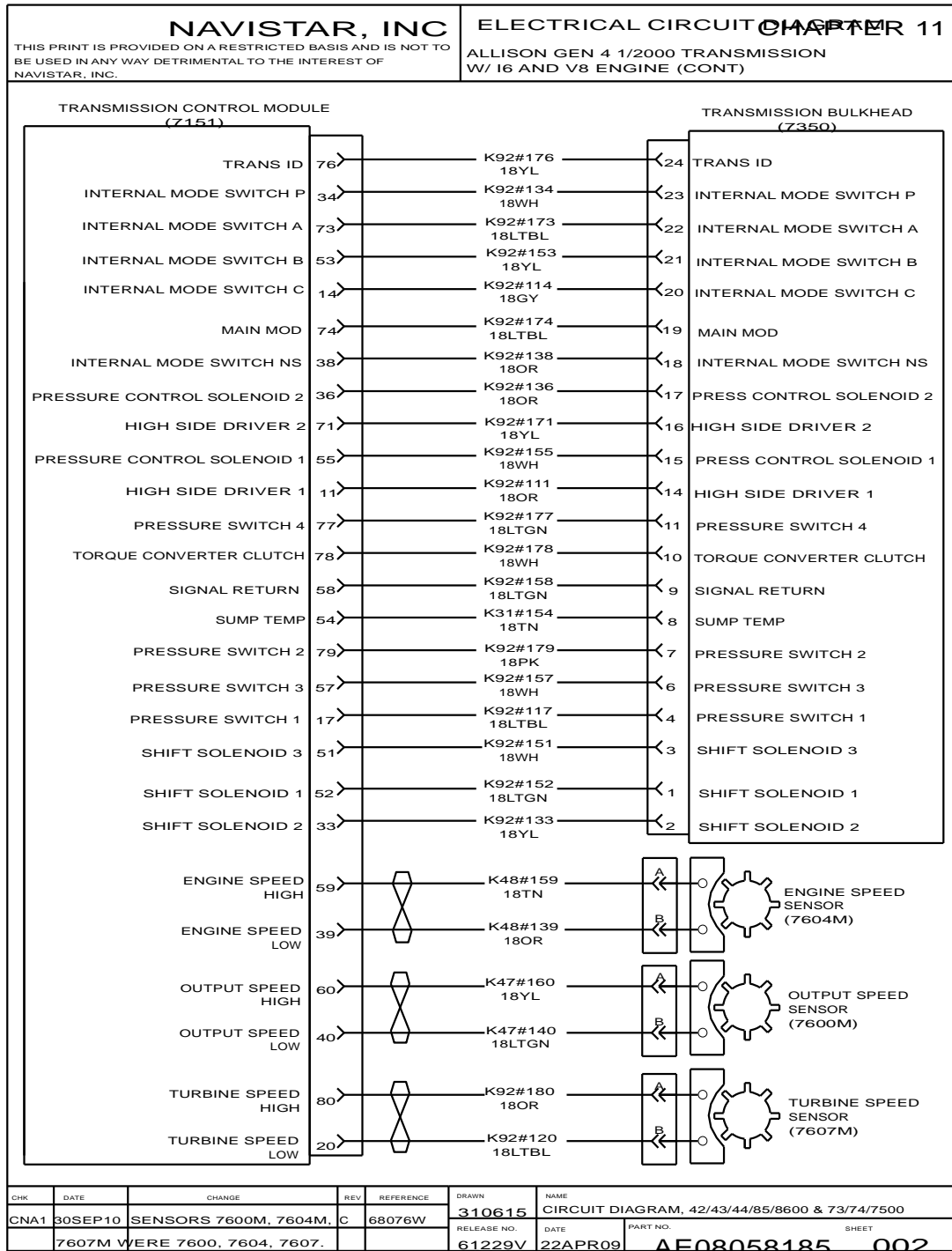


Figure 534 Allison GEN 4 1/2000 Transmission with I6 and V8 Engines (Cont.)



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

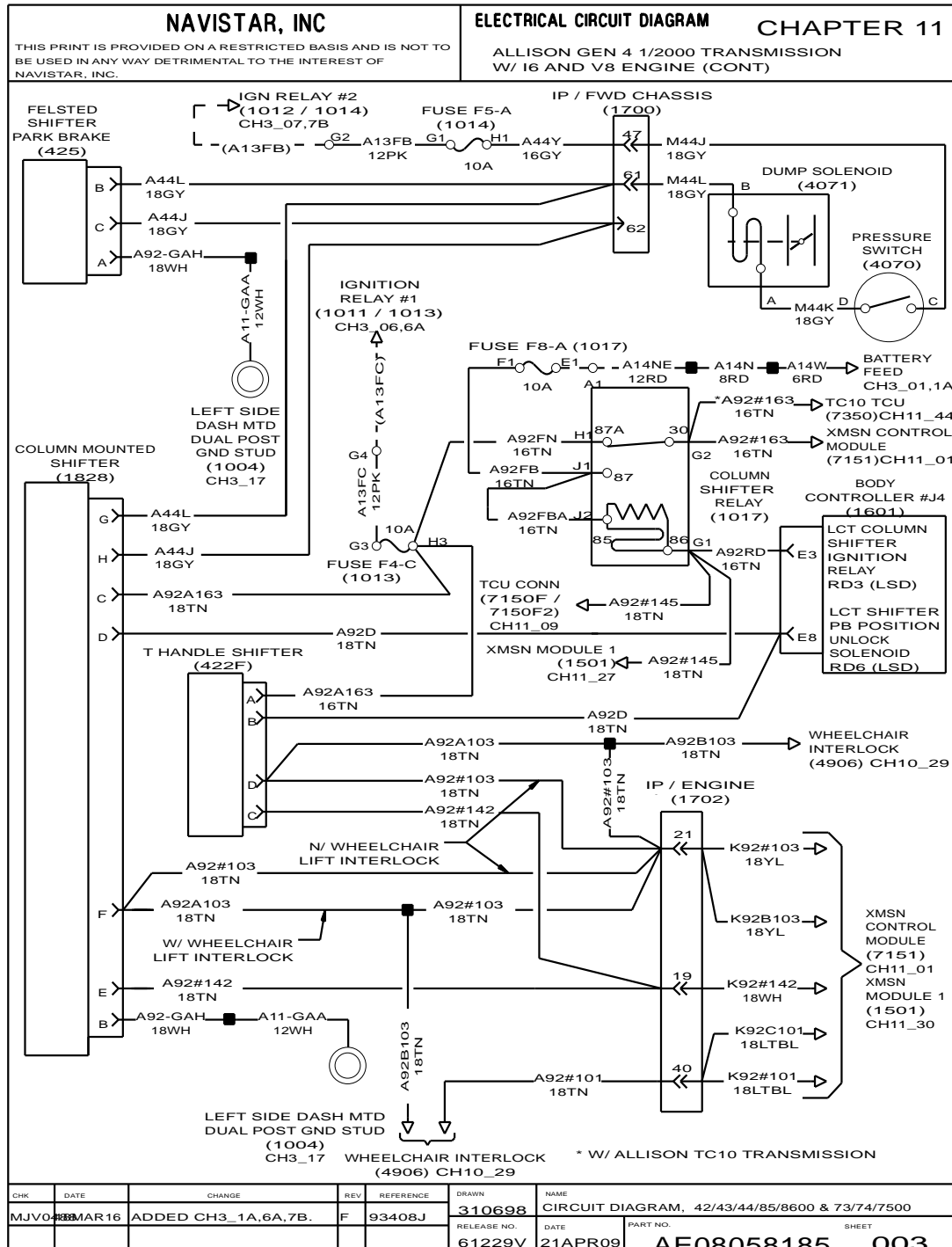


Figure 535 Allison GEN 4 1/2000 Transmission with I6 and V8 Engines (Cont.)

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

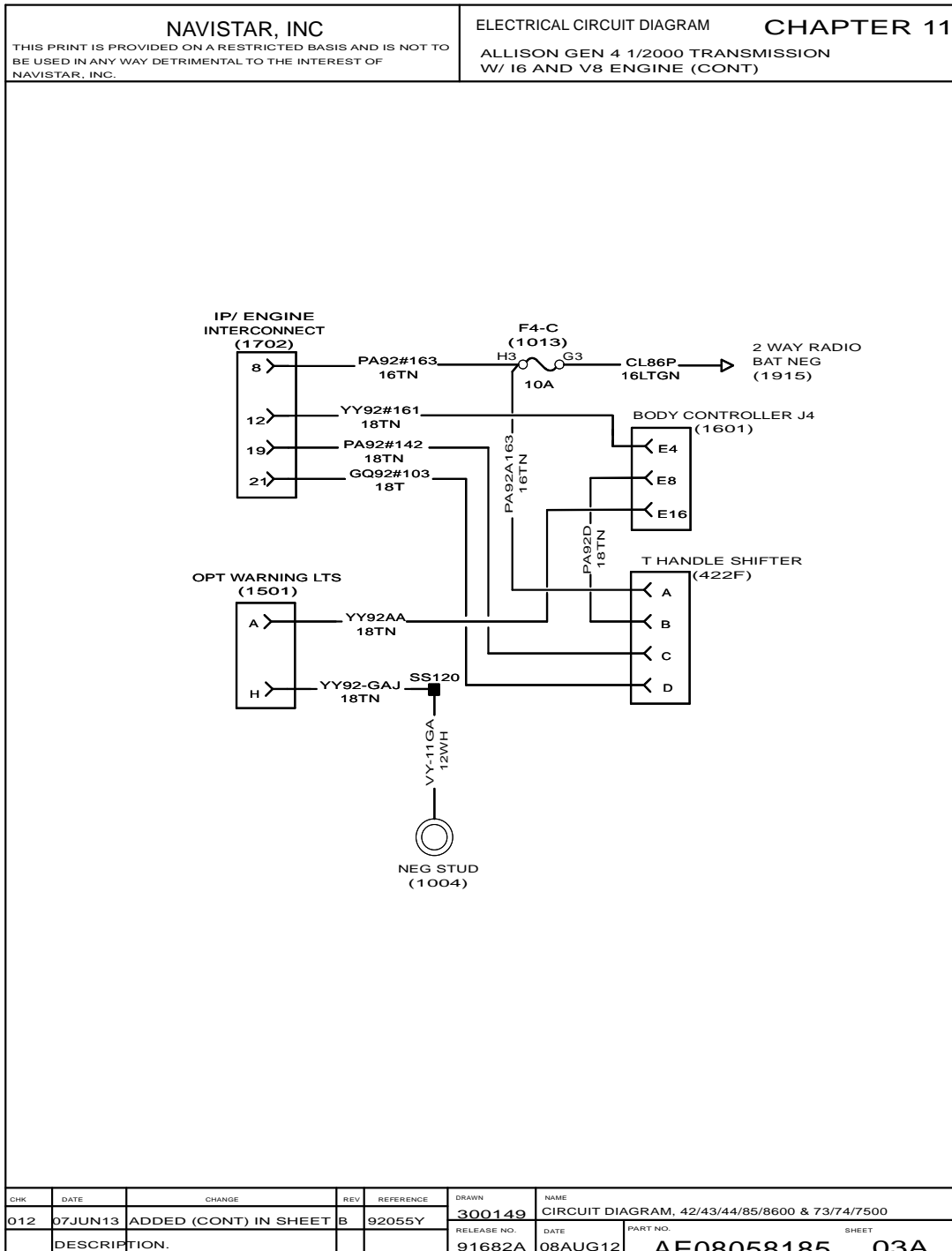


Figure 536 Allison GEN 4 1/2000 Transmission with I6 and V8 Engines (Cont.)

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

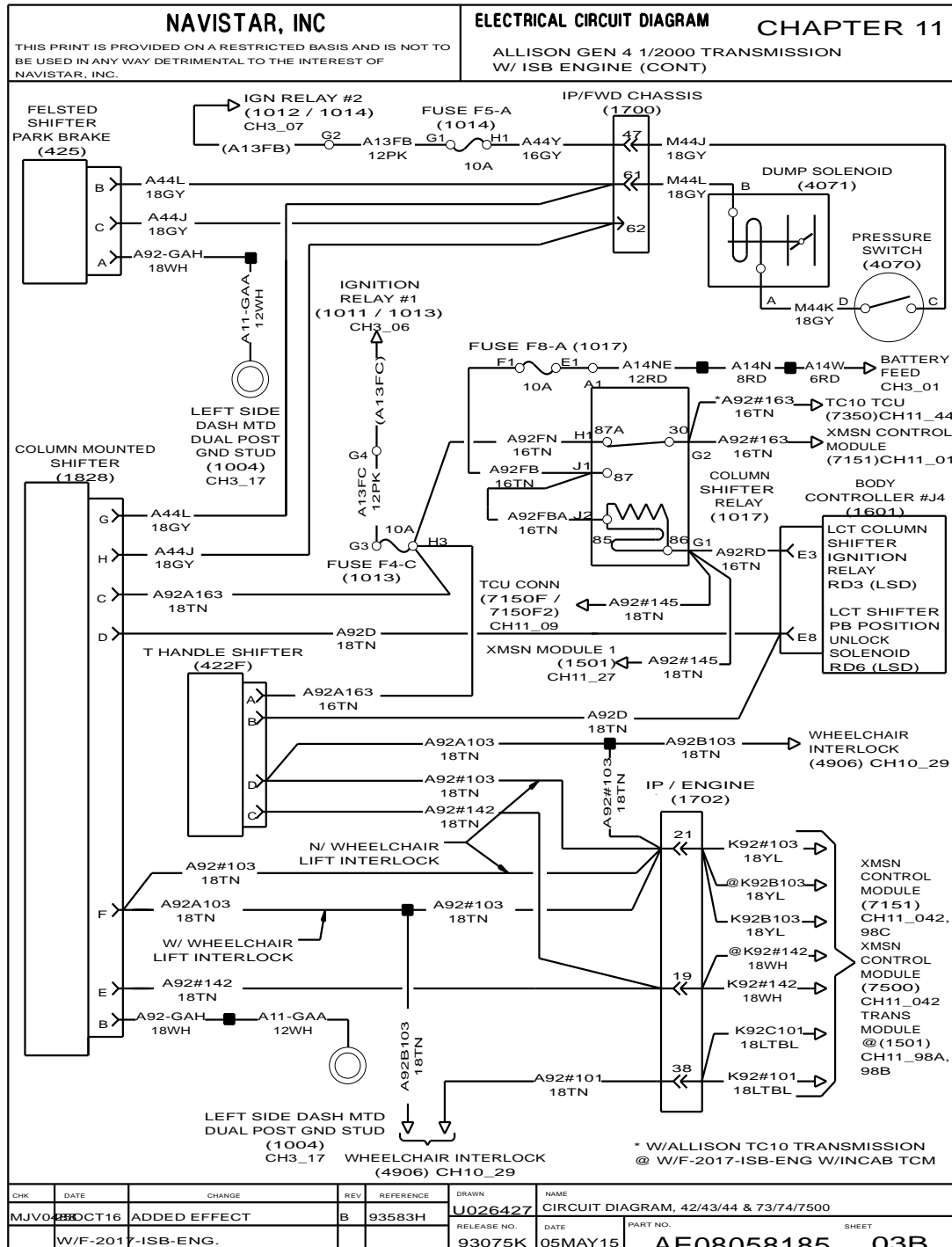


Figure 537 Allison GEN 4 1/2000 Transmission with ISB Engines (Cont.)

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

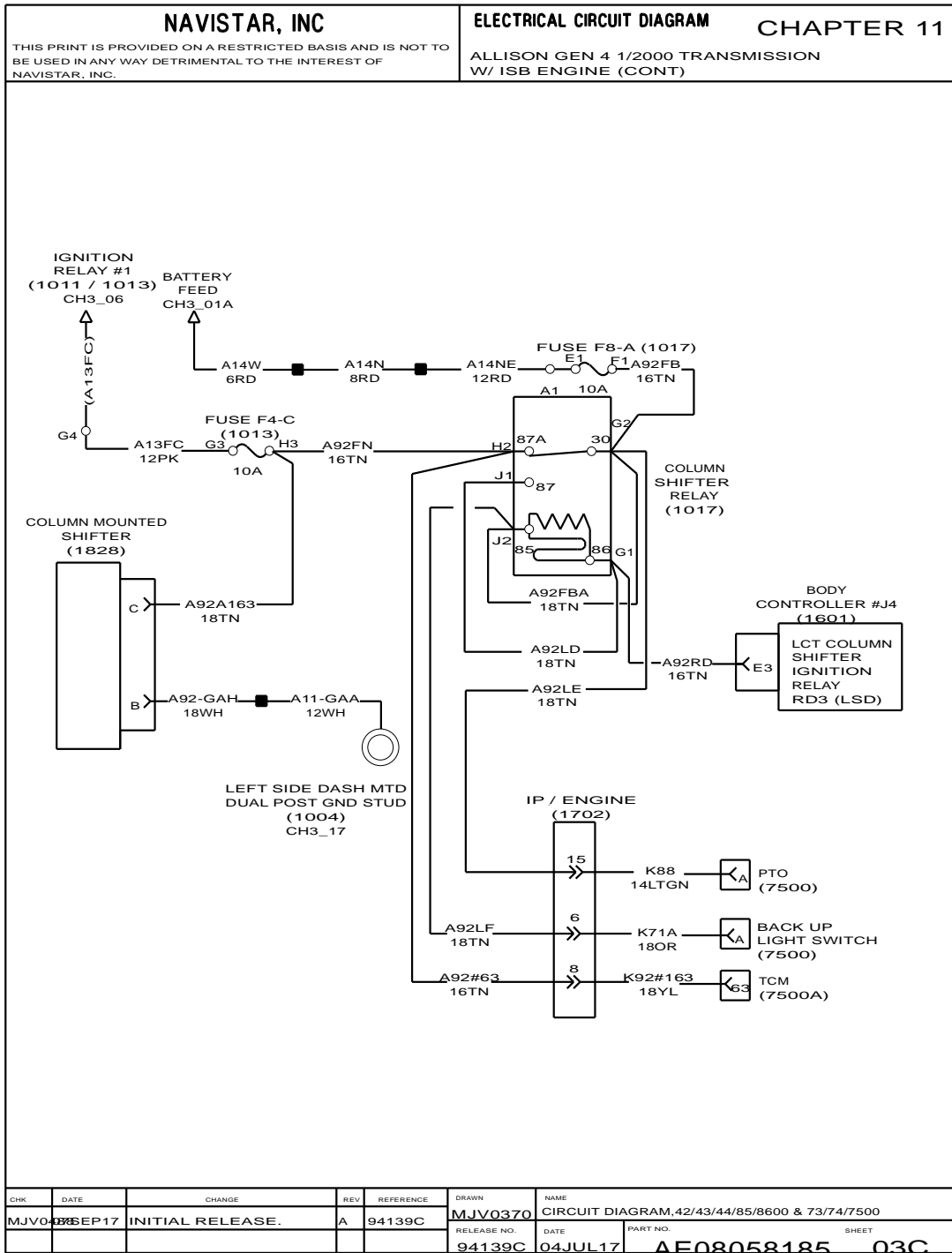


Figure 538 Allison GEN 4 1/2000 Transmission with ISB Engines (Cont.)

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

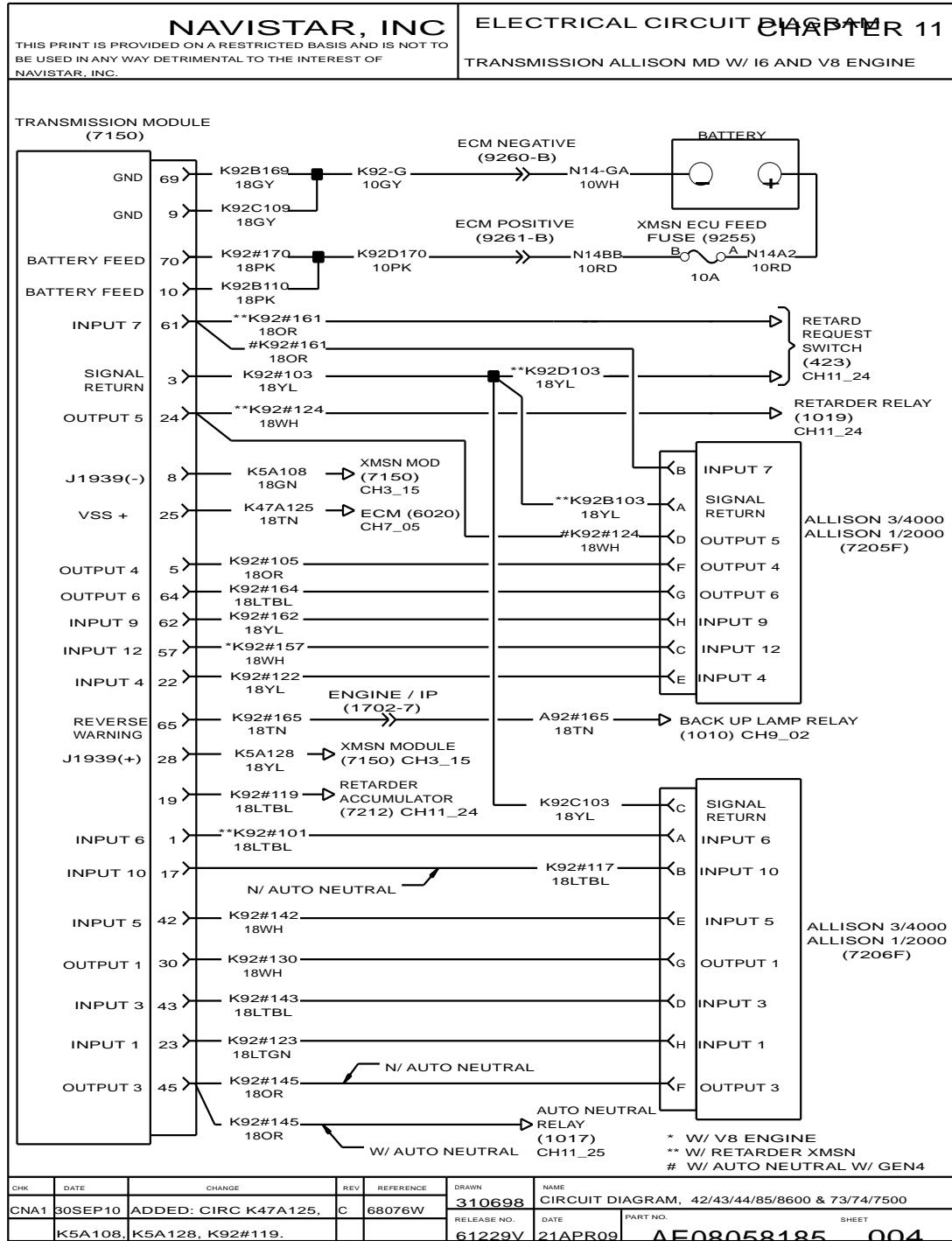


Figure 539 Transmission, Allison MD with I6 and V8 Engines

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

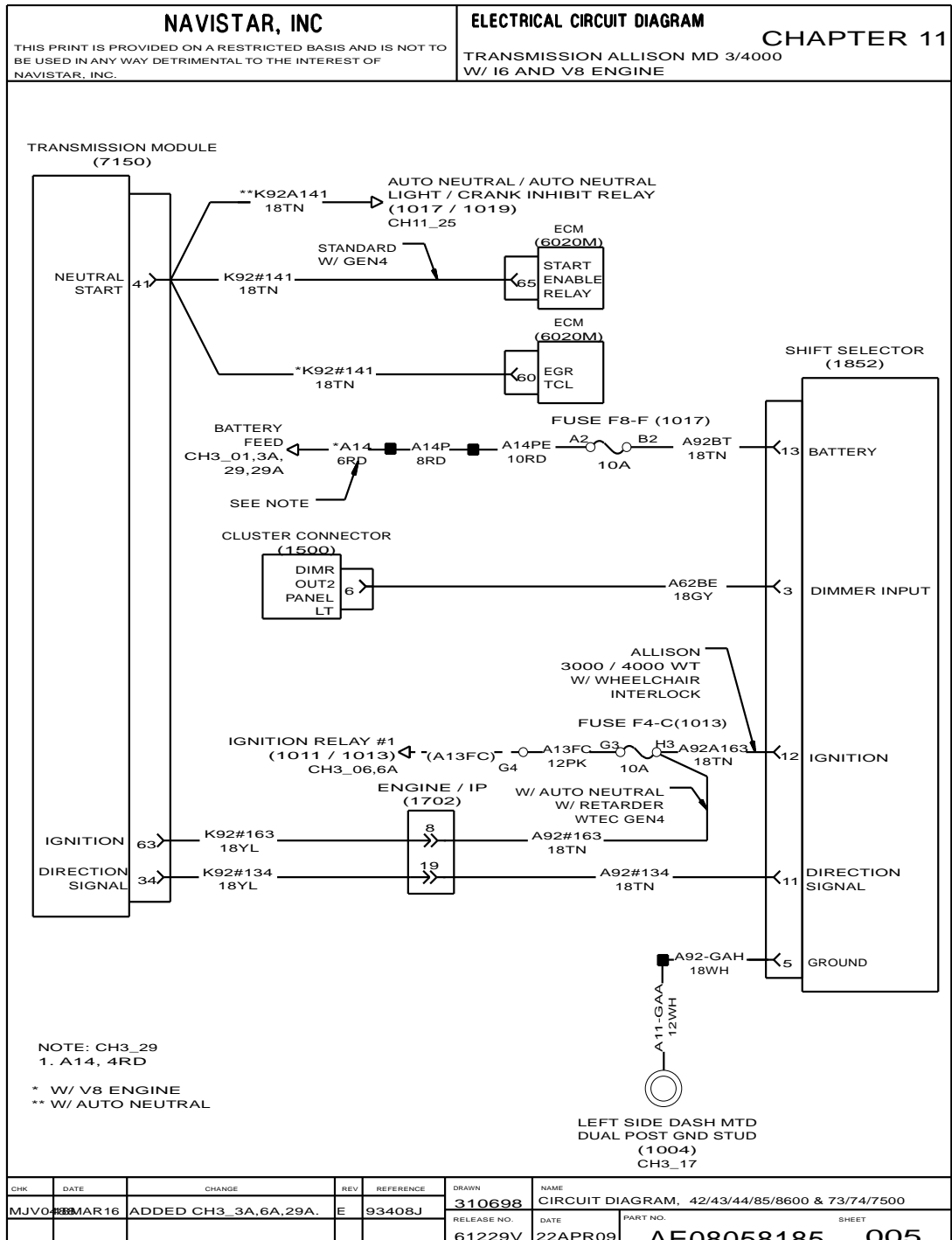


Figure 540 Transmission, Allison MD 3 / 4000 with I6 and V8 Engines

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

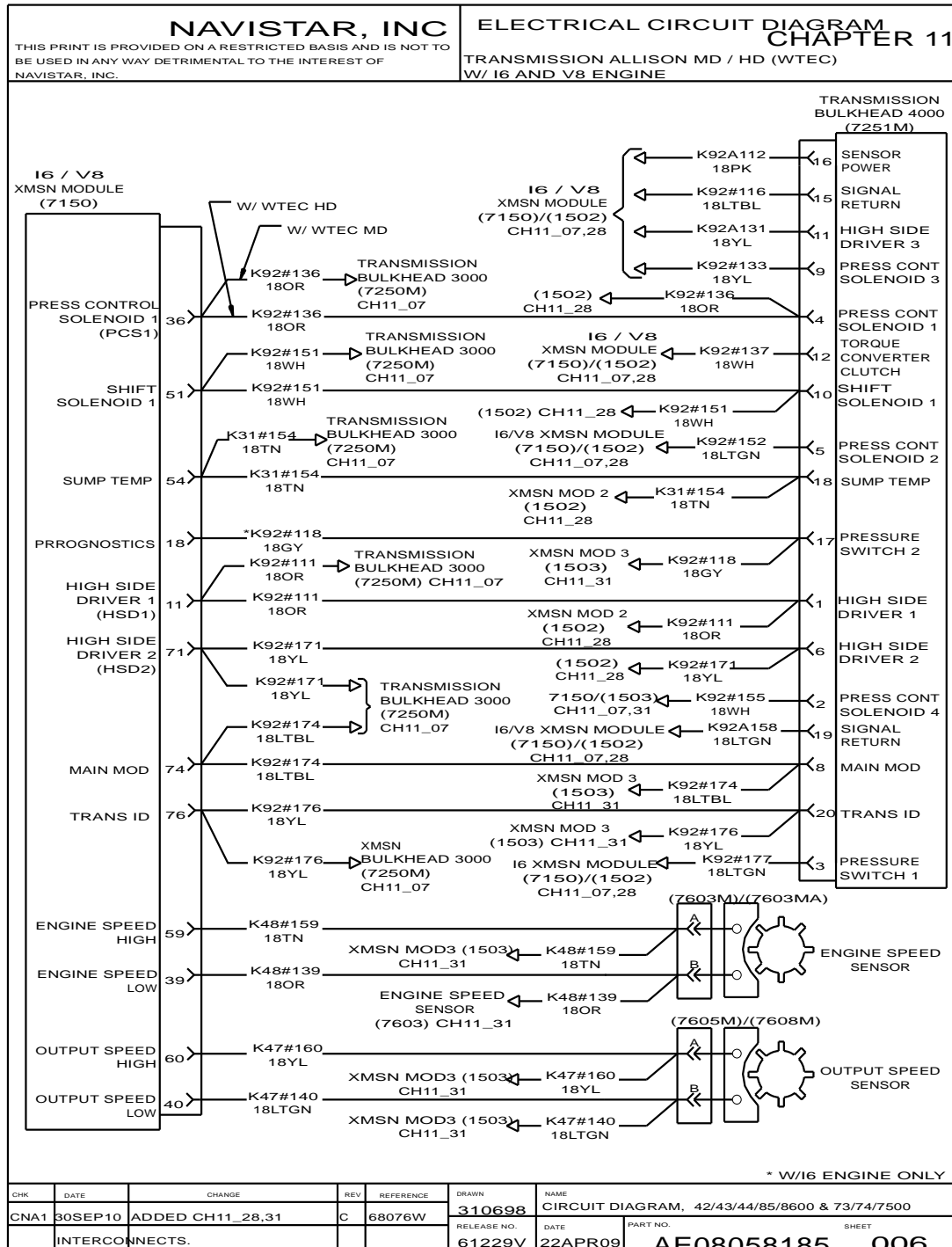


Figure 541 Transmission, Allison MD / HD (WTEC) with I6 and V8 Engines

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

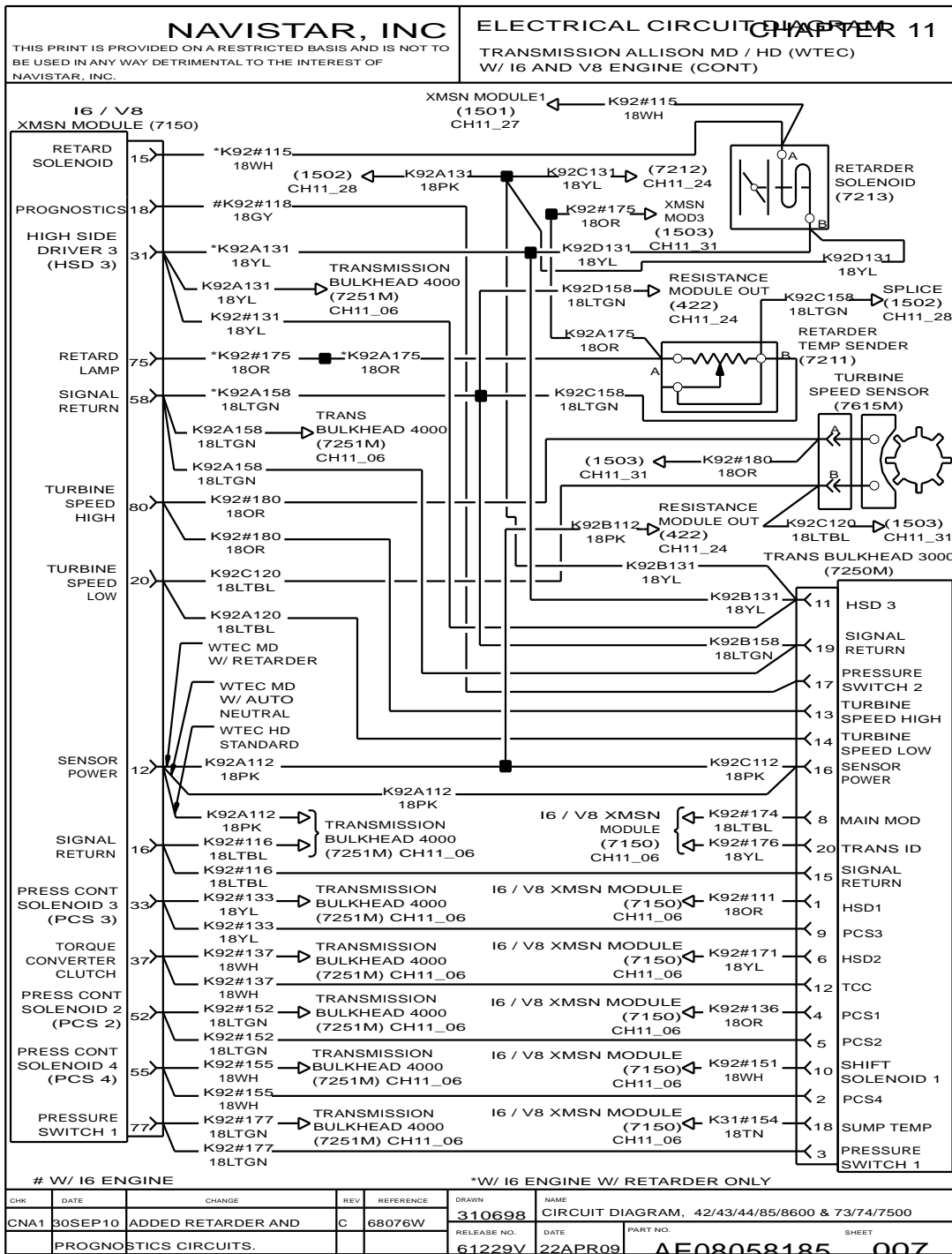


Figure 542 Transmission, Allison MD / HD (WTEC) with I6 and V8 Engines (Cont.)



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

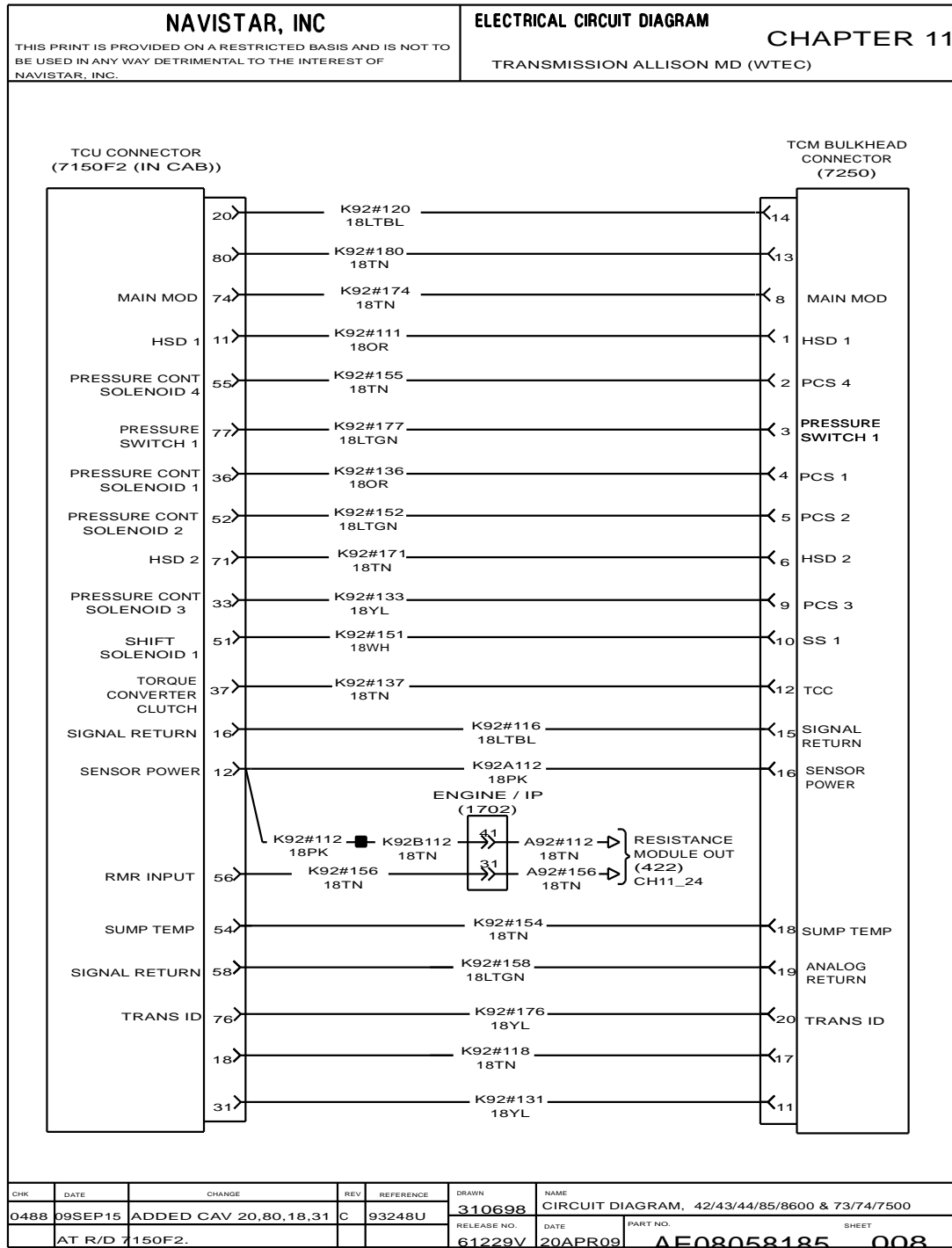


Figure 543 Transmission, Allison MD (WTEC)

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

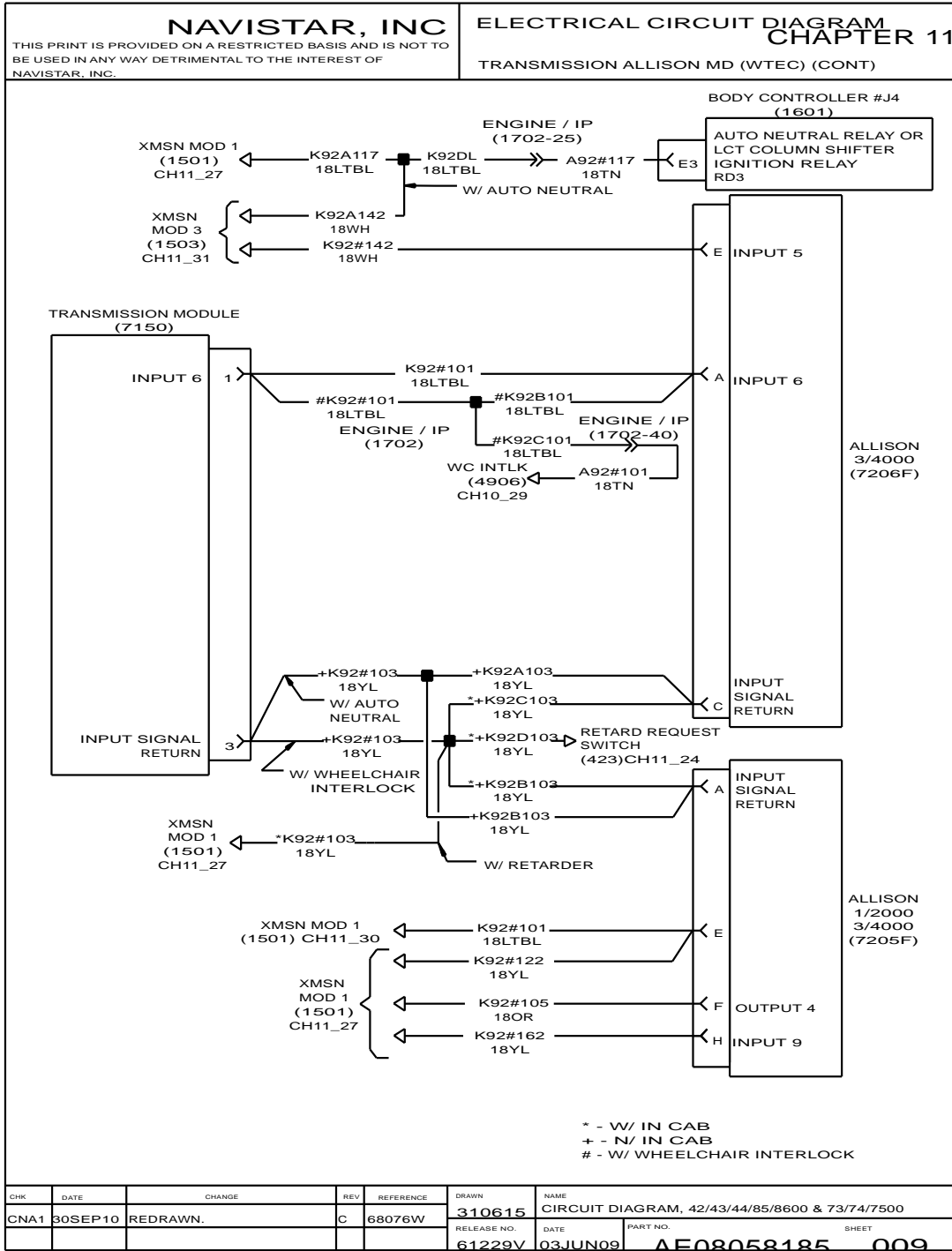


Figure 544 Transmission, Allison MD (WTEC) (Cont.)

11.13. EATON AUTOSHIFT, P. 10

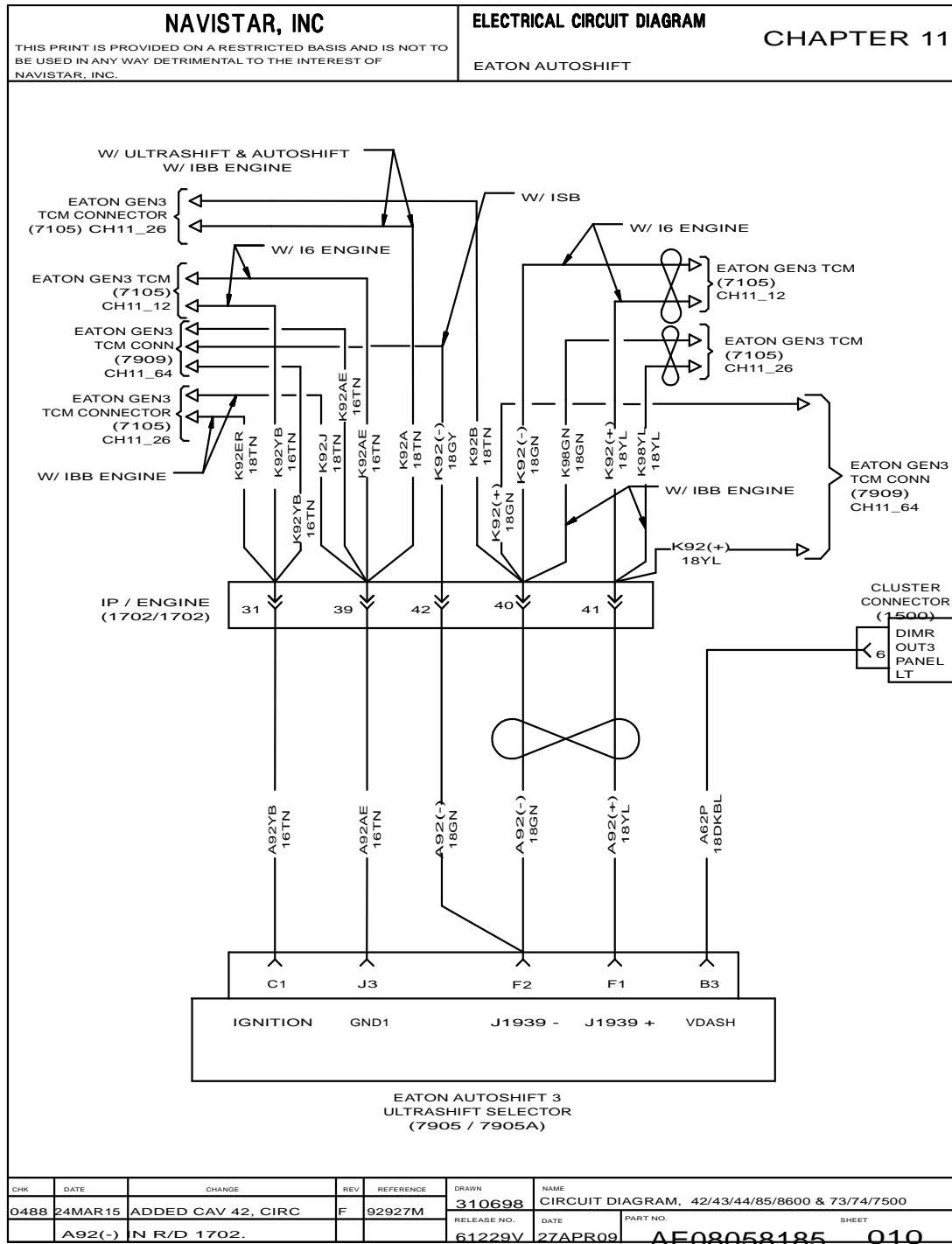


Figure 545 Eaton Autoshift

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

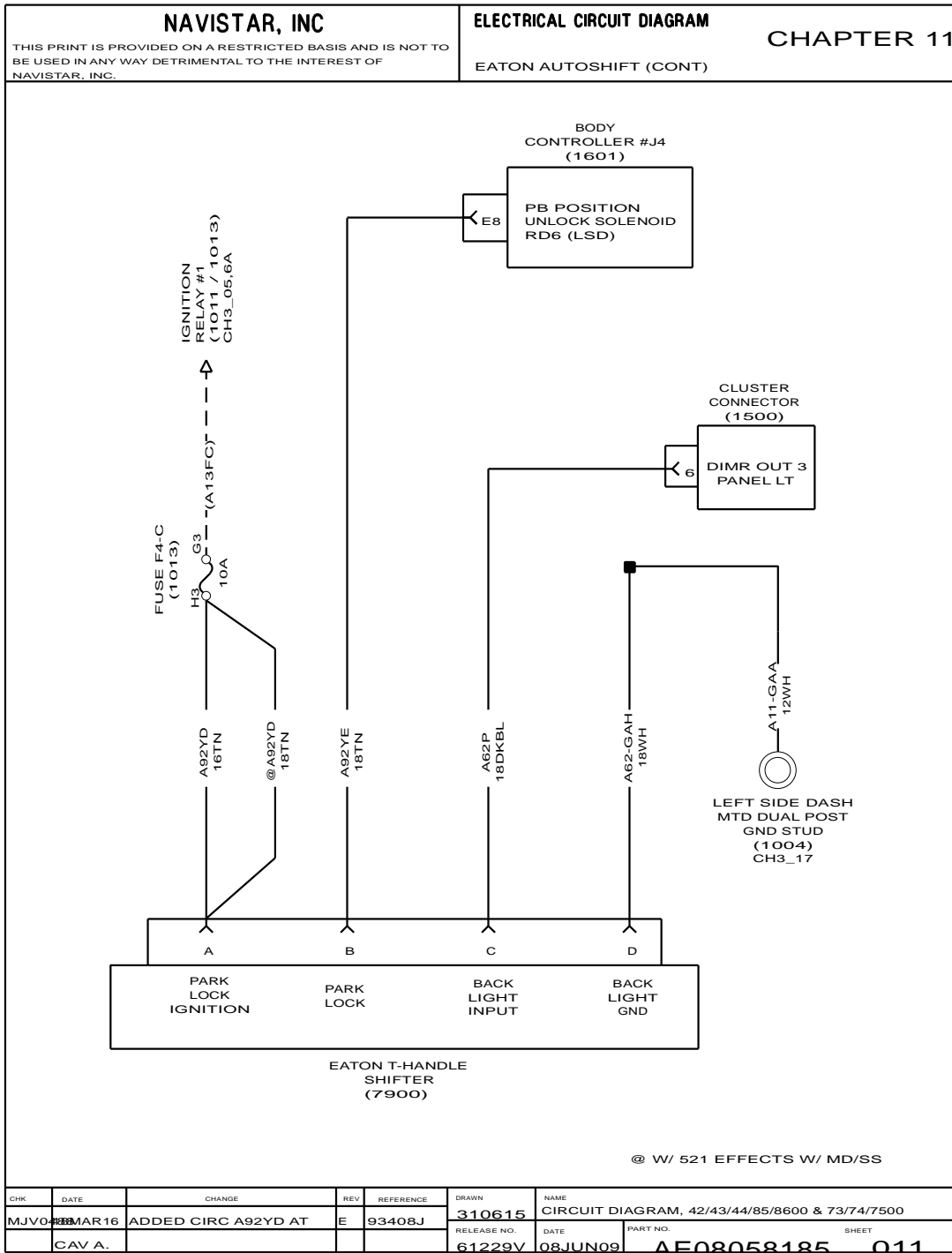


Figure 546 Eaton Autoshift (Cont.)

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

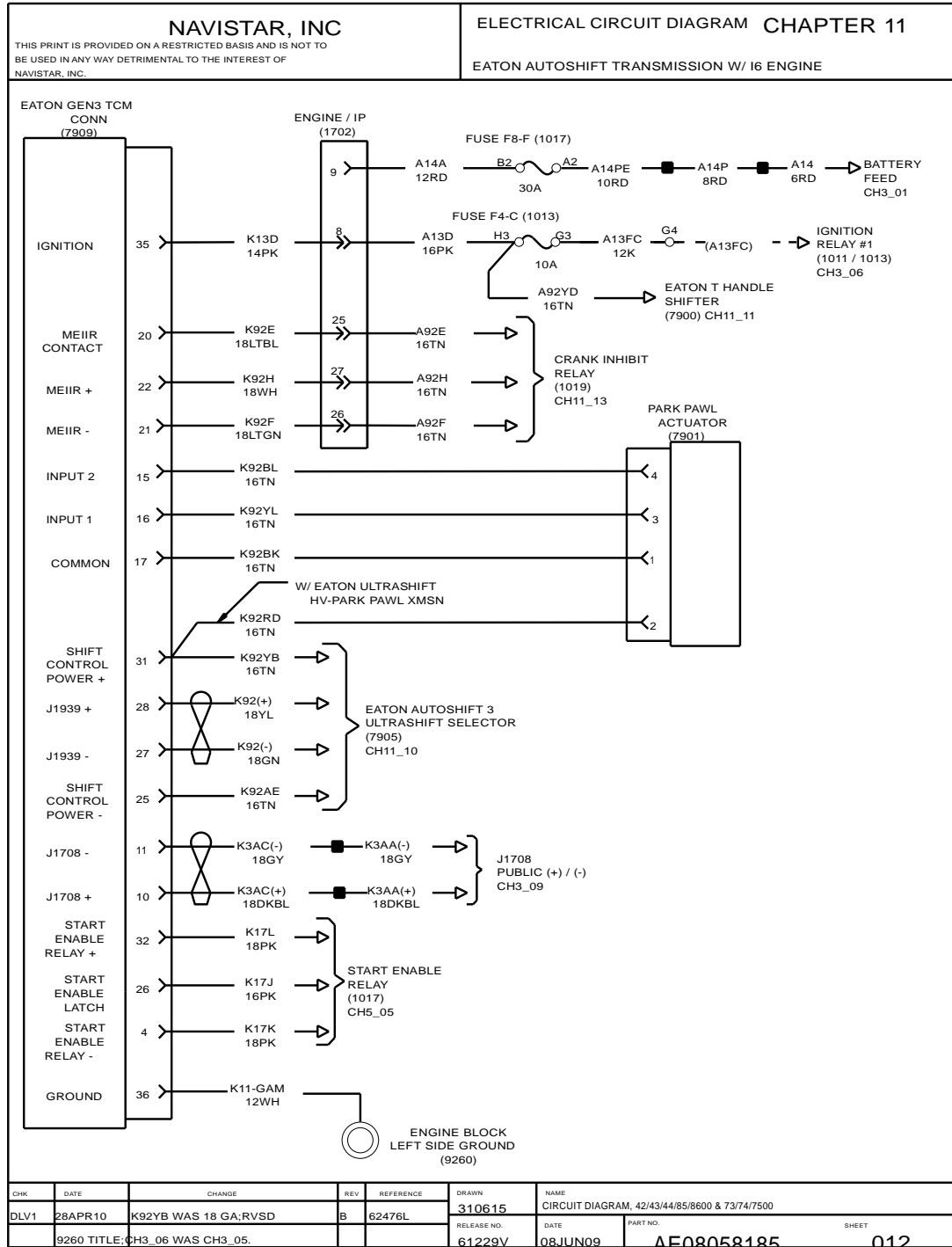


Figure 547 Eaton Autoshift Transmission with I6 Engine

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

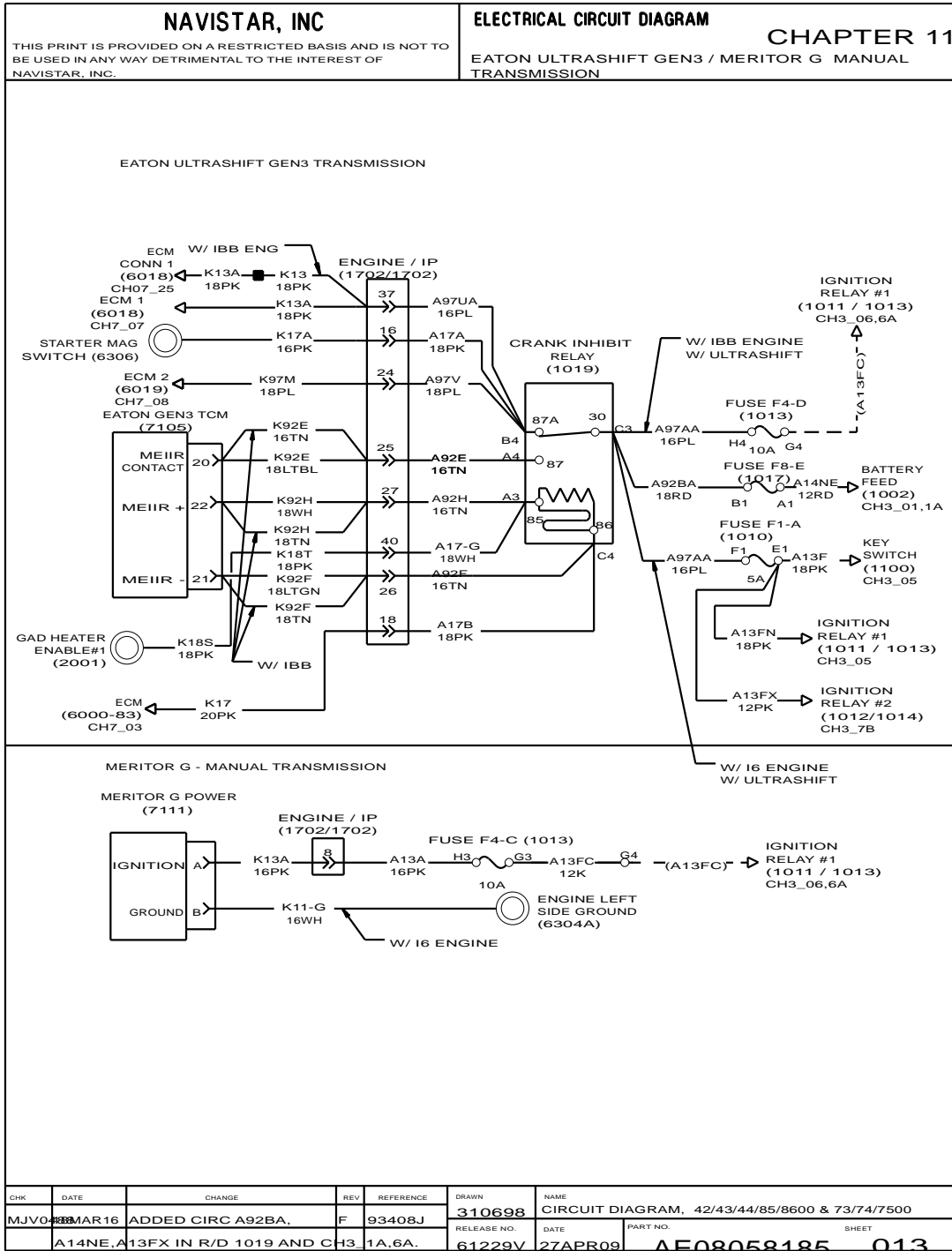


Figure 548 Eaton Ultrashift Gen 3 / Meritor G Manual Transmission

11.17. EATON HYBRID TRANSMISSION, P. 14

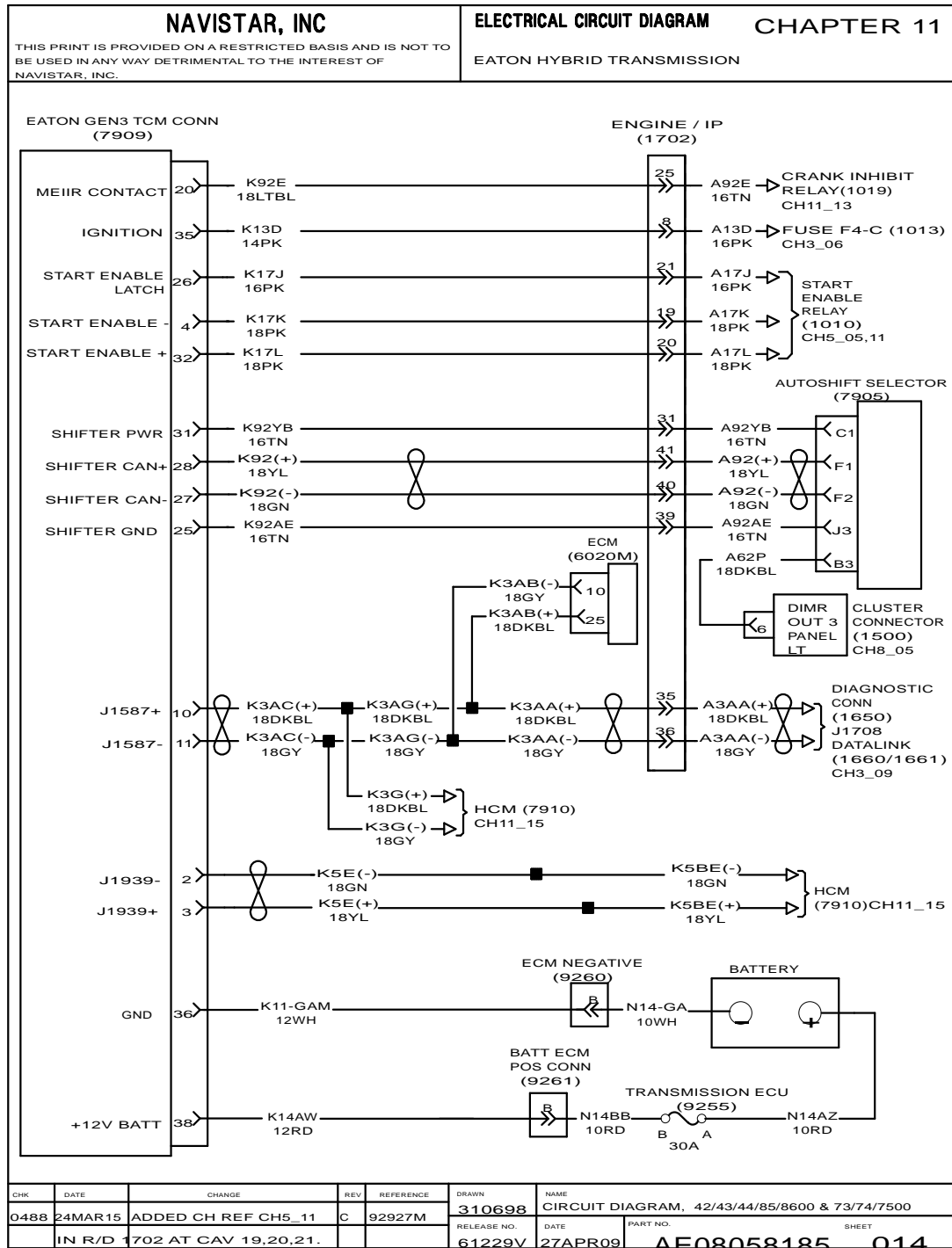


Figure 549 Eaton Hybrid Transmission

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0488	24MAR15	ADDED CH REF CH5_11	C	92927M	310698	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					61229V	27APR09
						PART NO.
						AE08058185
						SHEET
						014

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

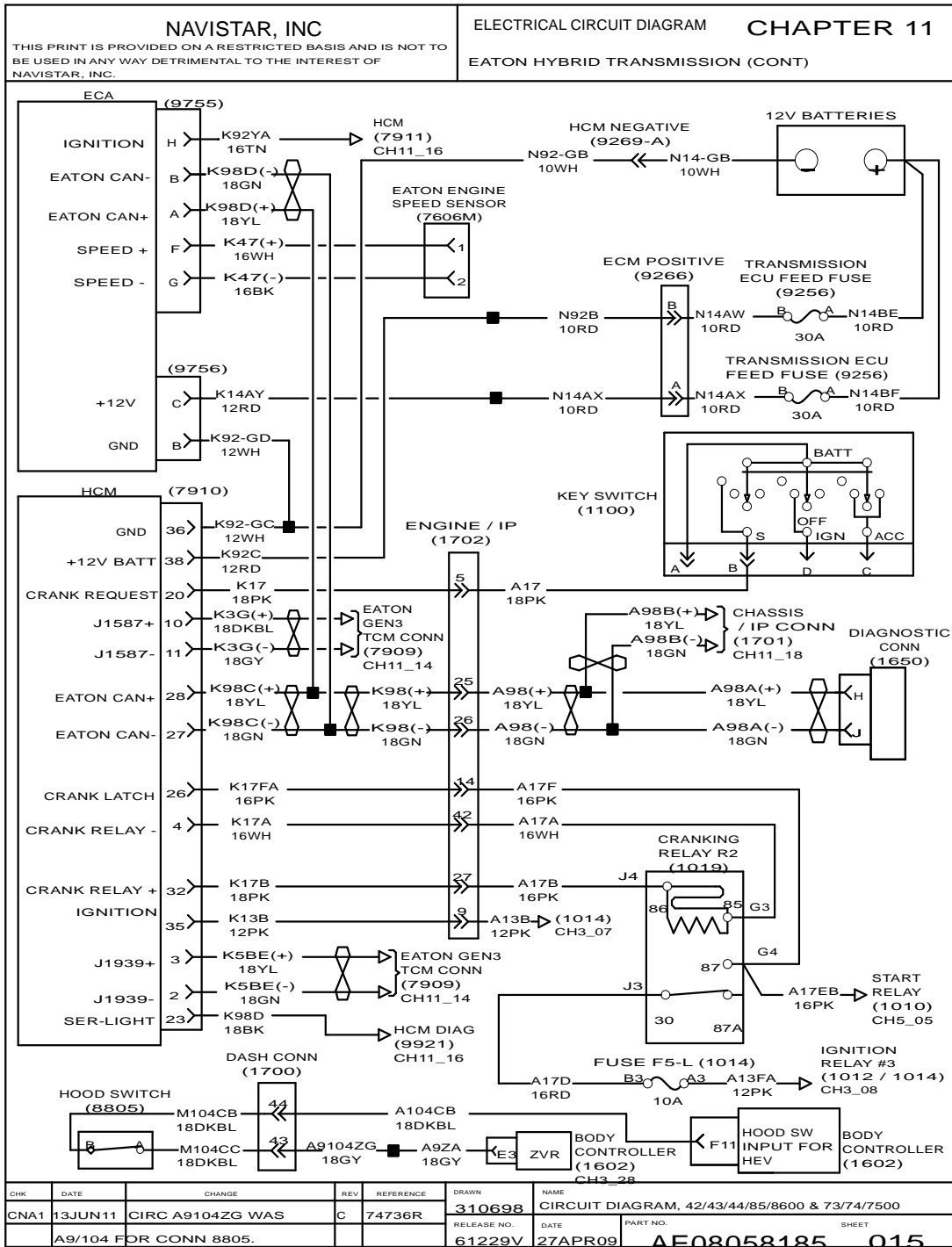


Figure 550 Eaton Hybrid Transmission (Cont.)



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

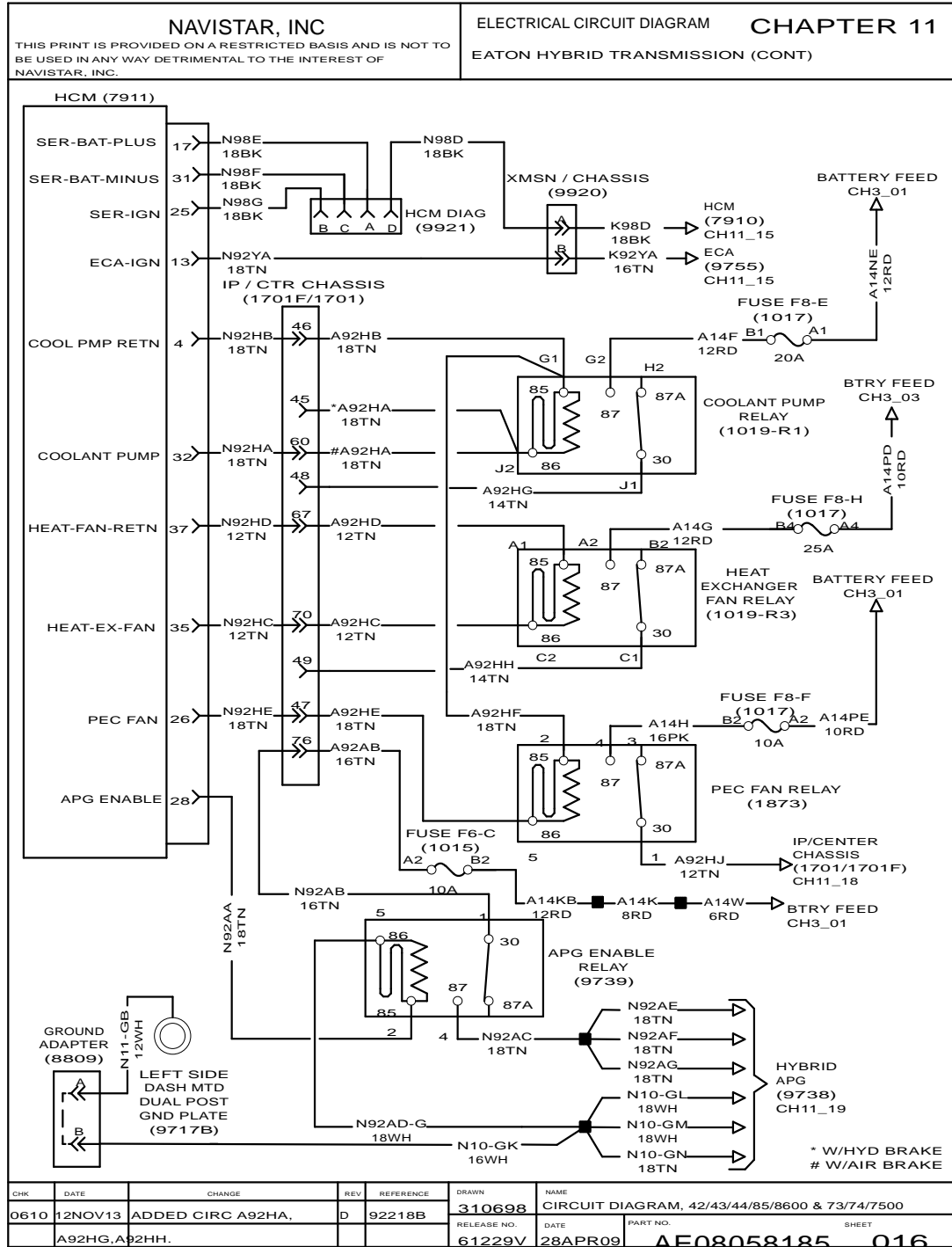


Figure 551 Eaton Hybrid Transmission (Cont.)

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

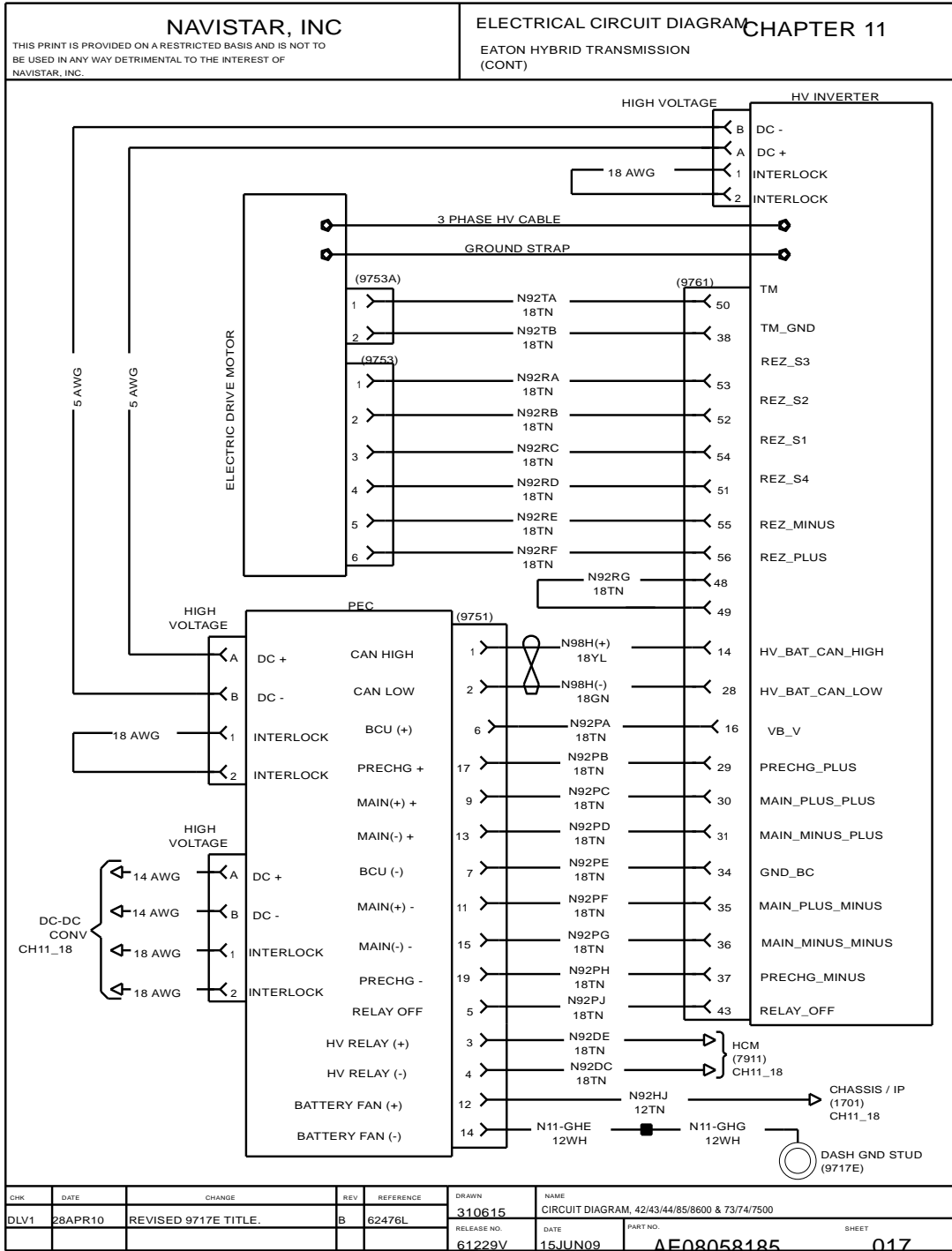


Figure 552 Eaton Hybrid Transmission (Cont.)



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

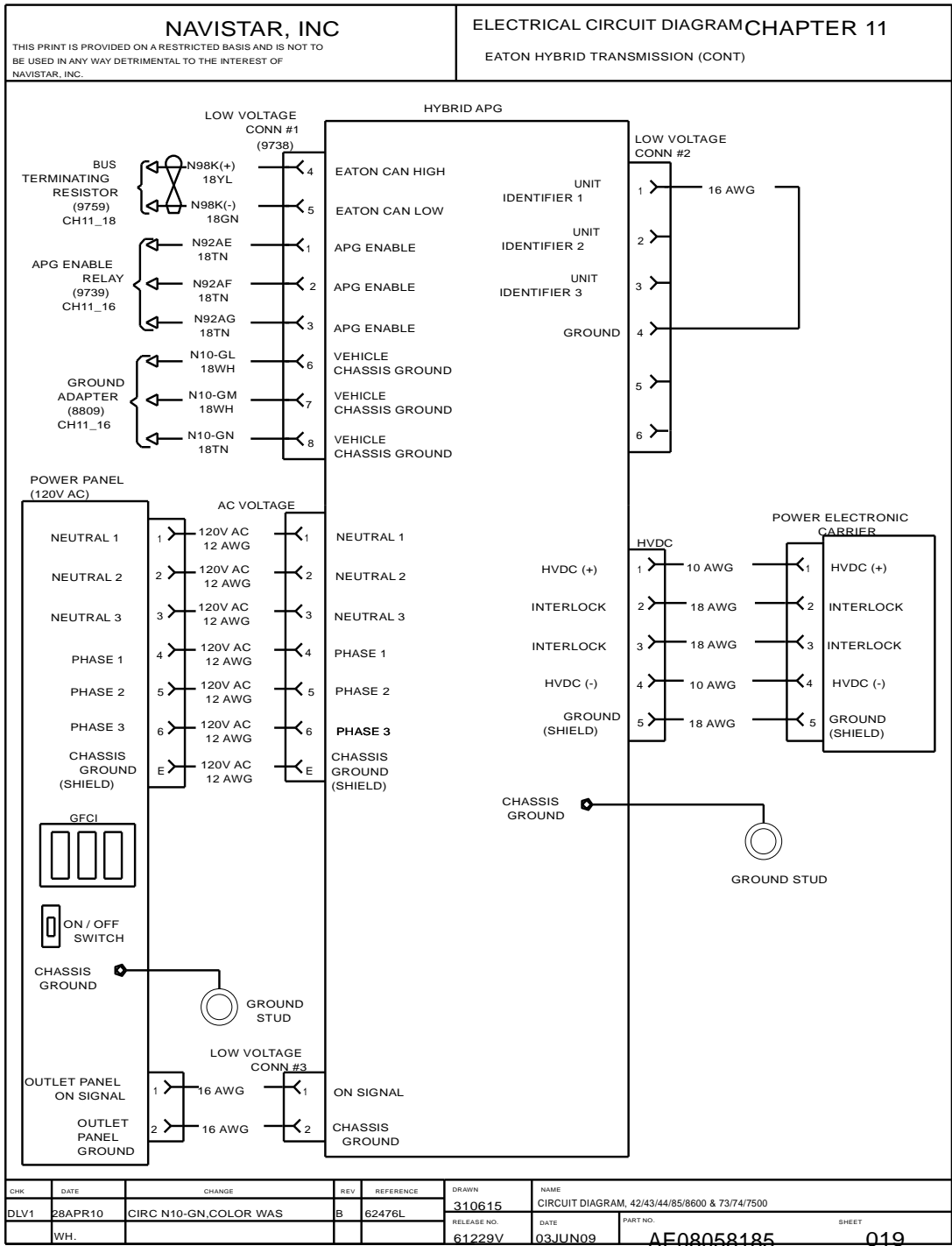


Figure 554 Eaton Hybrid Transmission (Cont.)

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

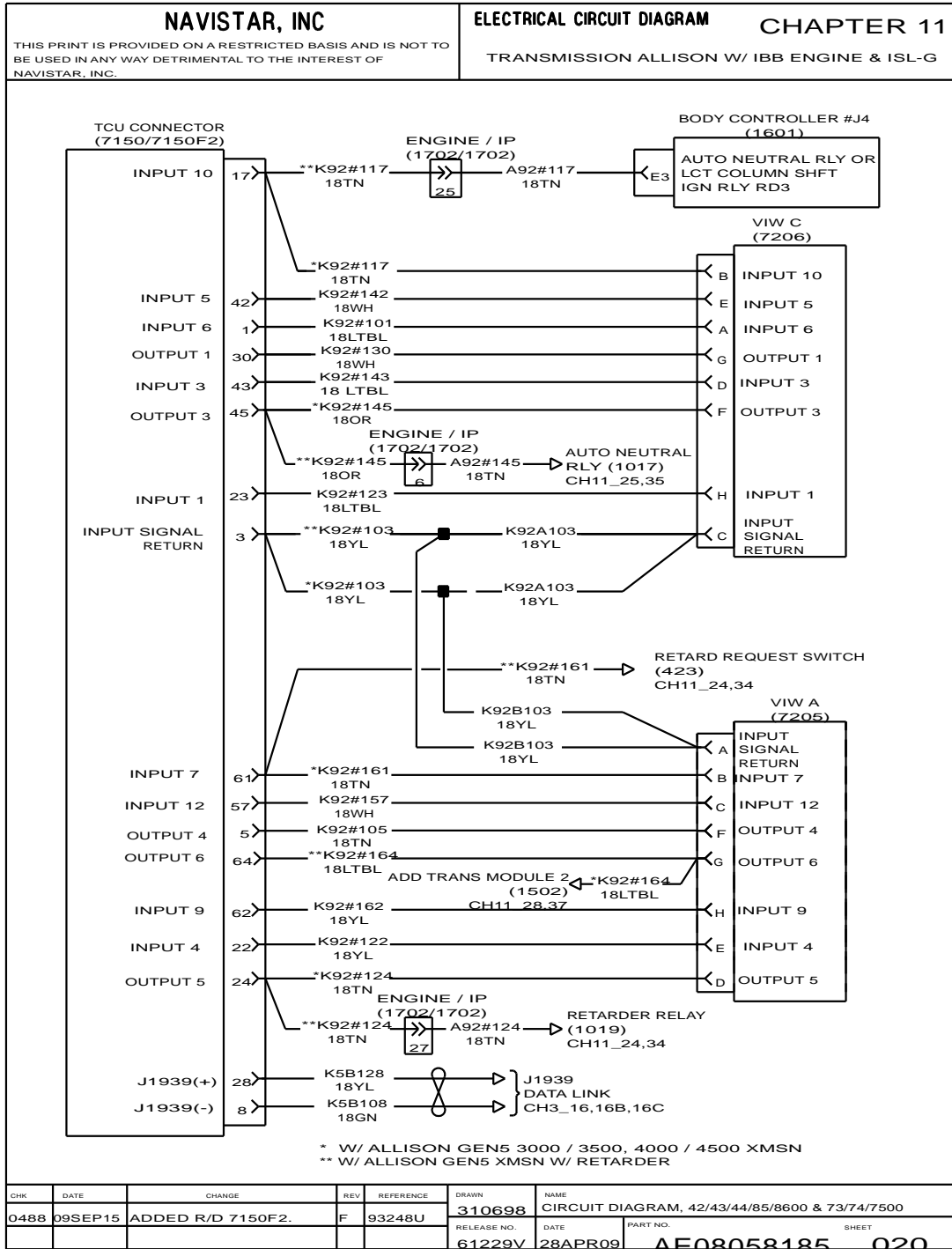


Figure 555 Transmission Allison with IBB Engine and ISL-G

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

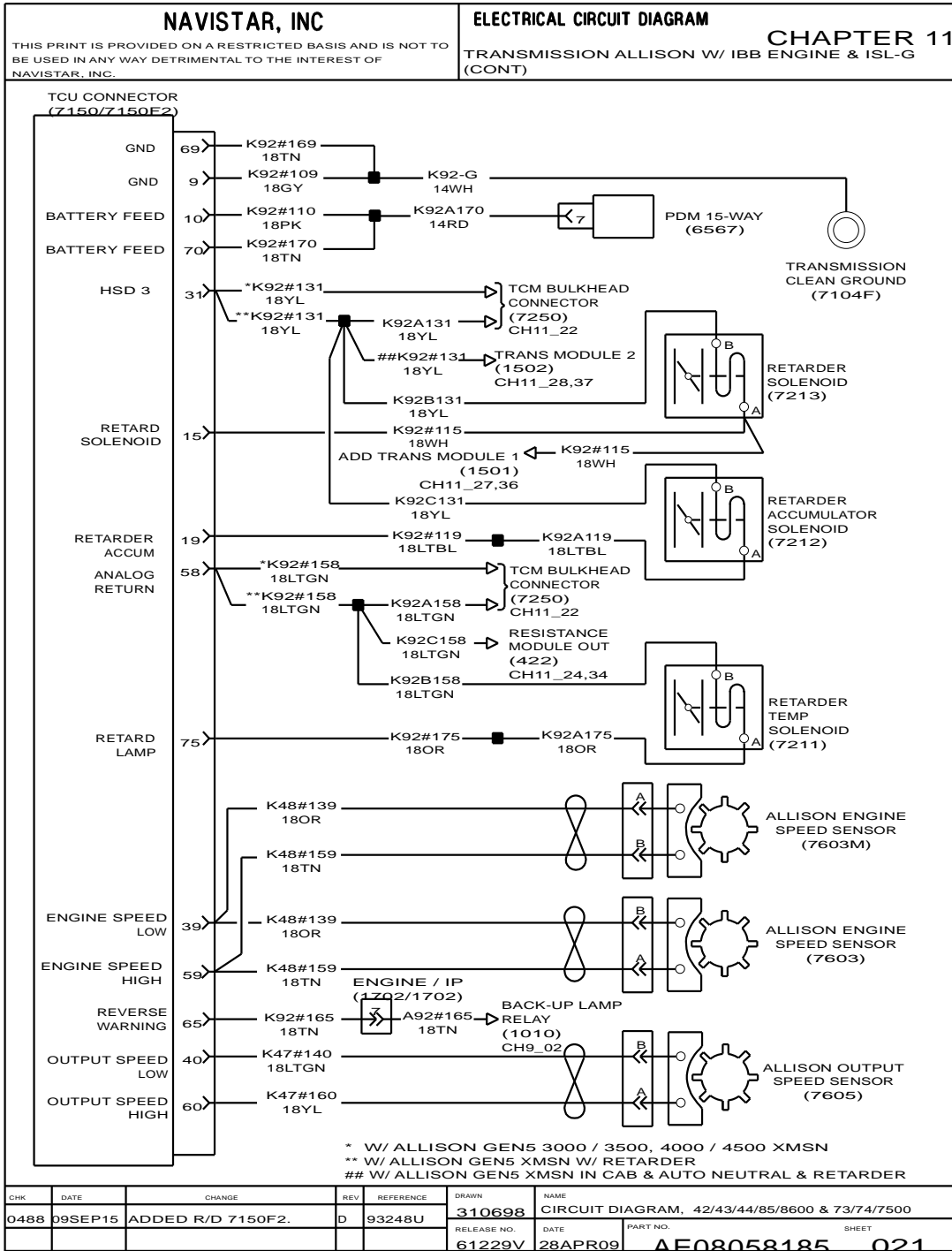


Figure 556 Transmission Allison with IBB Engine and ISL-G (Cont.)

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

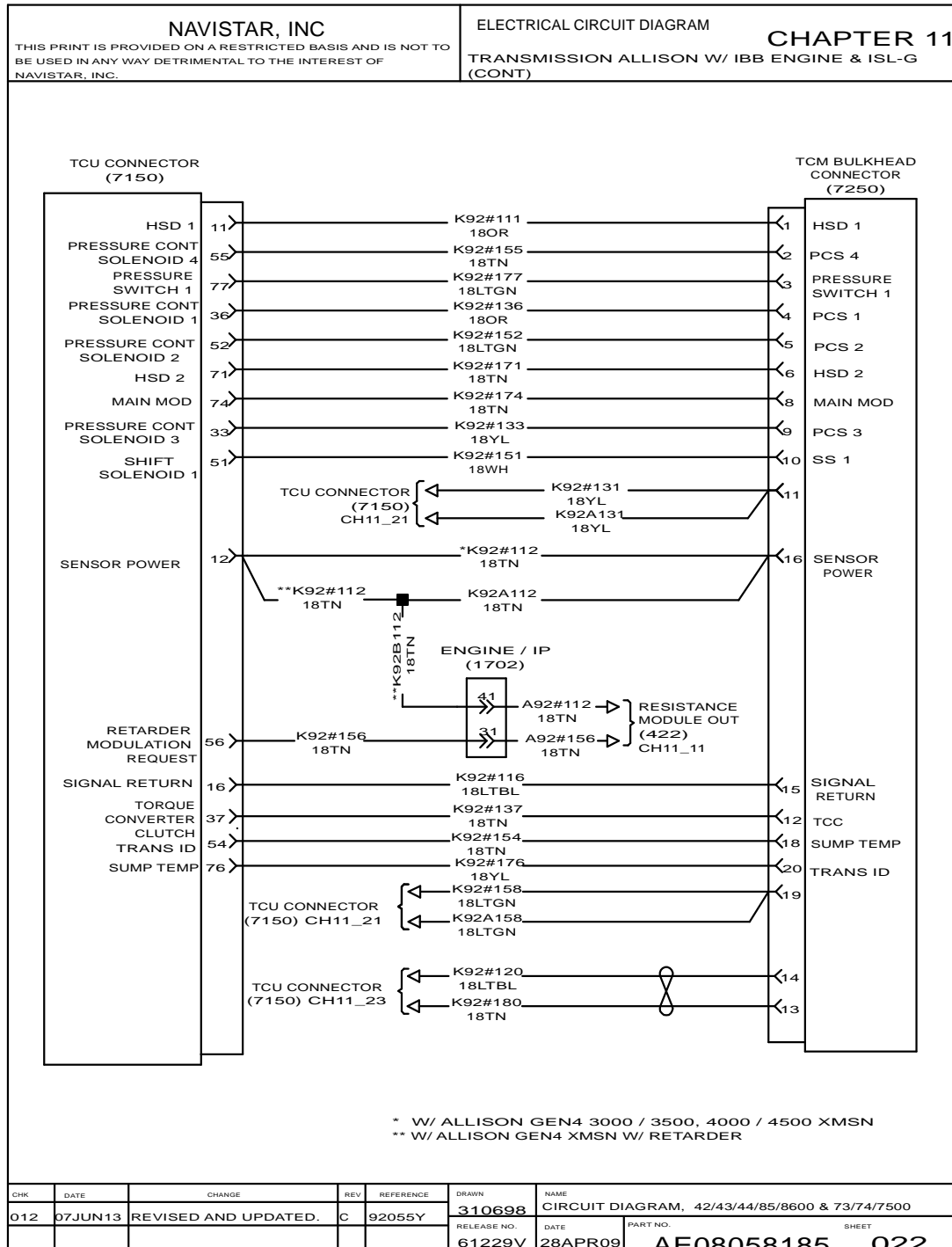


Figure 557 Transmission Allison with IBB Engine and ISL-G (Cont.)

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

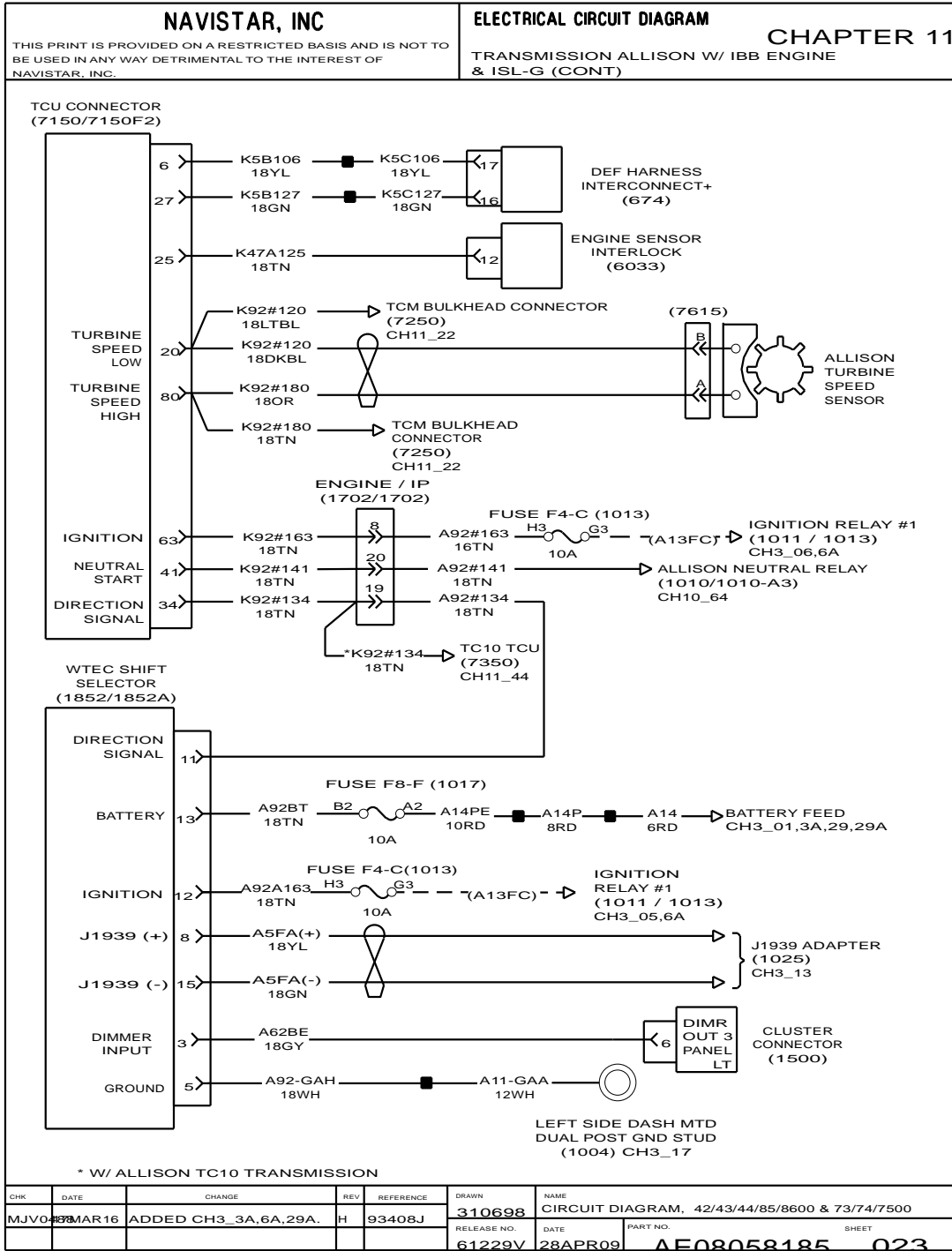


Figure 558 Transmission Allison with IBB Engine and ISL-G (Cont.)



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

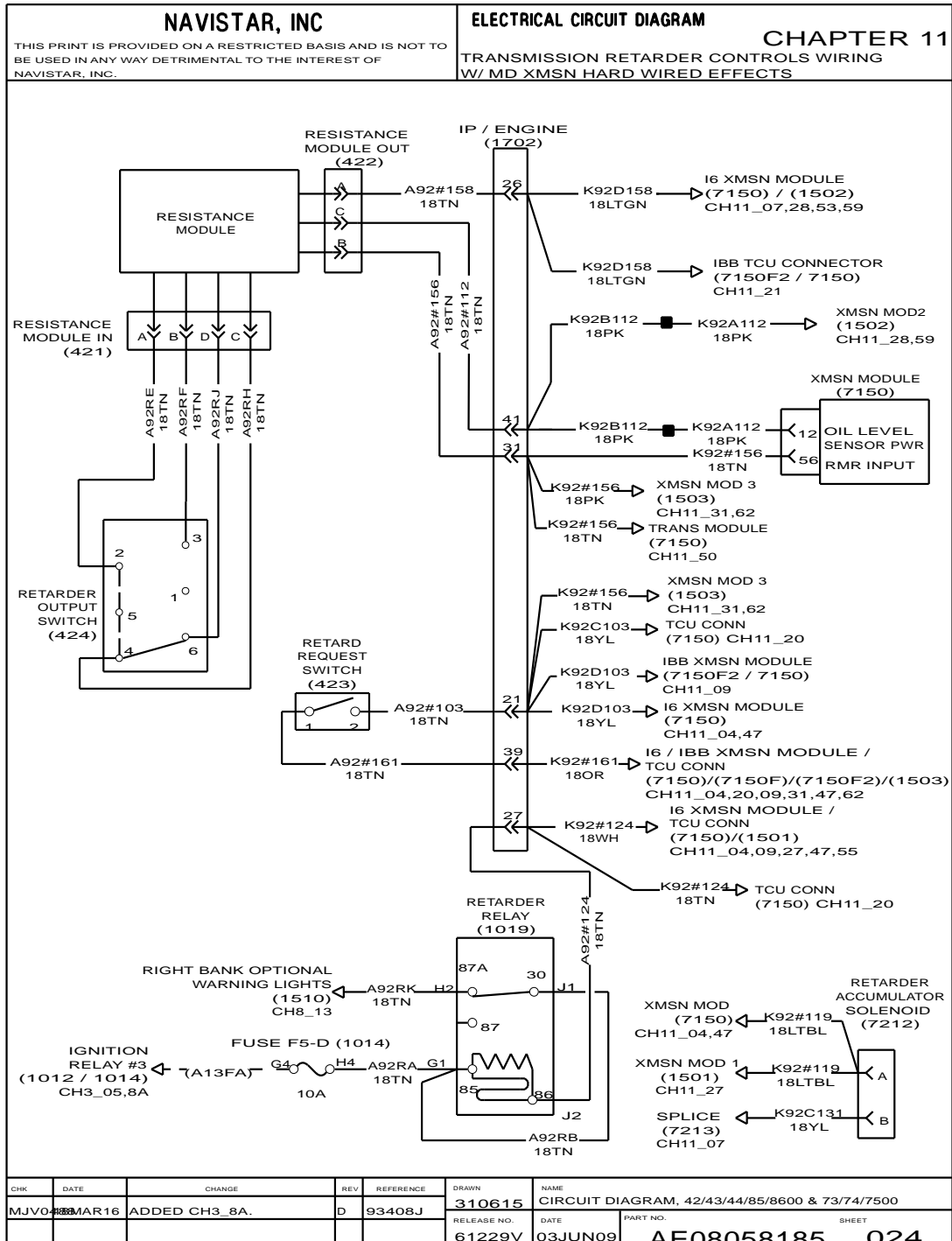


Figure 559 Transmission Retarder Controls Wiring with MD Transmission Hard Wired Effects



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

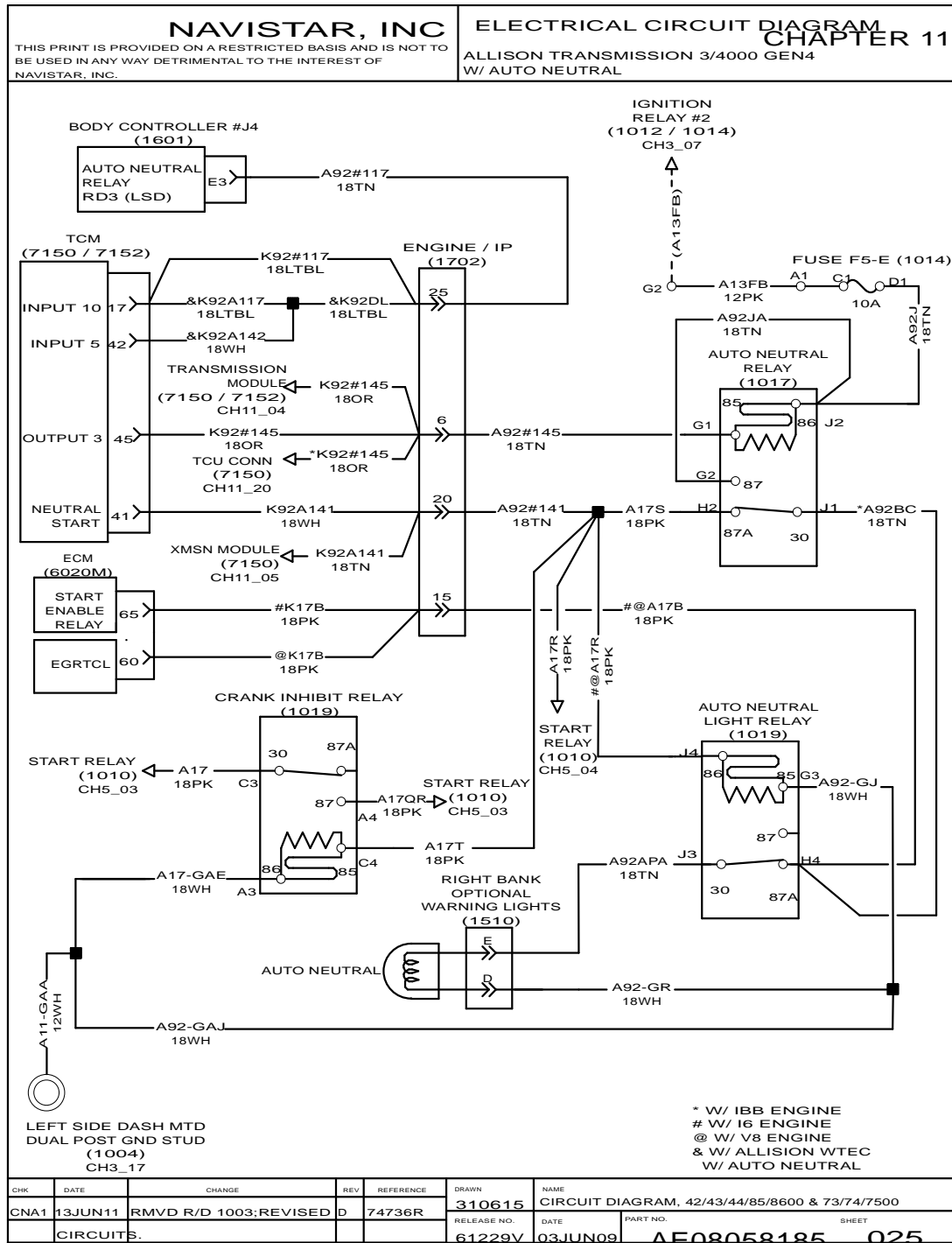


Figure 561 Allison Transmission 3 / 4000 Gen 4 with Auto Neutral

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

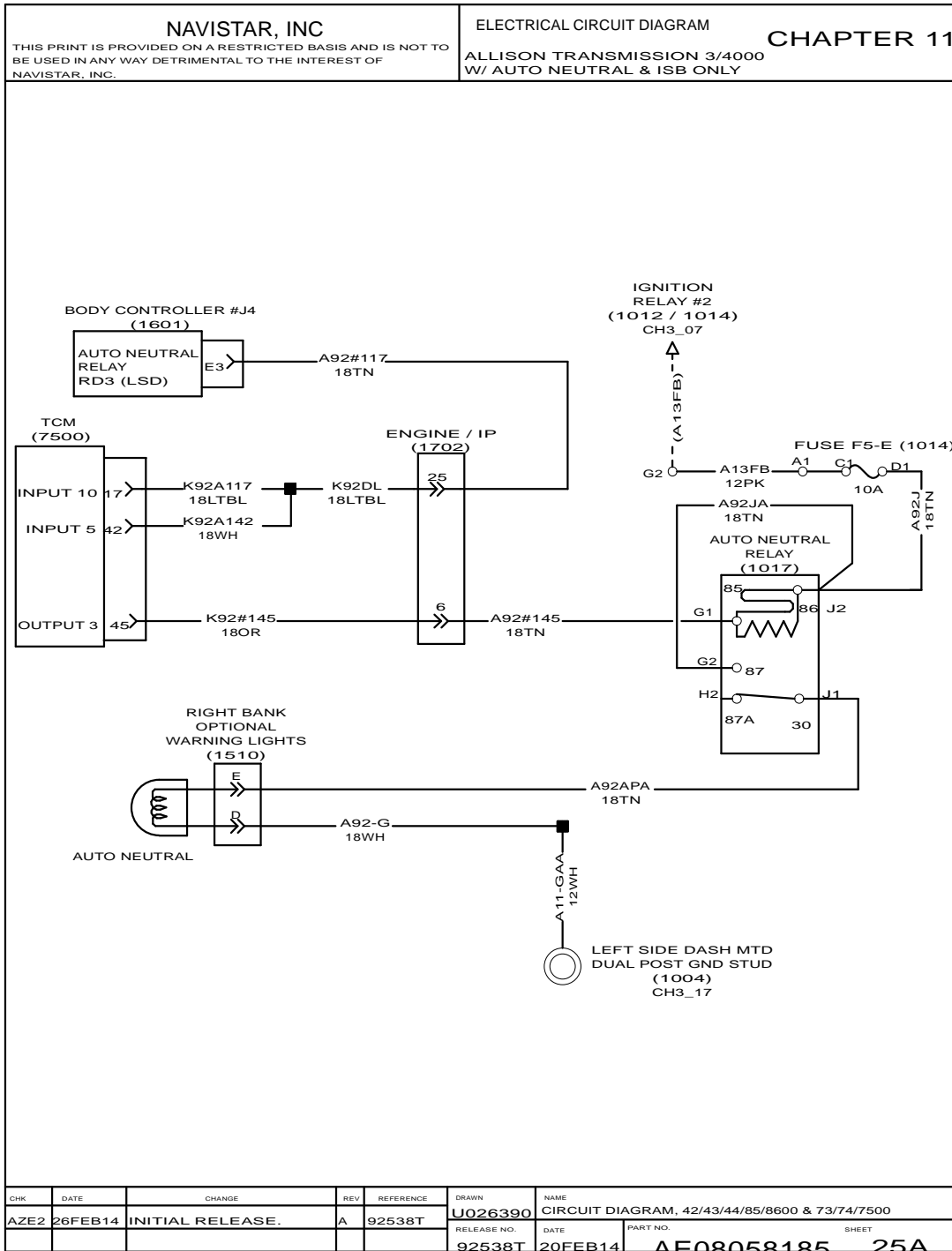


Figure 562 Allison Transmission 3 / 4000 Gen 4 with Auto Neutral and ISB Only

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

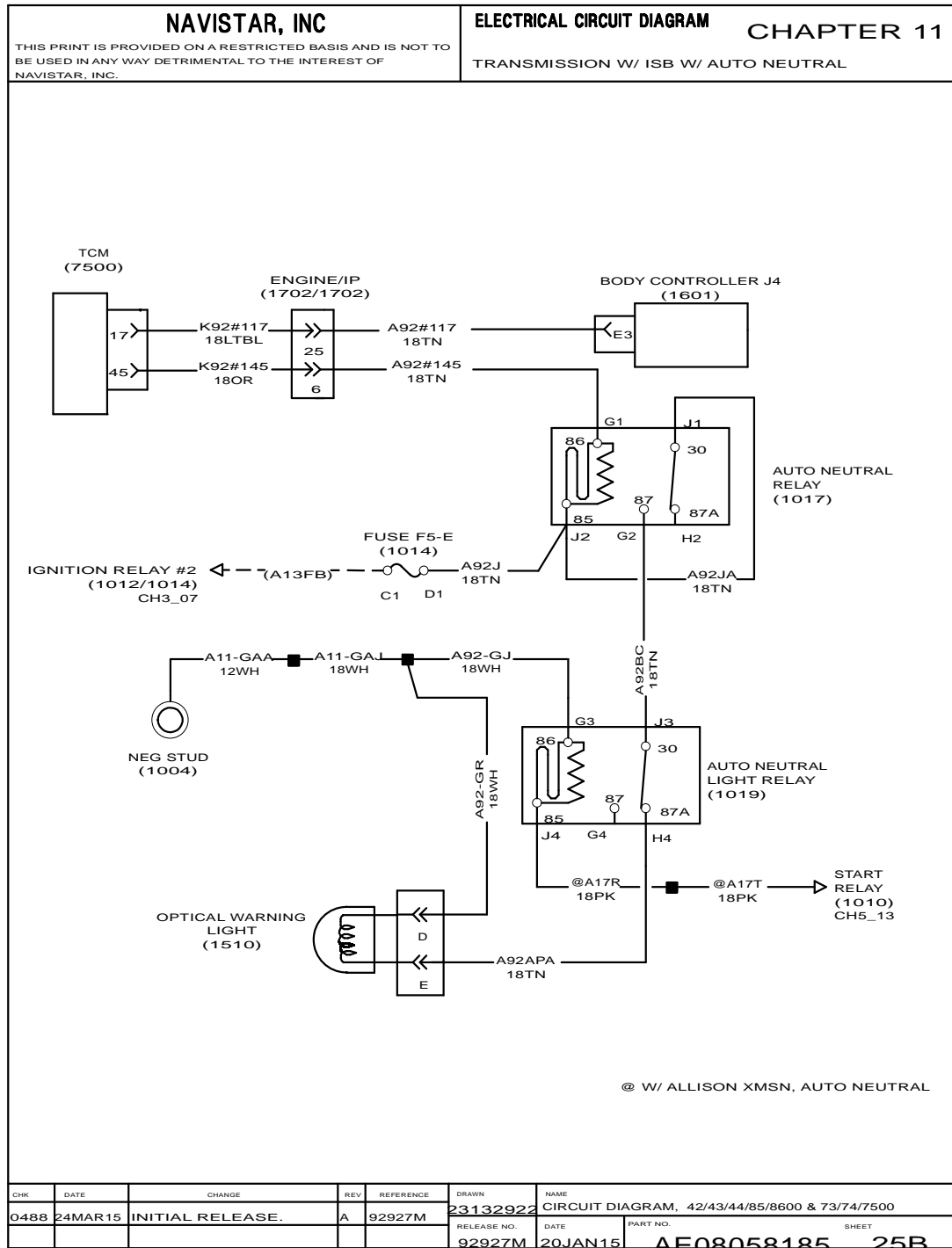


Figure 563 Transmission with ISB with Auto Neutral



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

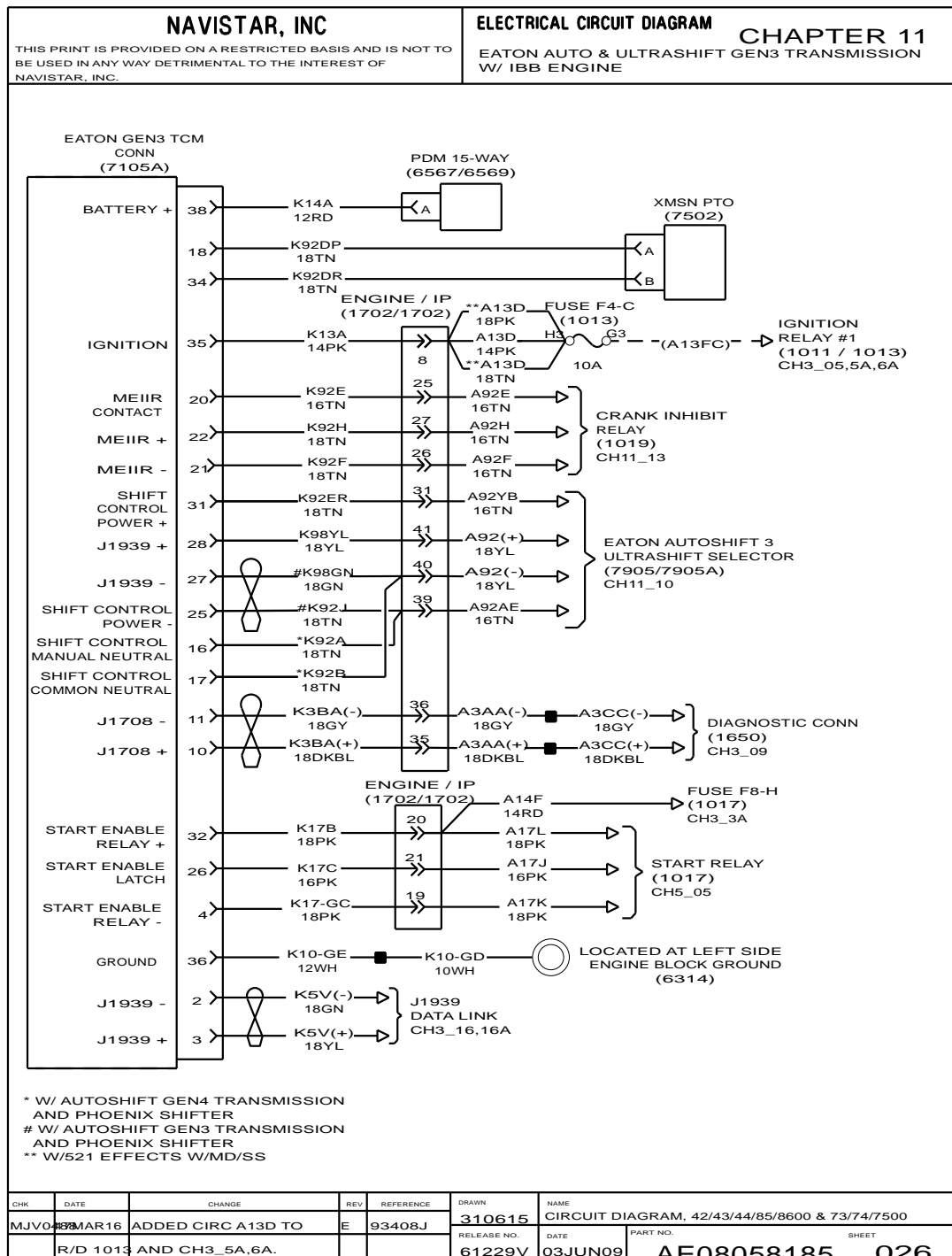


Figure 565 Eaton Auto and Ultrashift Gen 3 Transmission with IBB Engine

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

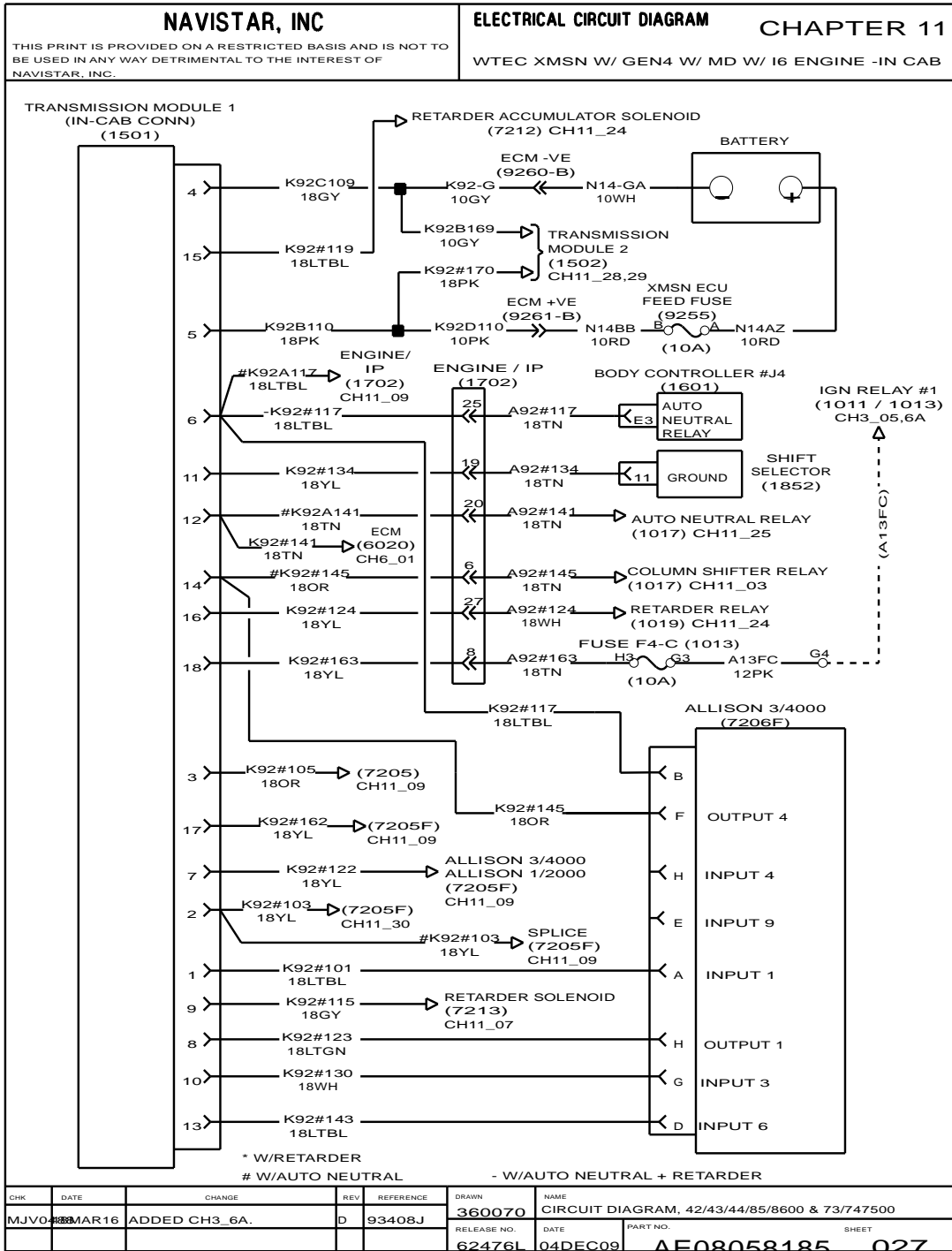


Figure 566 WTEC Transmission with Gen4 with MD with I6 Engine – In Cab



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

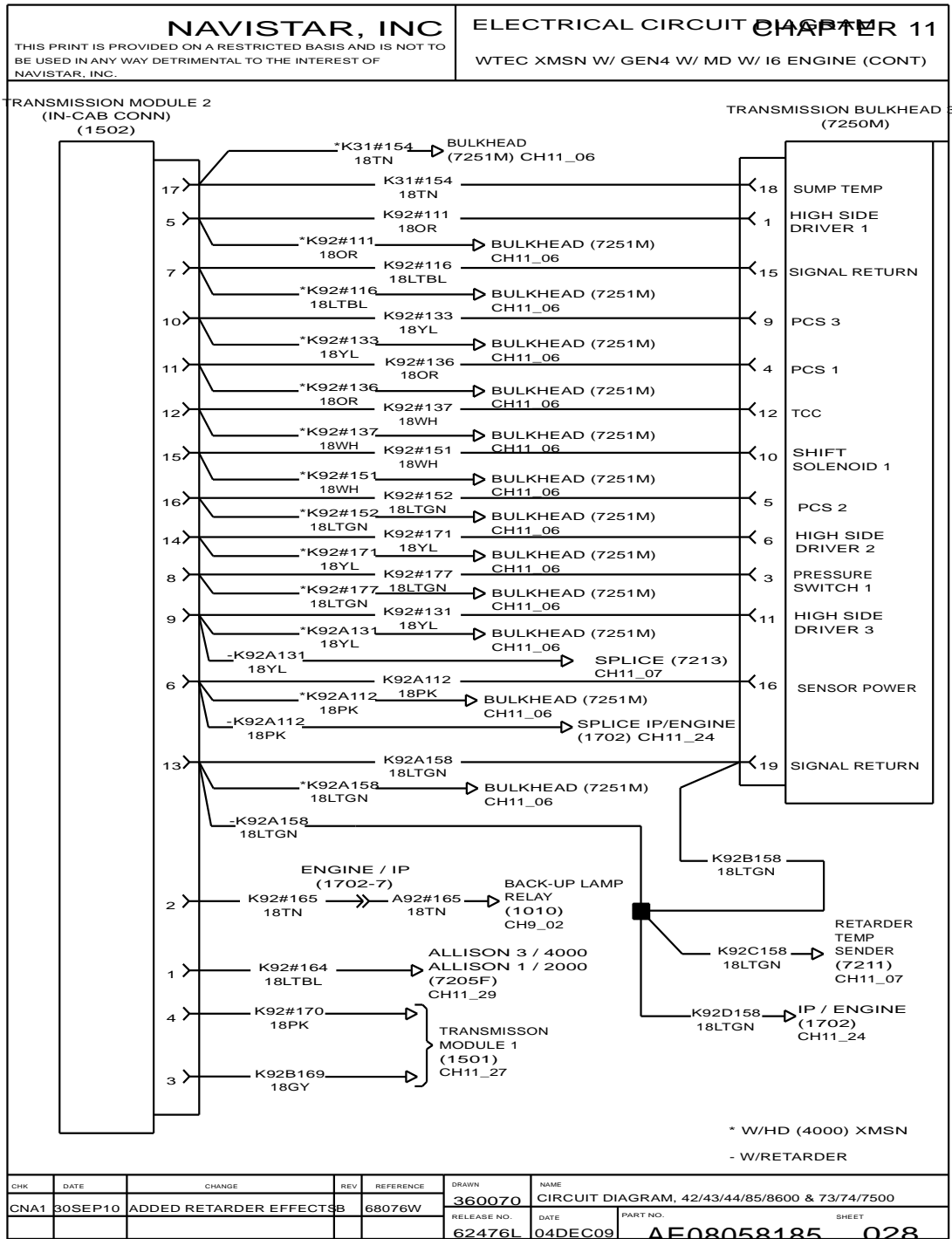


Figure 567 WTEC Transmission with Gen4 with MD with I6 Engine (Cont.)

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

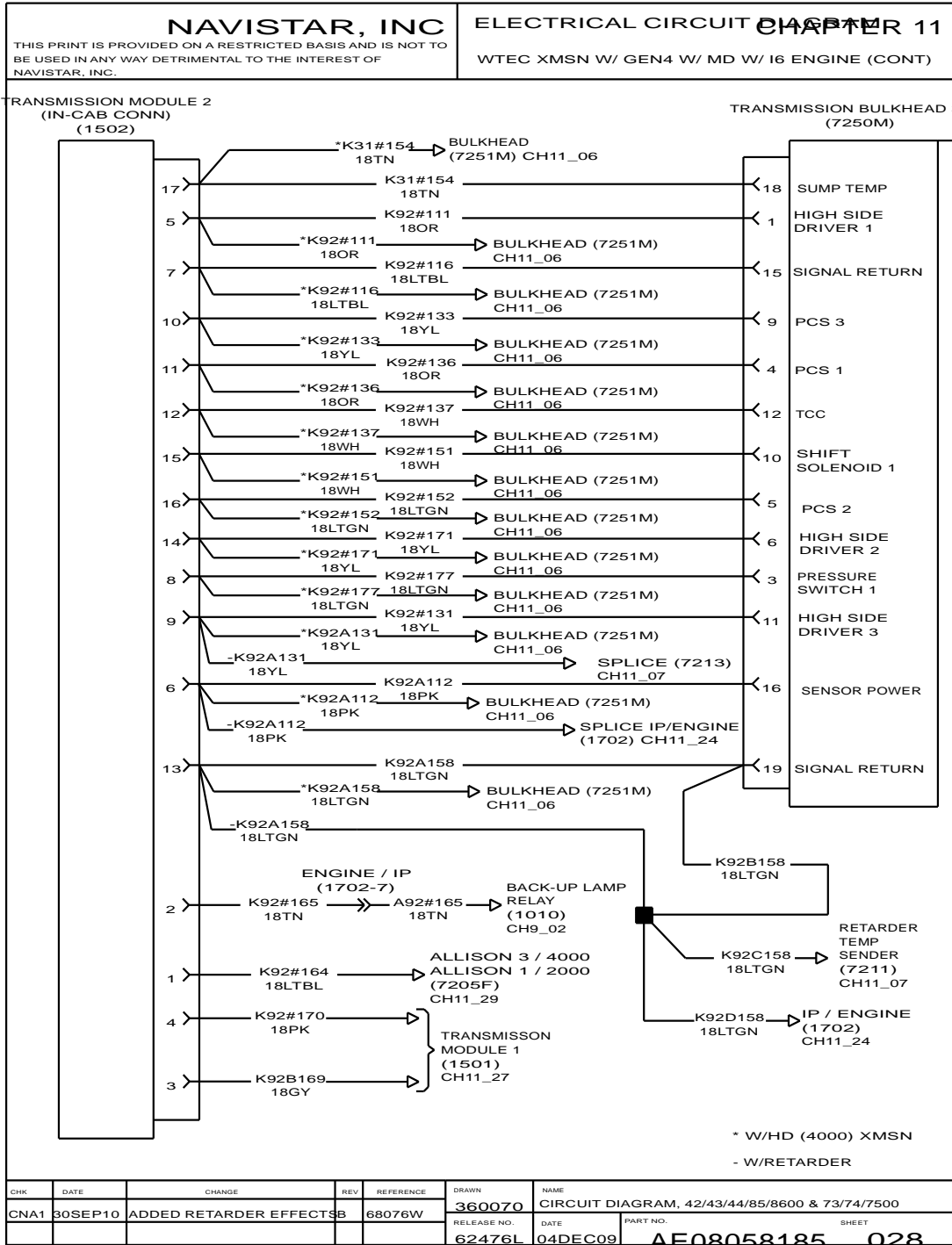


Figure 568 WTEC Transmission with Gen4 with MD with I6 Engine (Cont.)

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

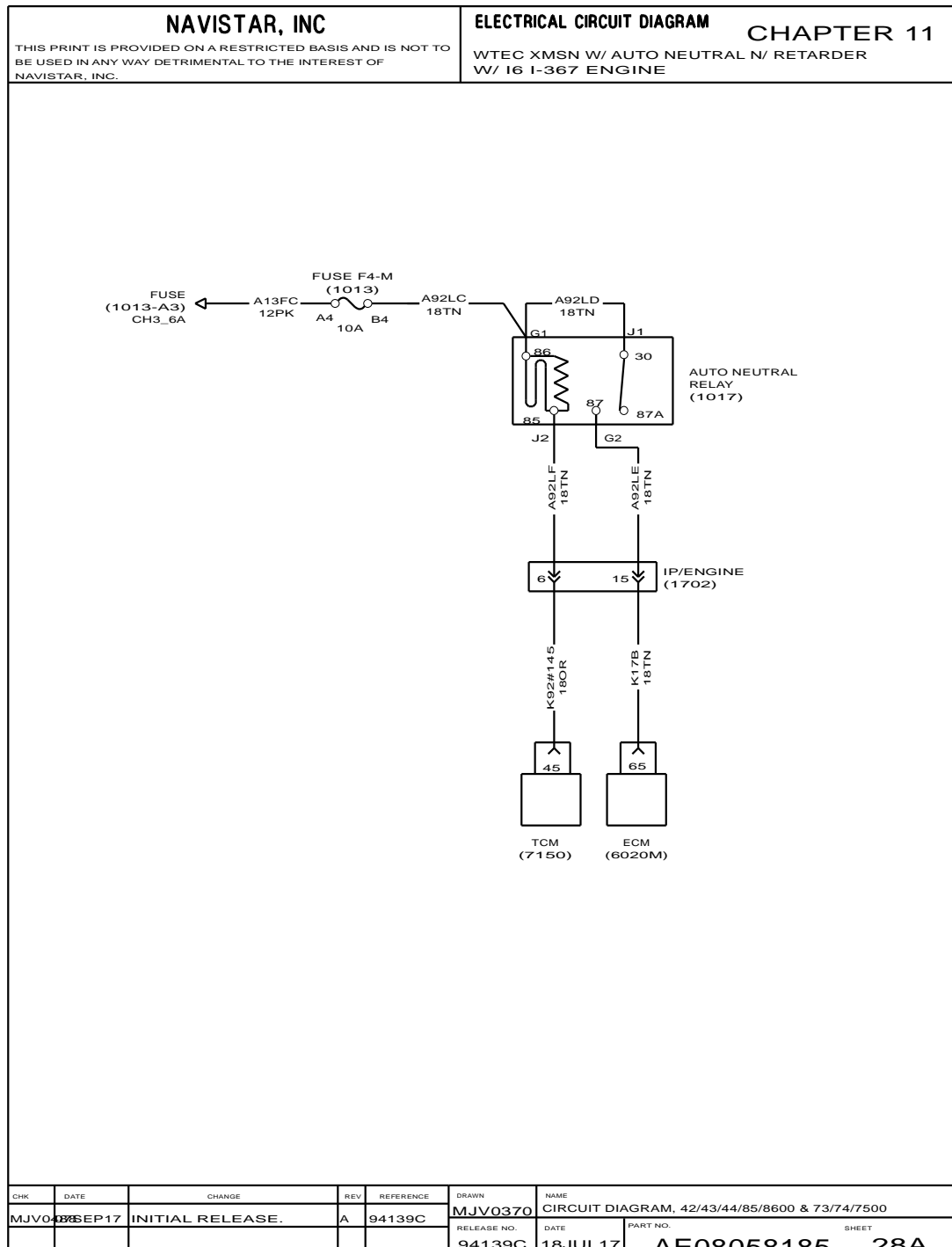


Figure 569 WTEC Transmission with Auto Neutral No Retarder with I6 I 367

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

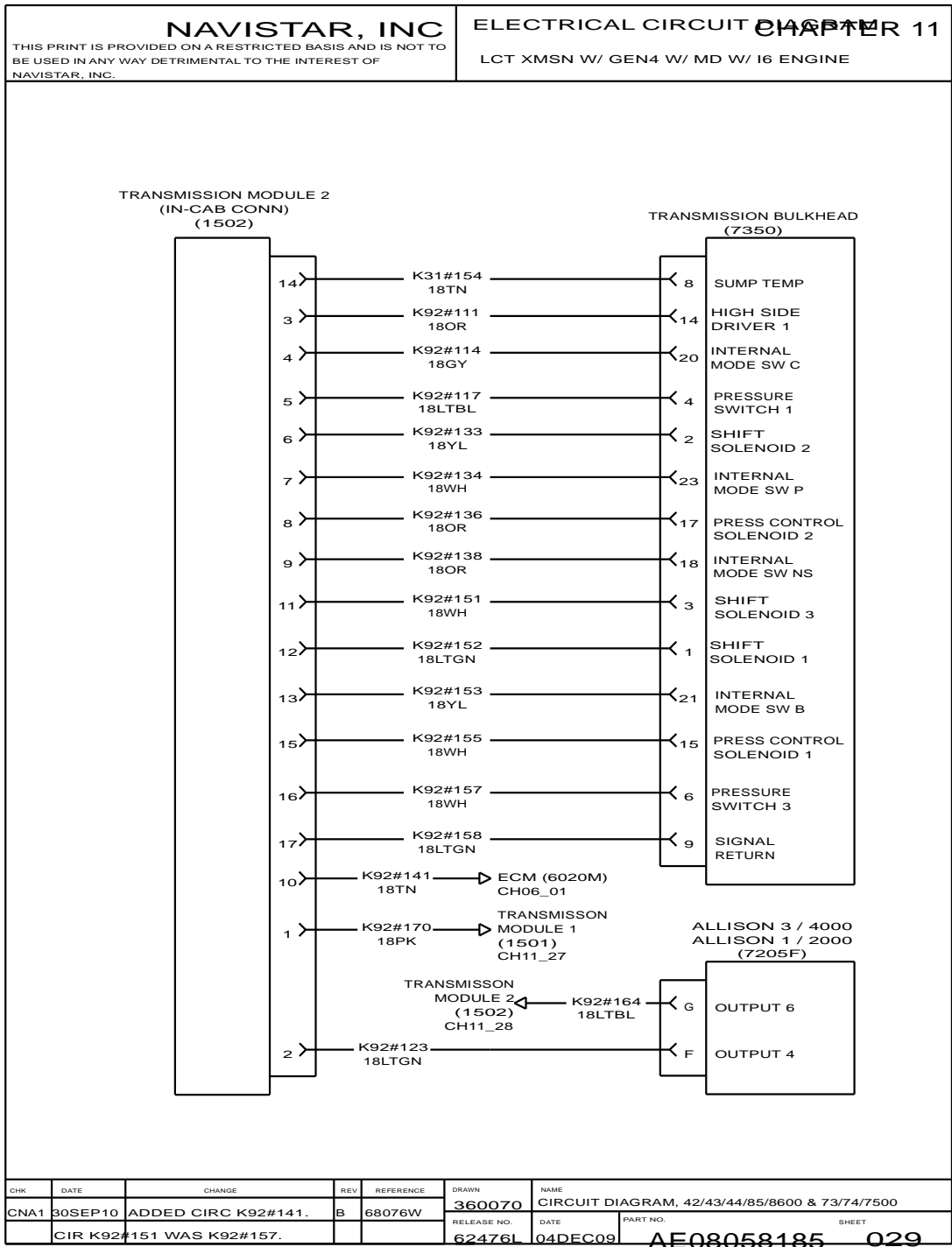


Figure 570 LCT Transmission with Gen4 with MD with I6 Engine

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

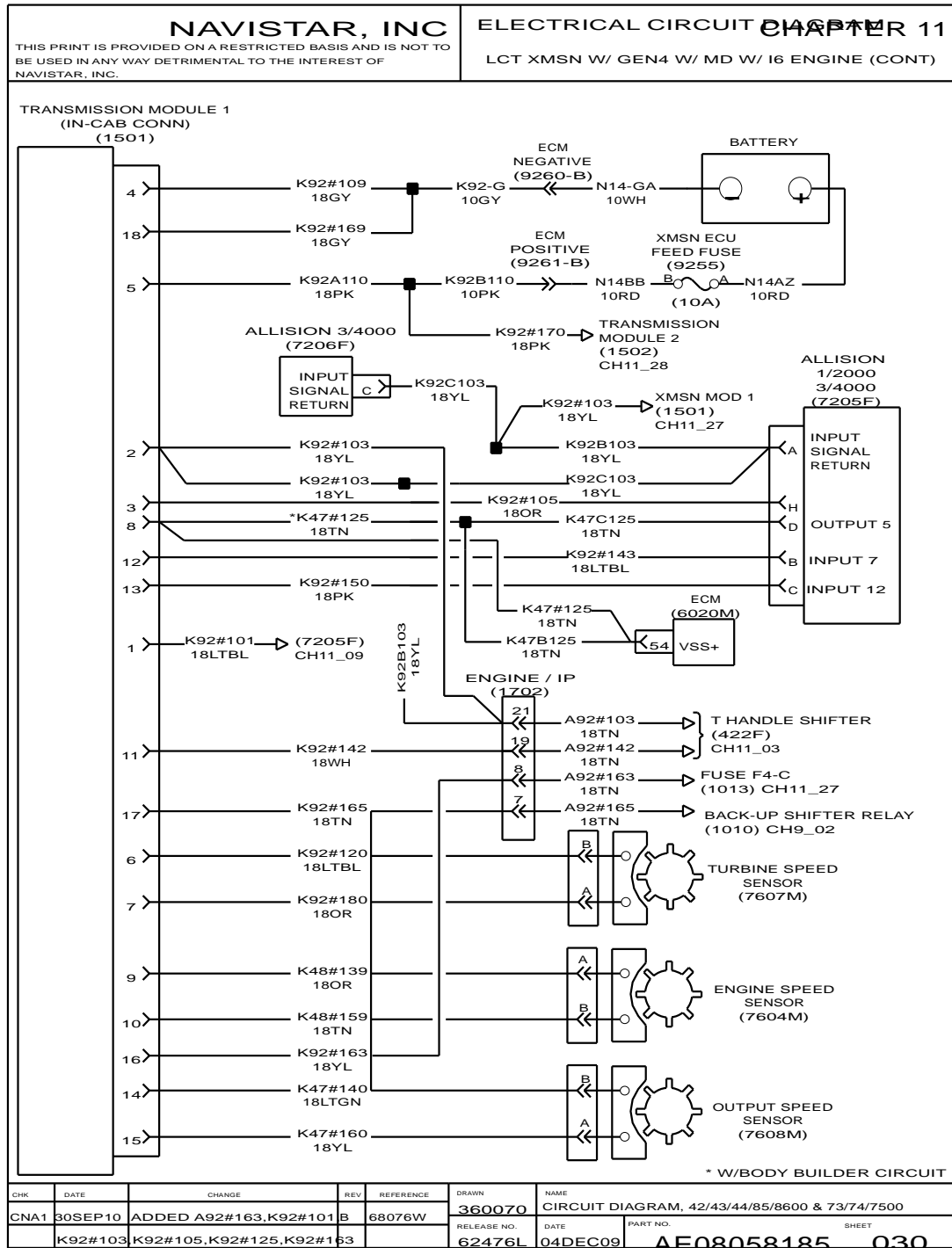


Figure 571 LCT Transmission with Gen4 with MD with I6 Engine (Cont.)

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

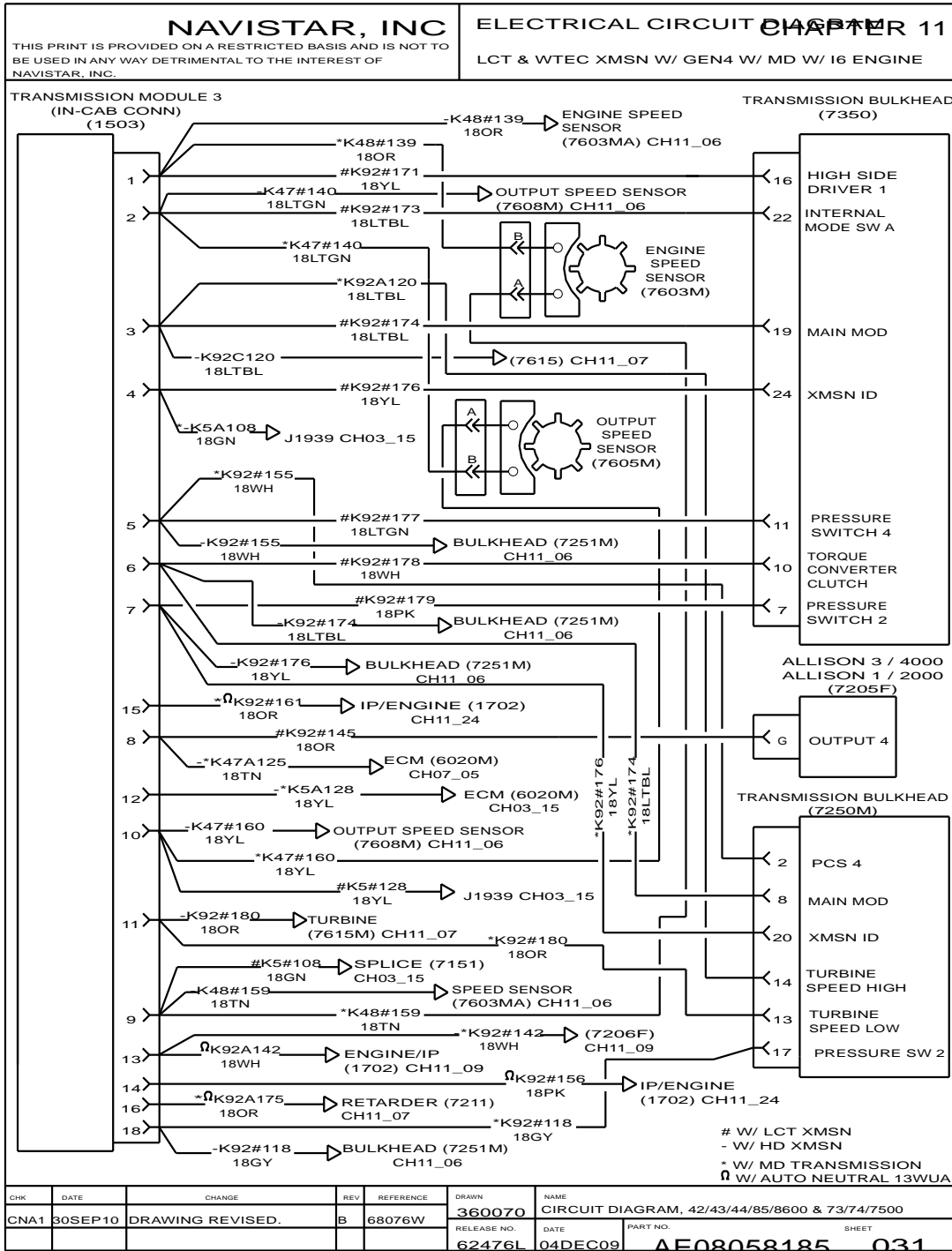


Figure 572 LCT and WTEC Transmission with Gen4 with MD with I6 Engine

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

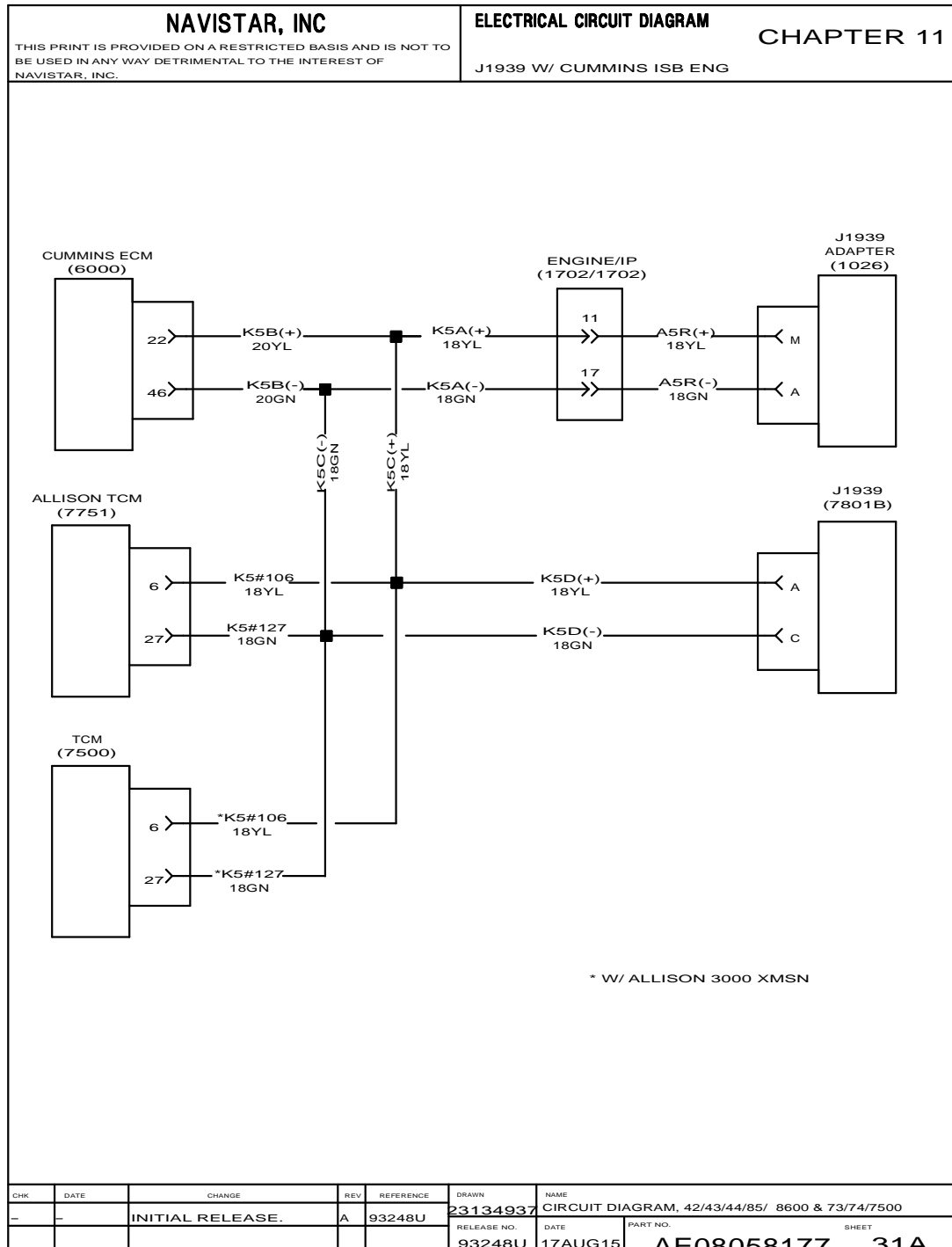


Figure 573 J1939 with Cummins ISB Engine

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

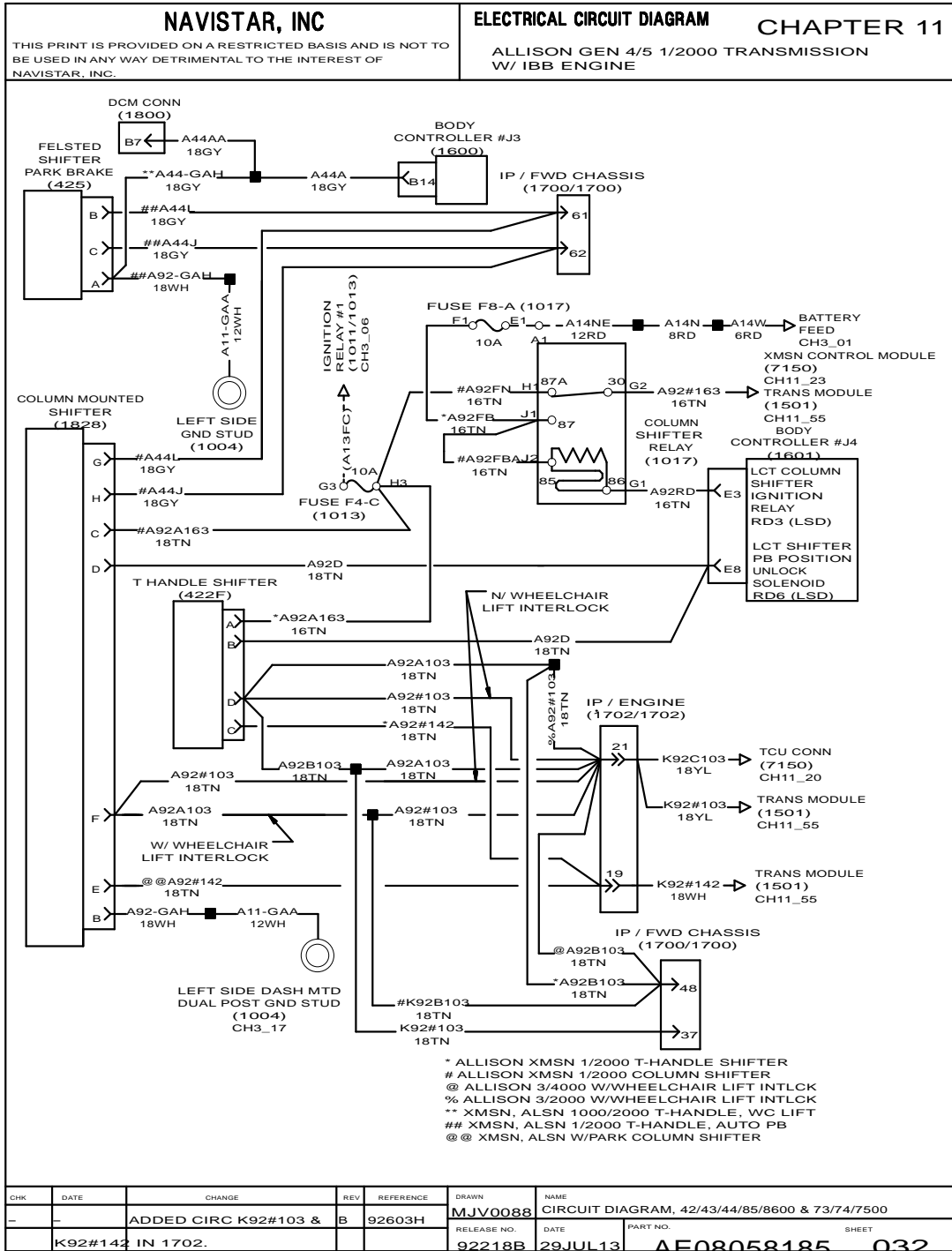


Figure 574 Allison Gen 4/5 1/2000 Transmission with IBB Engine



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

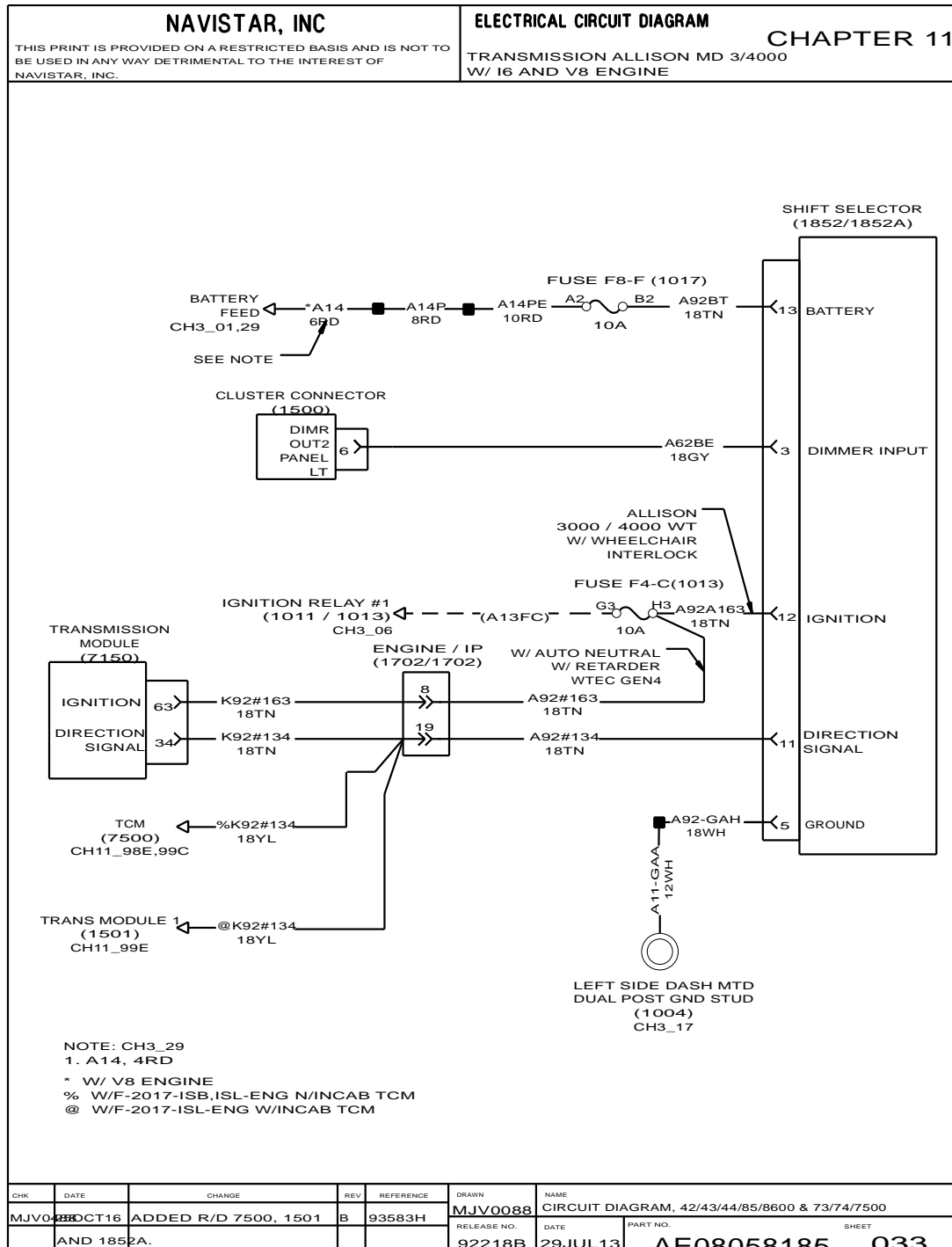


Figure 575 Transmission Allison MD 3 / 4000 with I6 and V8 Engine

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

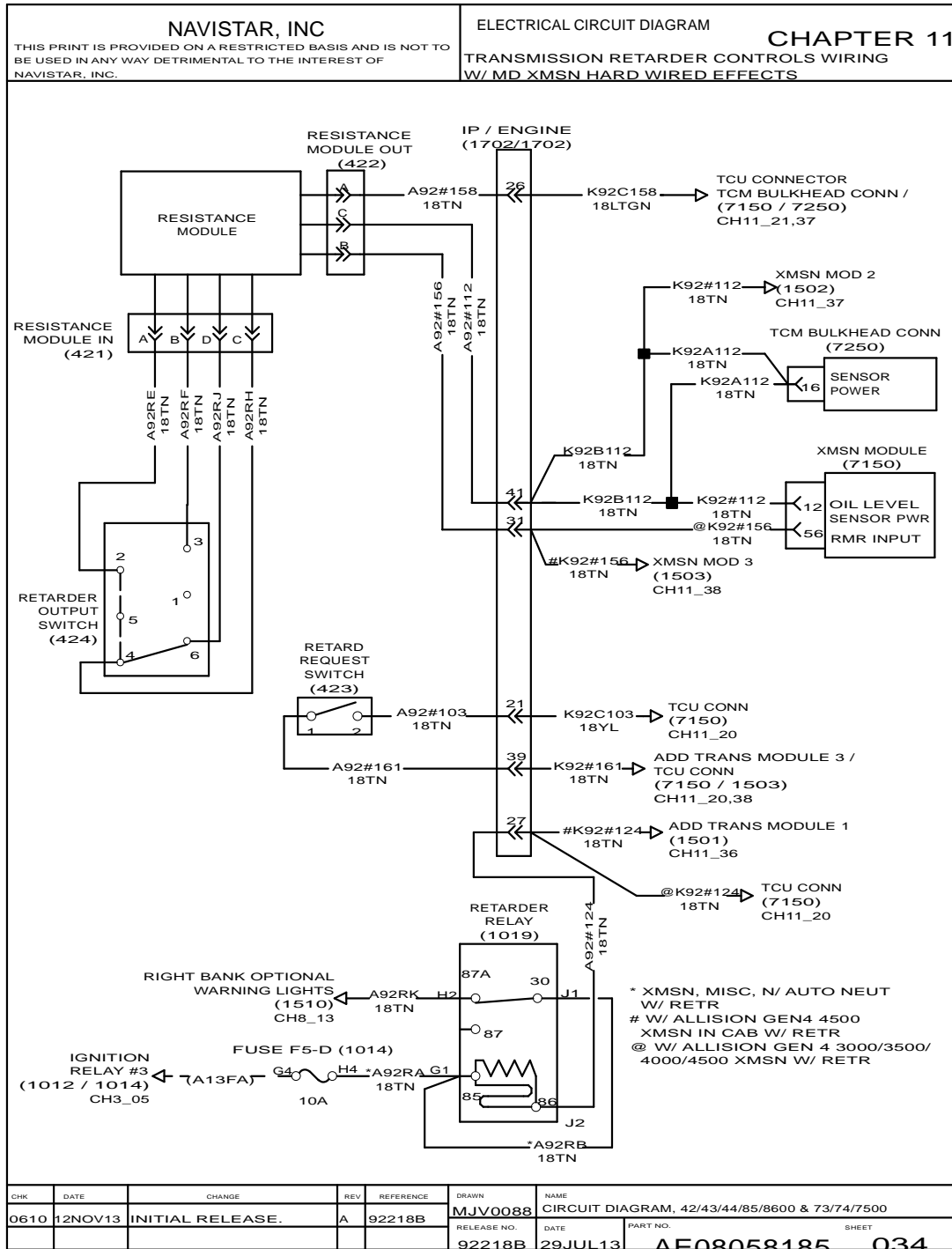


Figure 576 Transmission Retarder Controls Wiring with MD Transmission Hard Wired Effects

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

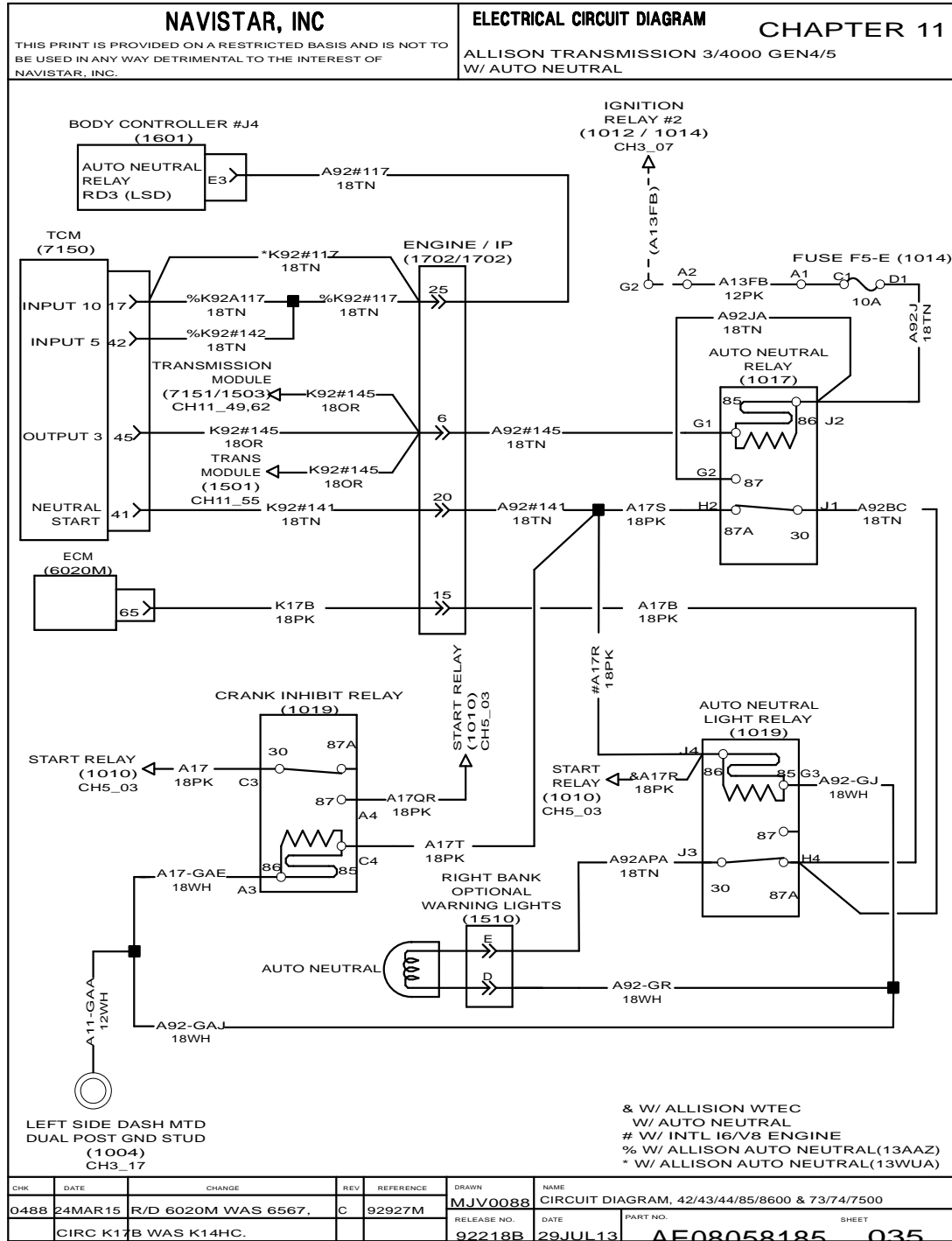


Figure 577 Allison Transmission 3 / 4000 Gen 4 / 5 with Auto Neutral

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

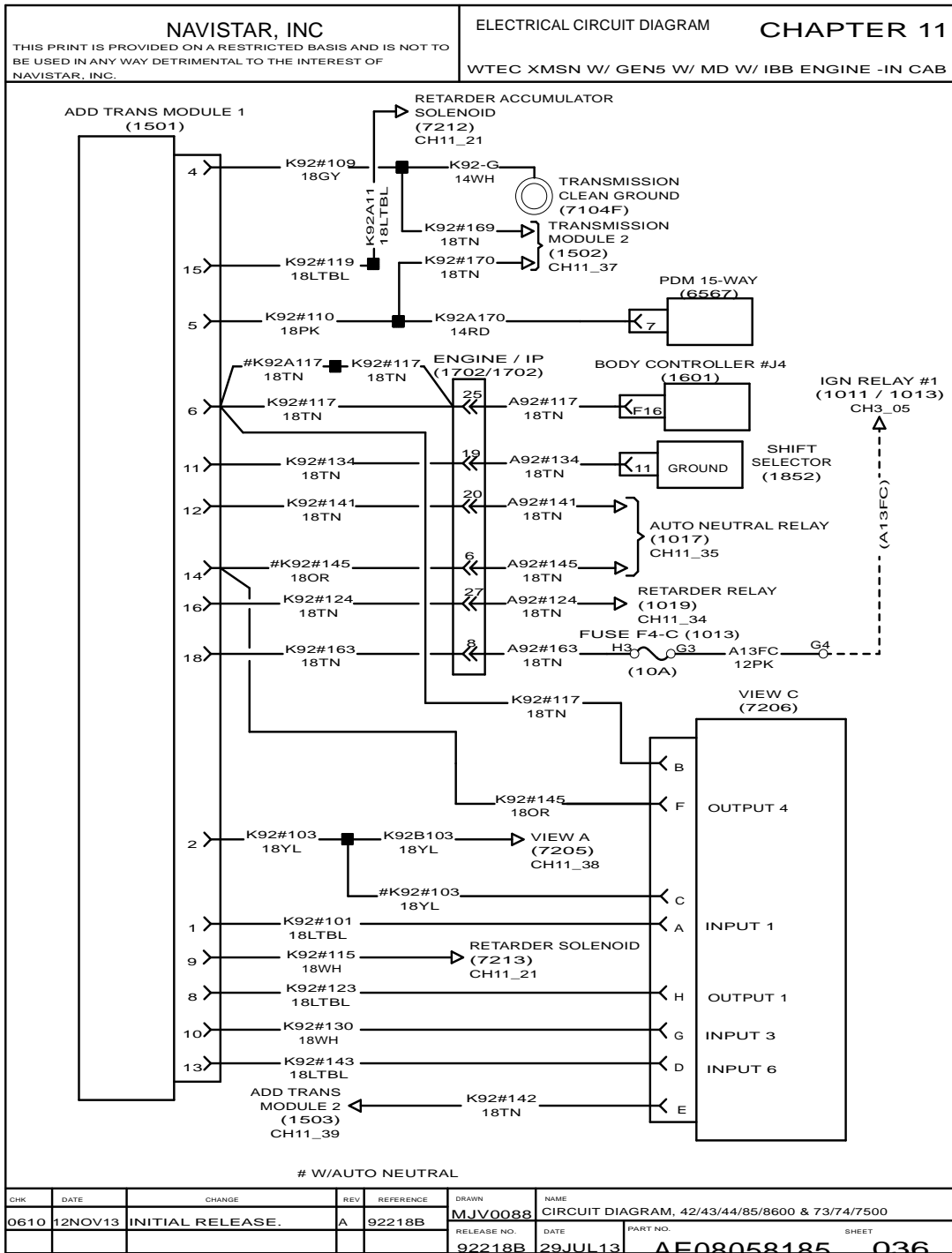


Figure 578 WTEC Transmission with Gen5 with MD with IBB Engine – In Cab



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

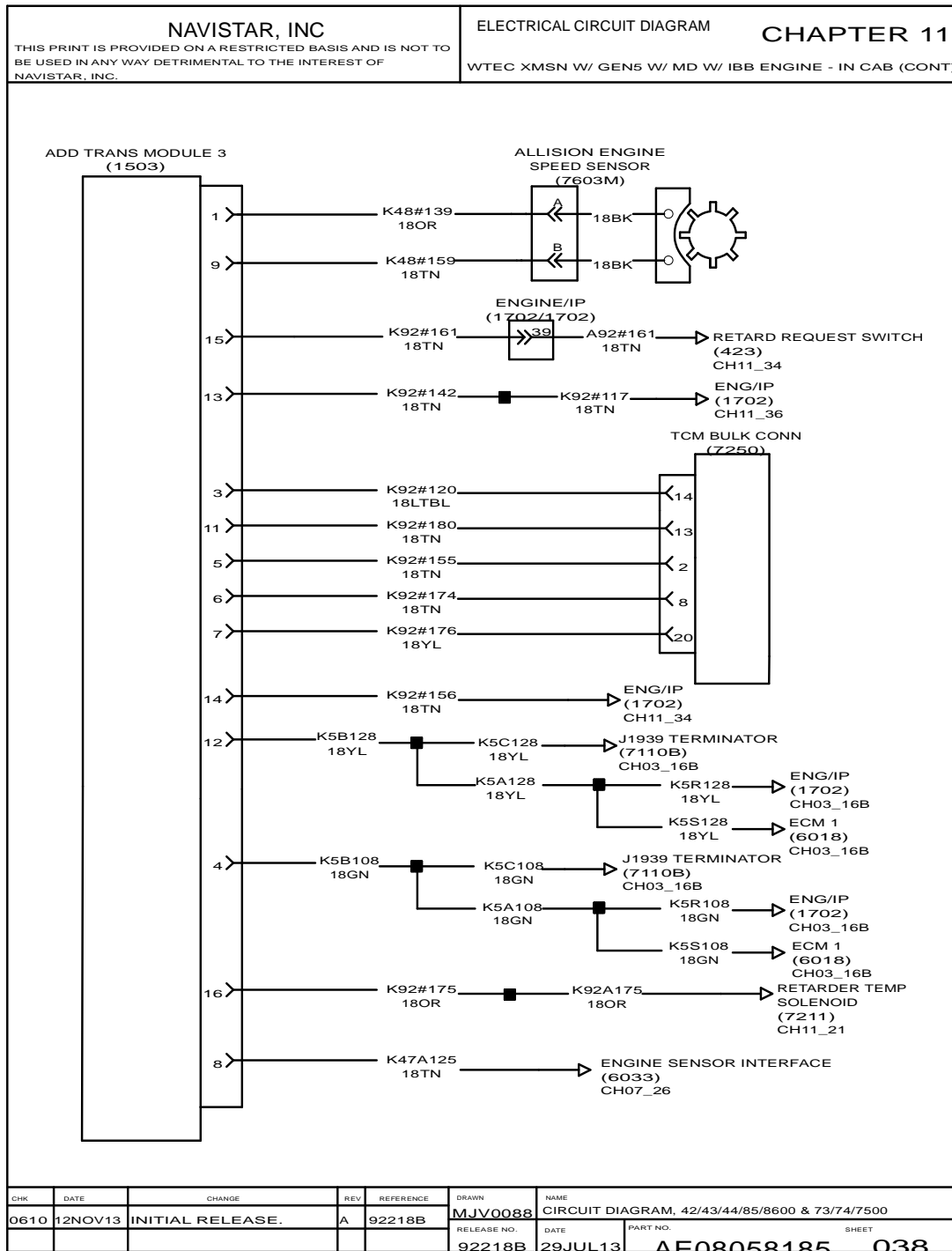


Figure 580 WTEC Transmission with Gen5 with MD with IBB Engine – In Cab (Cont.)



11.50. MANUAL TRANSMISSION WITH BYPASS SWITCH, P. 40

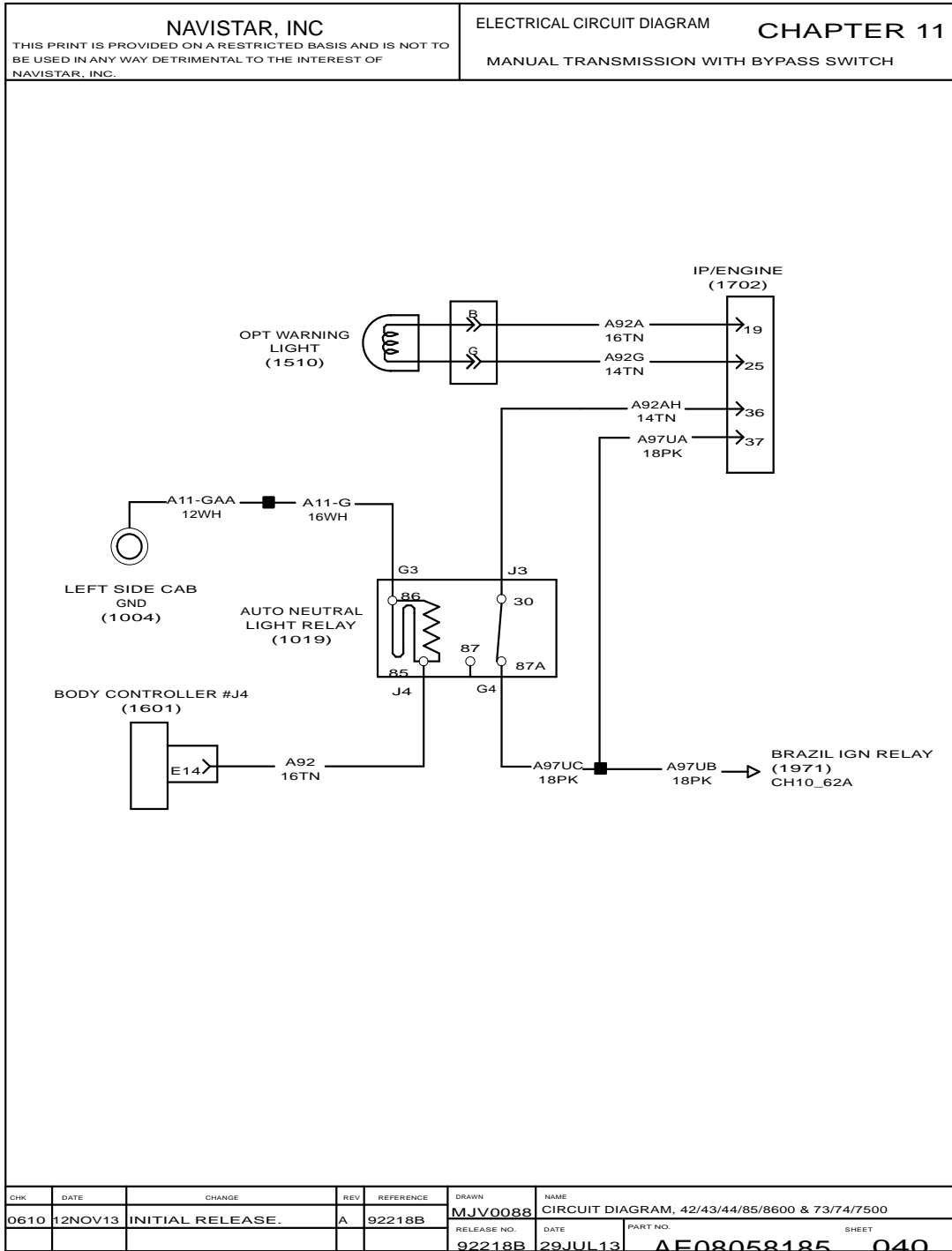


Figure 582 Manual Transmission with Bypass Switch



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

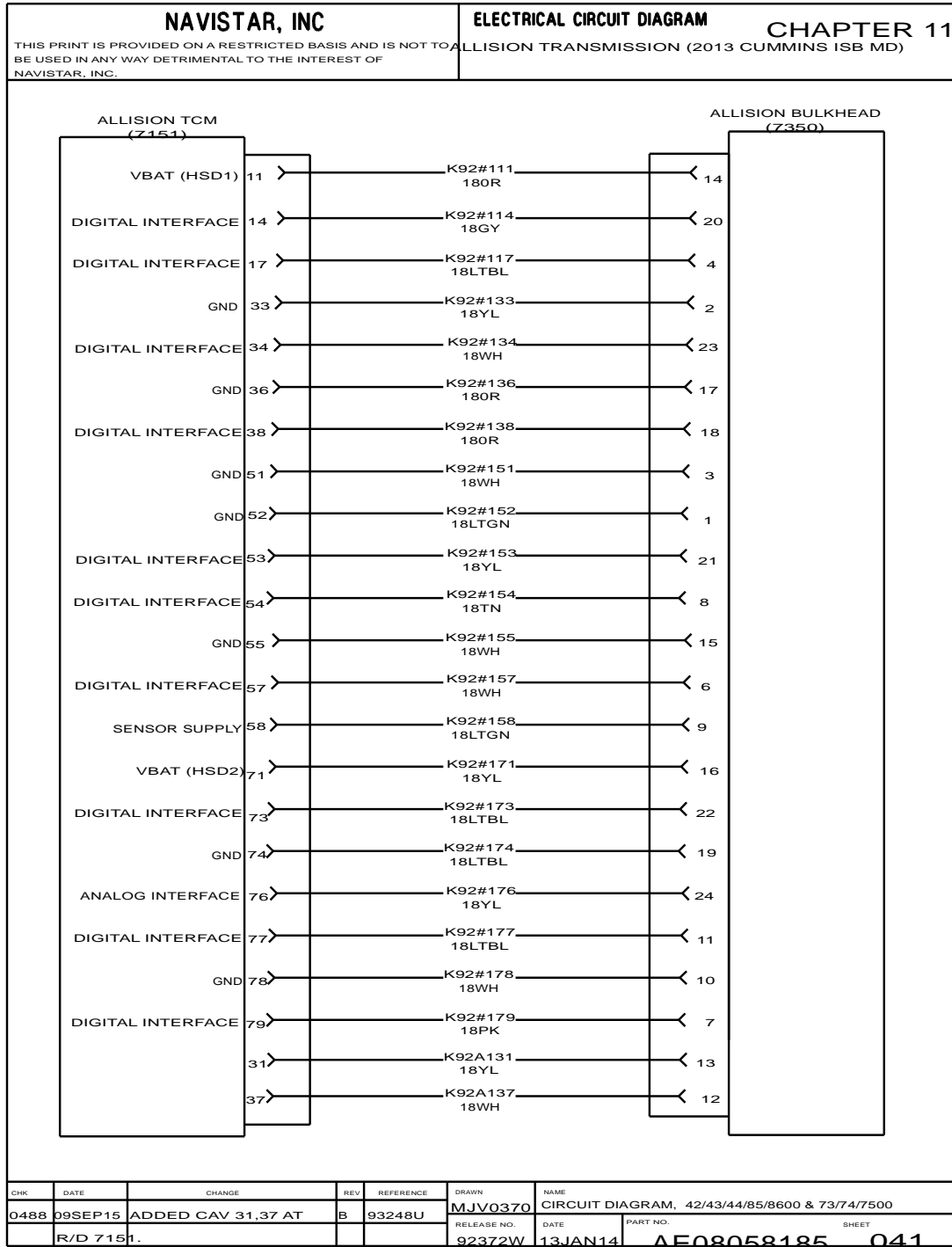


Figure 583 Allison Transmission (2013 Cummins ISB MD)

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

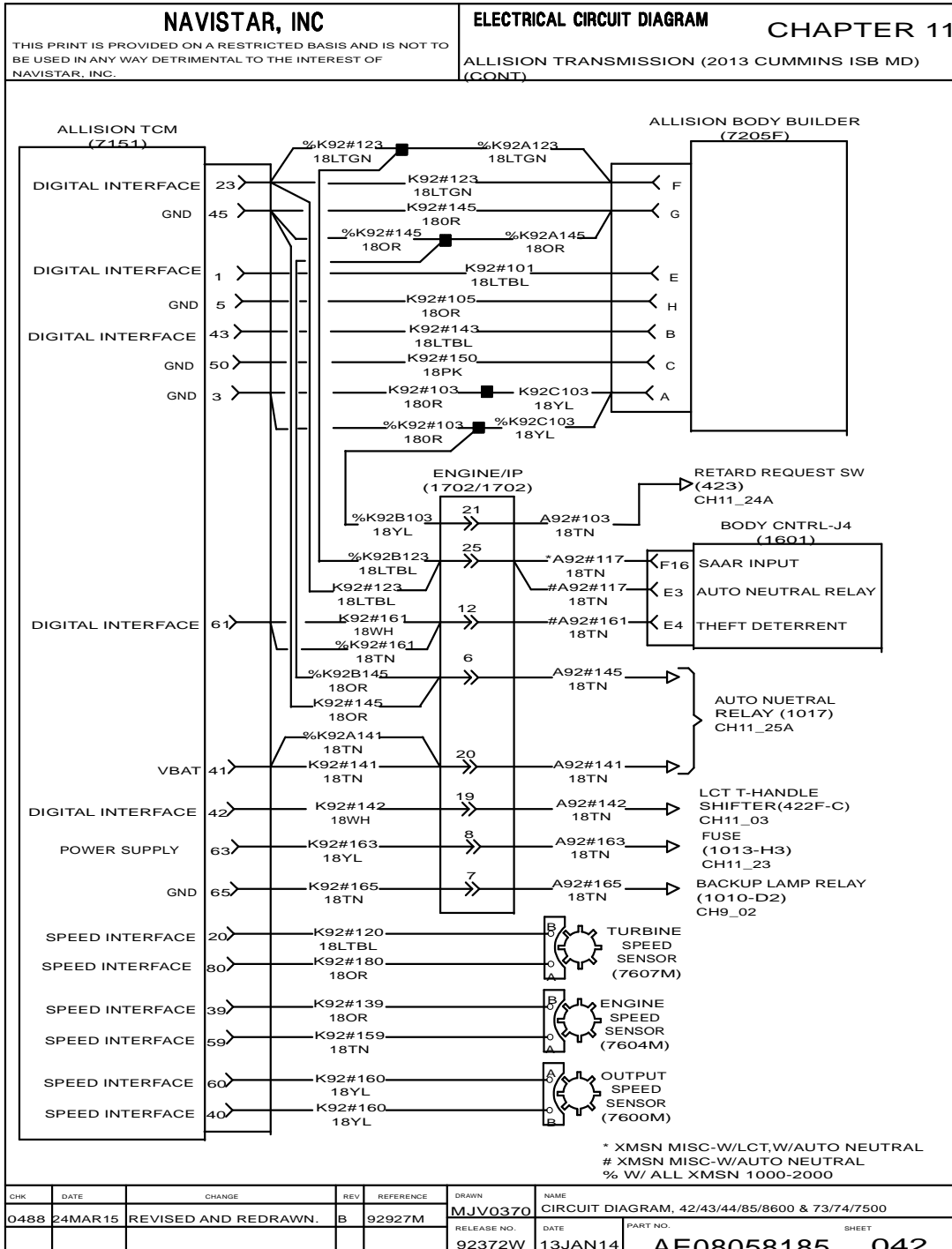


Figure 584 Allison Transmission (2013 Cummins ISB MD) (Cont.)

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

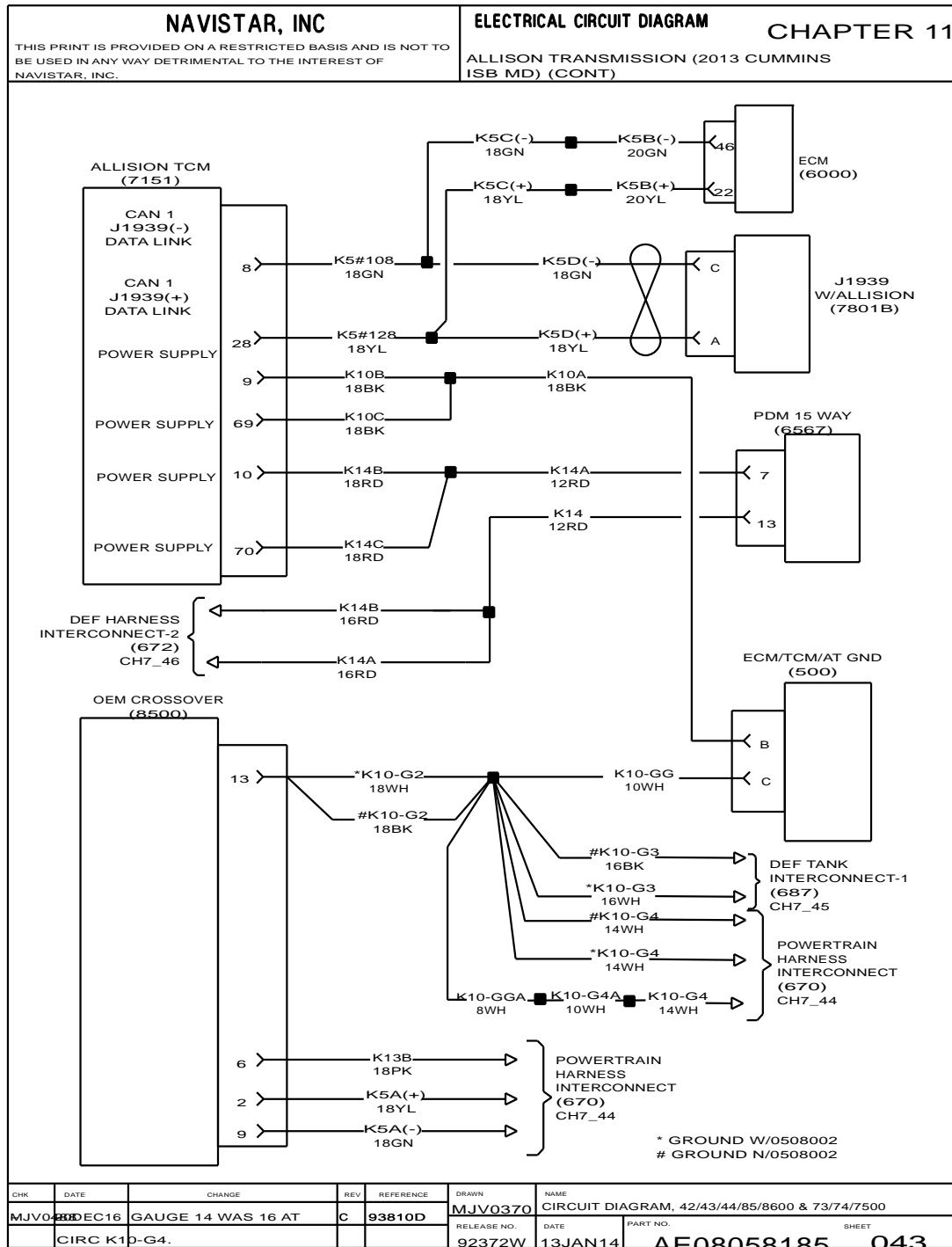


Figure 585 Allison Transmission (2013 Cummins ISB MD) (Cont.)

11.54. ALLISON TRANSMISSION TC10 TRANSMISSION, P. 44

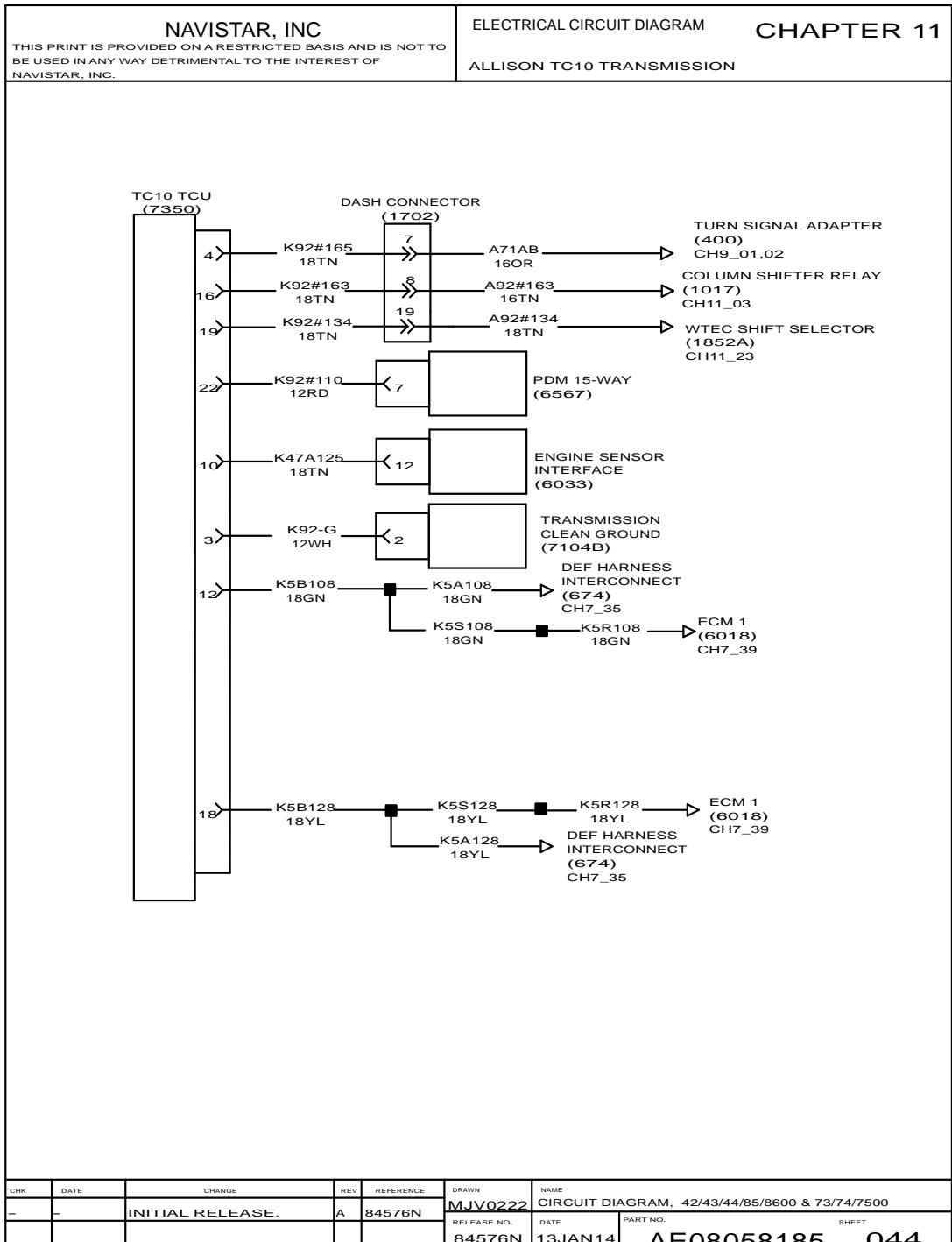


Figure 586 Allison Transmission TC10 Transmission

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

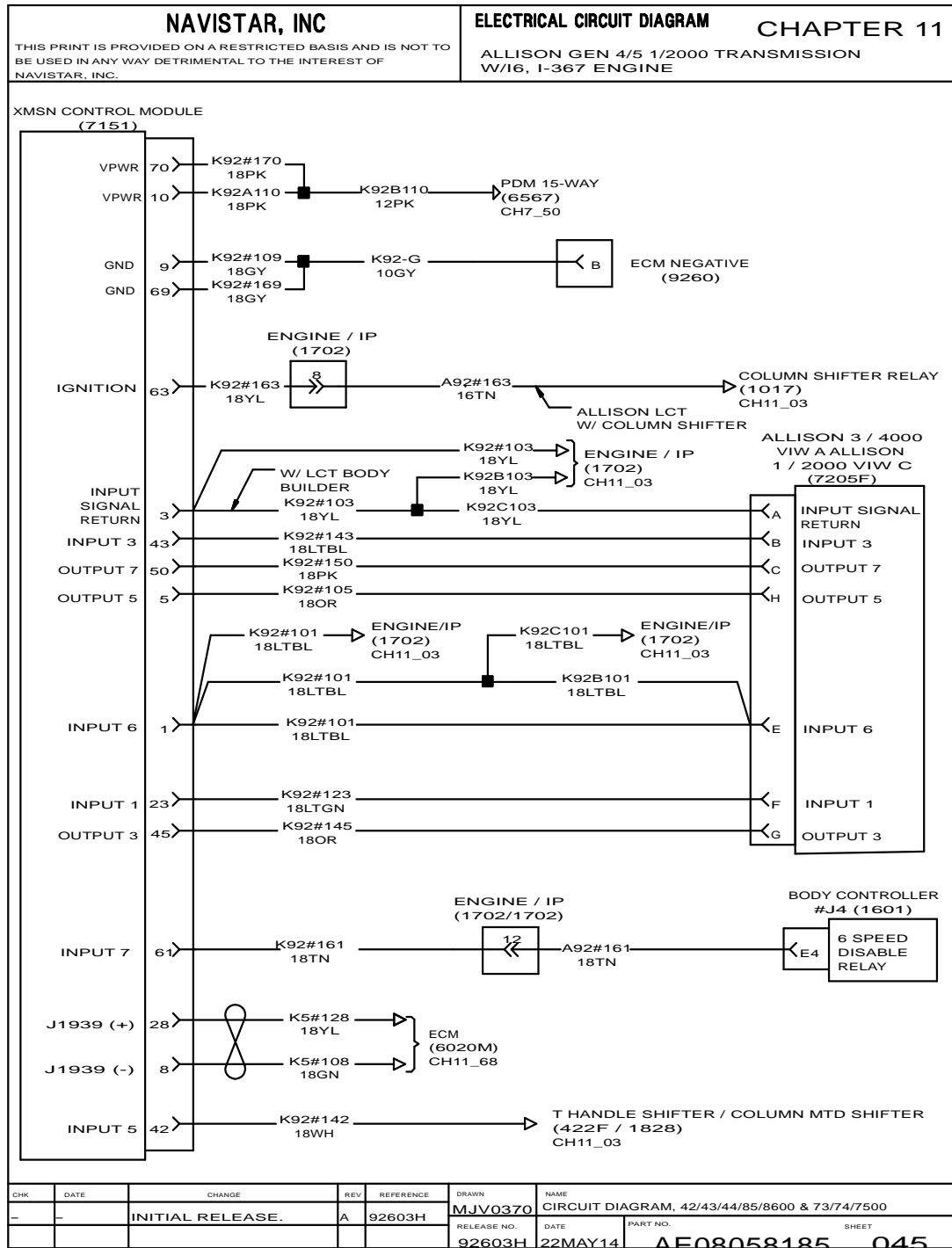


Figure 587 Allison Gen 4/5 1/2000 Transmission with I6, 1-367 Engine

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

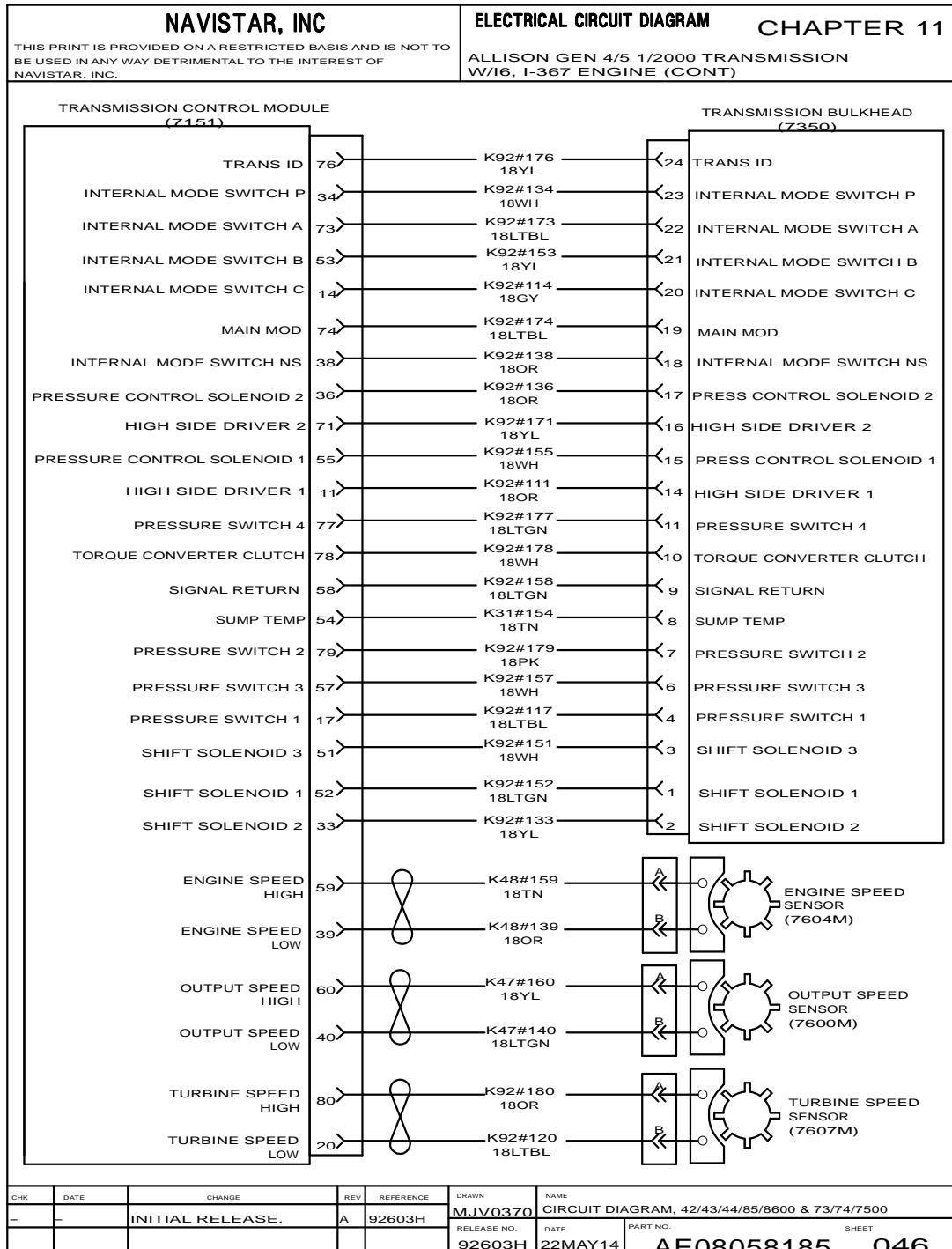


Figure 588 Allison Gen 4/5 1/2000 Transmission with I6, 1-367 Engine (Cont.)

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

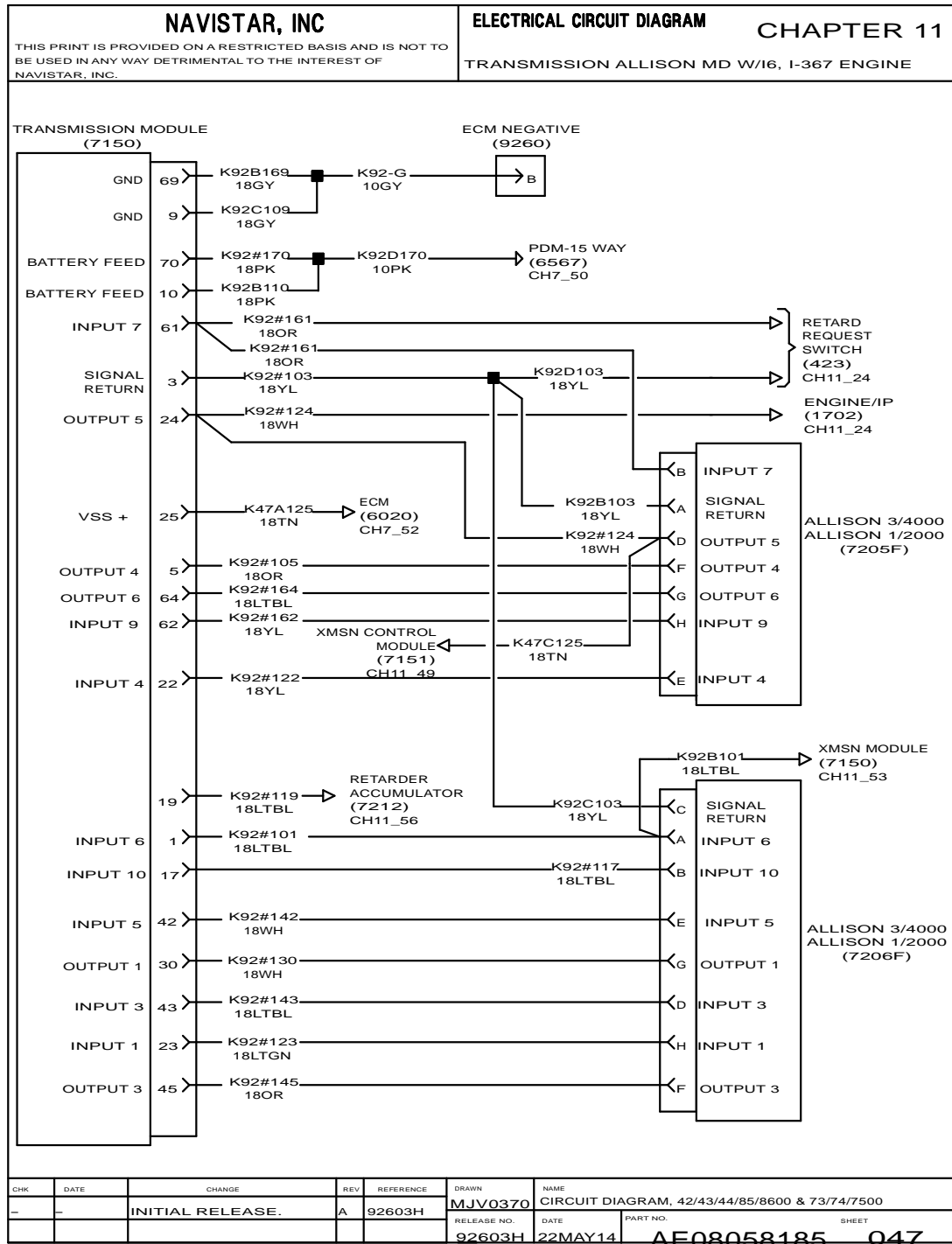


Figure 589 Transmission Allison MD with I6, I-367 Engine

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

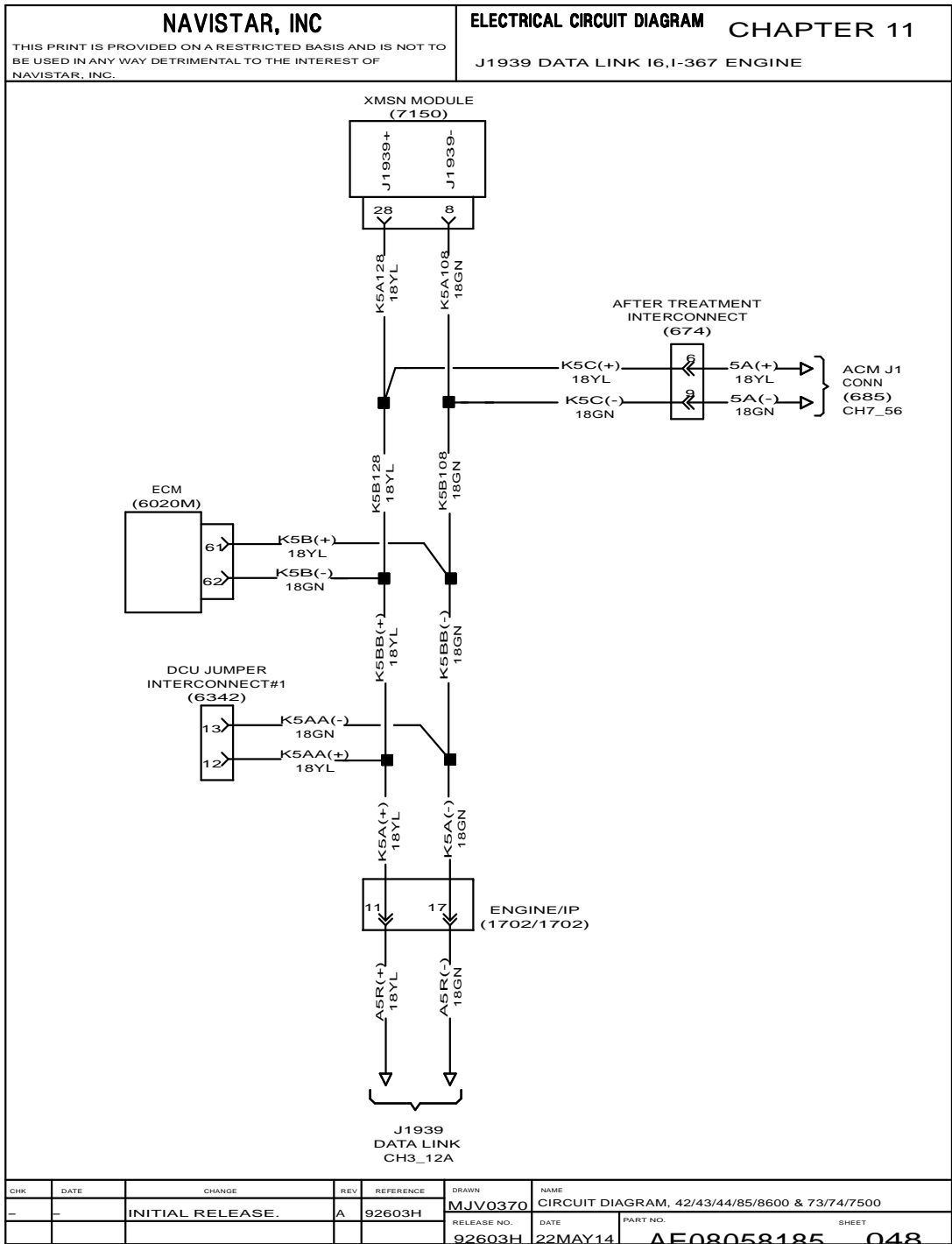


Figure 590 J1939 Data Link I6, I-367 Engine



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

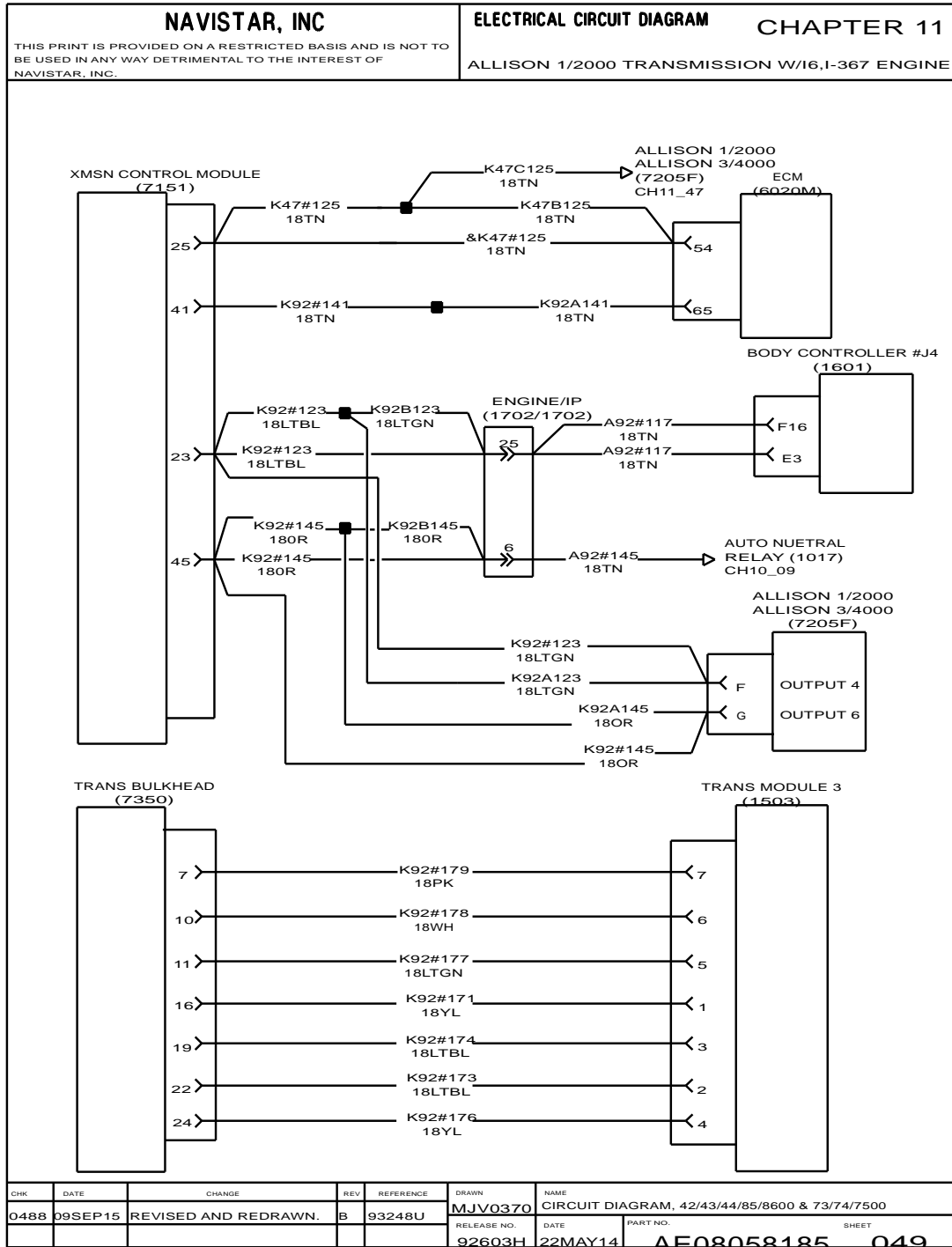


Figure 591 Allison 1 / 2000 Transmission with I6, I-367 Engine

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

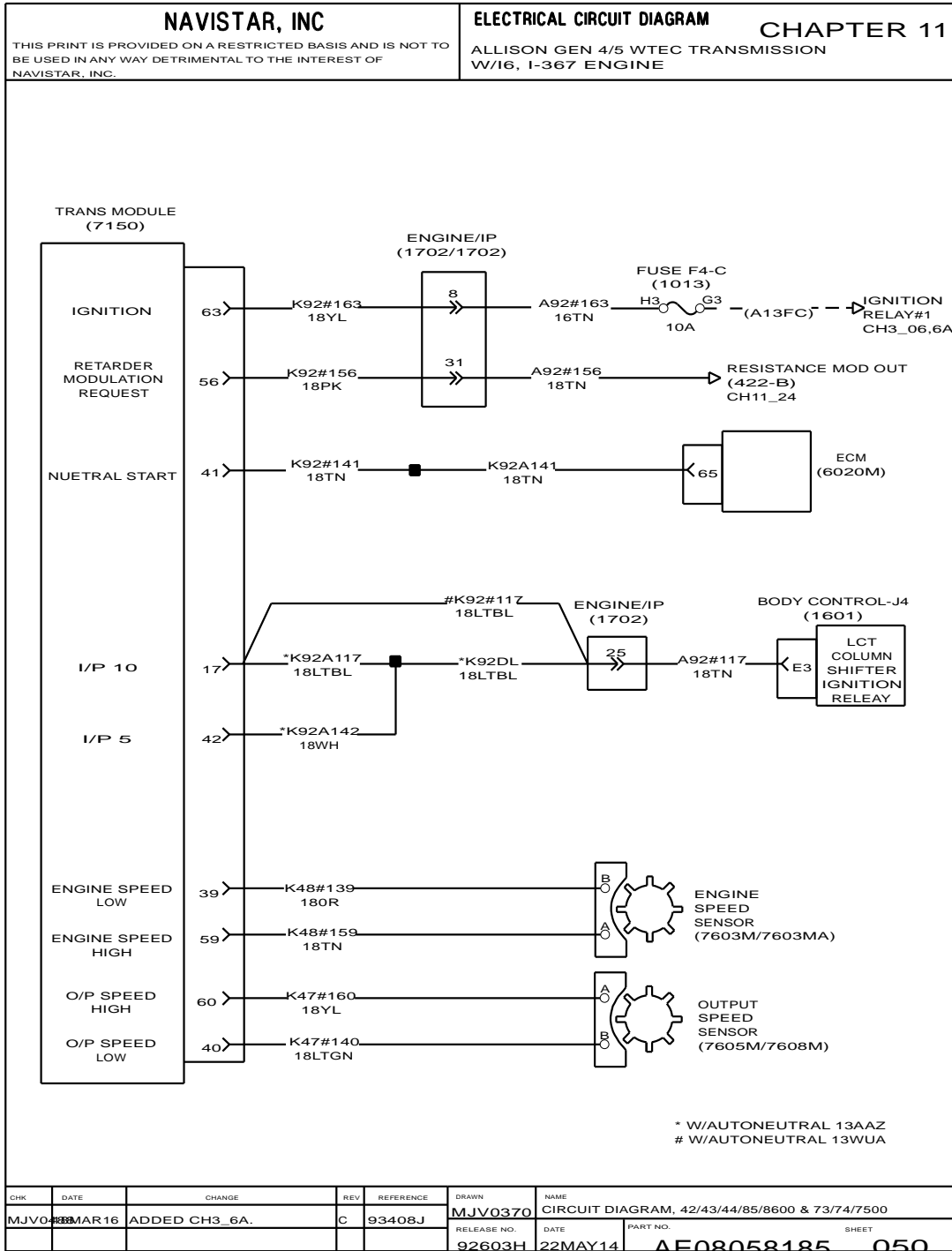


Figure 592 Allison 4 / 5 WTEC Transmission with I6, I-367 Engine

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

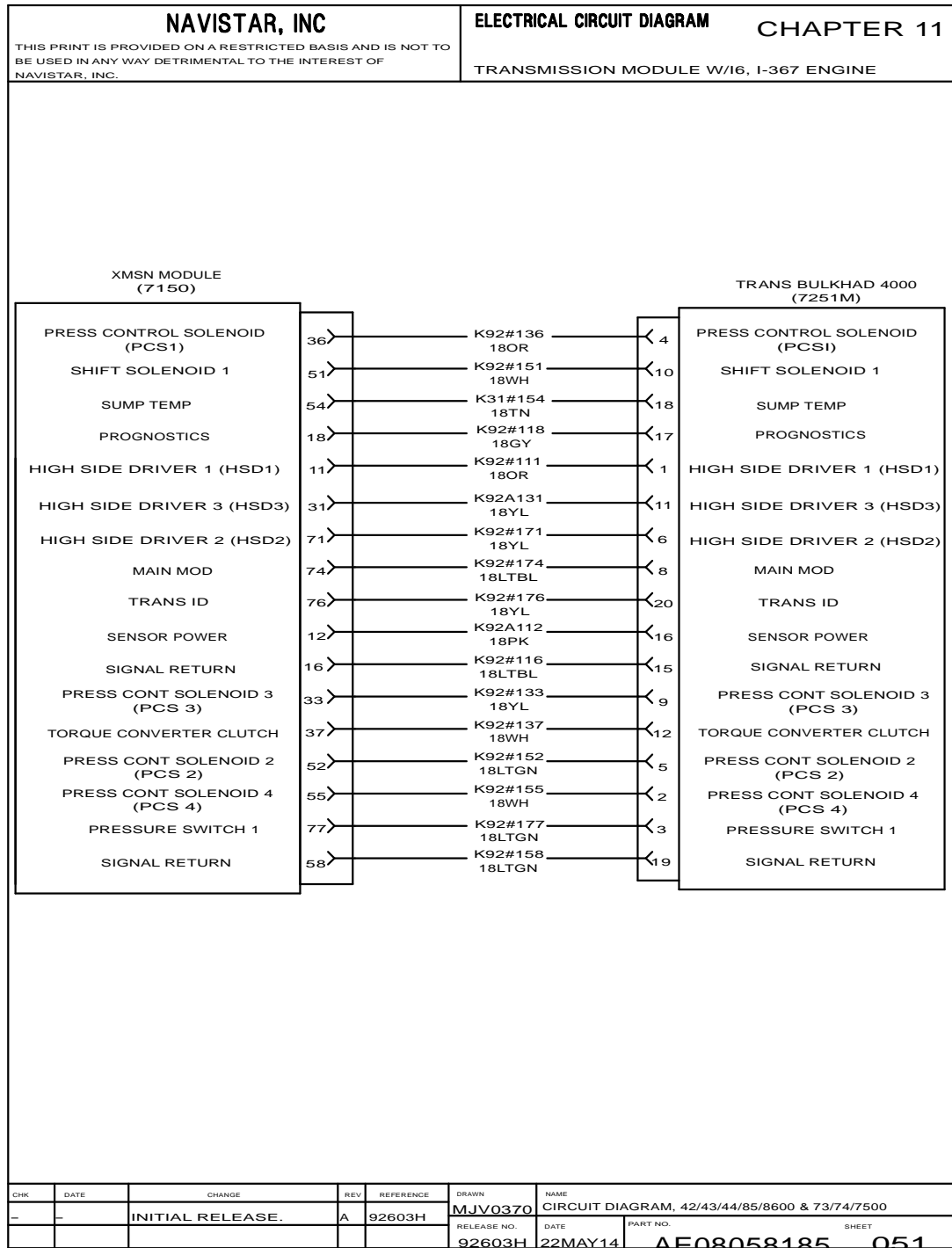


Figure 593 Transmission Module with I6, I-367 Engine

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

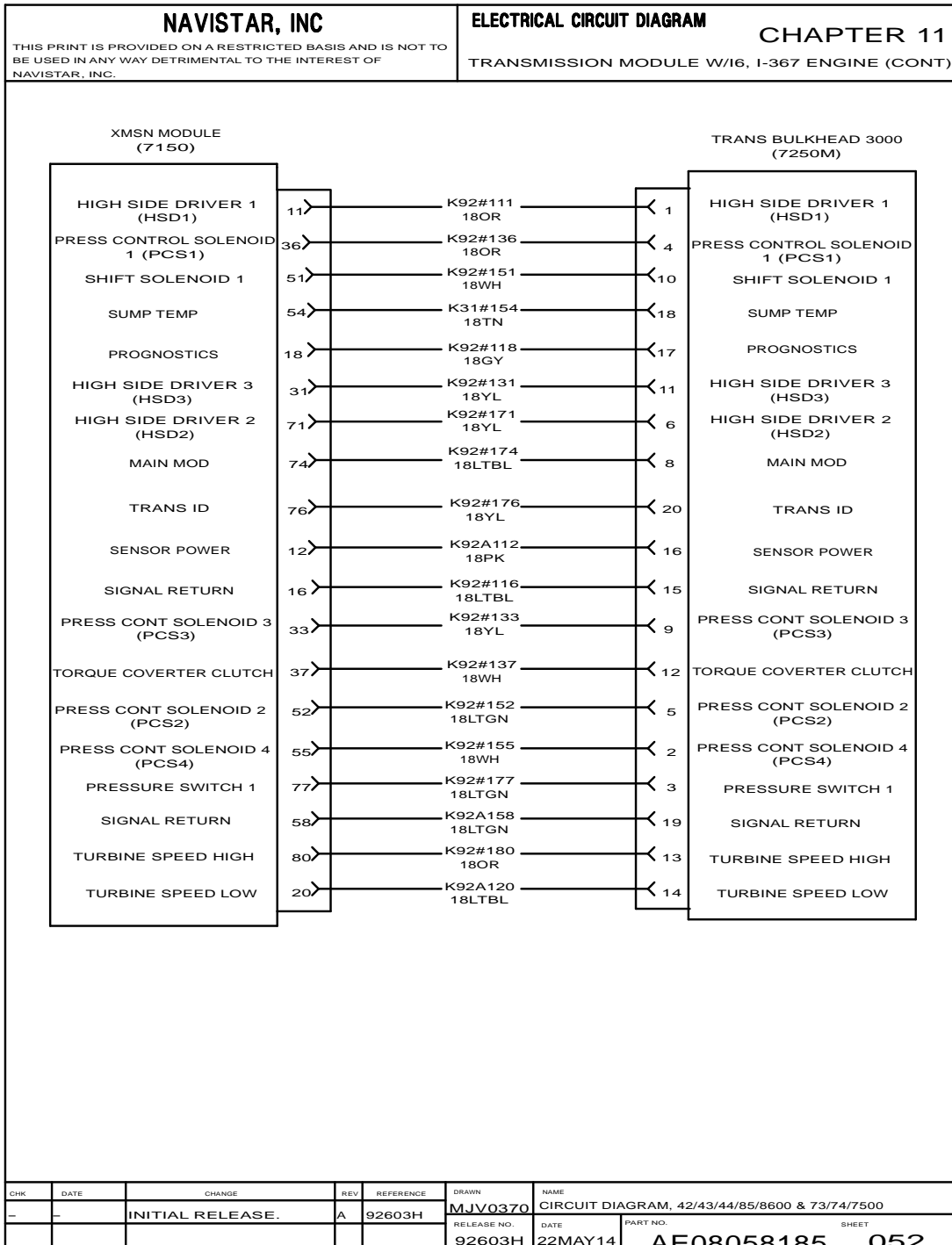


Figure 594 Transmission Module with I6, I-367 Engine (Cont.)

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

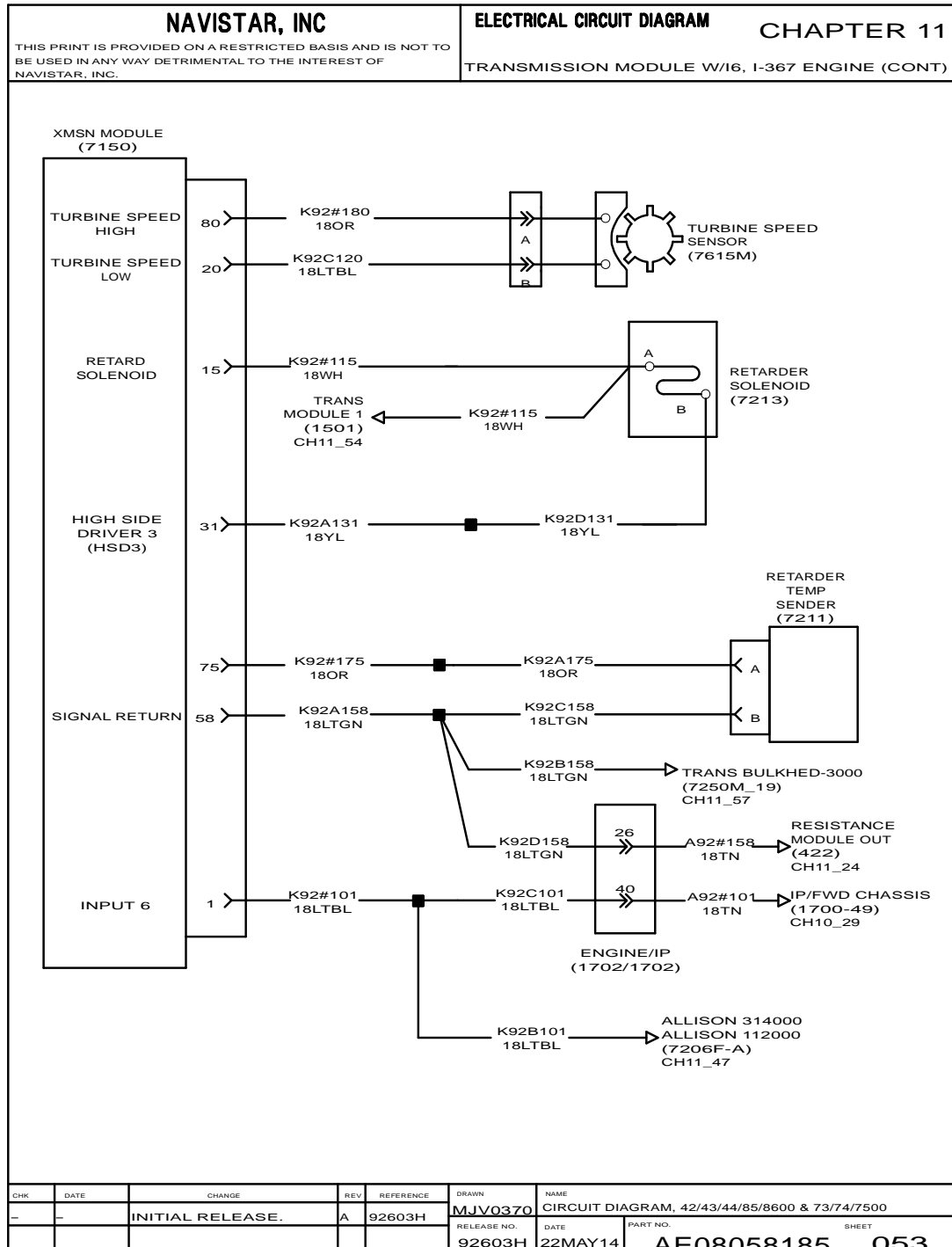


Figure 595 Transmission Module with I6, I-367 Engine (Cont.)

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

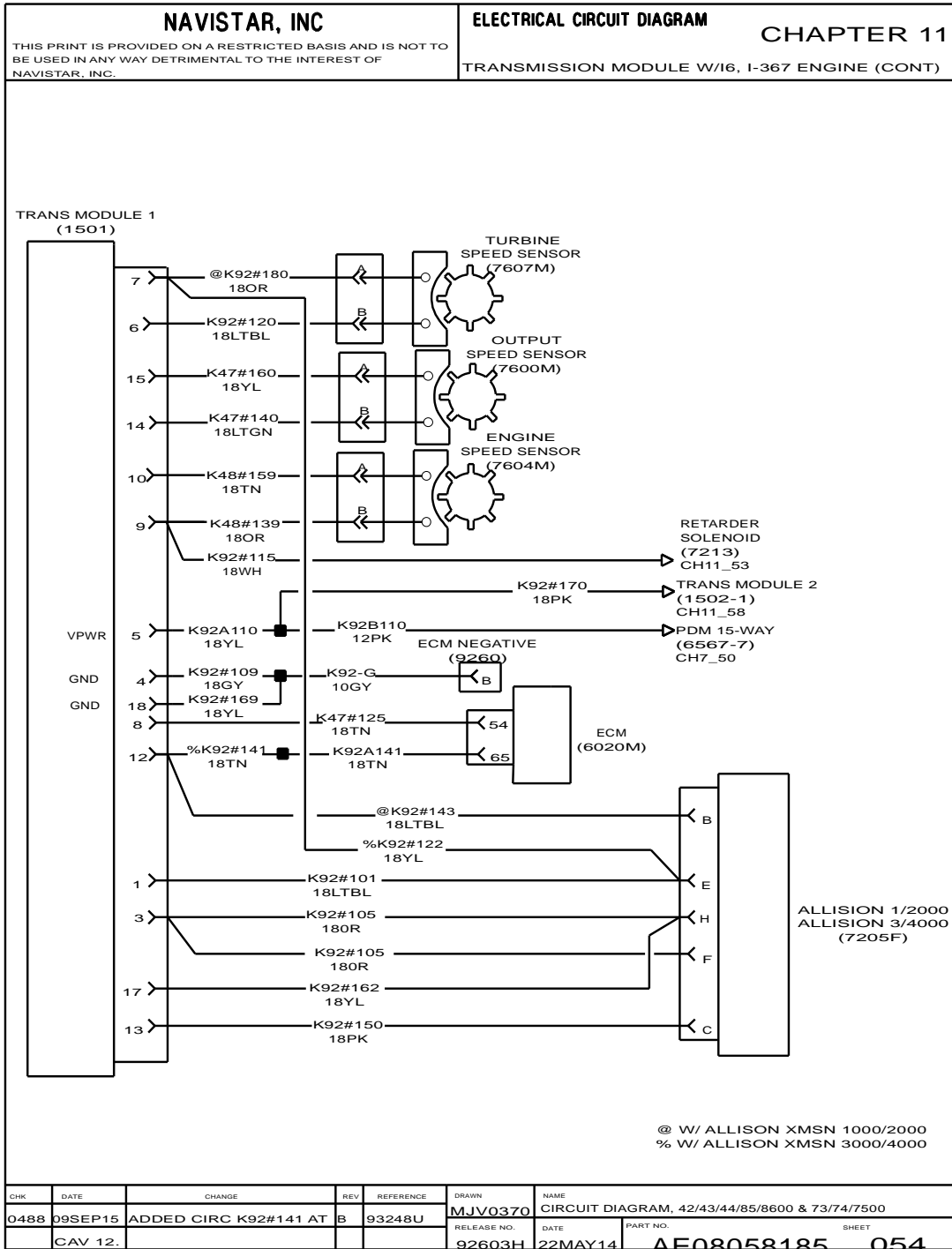


Figure 596 Transmission Module with I6, I-367 Engine (Cont.)

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

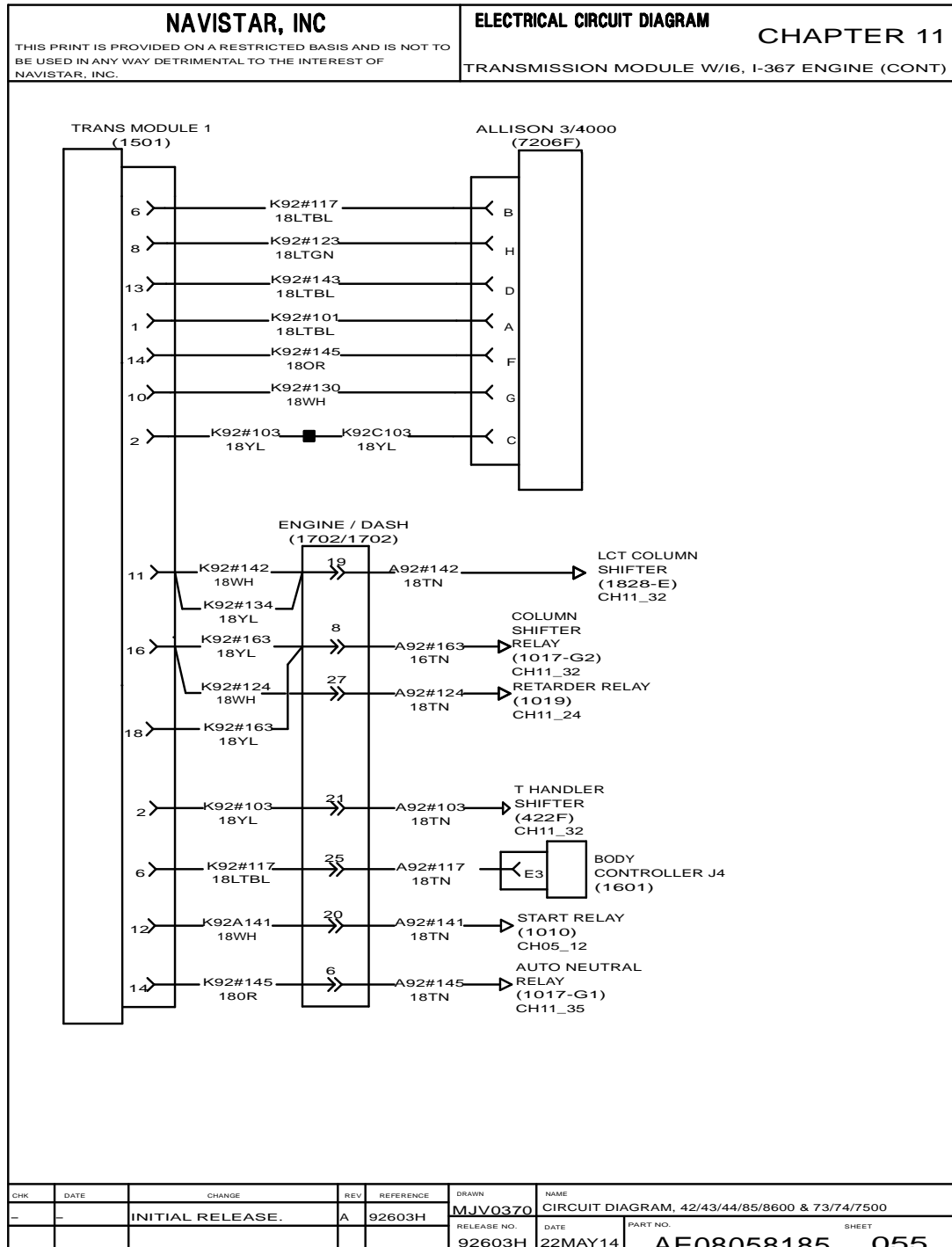


Figure 597 Transmission Module with I6, I-367 Engine (Cont.)

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

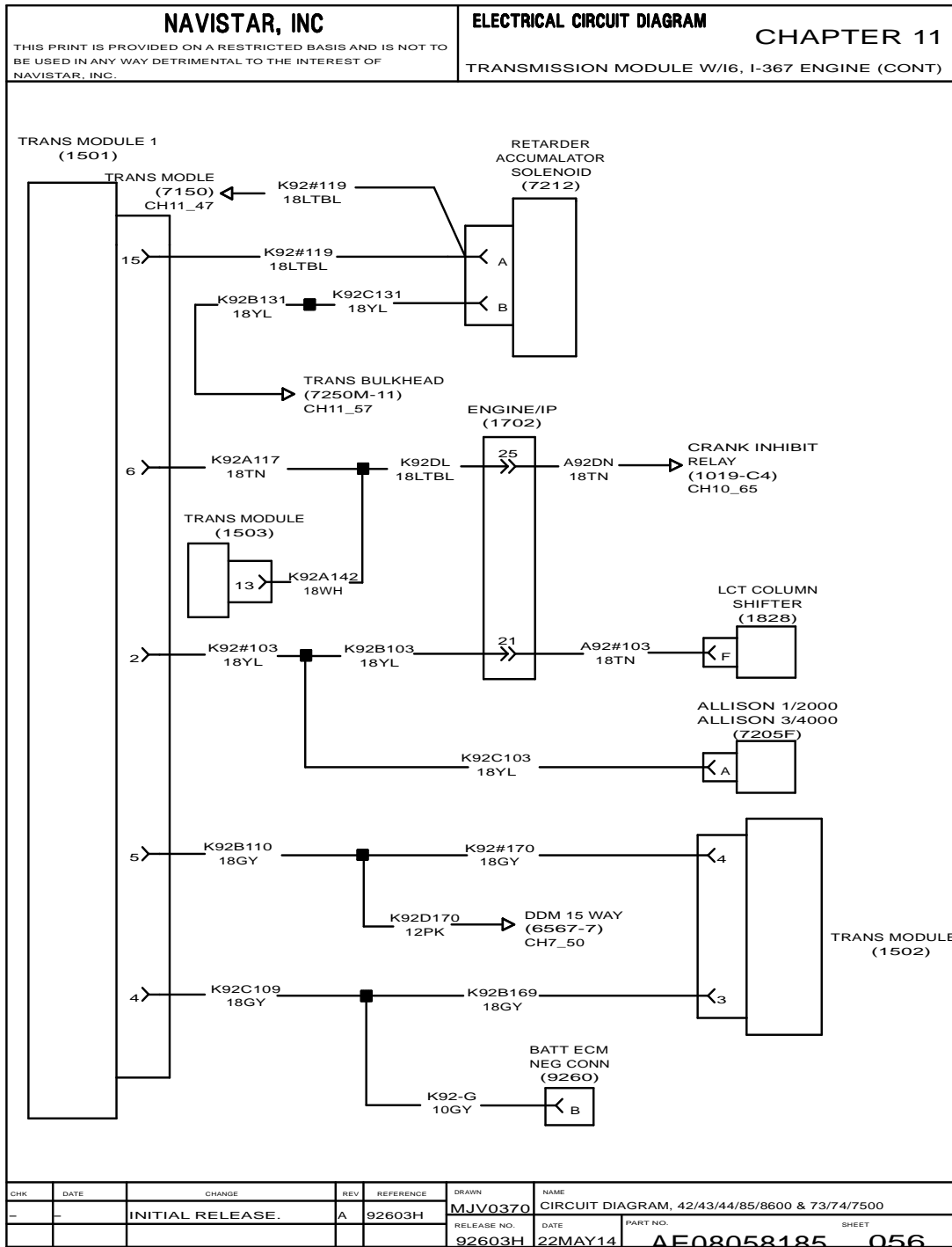


Figure 598 Transmission Module with I6, I-367 Engine (Cont.)



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

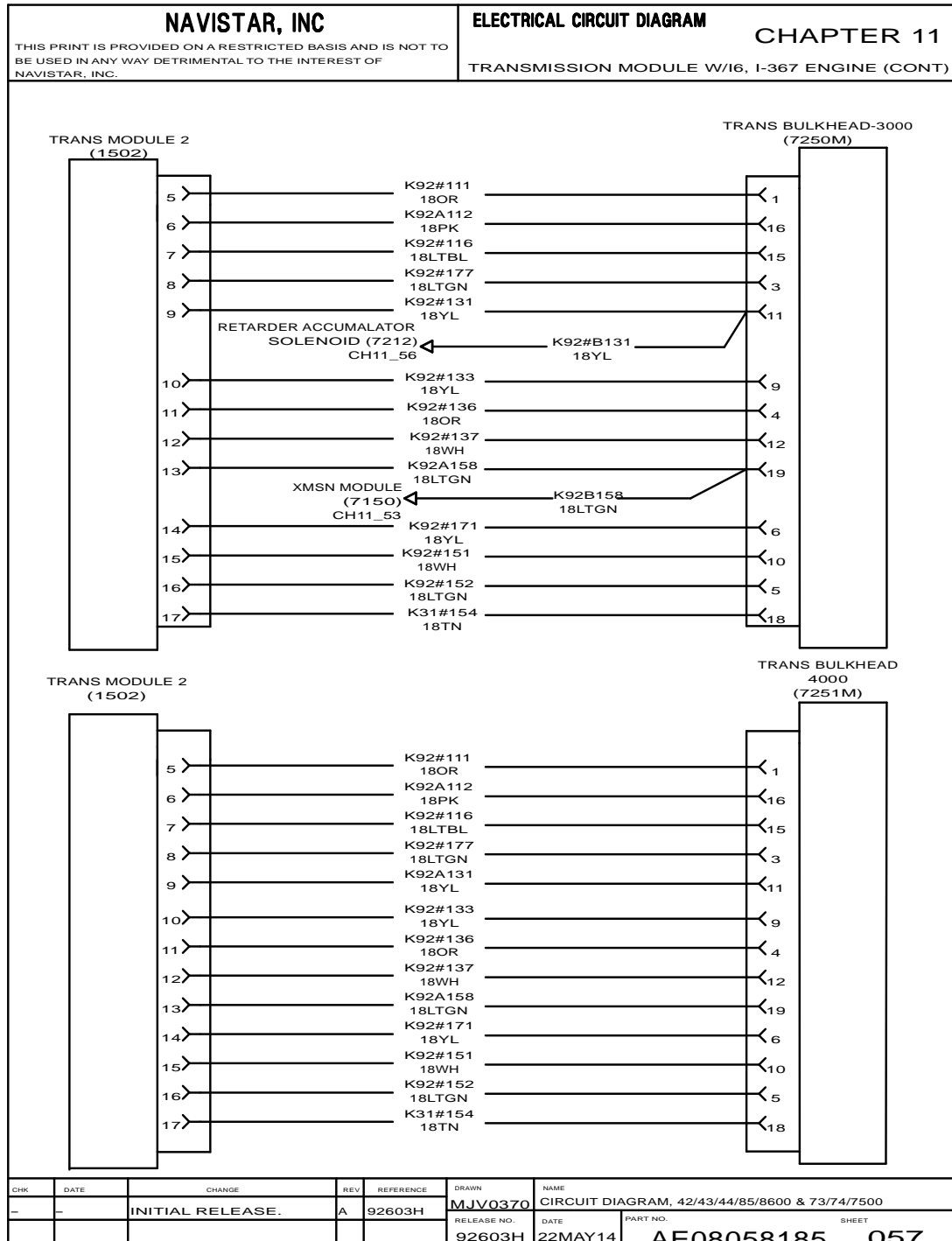


Figure 599 Transmission Module with I6, I-367 Engine (Cont.)

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

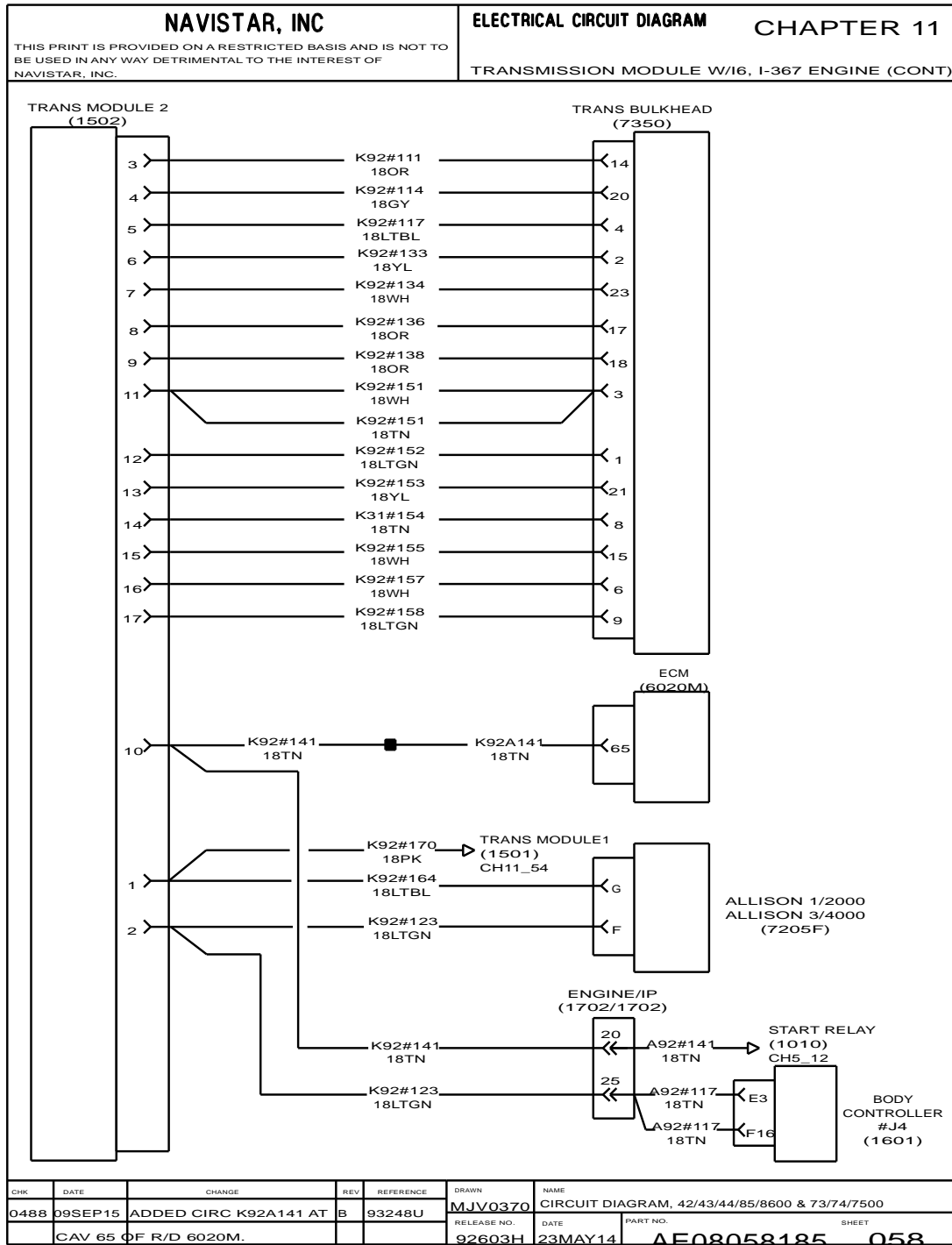


Figure 600 Transmission Module with I6, I-367 Engine (Cont.)

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

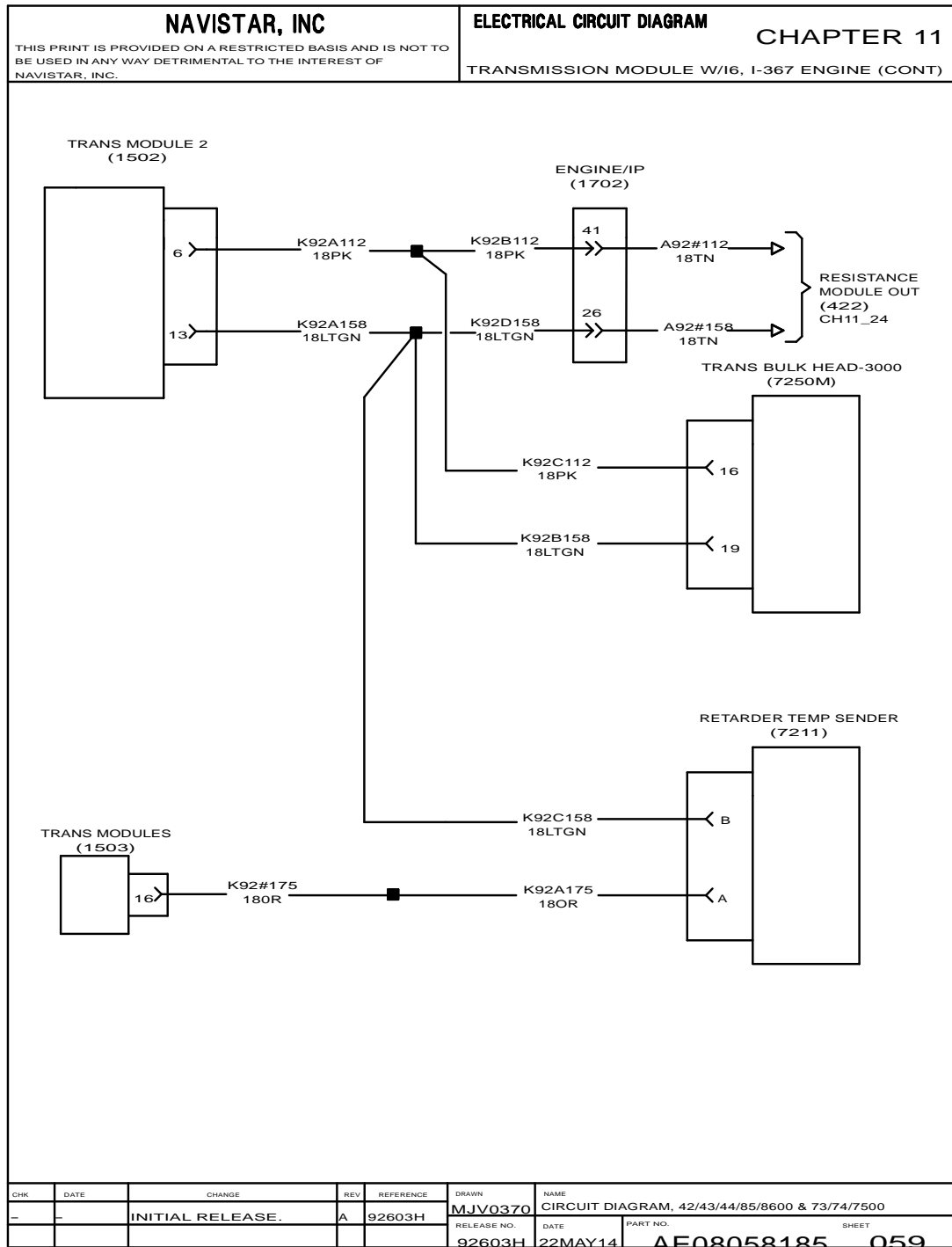


Figure 601 Transmission Module with I6, I-367 Engine (Cont.)

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

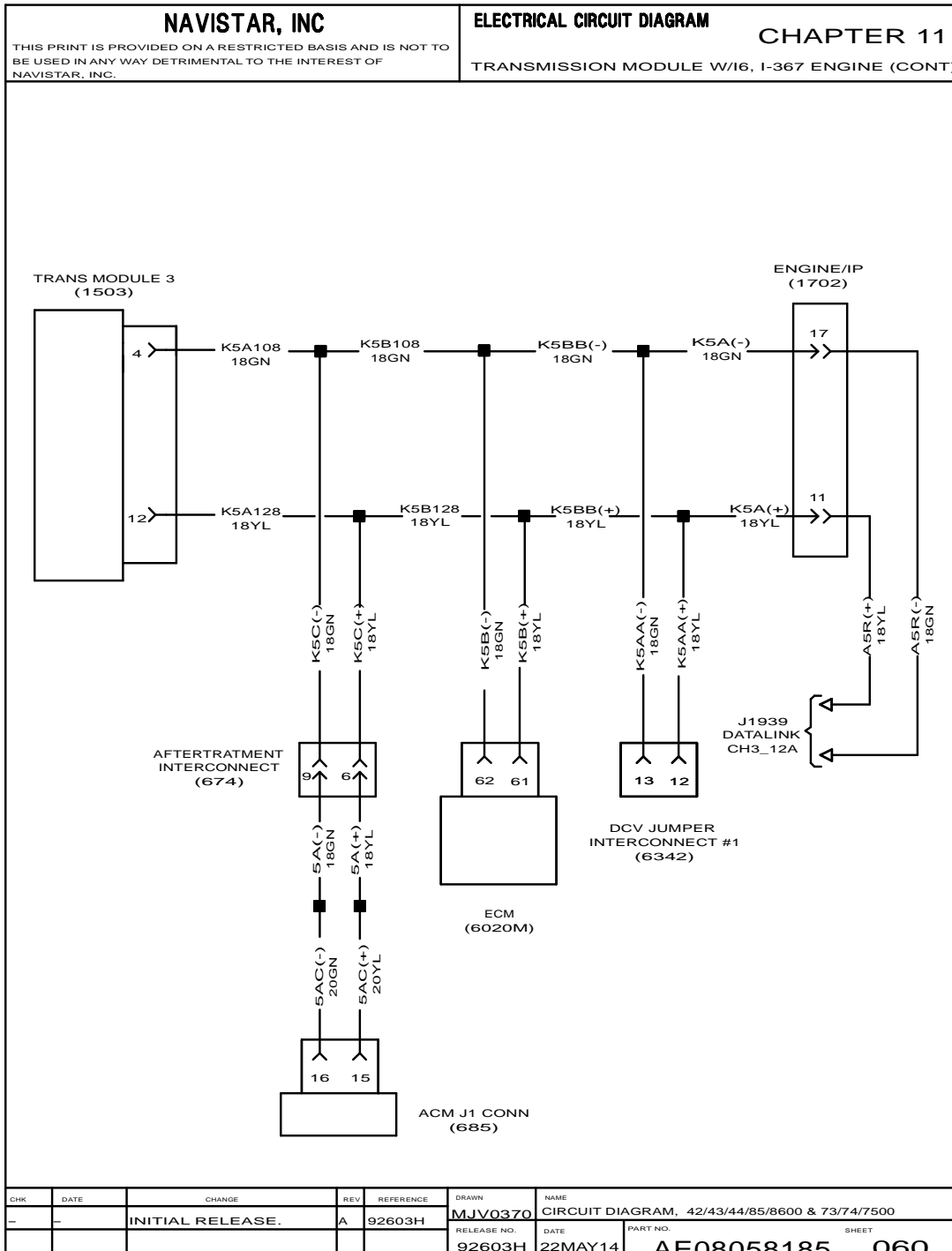


Figure 602 Transmission Module with I6, I-367 Engine (Cont.)

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

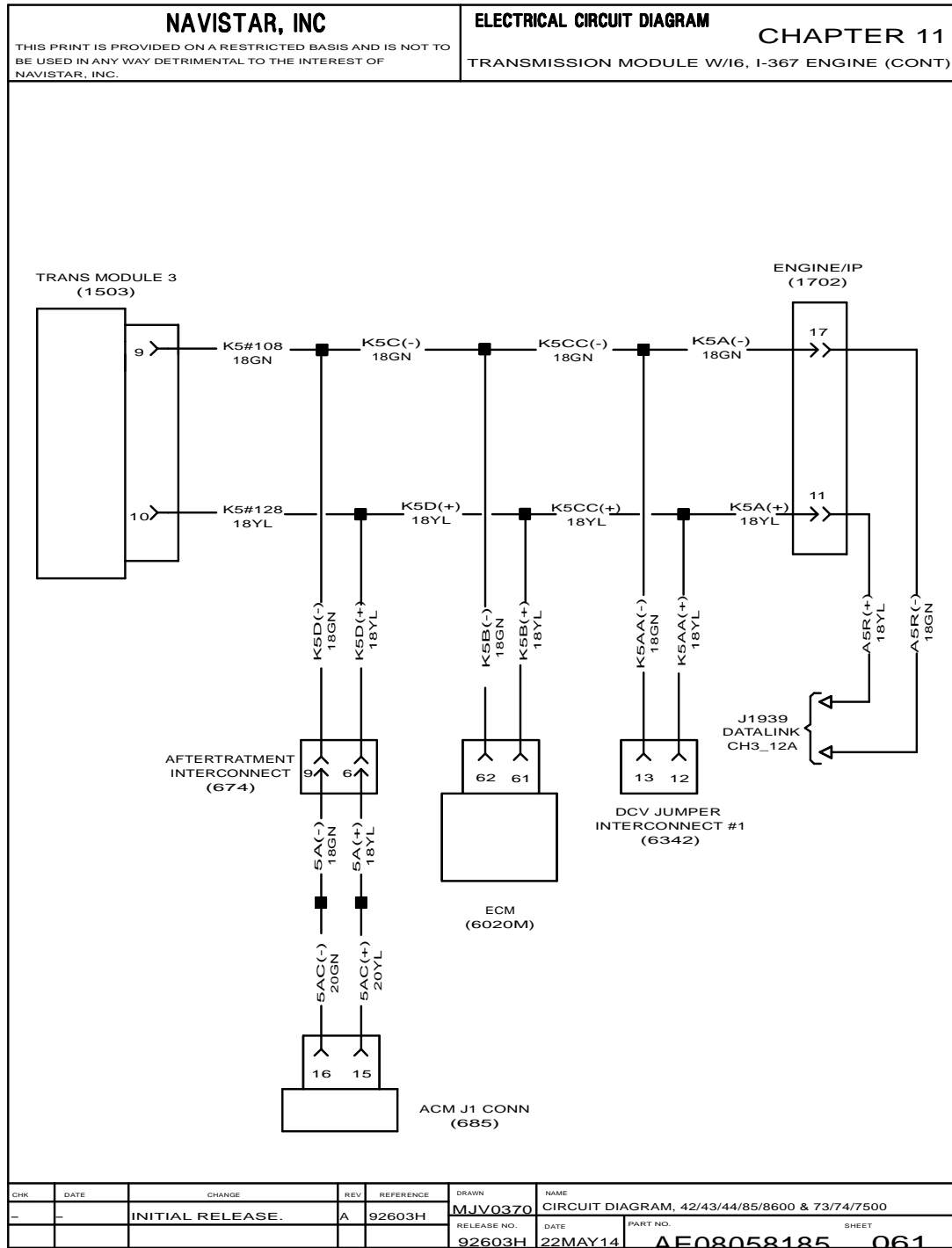


Figure 603 Transmission Module with I6, I-367 Engine (Cont.)

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

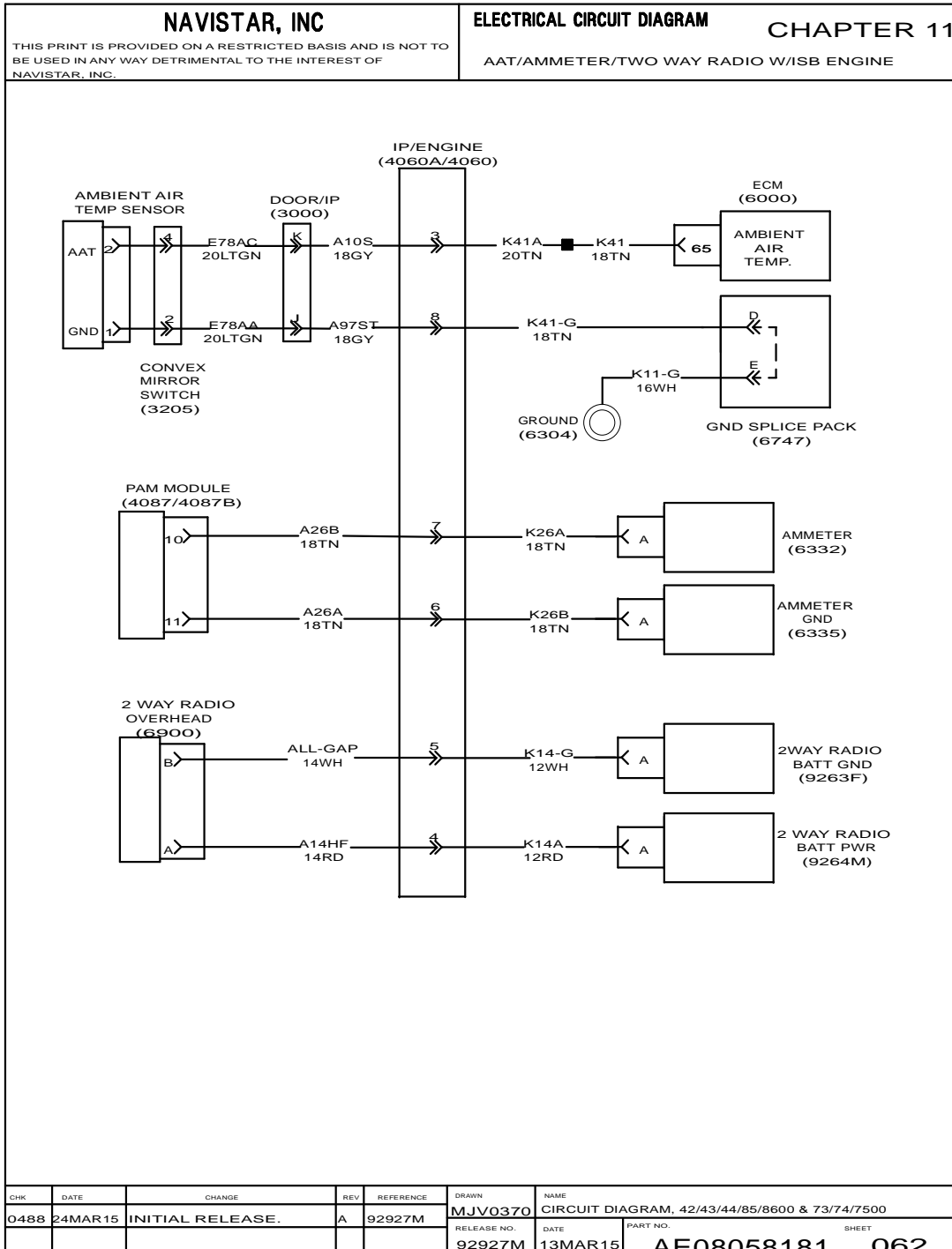


Figure 604 AAT / Ammeter / Two-Way Radio with ISB Engine

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

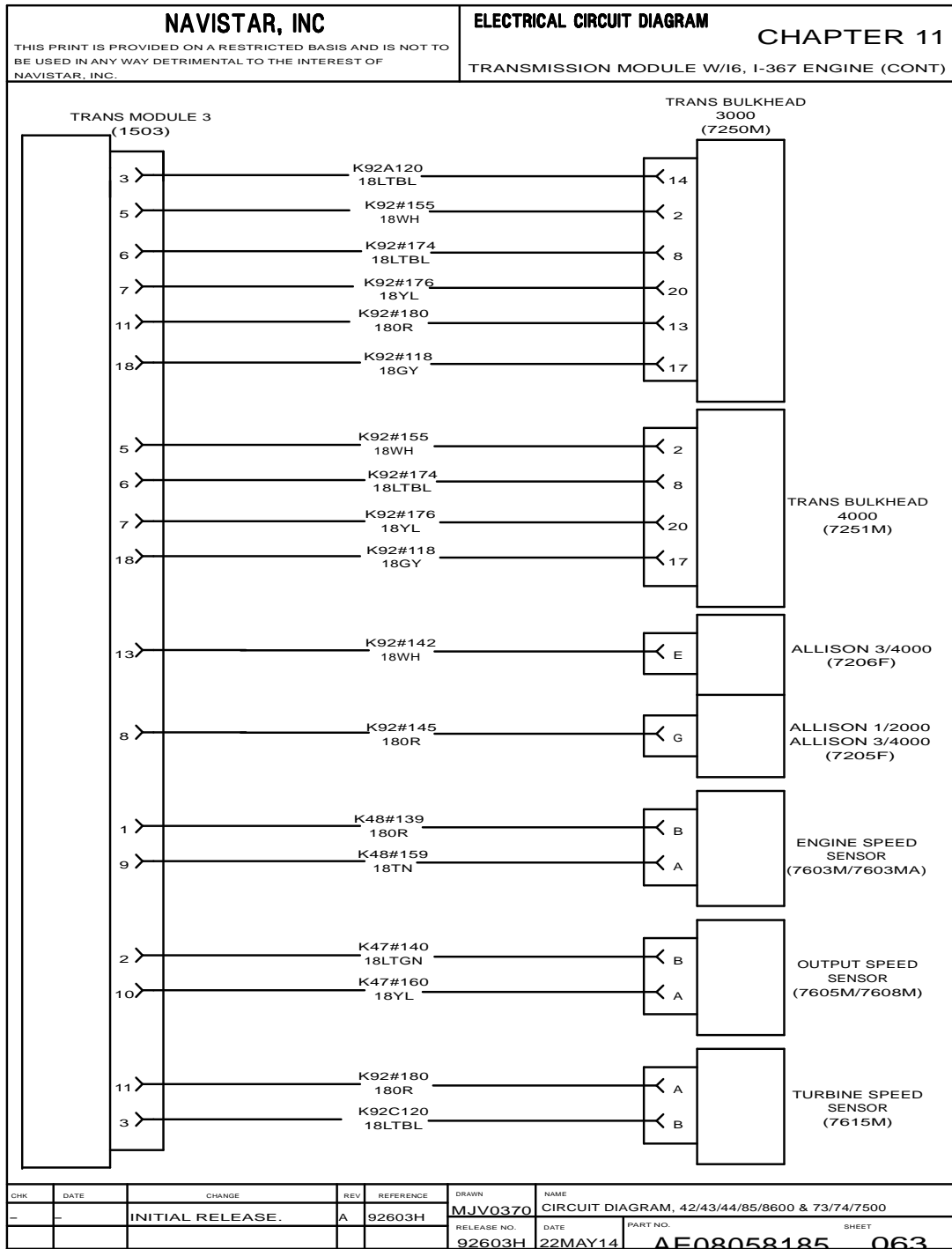


Figure 605 Transmission Module with I6, I-367 Engine (Cont.)

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

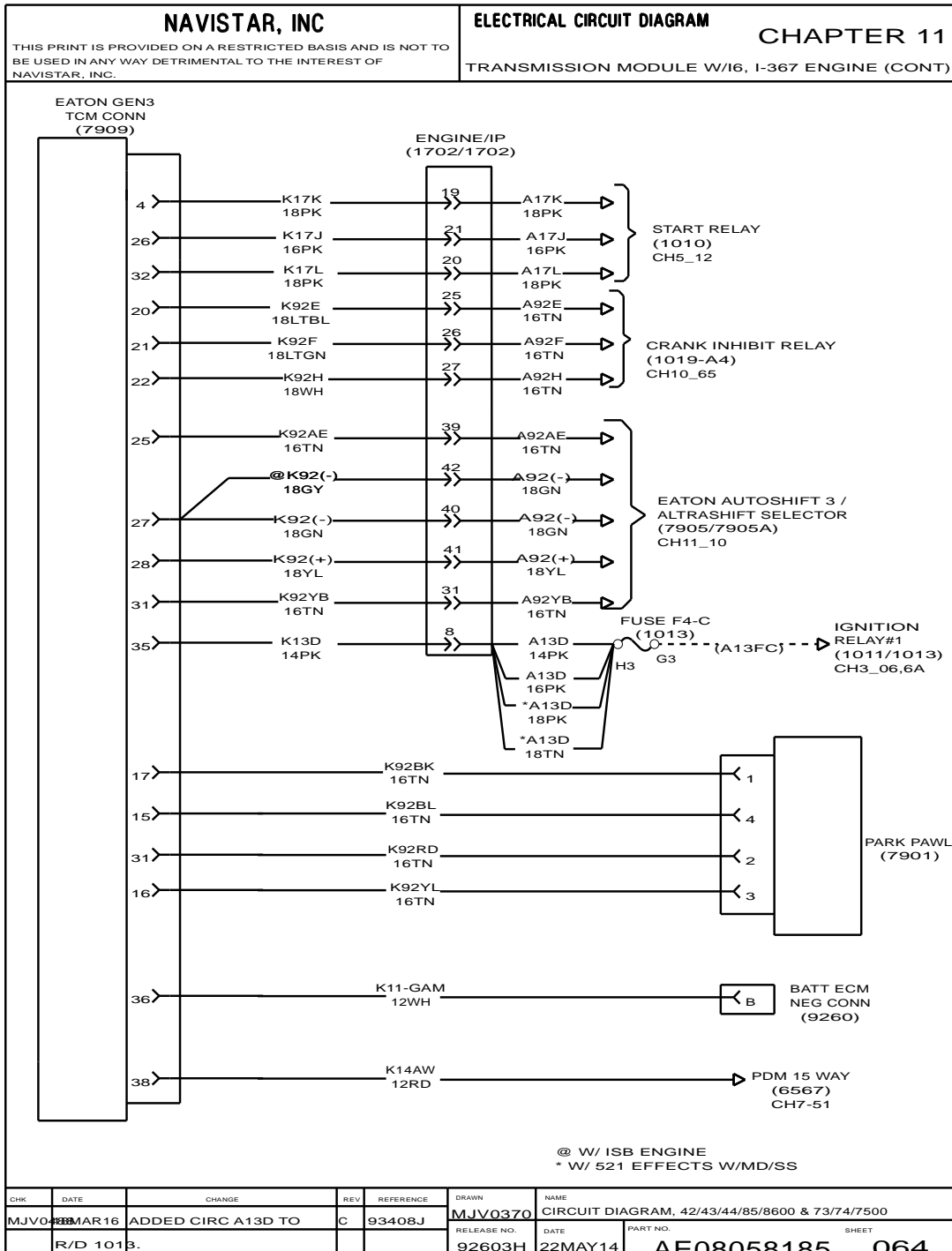


Figure 606 Transmission Module with I6, I-367 Engine (Cont.)



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

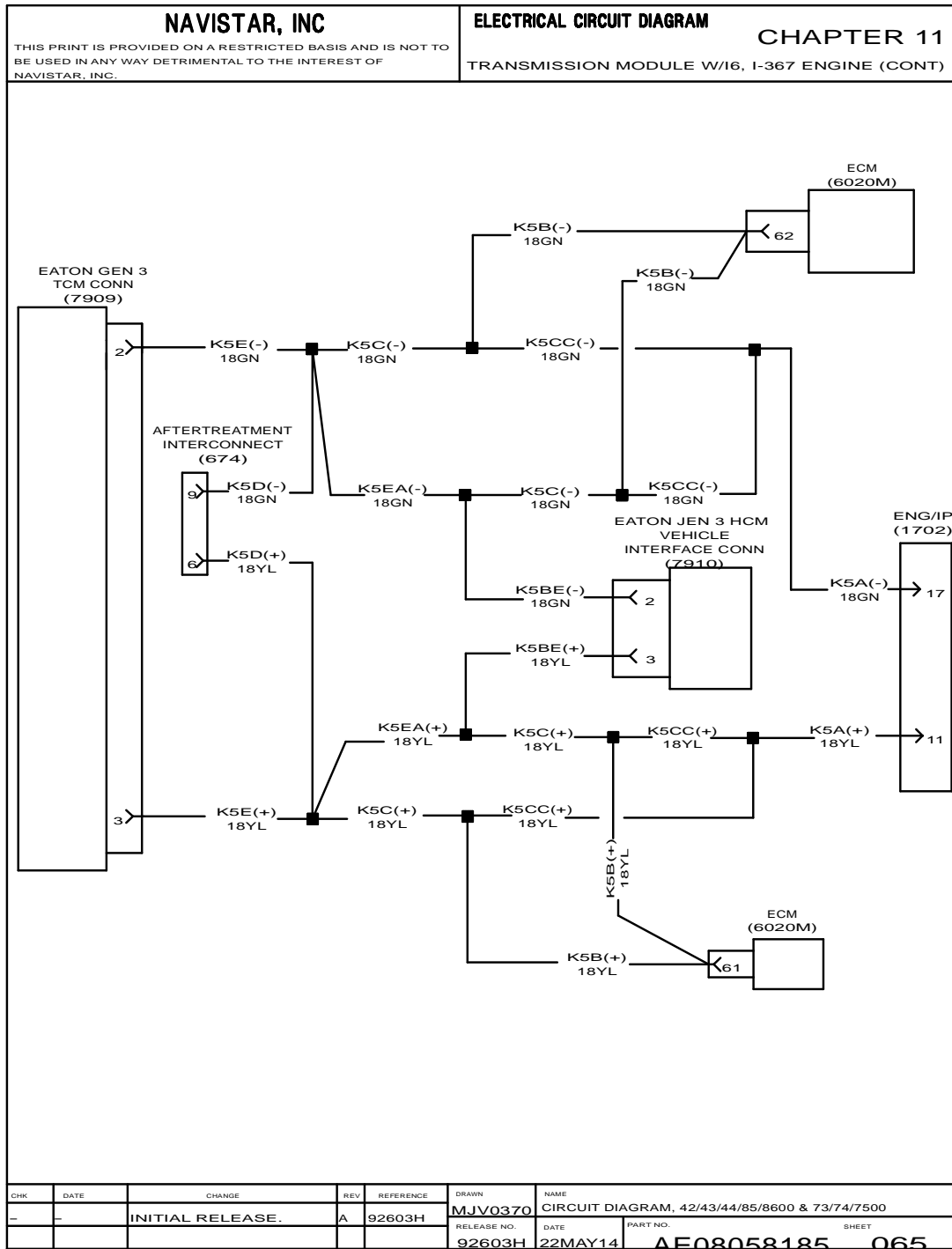


Figure 607 Transmission Module with I6, I-367 Engine (Cont.)

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

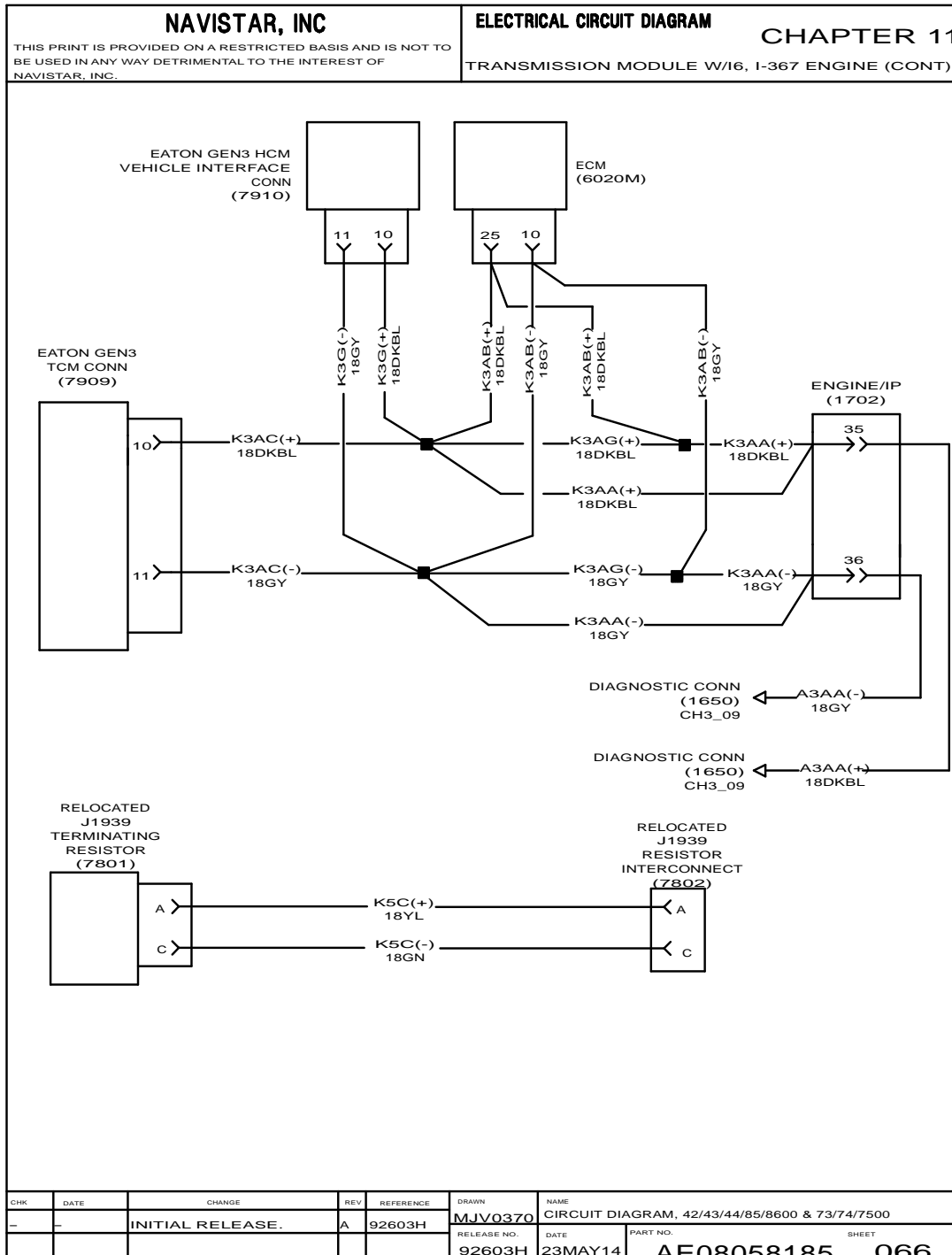


Figure 608 Transmission Module with I6, I-367 Engine (Cont.)

11.77. INTENTIONALLY LEFT BLANK, P. 67

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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
0488	24MAR15	REMOVED GEOMETRY.	B	92927M	MJV0370	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
					RELEASE NO.	DATE	PART NO. SHEET
					92603H	22MAY14	AE08058185 067

Figure 609 Intentionally Left Blank

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

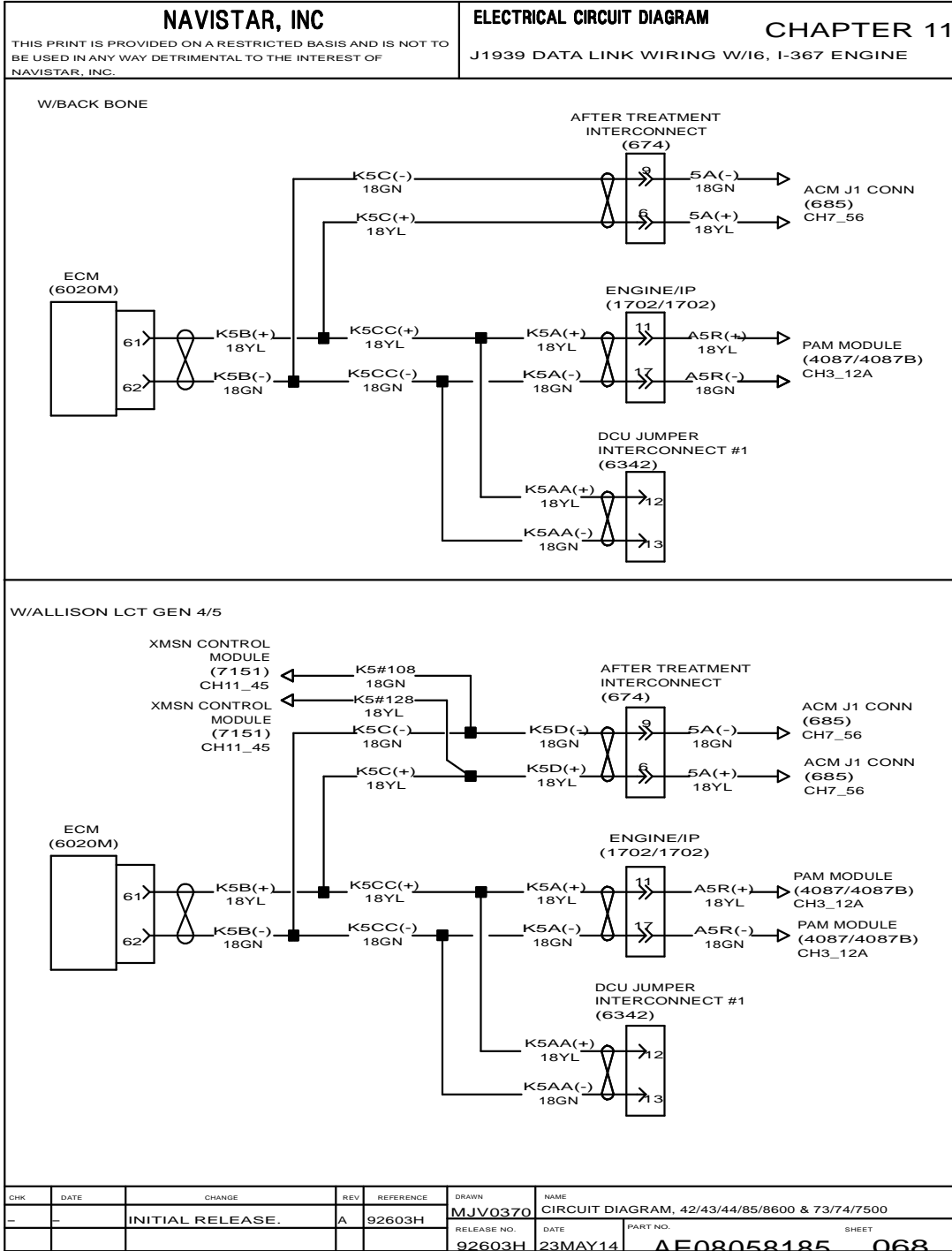


Figure 610 J1939 Data Link Wiring with I6, I-367 Engine

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

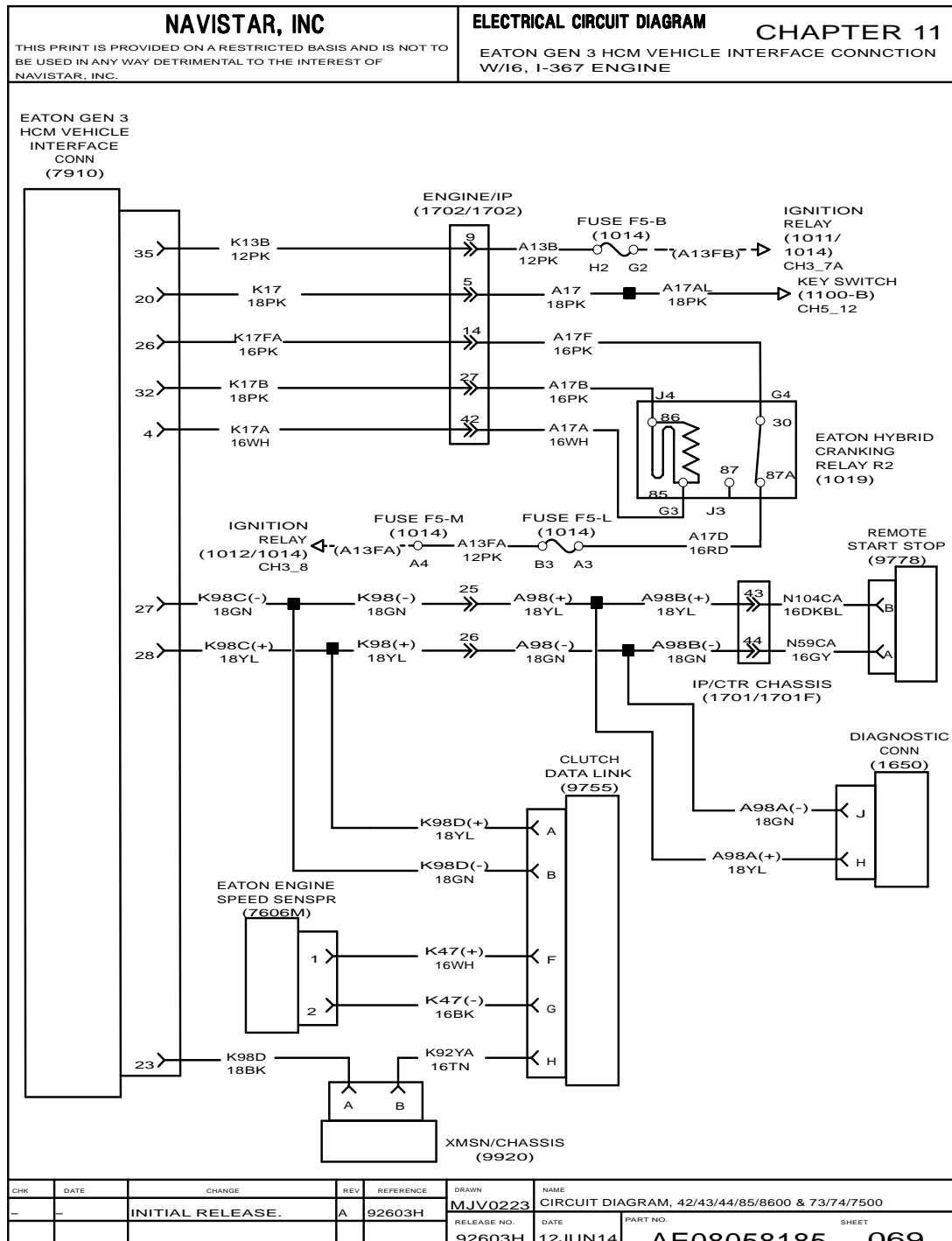


Figure 611 Eaton Gen 3 HCM Vehicle Interface Connection with I6, I-367 Engine

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

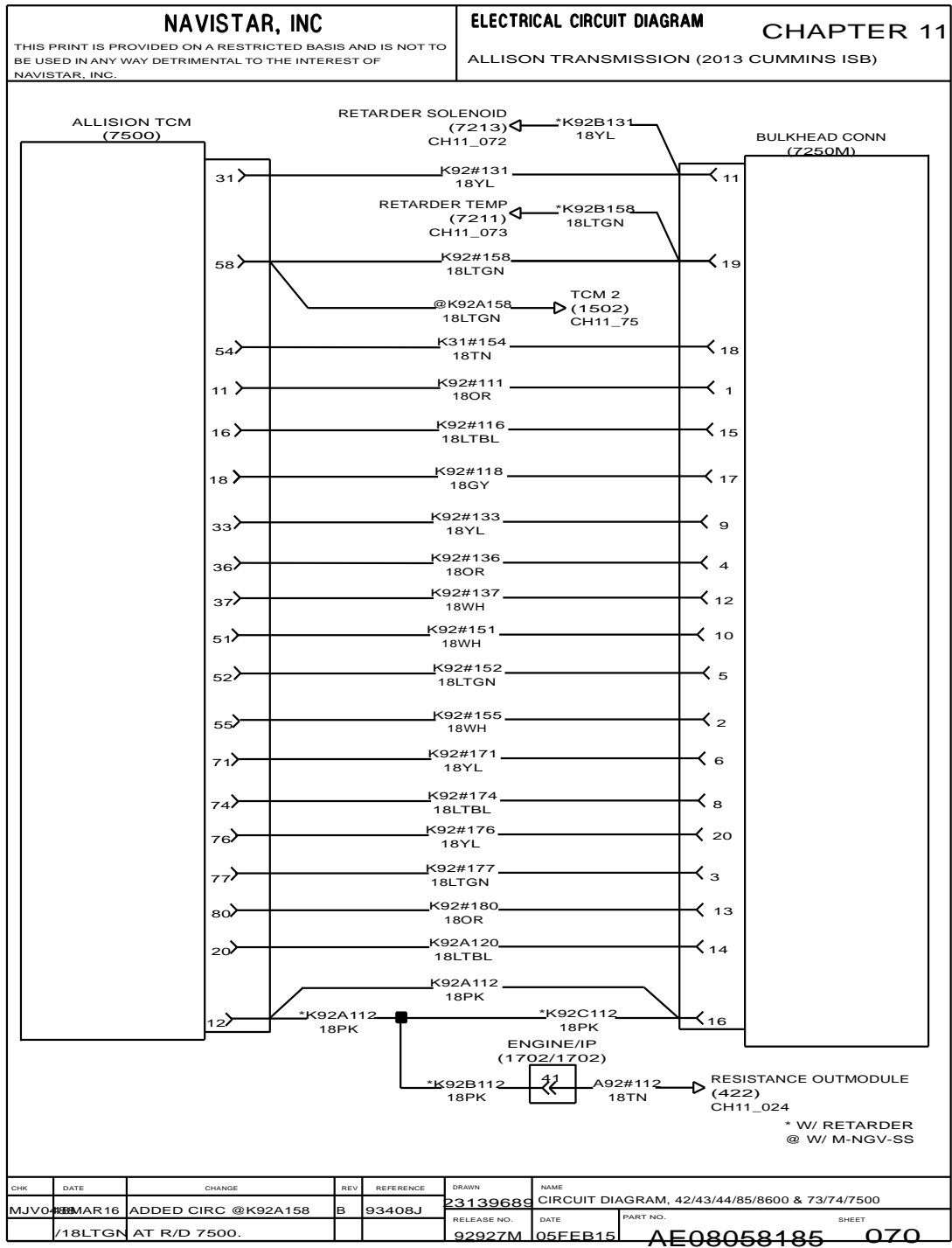


Figure 612 Allison Transmission (2013 Cummins ISB)

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

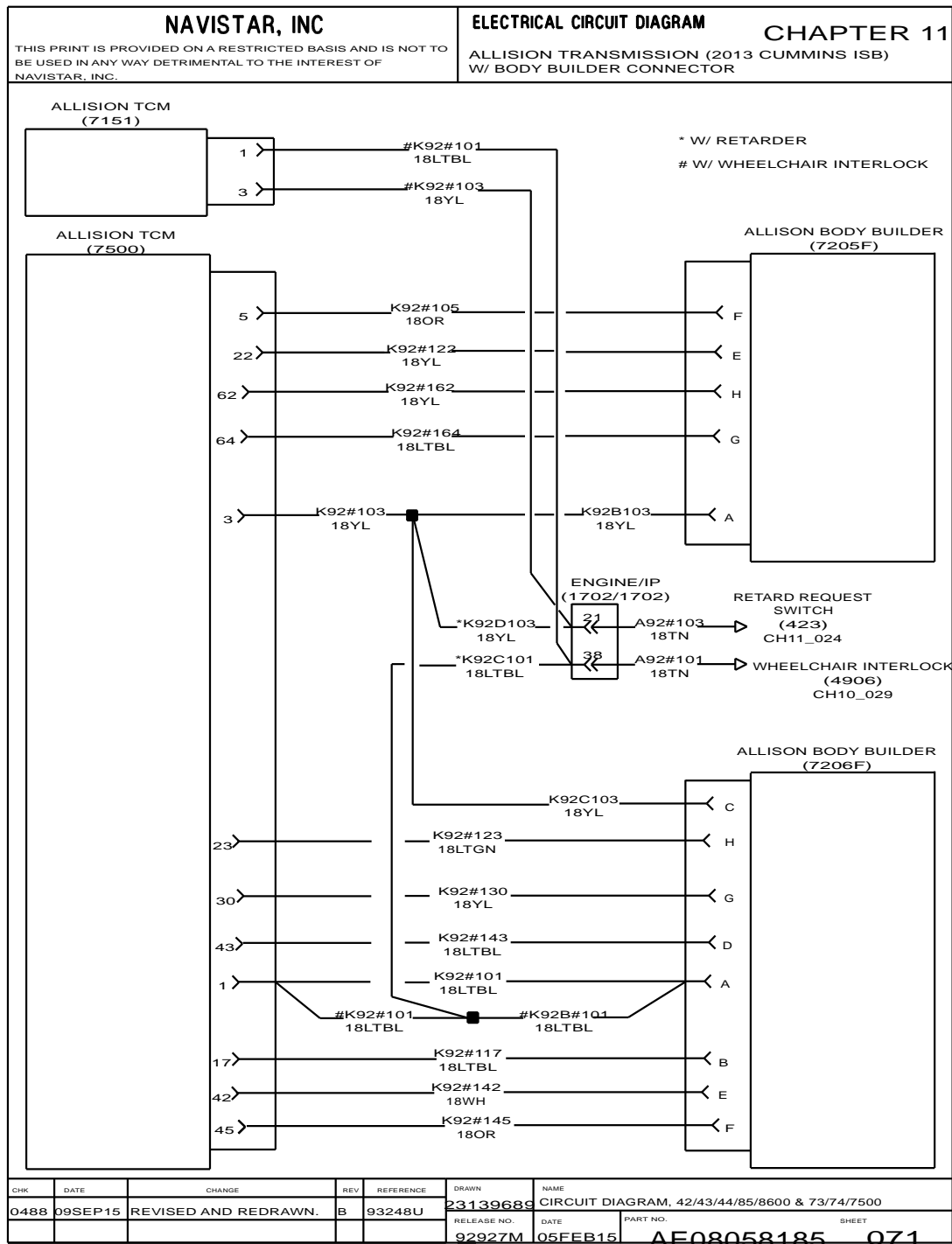


Figure 613 Allison Transmission (2013 Cummins ISB) with Body Builder Connector

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

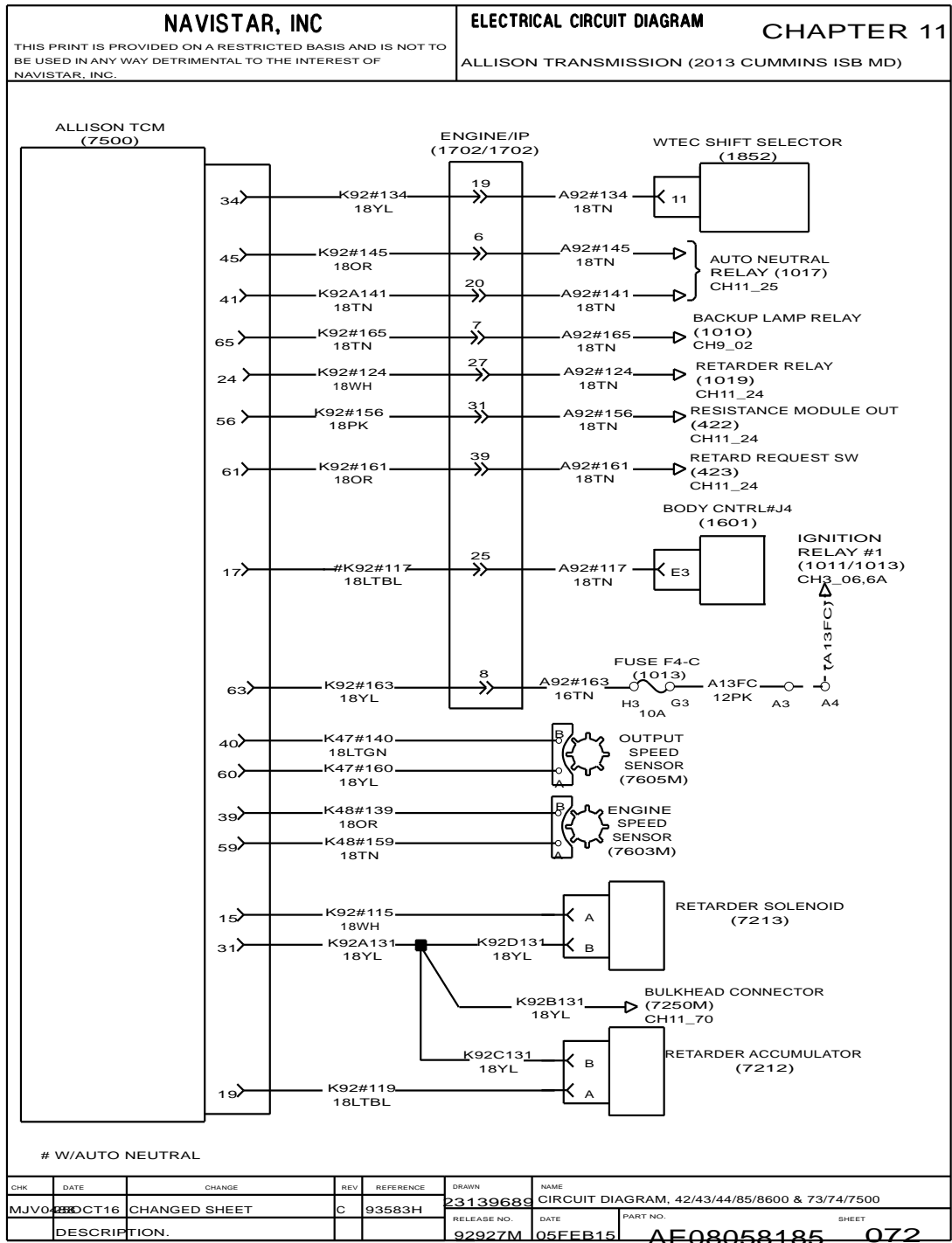


Figure 614 Allison Transmission (2013 Cummins ISB MD)



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

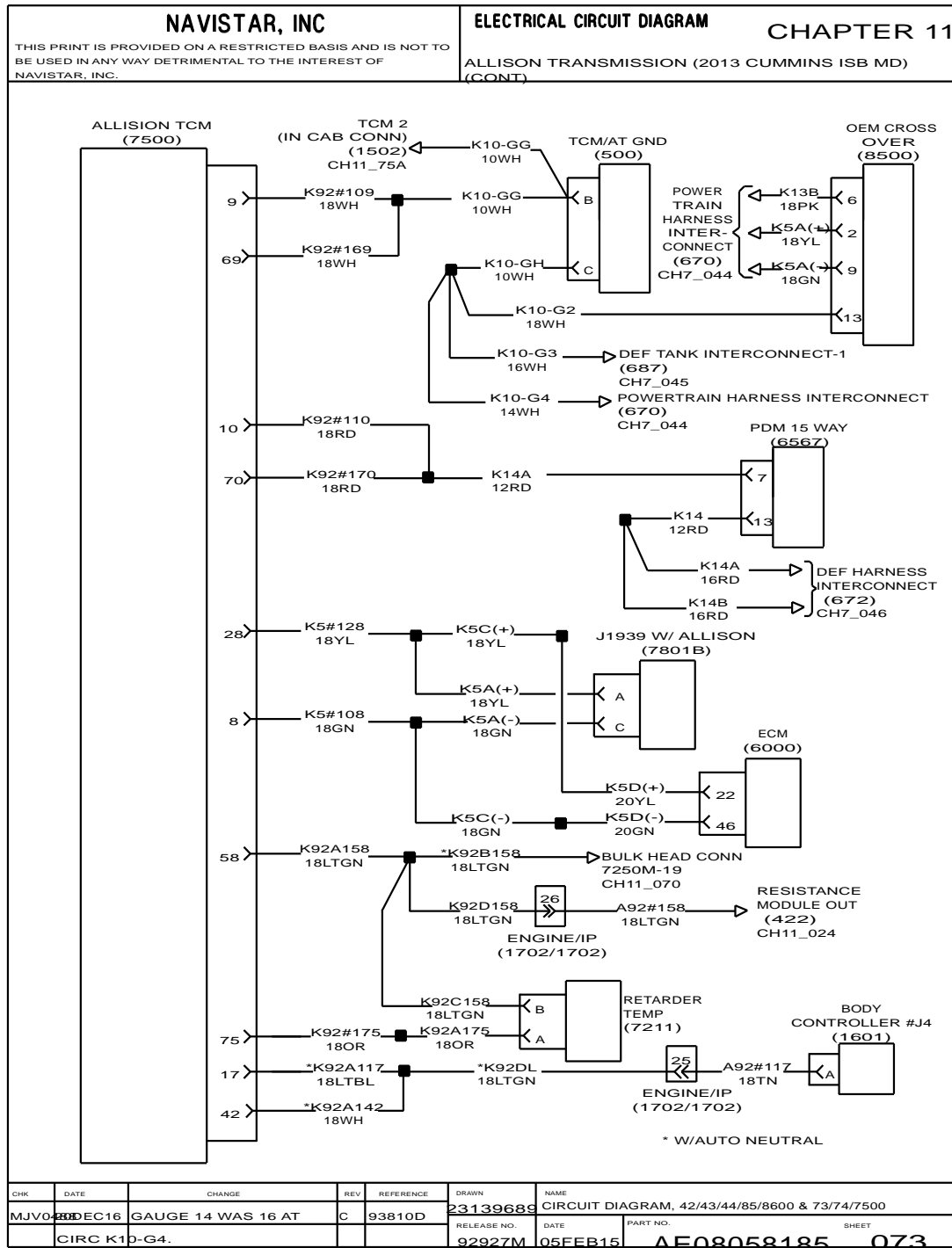


Figure 615 Allison Transmission (2013 Cummins ISB MD) (Cont.)



11.85. ALLISON TRANSMISSION WITH GEN5 WITH CUMMINS ISB ENGINE WITH M-NGV-MD, P. 74A

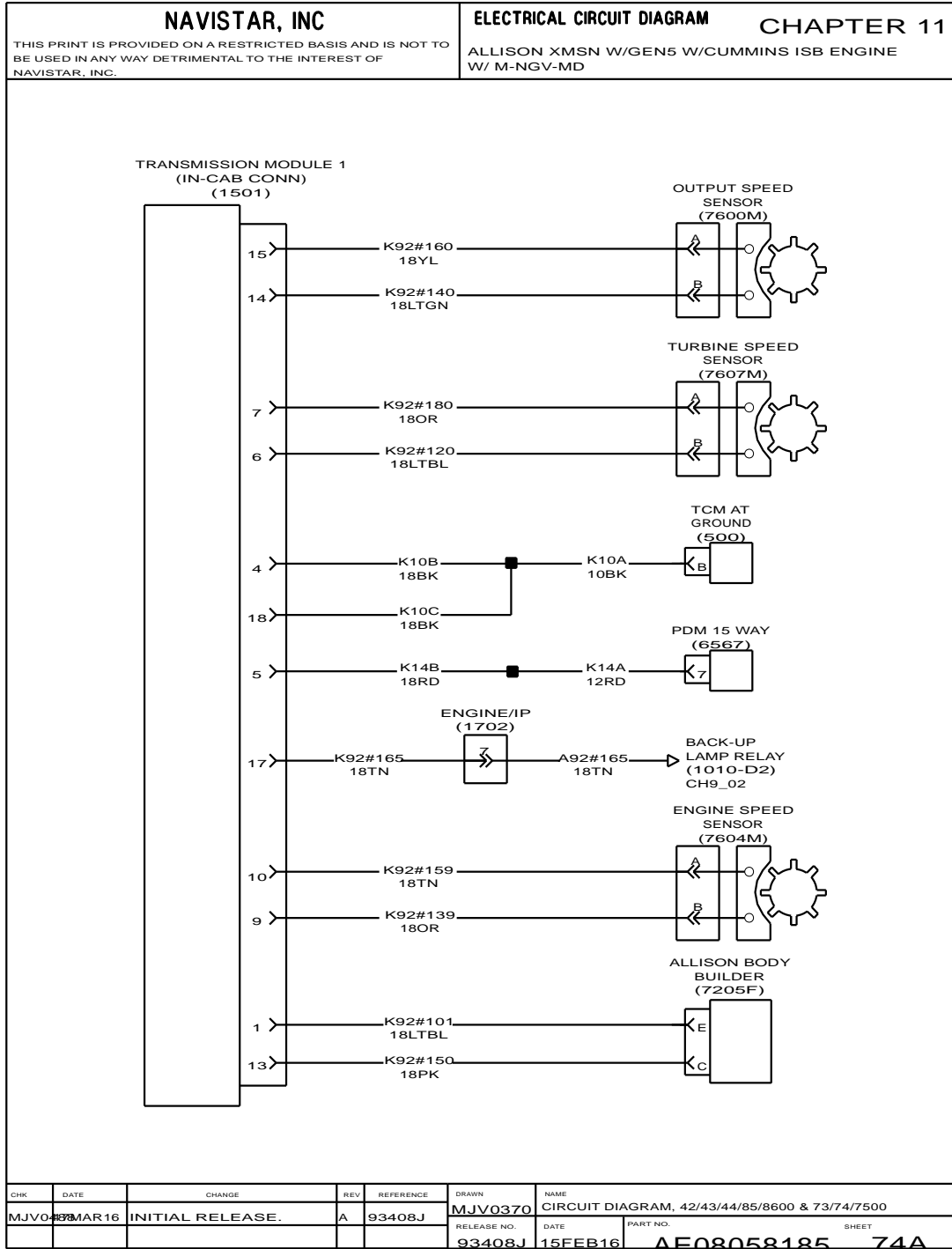


Figure 617 Allison Transmission with GEN5 with Cummins ISB Engine with M-NGV-MD

11.86. ALLISON TRANSMISSION WITH GEN5 IN CAB WITH ISB ENGINE (CONT.), P. 75

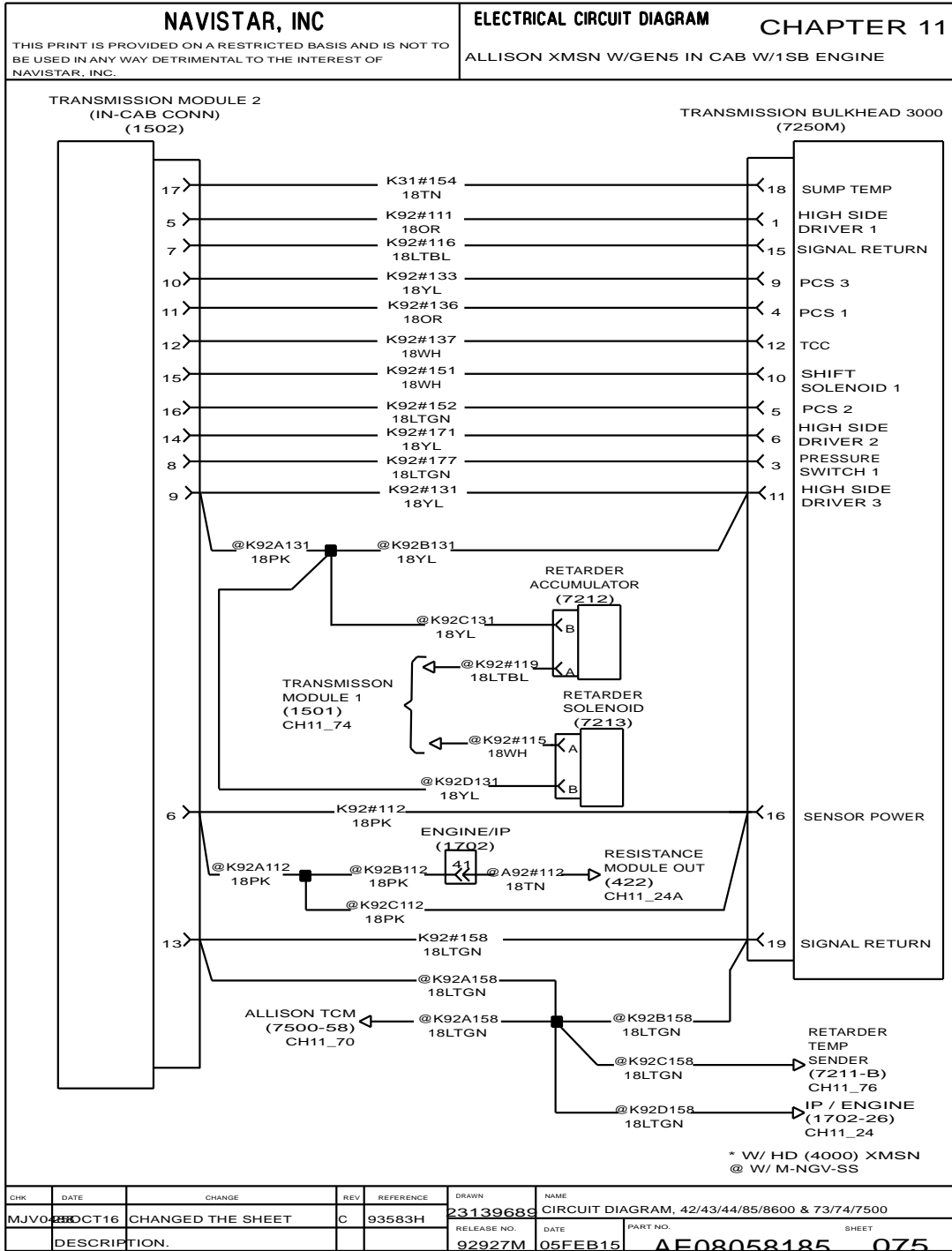


Figure 618 Allison Transmission with GEN5 in Cab with ISB Engine (Cont.)

11.87. ALLISON TRANSMISSION WITH GEN5 IN CAB WITH ISB ENGINE (CONT.), P. 75A

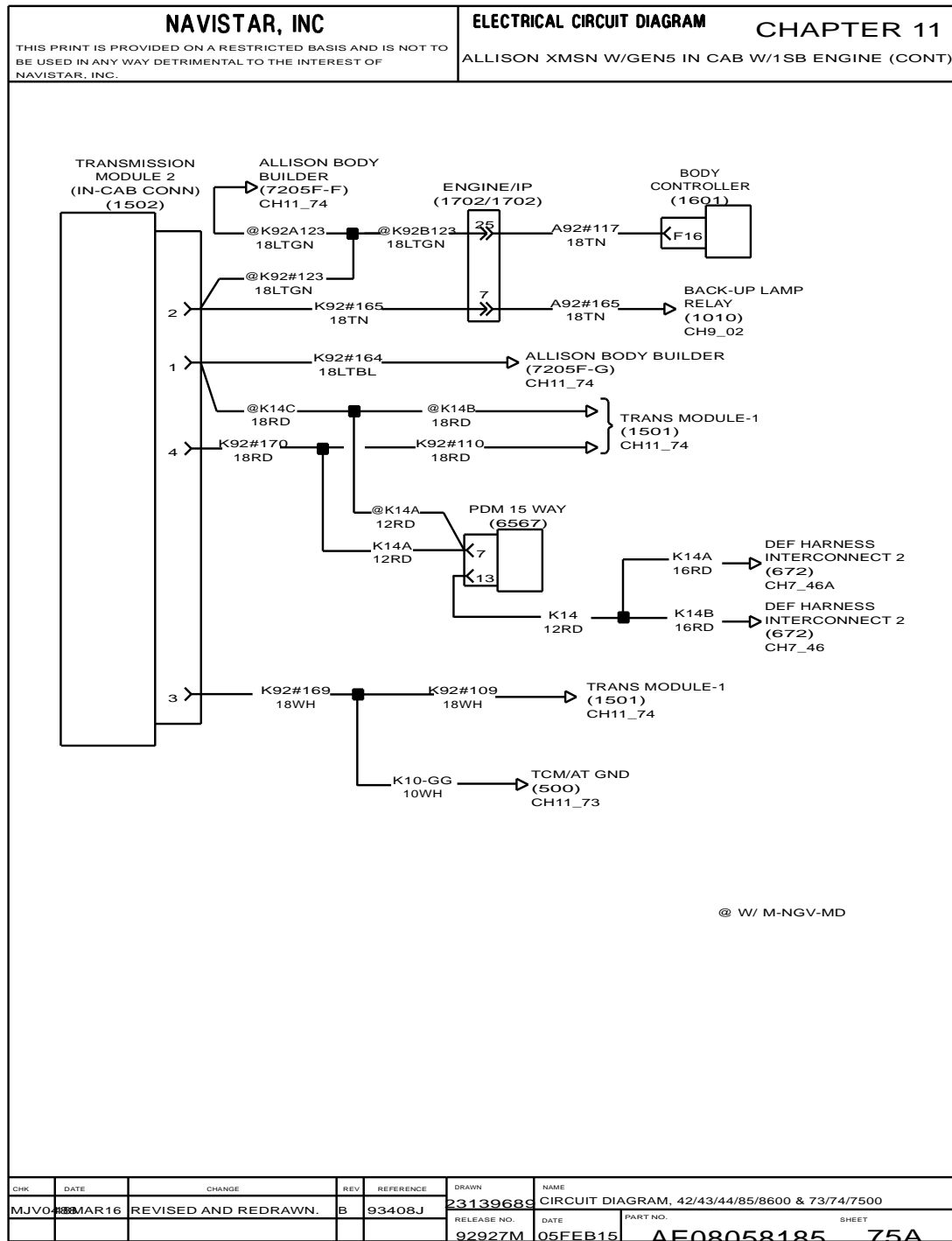


Figure 619 Allison Transmission with GEN5 in Cab with ISB Engine (Cont.)

11.88. ALLISON TRANSMISSION WITH GEN5 WITH CUMMINS ISB ENGINE WITH M-NGV-MD, P. 75B

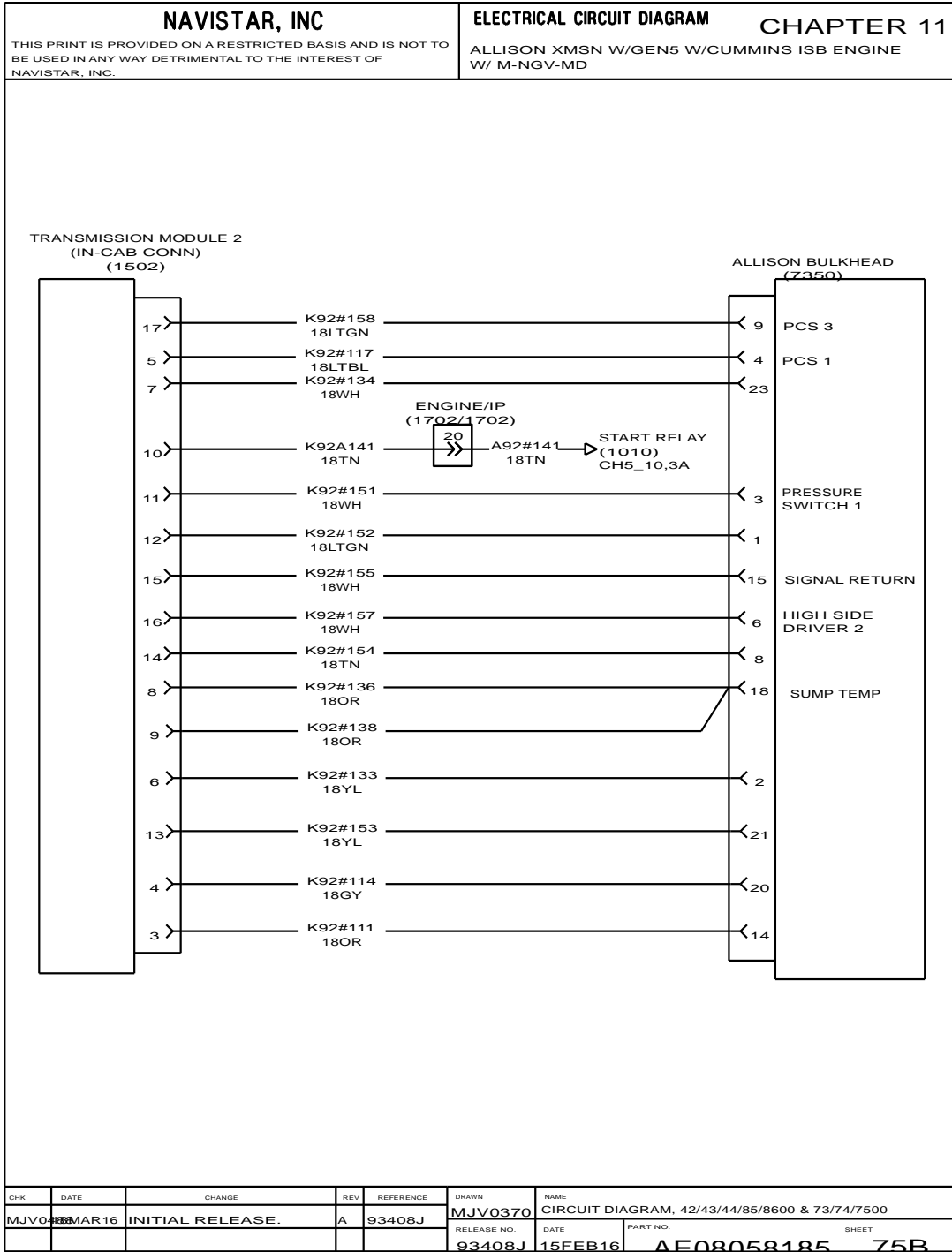


Figure 620 Allison Transmission with Cummins ISB Engine with M-NGV-MD

11.89. ALLISON TRANSMISSION WITH GEN5 IN CAB WITH ISB ENGINE, P. 76

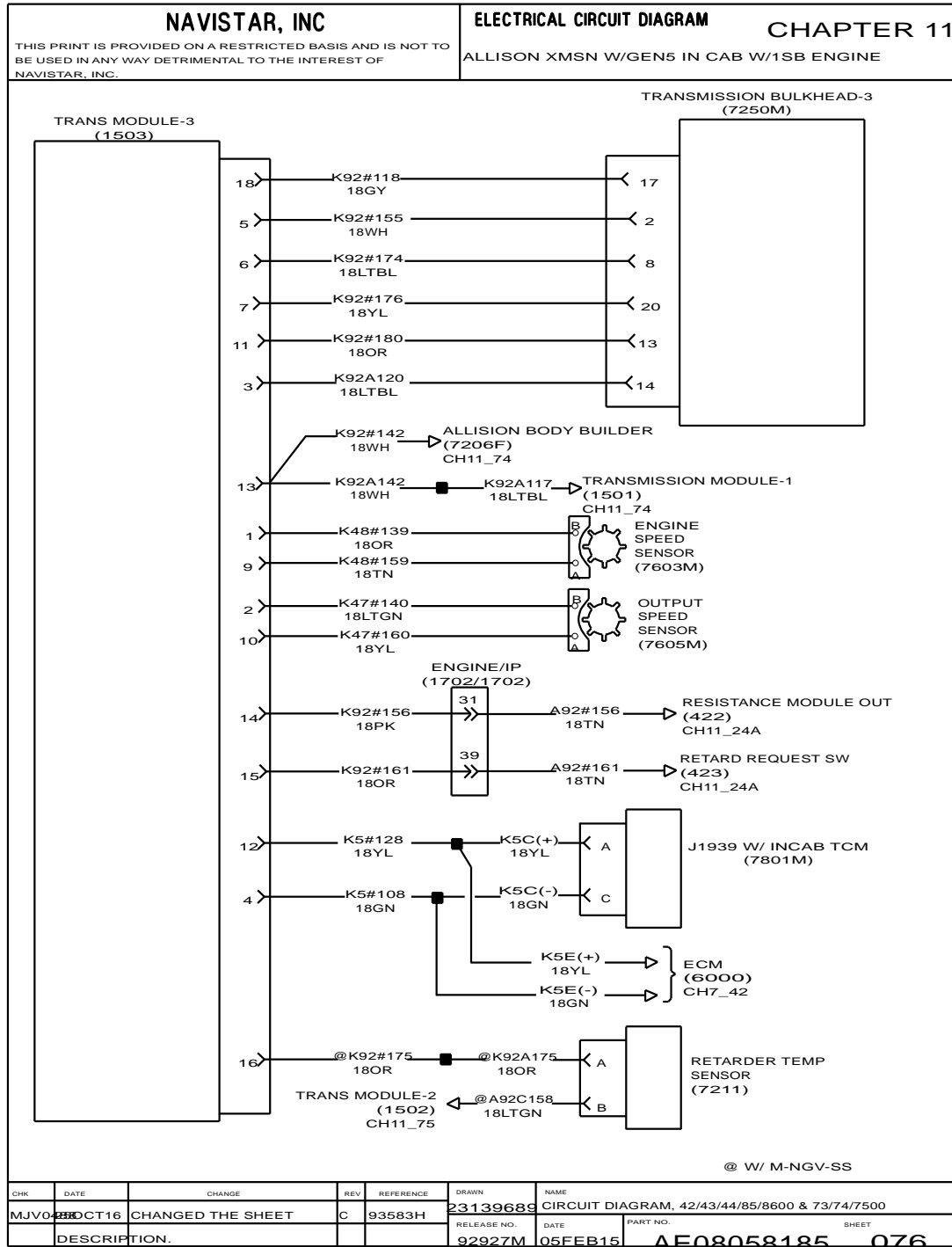


Figure 621 Allison Transmission with GEN5 in Cab with ISB Engine

11.90. ALLISON TRANSMISSION WITH GEN5 WITH CUMMINS ISB ENGINE WITH M-NGV-MD, P. 76A

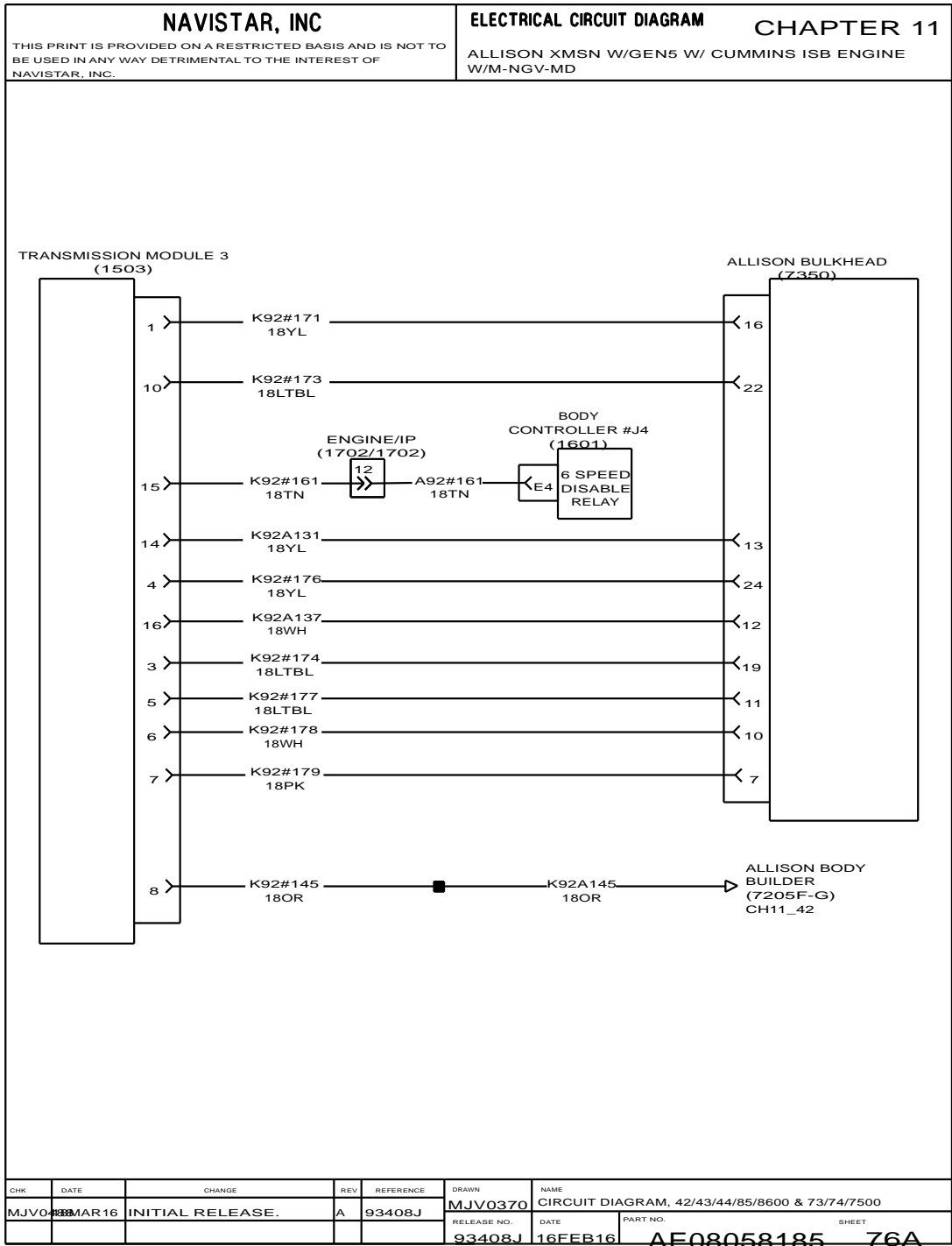


Figure 622 Allison Transmission with Cummins ISB Engine with M-NGV-MD



11.91. ULTRASHIFT TRANSMISSION WITH ISB ENGINE, P. 77

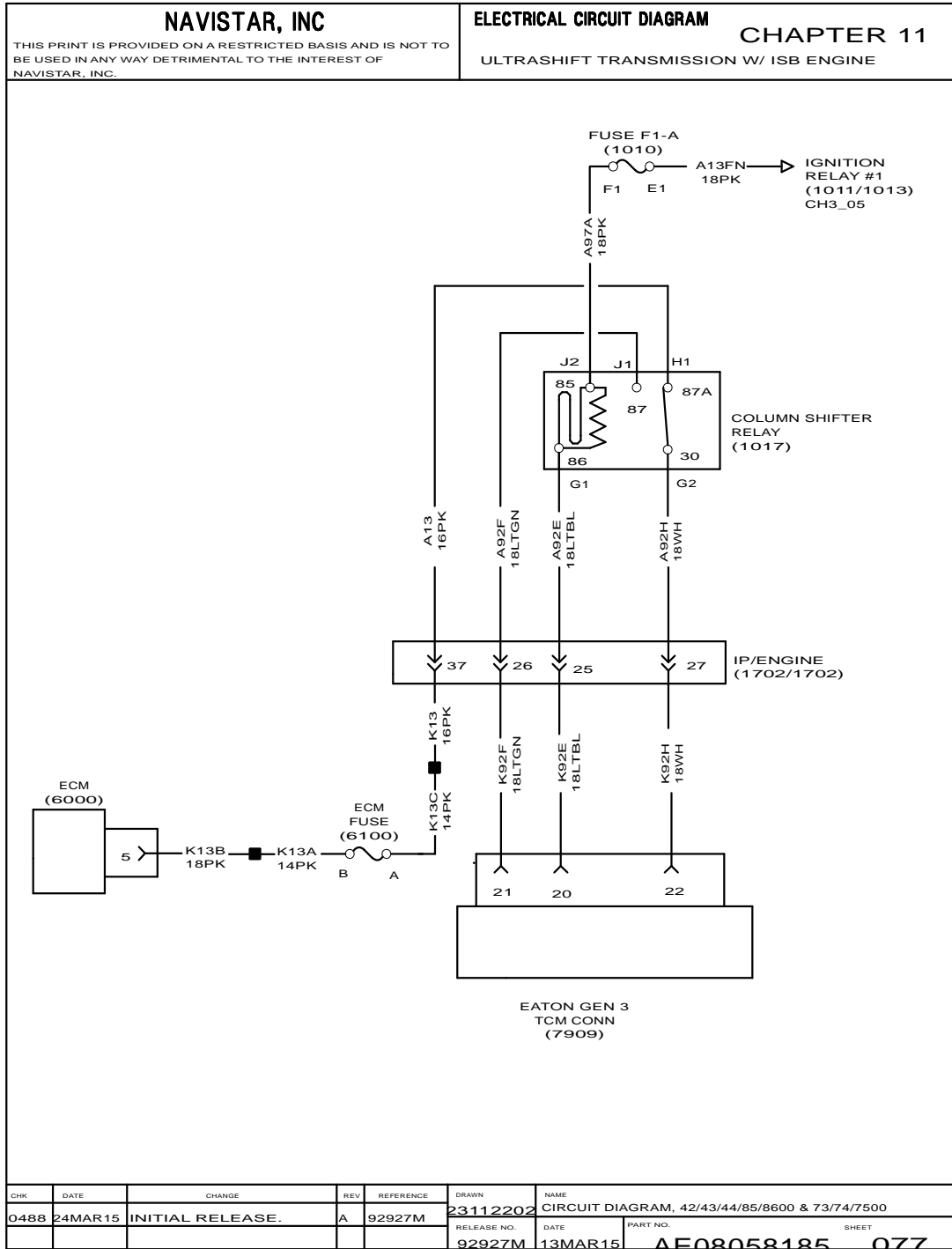


Figure 623 Ultrashift Transmission with ISB Engine

11.92. J1939 250K / 500K EATON PROCISSION TRANSMISSION, P. 78

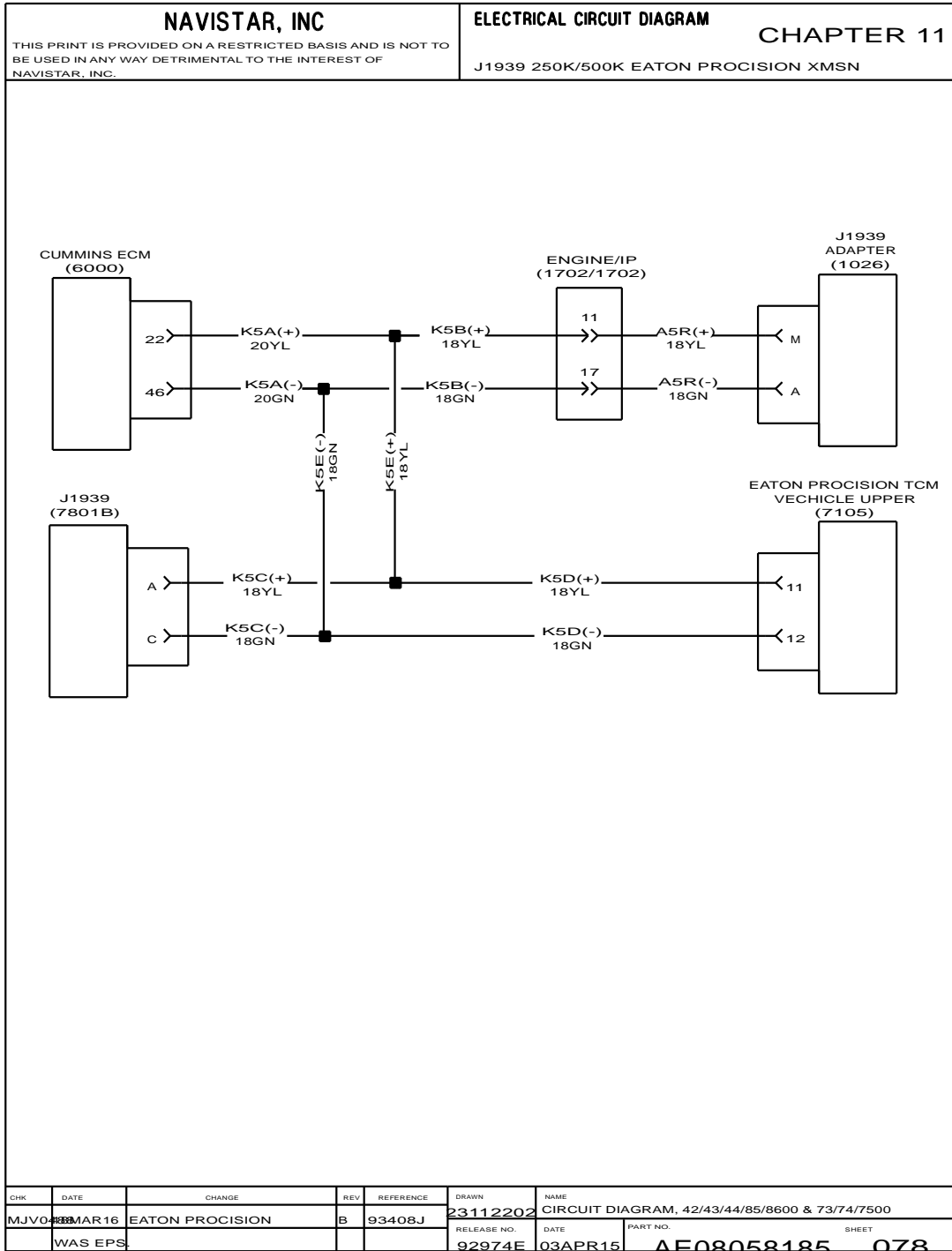


Figure 624 J1939 250K / 500K Eaton ProciSSION Transmission

11.93. EATON PROCISION TRANSMISSION WITH PUSH BUTTON, WITH T-HANDLE WITH ISB ENGINE, P. 79

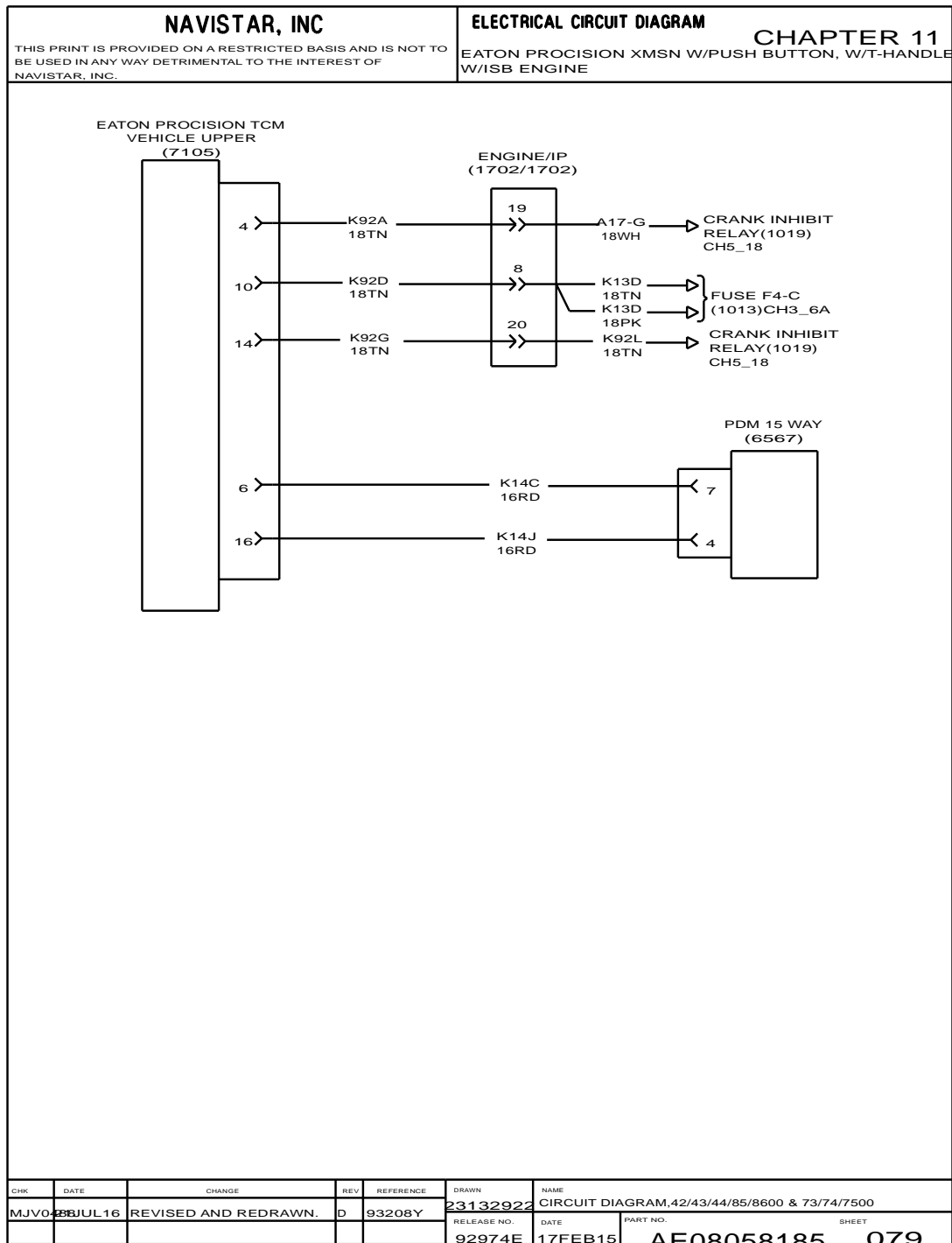


Figure 625 Eaton Precison Transmission with Push Button, with T-Handle with ISB Engine

11.94. EATON PROCISION TRANSMISSION WITH PUSH BUTTON, WITH T-HANDLE WITH ISB ENGINE (CONT.), P. 80

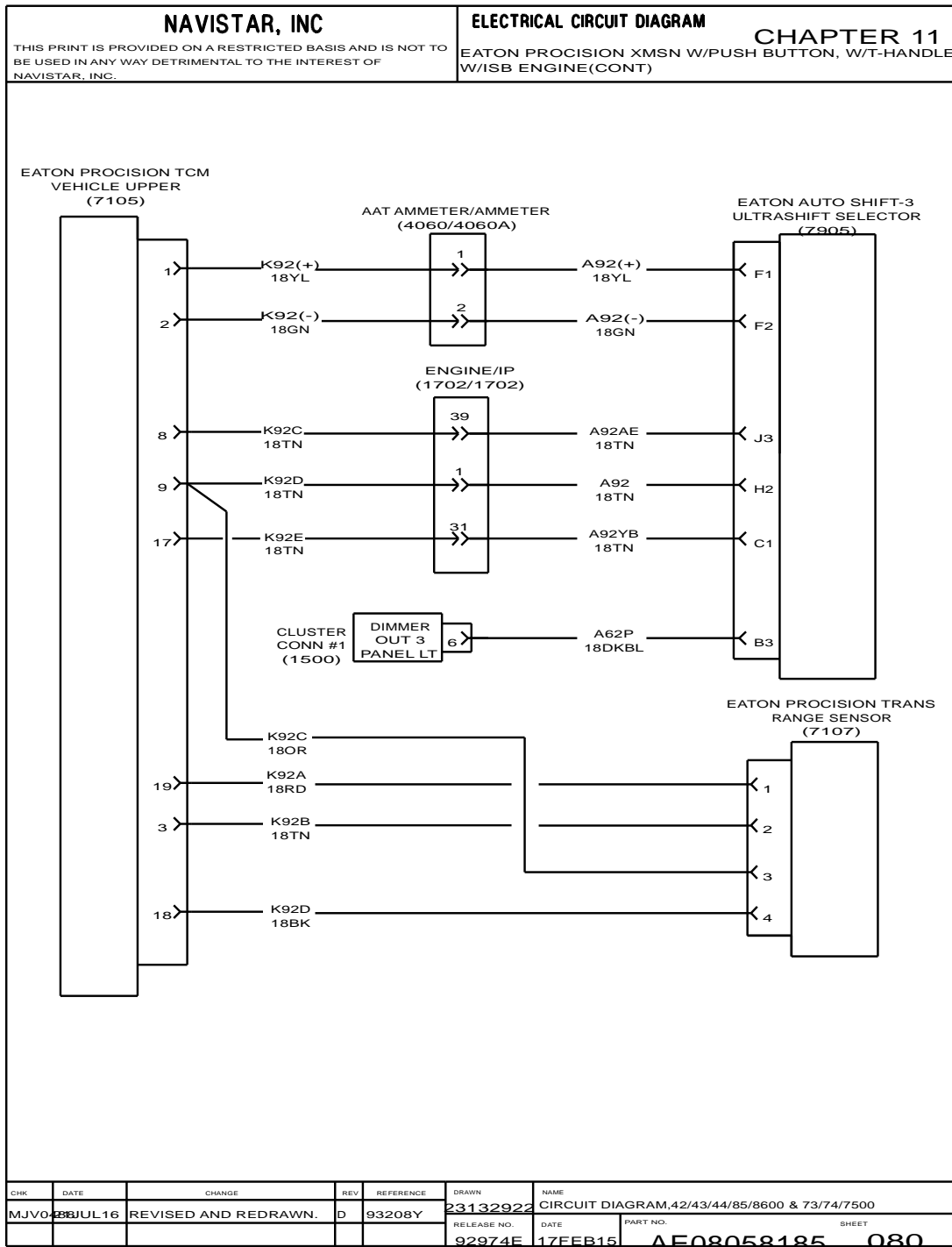


Figure 626 Eaton Procision Transmission with Push Button, with T-Handle with ISB Engine (Cont.)

11.95. EATON PROCISION TRANSMISSION WITH PUSH BUTTON, WITH T-HANDLE WITH ISB ENGINE (CONT.), P. 81

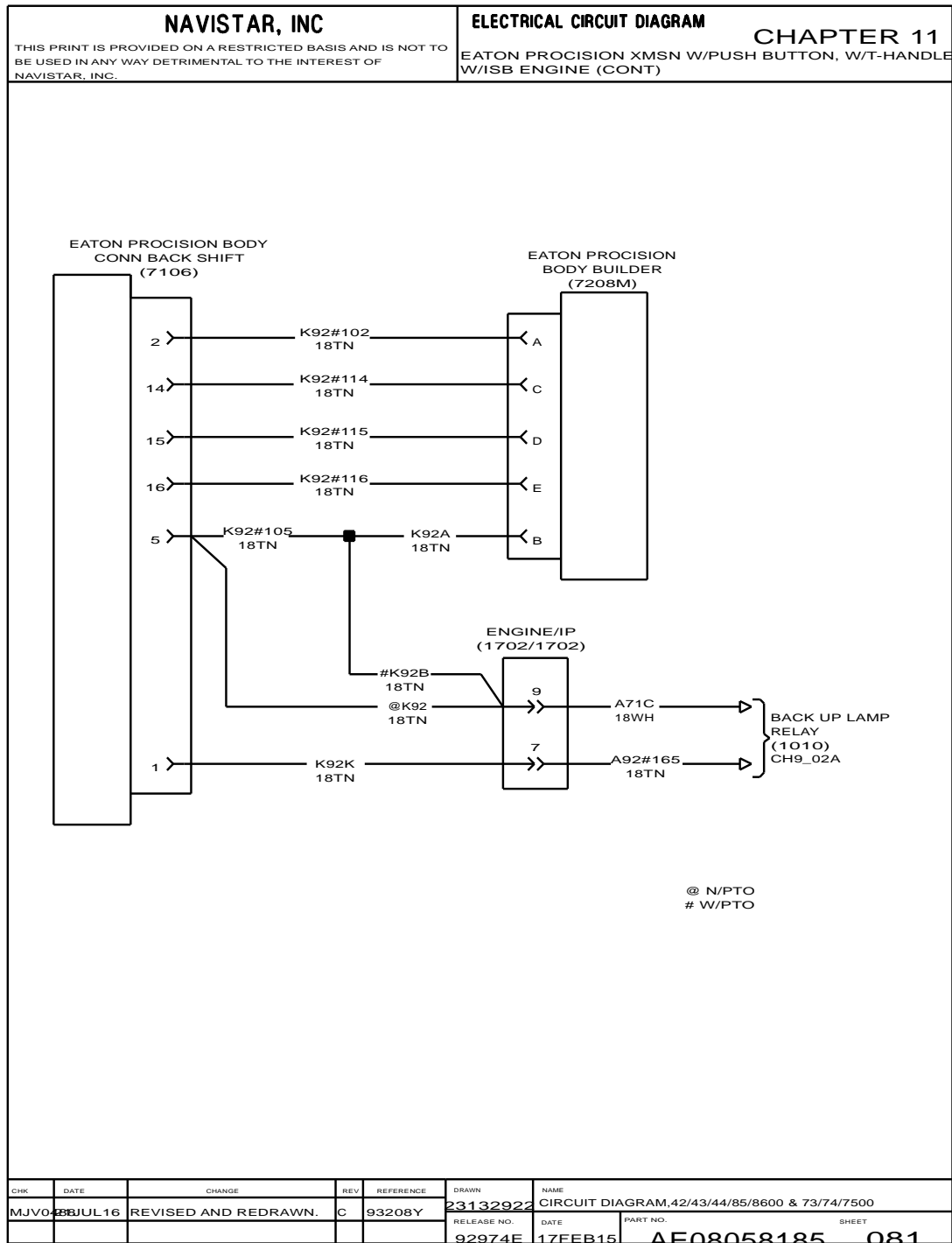


Figure 627 Eaton Procision Transmission with Push Button, with T-Handle with ISB Engine (Cont.)

11.96. TRANSMISSION CONTROL MODULE, P. 82

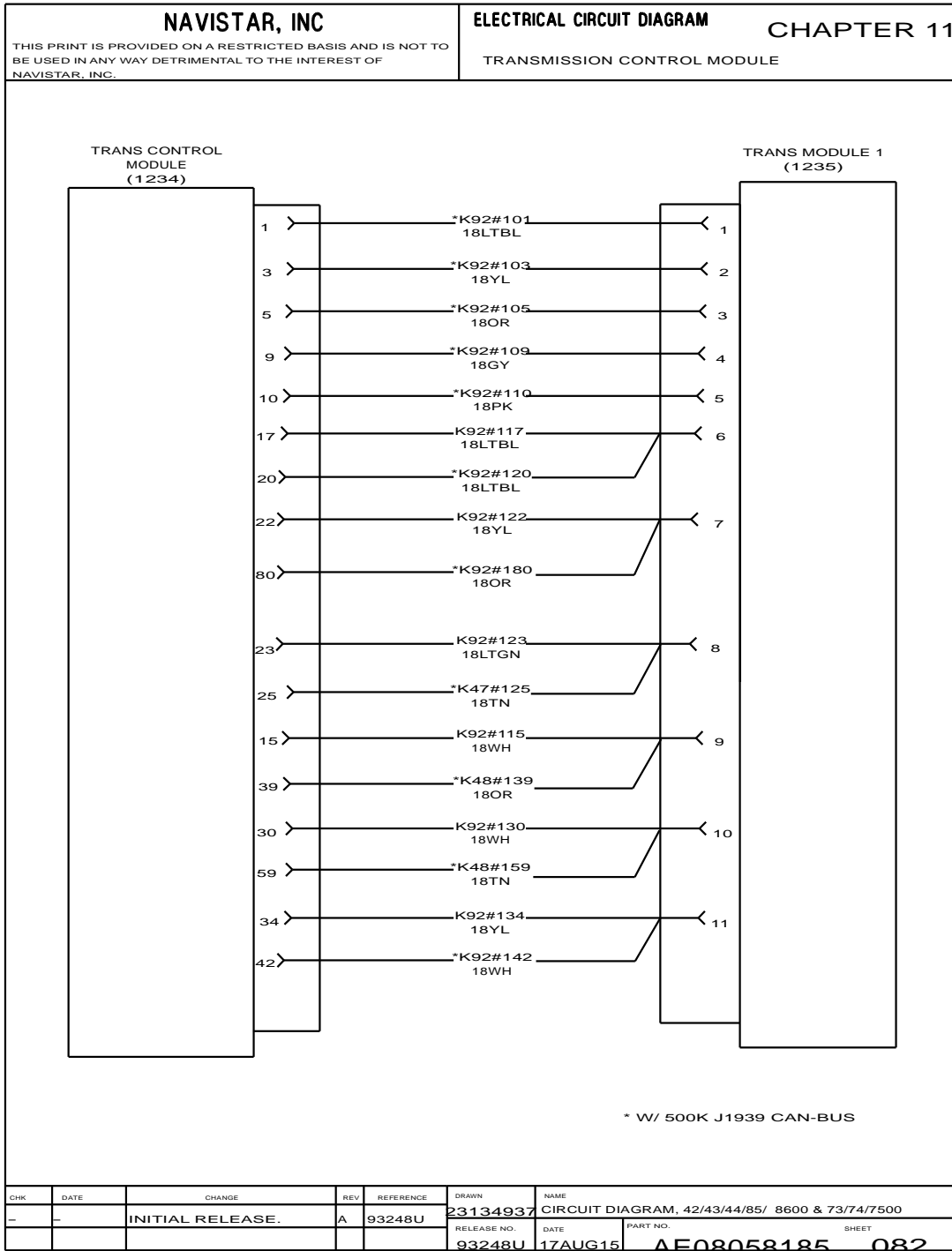


Figure 628 Transmission Control Module

11.97. TRANSMISSION CONTROL MODULE (CONT.), P. 83

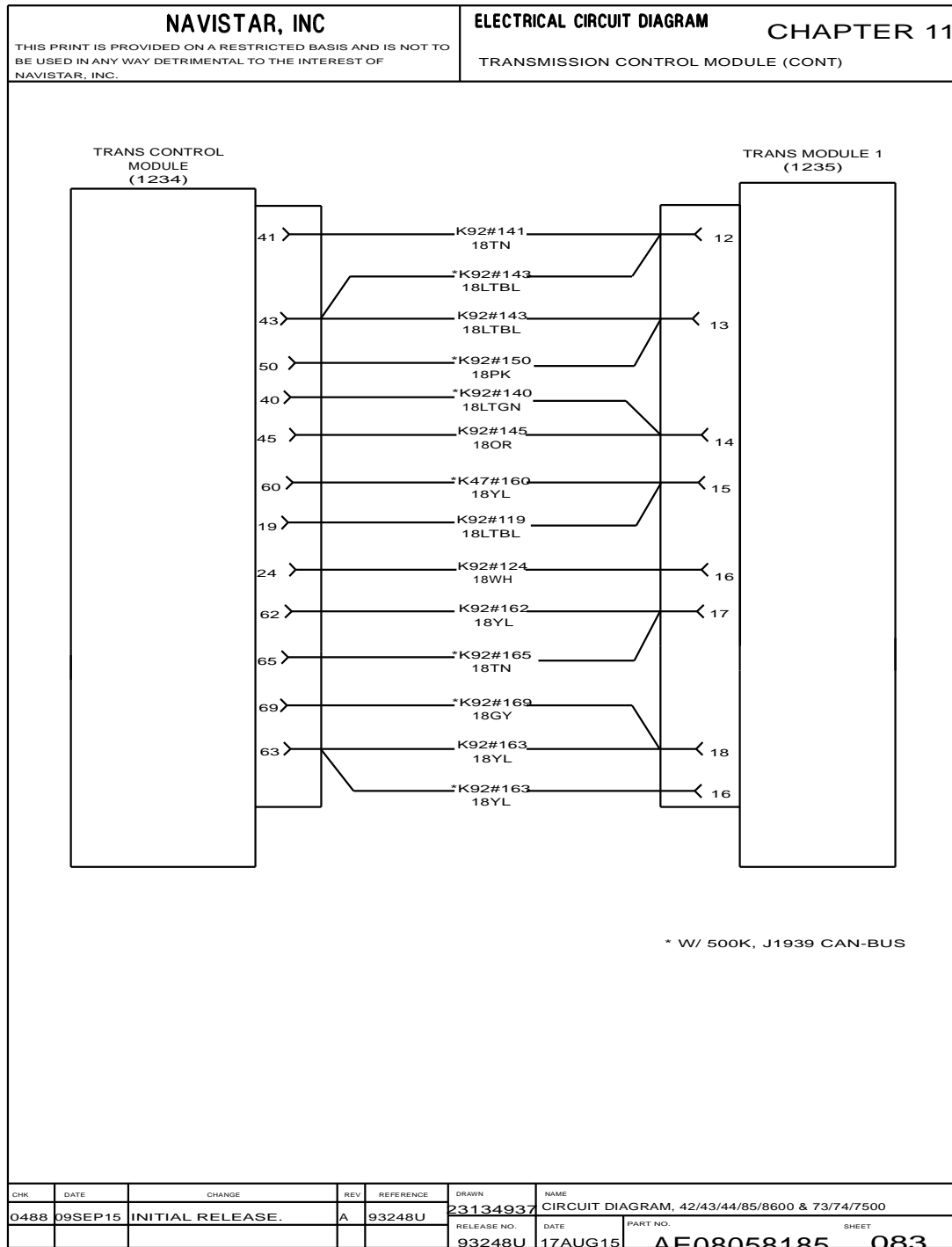


Figure 629 Transmission Control Module (Cont.)

11.98. TRANSMISSION CONTROL MODULE (CONT.), P. 84

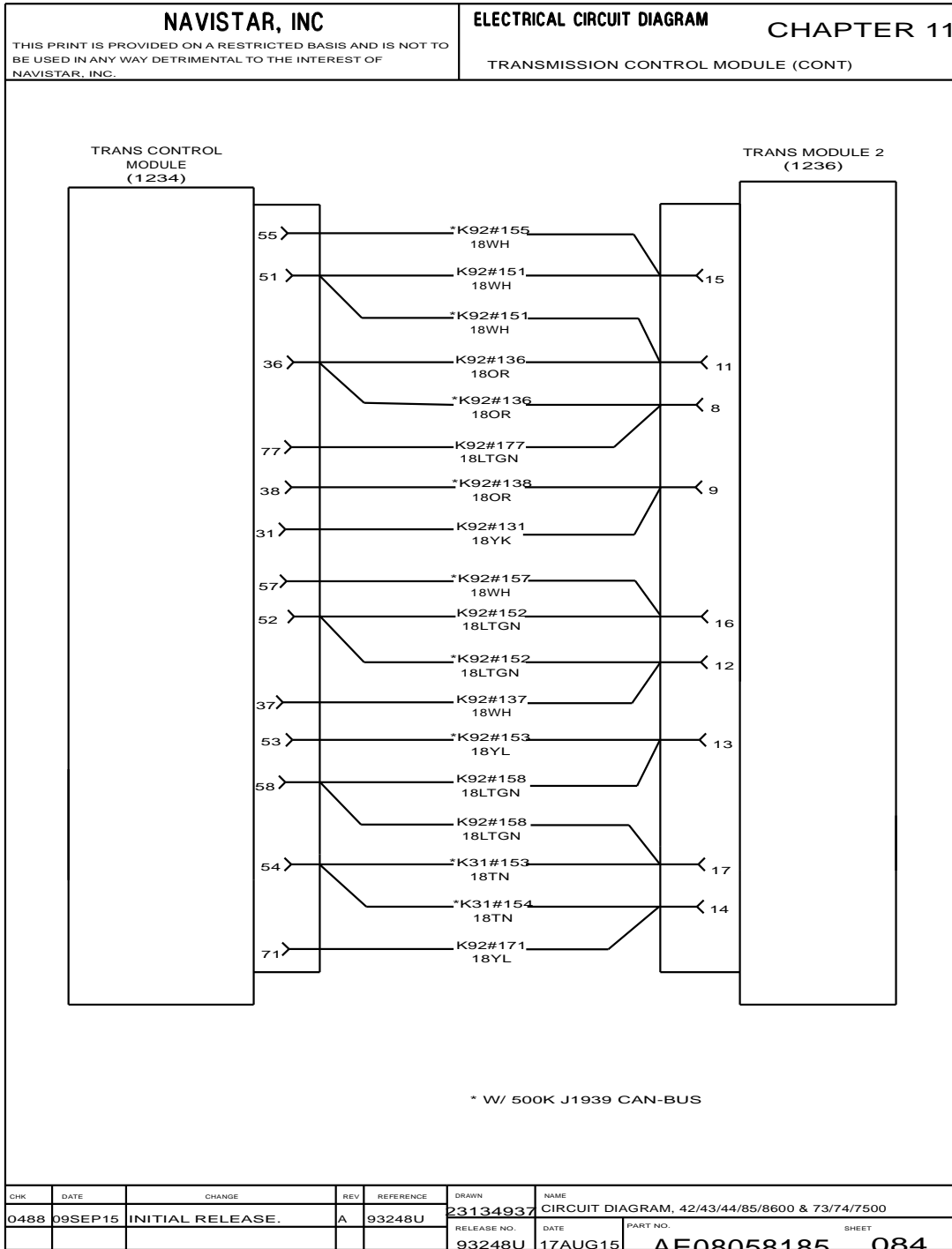


Figure 630 Transmission Control Module (Cont.)



11.99. TRANSMISSION CONTROL MODULE (CONT.), P. 85

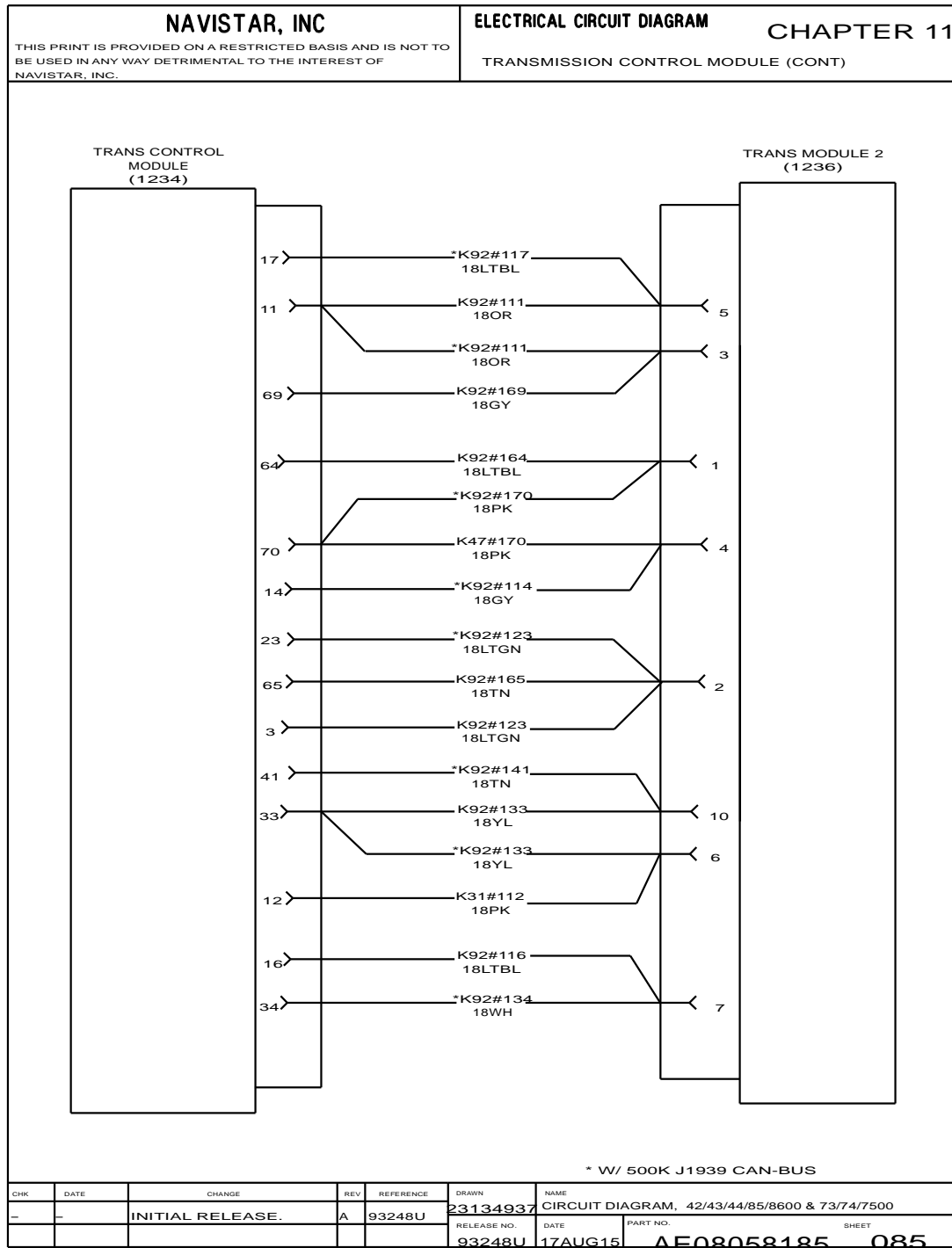


Figure 631 Transmission Control Module (Cont.)

11.100. TRANSMISSION CONTROL MODULE (CONT.), P. 86

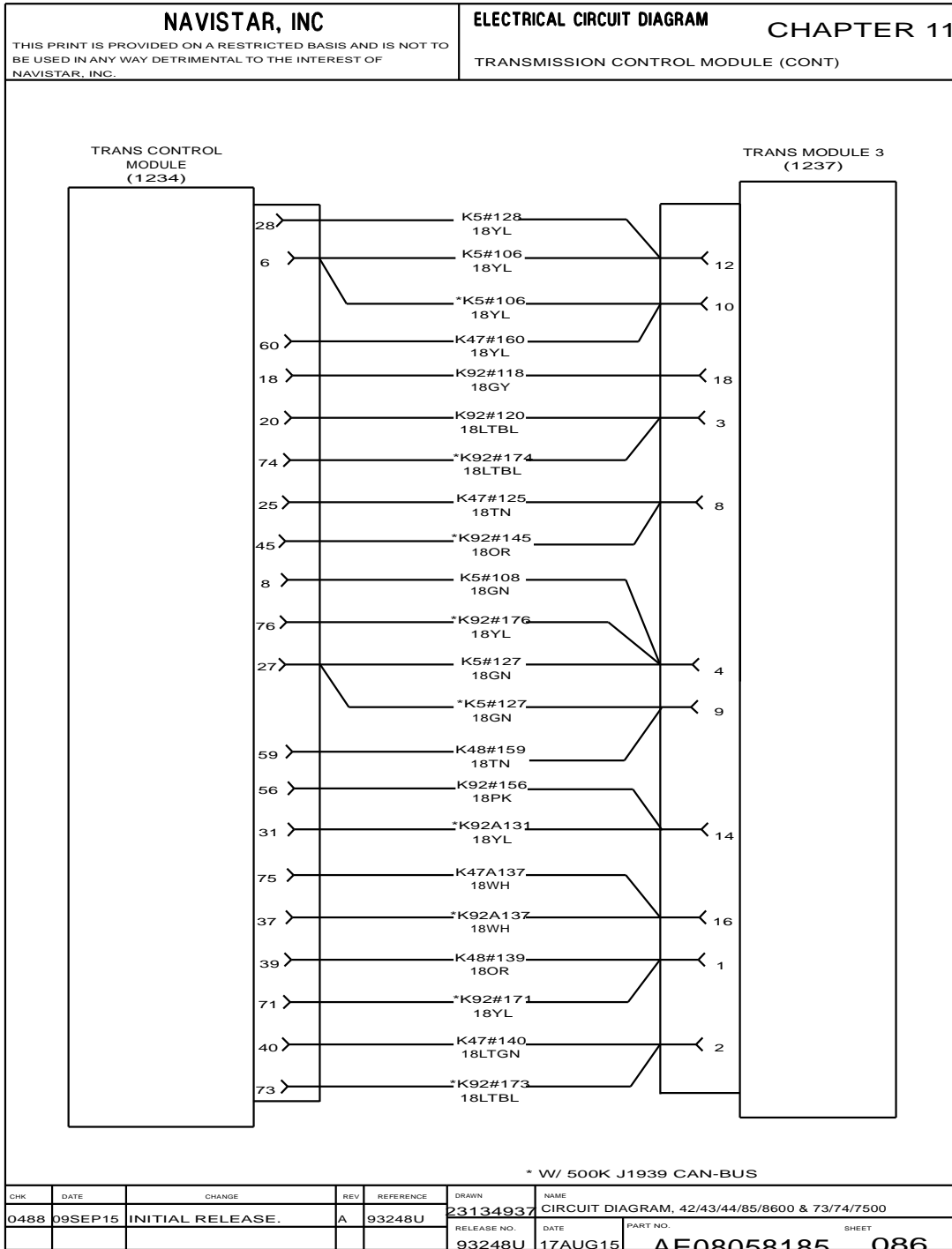


Figure 632 Transmission Control Module (Cont.)

11.101. TRANSMISSION CONTROL MODULE (CONT.), P. 87

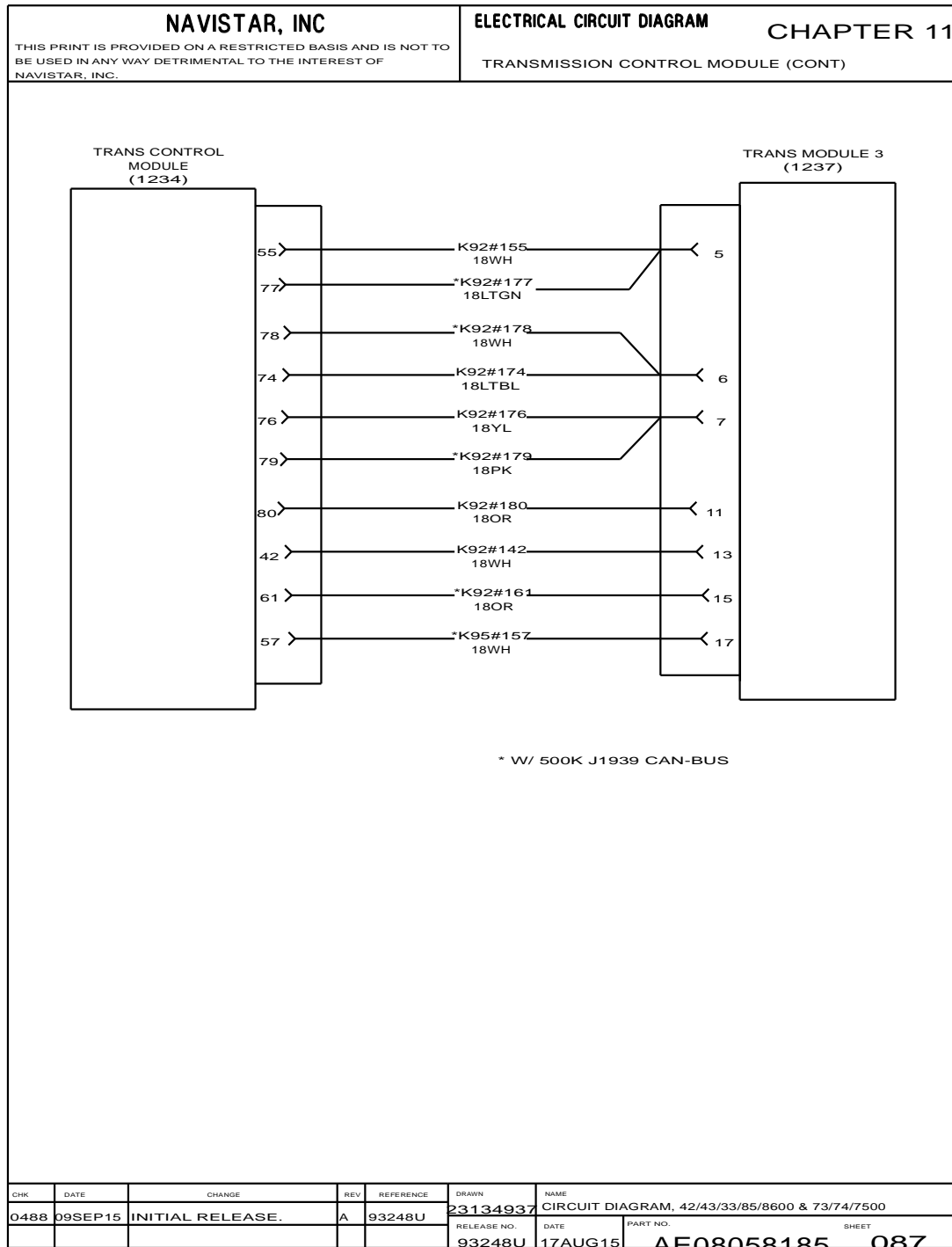


Figure 633 Transmission Control Module (Cont.)

11.102. ALLISON TRANSMISSION WITH F-2013 ISL ENGINE, P. 88

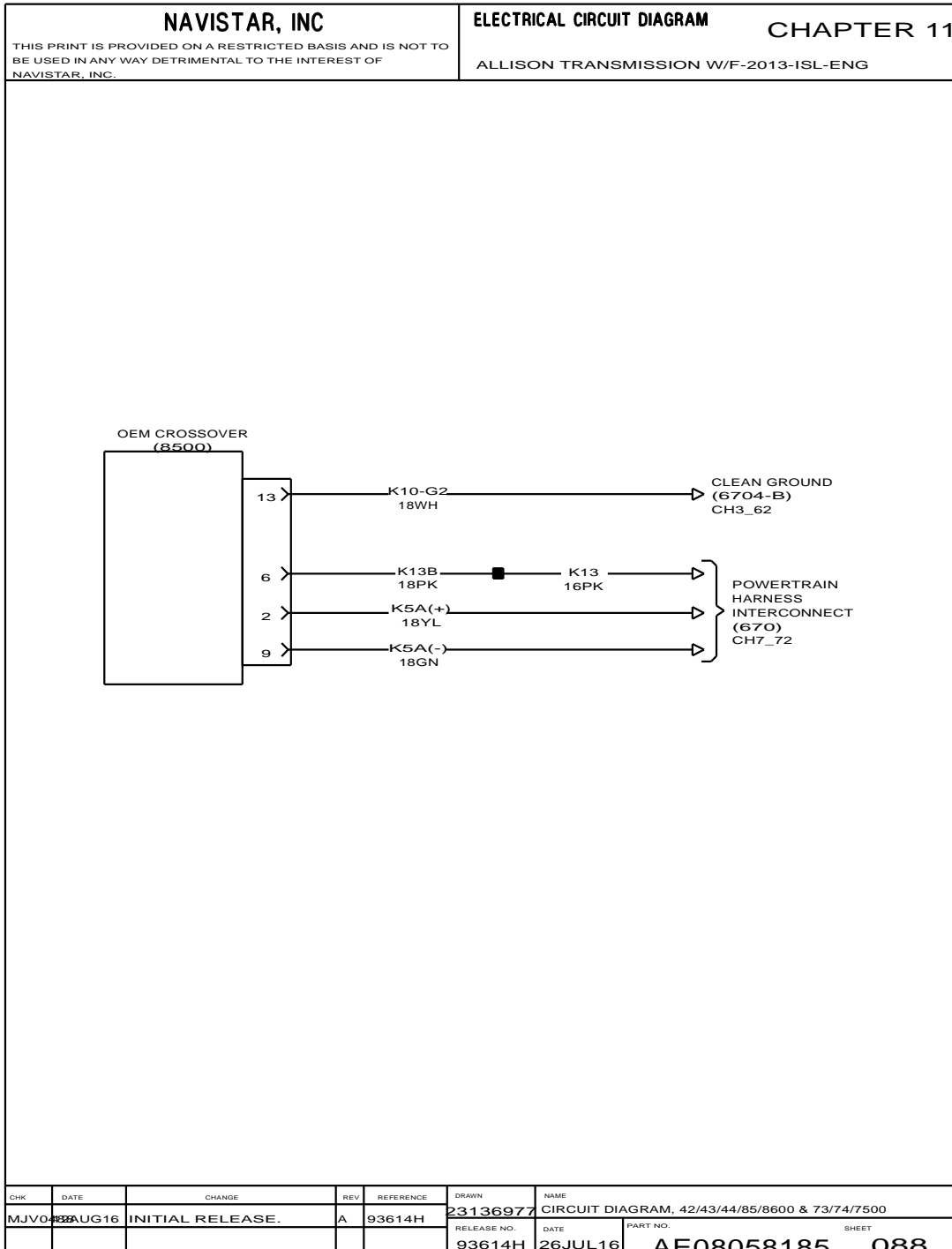


Figure 634 Allison Transmission with F-2013 ISL Engine

11.103. ALLISON TRANSMISSION WITH F-2013 ISL ENGINE (CONT.), P. 89

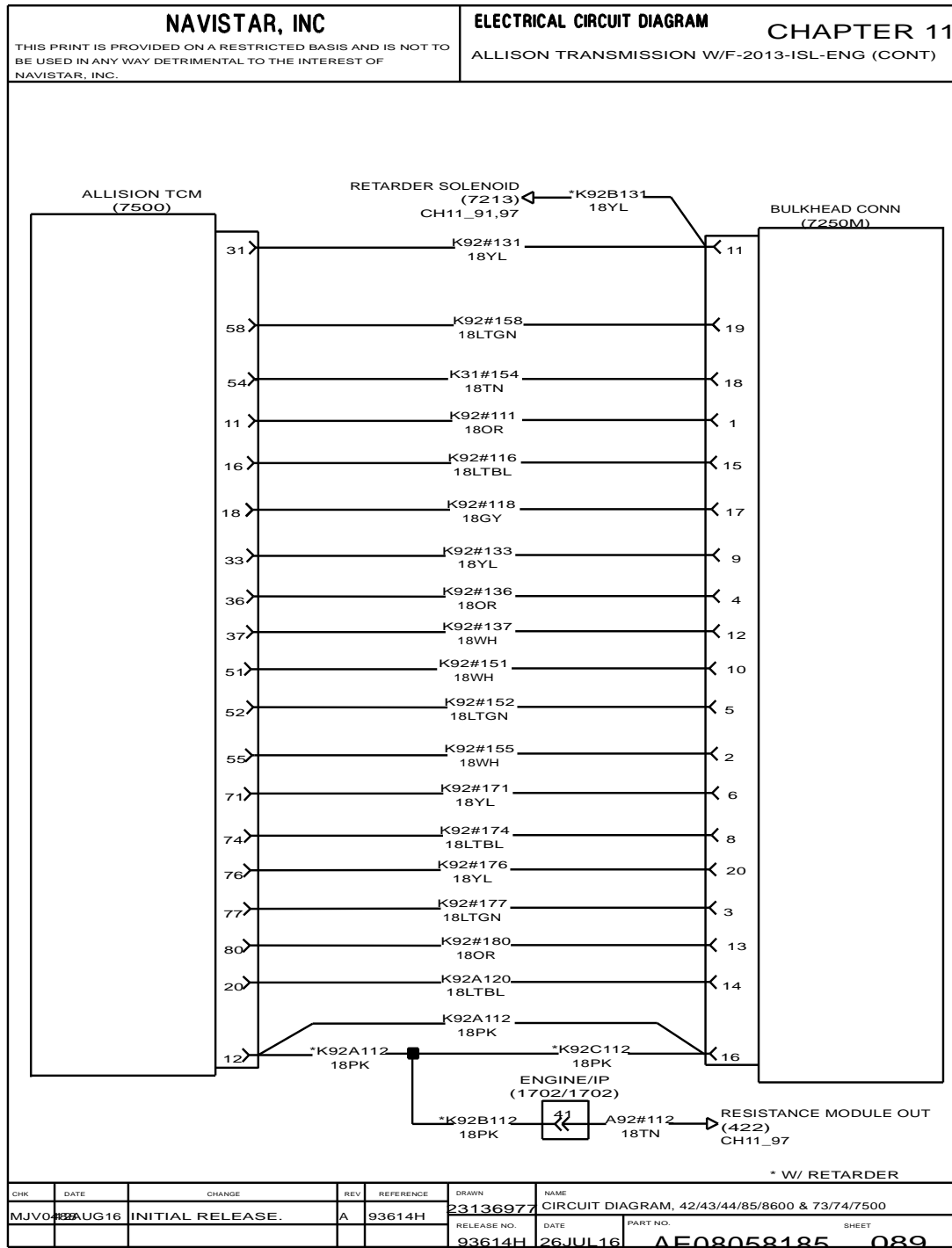


Figure 635 Allison Transmission with F-2013 ISL Engine (Cont.)

11.104. ALLISON TRANSMISSION WITH F-2013 ISL ENGINE (CONT.), P. 90

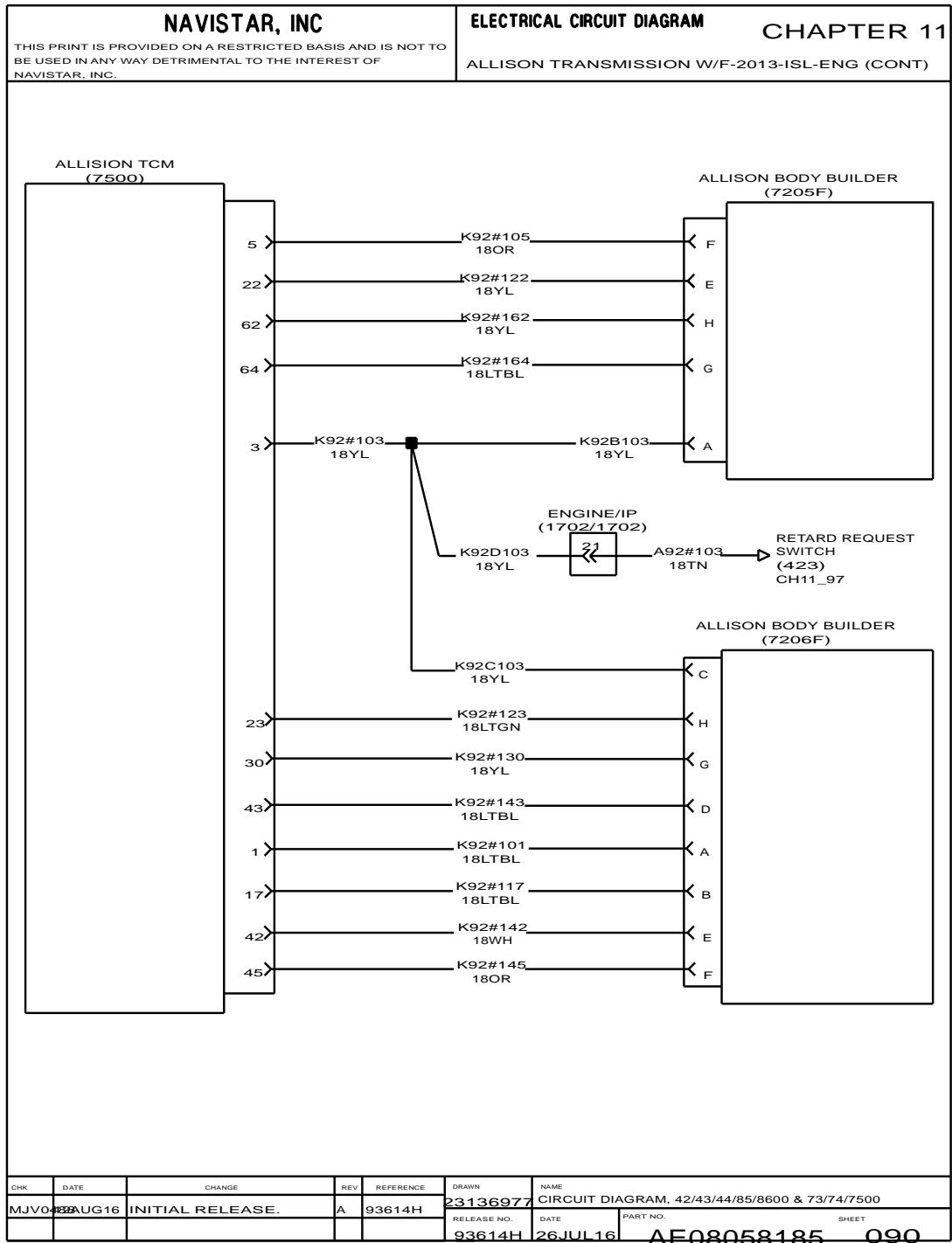


Figure 636 Allison Transmission with F-2013 ISL Engine (Cont.)



11.106. ALLISON TRANSMISSION WITH F-2013 ISL ENGINE (CONT.), P. 92

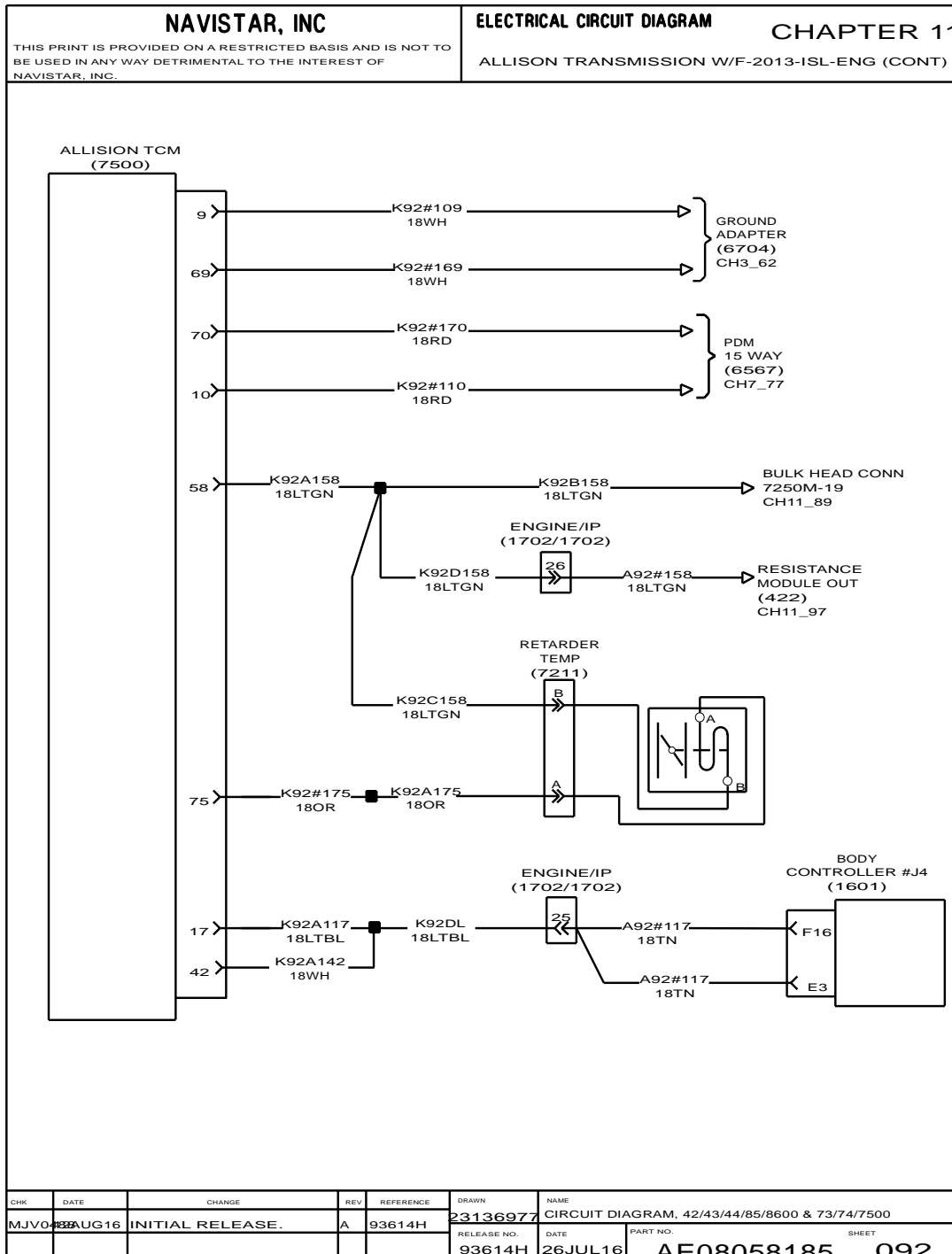


Figure 638 Allison Transmission with F-2013 ISL Engine (Cont.)



11.107. ALLISON TRANSMISSION WITH F-2013 ISL ENGINE (CONT.), P. 93

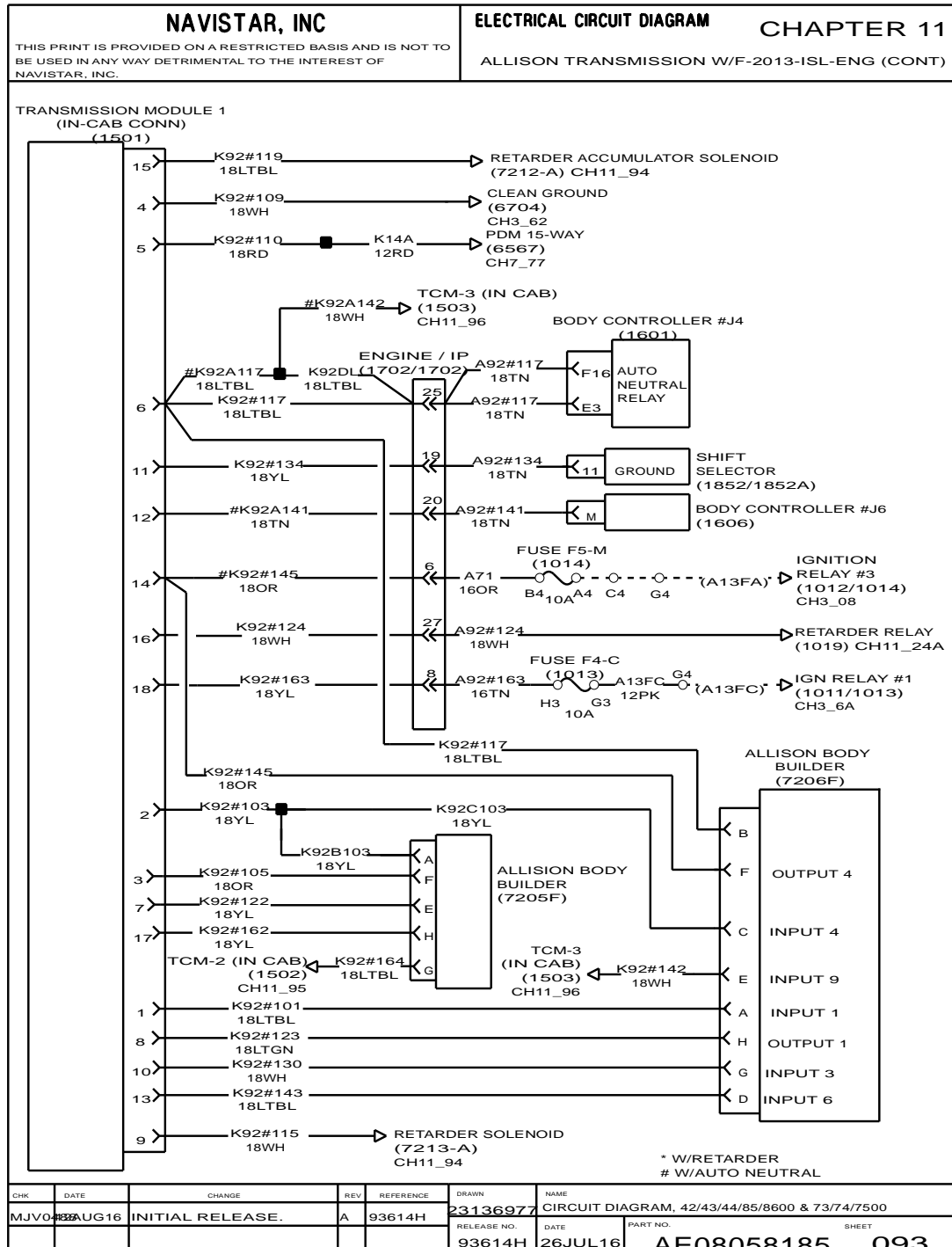


Figure 639 Allison Transmission with F-2013 ISL Engine (Cont.)

11.108. ALLISON TRANSMISSION WITH F-2013 ISL ENGINE (CONT.), P. 94

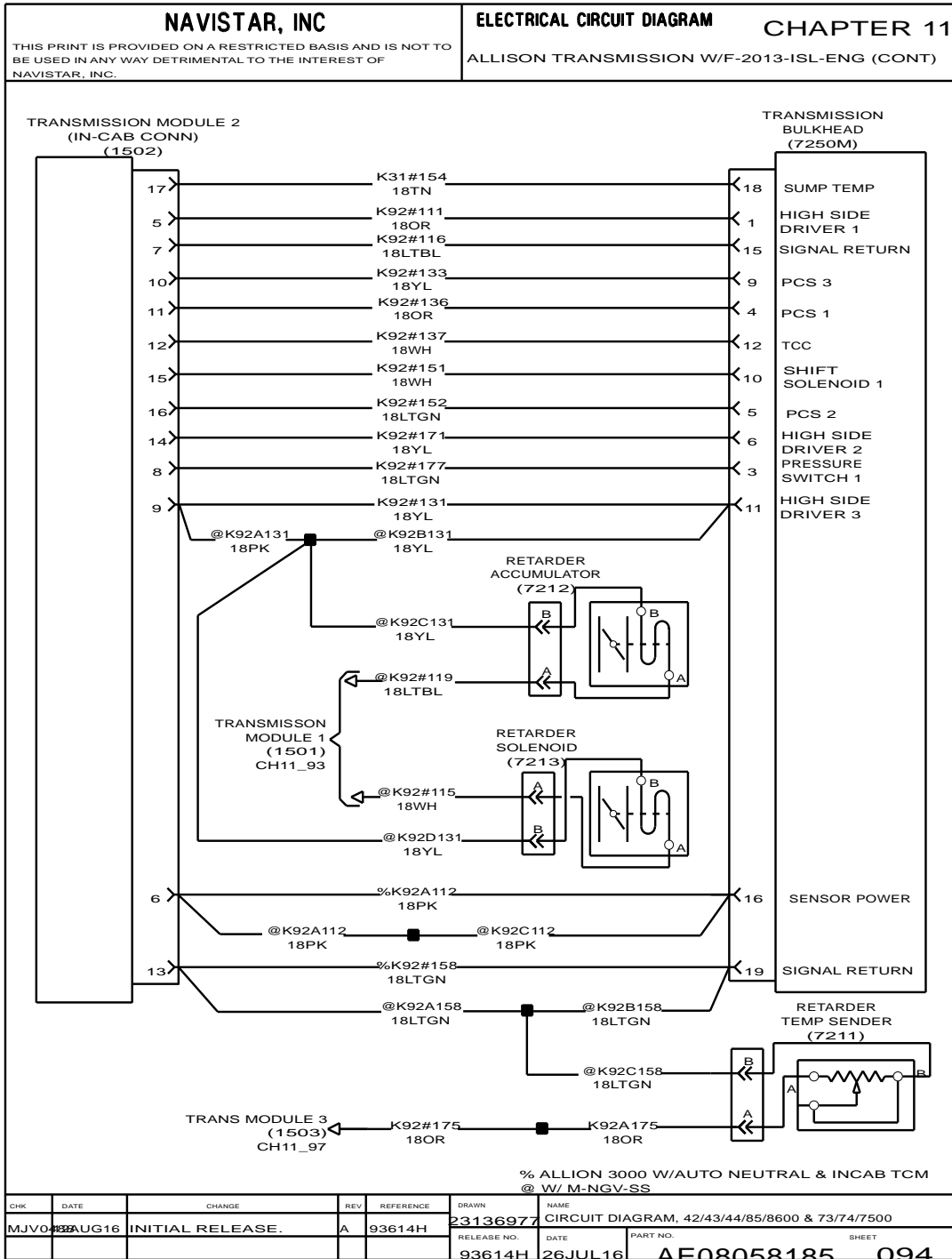


Figure 640 Allison Transmission with F-2013 ISL Engine (Cont.)

11.109. ALLISON TRANSMISSION WITH F-2013 ISL ENGINE (CONT.), P. 95

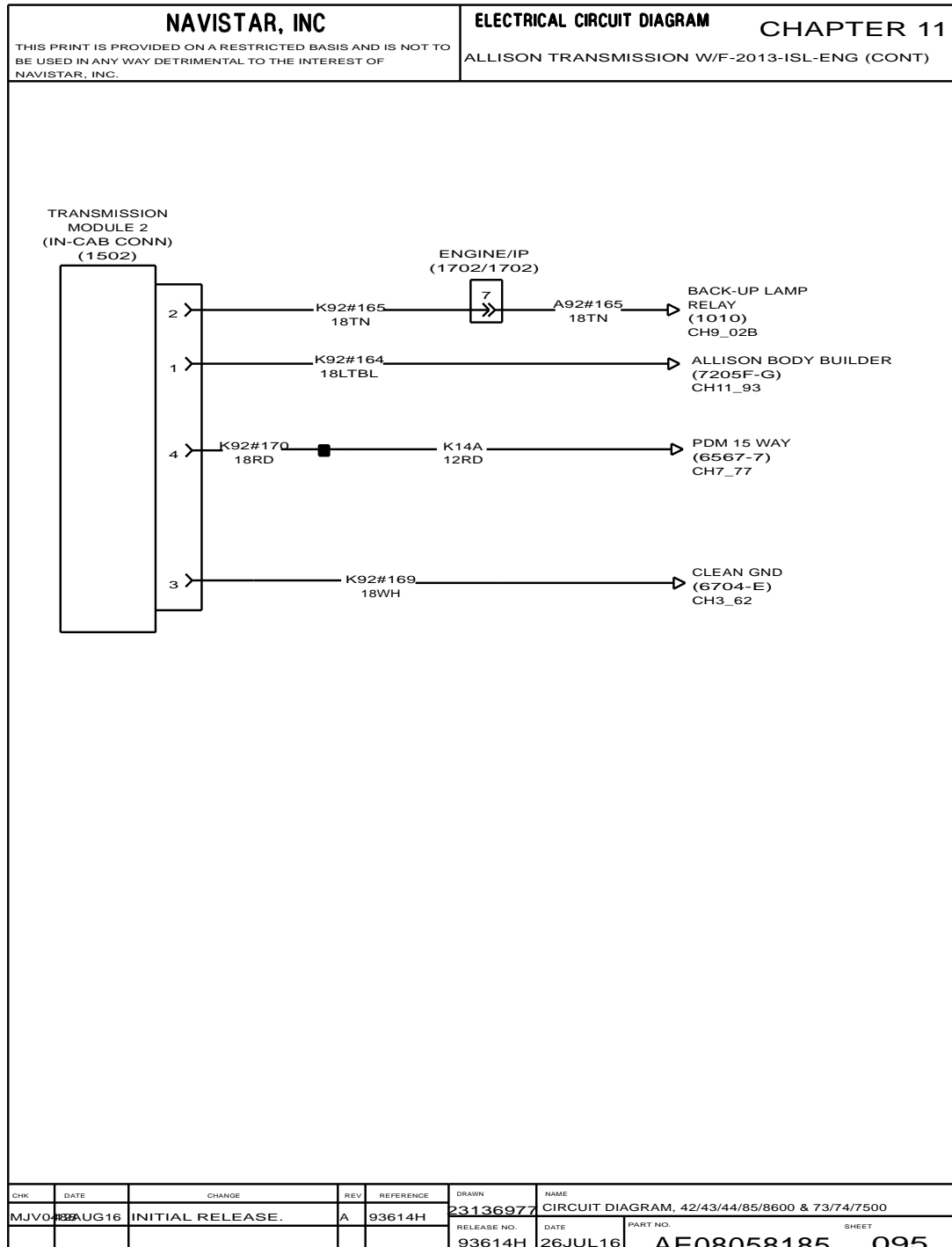


Figure 641 Allison Transmission with F-2013 ISL Engine (Cont.)

11.110. ALLISON TRANSMISSION WITH F-2013 ISL ENGINE (CONT.), P. 96

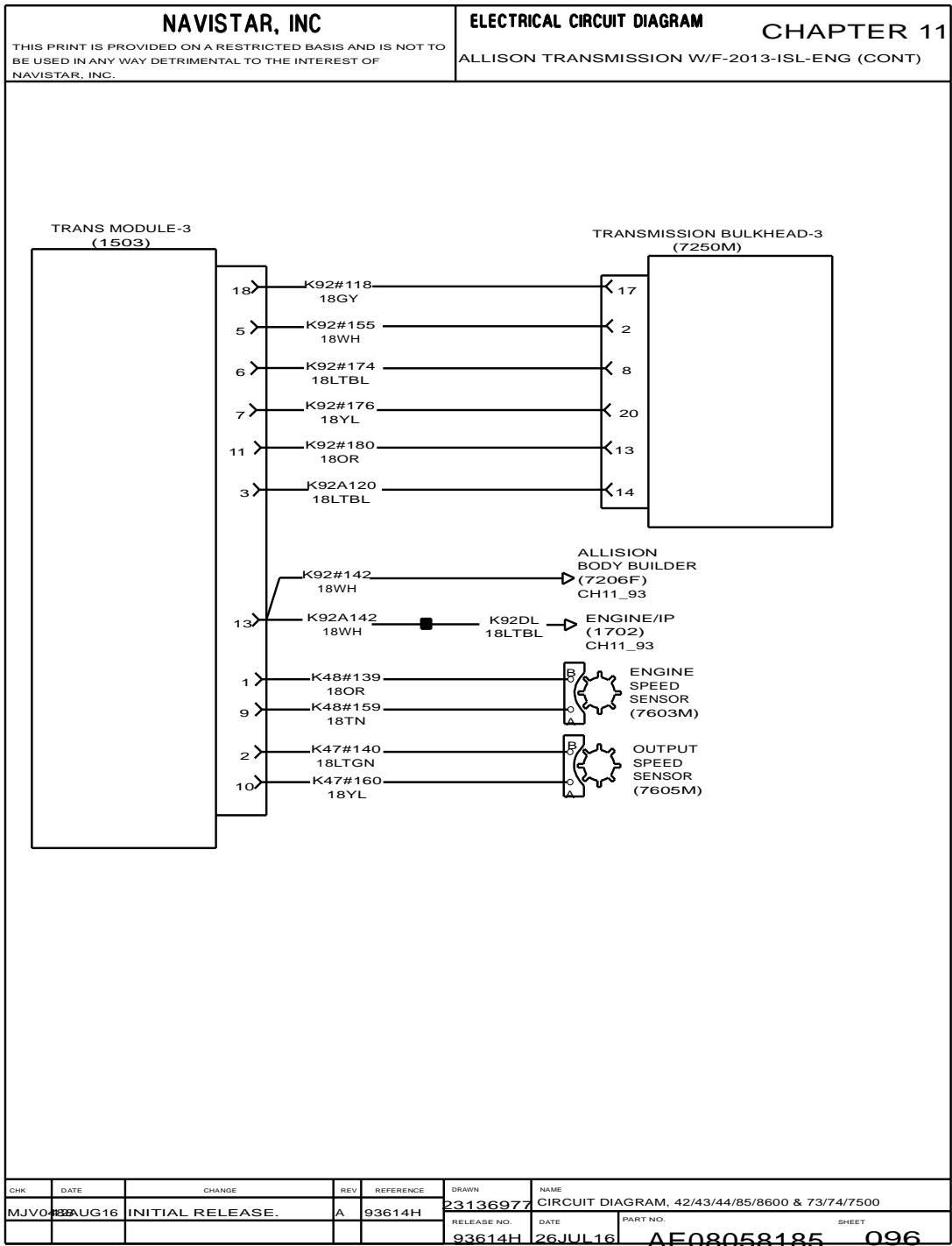


Figure 642 Allison Transmission with F-2013 ISL Engine (Cont.)

11.111. ALLISON TRANSMISSION WITH F-2013 ISL ENGINE (CONT.), P. 97

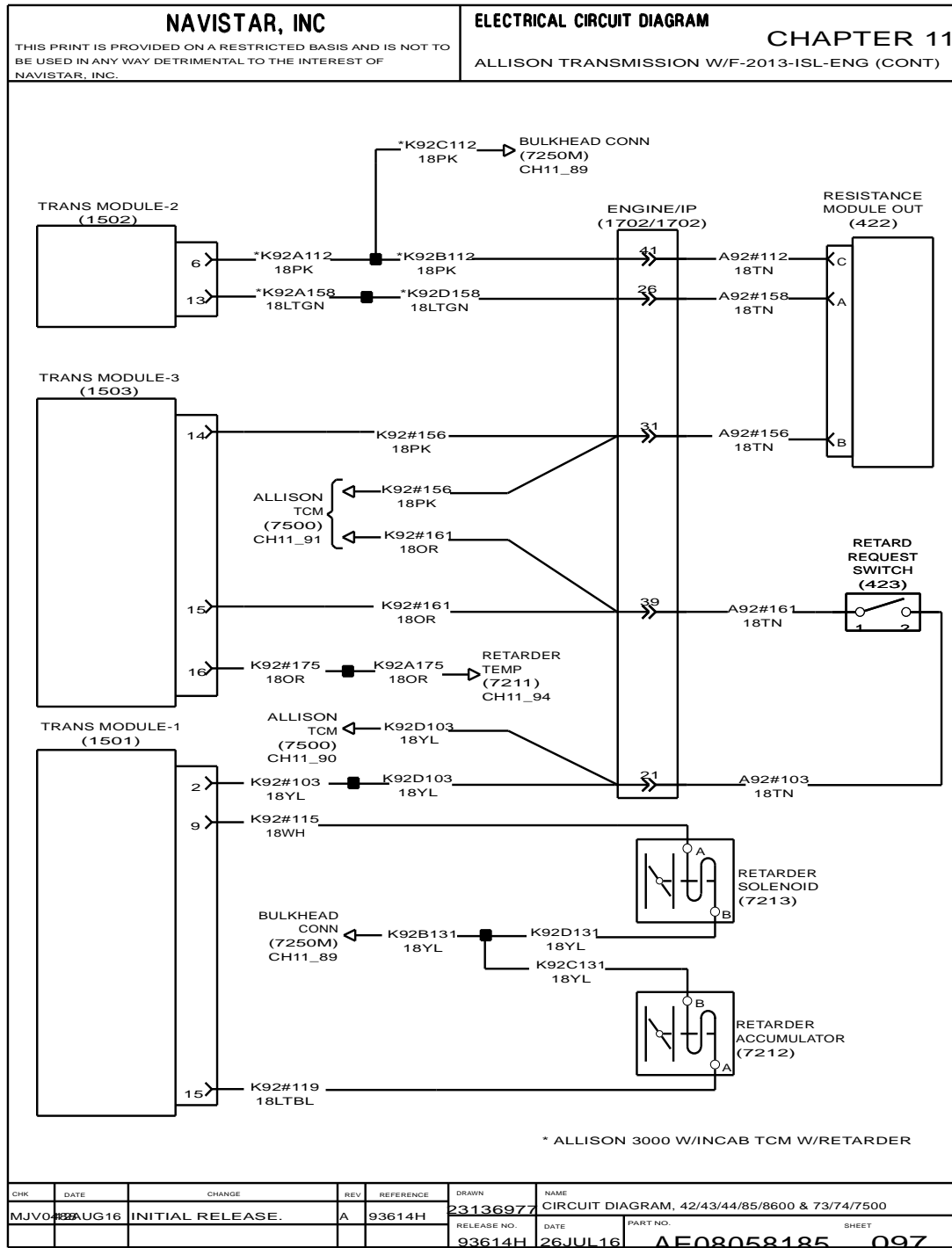


Figure 643 Allison Transmission with F-2013 ISL Engine (Cont.)

11.112. ALLISON 1 / 2000 TRANSMISSION WITH IN-CAB TCM WITH M-NGV-MD WITH F-2017 ISB ENGINE, P. 98

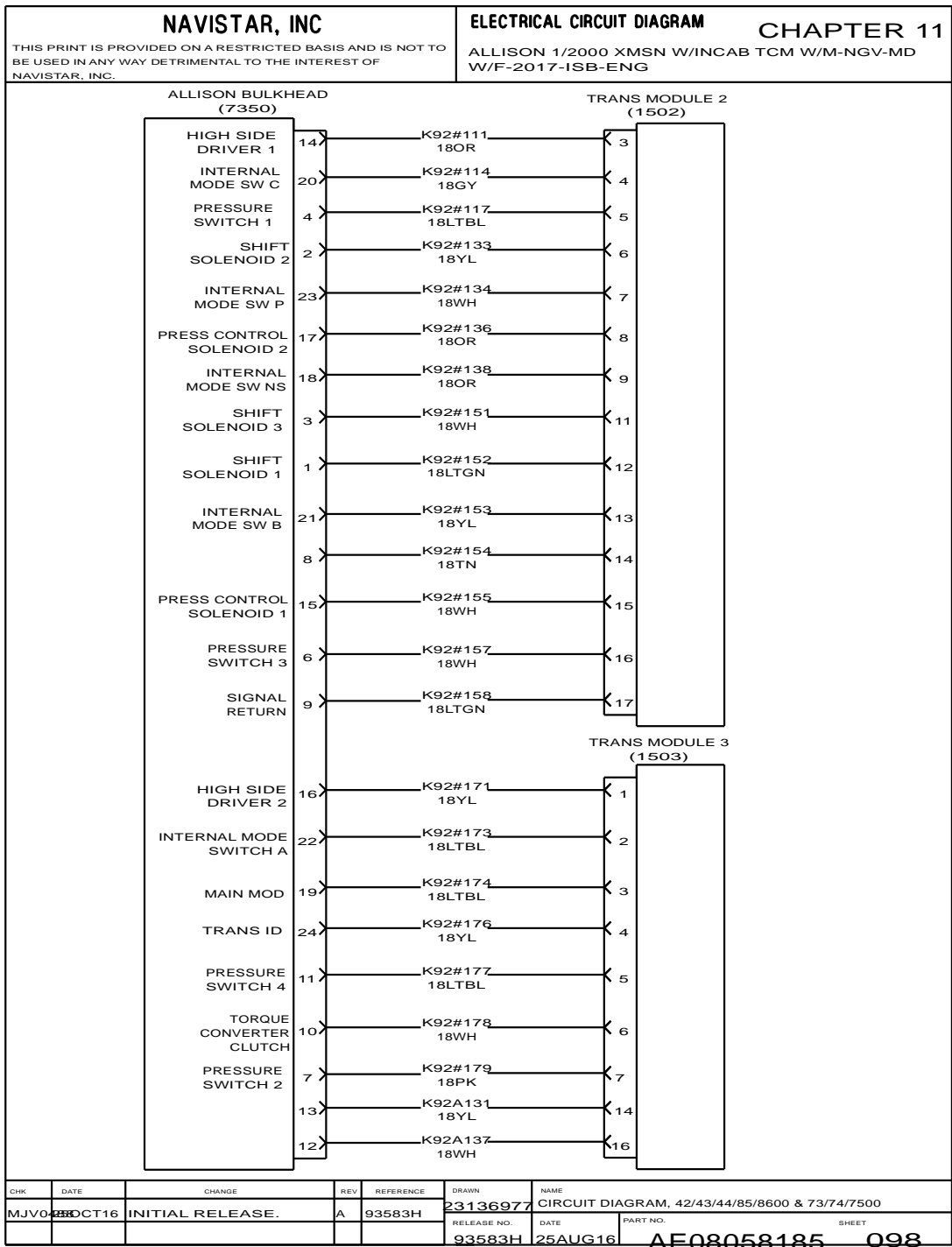


Figure 644 Allison 1 / 2000 Transmission with In-Cab TCM with M-NGV-MD with F-2017 ISB Engine

11.113. ALLISON 1 / 2000 TRANSMISSION WITH IN-CAB TCM WITH F-2017 ISB ENGINE, P. 98A

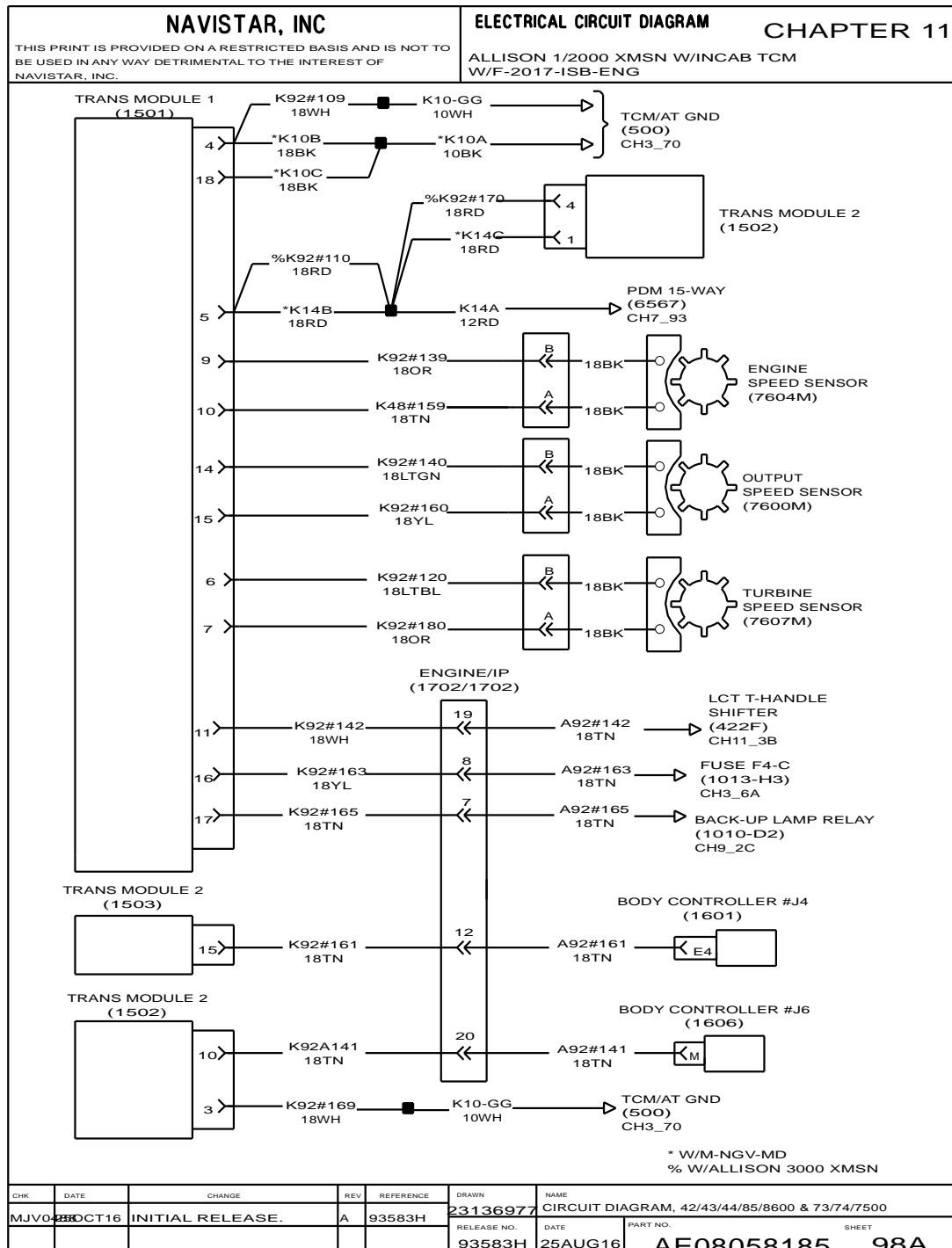


Figure 645 Allison 1 / 2000 Transmission with In-Cab TCM with F-2017 ISB Engine

11.114. ALLISON 1 / 2000 TRANSMISSION WITH IN-CAB TCM WITH F-2017 ISB ENGINE (CONT.), P. 98B

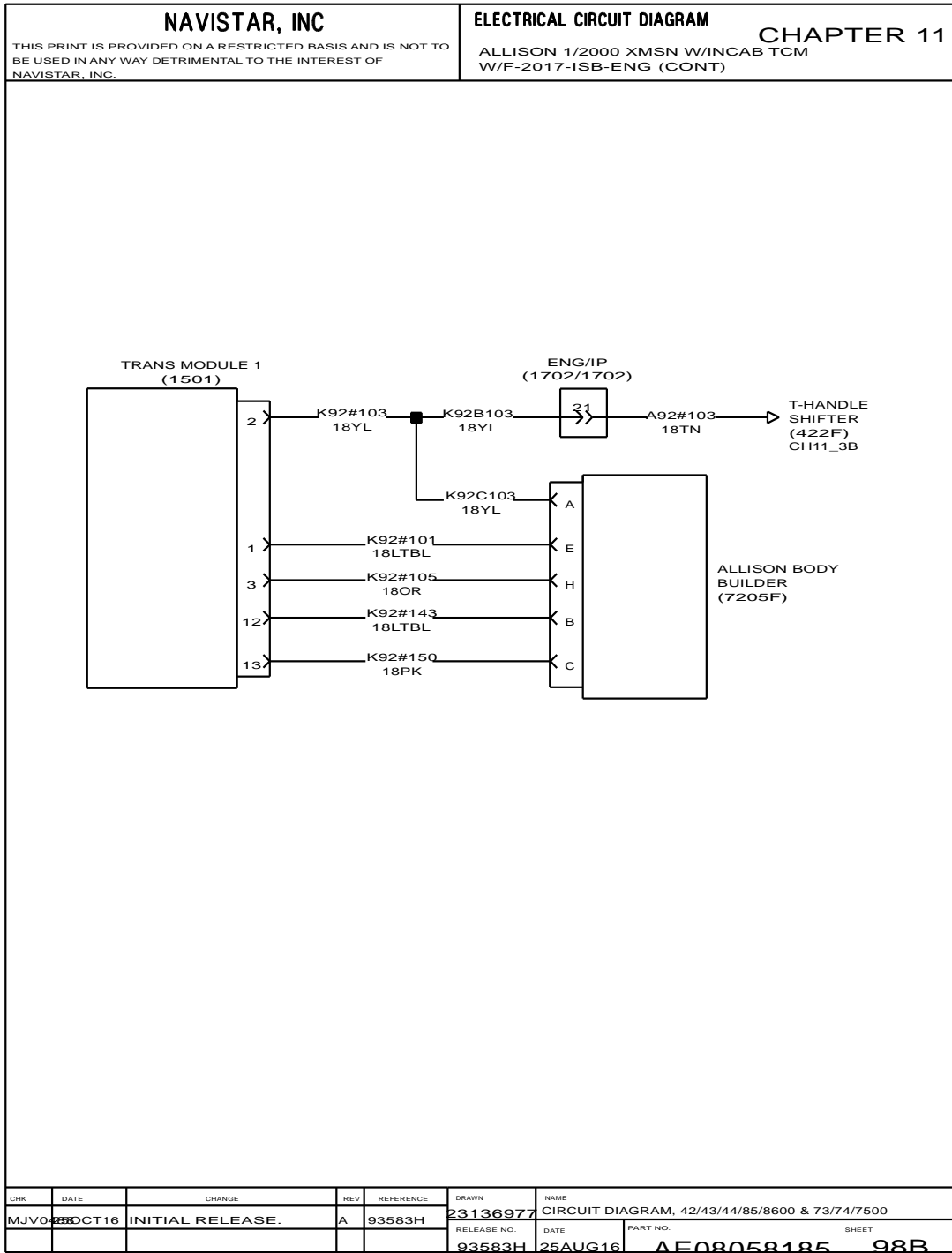


Figure 646 Allison 1 / 2000 Transmission with In-Cab TCM with F-2017 ISB Engine (Cont.)



11.115. ALLISON 1 / 2000 TRANSMISSION WITHOUT IN-CAB TCM WITH F-2017 ISB ENGINE, P. 98C

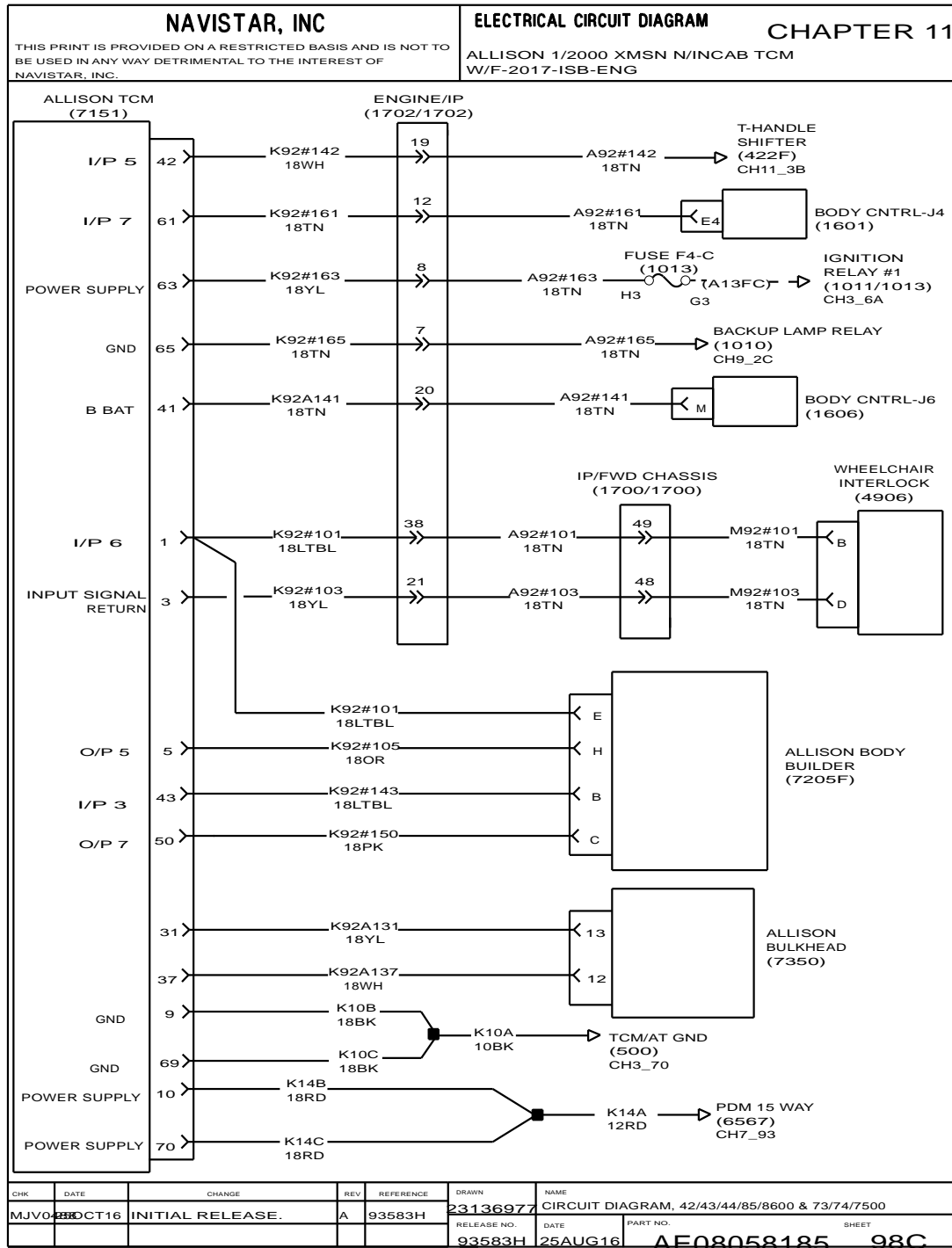


Figure 647 Allison 1 / 2000 Transmission without In-Cab TCM with F-2017 ISB Engine

11.116. ALLISON 1 / 2000 TRANSMISSION WITHOUT IN-CAB TCM WITH F-2017 ISB ENGINE (CONT.), P. 98D

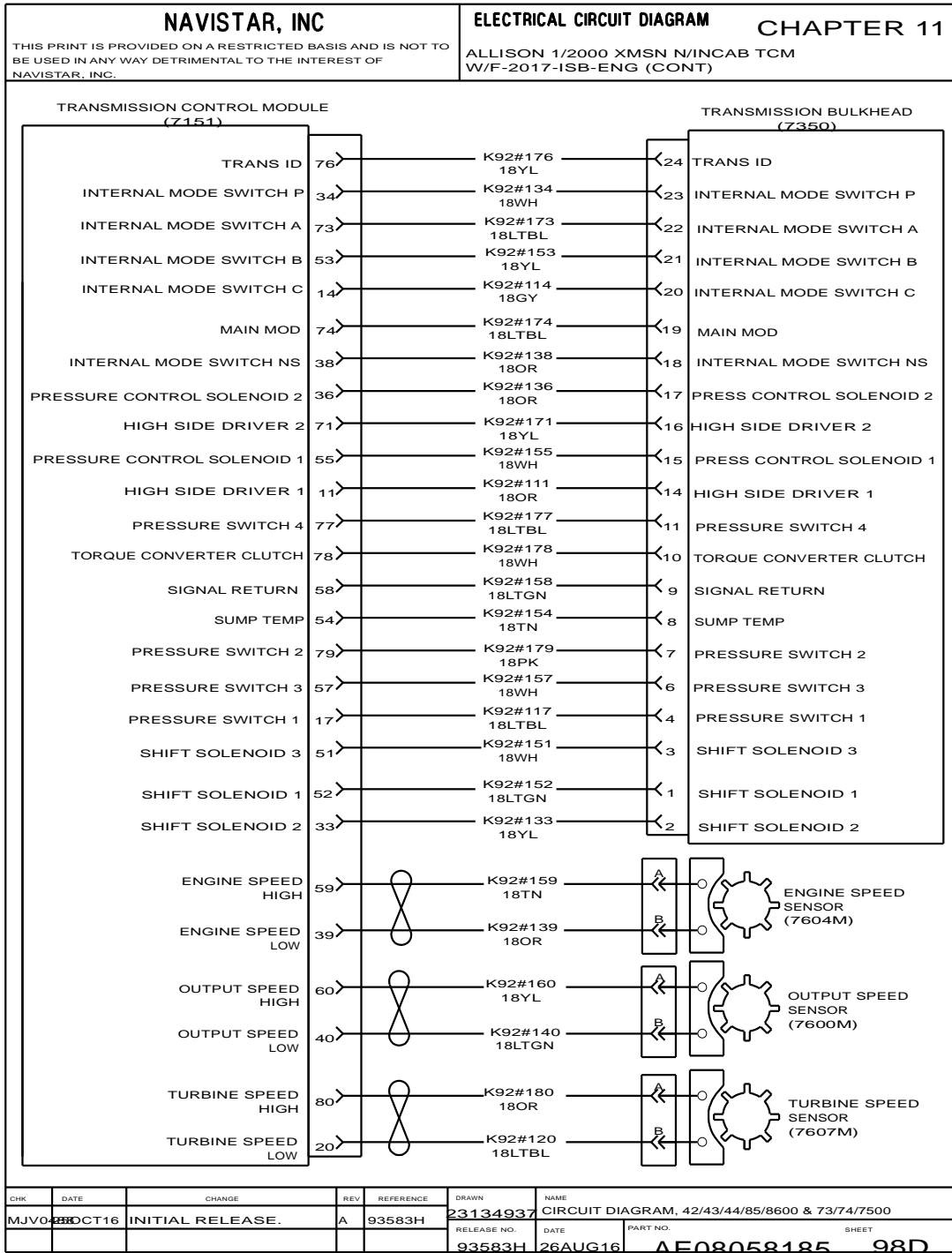


Figure 648 Allison 1 / 2000 Transmission without In-Cab TCM with F-2017 ISB Engine (Cont.)

11.117. ALLISON 3000 TRANSMISSION WITHOUT IN-CAB TCM WITH PTO WITH F-2017 ISB ENGINE, P. 98E

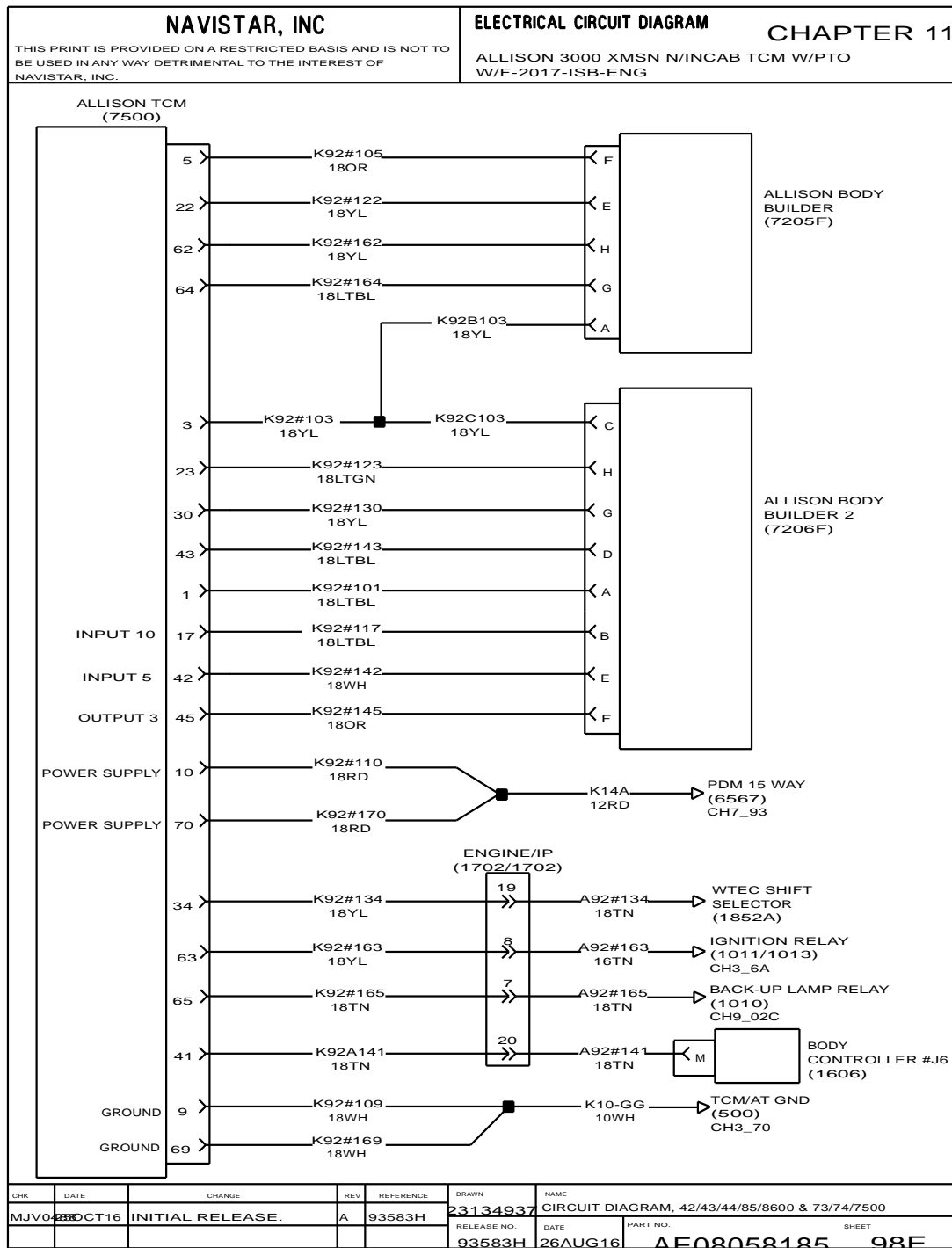


Figure 649 Allison 3000 Transmission without In-Cab TCM with PTO with F-2017 ISB Engine

11.118. ALLISON 3000 TRANSMISSION WITHOUT IN-CAB TCM WITH PTO WITH F-2017 ISB ENGINE (CONT.), P. 98F

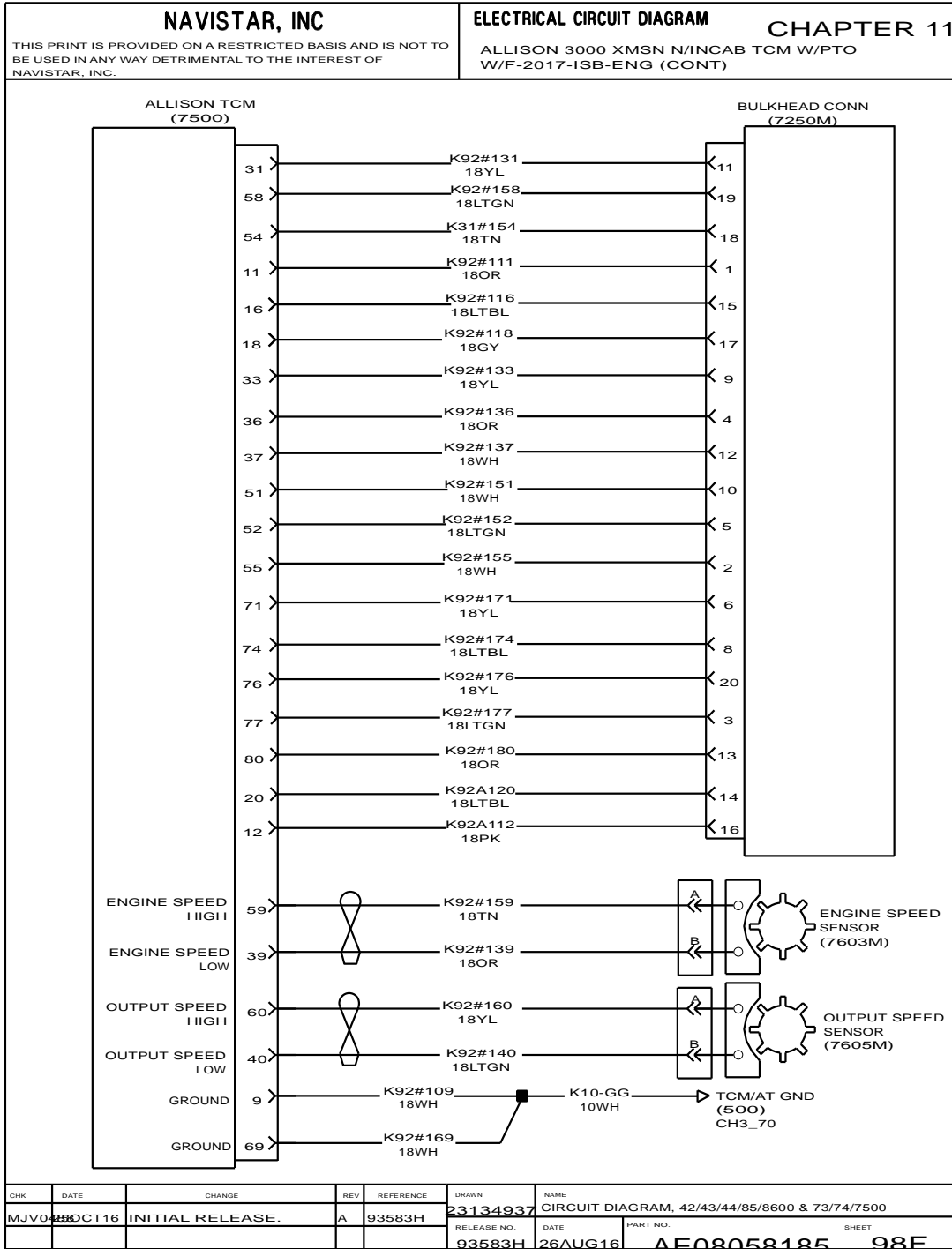


Figure 650 Allison 3000 Transmission without In-Cab TCM with PTO with F-2017 ISB Engine (Cont.)

11.119. ALLISON 3000 TRANSMISSION WITH WHEELCHAIR INTERLOCK WITH F-2017 ISB ENGINE, P. 98G

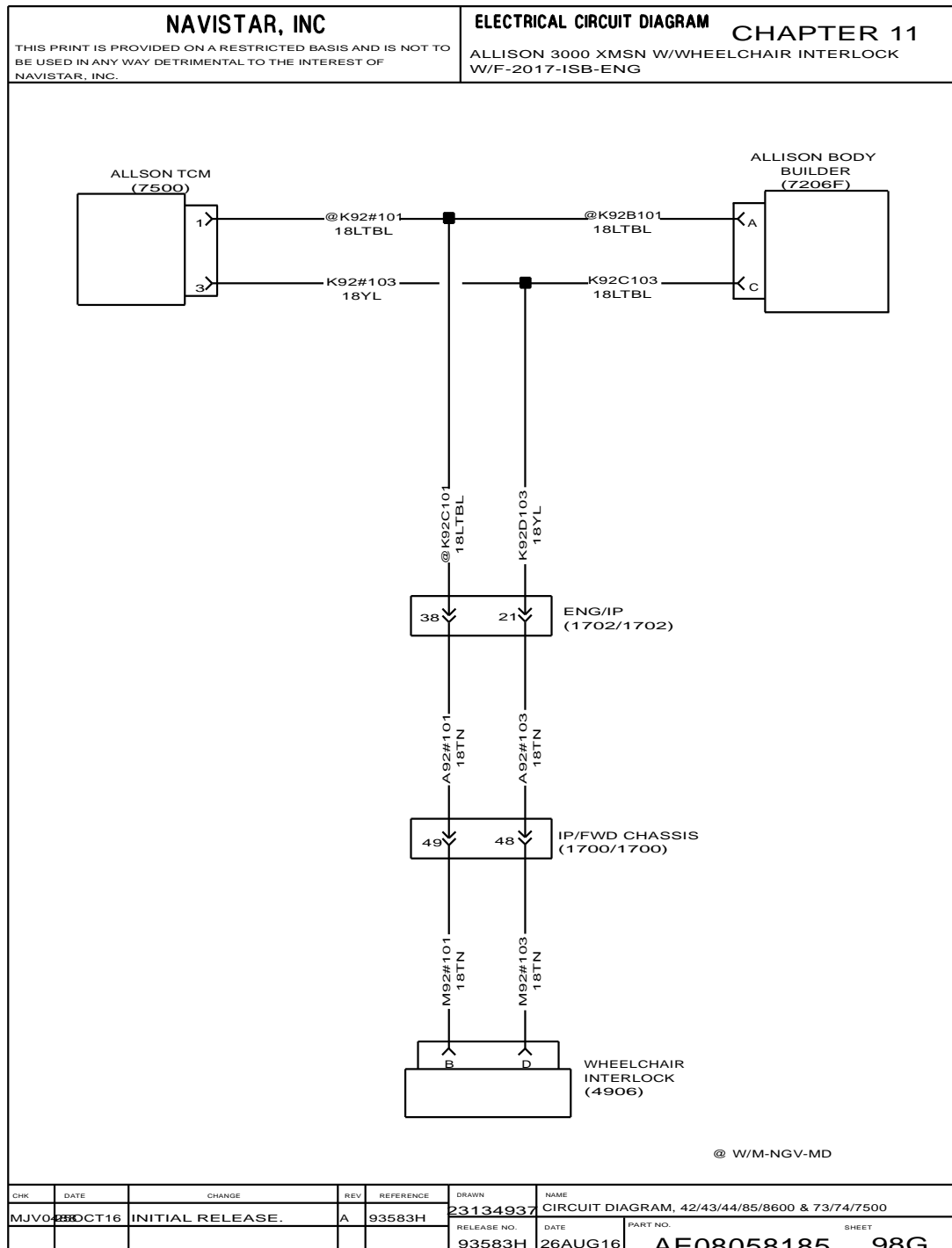


Figure 651 Allison 3000 Transmission with Wheelchair Interlock with F-2017 ISB Engine

11.120. EATON PROCISION TRANSMISSION WITH F-2017 ISB ENGINE, P. 98H

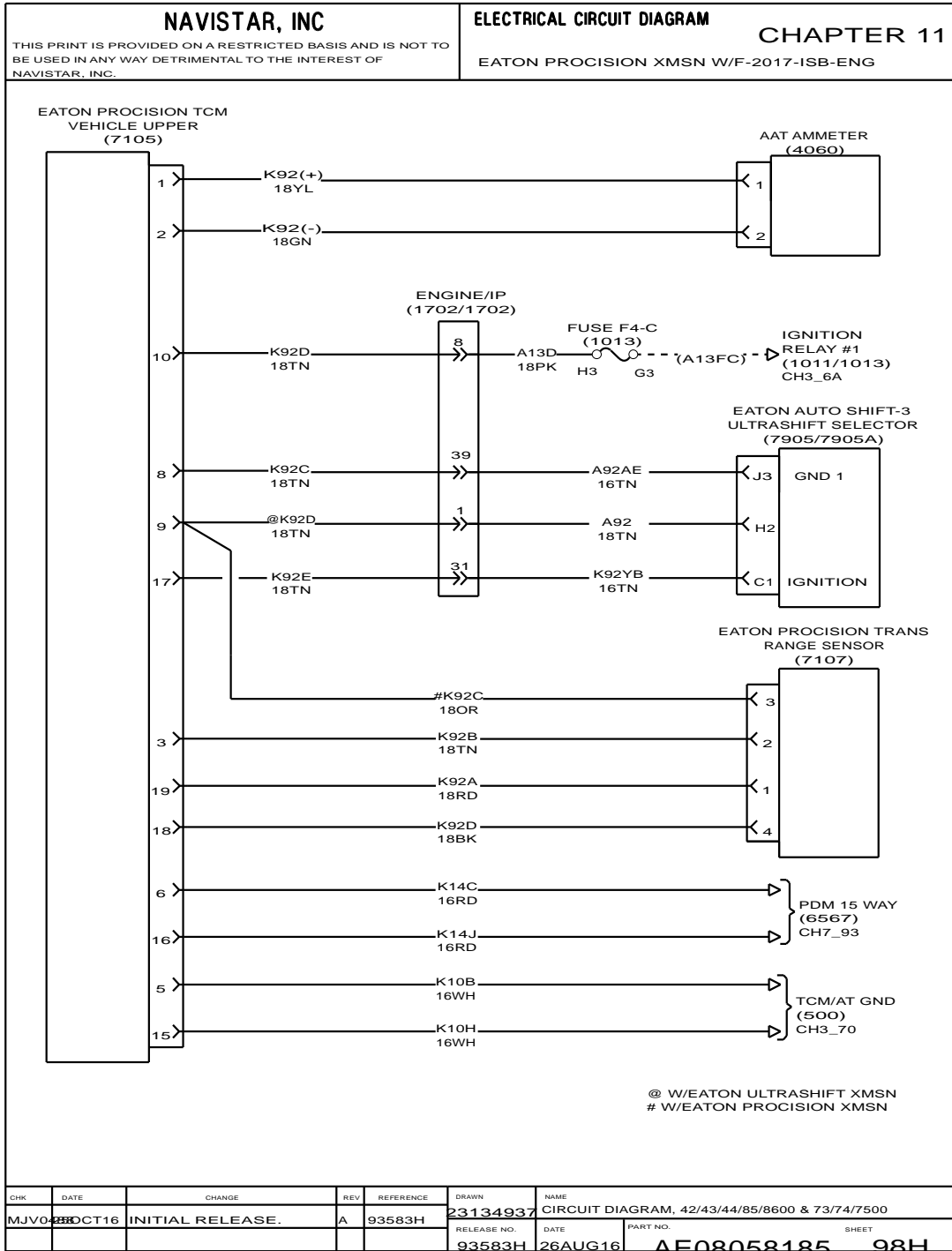


Figure 652 Eaton Procision Transmission with F-2017 ISB Engine

11.121. INTENTIONALLY LEFT BLANK, P. 98I

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 11</b>	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				INTENTIONALLY LEFT BLANK			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
					23134937	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
M.JV0	23OCT16	INITIAL RELEASE.	A	93583H	RELEASE NO.	DATE	PART NO.
					93583H	26AUG16	AE08058185
							98I

Figure 653 Intentionally Left Blank

11.122. EATON PROCISION TRANSMISSION WITH M-NGV-MD WITH F-2017 ISB ENGINE, P. 98J

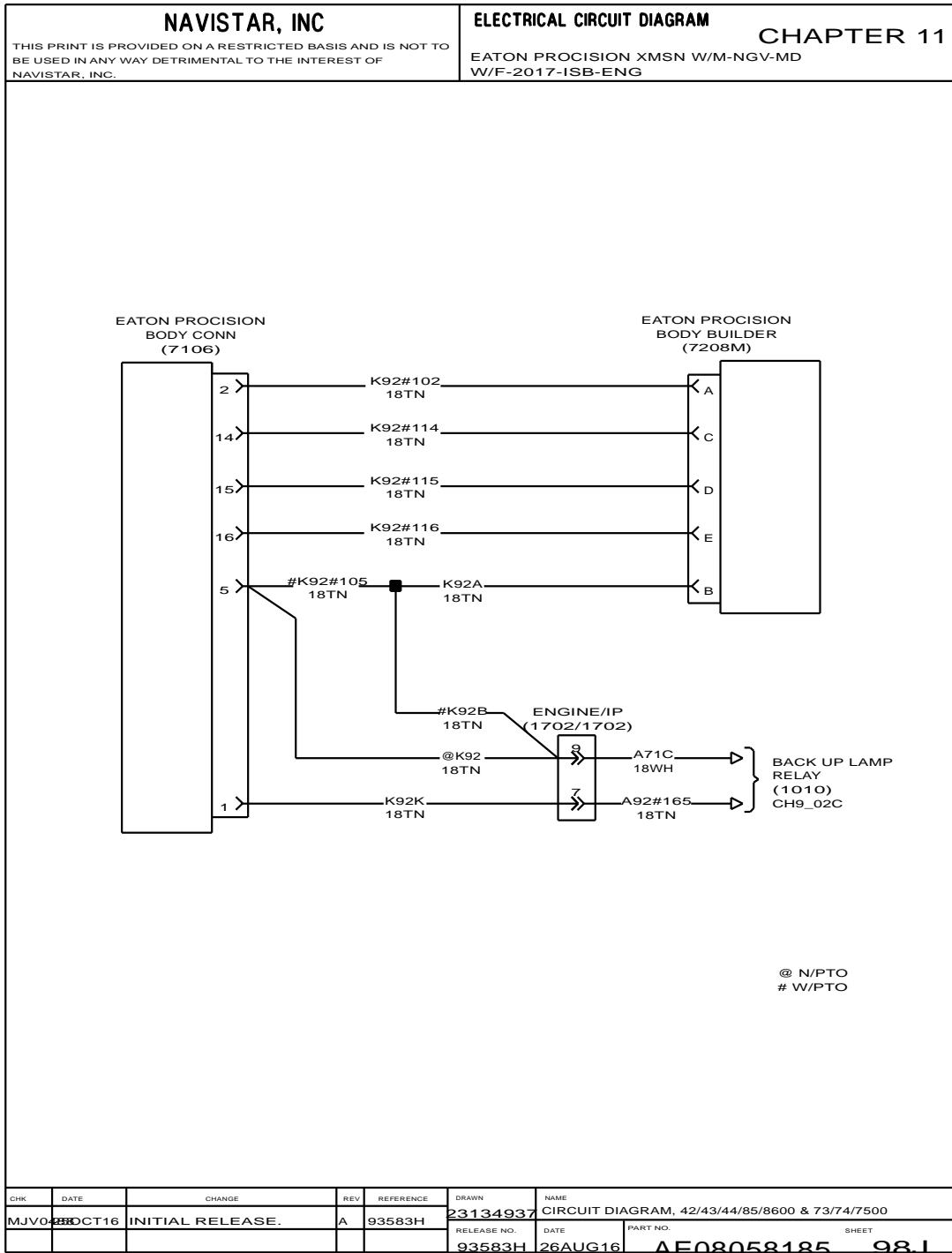


Figure 654 Eaton Procision Transmission with M-NGV-MD with F-2017 ISB Engine



11.123. EATON ULTRASHIFT TRANSMISSION WITH M-NGV-MD WITH F-2017 ISB ENGINE, P. 98K

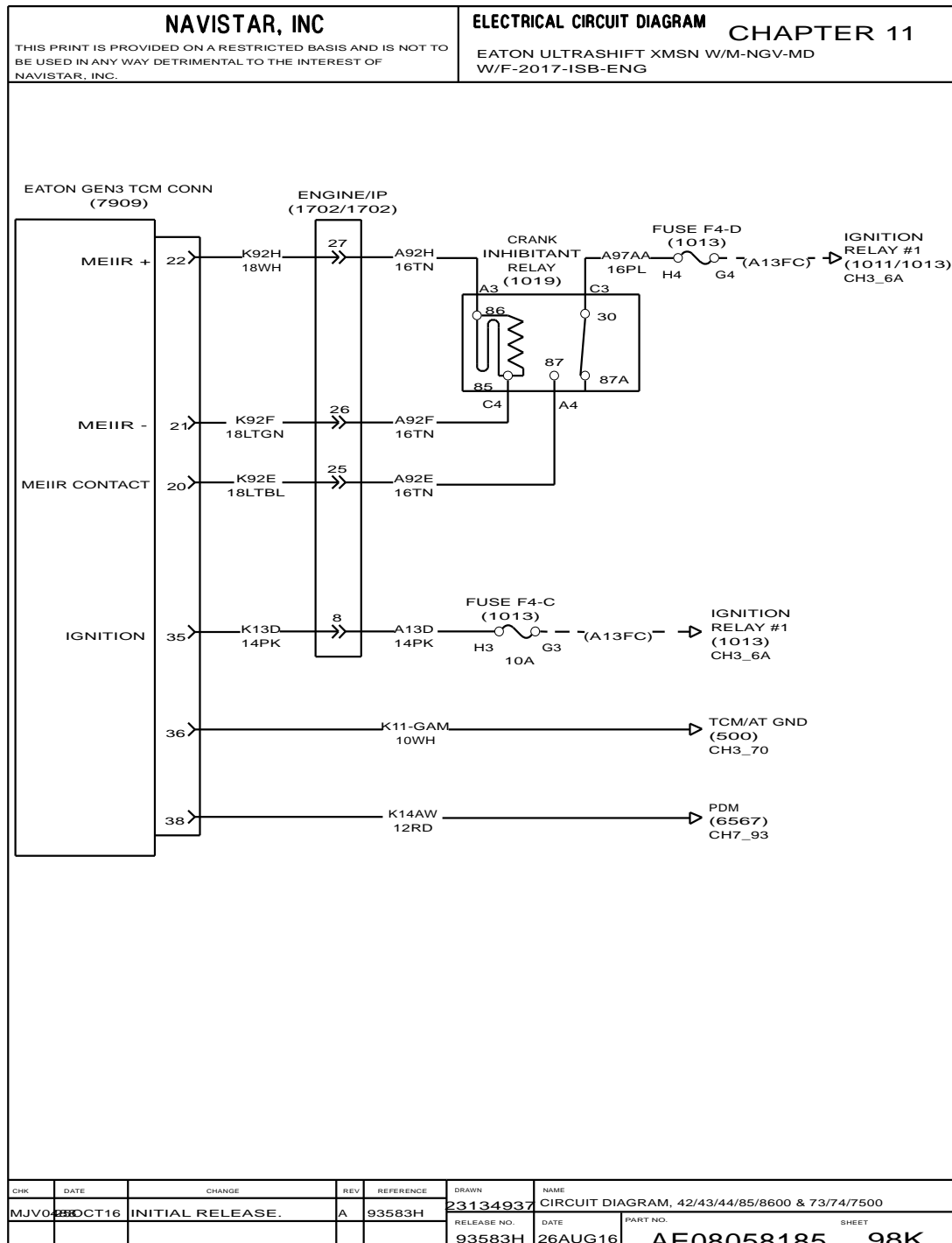


Figure 655 Eaton Ultrashift Transmission with M-NGV-MD with F-2017 ISB Engine

11.124. AUTO NEUTRAL WITH ALLISON TRANSMISSION 1000/2000 WITH F-2017 ISB ENGINE, P. 98L

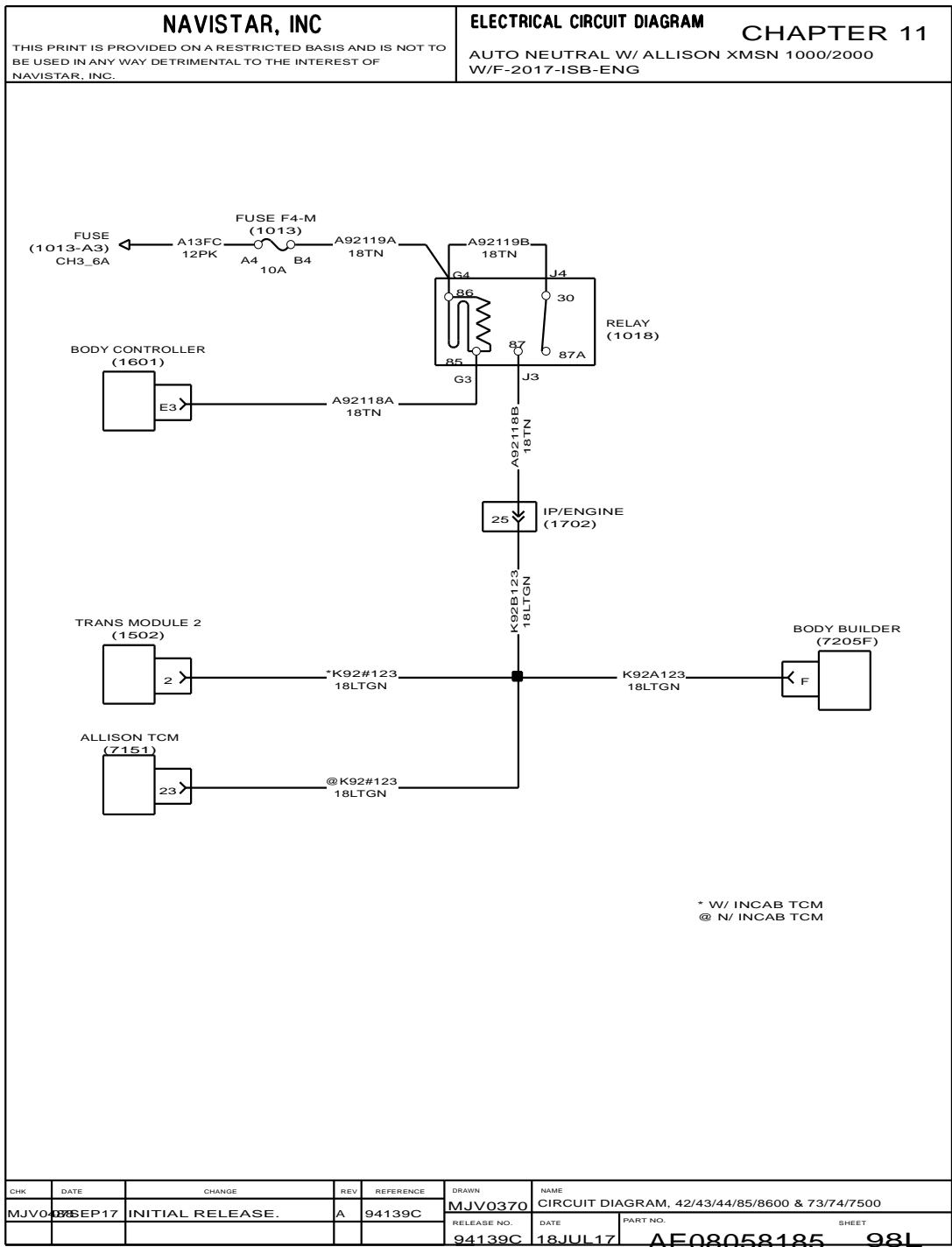


Figure 656 Auto Neutral with Allison Transmission 1000/2000 with F-2017 ISB Engine



11.126. ALLISON TRANSMISSION WITHOUT IN-CAB WITH F-2017 ISL ENGINE (CONT.), P. 99A

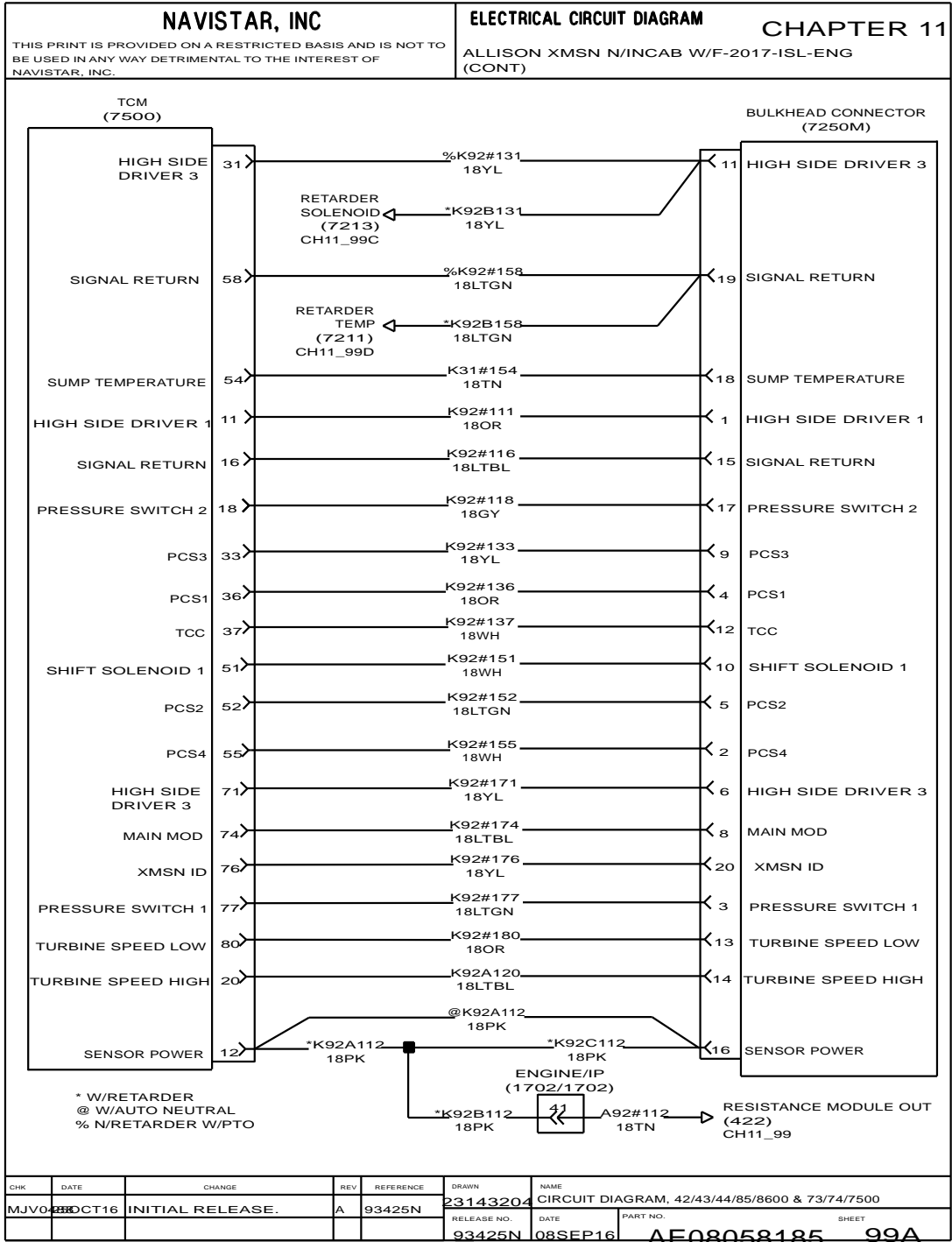


Figure 658 Allison Transmission without In-Cab with F-2017 ISL Engine (Cont.)

11.127. ALLISON TRANSMISSION WITHOUT IN-CAB WITH F-2017 ISL ENGINE (CONT.), P. 99B

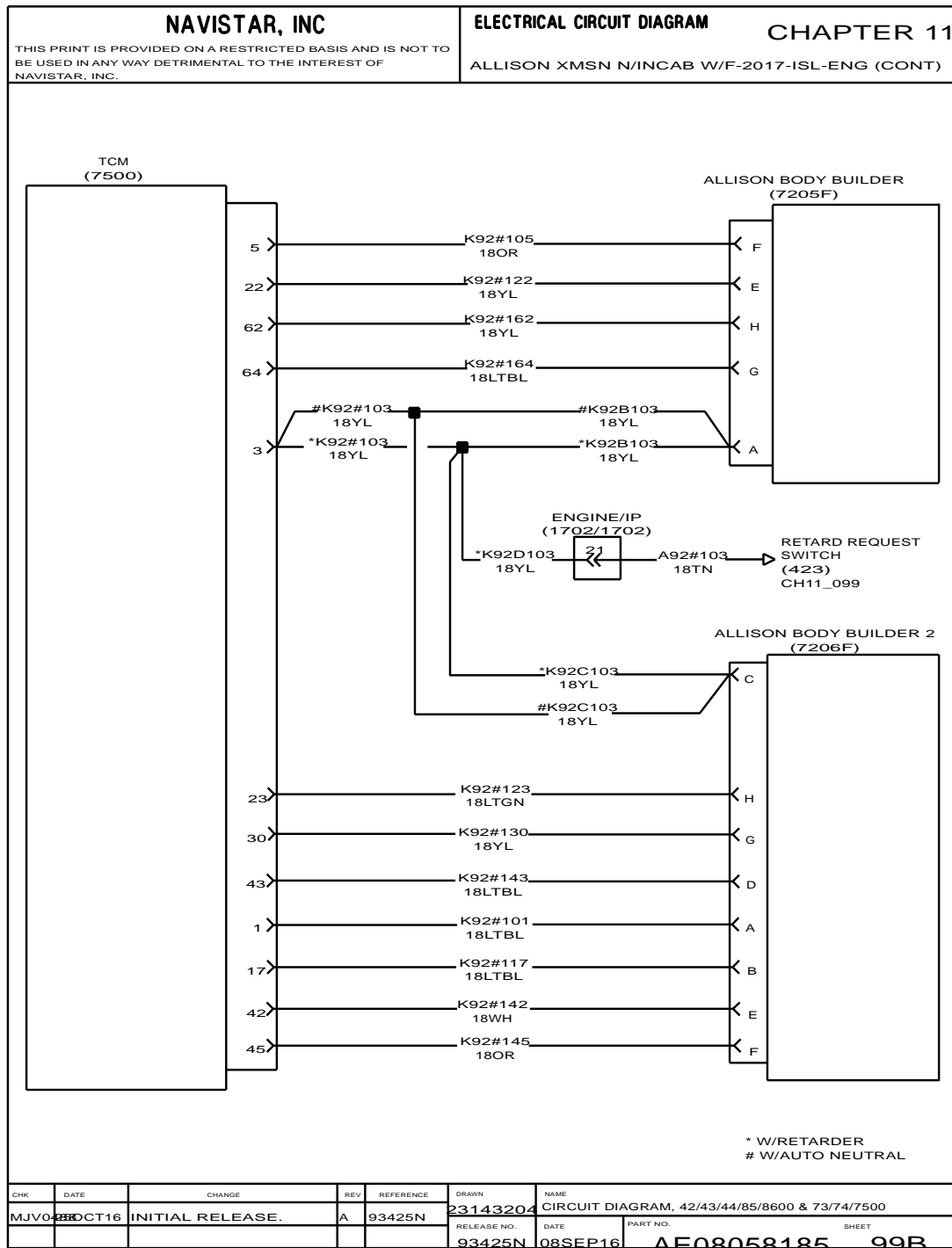


Figure 659 Allison Transmission without In-Cab with F-2017 ISL Engine (Cont.)

11.128. ALLISON TRANSMISSION WITHOUT IN-CAB WITH F-2017 ISL ENGINE (CONT.), P. 99C

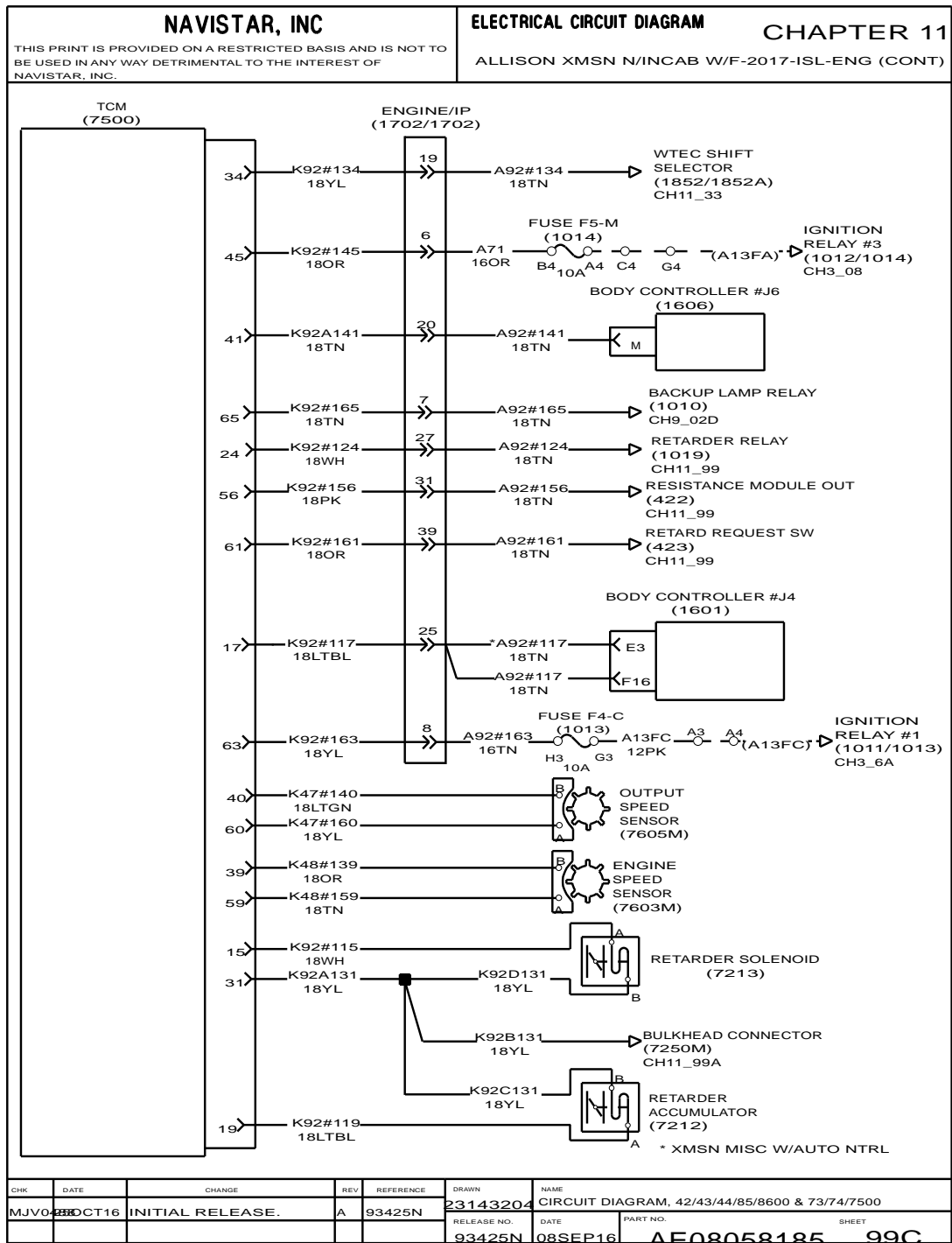


Figure 660 Allison Transmission without In-Cab with F-2017 ISL Engine (Cont.)

11.129. ALLISON TRANSMISSION WITHOUT IN-CAB WITH F-2017 ISL ENGINE (CONT.), P. 99D

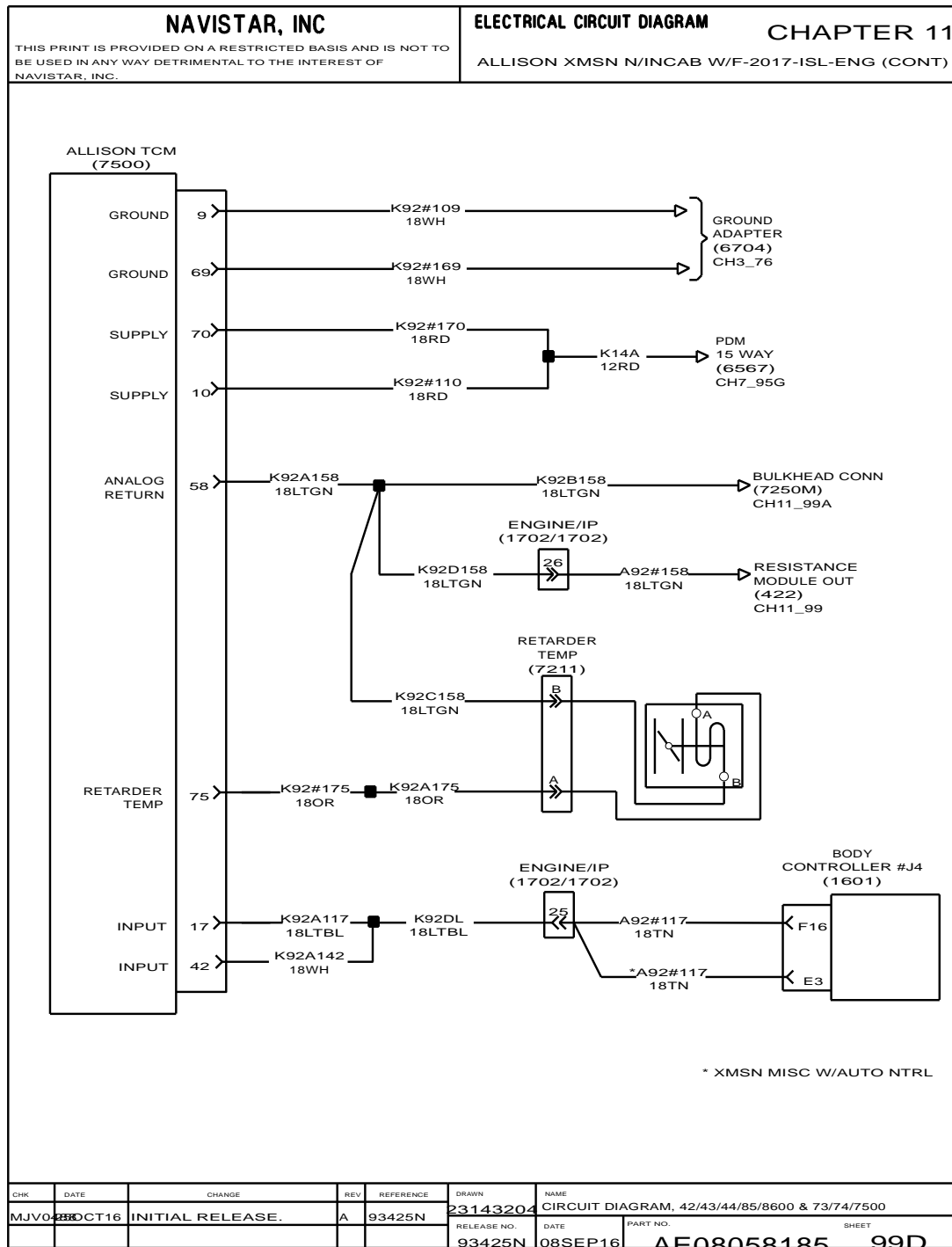


Figure 661 Allison Transmission without In-Cab with F-2017 ISL Engine (Cont.)

11.130. ALLISON TRANSMISSION WITH IN-CAB WITH F-2017 ISL ENGINE, P. 99E

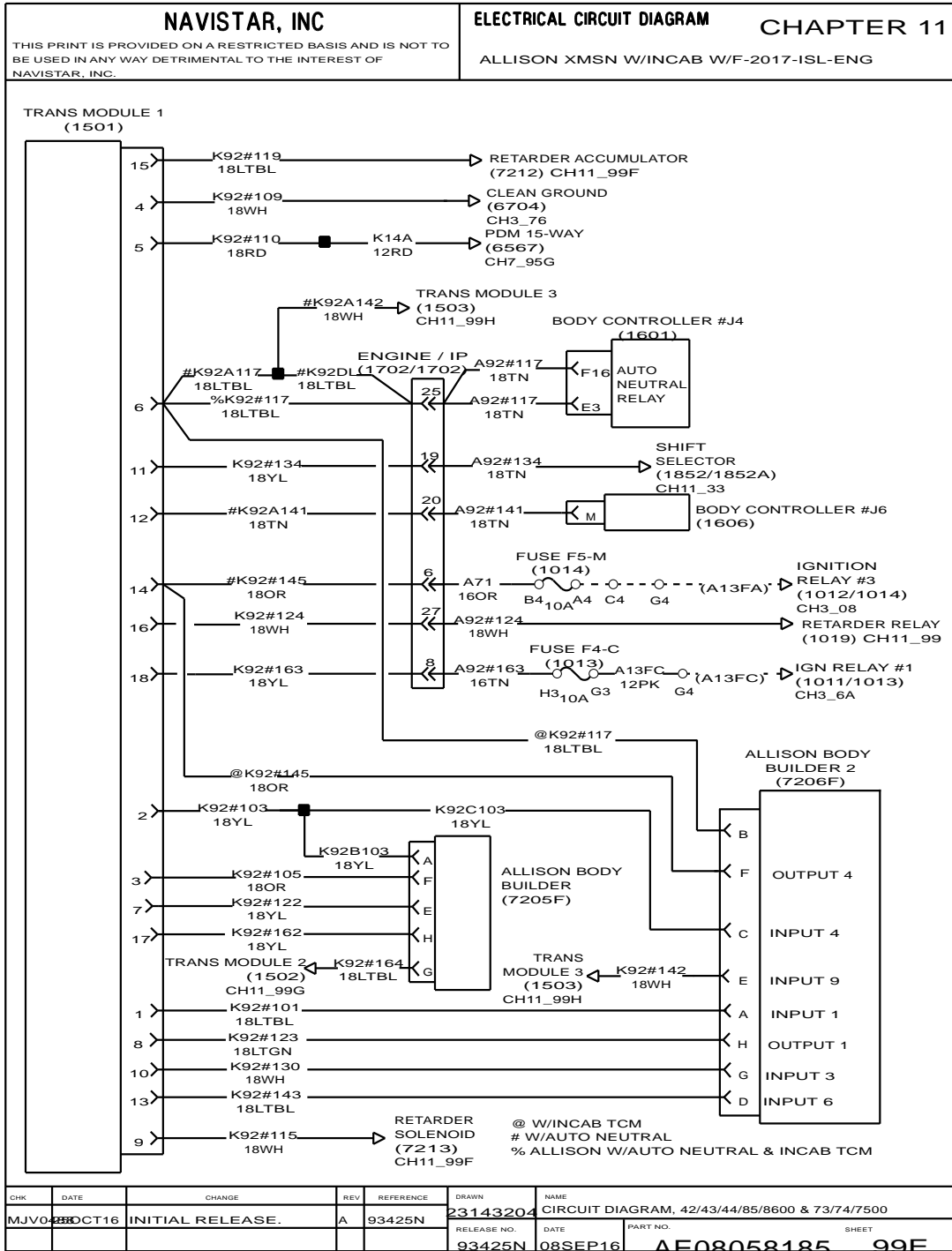


Figure 662 Allison Transmission with In-Cab with F-2017 ISL Engine



11.131. ALLISON TRANSMISSION WITH IN-CAB WITH F-2017 ISL ENGINE (CONT.), P. 99F

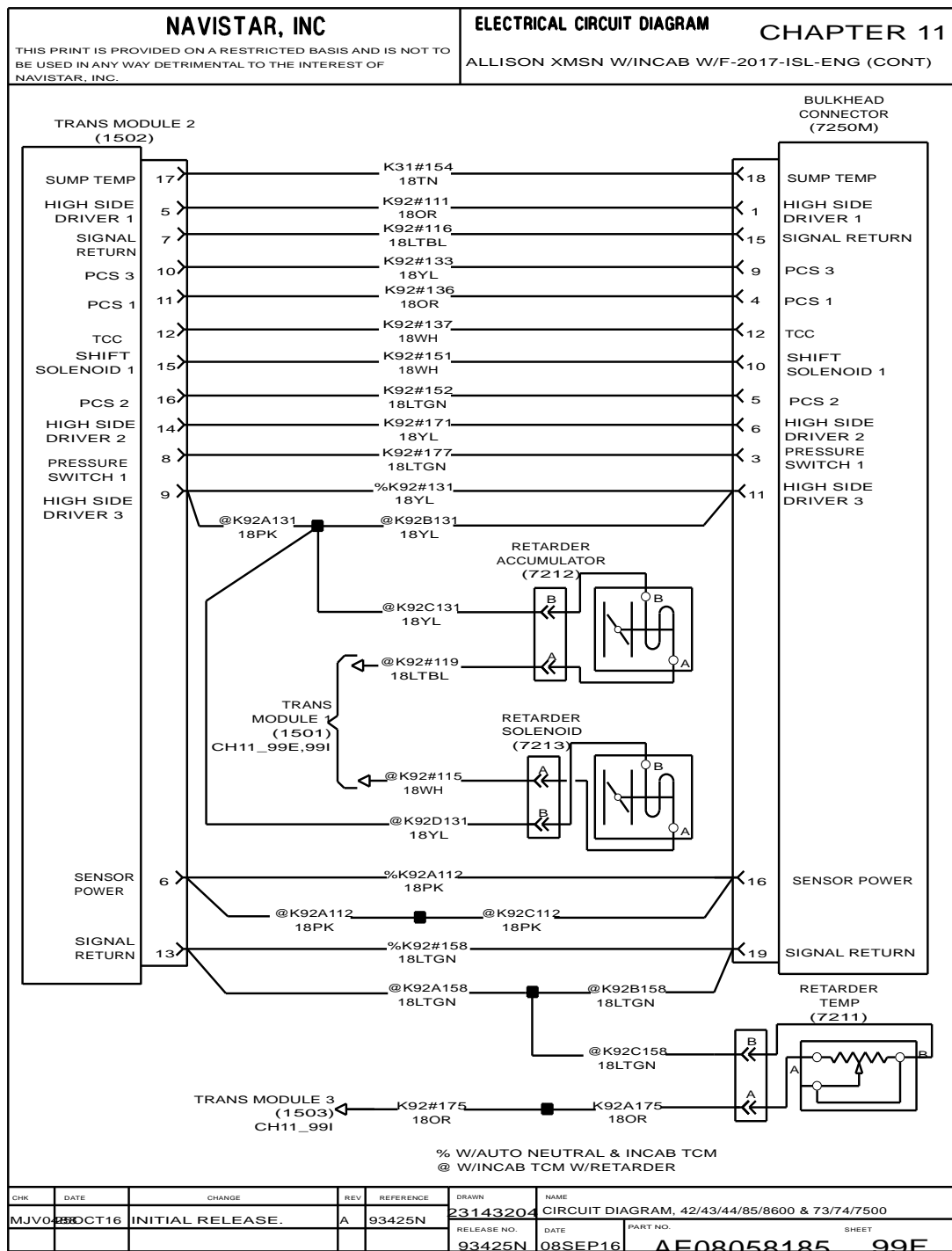


Figure 663 Allison Transmission with In-Cab with F-2017 ISL Engine (Cont.)

11.132. ALLISON TRANSMISSION WITH IN-CAB WITH F-2017 ISL ENGINE (CONT.), P. 99G

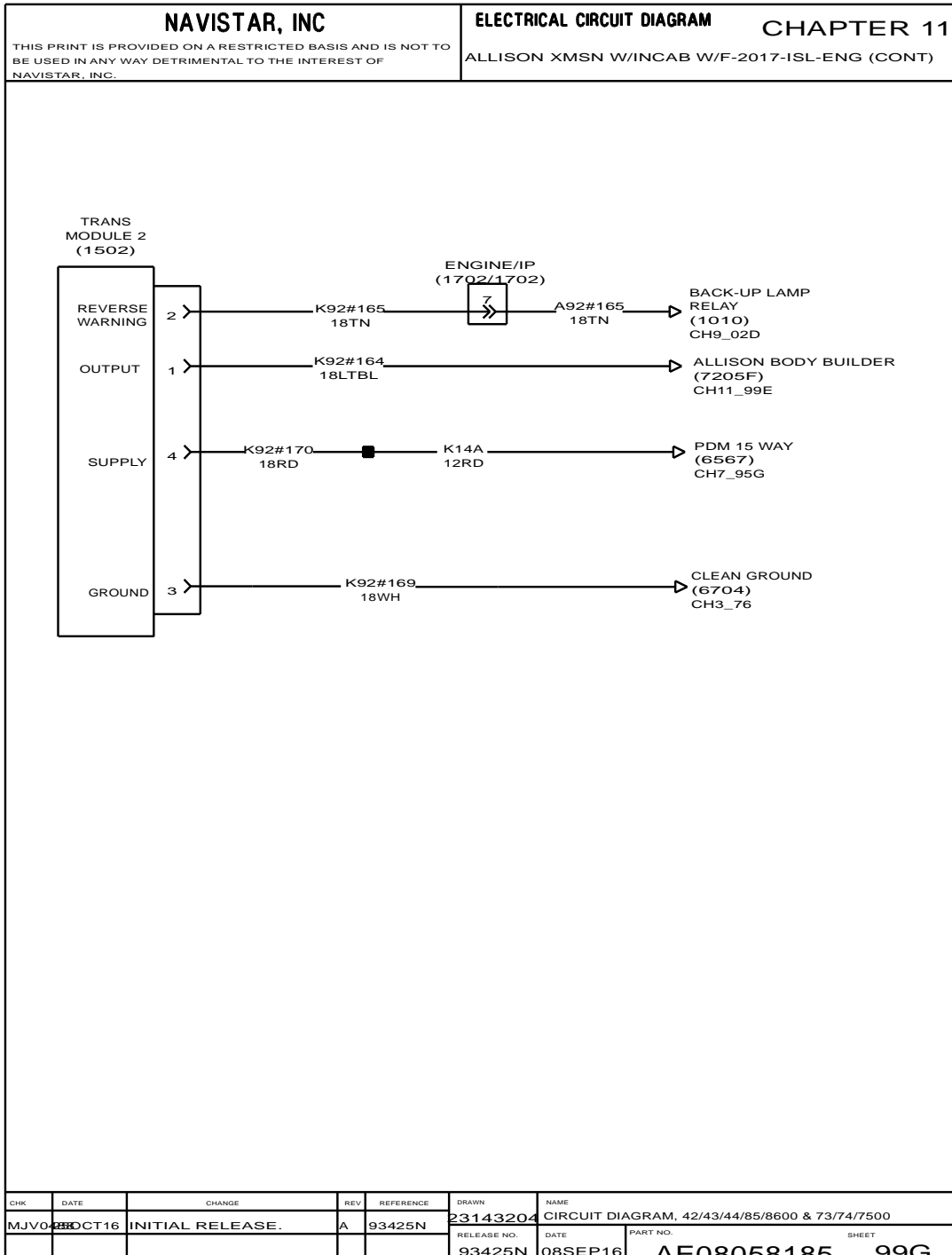


Figure 664 Allison Transmission with In-Cab with F-2017 ISL Engine (Cont.)

11.133. ALLISON TRANSMISSION WITH IN-CAB WITH F-2017 ISL ENGINE (CONT.), P. 99H

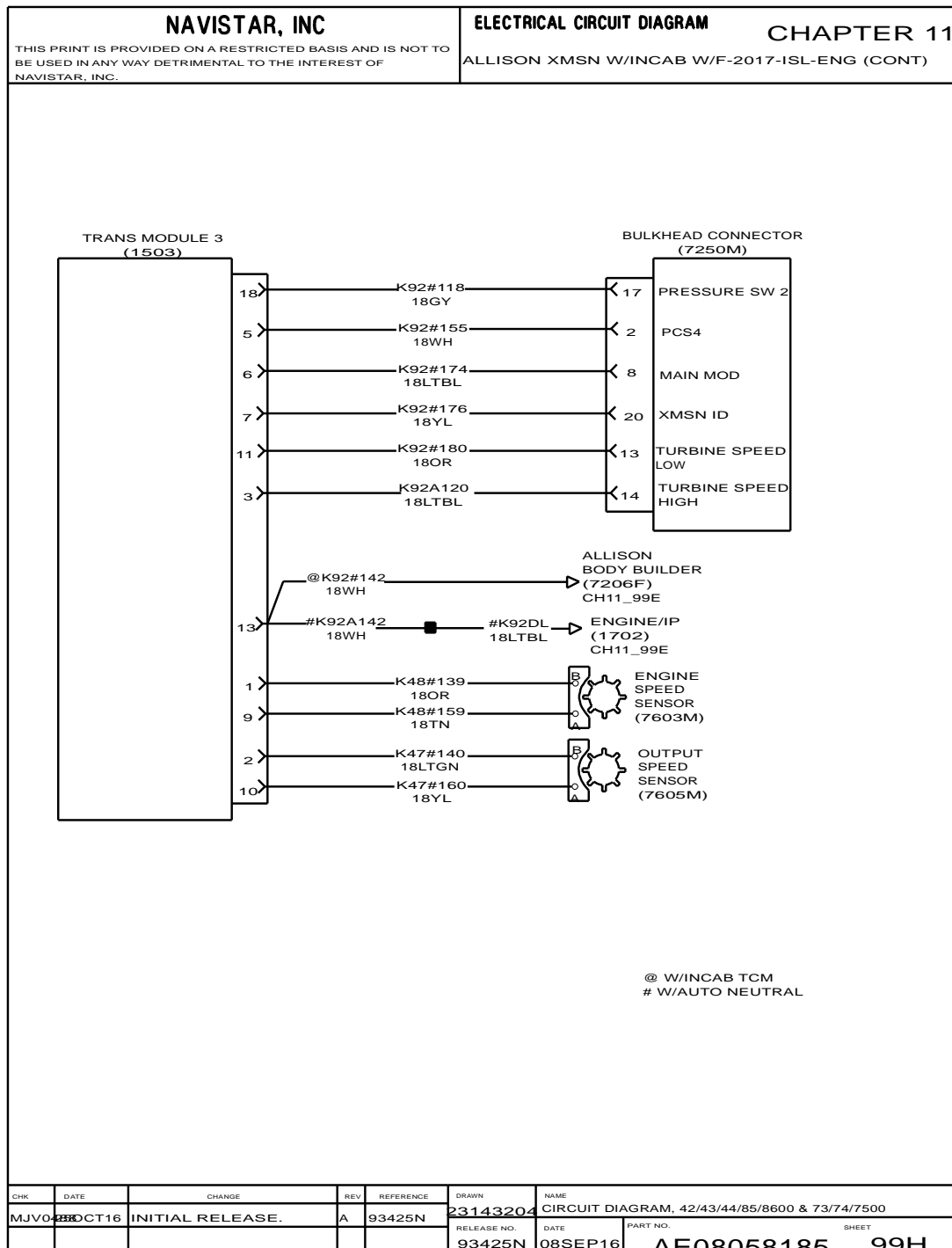


Figure 665 Allison Transmission with In-Cab with F-2017 ISL Engine (Cont.)

11.134. ALLISON TRANSMISSION WITH IN-CAB WITH F-2017 ISL ENGINE (CONT.), P. 991

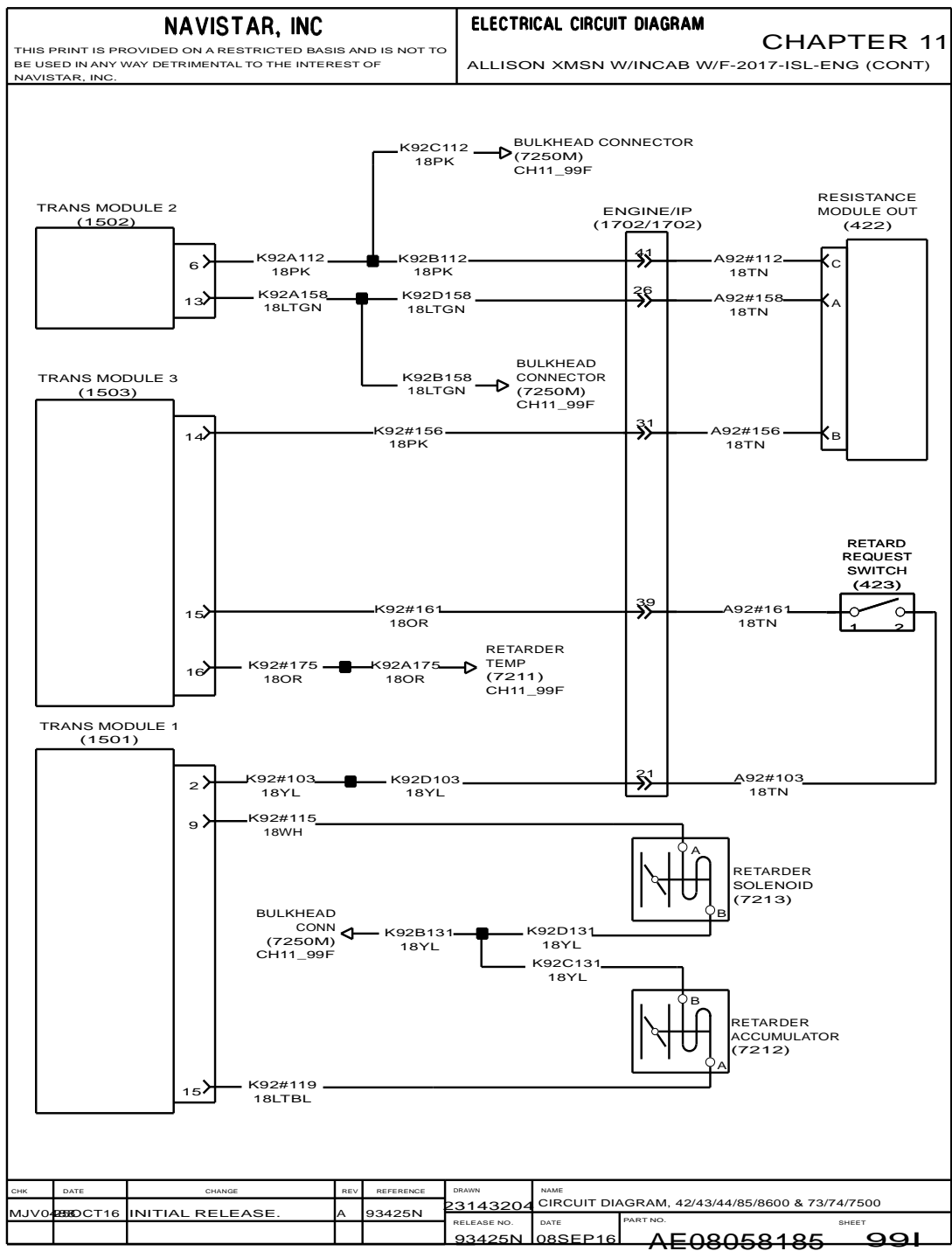


Figure 666 Allison Transmission with In-Cab with F-2017 ISL Engine (Cont.)

# AIR CONDITIONING (CHAPTER 12)

## 12.1. AIR CONDITIONING, P. 1

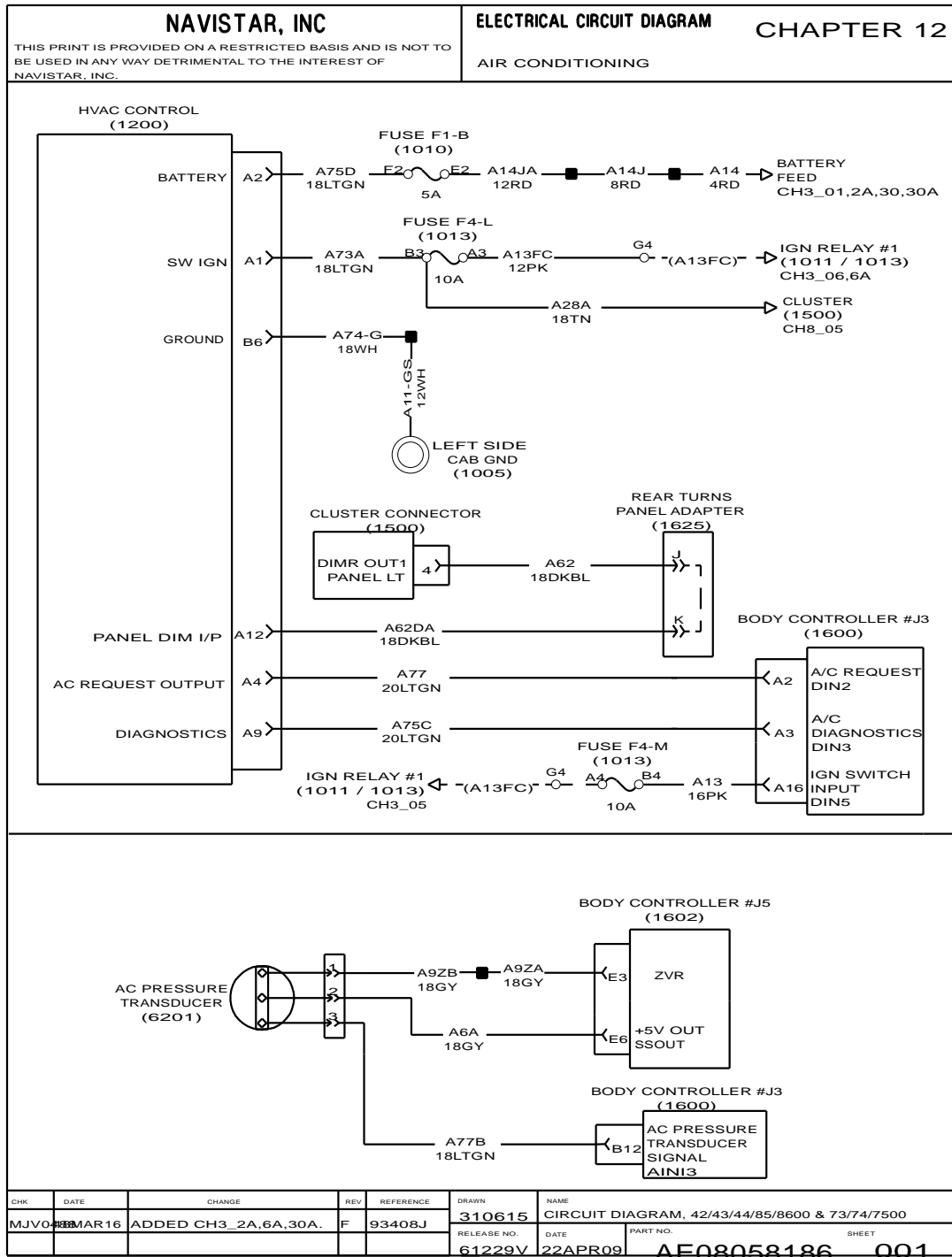


Figure 667 Air Conditioning

12.2. AIR CONDITIONING (CONT.), P. 2

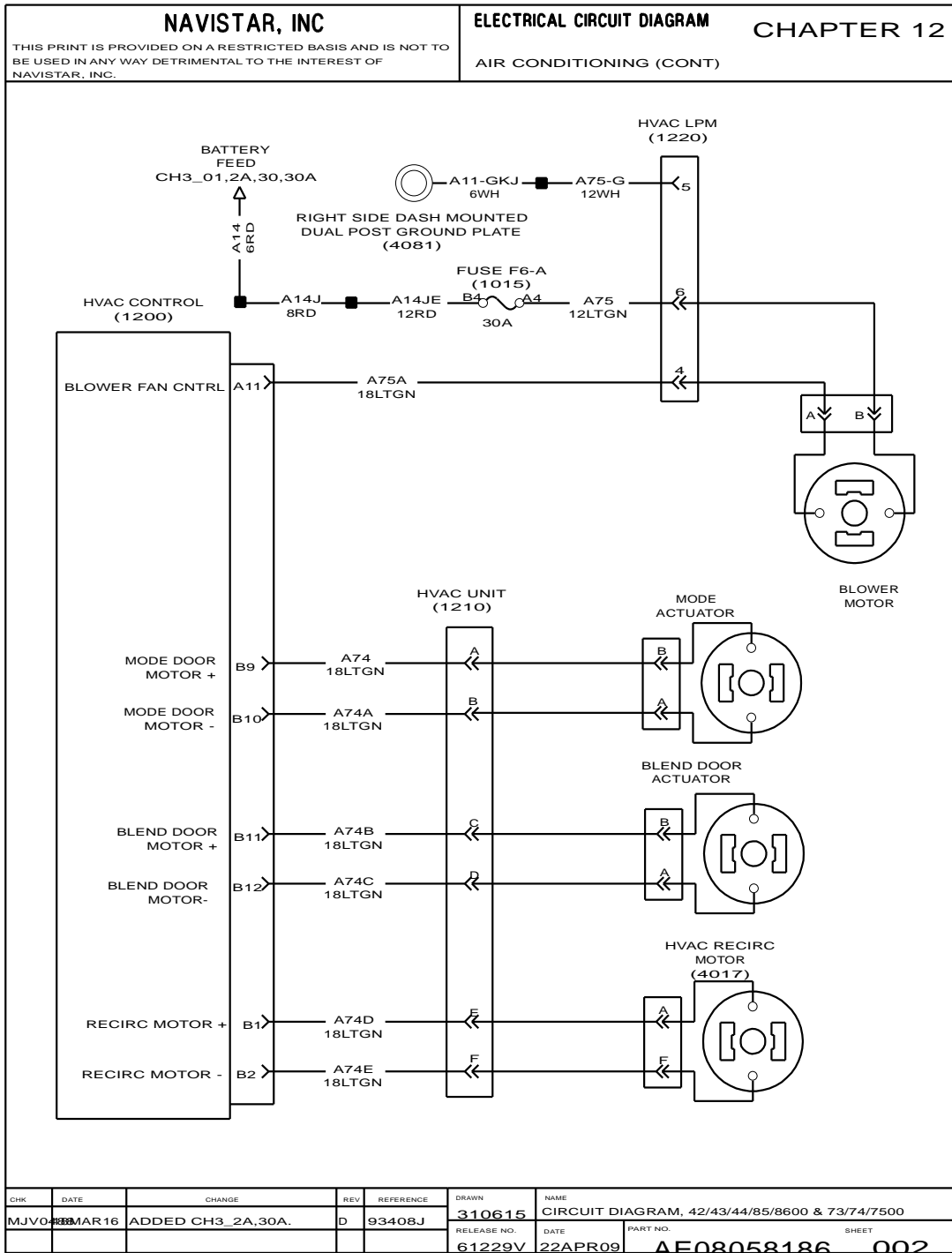


Figure 668 Air Conditioning (Cont.)

12.3. HVAC SYSTEM, P. 3

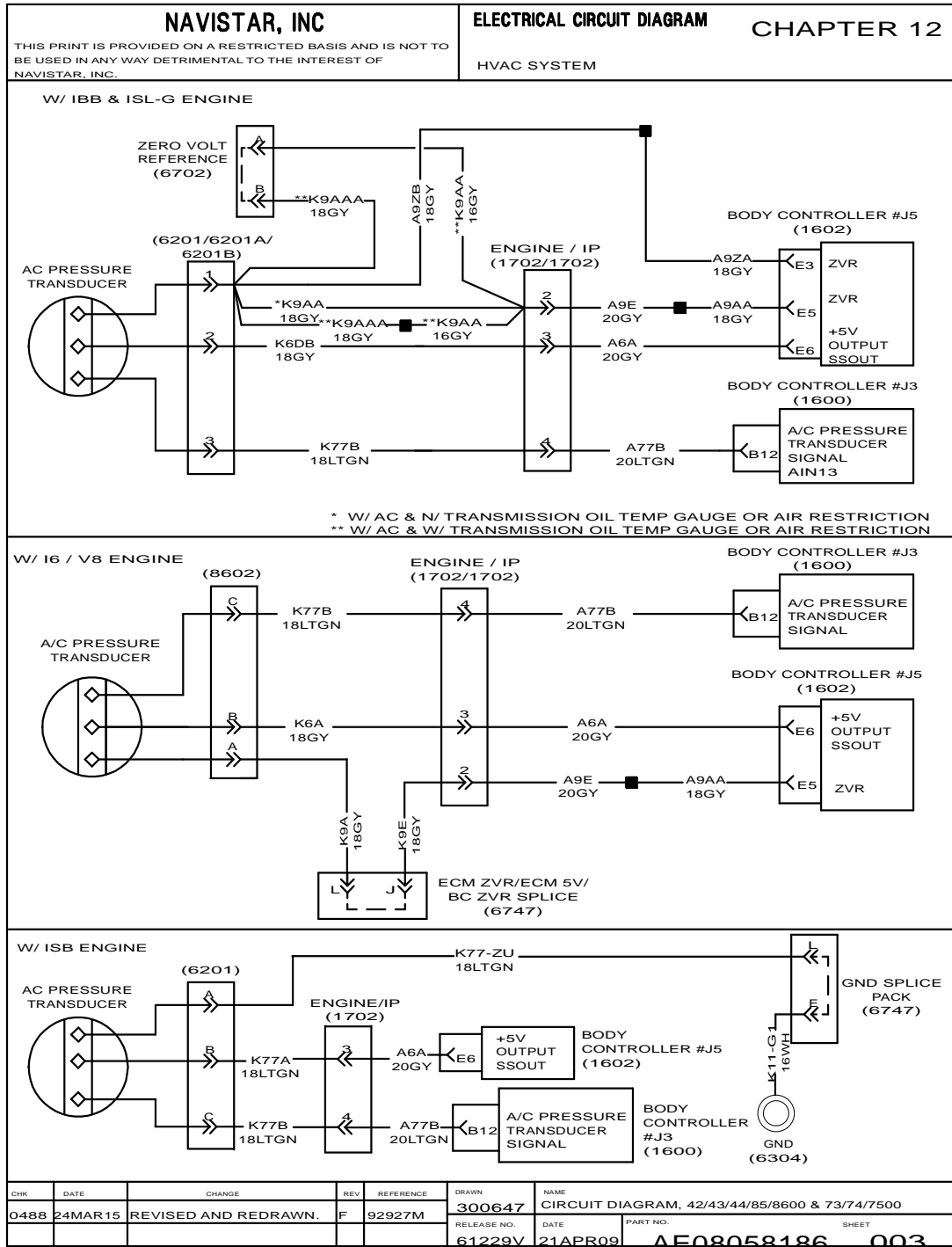


Figure 669 HVAC System

12.4. FREON COMPRESSOR WITH F-2017 ISB ENGINE, P. 3A

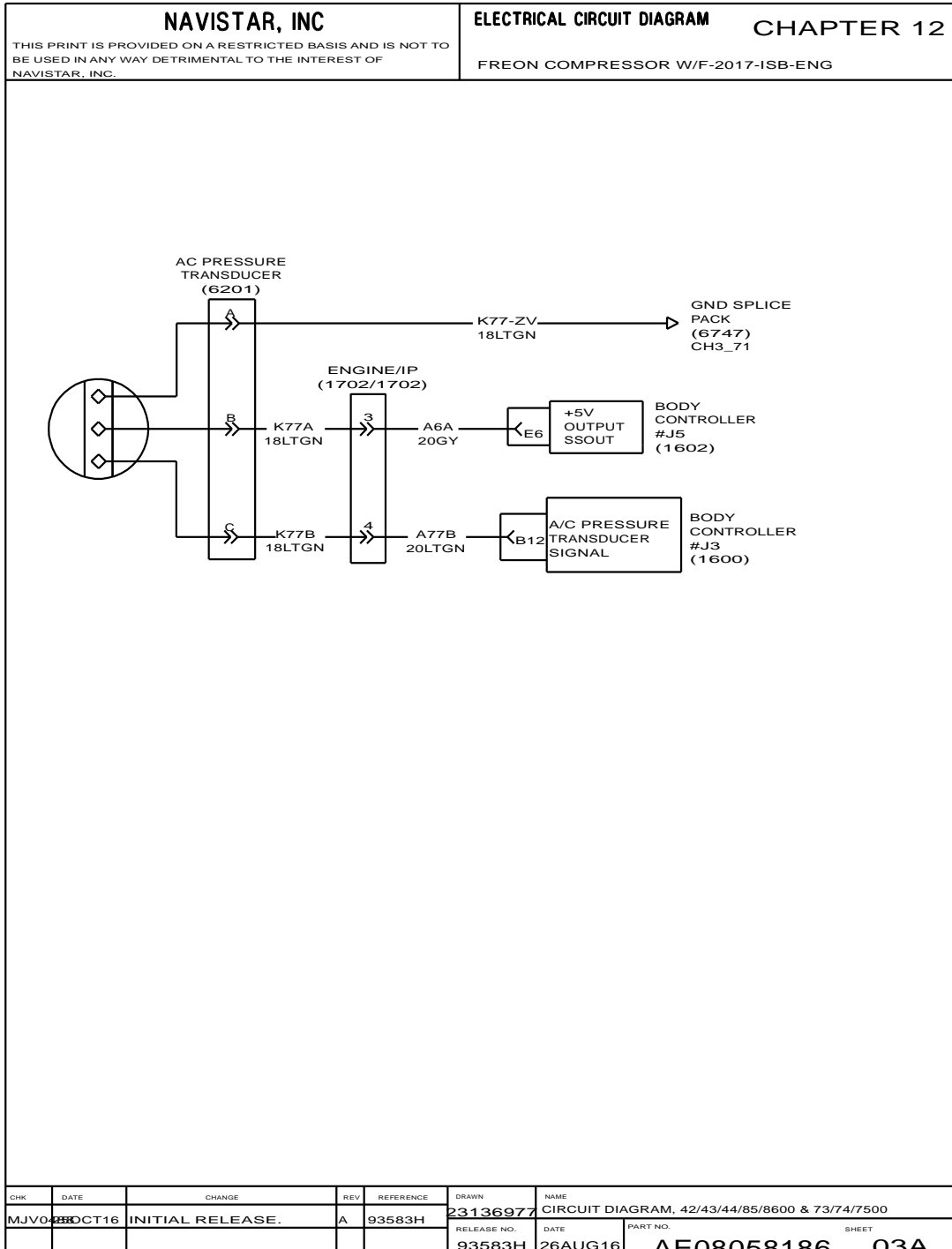


Figure 670 Freon Compressor with F-2017 ISB Engine



12.5. HVAC SYSTEM (CONT.), P. 4

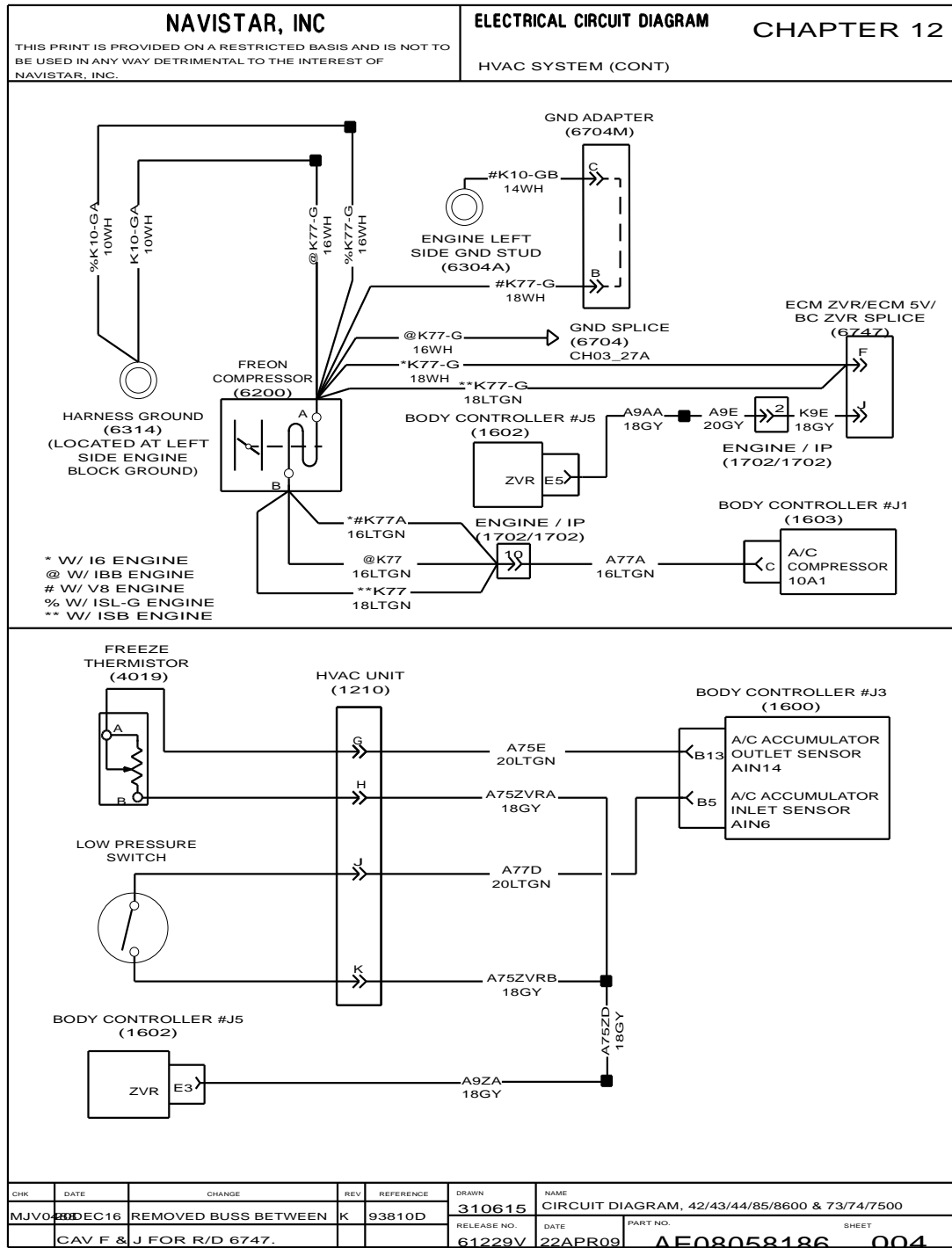


Figure 671 HVAC System (Cont.)

12.6. HVAC SYSTEM (CONT.), P. 4A

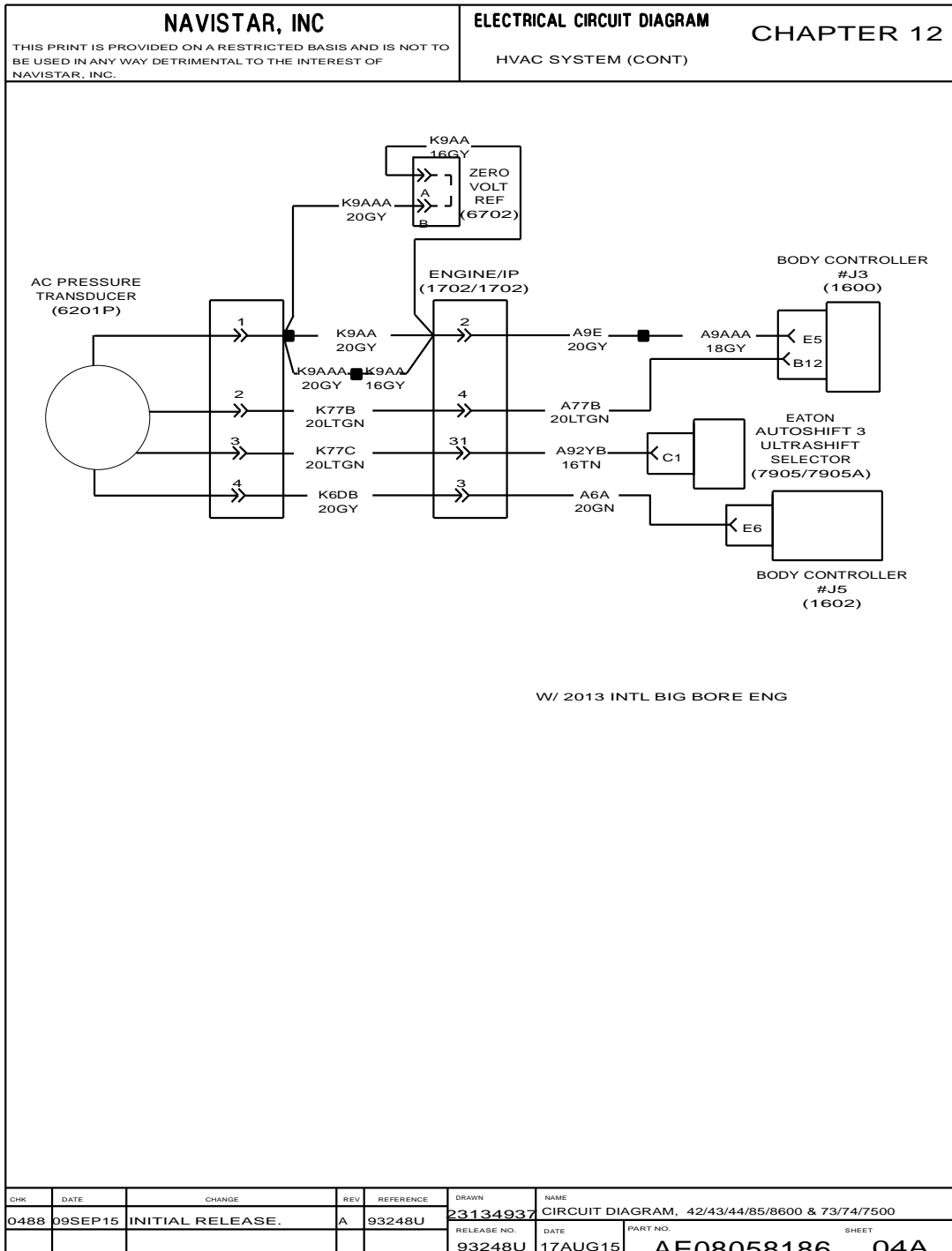


Figure 672 HVAC System (Cont.)

12.7. AUTOTHERM SYSTEM, P. 5

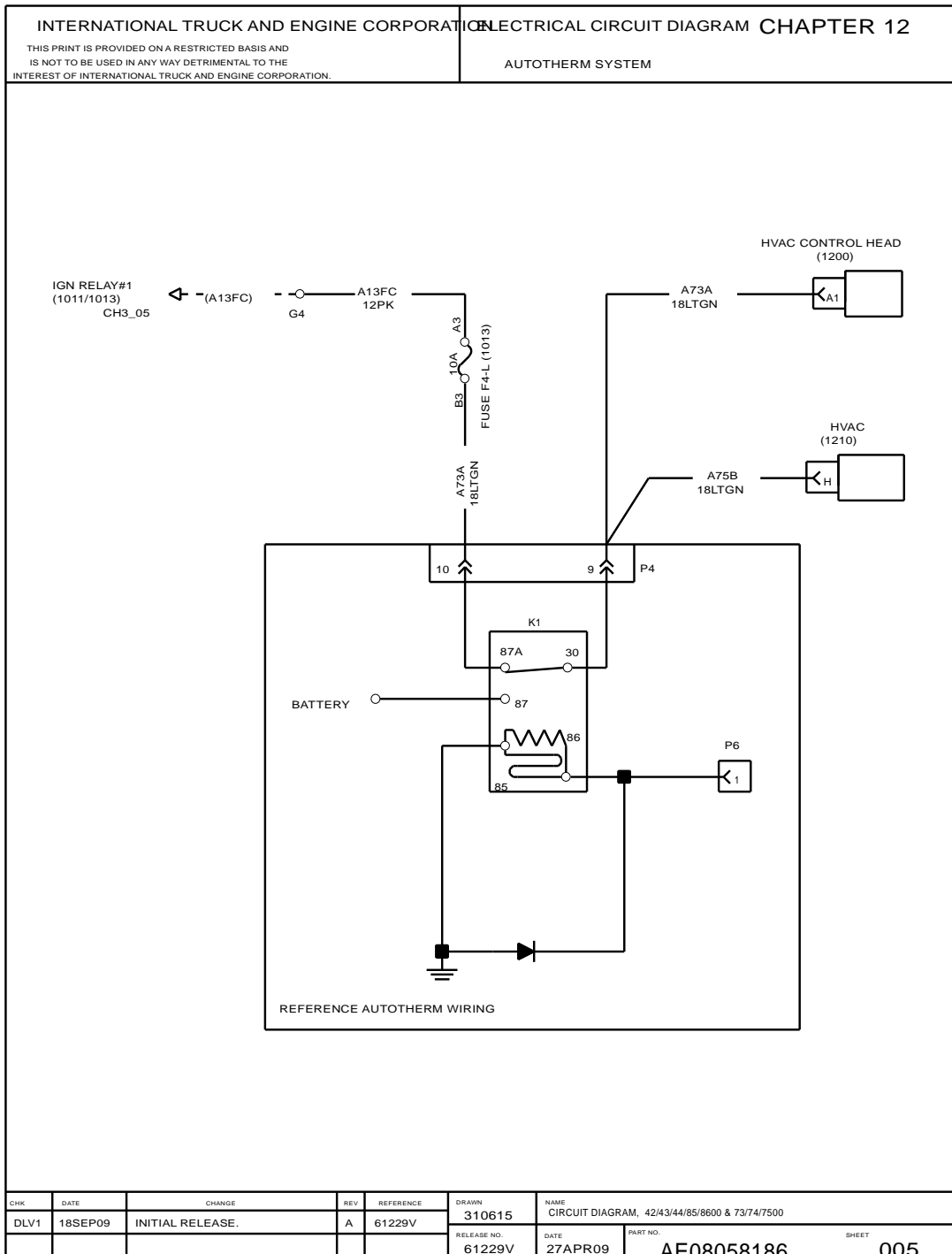


Figure 673 Autotherm System

12.8. FREON COMPRESSOR WITH F-2013 ISL ENGINE, P. 6

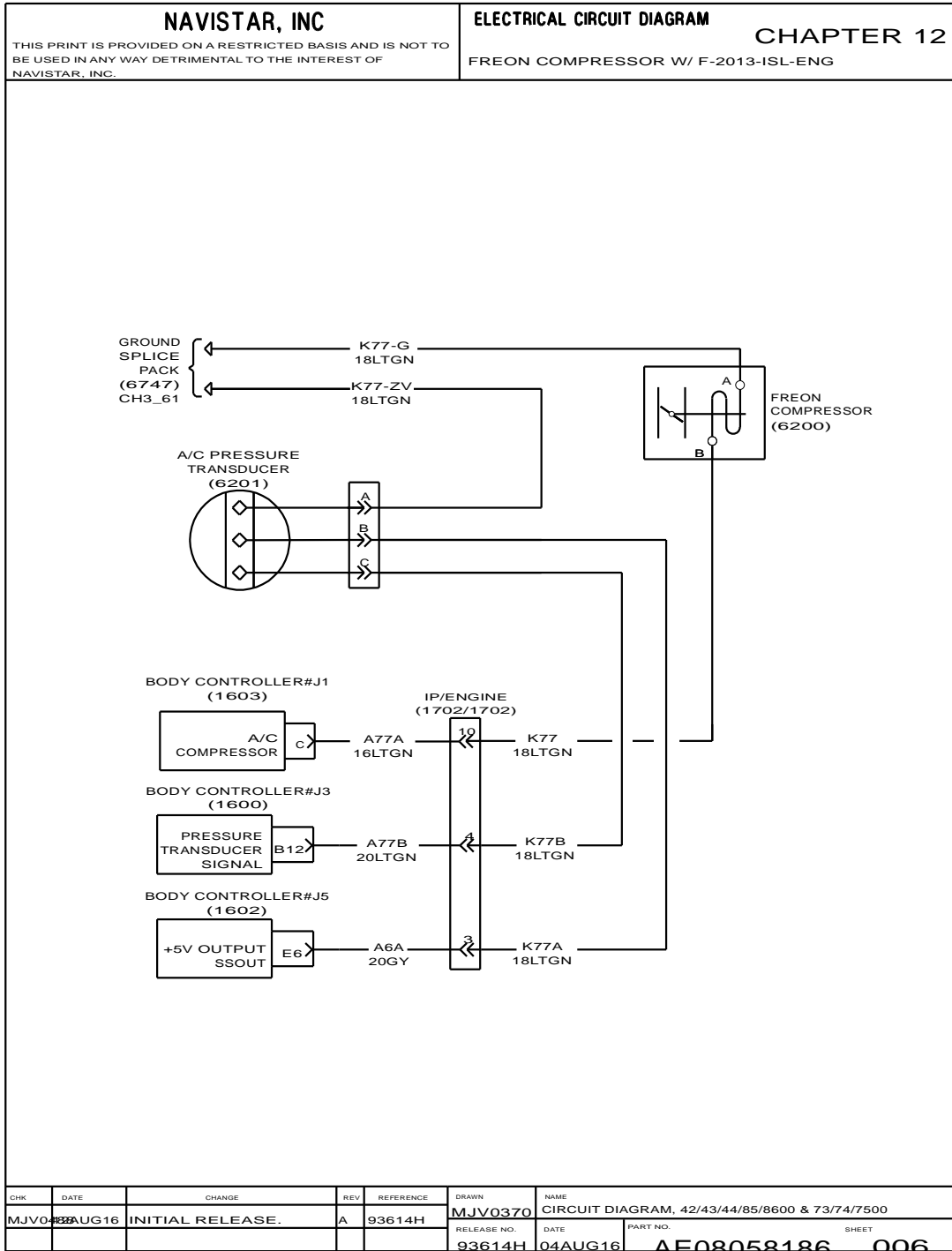


Figure 674 Freon Compressor with F-2013 ISL Engine

12.9. FREON COMPRESSOR WITH F-2013 ISL ENGINE, P. 7

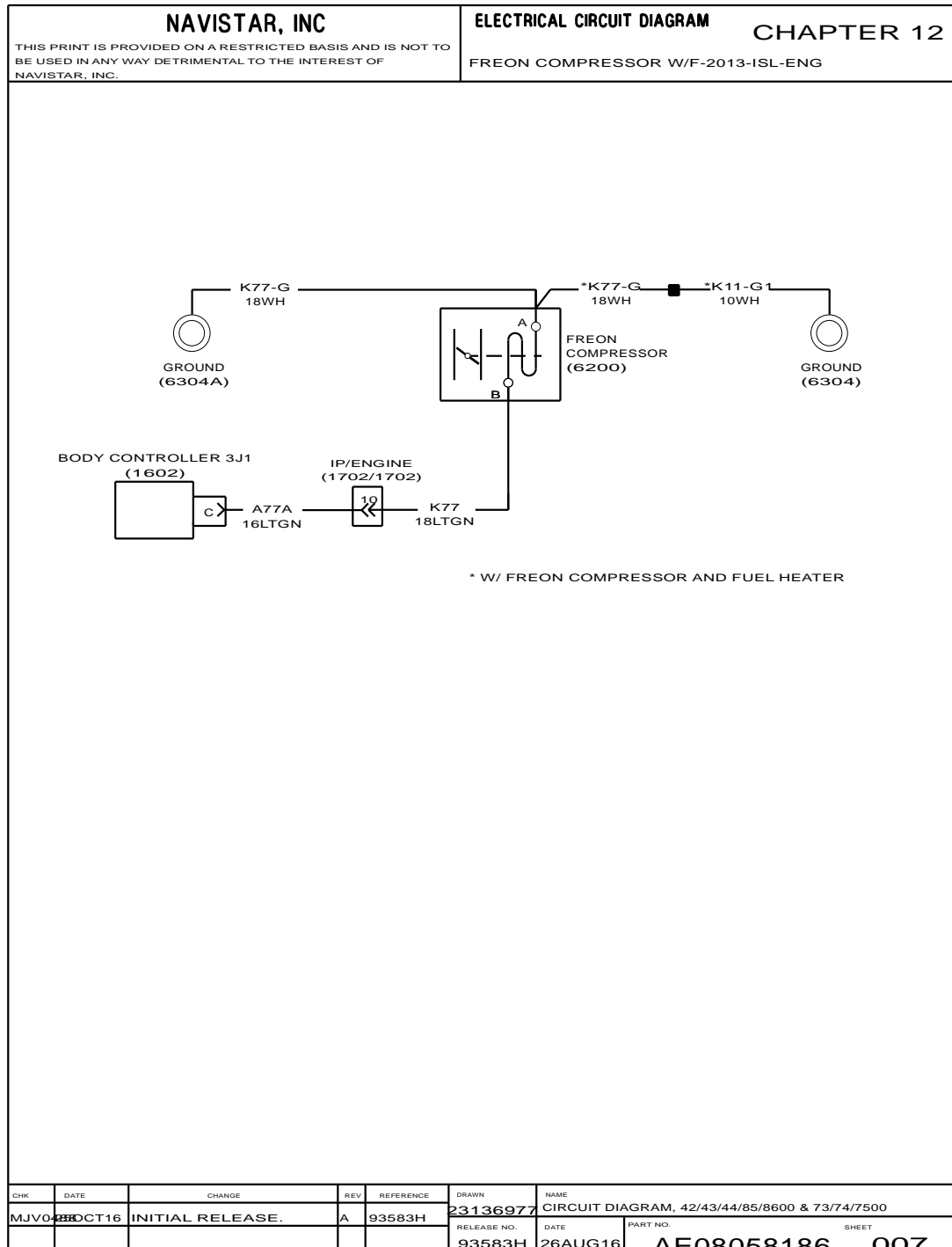


Figure 675 Freon Compressor with F-2013 ISL Engine

12.10. FREON COMPRESSOR WITH F-2017 ISL ENGINE, P. 8

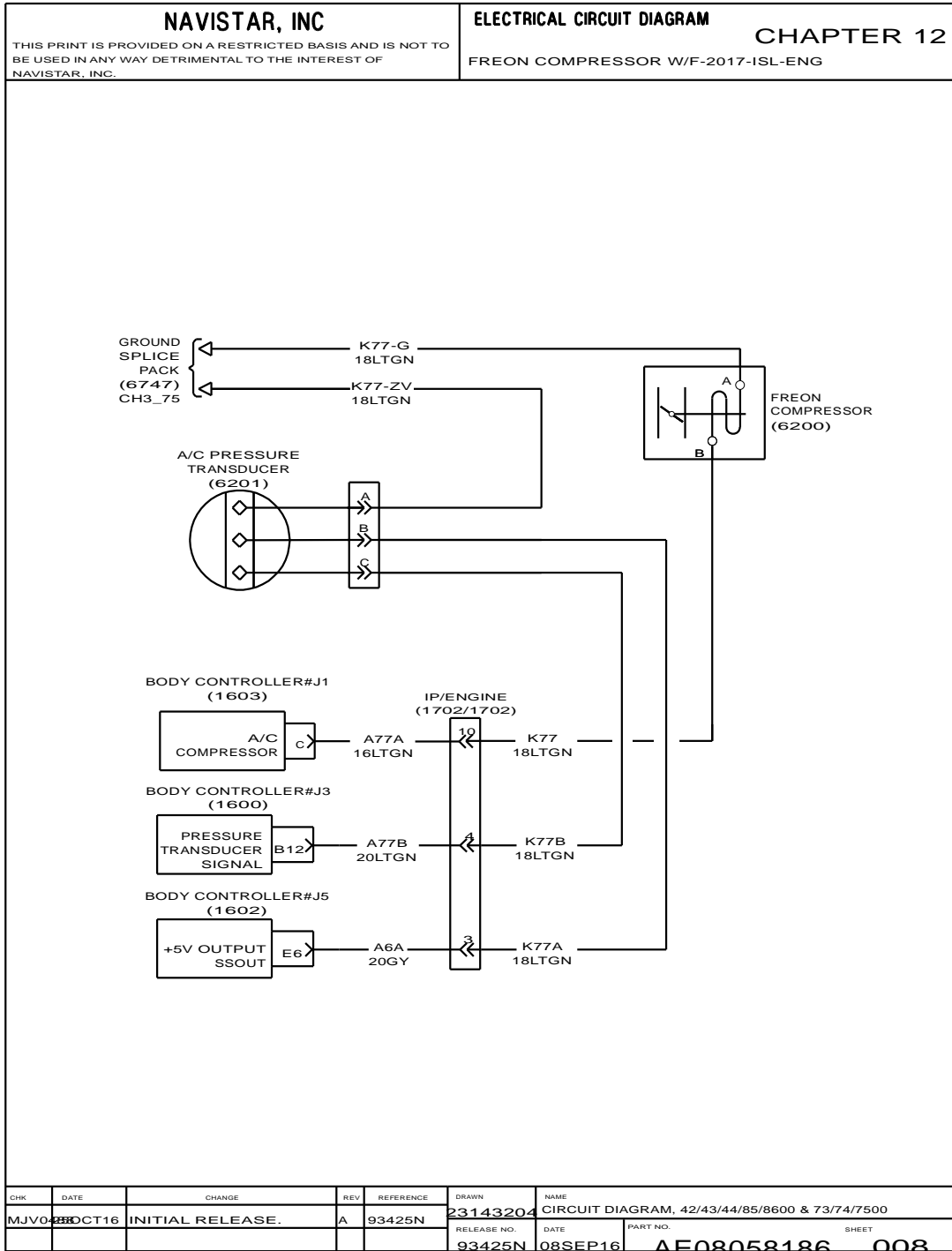


Figure 676 Freon Compressor with F-2017 ISL Engine

## CONNECTOR COMPOSITES (CHAPTER 13)

### 13.1. CONNECTOR COMPOSITES (1), (1A), (1C), (\*1F), P. 1

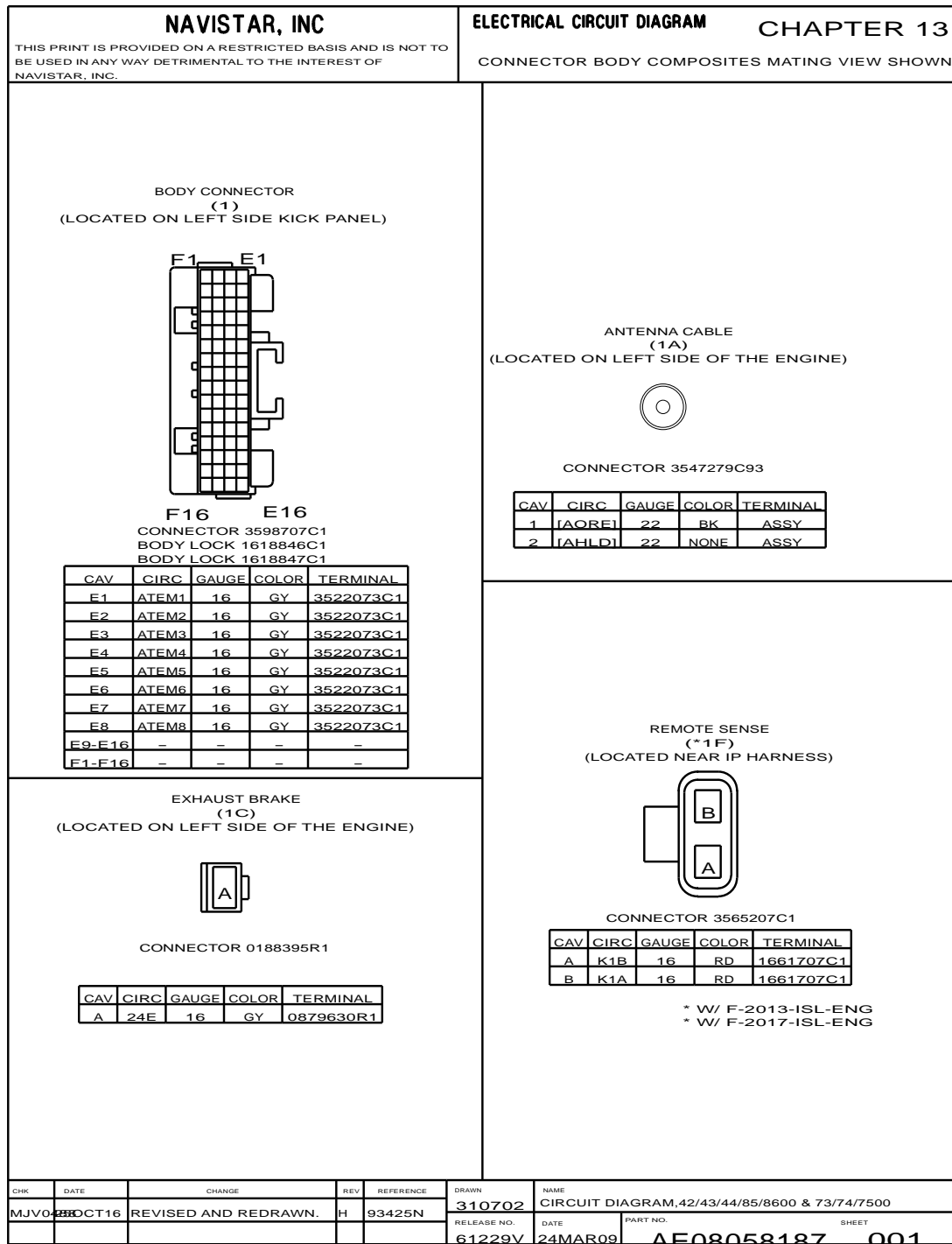


Figure 677 Connector Composites (1), (1A), (1C), (\*1F)

13.2. CONNECTOR COMPOSITES (2A), (3A), (4A), (18A), (19A), P. 1A

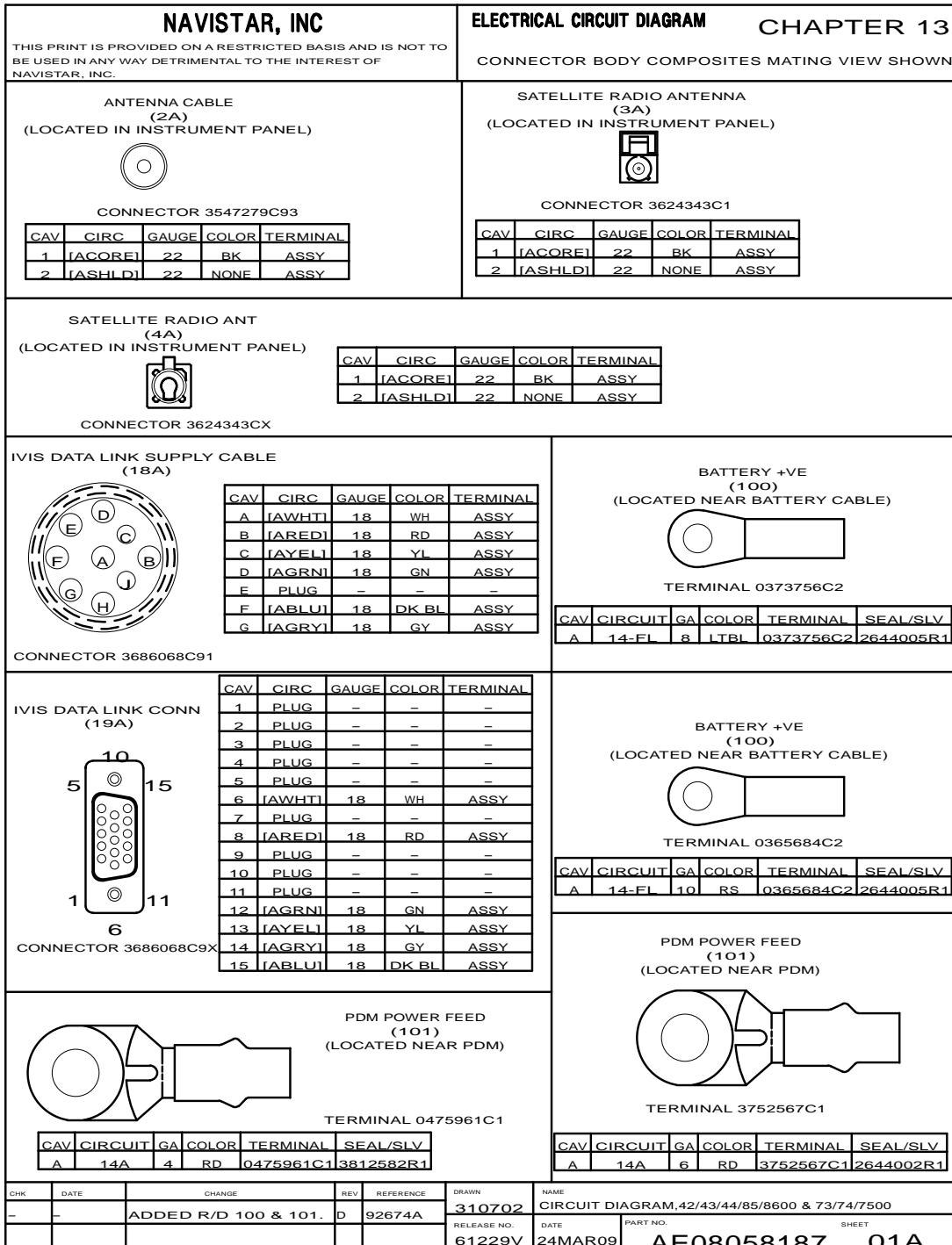


Figure 678 Connector Composites (2A), (3A), (4A), (18A), (19A)



13.3. CONNECTOR COMPOSITES (254F), (254M), (304), (317), P. 2

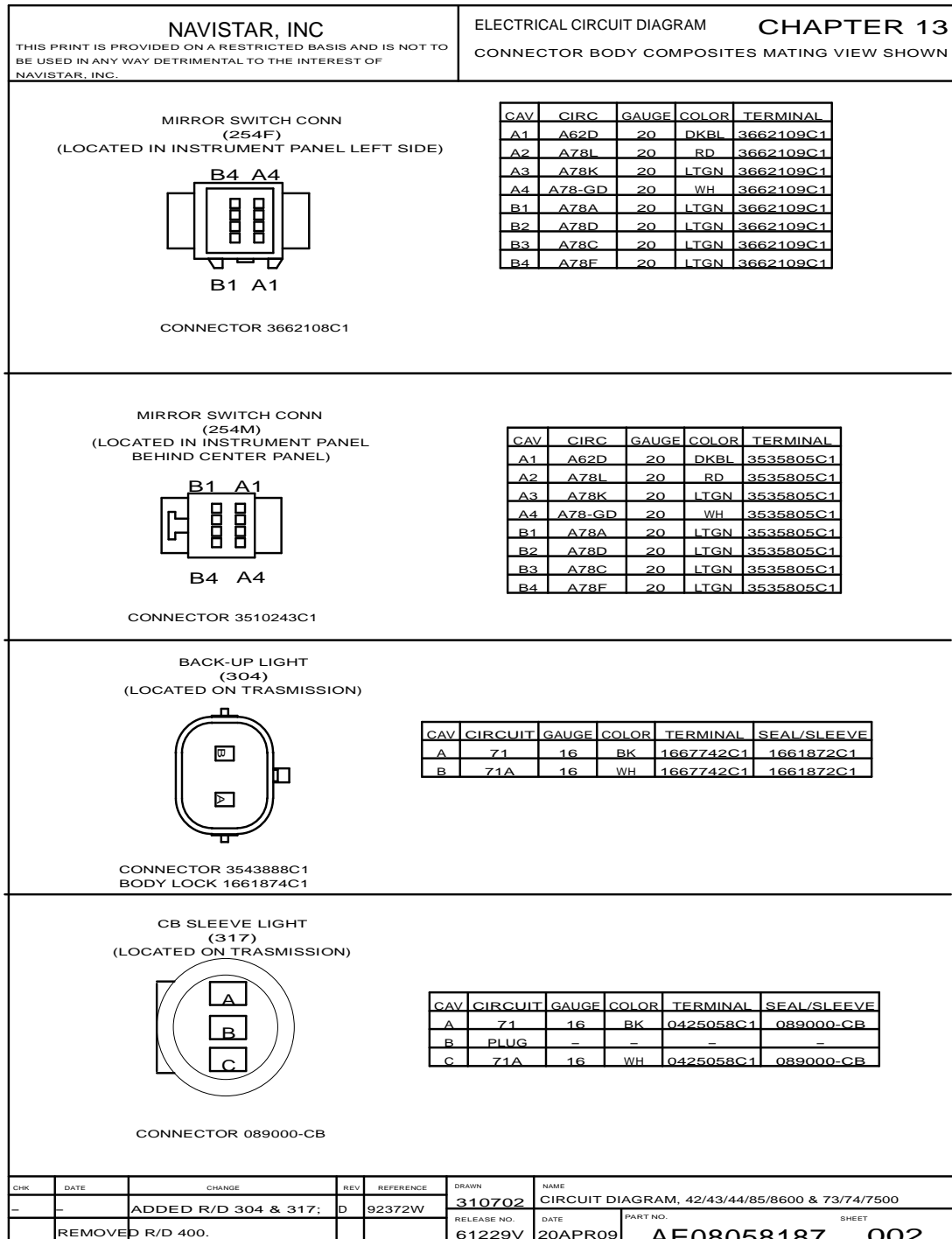


Figure 679 Connector Composites (254F), (254M), (304), (317)

13.4. CONNECTOR COMPOSITES (400), (411M1), (421), (422), P. 3

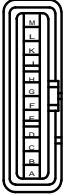
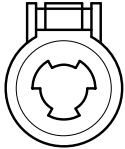
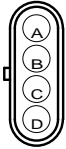
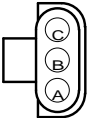
<b>NAVISTAR, INC</b>		<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 13</b>																																																																																																																									
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<p style="text-align: center;">TURN SIGNAL ADAPTER (400) (LOCATED ON MODULE BRACKET)</p>  <p style="text-align: center;">CONNECTOR 3543733C1 BODY LOCK 3543732C1</p> <p style="text-align: center;">* MUTUALLY EXCLUSIVE # W/ LIFT AXLE</p>		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A*</td><td>A57E</td><td>16</td><td>LTGN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>A*</td><td>A57A</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>B*</td><td>A57D</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>B*</td><td>A57D</td><td>16</td><td>LTGN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>C</td><td>A57BC</td><td>16</td><td>LTGN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>D</td><td>A57R</td><td>16</td><td>LTGN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>E*</td><td>A56E</td><td>16</td><td>YL</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>E*</td><td>A56A</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>F*</td><td>A56D</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>F*</td><td>A56D</td><td>16</td><td>YL</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>G</td><td>A56BC</td><td>16</td><td>YL</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>H</td><td>A56R</td><td>16</td><td>YL</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>J</td><td>A71AB</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>K*</td><td>A71BA</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>K*</td><td>A71A</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>L*</td><td>A67H</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>L#</td><td>A71P</td><td>18</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>L*</td><td>A71N</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>M</td><td>A71D</td><td>18</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	A57E	16	LTGN	3535303C1	3535424C1	A*	A57A	16	OR	3535303C1	3535424C1	B*	A57D	16	OR	3535303C1	3535424C1	B*	A57D	16	LTGN	3535303C1	3535424C1	C	A57BC	16	LTGN	3535303C1	3535424C1	D	A57R	16	LTGN	3535303C1	3535424C1	E*	A56E	16	YL	3535303C1	3535424C1	E*	A56A	16	OR	3535303C1	3535424C1	F*	A56D	16	OR	3535303C1	3535424C1	F*	A56D	16	YL	3535303C1	3535424C1	G	A56BC	16	YL	3535303C1	3535424C1	H	A56R	16	YL	3535303C1	3535424C1	J	A71AB	16	OR	3535303C1	3535424C1	K*	A71BA	16	OR	3535303C1	3535424C1	K*	A71A	16	OR	3535303C1	3535424C1	L*	A67H	18	GY	3535303C1	3535424C1	L#	A71P	18	OR	3535303C1	3535424C1	L*	A71N	16	OR	3535303C1	3535424C1	M	A71D	18	OR	3535303C1	3535424C1
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Figure 680 Connector Composites (400), (411M1), (421), (422)

13.5. CONNECTOR COMPOSITES (422F), (423), (424), (425), (500), P. 3A

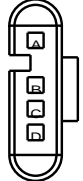
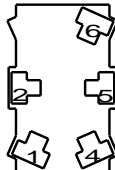
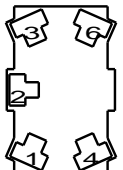
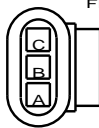
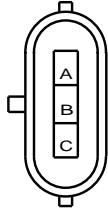
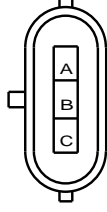
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A*	A44-GAH	18	GY	1661875C1	3568570C1																																																																																																														
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Figure 681 Connector Composites (422F), (423), (424), (425), (500)

13.6. CONNECTOR COMPOSITES (500), (600), (608), (662), (663), P. 3B

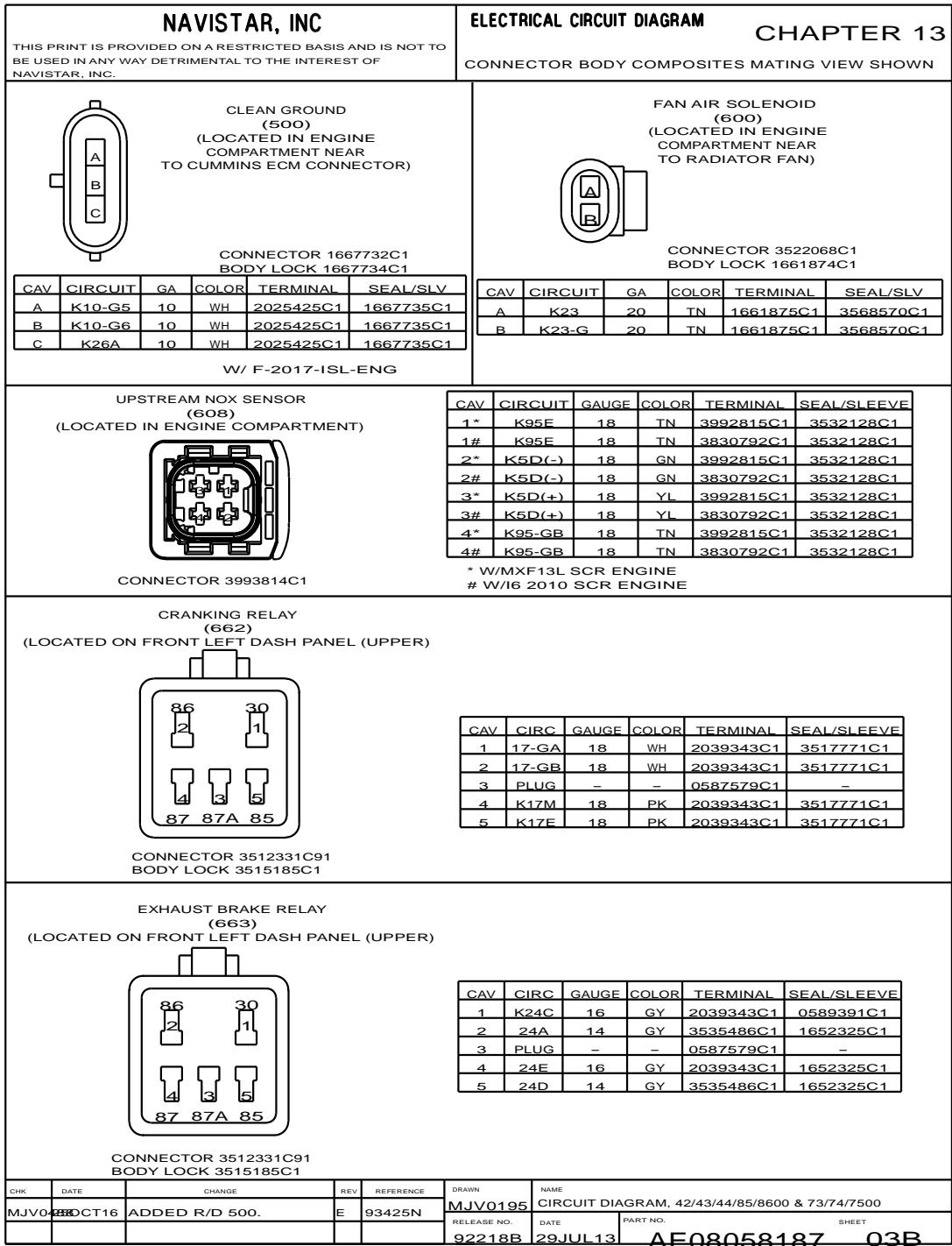


Figure 682 Connector Composites (500), (600), (608), (662), (663)

13.7. CONNECTOR COMPOSITES (663R), (664), (670), P. 3C

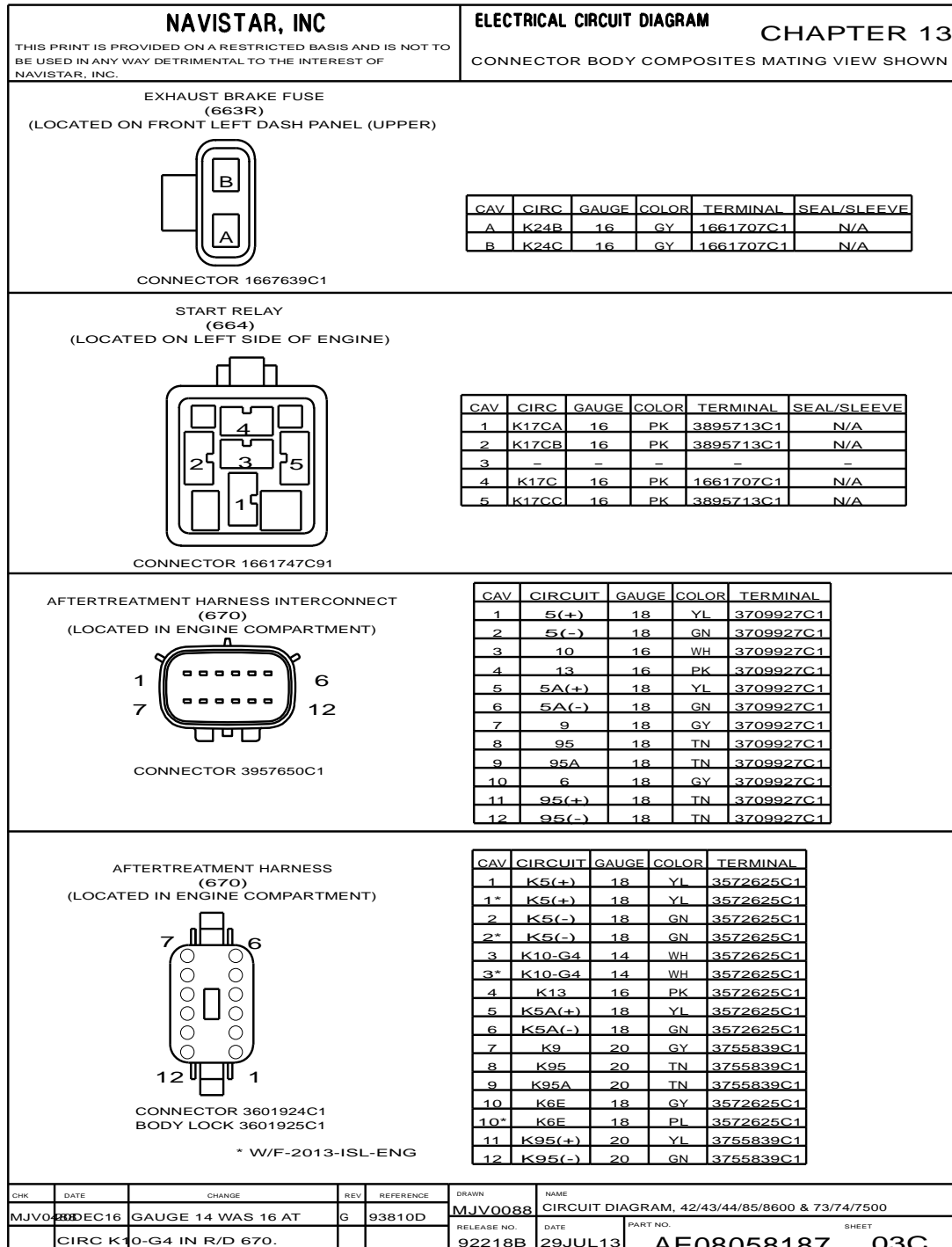


Figure 683 Connector Composites (663R), (664), (670)

13.8. CONNECTOR COMPOSITES (670), (670A), (671), P. 3D

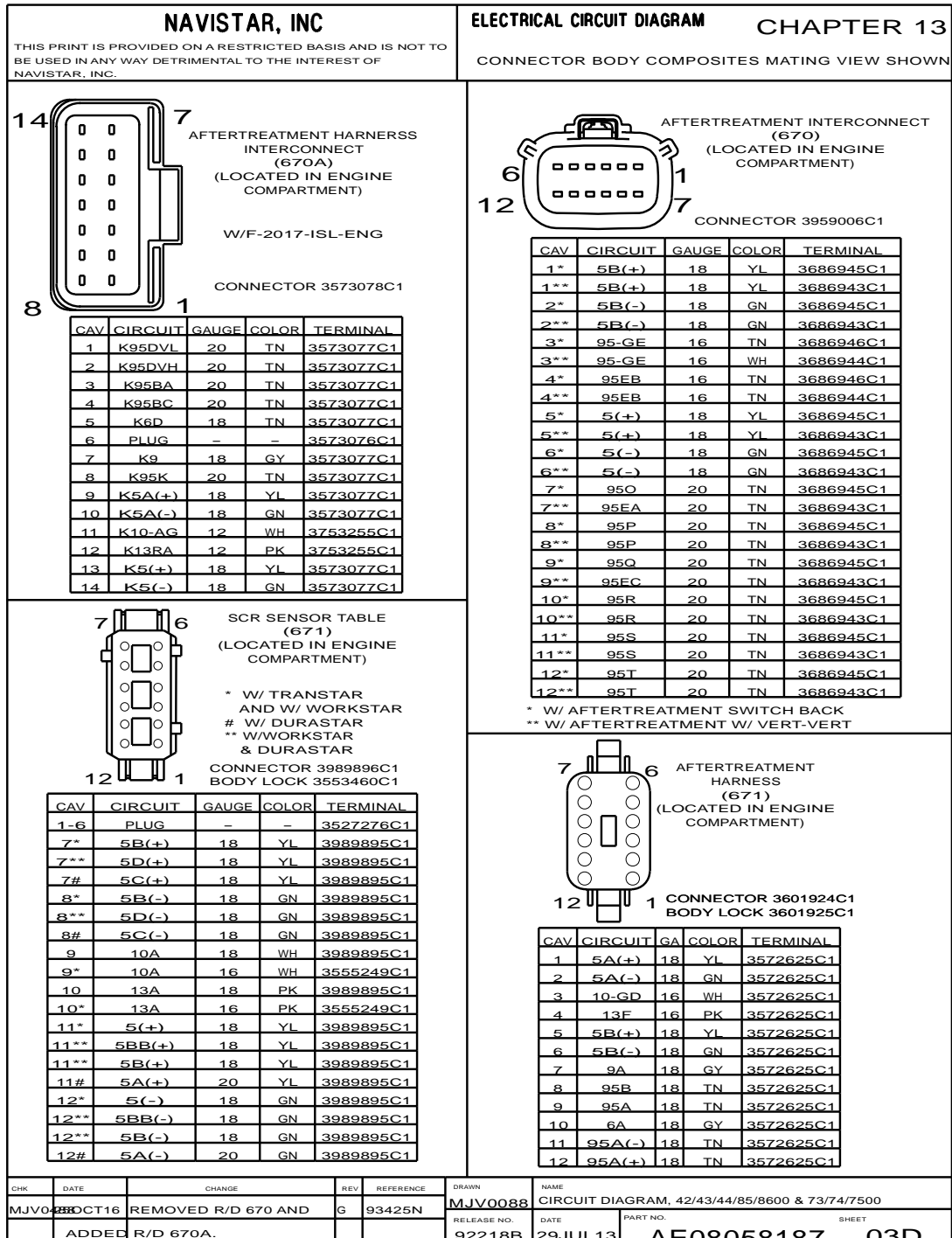


Figure 684 Connector Composites (670), (670A), (671)



13.10. CONNECTOR COMPOSITES (674), P. 3F

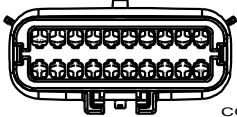
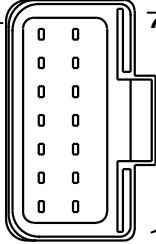
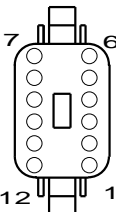
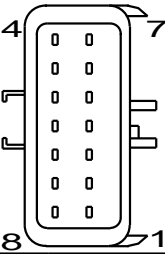
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Figure 686 Connector Composites (674)



13.11. CONNECTOR COMPOSITES (674), (675), (676), P. 3G

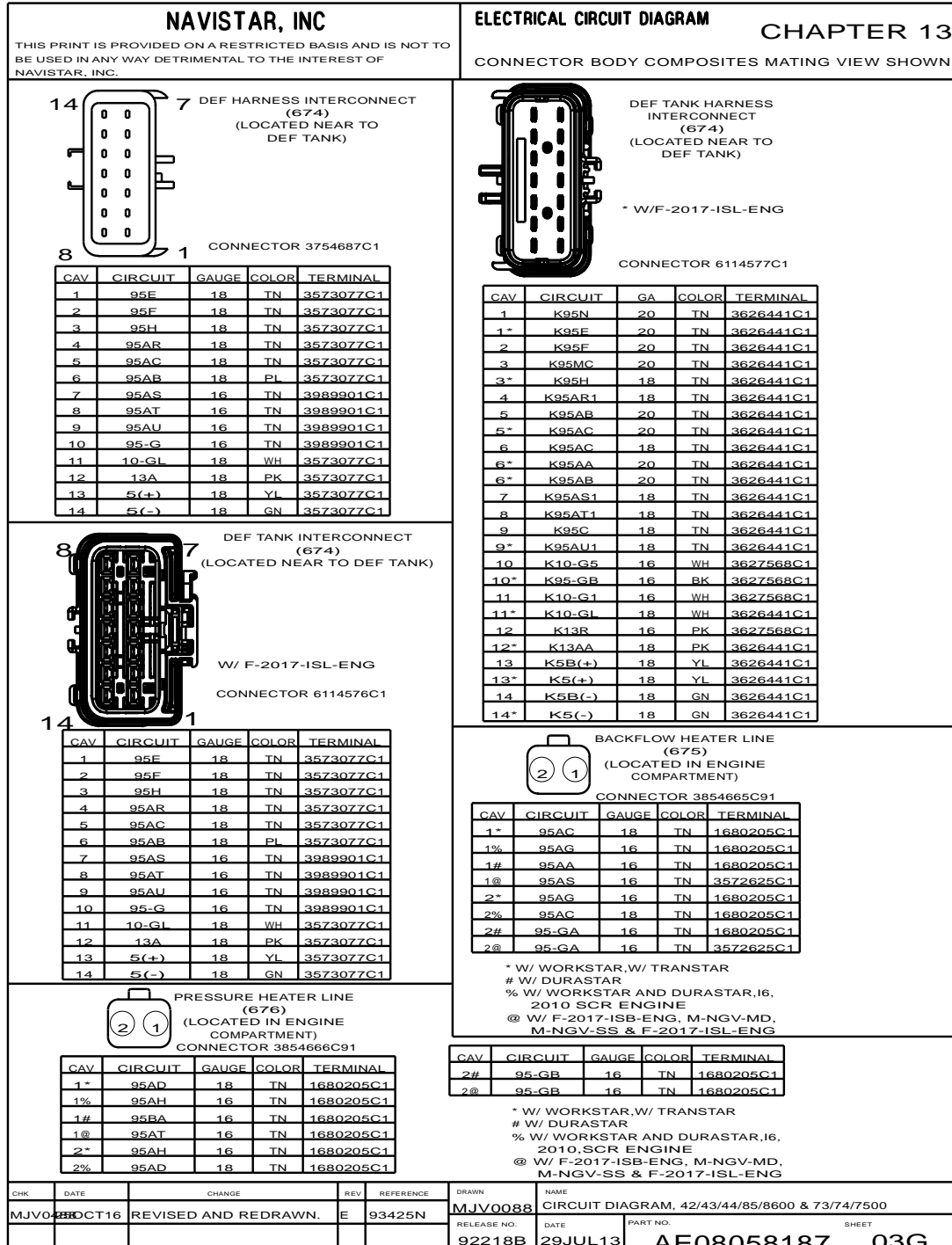


Figure 687 Connector Composites (674), (675), (676)

13.12. CONNECTOR COMPOSITES (677), (678), (679), P. 3H

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>				<b>CHAPTER 13</b>																																																																																																																																																																																																																																									
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.								CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																																																																																																																																																																																																									
<p>SUCTION HEATER LINE (677) (LOCATED IN ENGINE COMPARTMENT)</p> <p>CONNECTOR 3854645C91</p>				<p>TANK SENSOR TEMP/LEVEL (678) (LOCATED NEAR TO DEF TANK)</p> <p>CONNECTOR 3991593C1 BODY LOCK 3545579C1</p>				* W/WORKSTAR, W/TRANSTAR AND DURASTAR # W/DURASTAR % W/WORKSTAR AND DURASTAR @ W/F-2017-ISB-ENG, M-NGV-MD & M-NGV-SS																																																																																																																																																																																																																																									
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<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr><th>CHR</th><th>DATE</th><th>CHANGE</th><th>REV</th><th>REFERENCE</th></tr> <tr><td>MJV0</td><td>03 OCT 16</td><td>ADDED R/D 677 AND 678</td><td>E</td><td>93425N</td></tr> </table>				CHR	DATE	CHANGE	REV	REFERENCE	MJV0	03 OCT 16	ADDED R/D 677 AND 678	E	93425N	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr><th>DRAWN</th><th>NAME</th></tr> <tr><td>MJV0195</td><td>CIRCUIT DIAGRAM, 42/43/44/85/8600 &amp; 73/74/7500</td></tr> <tr><th>RELEASE NO.</th><th>DATE</th><th>PART NO.</th><th>SHEET</th></tr> <tr><td>92218B</td><td>29 JUL 13</td><td>AE08058187</td><td>03H</td></tr> </table>				DRAWN	NAME	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	RELEASE NO.	DATE	PART NO.	SHEET	92218B	29 JUL 13	AE08058187	03H																																																																																																																																																																																																																				
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Figure 688 Connector Composites (677), (678), (679)

13.13. CONNECTOR COMPOSITES (679), P. 3I

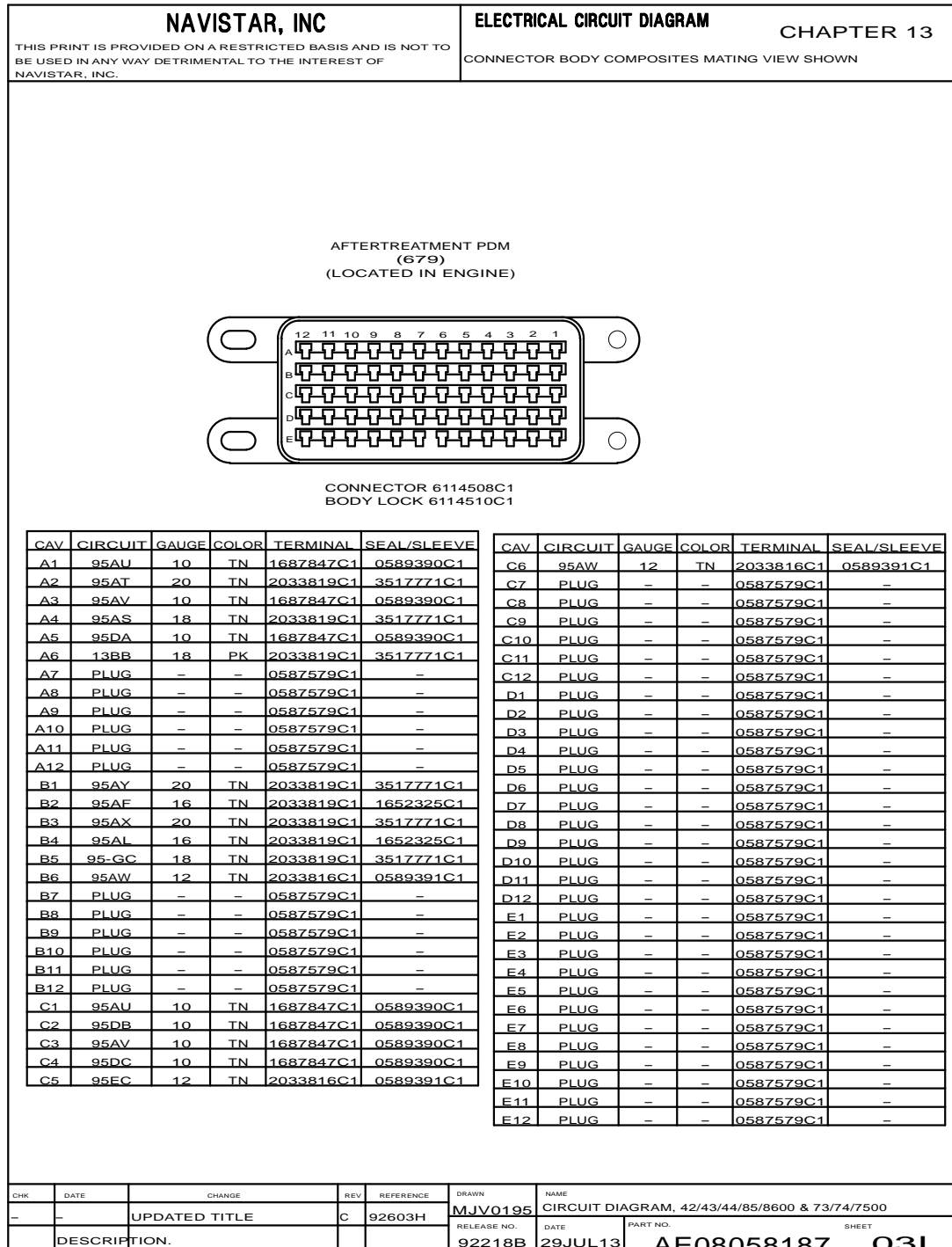


Figure 689 Connector Composites (679)

13.14. CONNECTOR COMPOSITES (679), P. 3J

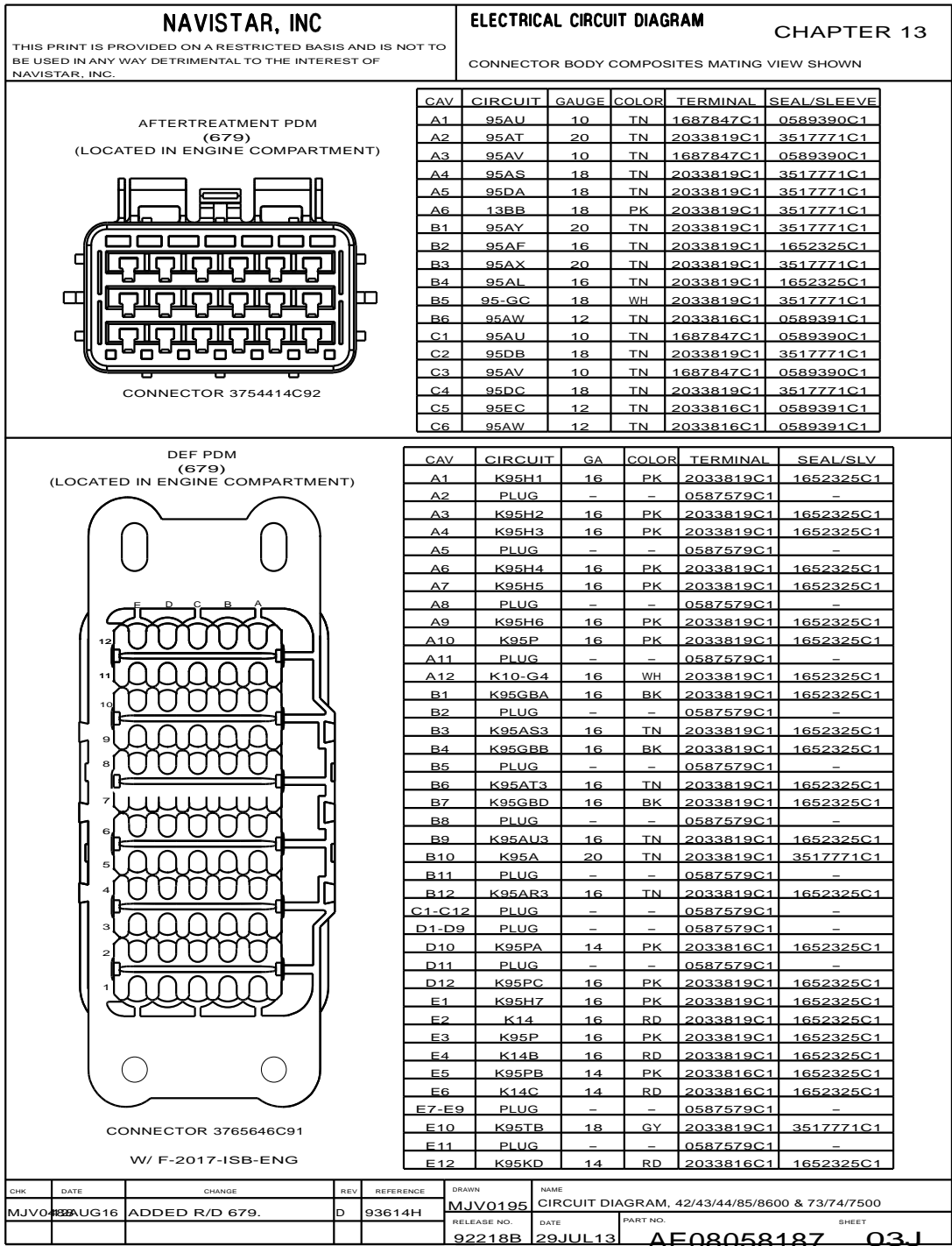


Figure 690 Connector Composites (679)

13.15. CONNECTOR COMPOSITES (680), (\*680), (681), P. 3K

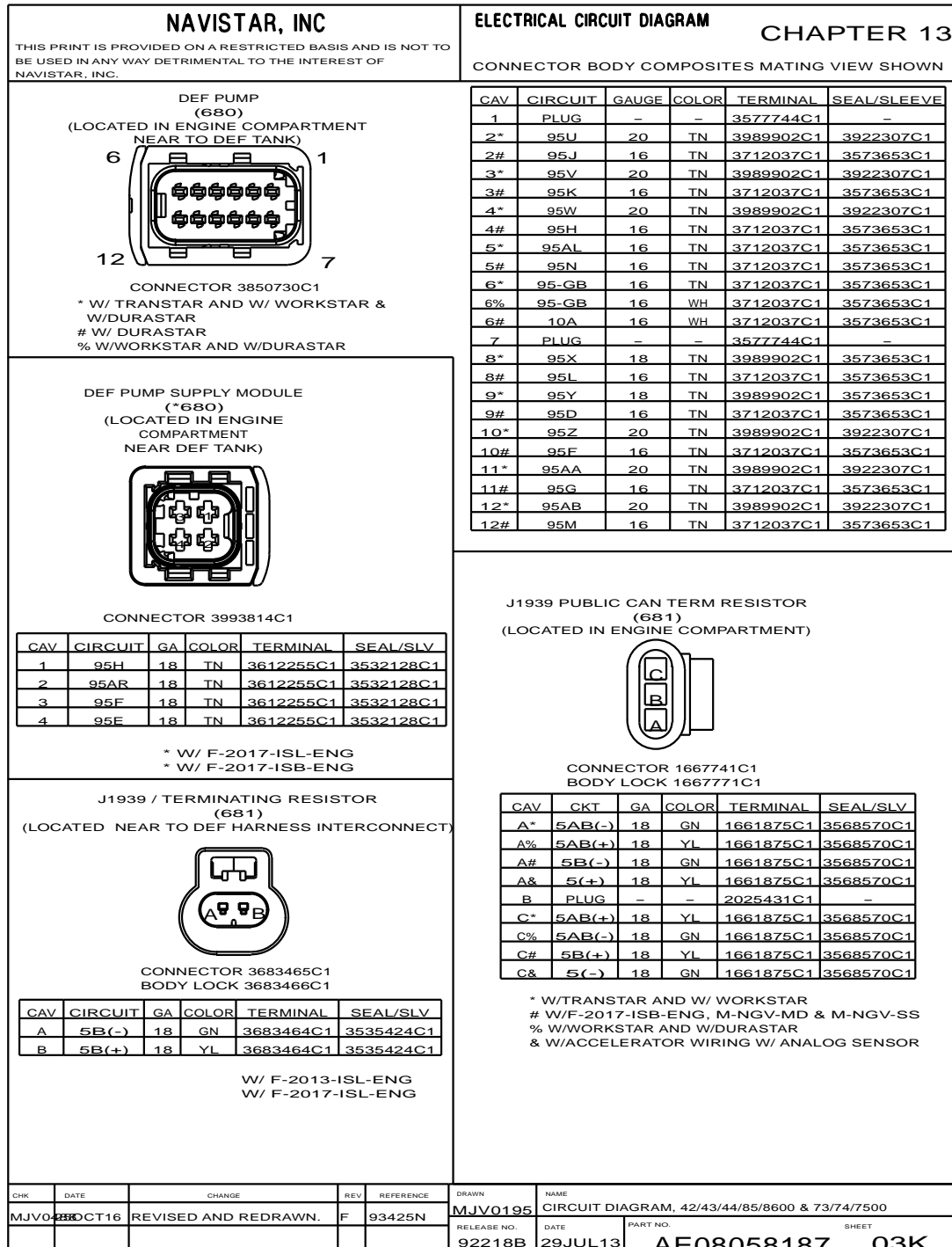


Figure 691 Connector Composites (680), (\*680), (681)

13.16. CONNECTOR COMPOSITES (685), P. 3L

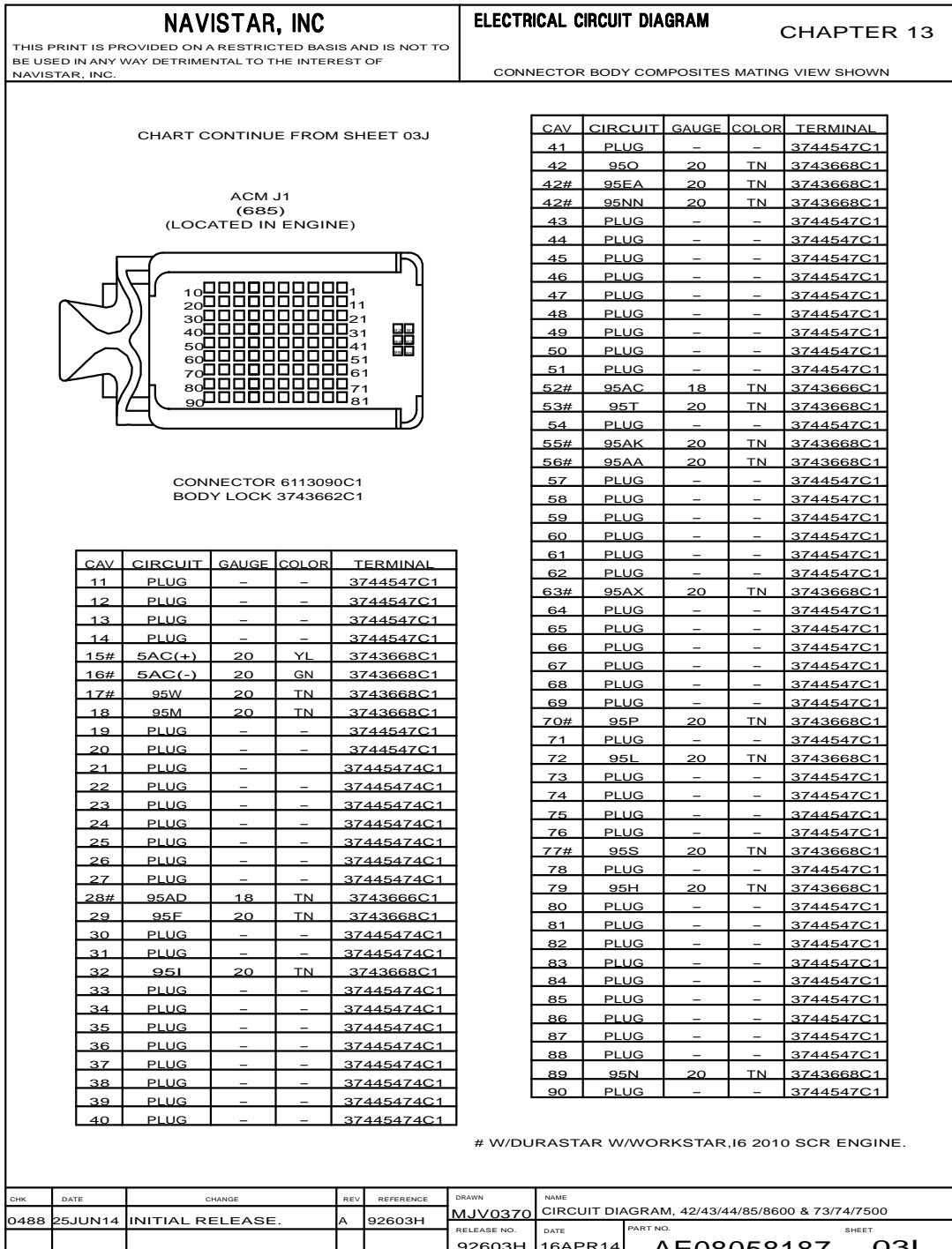


Figure 692 Connector Composites (685)

13.17. CONNECTOR COMPOSITES (686), P. 3M

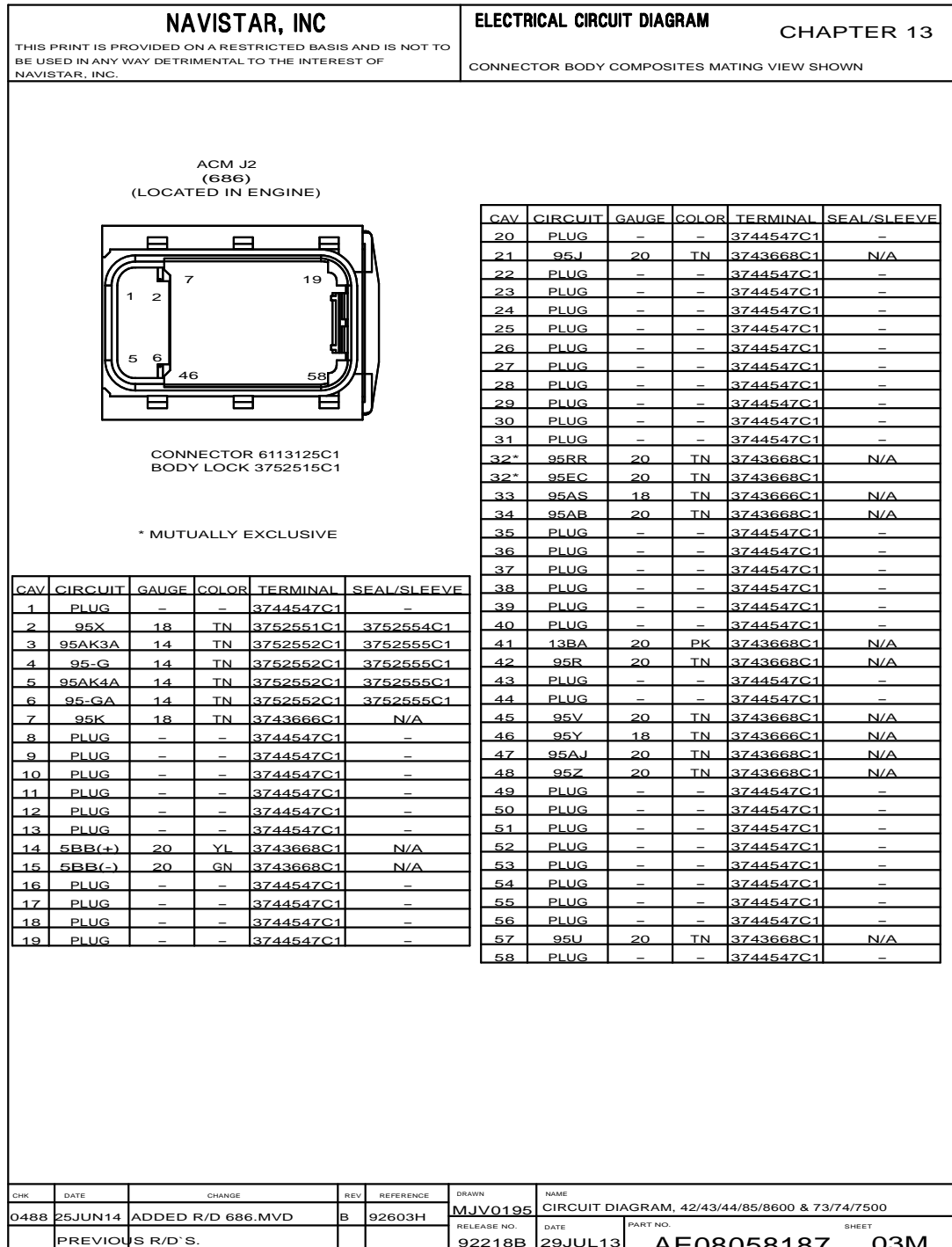


Figure 693 Connector Composites (686)

13.18. CONNECTOR COMPOSITES (687), P. 3N

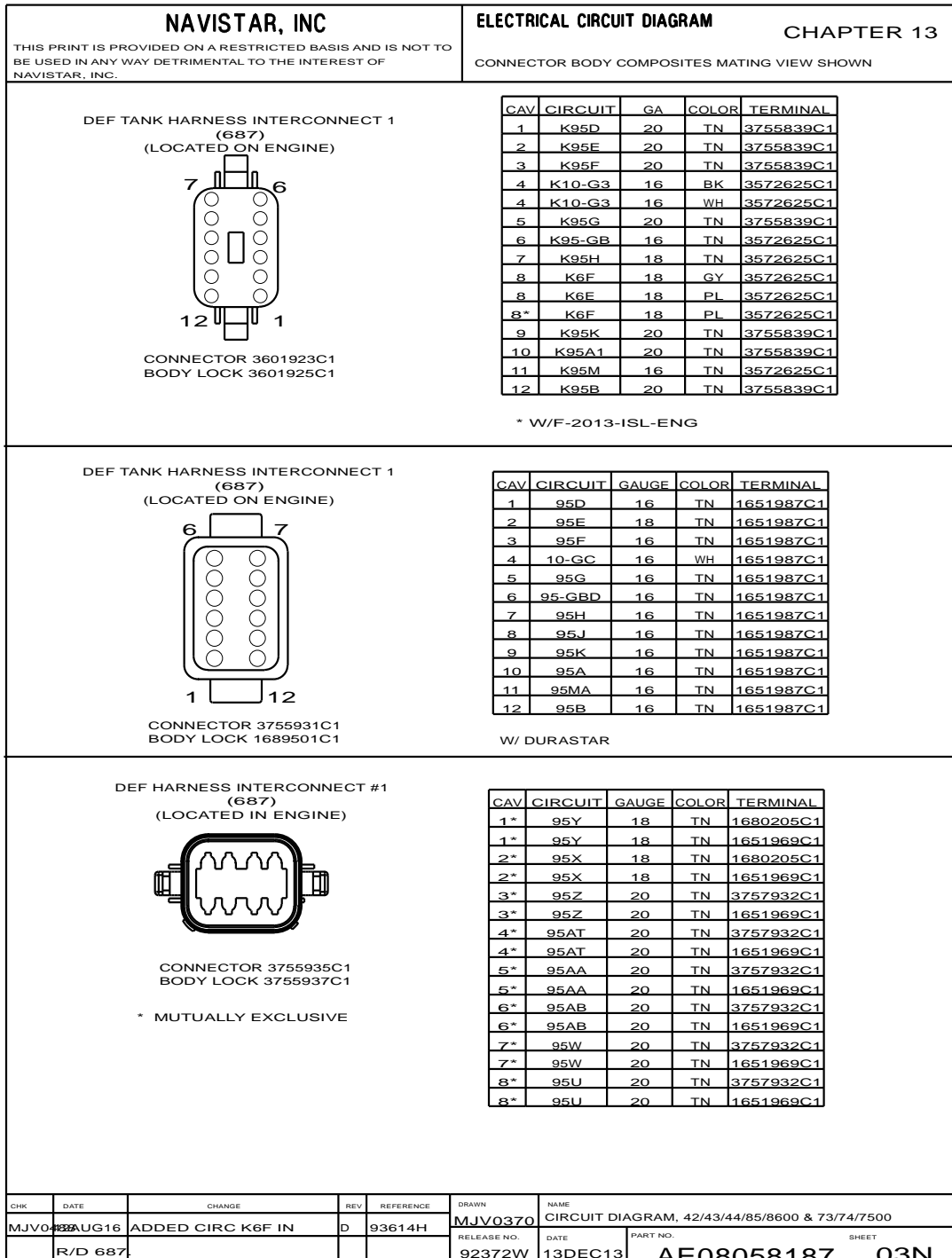


Figure 694 Connector Composites (687)



13.19. CONNECTOR COMPOSITES (687), (687A), (689), P. 3P

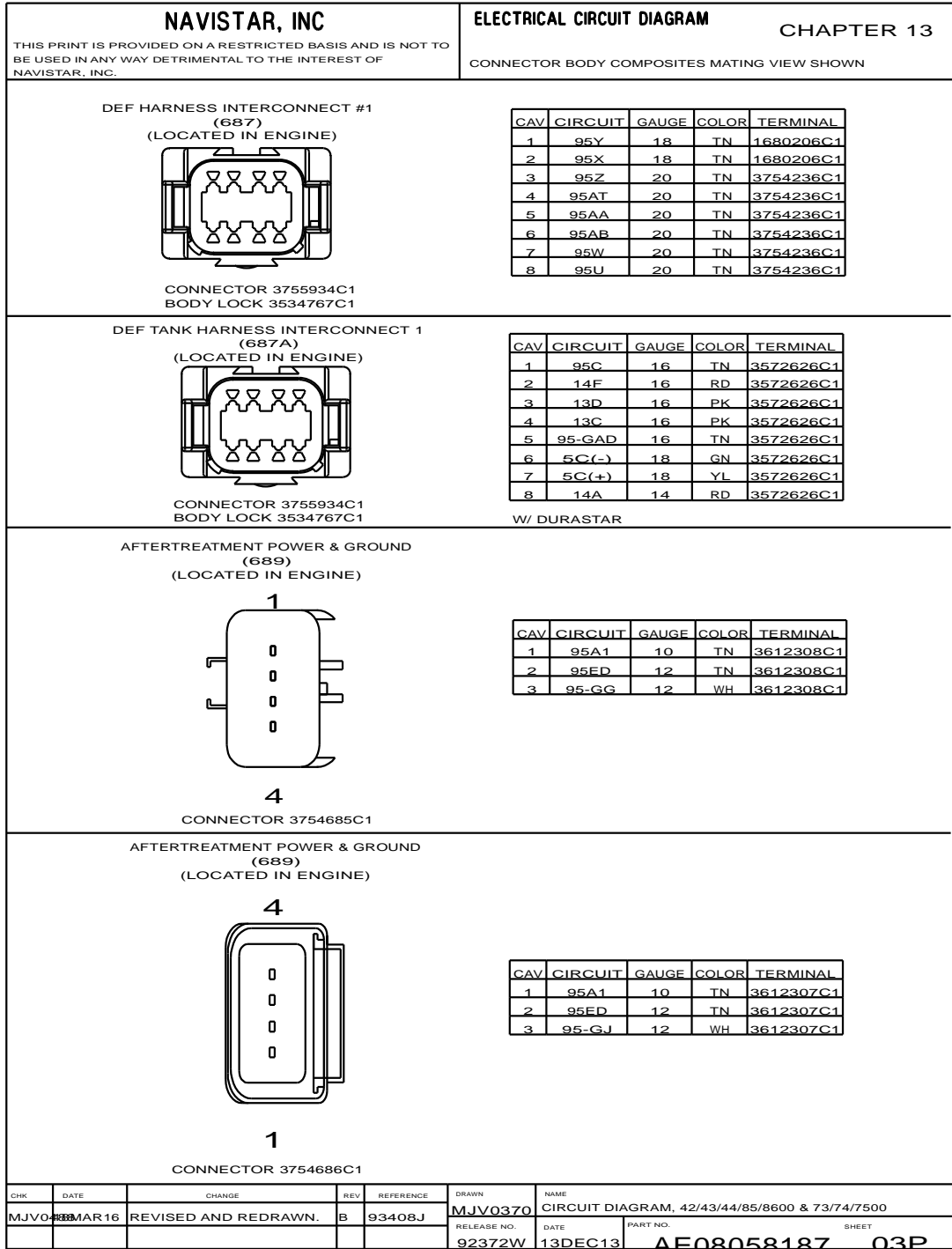


Figure 695 Connector Composites (687), (687A), (689)

13.20. CONNECTOR COMPOSITES (690), P. 3Q

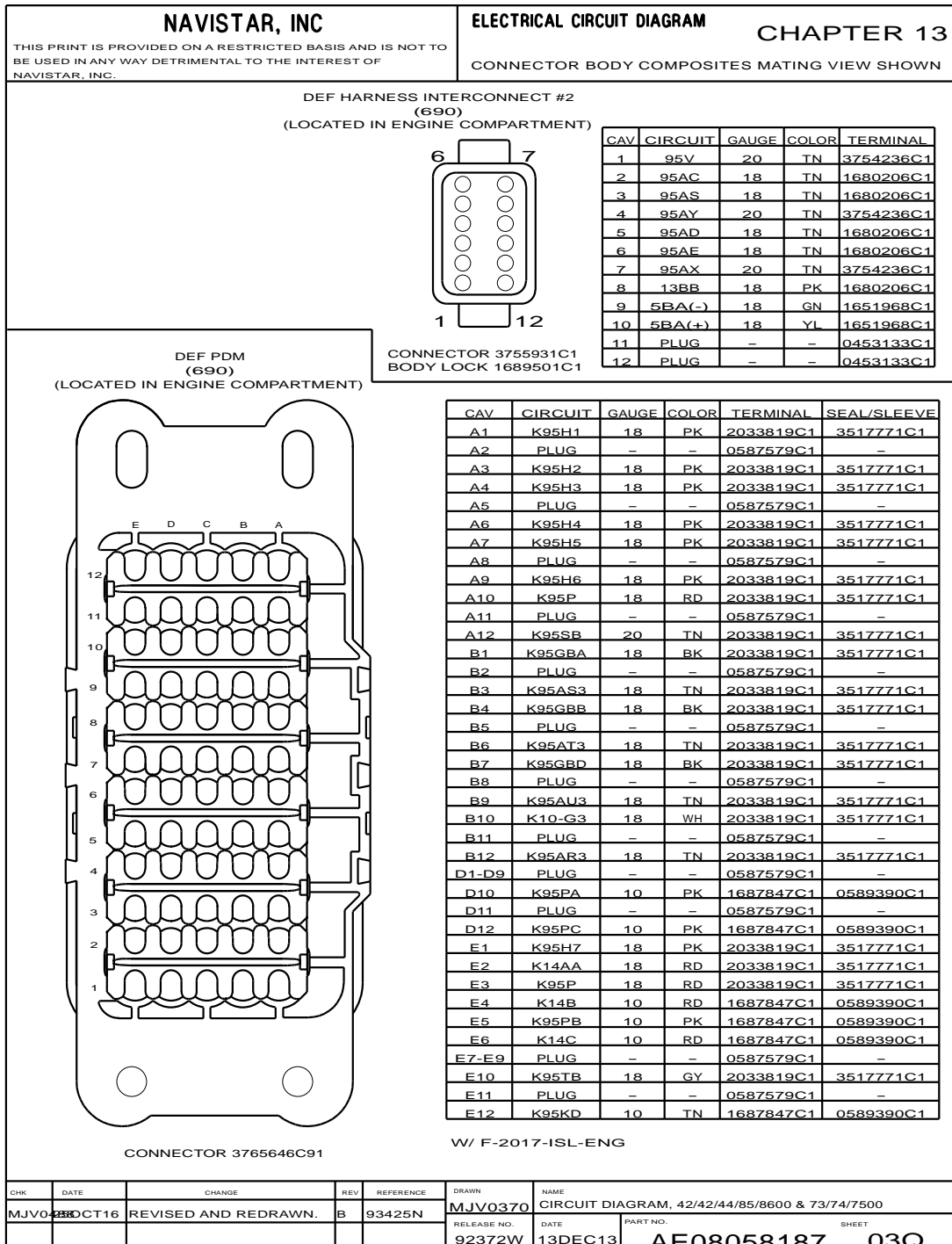


Figure 696 Connector Composites (690)

13.21. CONNECTOR COMPOSITES (690), (691), (828), P. 3R

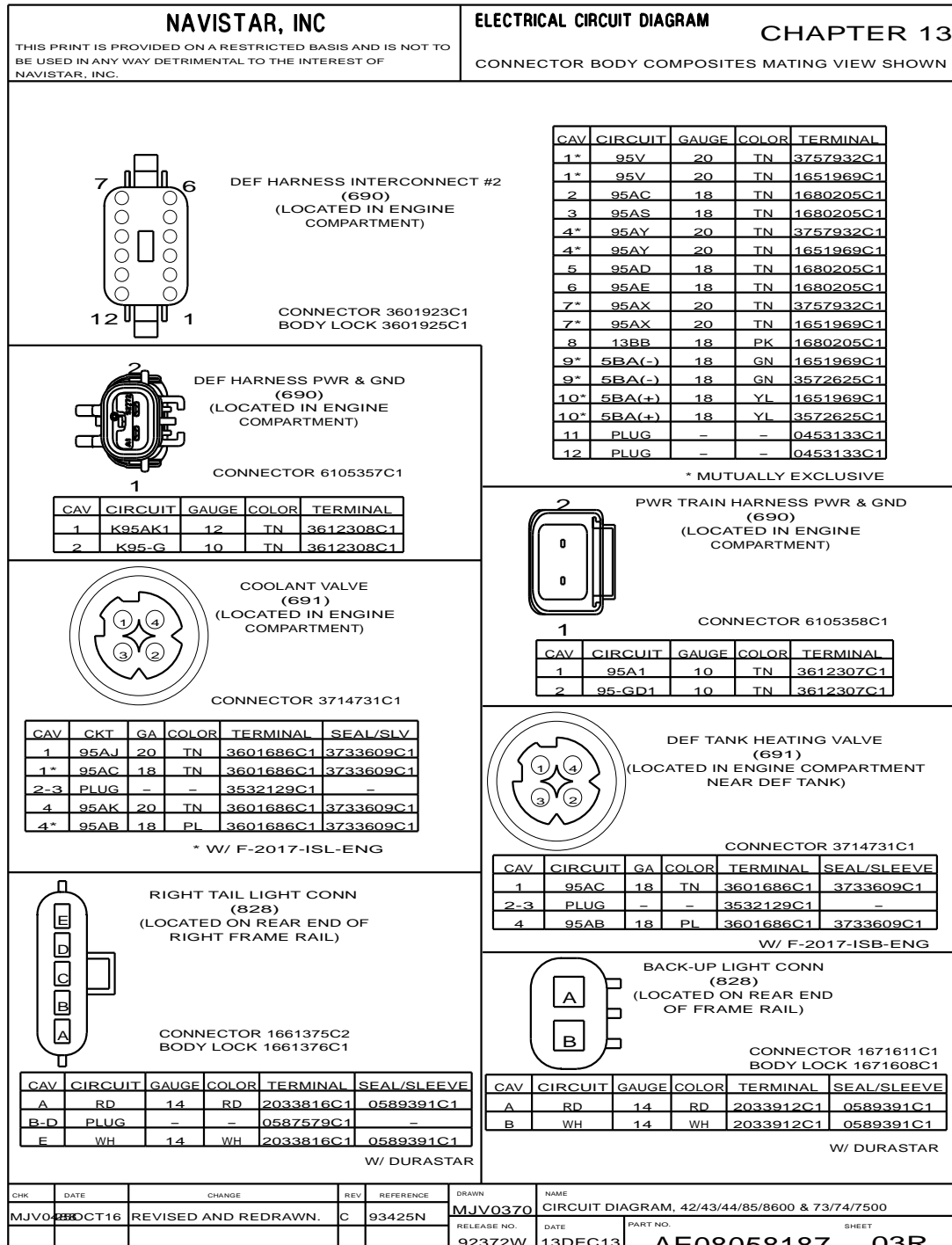


Figure 697 Connector Composites (690), (691), (828)

13.22. CONNECTOR COMPOSITES (827), (830M), P. 4

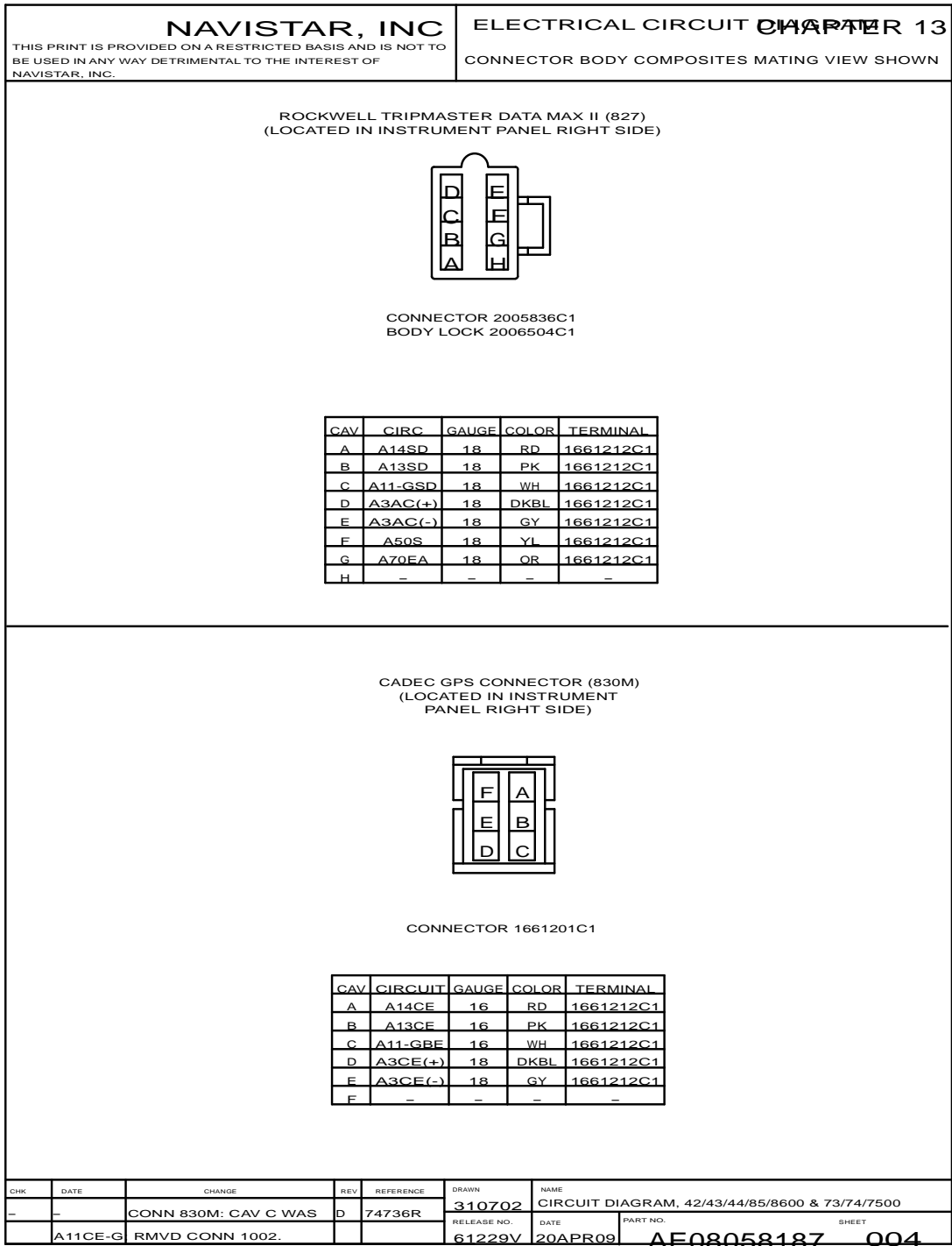


Figure 698 Connector Composites (827), (830M)

13.23. INTENTIONALLY LEFT BLANK, P. 5

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13</b>			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA1	13JUN11	REMOVED CONN 1003 &	E	74736R	310702	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
	1006.				RELEASE NO.	DATE	PART NO. SHEET
					61229V	20APR09	AE08058187 005

Figure 699 Intentionally Left Blank

13.24. CONNECTOR COMPOSITES (1004), (1007M), (1008FA), (1009F), P. 6

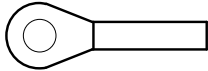


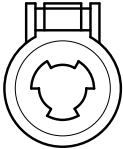
<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>				<b>CHAPTER 13</b>																							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																											
<p><b>NEG STUD (1004)</b> (LOCATED NEAR INSTRUMENT PANEL)</p>  <p>TERMINAL 3549254C1</p> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A40-G</td> <td>18</td> <td>GY</td> <td>3549254C1</td> <td>2644005R1</td> </tr> </tbody> </table>												CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	A40-G	18	GY	3549254C1	2644005R1								
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																										
A	A40-G	18	GY	3549254C1	2644005R1																										
<p><b>LATCHING RELAY (1007M)</b> (LOCATED AT BELOW DASH BOARD ON ENGINE COVER)</p>  <p>CONNECTOR 1661889C1 BODY LOCK 1661890C1</p> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A14LB</td> <td>18</td> <td>RD</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A14-GAC</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> <tr> <td>C</td> <td>A14LA</td> <td>18</td> <td>RD</td> <td>1661261C1</td> </tr> </tbody> </table>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A14LB	18	RD	1661261C1	B	A14-GAC	18	WH	1661261C1	C	A14LA	18	RD	1661261C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																											
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B	A14-GAC	18	WH	1661261C1																											
C	A14LA	18	RD	1661261C1																											
<p><b>LOAD SHEDDING B2 STUD (1008FA)</b> (LOCATED NEAR DASH PANEL)</p>  <p>CONNECTOR 2007311C1</p> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A14X</td> <td>6</td> <td>RD</td> <td>1621478C1</td> </tr> </tbody> </table>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A14X	6	RD	1621478C1										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																											
A	A14X	6	RD	1621478C1																											
<p><b>LOAD SHEDDING B1 STUD (1009F)</b> (LOCATED NEAR DASH PANEL)</p>  <p>CONNECTOR 2007312C1</p> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A14Y</td> <td>6</td> <td>RD</td> <td>1621479C1</td> </tr> </tbody> </table>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A14Y	6	RD	1621479C1										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																											
A	A14Y	6	RD	1621479C1																											
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																									
0488	20NOV14	ADDED R/D 1004.	G	92674A	310702	CIRCUIT DIAGRAM, 42/42/44/85/8600 & 73/74/7500																									
RELEASE NO.		DATE		PART NO.		SHEET																									
20APR09		61229V		AE08058187		006																									

Figure 700 Connector Composites (1004), (1007M), (1008FA), (1009F)

13.25. CONNECTOR COMPOSITES (1010), P. 7

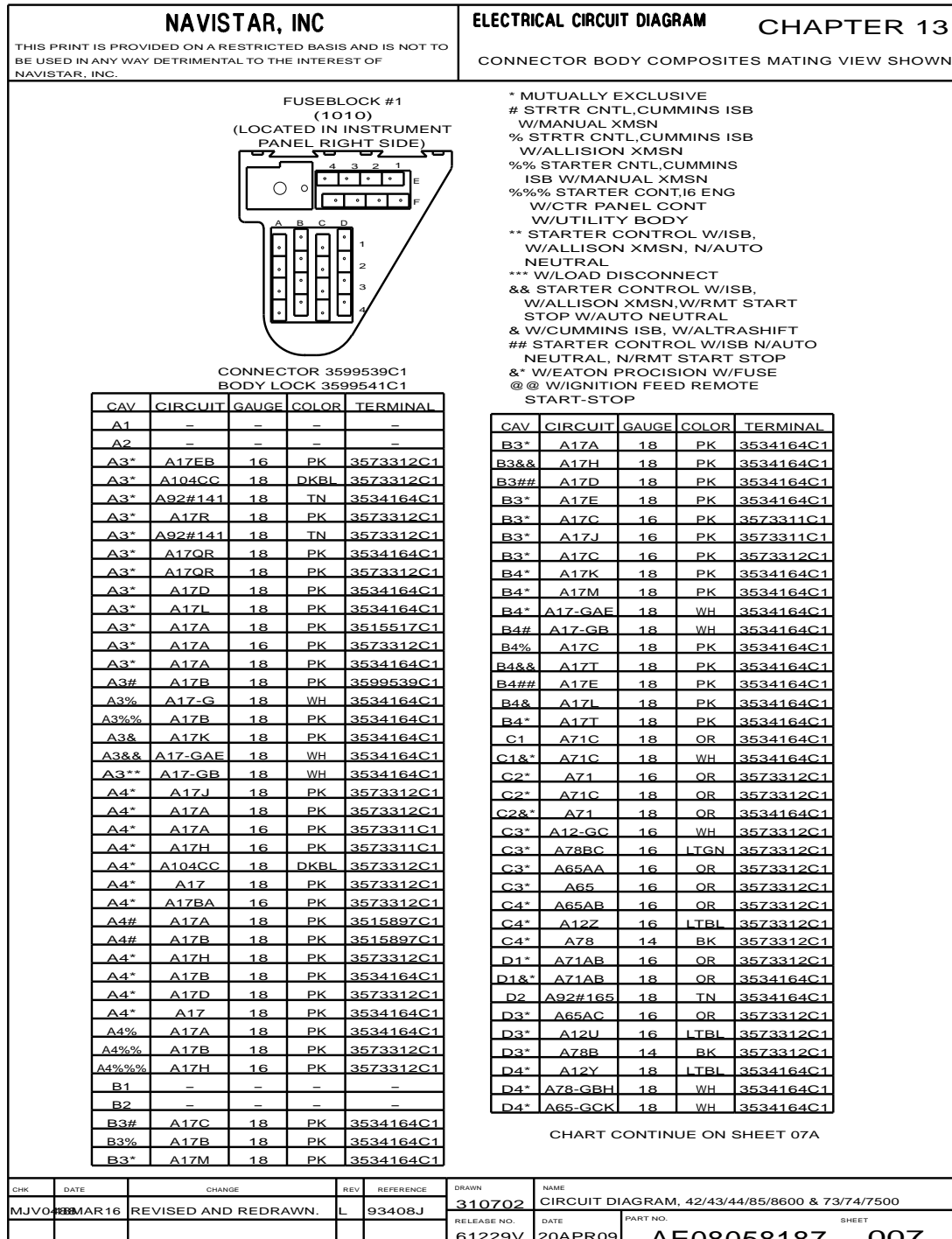


Figure 701 Connector Composites (1010)

13.26. CONNECTOR COMPOSITES (1010), P. 7A

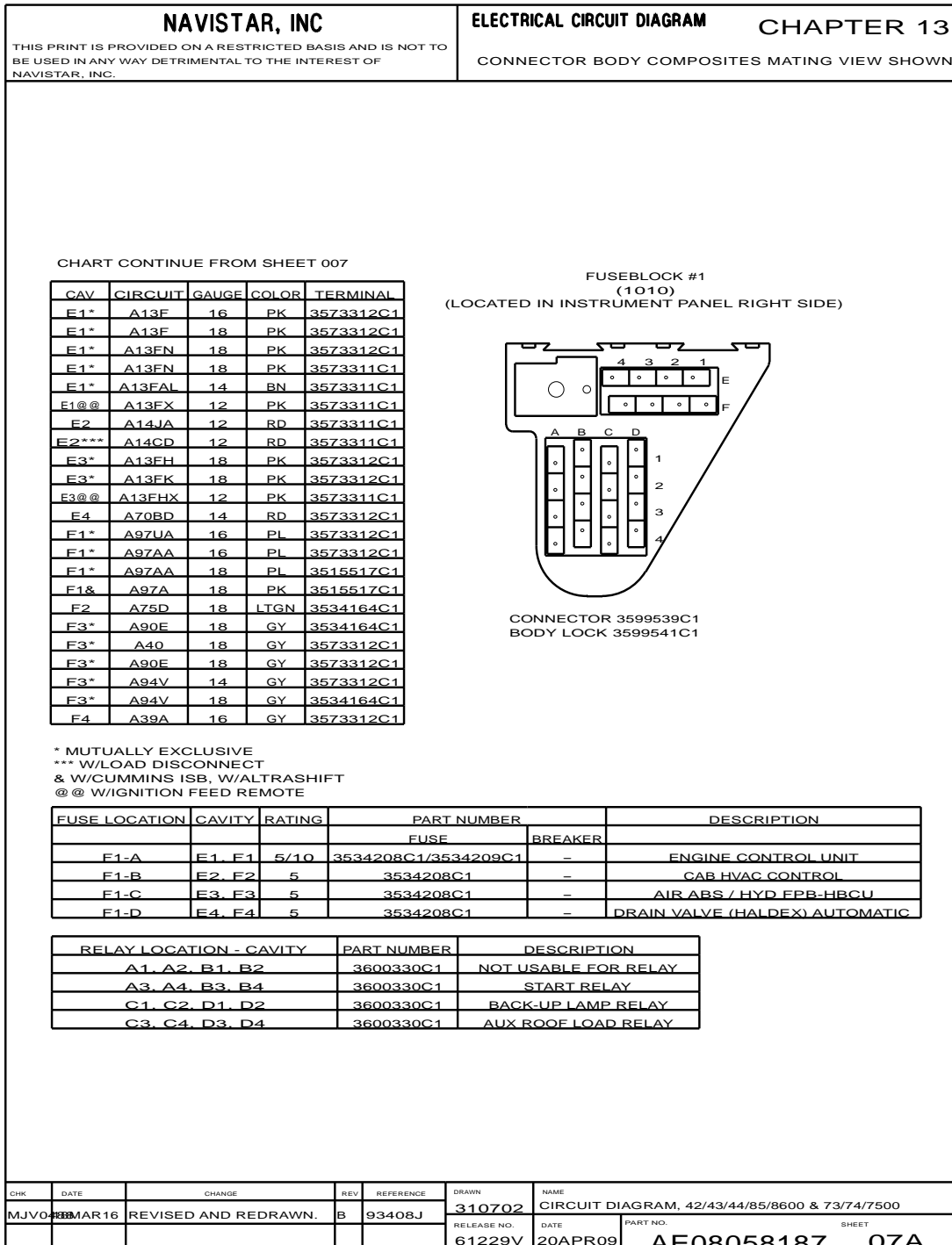


Figure 702 Connector Composites (1010)



13.27. CONNECTOR COMPOSITES (1011), P. 8

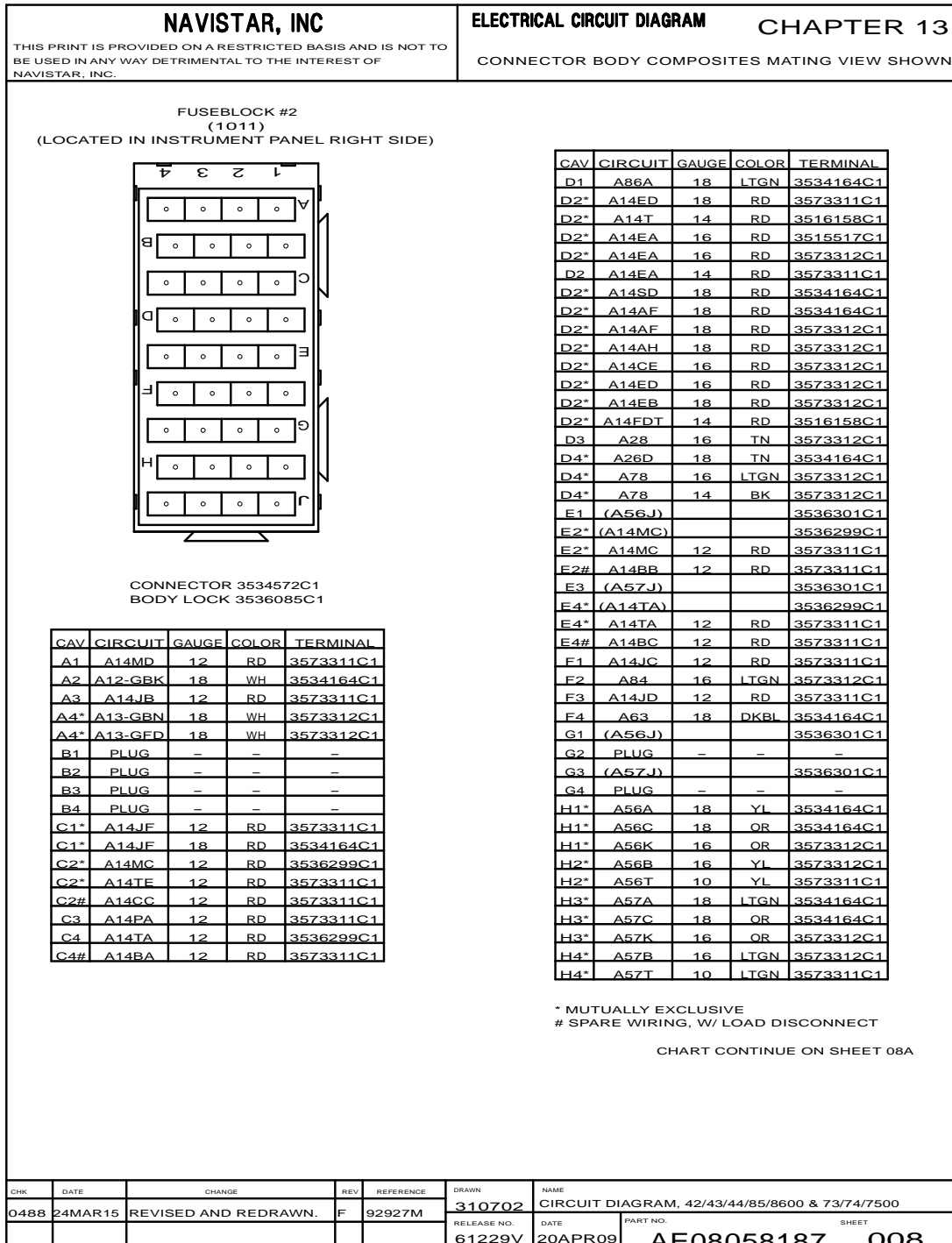


Figure 703 Connector Composites (1011)

13.28. CONNECTOR COMPOSITES (1011) (CONT.), P. 8A

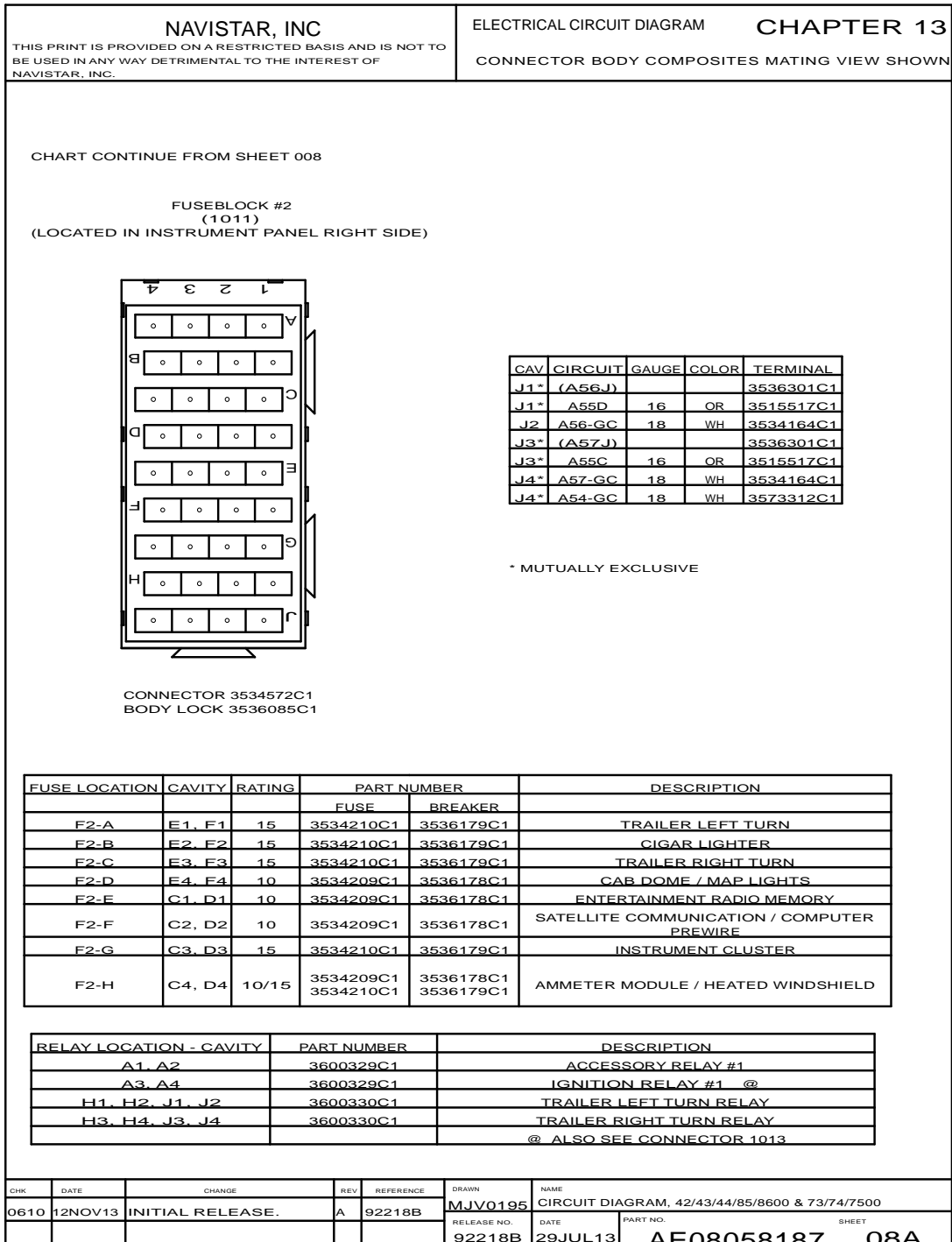


Figure 704 Connector Composites (1011) Cont.)

13.29. CONNECTOR COMPOSITES (1012), P. 9

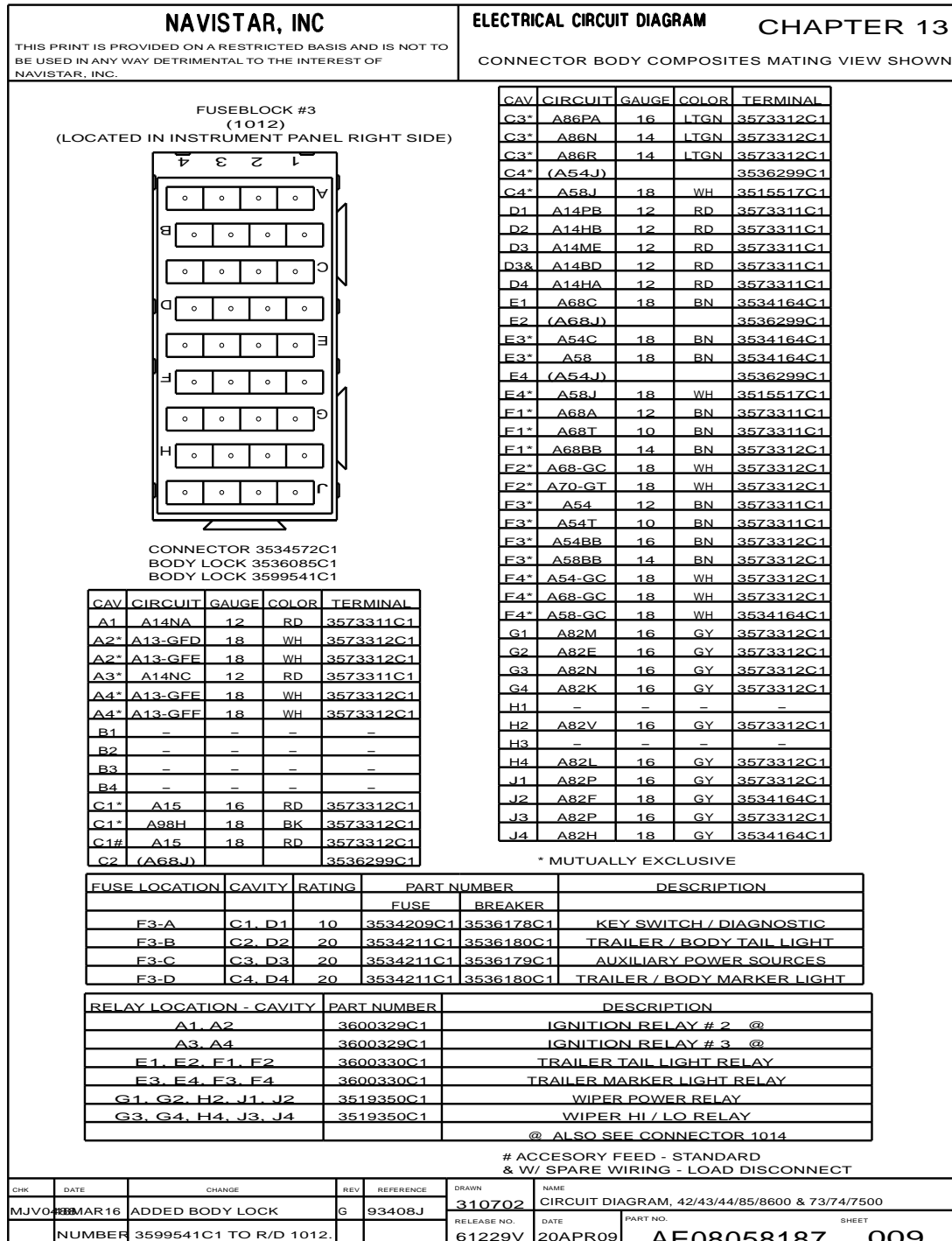


Figure 705 Connector Composites (1012)

13.30. CONNECTOR COMPOSITES (1013), P. 10

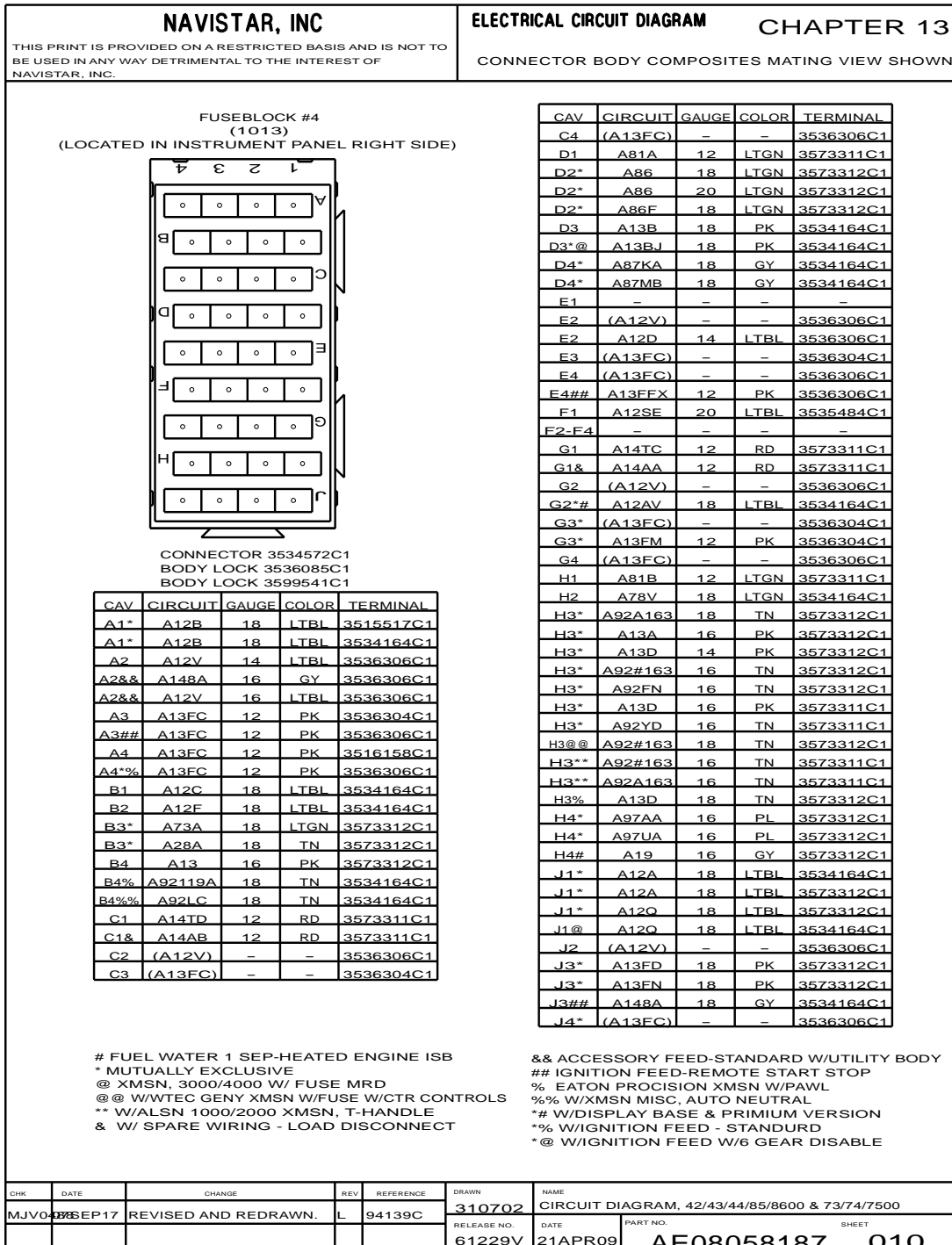


Figure 706 Connector Composites (1013)

13.31. CONNECTOR COMPOSITES (1013), P. 10A

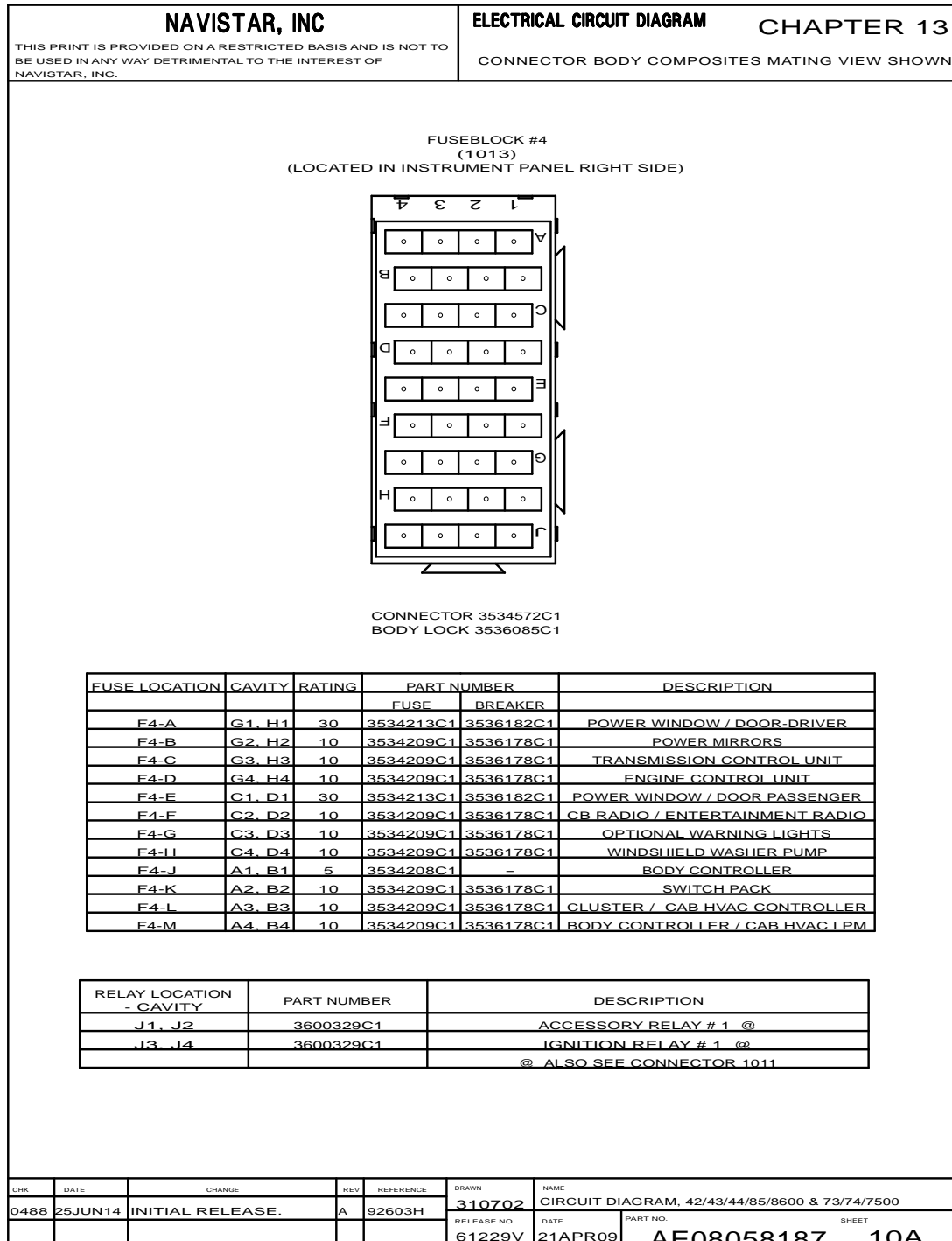


Figure 707 Connector Composites (1013)

13.32. CONNECTOR COMPOSITES (1014), P. 11

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FUSEBLOCK #5  
(1014)  
(LOCATED IN INSTRUMENT PANEL RIGHT SIDE)

CONNECTOR 3534572C1  
BODY LOCK 3536085C1  
BODY LOCK 3599541C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A1	A13FB	12	PK	3536304C1
A2	A13FB	12	PK	3536306C1
A3	A13FA	12	PK	3536304C1
A4	A13FA	12	PK	3536306C1
B1*	A13EE	18	PK	3515517C1
B1*	A13F	12	RD	3573311C1
B1*	A13SD	18	PK	3573312C1
B1*	A13FG	18	PK	3515517C1
B1*	A13FG	18	PK	3534164C1
B1*	A13CE	16	PK	3573312C1
B1*	A13EE	16	DKBL	3515517C1
B1*	A70DA	18	GY	3573312C1
B1@	A3EF	18	PK	3515517C1
B2*	A39	16	GY	3573311C1
B2*	A39A	16	GY	3573311C1
B2*	A39B	16	GY	3573312C1
B4&	A71	18	OR	3534572C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
C3	(A13FA)	-	-	3536304C1
C4	(A13FA)	-	-	3536306C1
D1*	A92J	18	TN	3515517C1
D1*	A17HB	18	PK	3534164C1
D1*	A17HB	16	PK	3573312C1
D1*	A13TC	16	PK	3515517C1
D1*	A116M	18	GY	3515517C1
D1%	A92J	18	TN	3534164C1
D2*	A67F	18	GY	3534164C1
D2*	A67A	16	PK	3573312C1
D2%	A13	14	PK	3573312C1
D3	A13B	16	PK	3573312C1
D4*	A13	16	PK	3573312C1
E1	(A13FB)	-	-	3536304C1
E2	(A13FB)	-	-	3536306C1
E2	A13FX	12	PK	3536306C1
E3*	(A13FA)	-	-	3536304C1
E3*	A13FR	12	PK	3536304C1
E4	(A13FA)	-	-	3536306C1
E4	A13FHX	12	PK	3536306C1
G1	(A13FB)	-	-	3536304C1
G1	A13FL	12	PK	3536304C1
G2	(A13FB)	-	-	3536306C1
G3	(A13FA)	-	-	3536304C1
G4	(A13FA)	-	-	3536306C1
H1*	A13H	12	RD	3573311C1
H1*	A13DA	18	PK	3515517C1
H1*	A13A	18	PK	3515517C1
H1*	A44Y	16	GY	3573312C1
H1*	A98M	18	BK	3515517C1
H1*	A44N	18	GY	3573312C1
H1#	A13DB	18	PK	3534164C1
H1&%	A13A	18	PK	3534164C1
H2*	A88V	18	LTGN	3534164C1
H2*	A13X	16	PK	3573312C1
H2*	A13DFM	18	PK	3534164C1
H2*	A13Z	18	PK	3534164C1
H2*	A94T	18	GY	3534164C1

\* MUTUALLY EXCLUSIVE  
% XMSN MISC,AUTO NEUT,ISB W/RETR W/FUSE W/BRKR  
@ PEOPLETNET COMMUNICATION DAYCAB WIRING W/FUSE  
# SNOW VALVE W/FUSE N/13L-ENGINE  
&% SNOW VALVE W/FUSE W/13L-ENGINE  
& W/ CATON PROCISSION W/ FUSE

CHART CONTINUE ON SHEET 11A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJVO	16MAR16	REVISED AND REDRAWN.	H	93408J	310702	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO. 61229V	DATE 21APR09
						PART NO. AE08058187
						SHEET 011

Figure 708 Connector Composites (1014)

13.33. CONNECTOR COMPOSITES (1014), P. 11A

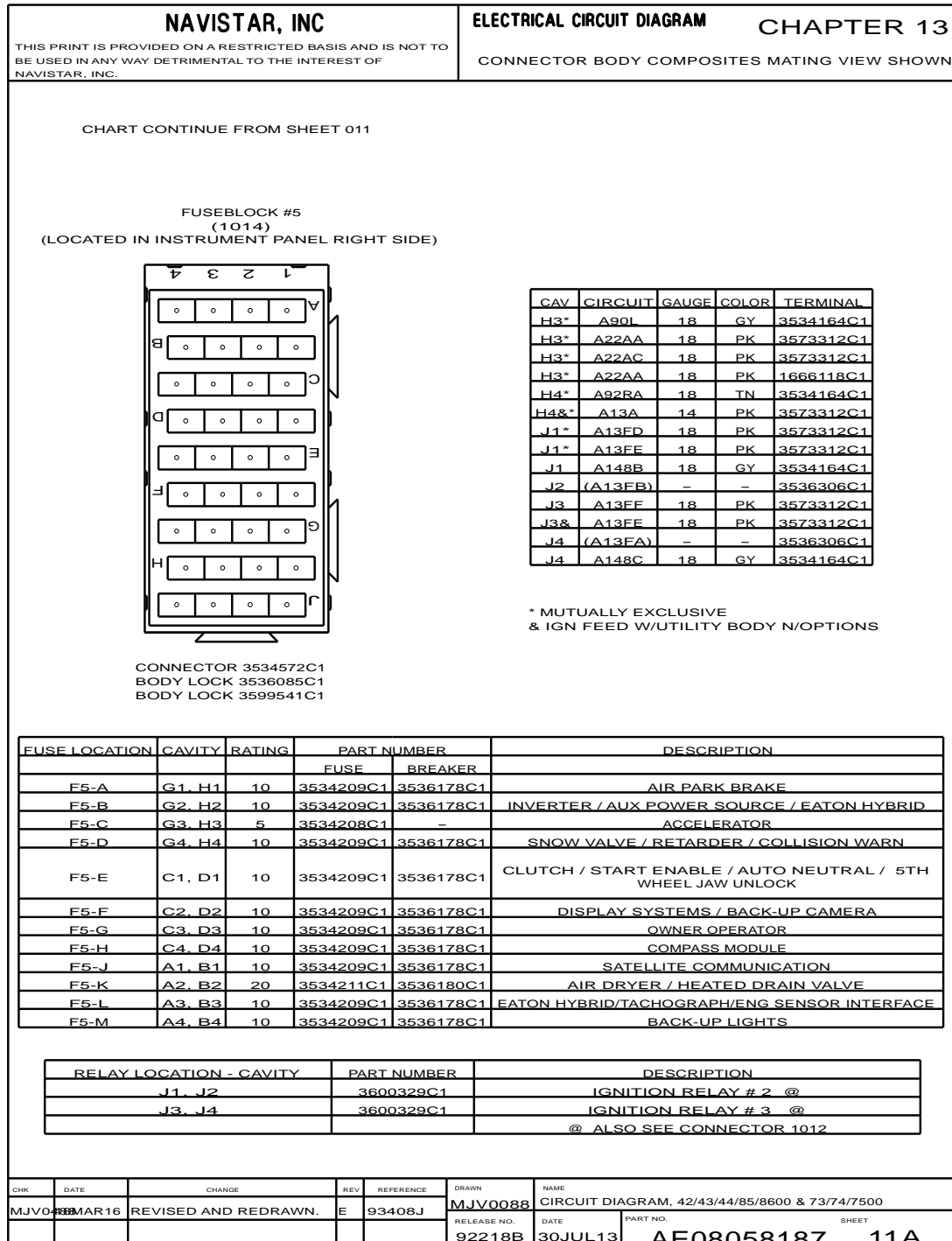


Figure 709 Connector Composites (1014)

13.34. CONNECTOR COMPOSITES (1015), P. 12

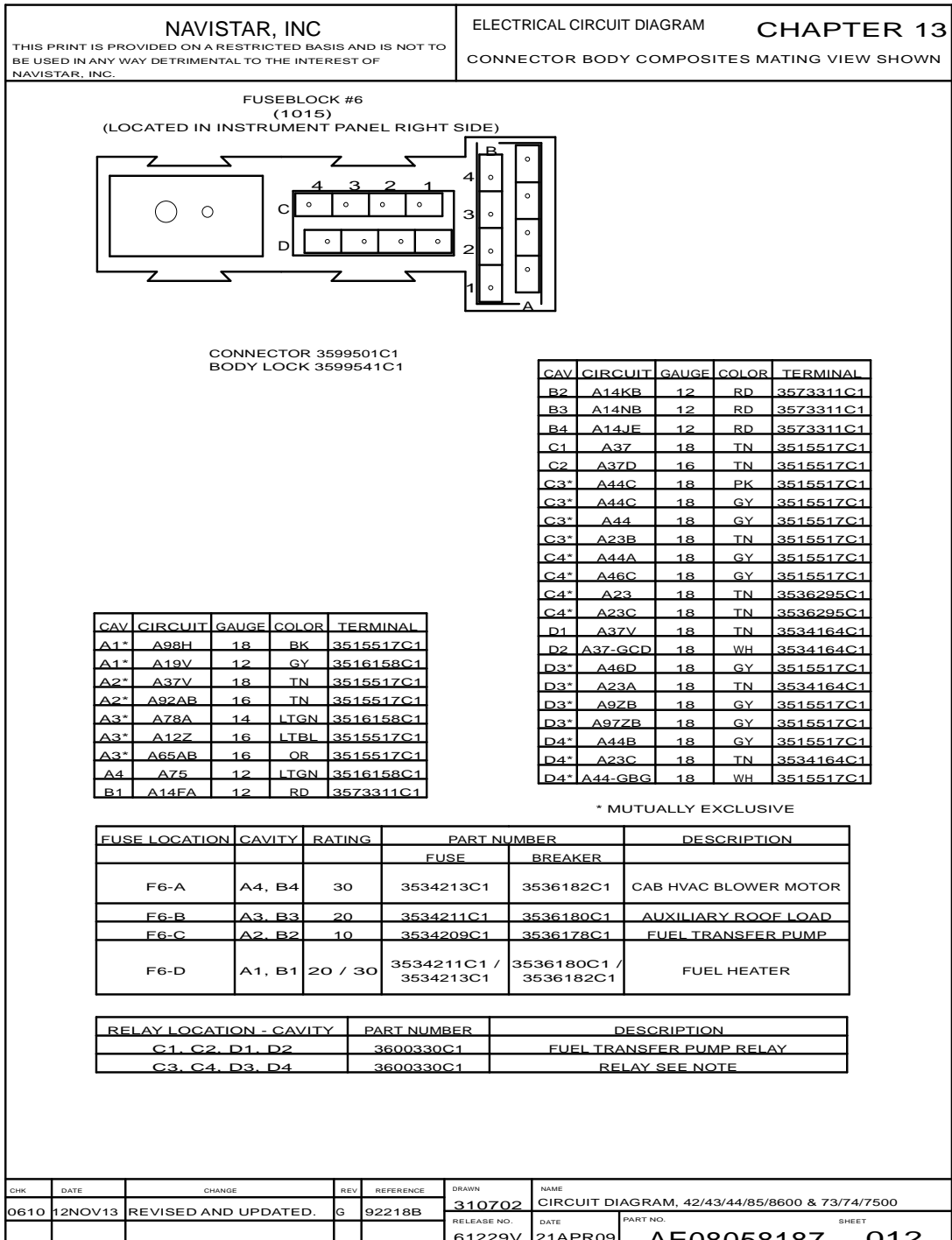


Figure 710 Connector Composites (1015)



13.35. CONNECTOR COMPOSITES (1016), P. 13

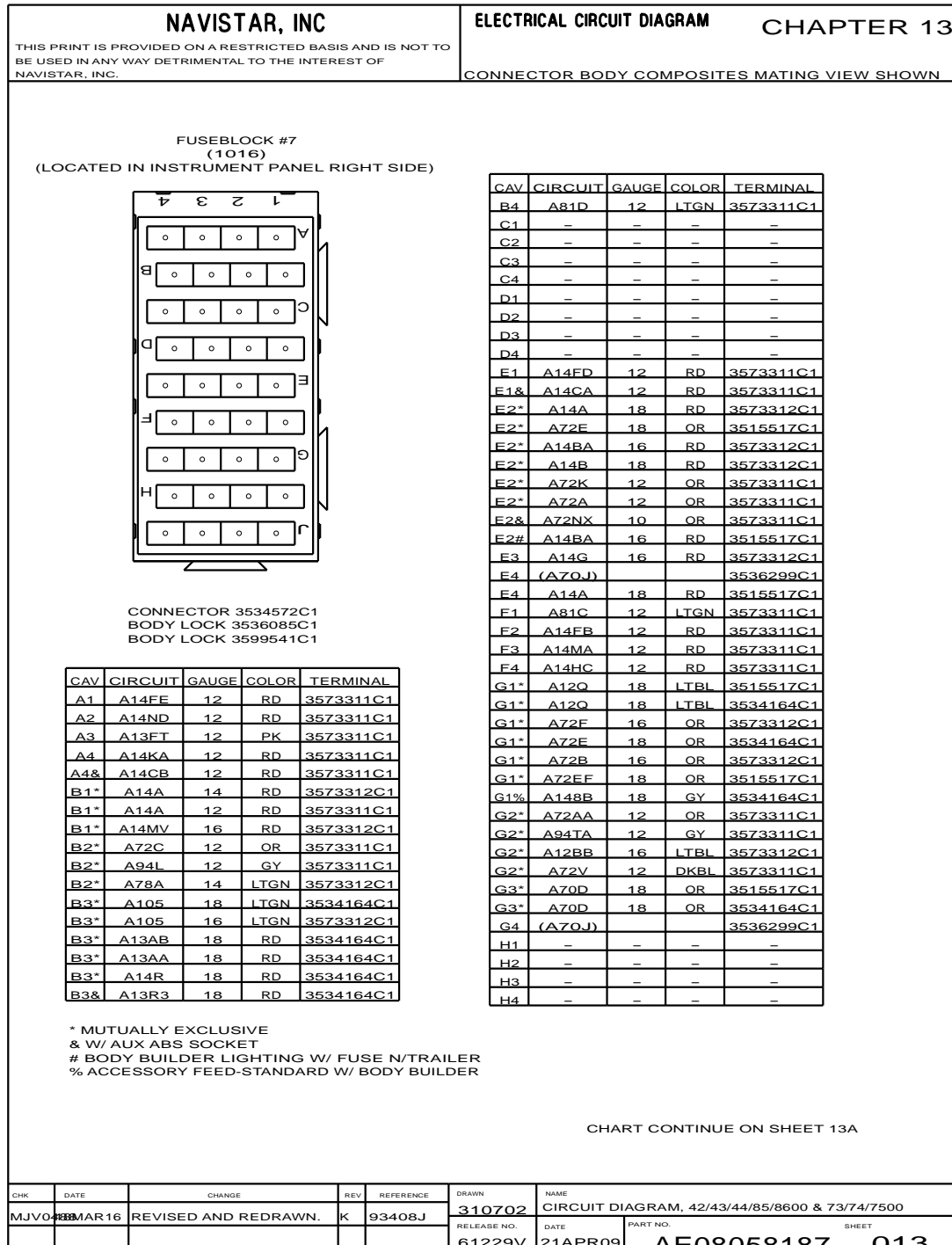


Figure 711 Connector Composites (1016)

13.36. CONNECTOR COMPOSITES (1016), P. 13A

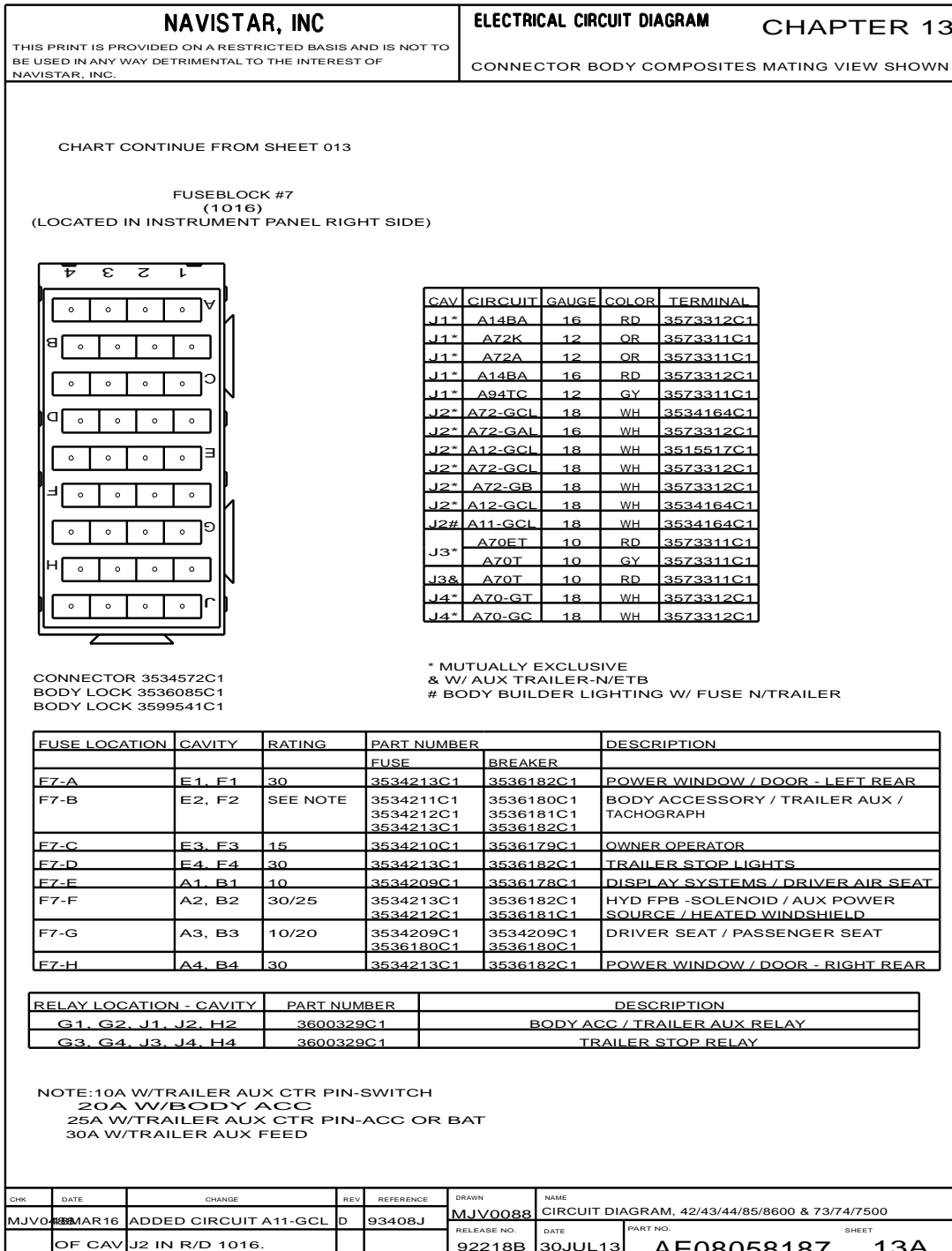


Figure 712 Connector Composites (1016)

13.37. CONNECTOR COMPOSITES (1017), P. 14

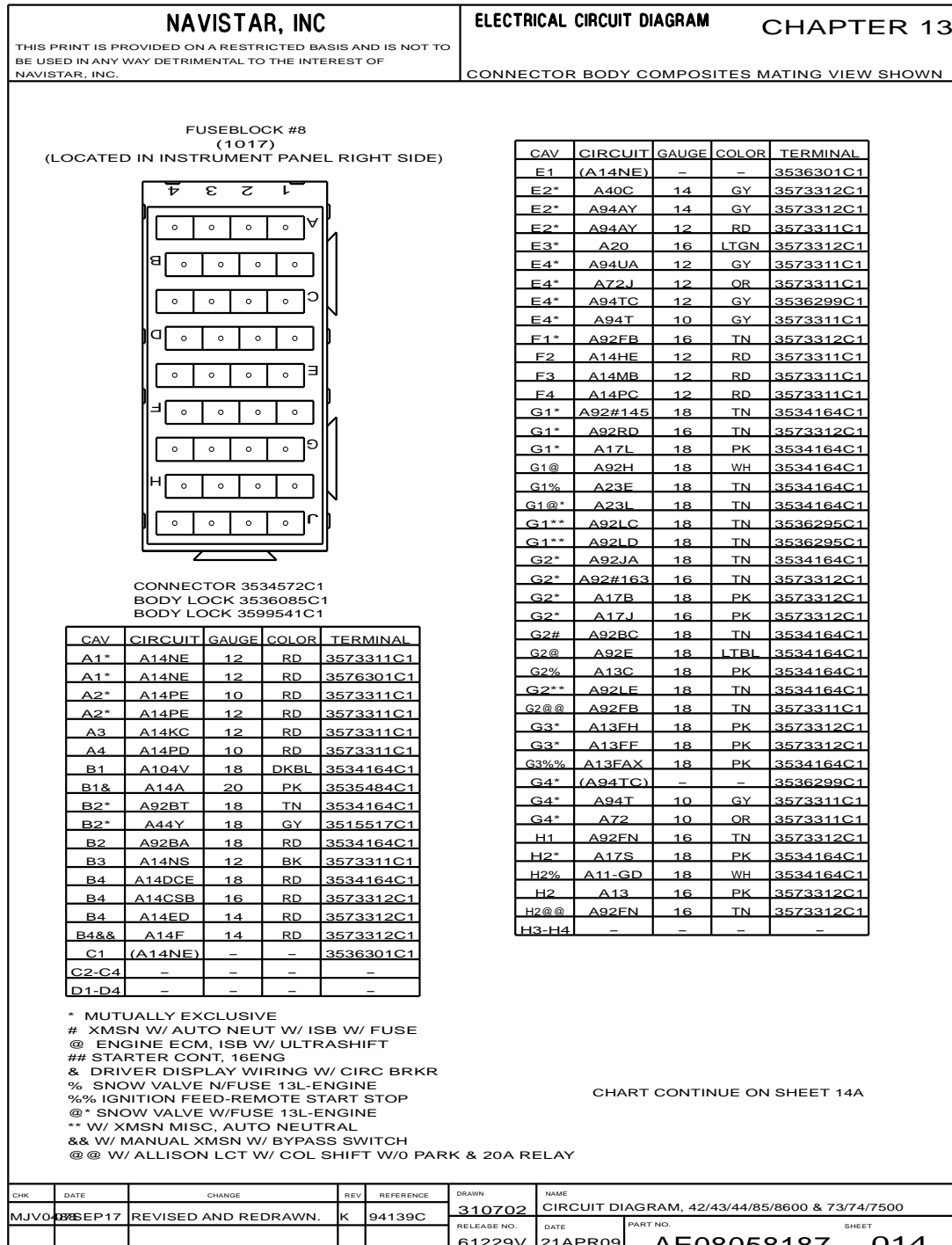


Figure 713 Connector Composites (1017)

13.38. CONNECTOR COMPOSITES (1017), P. 14A

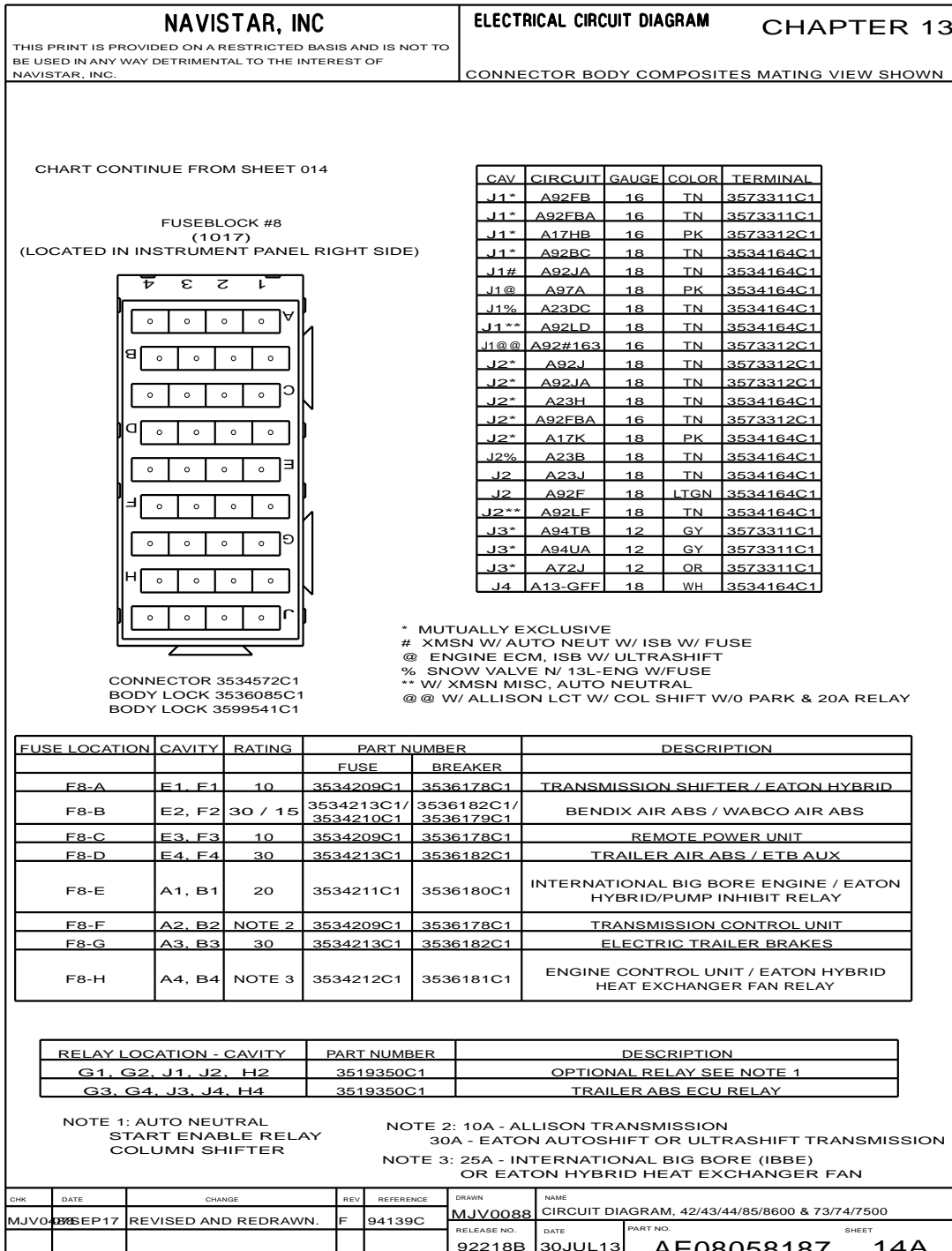


Figure 714 Connector Composites (1017)

13.39. CONNECTOR COMPOSITES (1018), P. 15

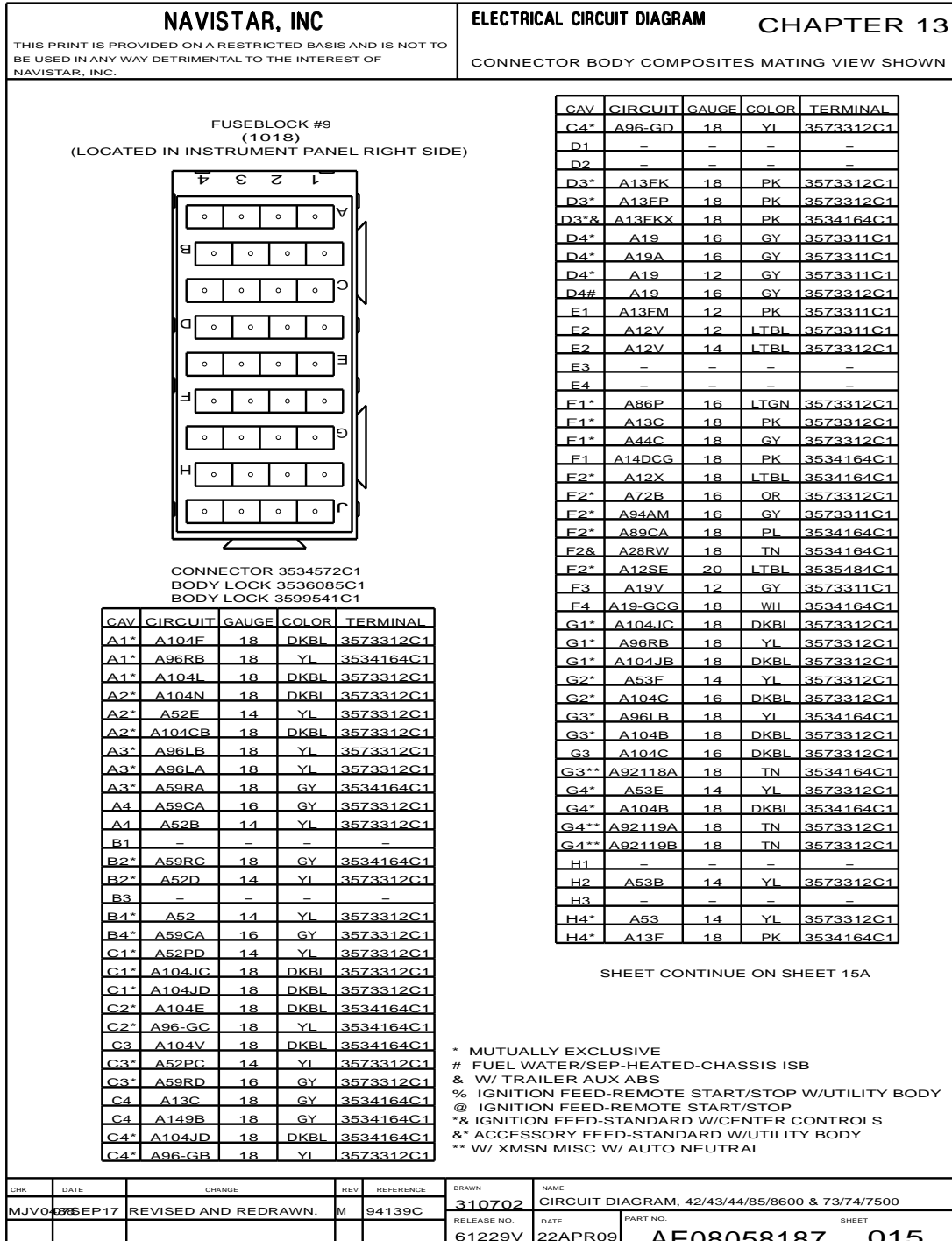


Figure 715 Connector Composites (1018)

13.40. CONNECTOR COMPOSITES (1018), P. 15A

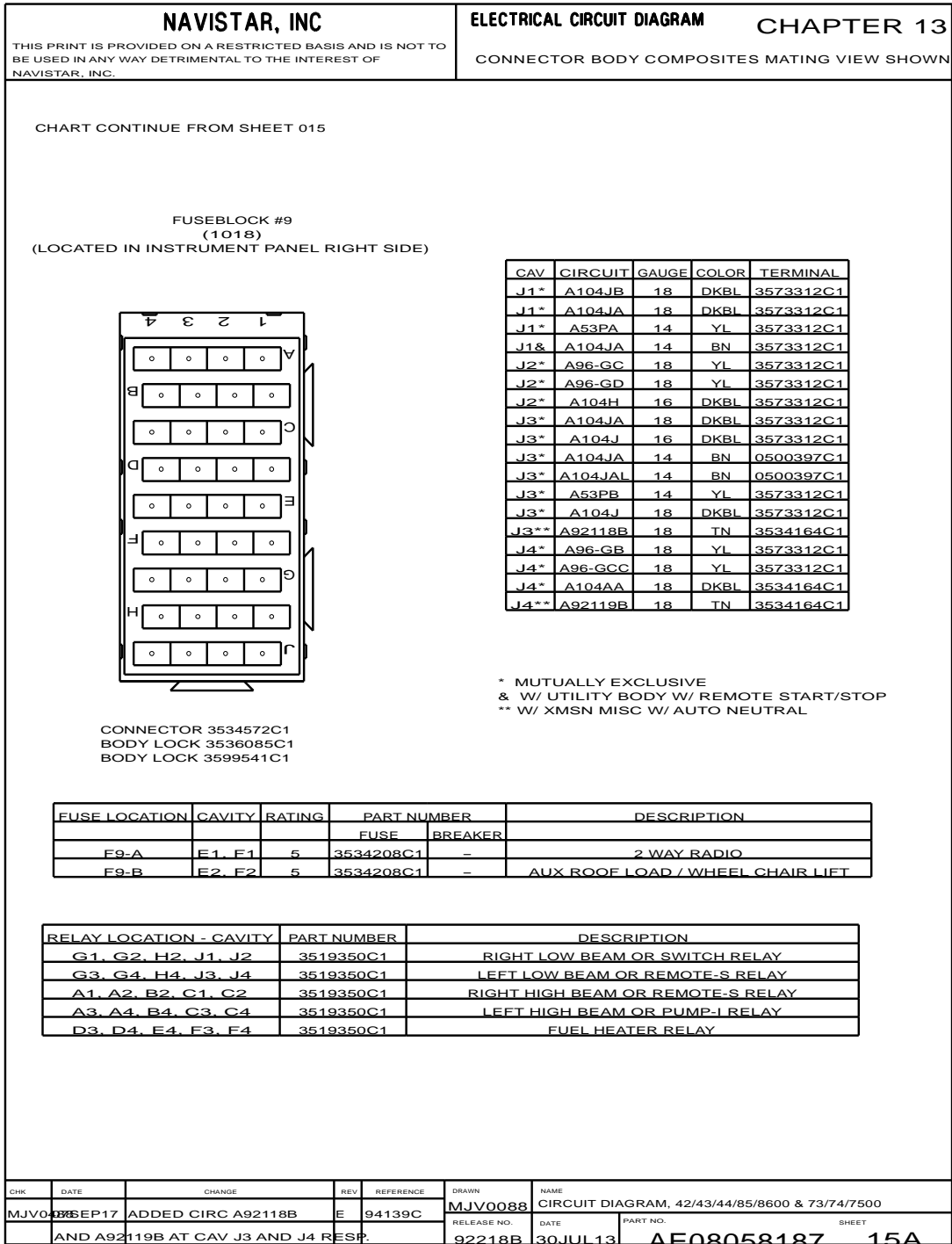


Figure 716 Connector Composites (1018)

13.41. CONNECTOR COMPOSITES (1019), P. 16

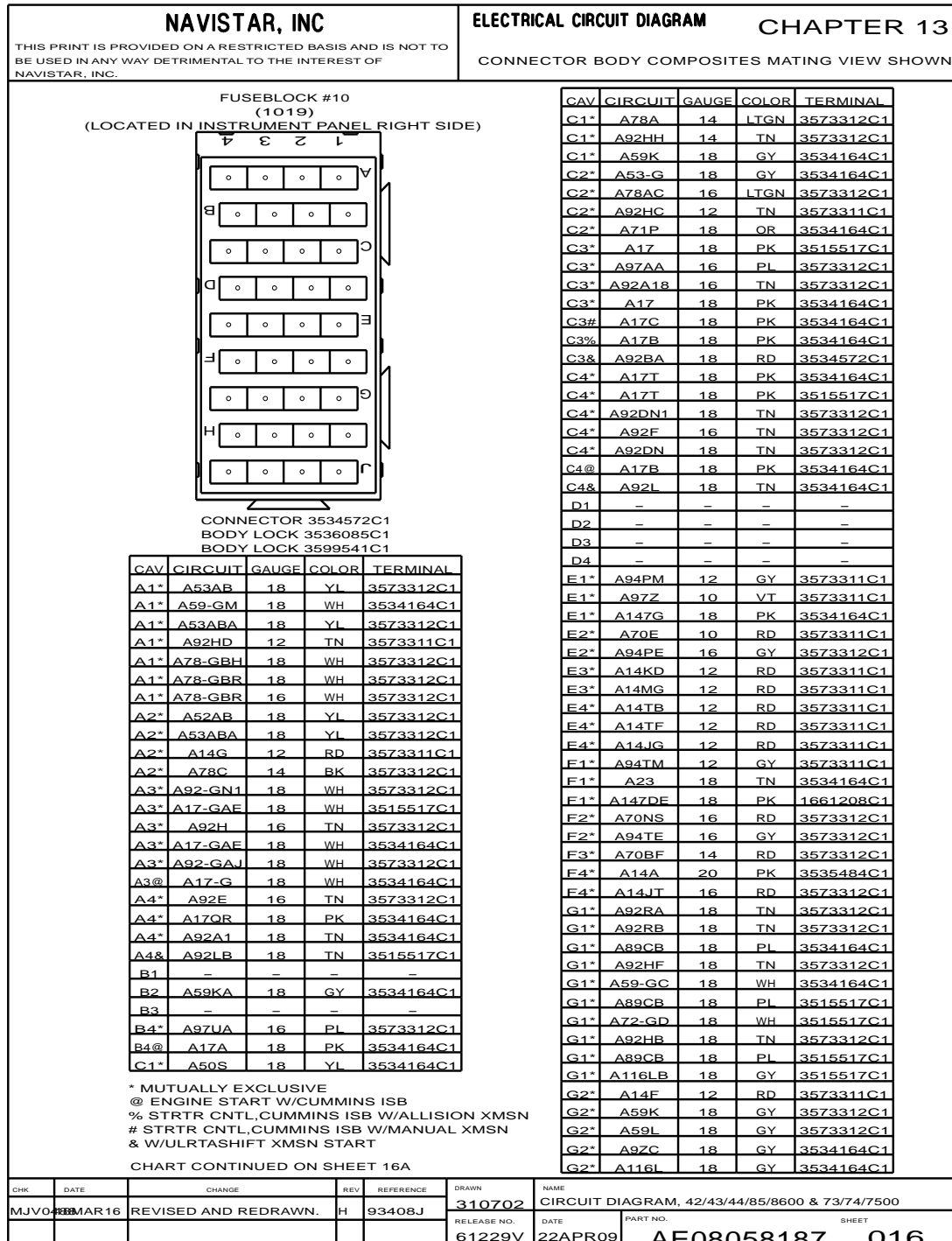


Figure 717 Connector Composites (1019)

13.42. CONNECTOR COMPOSITES (1019), P. 16A

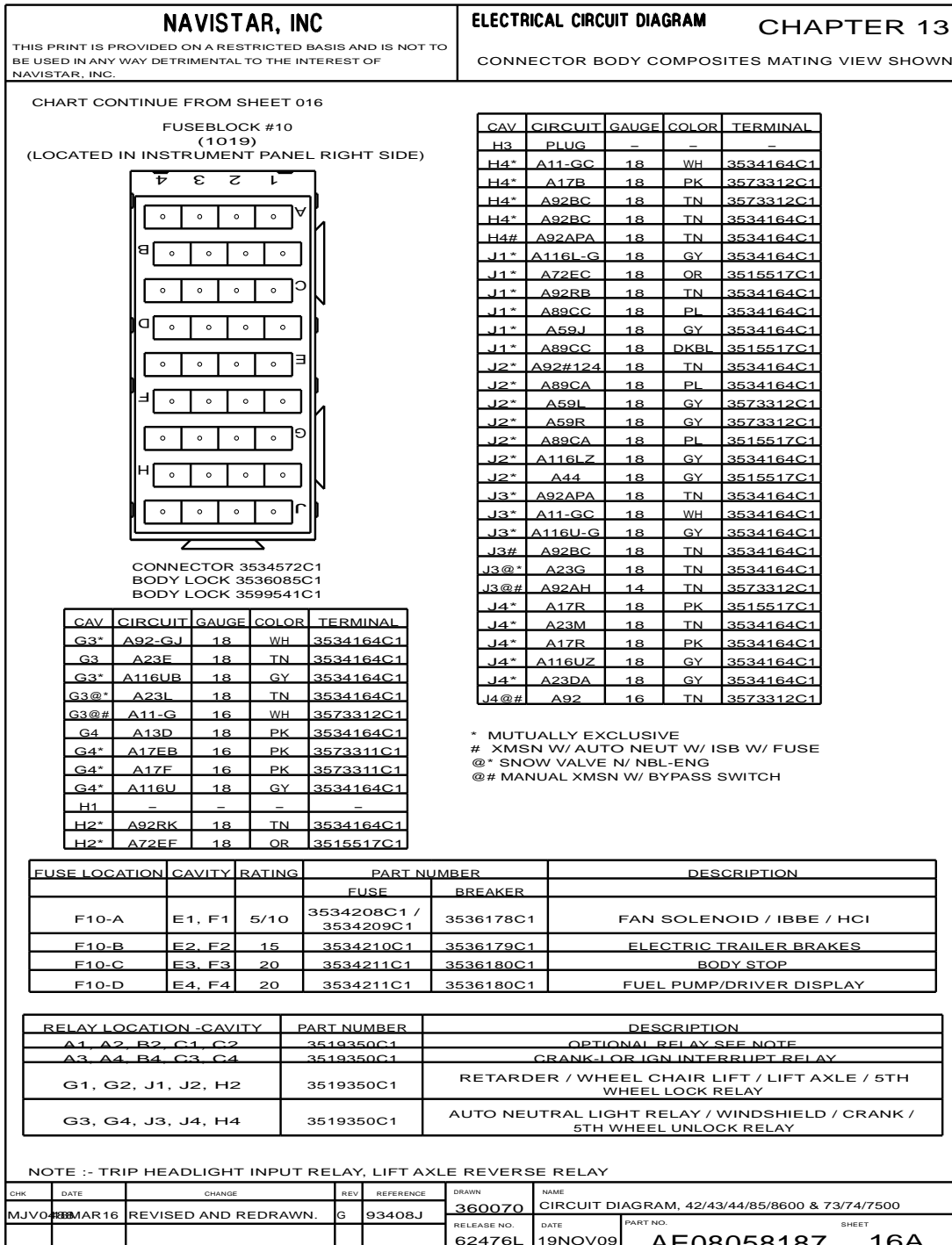


Figure 718 Connector Composites (1019)



13.43. CONNECTOR COMPOSITES (1020), P. 17

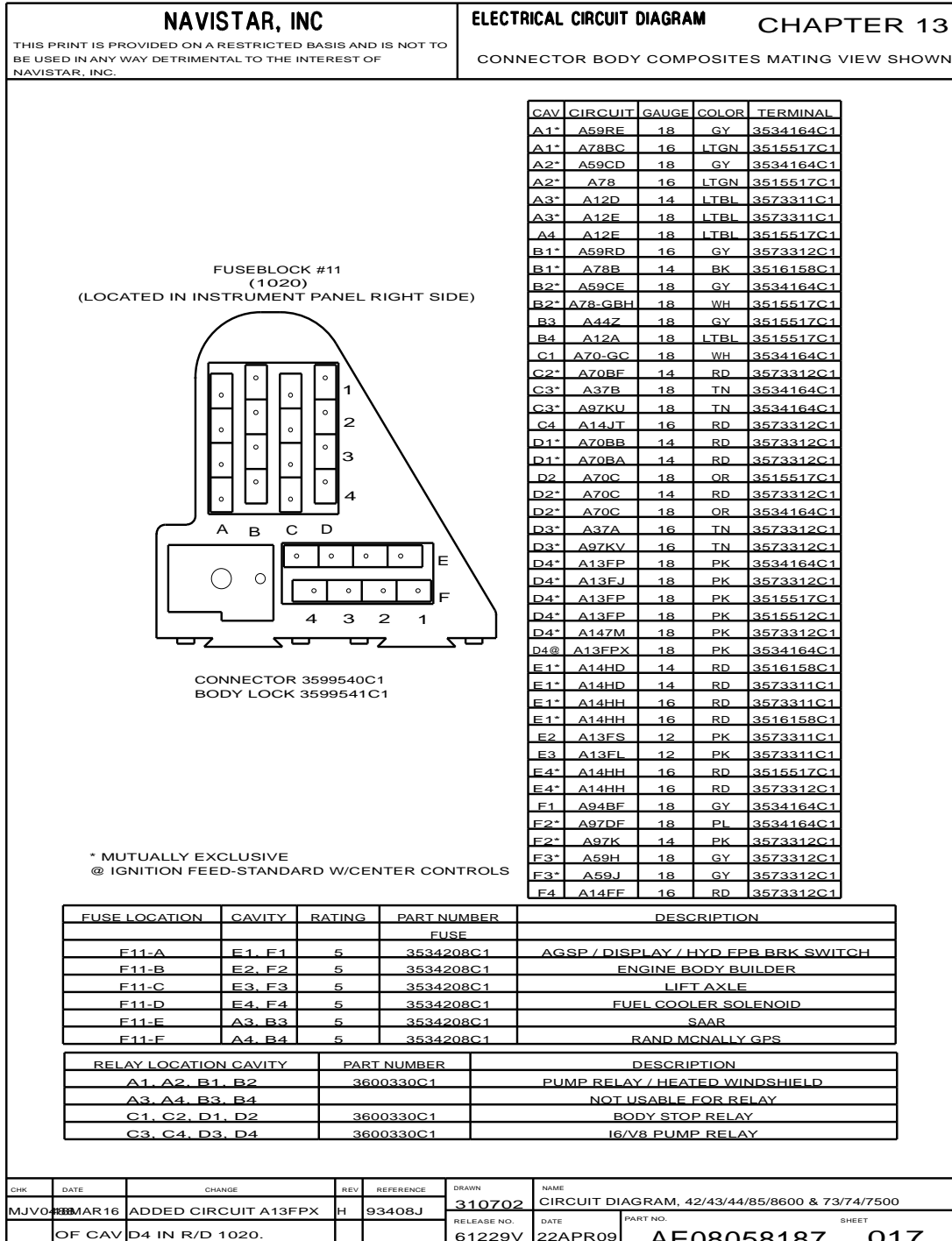


Figure 719 Connector Composites (1020)

13.44. CONNECTOR COMPOSITES (1023A), (1023B), P. 18

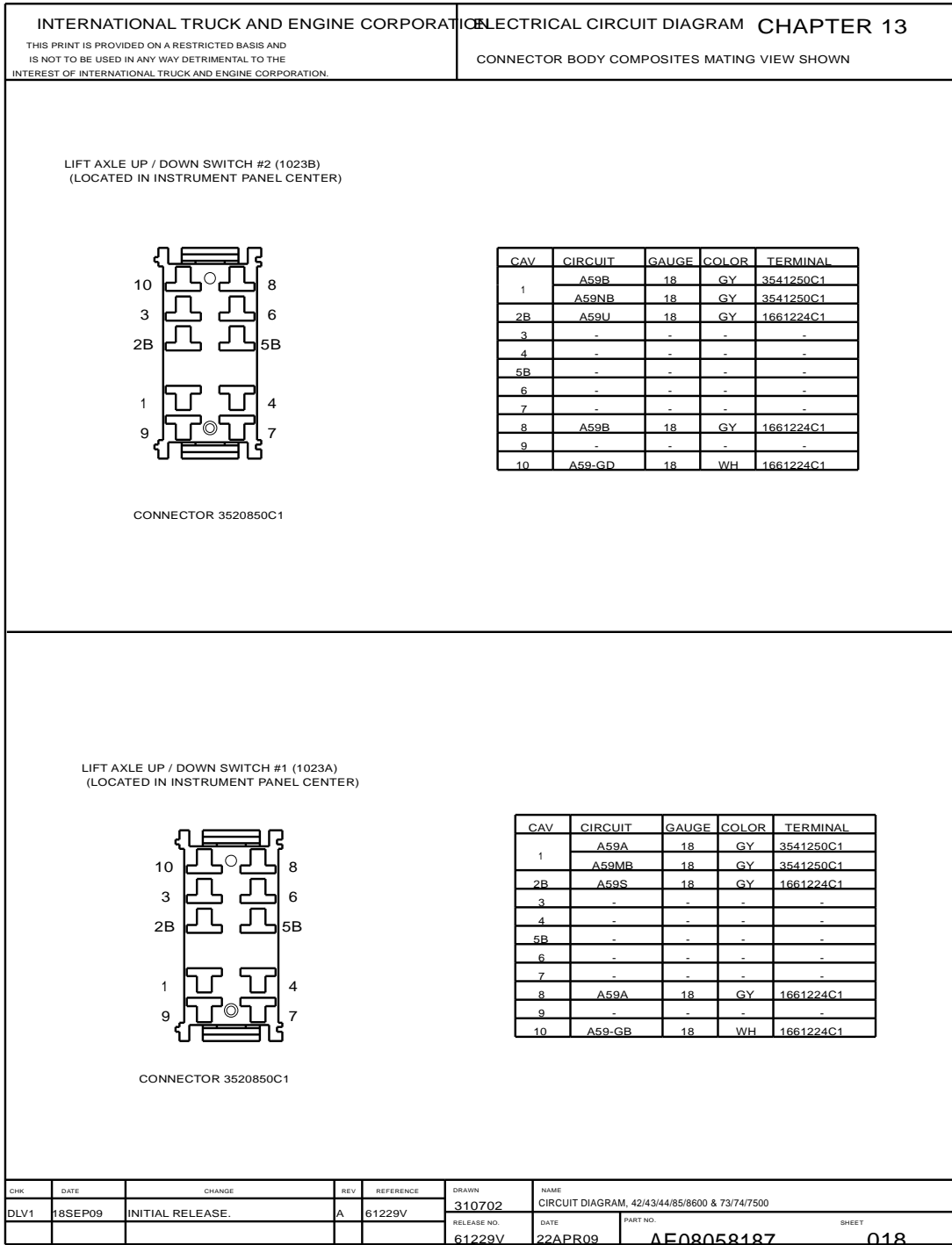


Figure 720 Connector Composites (1023A), (1023B)

13.45. CONNECTOR COMPOSITES (1023C), (1023D), P. 19

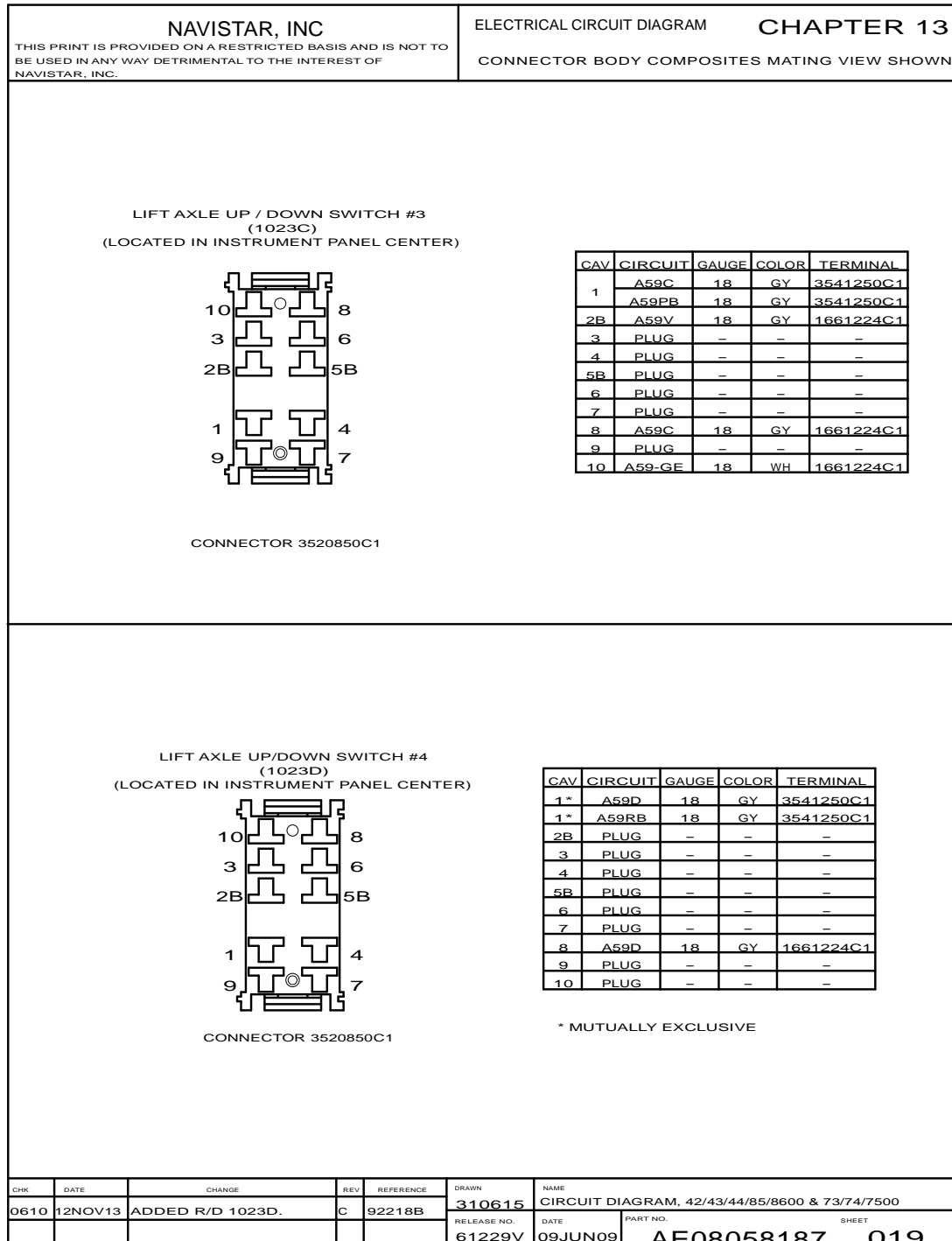


Figure 721 Connector Composites (1023C), (1023D)

13.46. CONNECTOR COMPOSITES (1026), P. 19A

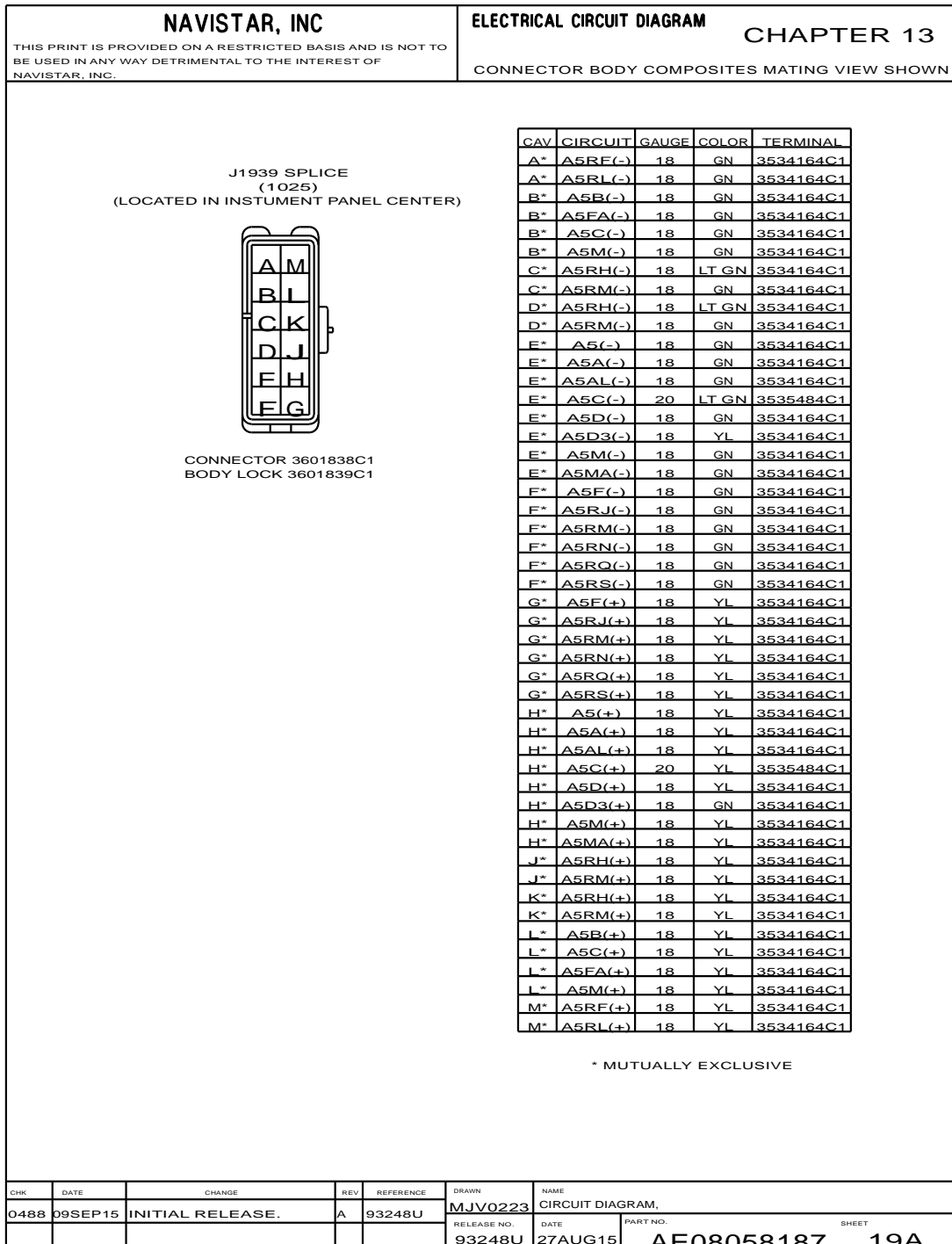


Figure 722 Connector Composites (1026)

13.47. CONNECTOR COMPOSITES (1026), (1029), P. 20

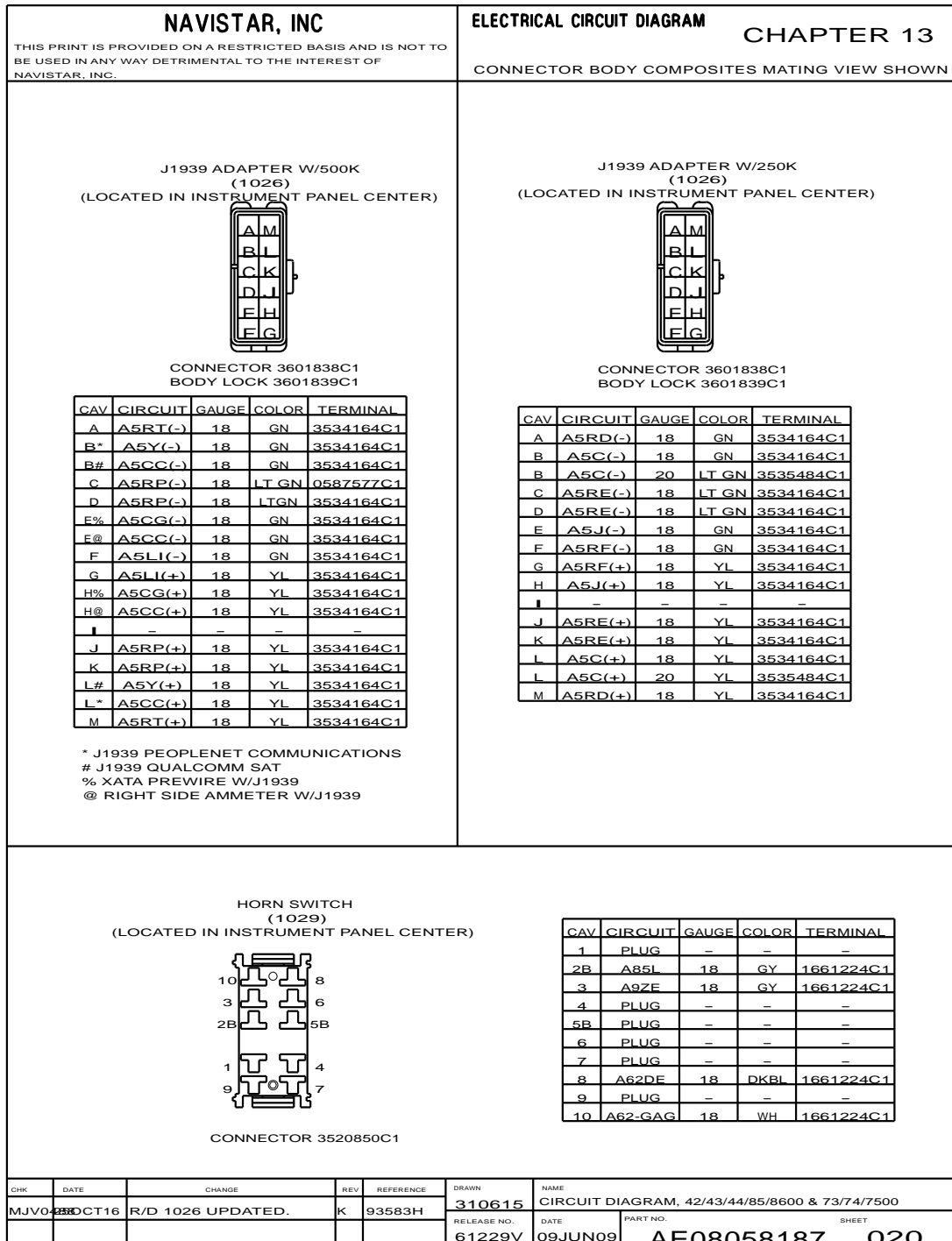


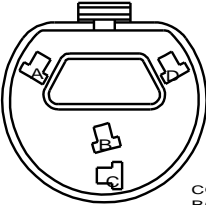
Figure 723 Connector Composites (1026), (1029)

13.48. CONNECTOR COMPOSITES (1100), (1100MA), (1101), (1101A), P. 21

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

**KEY SWITCH  
(1100)**  
(LOCATED IN INSTRUMENT PANEL CENTER)



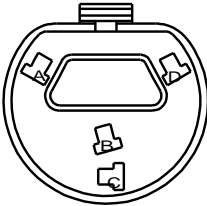
CONNECTOR 3546518C1  
BODY LOCK 3546519C1

\* MUTUALLY EXCLUSIVE  
# INTL I6 & EATON HYBRID  
@ STRTR CNTL, CUMMINS ISB W/ALLISION XMSN  
& W/ALLISON XMSN, AUTO NEUTRAL  
## W/MANUAL XMSN START  
&\* W/ACCESSORY FEED-STANDARD  
@% W/IGNITION FEED-REMOTE START/STOP  
%# W/IGNITION FEED  
% W/IGNITION FEED-REMOTE START/STOP W/UTILITY BODY  
## W/IGNITION FEED-STANDARD OR W/MWM EURO 3  
\*\* W/ACCESSORY FEED W/UTILITY BODY

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A15	18	RD	1661208C1
B*	A17H	16	PK	1661208C1
B	A149B	16	GY	1661208C1
B##	A149B	18	GY	1661208C1
B#	A17HAL	16	PK	1661208C1
B#	A17	18	PK	1661208C1
B*	A17AL	18	PK	1661208C1
B@	A17A	18	PK	1661208C1
B&	A17H	18	PK	1661208C1
C	A149C	14	GY	3566715C1
C&*	A149C	18	GY	1661208C1
C	A12	18	LTBL	1661208C1
C*	A12	14	PK	3566715C1
C**	A3EC	14	GY	3566715C1
D*	A13DB	18	PK	1661208C1
D*	A13F	18	PK	1661208C1
D*	A104J	18	DKBL	1661208C1
D*	A13DB	14	BN	3566715C1
D*	A13F	14	BN	3566715C1
D*	A104J	14	BN	3566715C1
D@%	A149D	18	GY	1661208C1
D	A149D	14	GY	3566715C1
D%#	A1EA	14	GY	3566715C1
D%	A13	14	GY	3566715C1
D&	A149AX	18	GY	1661208C1
D@%	A149A	18	GY	3566715C1

**KEY SWITCH CONN  
(1100MA)**  
(LOCATED IN INSTRUMENT PANEL CENTER)



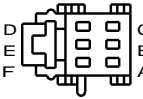
CONNECTOR 3546518C1  
BODY LOCK 3546519C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A15	16	RD	1661208C1
B*	A17H	16	PK	1661208C1
B*	A17H	18	PK	1661208C1
B*	A17HAL	16	PK	1661208C1
B*	A17HAL	18	PK	1661208C1
B#	A149B	18	GY	1661208C1
C	A12	18	LTBL	1661208C1
C*	A12	14	PK	3566715C1
C%	A149C	18	GY	1661208C1
D*	A13F	14	BN	3566715C1
D	A13F	18	PK	1661208C1
D&	A149A	18	GY	1661208C1

\* MUTUALLY EXCLUSIVE  
# ALL ISON XMSN W/CENTER PANEL START  
& IGN FEED-STANDARD W/CENTER CONTROLS  
% W/ ACCESS FEED- CTR PNL

**LOC 1 & 2 SWITCH PACK  
(1101)**  
(LOCATED IN INSTRUMENT PANEL CENTER)

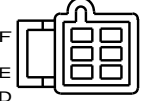


CONNECTOR 2031871C1  
BODY LOCK 2031873C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A11-GKD	18	WH	1661261C1
B	A12F	18	LTBL	1661261C1
C	A62DB	18	DKBL	1661261C1
D*	A3C(+)	18	DKBL	1661261C1
D*	A3A(+)	18	DKBL	1661261C1
E*	A3C(-)	18	GY	1661261C1
E*	A3A(-)	18	GY	1661261C1
F	-	-	-	-

\* MUTUALLY EXCLUSIVE

**SWITCH PACK  
(1101A)**  
(LOCATED IN INSTRUMENT PANEL CENTER)



CONNECTOR 2031872C1  
BODY LOCK 2031874C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A11-GJ	18	WH	1661262C1
B	A12FC	18	LTBL	1661262C1
C	A62S	18	DKBL	1661262C1
D-F	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJVO	SEP17	ADDED CIRC A3EC.	G	94139C	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					61229V	09JUN09
						PART NO.
						AE08058187
						SHEET
						021

Figure 724 Connector Composites (1100), (1100MA), (1101), (1101A)

13.49. CONNECTOR COMPOSITES (1105), (1105A), (1106), P. 22

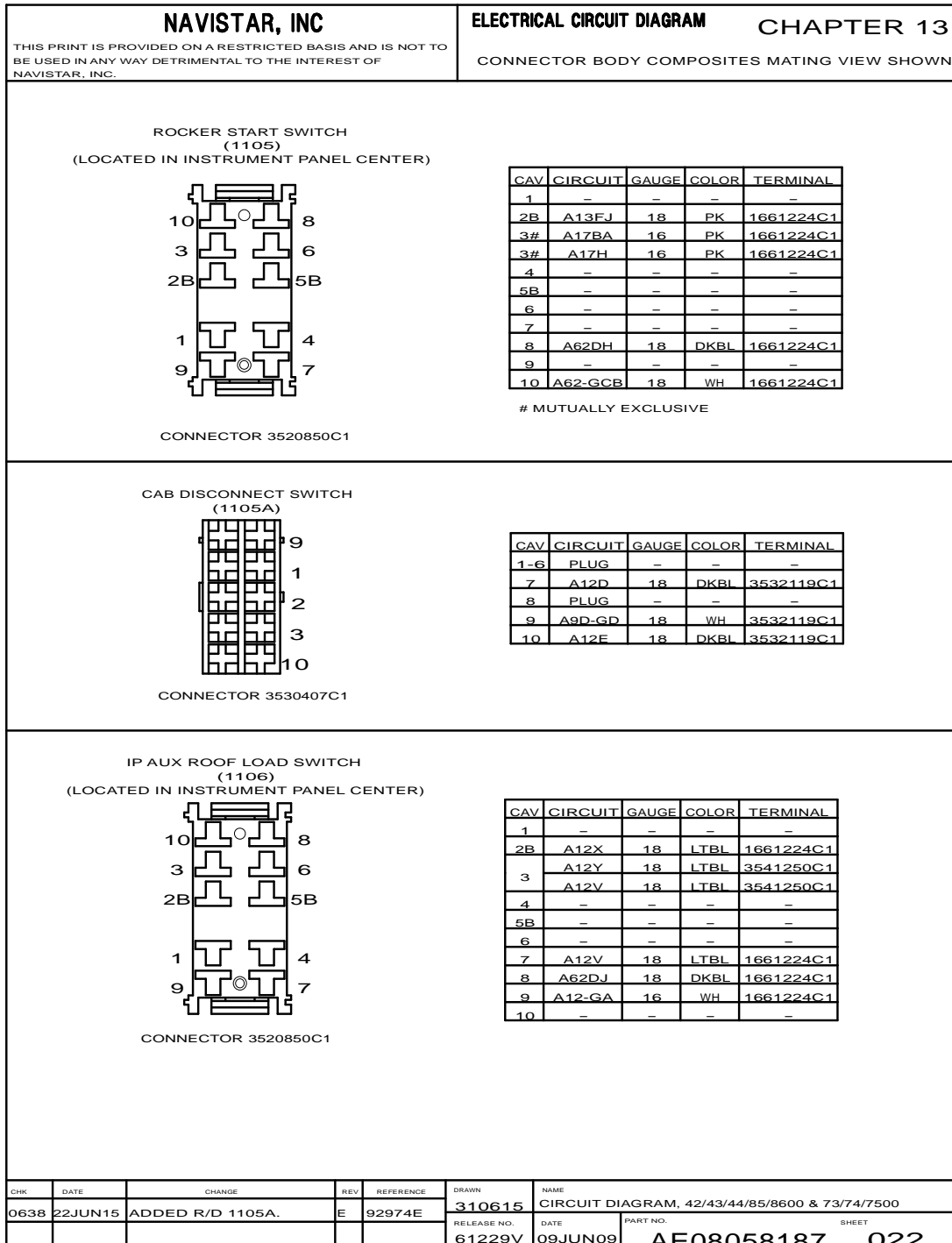


Figure 725 Connector Composites (1105), (1105A), (1106)

13.50. CONNECTOR COMPOSITES (1107), (1108), P. 22A

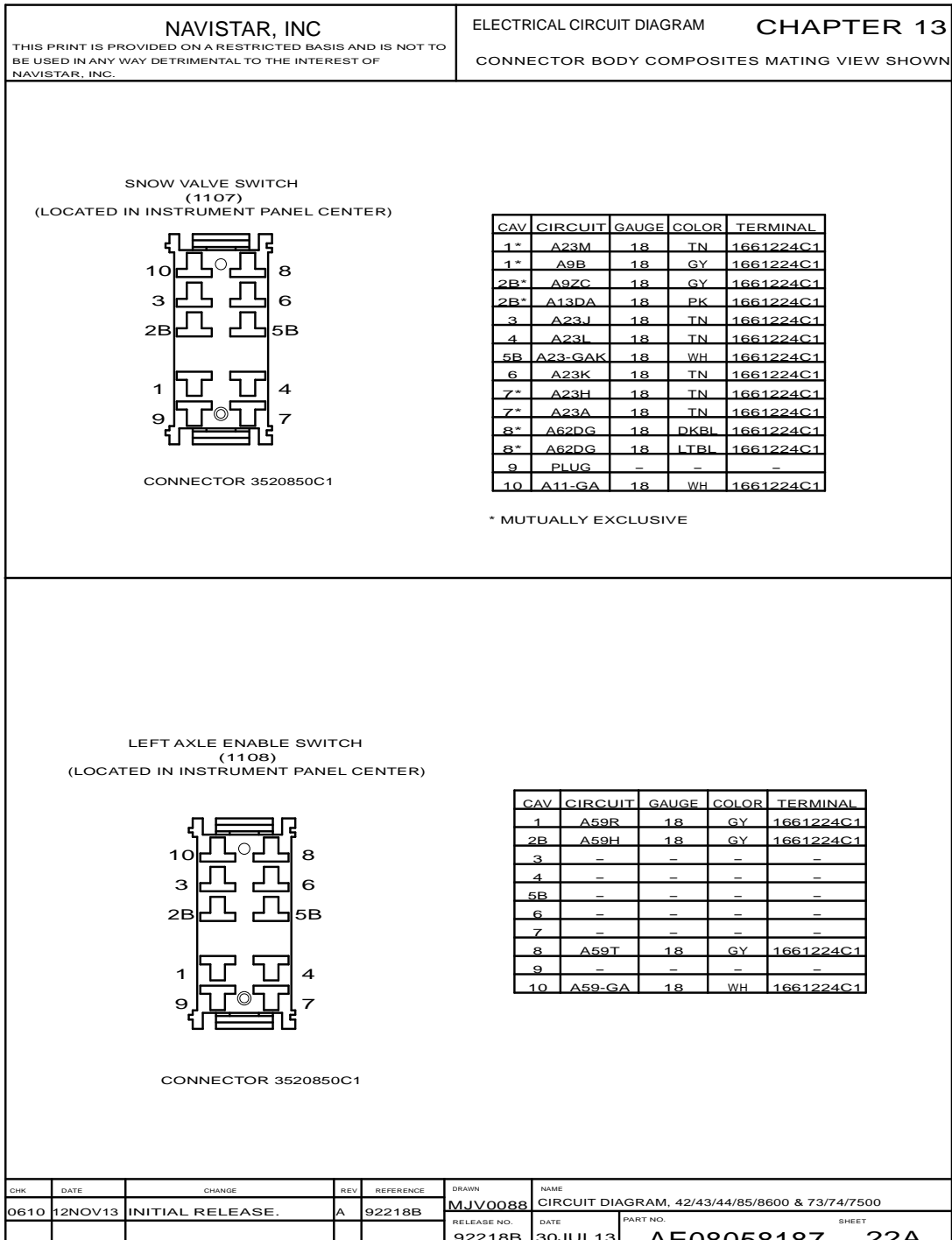


Figure 726 Connector Composites (1107), (1108)



13.51. CONNECTOR COMPOSITES (1109), (1109A), (1110), P. 23



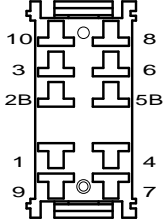
<b>NAVISTAR, INC</b>		<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 13</b>																																																																																																					
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.		CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																																																																							
<p>HYDRAULIC POWER PACK SWITCH (1109) (LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p>CONNECTOR 3518182C1 BODY LOCK 3518184C1</p> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A44A</td><td>18</td><td>GY</td><td>3518963C1</td></tr> <tr><td>B</td><td>A90-M</td><td>18</td><td>GY</td><td>3518963C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A44A	18	GY	3518963C1	B	A90-M	18	GY	3518963C1																																																																																					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																					
A	A44A	18	GY	3518963C1																																																																																																					
B	A90-M	18	GY	3518963C1																																																																																																					
<p>HYDRAULIC POWER PACK SWITCH (1109A) (LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p>CONNECTOR 3518182C1 BODY LOCK 3518184C1</p> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A44AA</td><td>18</td><td>GY</td><td>3518963C1</td></tr> <tr><td>B</td><td>A90-M</td><td>18</td><td>GY</td><td>3518963C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A44AA	18	GY	3518963C1	B	A90-M	18	GY	3518963C1																																																																																					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																					
A	A44AA	18	GY	3518963C1																																																																																																					
B	A90-M	18	GY	3518963C1																																																																																																					
<p>AUX TRAILER SOCKET SWITCH (1110) (LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p>CONNECTOR 3520850C1</p> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>A72D</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>2B@</td><td>A110C</td><td>18</td><td>GY</td><td>1661224C1</td></tr> <tr><td>2B@</td><td>A72B</td><td>16</td><td>OR</td><td>1661224C1</td></tr> <tr><td>2B*</td><td>A72E</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>3@</td><td>A72CA</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>3@</td><td>A72FA</td><td>18</td><td>OR</td><td>1661226C1</td></tr> <tr><td>3@</td><td>A72F</td><td>16</td><td>OR</td><td>1661226C1</td></tr> <tr><td>3@</td><td>A72ED</td><td>18</td><td>OR</td><td>3541250C1</td></tr> <tr><td>3@</td><td>A72EC</td><td>18</td><td>OR</td><td>3541250C1</td></tr> <tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5B</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7@</td><td>A72B</td><td>14</td><td>OR</td><td>1661226C1</td></tr> <tr><td>7@</td><td>A72FA</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>7@</td><td>A72ED</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>8</td><td>A62DK</td><td>18</td><td>DKRL</td><td>1661224C1</td></tr> <tr><td>9@</td><td>A72-GAM</td><td>18</td><td>WH</td><td>1661224C1</td></tr> <tr><td>10@</td><td>A72-GB</td><td>18</td><td>WH</td><td>3541250C1</td></tr> <tr><td>10@</td><td>A72-GD</td><td>18</td><td>WH</td><td>3541250C1</td></tr> </tbody> </table> <p style="font-size: x-small; text-align: center;">@ MUTUALLY EXCLUSIVE * W/AUX TRAILER-CENTER PIN SW CONTROLLED.</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A72D	18	OR	1661224C1	2B@	A110C	18	GY	1661224C1	2B@	A72B	16	OR	1661224C1	2B*	A72E	18	OR	1661224C1	3@	A72CA	18	OR	1661224C1	3@	A72FA	18	OR	1661226C1	3@	A72F	16	OR	1661226C1	3@	A72ED	18	OR	3541250C1	3@	A72EC	18	OR	3541250C1	4	PLUG	-	-	-	5B	PLUG	-	-	-	6	PLUG	-	-	-	7@	A72B	14	OR	1661226C1	7@	A72FA	18	OR	1661224C1	7@	A72ED	18	OR	1661224C1	8	A62DK	18	DKRL	1661224C1	9@	A72-GAM	18	WH	1661224C1	10@	A72-GB	18	WH	3541250C1	10@	A72-GD	18	WH	3541250C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																					
1	A72D	18	OR	1661224C1																																																																																																					
2B@	A110C	18	GY	1661224C1																																																																																																					
2B@	A72B	16	OR	1661224C1																																																																																																					
2B*	A72E	18	OR	1661224C1																																																																																																					
3@	A72CA	18	OR	1661224C1																																																																																																					
3@	A72FA	18	OR	1661226C1																																																																																																					
3@	A72F	16	OR	1661226C1																																																																																																					
3@	A72ED	18	OR	3541250C1																																																																																																					
3@	A72EC	18	OR	3541250C1																																																																																																					
4	PLUG	-	-	-																																																																																																					
5B	PLUG	-	-	-																																																																																																					
6	PLUG	-	-	-																																																																																																					
7@	A72B	14	OR	1661226C1																																																																																																					
7@	A72FA	18	OR	1661224C1																																																																																																					
7@	A72ED	18	OR	1661224C1																																																																																																					
8	A62DK	18	DKRL	1661224C1																																																																																																					
9@	A72-GAM	18	WH	1661224C1																																																																																																					
10@	A72-GB	18	WH	3541250C1																																																																																																					
10@	A72-GD	18	WH	3541250C1																																																																																																					
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																																			
0488	25JUN14	ADDED CIRC A72E TO	F	92603H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																																																			
	R/D 1110				RELEASE NO.	DATE																																																																																																			
					61229V	09JUN09																																																																																																			
						PART NO.																																																																																																			
						AE08058187																																																																																																			
						SHEET																																																																																																			
						023																																																																																																			

Figure 727 Connector Composites (1109), (1109A), (1110)

13.52. CONNECTOR COMPOSITES (1112), (1113), (1115), P. 23A

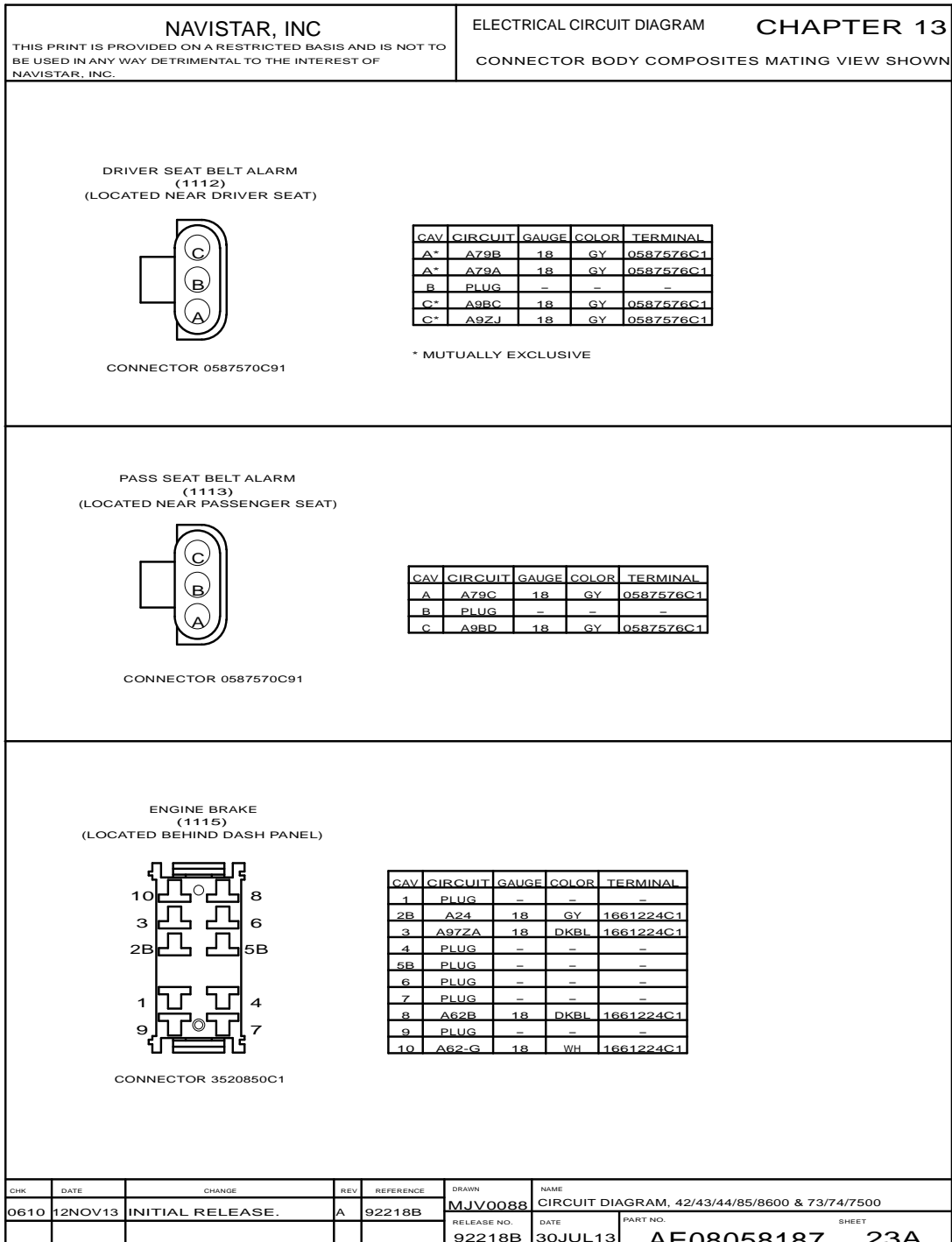


Figure 728 Connector Composites (1112), (1113), (1115)

13.53. CONNECTOR COMPOSITES (1116), (1120), (1200), P. 23B

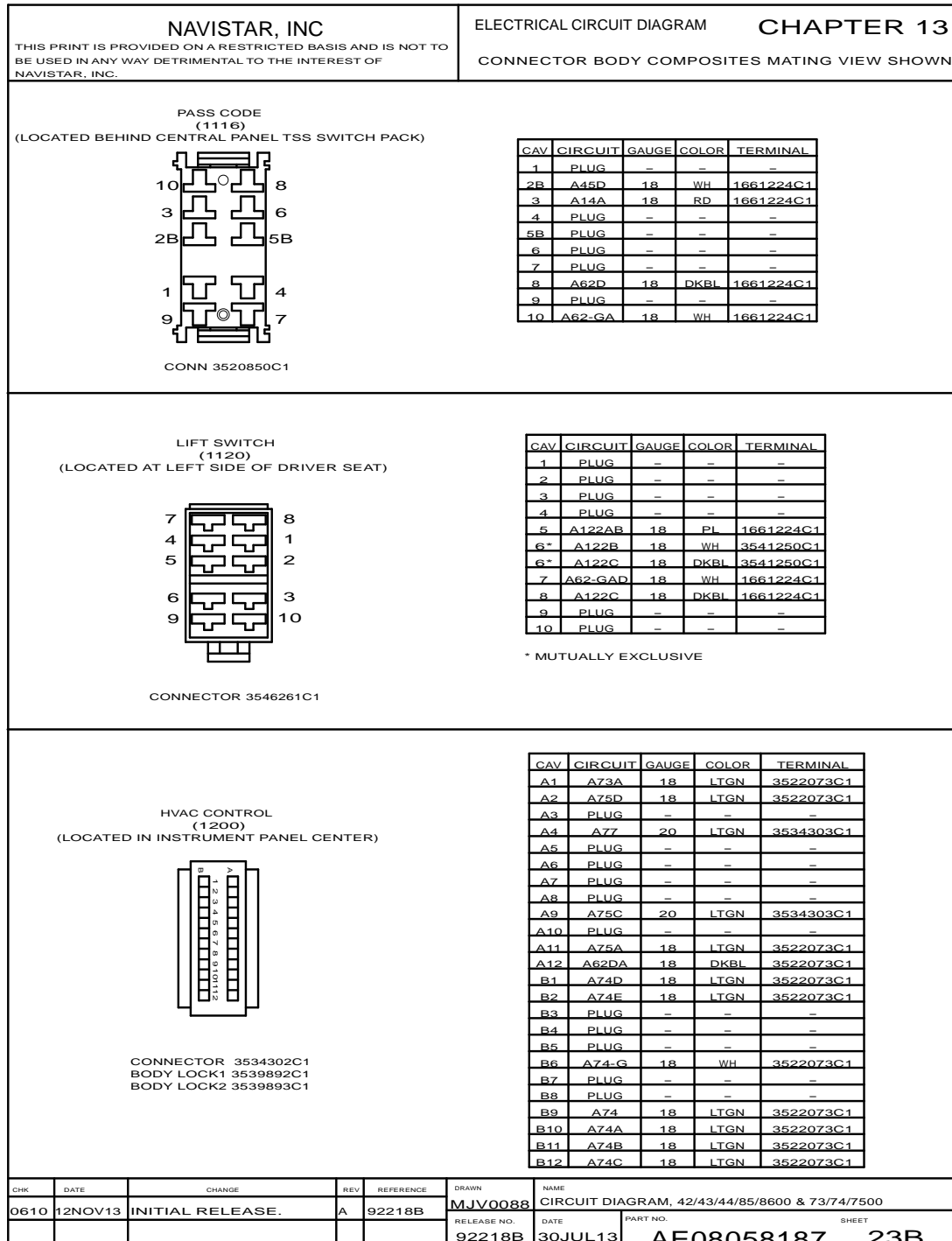


Figure 729 Connector Composites (1116), (1120), (1200)



13.55. CONNECTOR COMPOSITES (1234), P. 24A

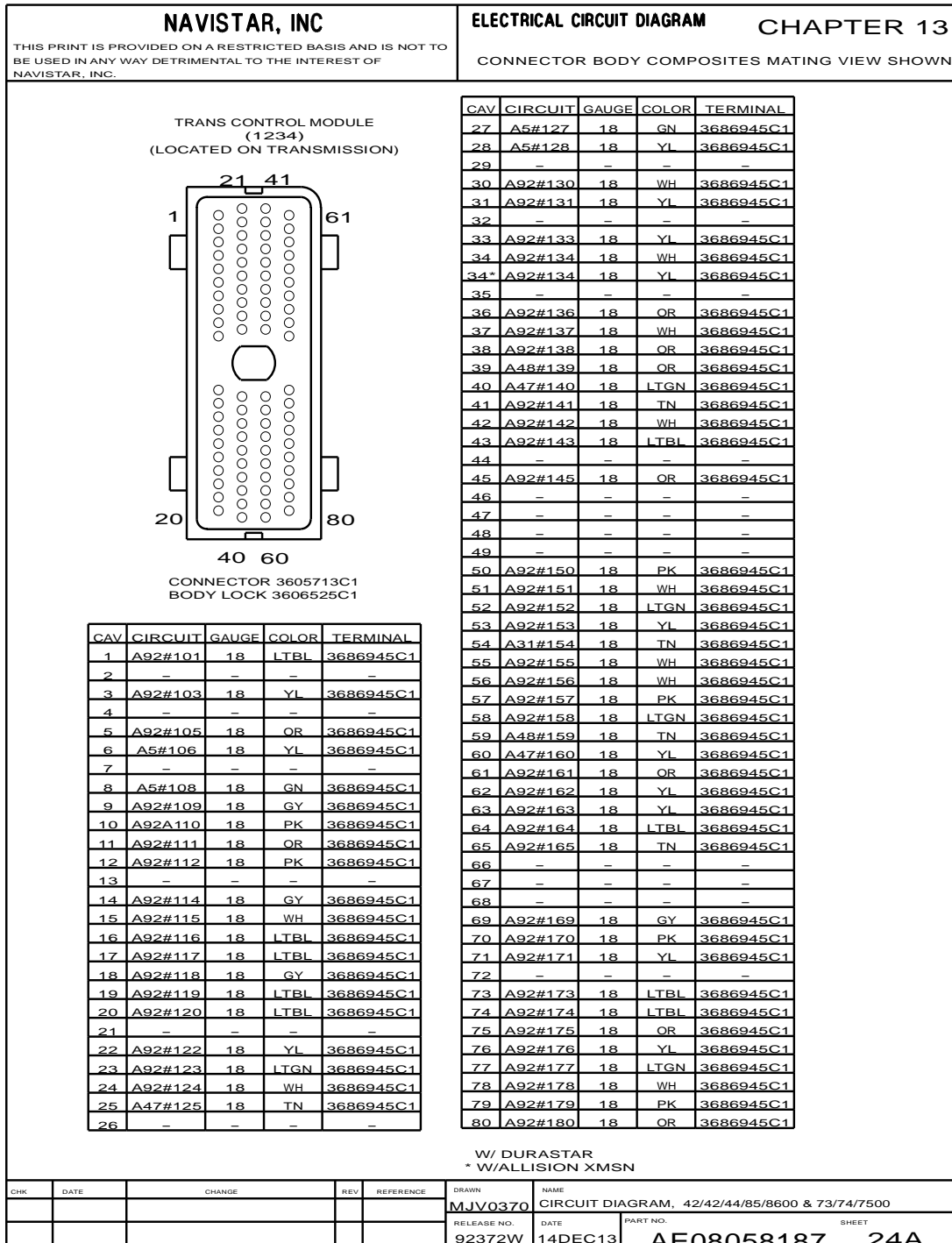


Figure 731 Connector Composites (1234)

13.56. CONNECTOR COMPOSITES (1235), (1236), P. 24B

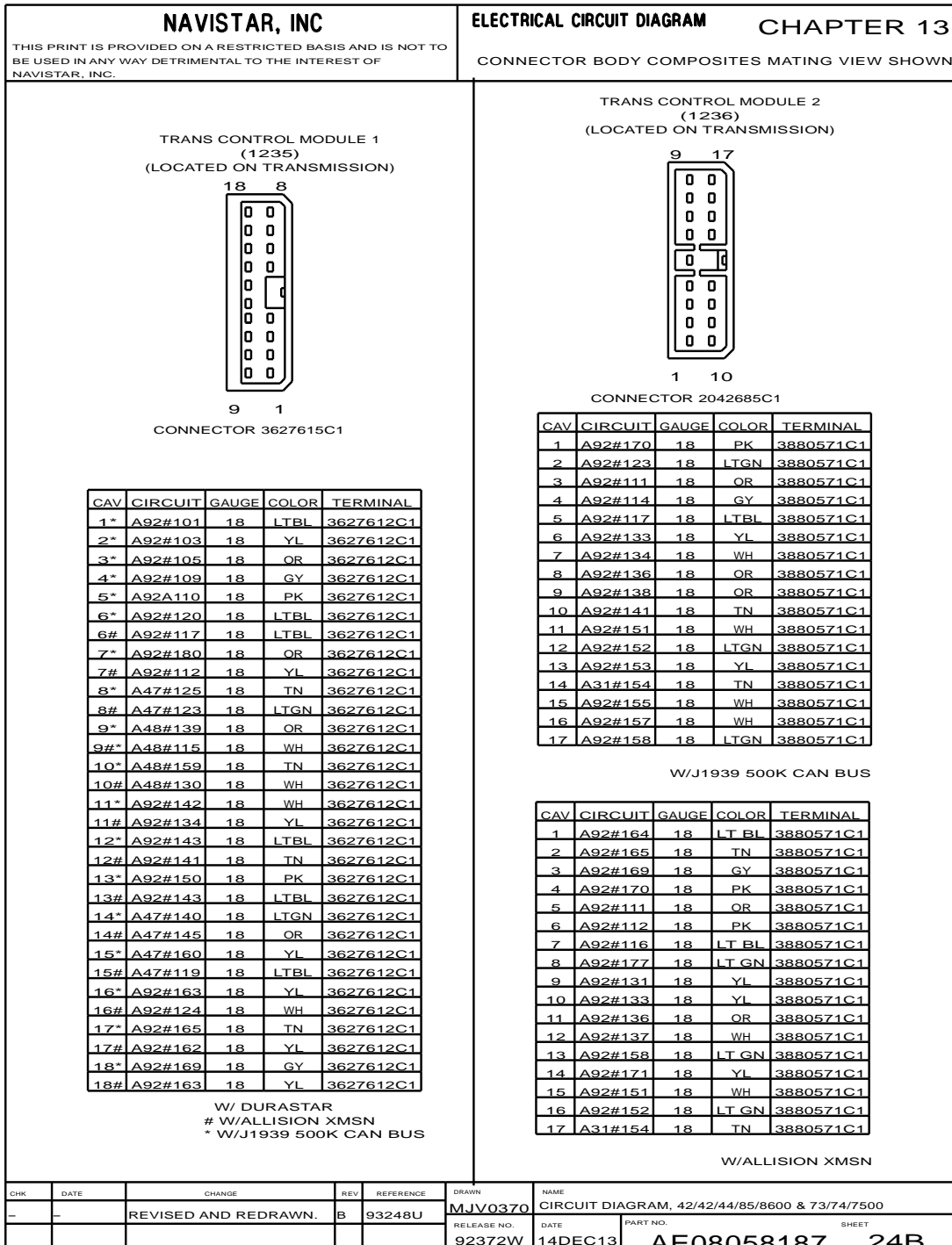


Figure 732 Connector Composites (1235), (1236)

13.57. CONNECTOR COMPOSITES (1237), P. 24C

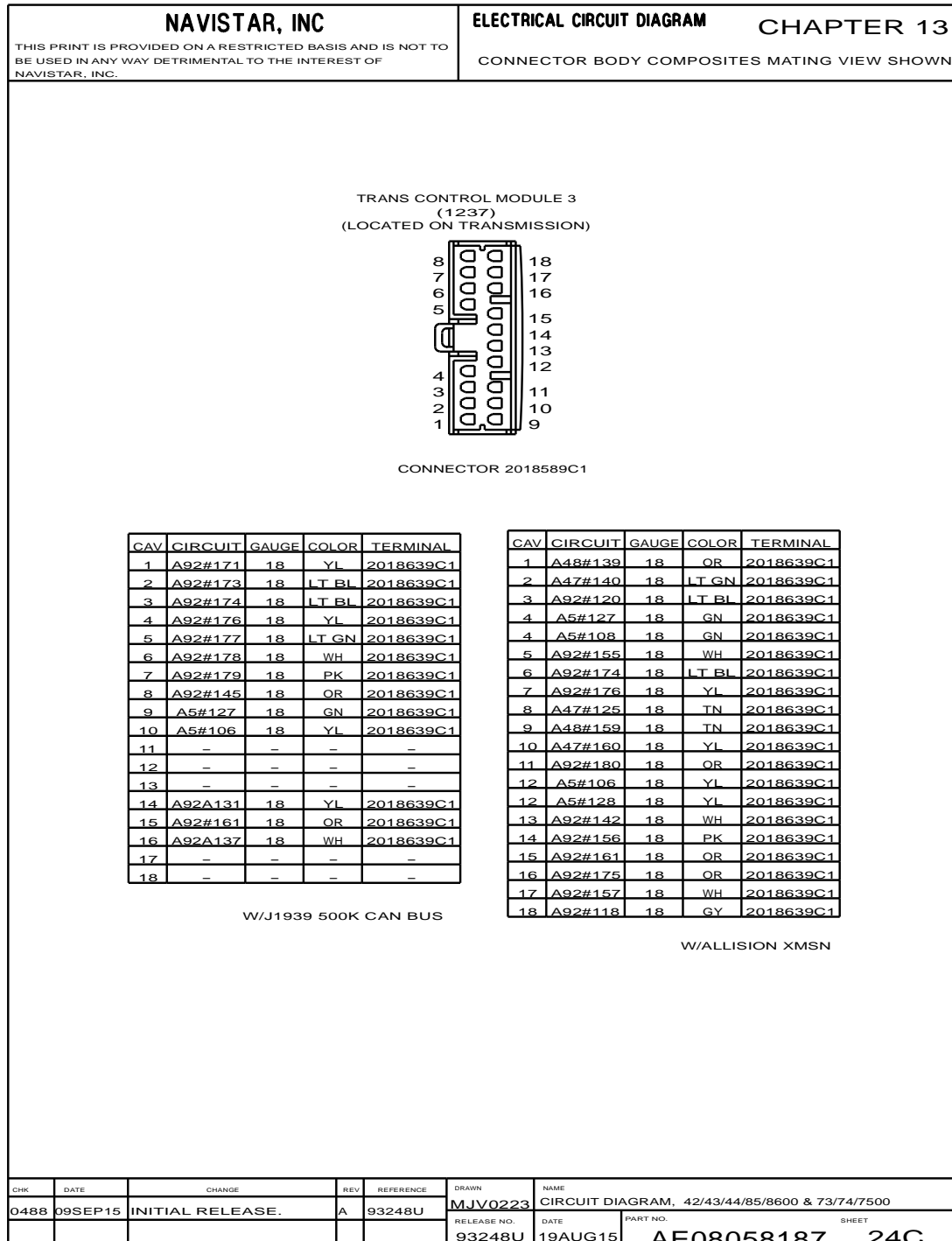


Figure 733 Connector Composites (1237)

13.58. CONNECTOR COMPOSITES (1240F), (1241F), P. 25

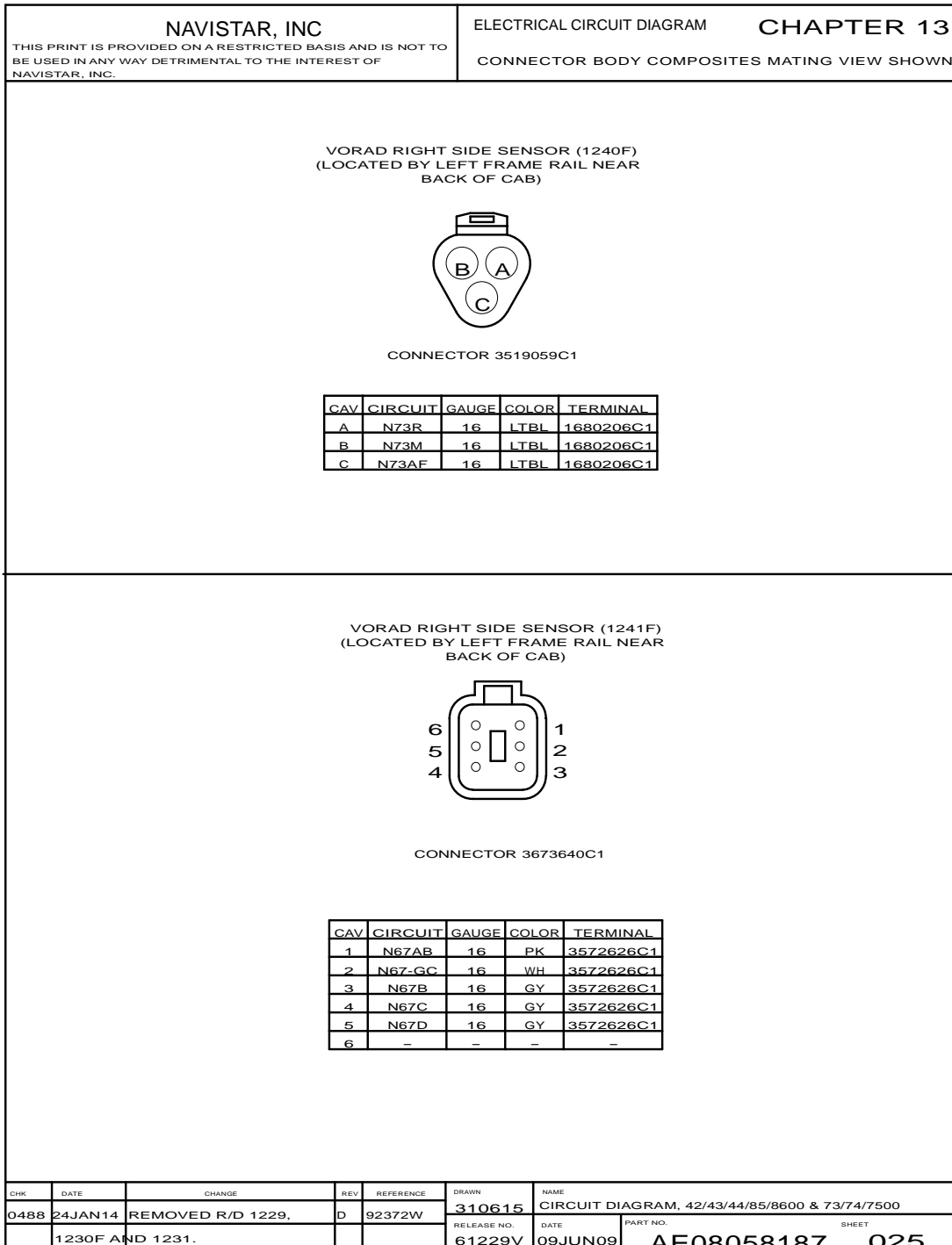


Figure 734 Connector Composites (1240F), (1241F)



13.59. CONNECTOR COMPOSITES (1242), (1243), (1300), (1300A), P. 26

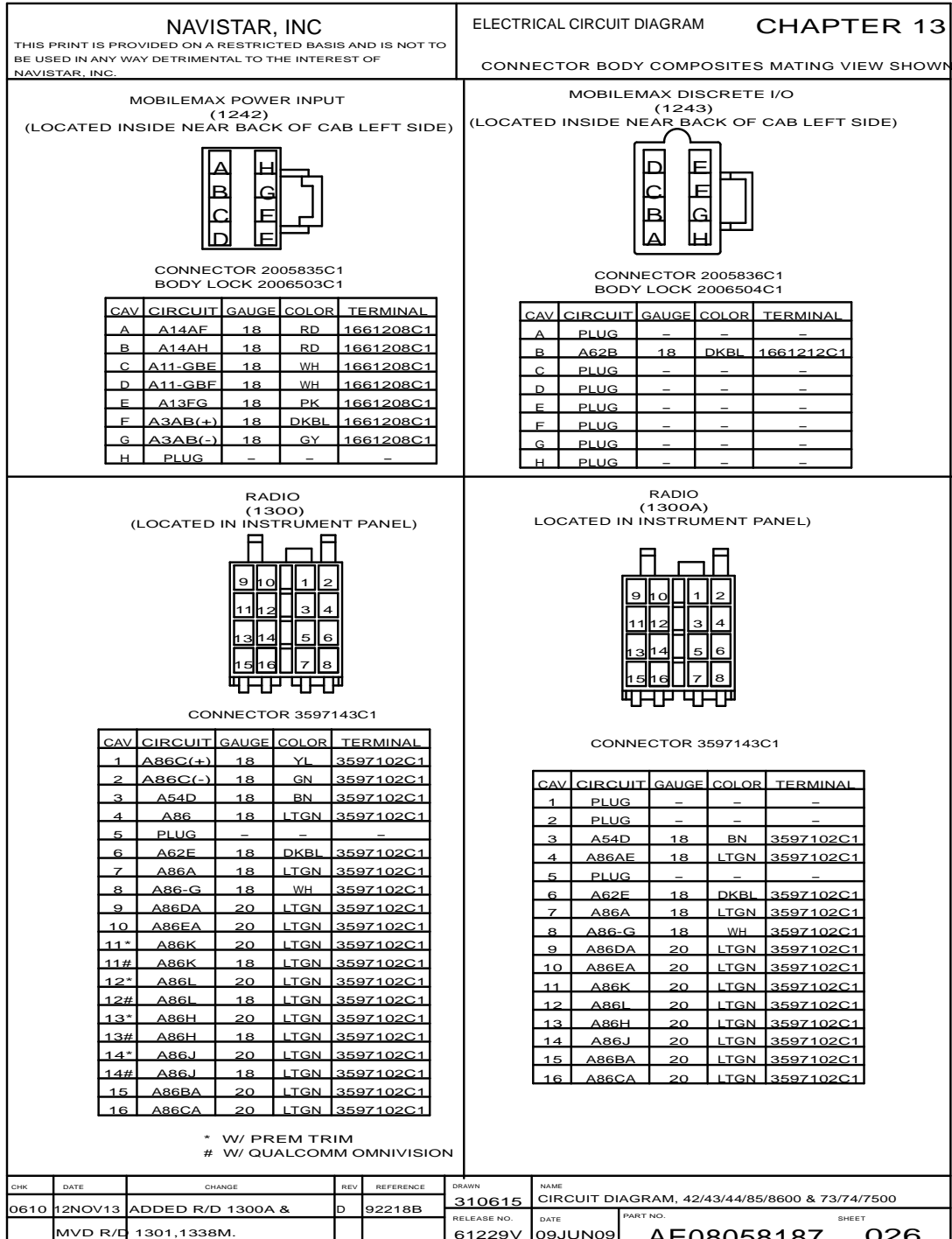


Figure 735 Connector Composites (1242), (1243), (1300), (1300A)

13.60. CONNECTOR COMPOSITES (1301), (1302), P. 26A

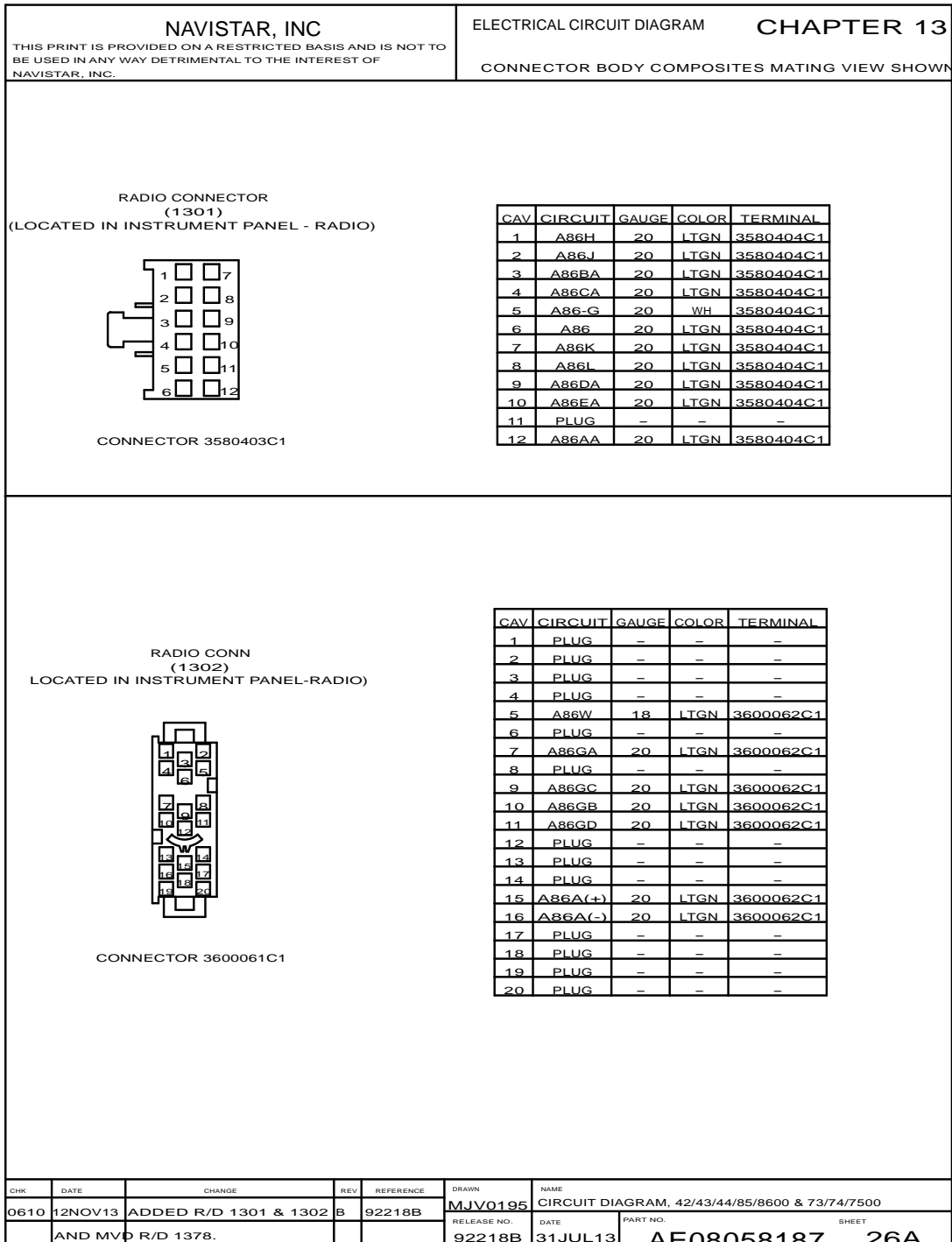


Figure 736 Connector Composites (1301), (1302)

13.61. CONNECTOR COMPOSITES (1303), (1338M), (1378), P. 26B

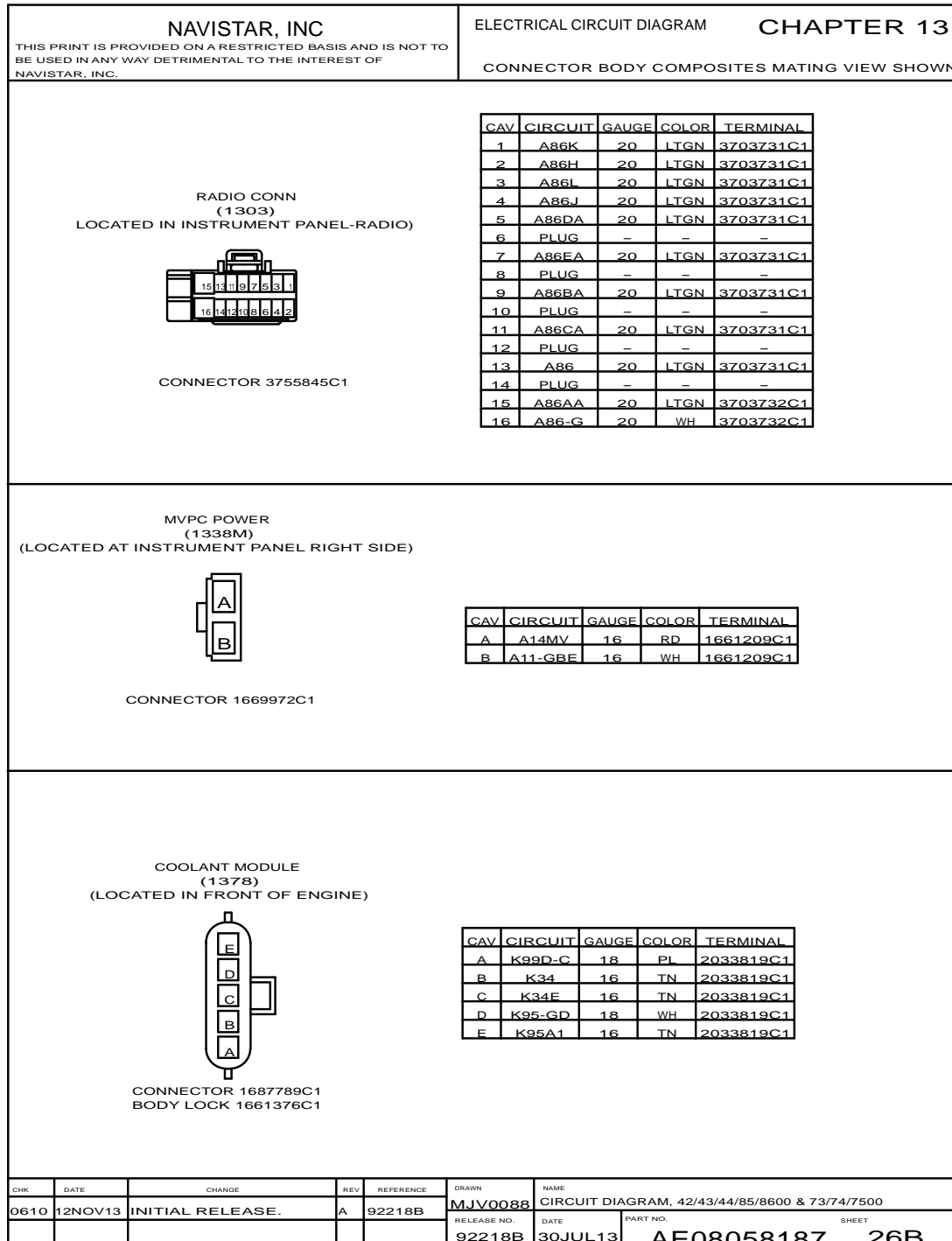


Figure 737 Connector Composites (1303), (1338M), (1378)

13.62. CONNECTOR COMPOSITES (1400), (1401), P. 27

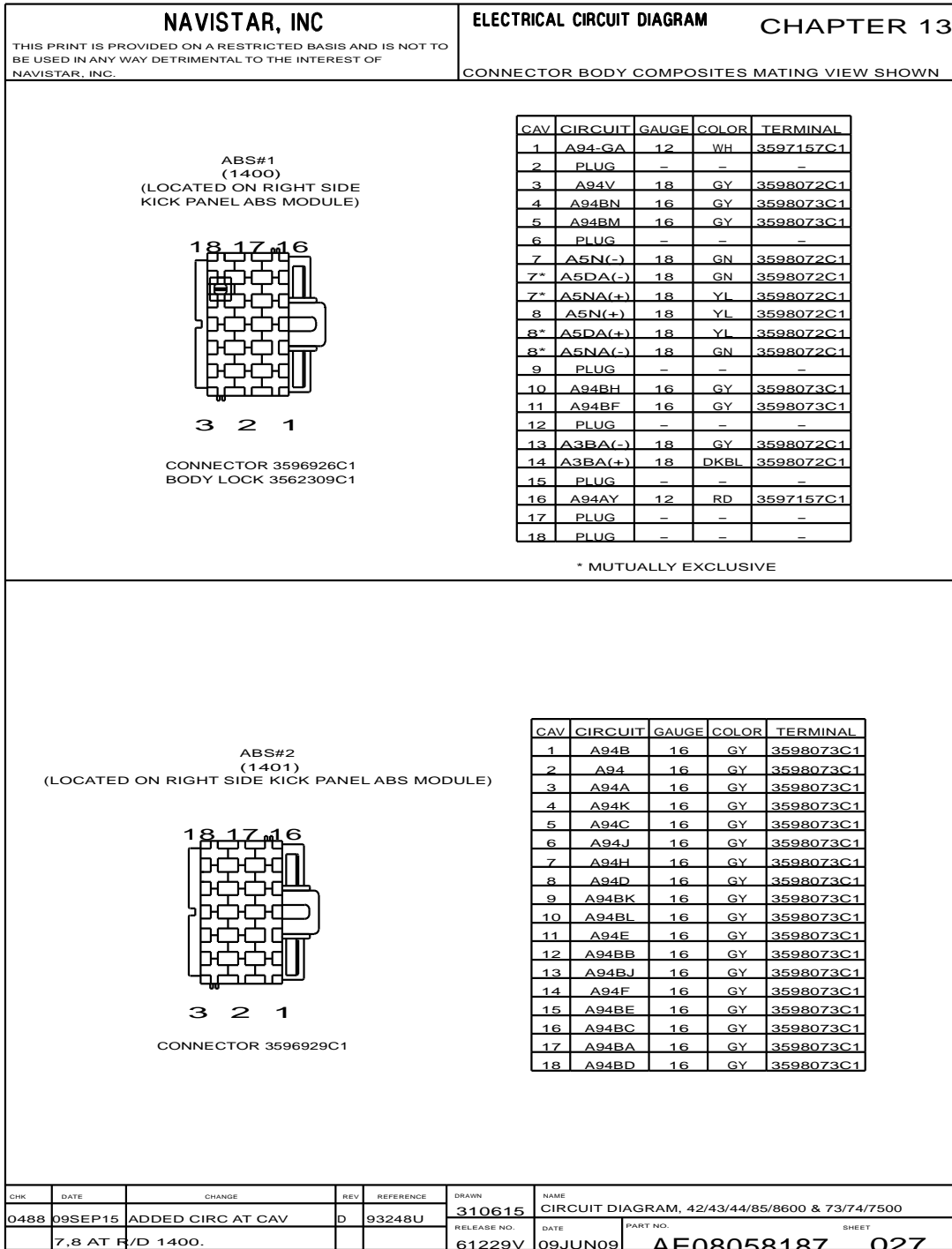


Figure 738 Connector Composites (1400), (1401)

13.63. CONNECTOR COMPOSITES (1402), P. 27A

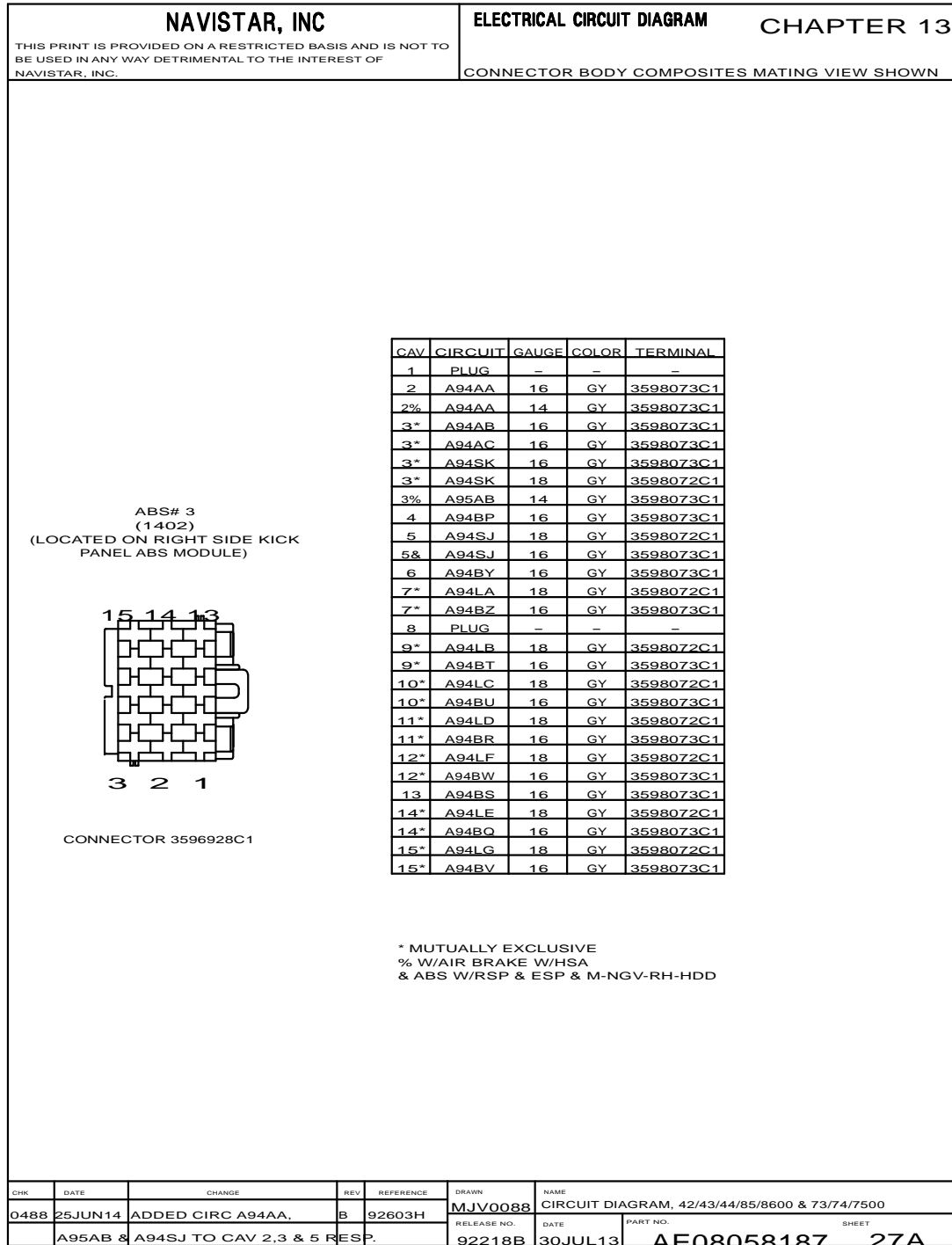


Figure 739 Connector Composites (1402)

13.64. CONNECTOR COMPOSITES (1403), (1410), P. 28

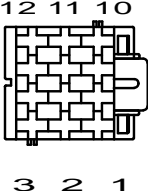
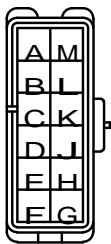
<p style="text-align: center;"><b>NAVISTAR, INC</b></p> <p style="font-size: small;">THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>	<p style="text-align: right;">ELECTRICAL CIRCUIT DIAGRAM    <b>CHAPTER 13</b></p> <p style="text-align: center;">CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p>																																																																																																																			
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Figure 740 Connector Composites (1403), (1410)

13.65. CONNECTOR COMPOSITES (1420), (1421), P. 29

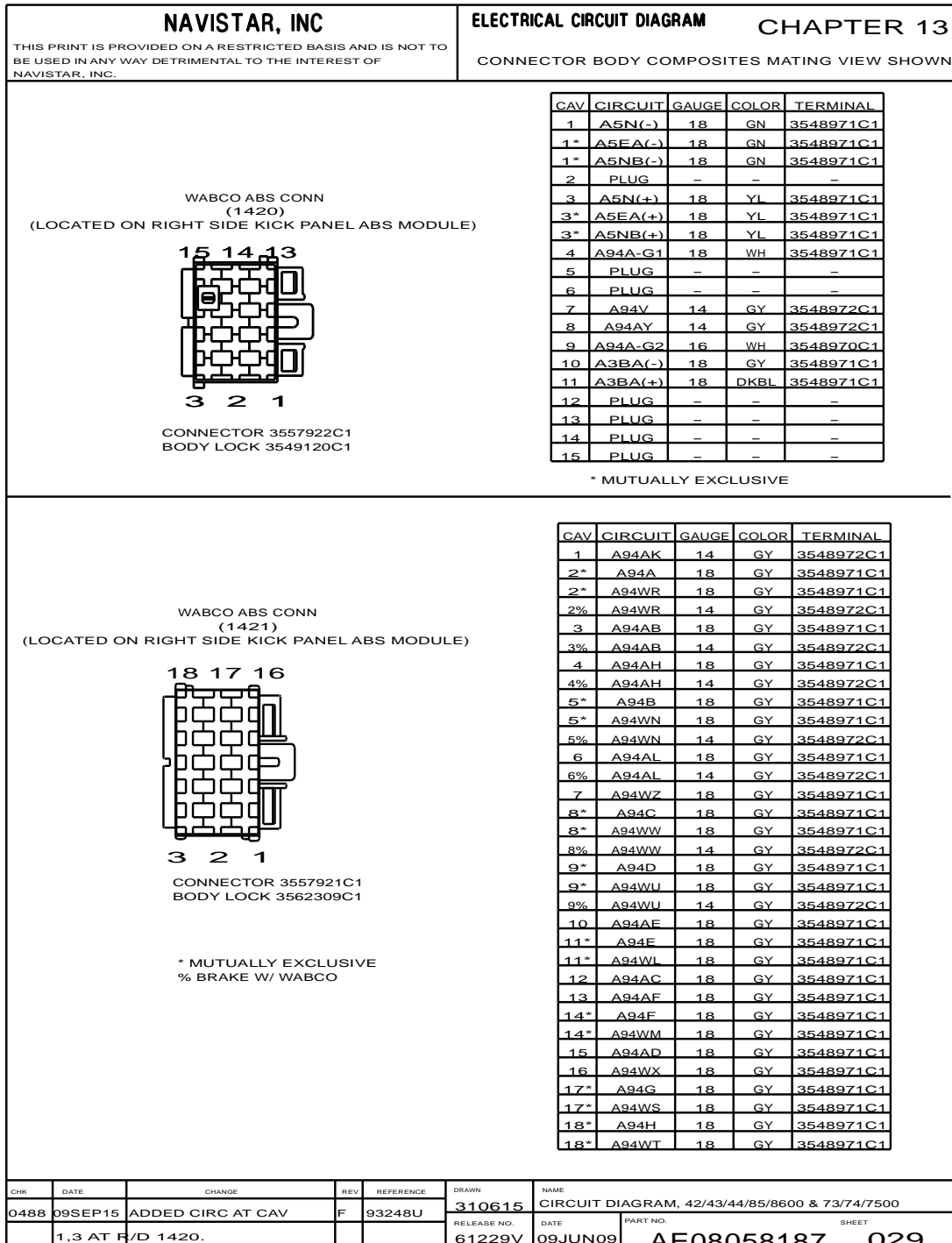


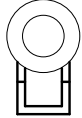
Figure 741 Connector Composites (1420), (1421)

13.66. CONNECTOR COMPOSITES (1422), (1423), (1500), P. 29A

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 13</b>	
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DCM BRAKES  
(1422)  
(LOCATED IN CAB)

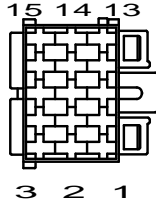


CONNECTOR 1669834C1  
BODY LOCK 1675053C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A12A	16	LTBL	2033911C1

WABCO ABS CONN  
(1423)  
(LOCATED ON RIGHT SIDE KICK  
PANEL ABS MODULE)



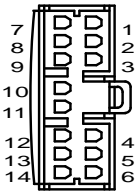
CONNECTOR 3548978C1  
BODY LOCK 3549120C1

% - W/ BRAKE - WABCO AIR ABC/AIR ATC

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	PLUG	-	-	-
2	A94WM	18	GY	3548971C1
3	A94WR	18	GY	3548971C1
3%	A94WR	14	GY	3548972C1
4	PLUG	-	-	-
5	A94WL	18	GY	3548971C1
6	A94WN	18	GY	3548971C1
6%	A94WN	14	GY	3548972C1
7	PLUG	-	-	-
8	PLUG	-	-	-
9	PLUG	-	-	-
10	PLUG	-	-	-
11	A94WS	18	GY	3548971C1
12	A94WW	18	GY	3548971C1
12%	A94WW	14	GY	3548972C1
13	PLUG	-	-	-
14	A94WT	18	GY	3548971C1
15	A94WU	18	GY	3548971C1
15%	A94WU	14	GY	3548972C1

CLUSTER CONNECTOR  
(1500)  
(LOCATED IN INSTRUMENT PANEL CENTER)



CONNECTOR 3548792C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A28-G	16	WH	2018639C1
2	A28	16	TN	2018639C1
3	PLUG	-	-	-
4	A62	18	DKBL	2018639C1
*5	A62DA	18	DKBL	2018639C1
*5	A62BD	18	DKBL	2018639C1
*6	A62P	18	DKBL	2018639C1
*6	A62BE	18	GY	2018639C1
7	A28A	18	TN	2018639C1
8	A110AD	18	GY	2018639C1
9	A72CA	18	OR	2018639C1
10	A72D	18	OR	2018639C1
11	PLUG	-	-	-
12	PLUG	-	-	-
13	PLUG	-	-	-
14	A52C	20	YL	2018639C1

* MUTUALLY EXCLUSIVE										
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME				
0488	25JUN14	ADDED CIRC A94WW AND	B	92603H	MJV0088	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500				
	A94WU	TO R/D 1423.			RELEASE NO.	DATE	PART NO.	SHEET		
					92218B	30JUL13	AE08058187	29A		

Figure 742 Connector Composites (1422), (1423), (1500)



13.67. CONNECTOR COMPOSITES (1501), P. 29B

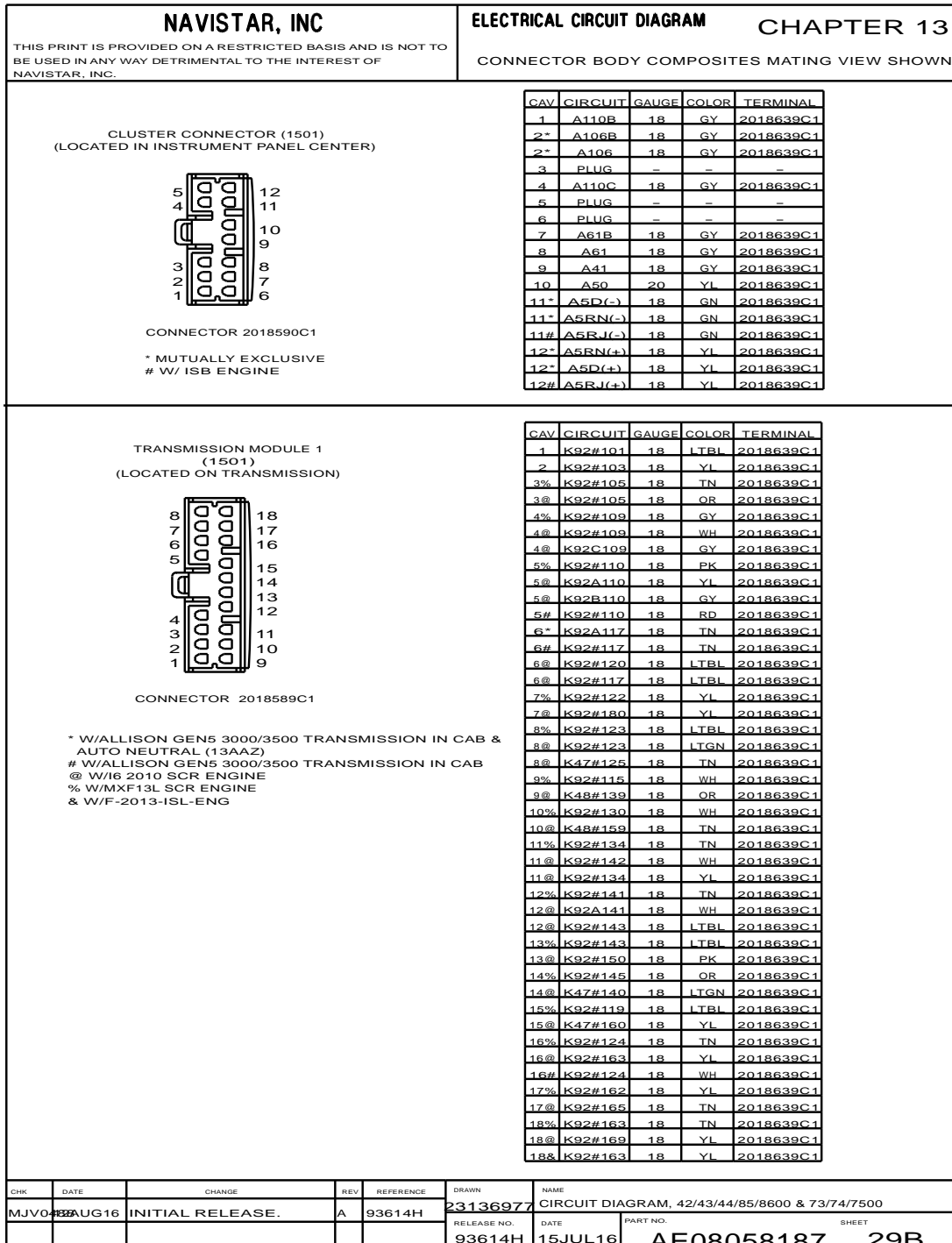


Figure 743 Connector Composites (1501)

13.68. CONNECTOR COMPOSITES (1501), P. 29C

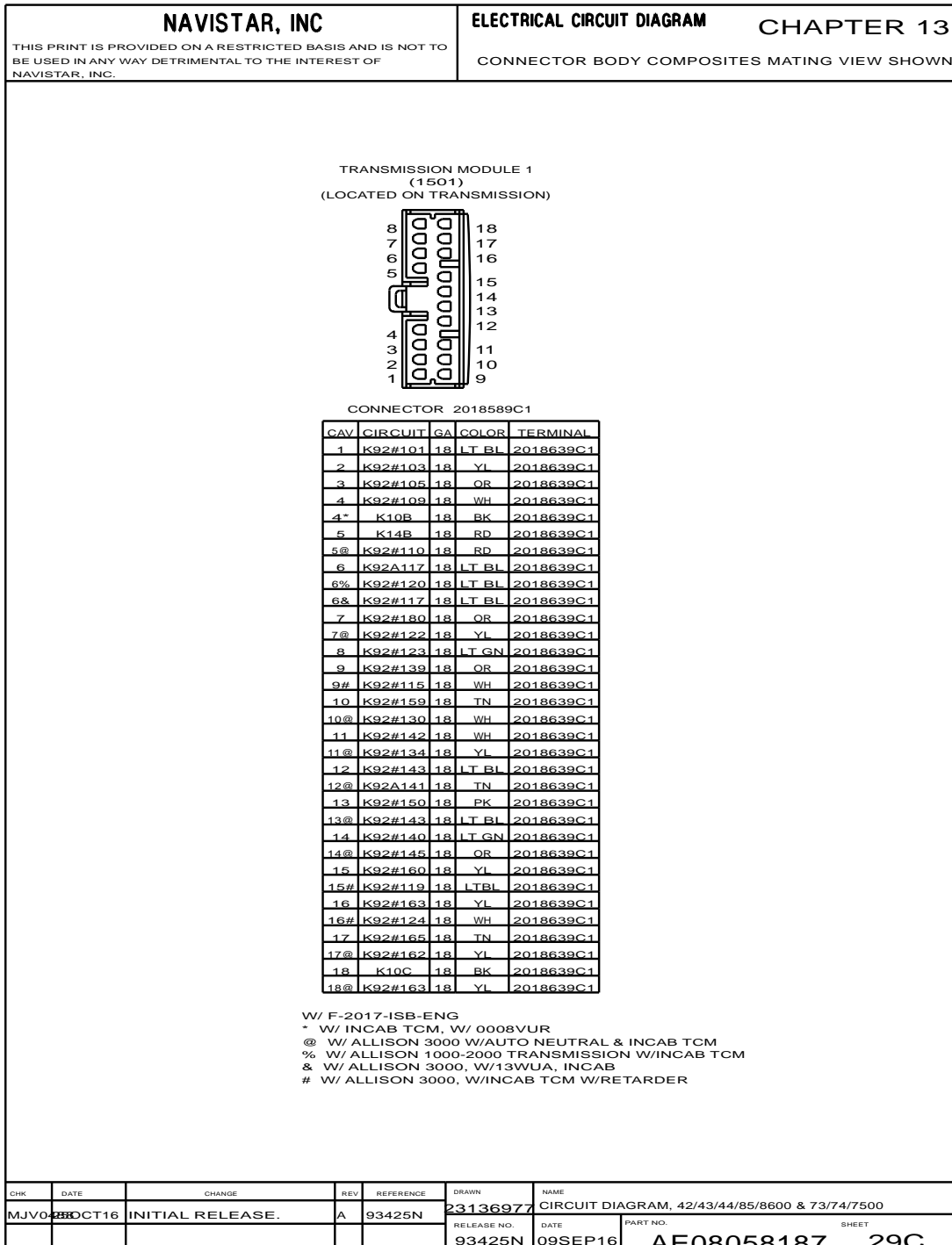


Figure 744 Connector Composites (1501)

13.69. CONNECTOR COMPOSITES (1502), P. 30

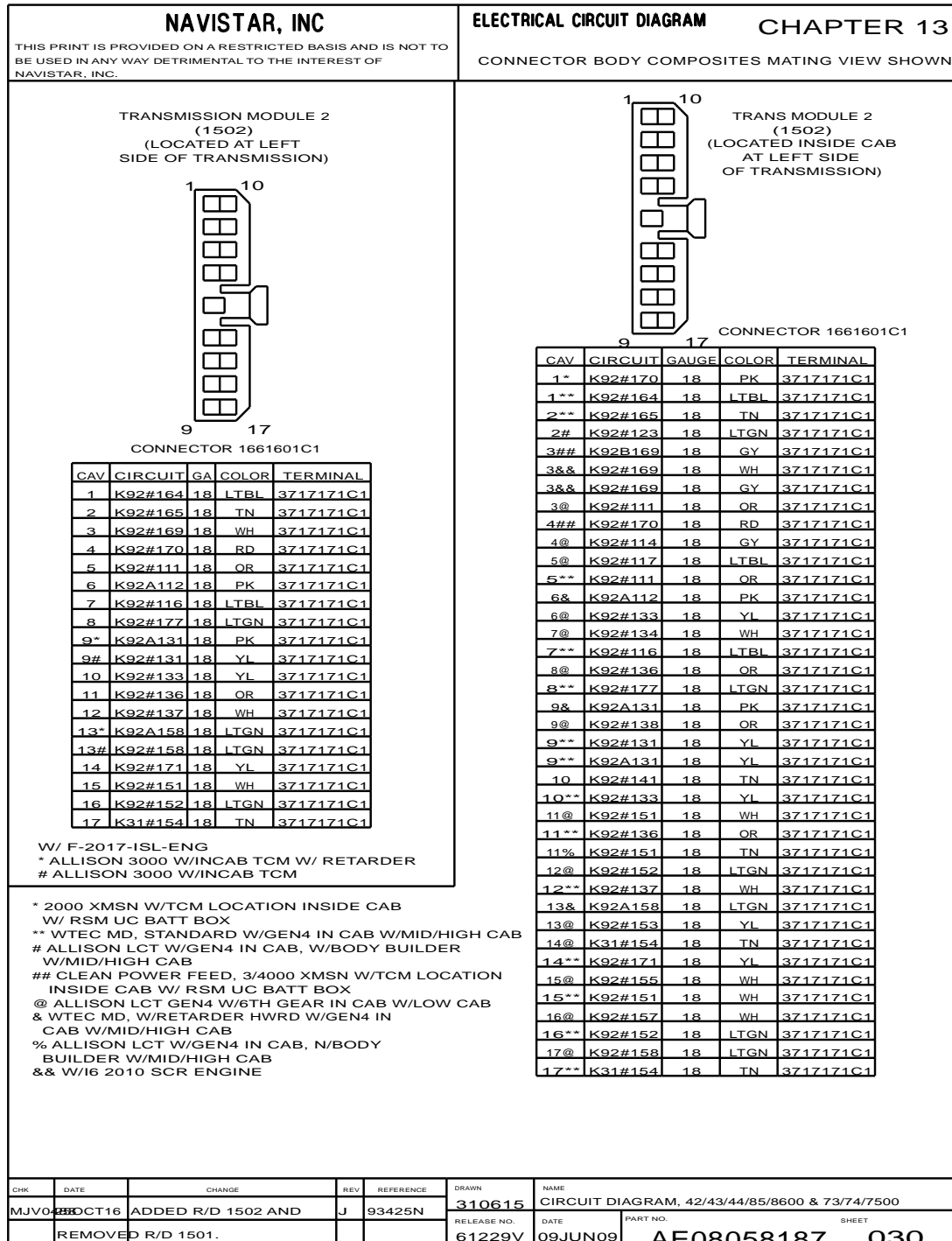


Figure 745 Connector Composites (1502)



13.71. CONNECTOR COMPOSITES (1503), P. 30B

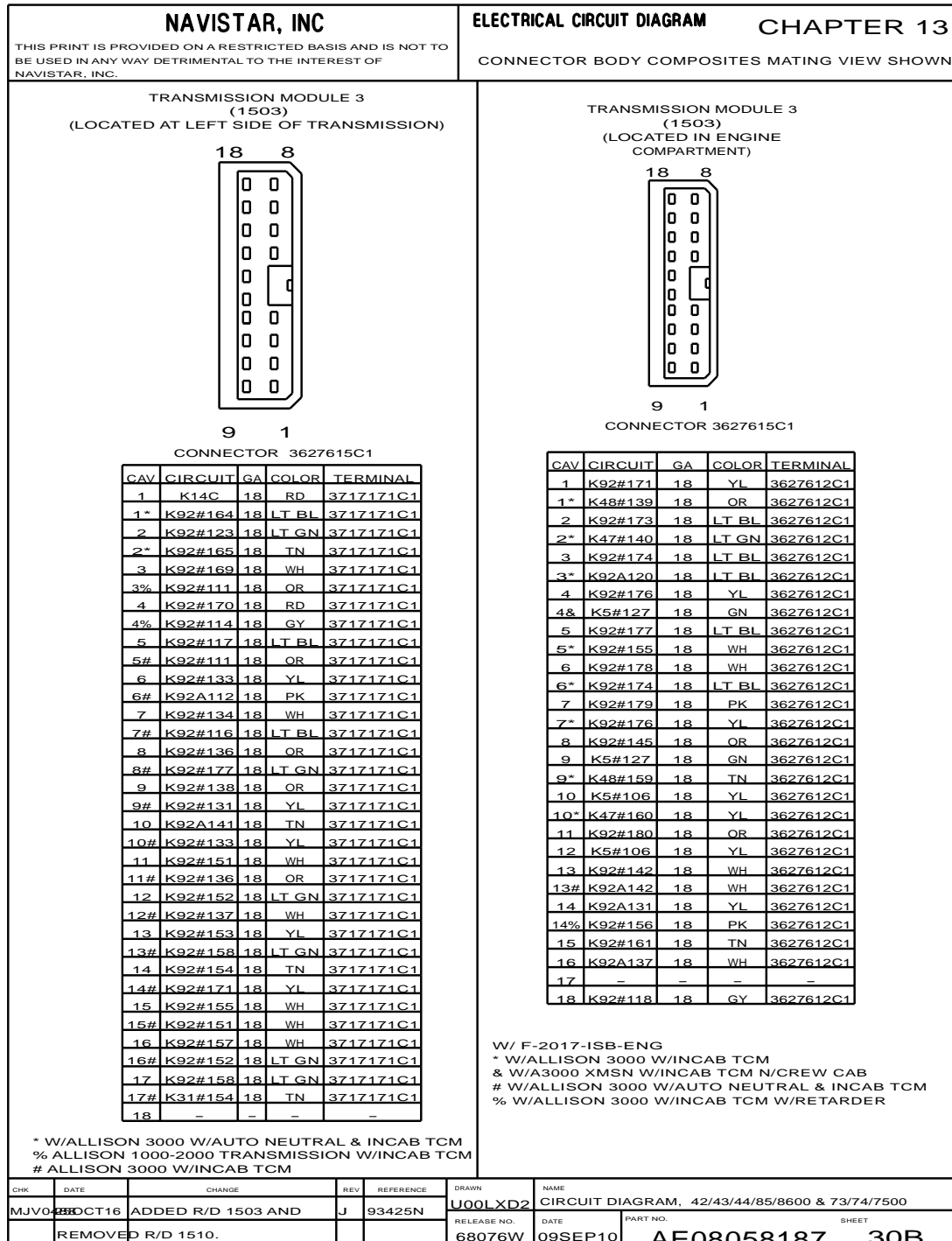


Figure 747 Connector Composites (1503)

13.72. CONNECTOR COMPOSITES (1510), (1511), (1512), (1559), P. 30C

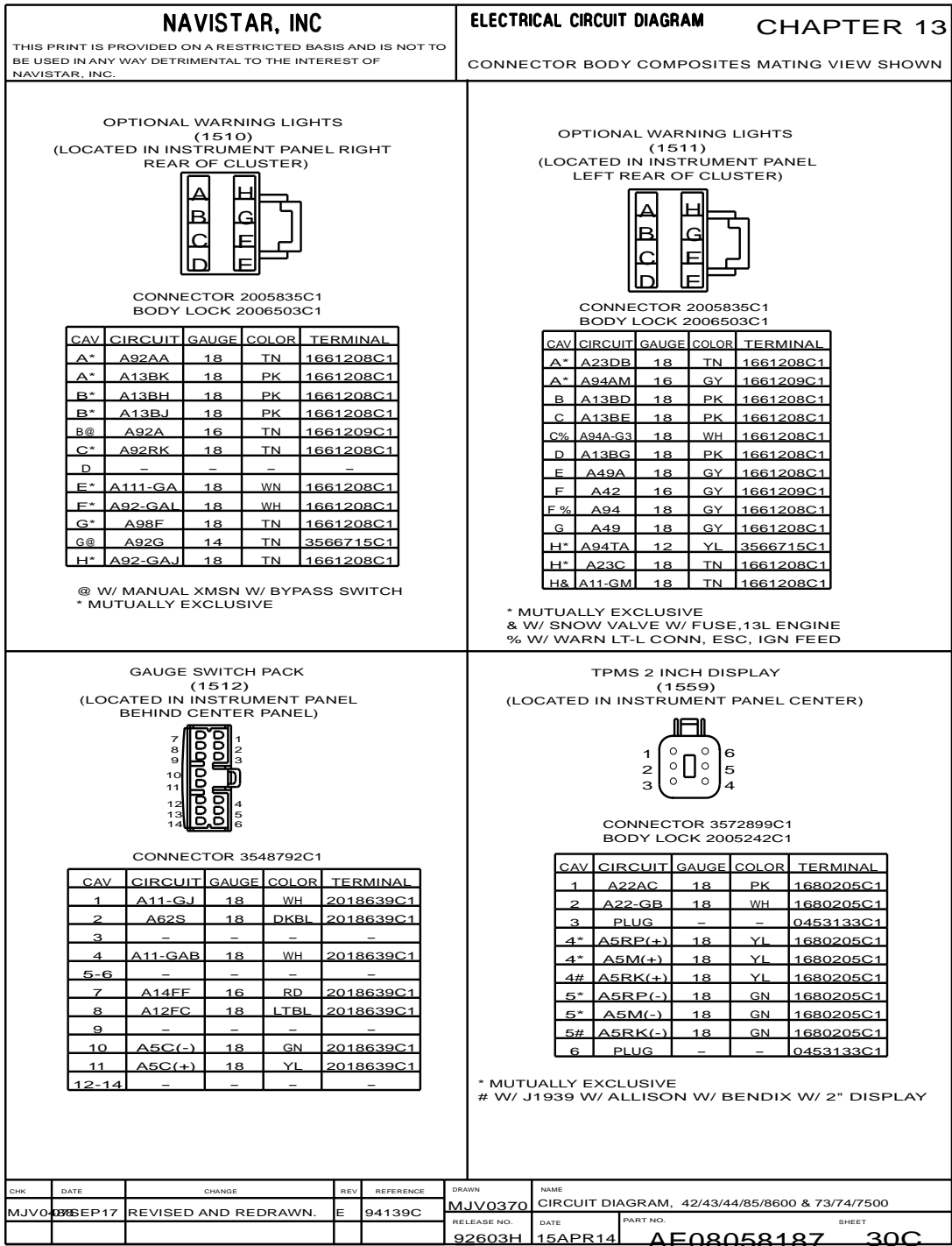


Figure 748 Connector Composites (1510), (1511), (1512), (1559)

13.73. CONNECTOR COMPOSITES (1600), P. 31

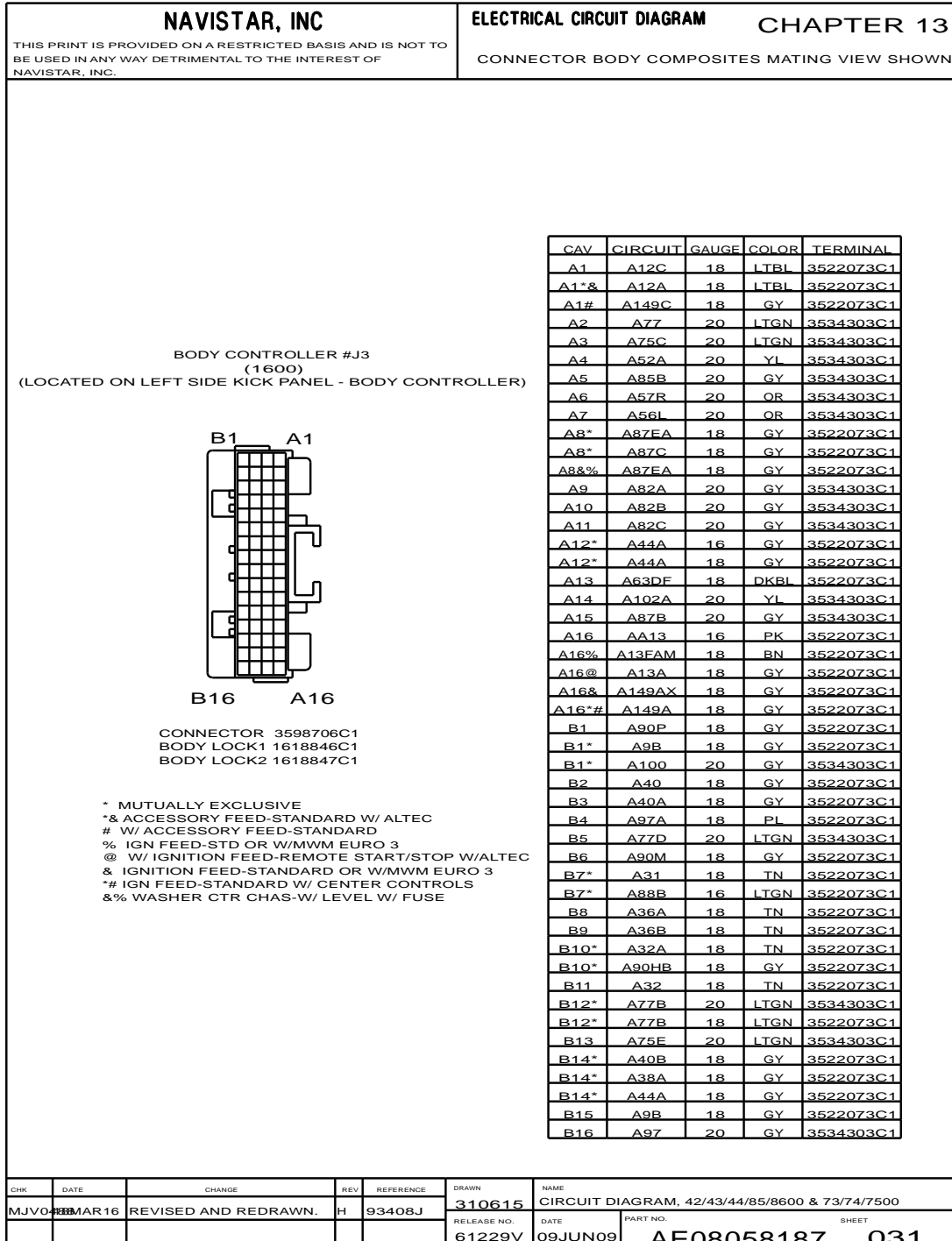


Figure 749 Connector Composites (1600)

13.74. CONNECTOR COMPOSITES (1601), P. 32

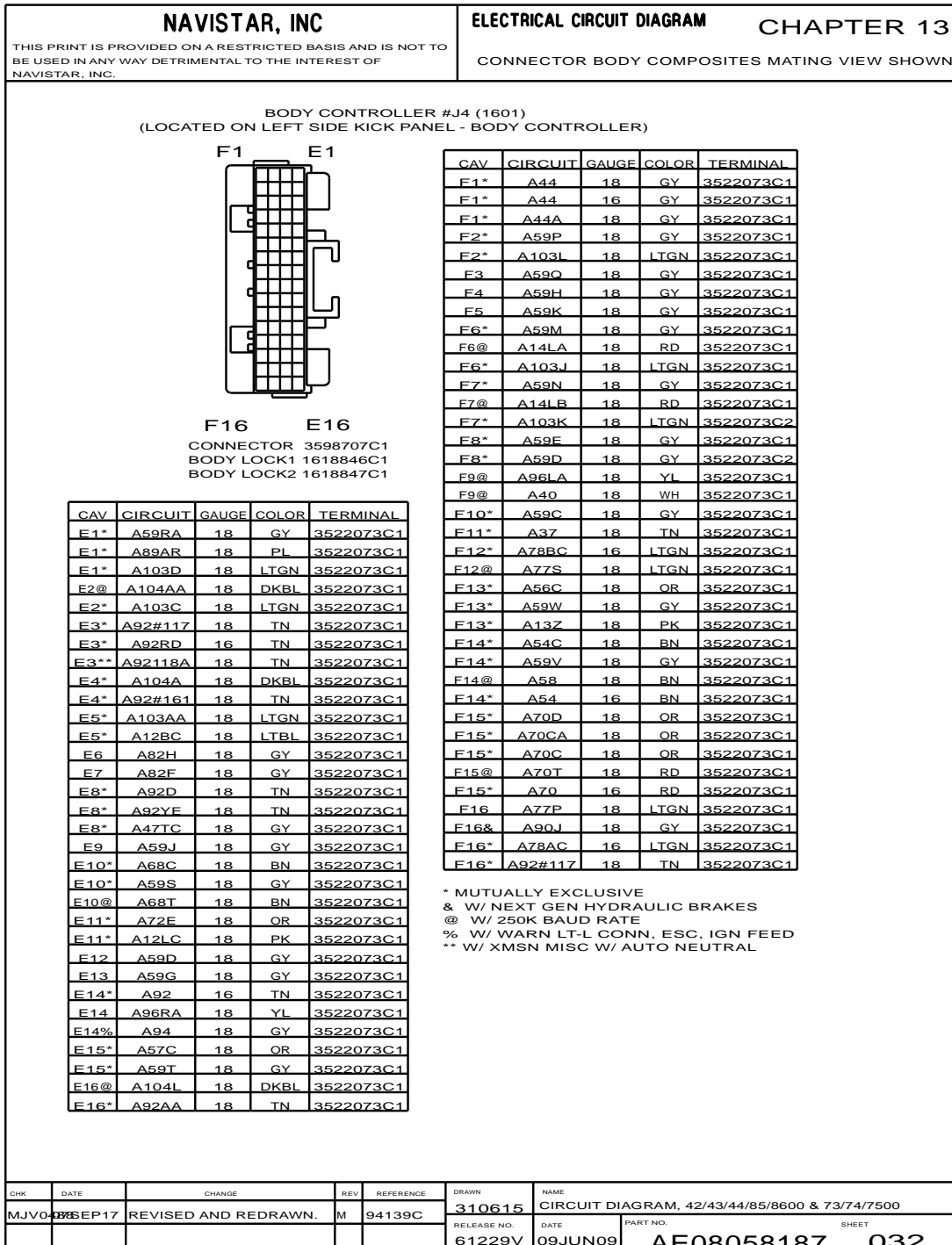


Figure 750 Connector Composites (1601)



13.75. CONNECTOR COMPOSITES (1602), P. 33

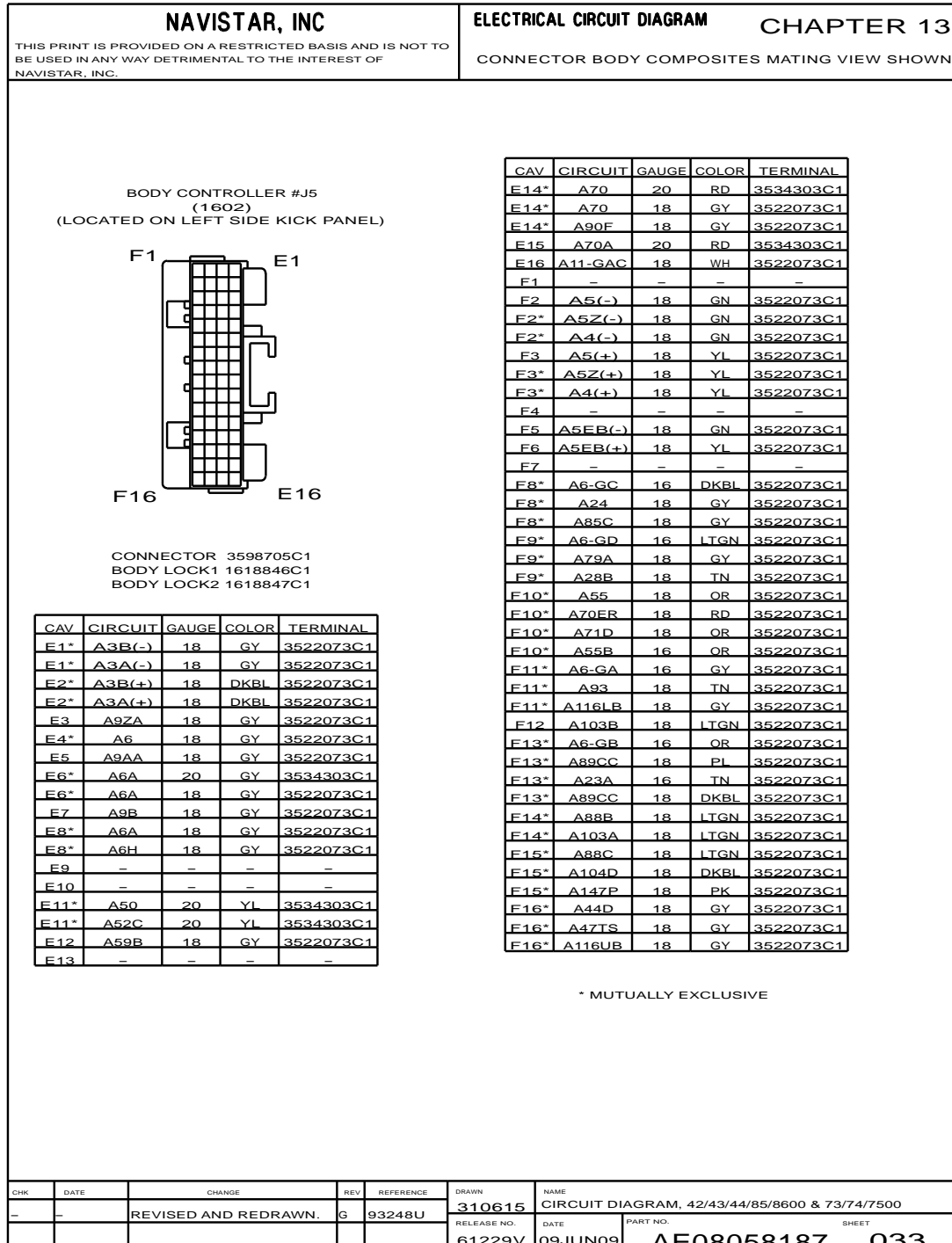


Figure 751 Connector Composites (1602)

13.76. CONNECTOR COMPOSITES (1603), (1604), (1606), P. 34

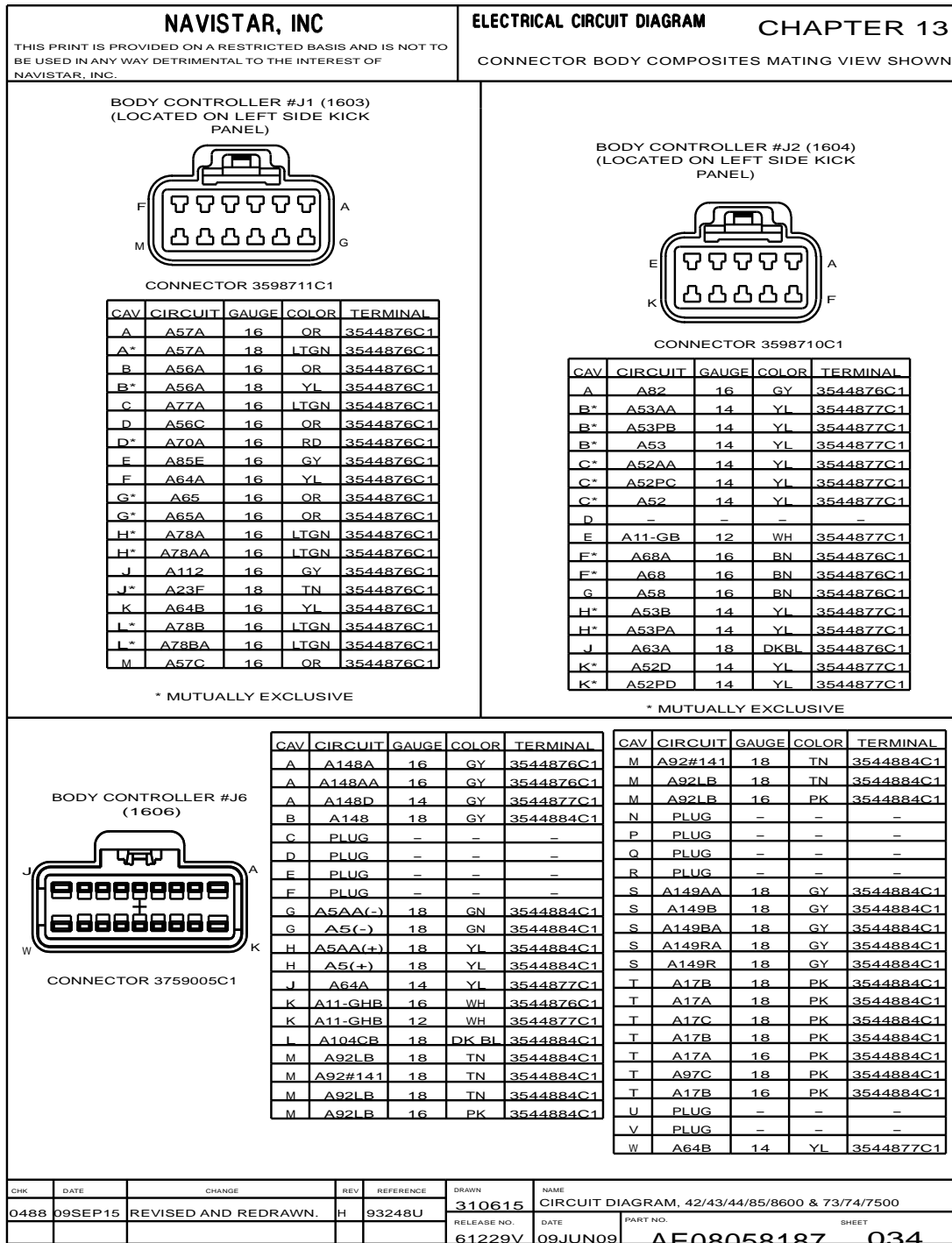


Figure 752 Connector Composites (1603), (1604), (1606)

13.77. CONNECTOR COMPOSITES (1607), (1625), (1626), P. 35

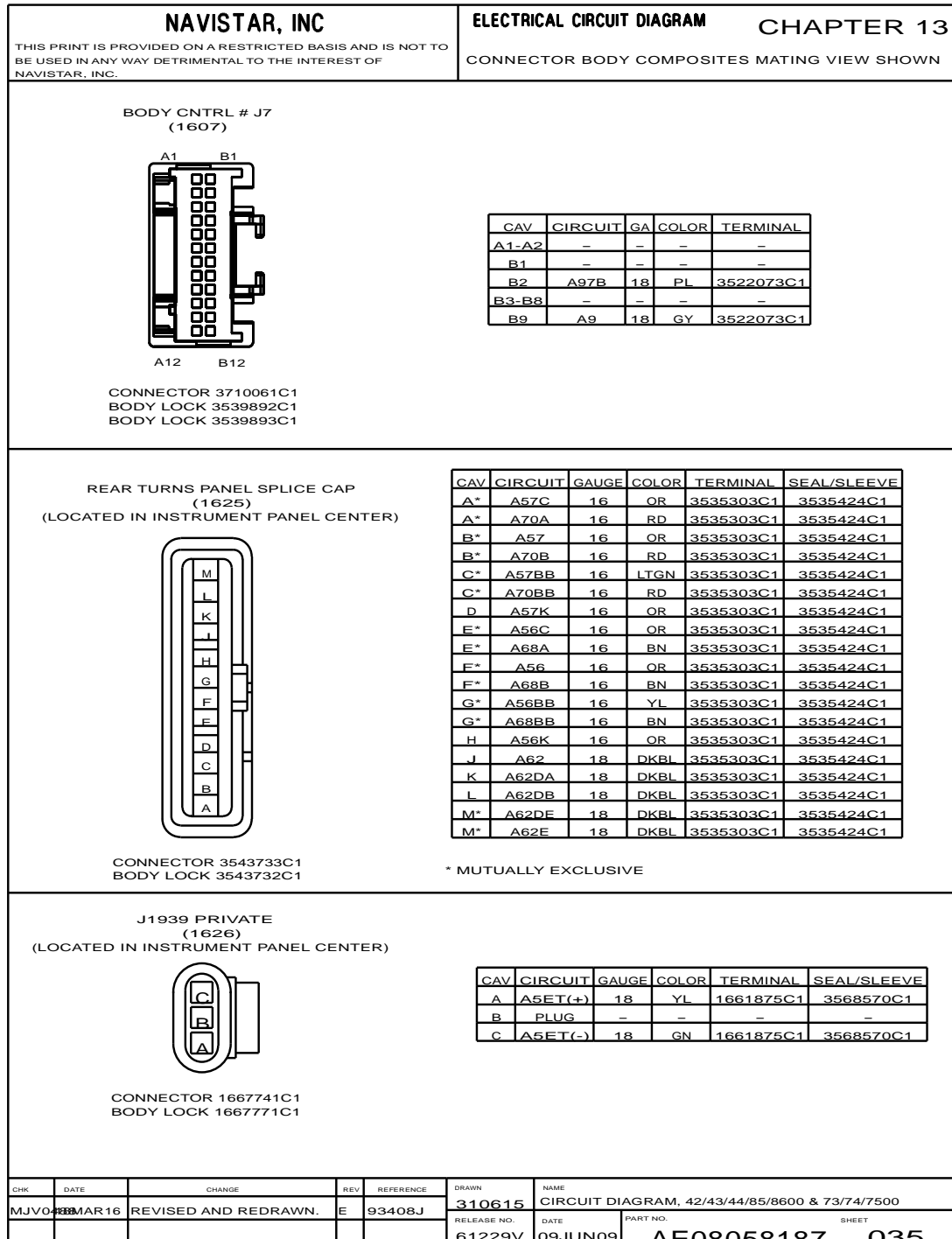


Figure 753 Connector Composites (1607), (1625), (1626)

13.78. CONNECTOR COMPOSITES (1650), (1657), (1657M), P. 35A

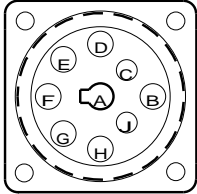
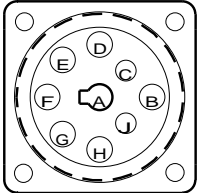
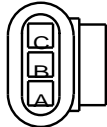
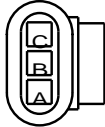
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Figure 754 Connector Composites (1650), (1657), (1657M)

13.79. CONNECTOR COMPOSITES (1658), (1658M), (1660), (1661), P. 36

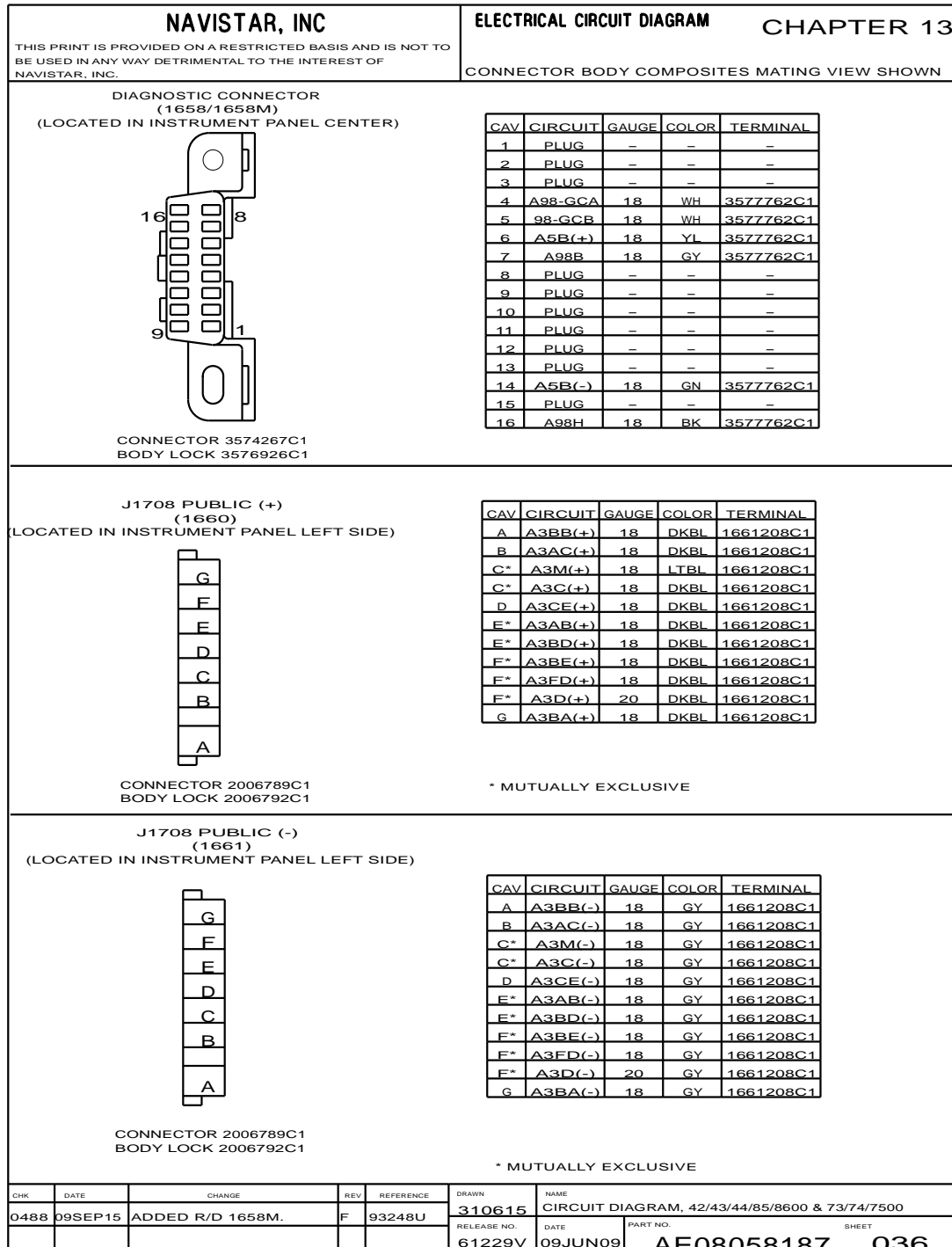


Figure 755 Connector Composites (1658), (1658M), (1660), (1661)

13.80. CONNECTOR COMPOSITES (1700), P. 37

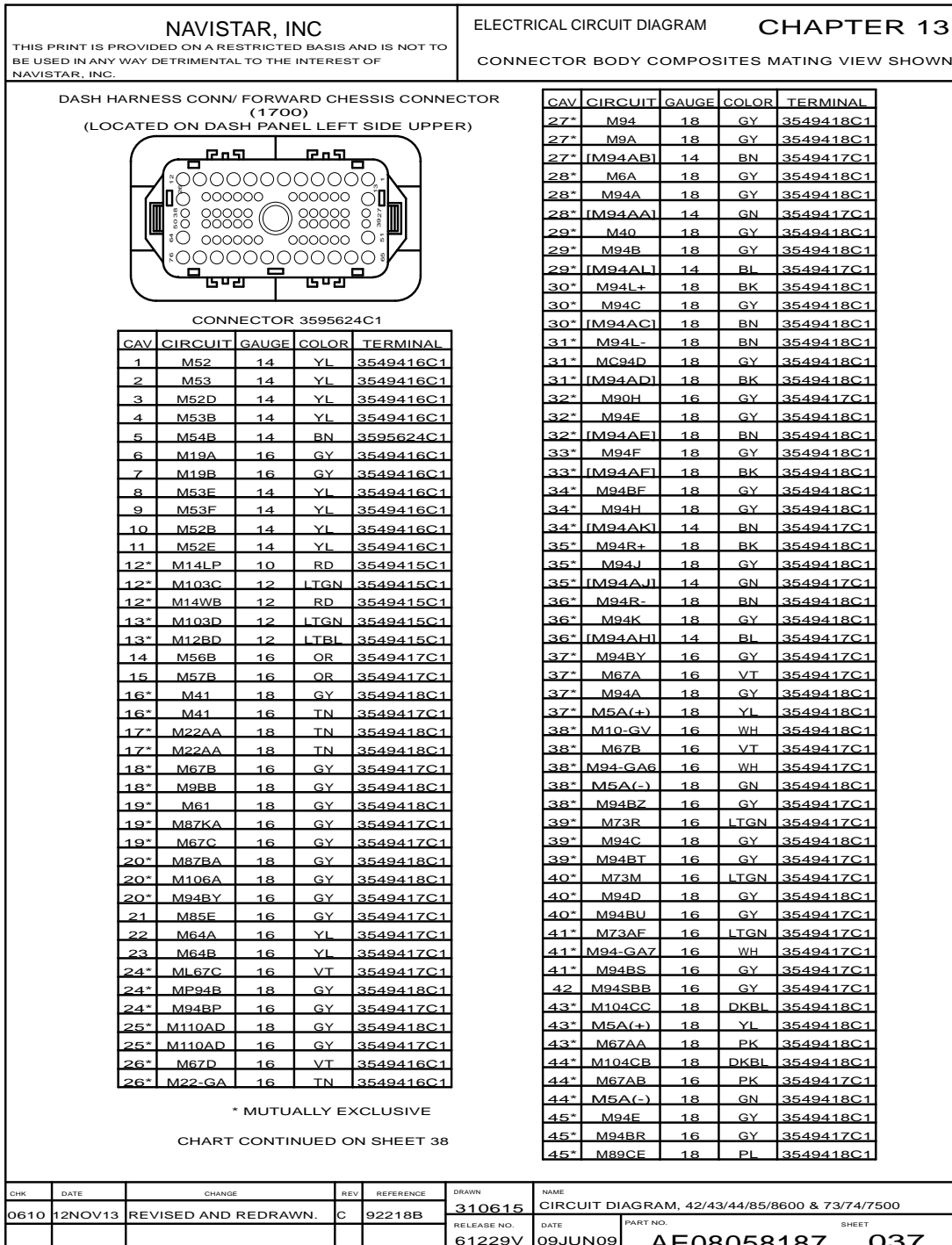


Figure 756 Connector Composites (1700)

13.81. CONNECTOR COMPOSITES (1700), P. 38

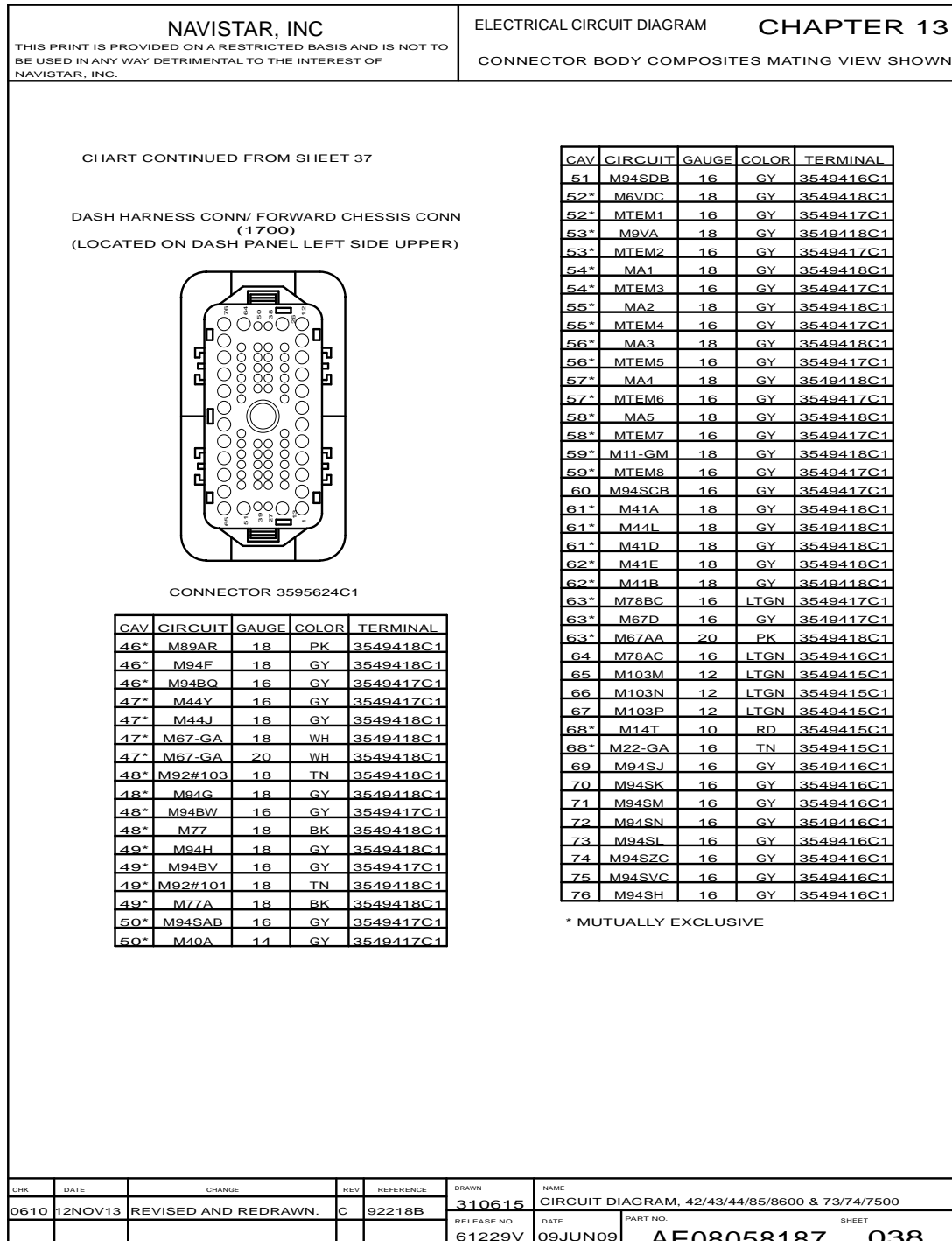


Figure 757 Connector Composites (1700)

13.82. CONNECTOR COMPOSITES (1700), P. 38A

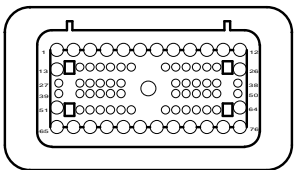
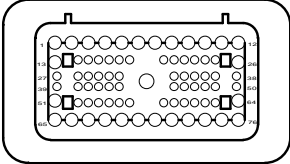
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39	M94BT	16	GY	3549417C1																																																																																																																																																																																																																																			
39	M94C	18	GY	3549418C1																																																																																																																																																																																																																																			
39	M73R	16	LTGN	3549417C1																																																																																																																																																																																																																																			
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>M52</td><td>14</td><td>YL</td><td>3549416C1</td></tr> <tr><td>2</td><td>M53</td><td>14</td><td>YL</td><td>3549416C1</td></tr> <tr><td>3</td><td>M52D</td><td>14</td><td>YL</td><td>3549416C1</td></tr> <tr><td>4</td><td>M53B</td><td>14</td><td>YL</td><td>3549416C1</td></tr> <tr><td>5</td><td>M54B</td><td>14</td><td>BN</td><td>3549416C1</td></tr> <tr><td>6*</td><td>IM19A</td><td>16</td><td>GY</td><td>3549416C1</td></tr> <tr><td>6#</td><td>M19</td><td>14</td><td>GY</td><td>3549416C1</td></tr> <tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>3598921C1</td></tr> <tr><td>8</td><td>M53E</td><td>14</td><td>YL</td><td>3549416C1</td></tr> <tr><td>8^</td><td>M64OL</td><td>14</td><td>YL</td><td>3549416C1</td></tr> <tr><td>9</td><td>M53F</td><td>14</td><td>YL</td><td>3549416C1</td></tr> <tr><td>9^</td><td>M64HI</td><td>14</td><td>YL</td><td>3549416C1</td></tr> <tr><td>10</td><td>M52B</td><td>14</td><td>YL</td><td>3549416C1</td></tr> <tr><td>11</td><td>M52E</td><td>14</td><td>YL</td><td>3549416C1</td></tr> <tr><td>12</td><td>M103C</td><td>12</td><td>LTGN</td><td>3549415C1</td></tr> <tr><td>13</td><td>M103D</td><td>12</td><td>LTGN</td><td>3549415C1</td></tr> <tr><td>14</td><td>M56B</td><td>16</td><td>OR</td><td>3549417C1</td></tr> <tr><td>15</td><td>M57B</td><td>16</td><td>OR</td><td>3549417C1</td></tr> <tr><td>16</td><td>PLUG</td><td>-</td><td>-</td><td>3598921C1</td></tr> <tr><td>17</td><td>M87C</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>18</td><td>M9BB</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>19</td><td>M87KA</td><td>16</td><td>GY</td><td>3549417C1</td></tr> <tr><td>20</td><td>M87BA</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>21</td><td>M85E</td><td>16</td><td>GY</td><td>3549417C1</td></tr> <tr><td>22</td><td>M64A</td><td>16</td><td>YL</td><td>3549417C1</td></tr> <tr><td>23</td><td>M64B</td><td>16</td><td>YL</td><td>3549417C1</td></tr> <tr><td>24</td><td>M94BP</td><td>16</td><td>GY</td><td>3549417C1</td></tr> <tr><td>24^</td><td>M67AA</td><td>20</td><td>PK</td><td>3549418C1</td></tr> <tr><td>24</td><td>M94B</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>24</td><td>M67C</td><td>16</td><td>VT</td><td>3549417C1</td></tr> <tr><td>25</td><td>PLUG</td><td>-</td><td>-</td><td>3598921C1</td></tr> <tr><td>26</td><td>PLUG</td><td>-</td><td>-</td><td>3598921C1</td></tr> <tr><td>27@</td><td>M94</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>27%</td><td>M94AB</td><td>14</td><td>GY</td><td>3549417C1</td></tr> <tr><td>27&amp;</td><td>M9A</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>28@</td><td>M94AA</td><td>14</td><td>GY</td><td>3549417C1</td></tr> <tr><td>28%</td><td>M94A</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>28&amp;</td><td>M6A</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>29@</td><td>M40</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>29%</td><td>M94B</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>29&amp;</td><td>M94AL</td><td>14</td><td>GY</td><td>3549417C1</td></tr> <tr><td>30@</td><td>M94C</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>30**</td><td>M94L(+)</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>30%</td><td>M94AC</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>31@</td><td>M94D</td><td>18</td><td>GY</td><td>3549418C1</td></tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	M52	14	YL	3549416C1	2	M53	14	YL	3549416C1	3	M52D	14	YL	3549416C1	4	M53B	14	YL	3549416C1	5	M54B	14	BN	3549416C1	6*	IM19A	16	GY	3549416C1	6#	M19	14	GY	3549416C1	7	PLUG	-	-	3598921C1	8	M53E	14	YL	3549416C1	8^	M64OL	14	YL	3549416C1	9	M53F	14	YL	3549416C1	9^	M64HI	14	YL	3549416C1	10	M52B	14	YL	3549416C1	11	M52E	14	YL	3549416C1	12	M103C	12	LTGN	3549415C1	13	M103D	12	LTGN	3549415C1	14	M56B	16	OR	3549417C1	15	M57B	16	OR	3549417C1	16	PLUG	-	-	3598921C1	17	M87C	18	GY	3549418C1	18	M9BB	18	GY	3549418C1	19	M87KA	16	GY	3549417C1	20	M87BA	18	GY	3549418C1	21	M85E	16	GY	3549417C1	22	M64A	16	YL	3549417C1	23	M64B	16	YL	3549417C1	24	M94BP	16	GY	3549417C1	24^	M67AA	20	PK	3549418C1	24	M94B	18	GY	3549418C1	24	M67C	16	VT	3549417C1	25	PLUG	-	-	3598921C1	26	PLUG	-	-	3598921C1	27@	M94	18	GY	3549418C1	27%	M94AB	14	GY	3549417C1	27&	M9A	18	GY	3549418C1	28@	M94AA	14	GY	3549417C1	28%	M94A	18	GY	3549418C1	28&	M6A	18	GY	3549418C1	29@	M40	18	GY	3549418C1	29%	M94B	18	GY	3549418C1	29&	M94AL	14	GY	3549417C1	30@	M94C	18	GY	3549418C1	30**	M94L(+)	18	GY	3549418C1	30%	M94AC	18	GY	3549418C1	31@	M94D	18	GY	3549418C1	<p>* DUAL FUEL/WATER SEPARATOR, LOW CAB/MID CAB                  # FUEL/WATER SEPARATOR, MID CAB                  @ BENDIX AIR ABS, LOW CAB                  % WABCO AIR ABS, LOW CAB                  &amp; COMPRESSOR/TANK FOR HYD CHASSIS                  ** WABCO HYD ABS, LOW CAB                  ## BENDIX ABS 6CH N/ADV                  ^ W/SNOW PLOW LIGHTS</p>
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																																																																																																																																																			
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28&	M6A	18	GY	3549418C1																																																																																																																																																																																																																																			
29@	M40	18	GY	3549418C1																																																																																																																																																																																																																																			
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29&	M94AL	14	GY	3549417C1																																																																																																																																																																																																																																			
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30**	M94L(+)	18	GY	3549418C1																																																																																																																																																																																																																																			
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31@	M94D	18	GY	3549418C1																																																																																																																																																																																																																																			
<p>CHART CONT ON SHEET 38B</p>																																																																																																																																																																																																																																							
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Figure 758 Connector Composites (1700)



13.83. CONNECTOR COMPOSITES (1700), P. 38B

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 13</b>	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN			
CHART CONT FROM SHEET 38A							
DASH HARNESS CONNECTOR (1700) (LOCATED IN DASH PANEL LEFT SIDE UPPER)							
							
CONNECTOR 3595624C1							
<p>@@ WHEELCHAIR LIFT INTERLOCK                  %% AUTO APPLY PARK BRAKE                  ^ W/SNOW FLOW LIGHTS                  *** BENDIX ABS 4CH W/ADV                  &amp;&amp; ELEC COMPRESSOR FOR HYD CHASSIS                  ## BENDIX ABS 6CH N/ADV                  * W/COLLISION AVOIDANCE BENDIX WINGMAN &amp; W/J1939 BACKBONE</p>							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL			
40	M94BU	16	GY	3549417C1			
40	M94D	18	GY	3549418C1			
40	M73M	16	LTGN	3549417C1			
41	M94BS	16	GY	3549417C1			
41	M94-GA7	16	WH	3549417C1			
41	M73AF	16	LTGN	3549417C1			
42	M94SBB	16	GY	3549417C1			
43	M104CC	18	DKBL	3549418C1			
44	M104CB	18	DKBL	3549418C1			
45	M94BR	16	GY	3549417C1			
45	M94E	18	GY	3549418C1			
46	M94F	18	GY	3549418C1			
46	M94BQ	16	GY	3549417C1			
47@@	M44Y	16	GY	3549417C1			
47%#	M44J	18	GY	3549418C1			
47^	M67-GA	20	WH	3549418C1			
47	M67-GA	18	WH	3549418C1			
48@@	M92#103	18	TN	3549418C1			
48##	M94BW	16	GY	3549417C1			
48	M77	18	BK	3549418C1			
48	M94G	18	GY	3549418C1			
49@@	M92#101	18	TN	3549418C1			
49##	M94BV	16	GY	3549417C1			
49	M94H	18	GY	3549418C1			
49	M77A	18	BK	3549418C1			
50&&	M40A	14	GY	3549417C1			
50***	M94SAB	16	GY	3549417C1			
51	M94SDB	16	GY	3549416C1			
52	MTEM1	16	GY	3549417C1			
53	MTEM2	16	GY	3549417C1			
54	MTEM3	16	GY	3549417C1			
55	MTEM4	16	GY	3549417C1			
56	MTEM5	16	GY	3549417C1			
57	MTEM6	16	GY	3549417C1			
58	MTEM7	16	GY	3549417C1			
59	MTEM8	16	GY	3549417C1			
60	M94SCB	16	GY	3549417C1			
61	M44L	18	GY	3549418C1			
61*	M5A(-)	18	GN	3549418C1			
61*	M5C(-)	18	GN	3549418C1			
62*	M5A(+)	18	YL	3549418C1			
62*	M5C(+)	18	YL	3549418C1			
63	M78BC	16	LTGN	3549417C1			
64	M78AC	16	LTGN	3549416C1			
65	M103M	12	LTGN	3549415C1			
66	M103N	12	LTGN	3549415C1			
67	M103P	12	LTGN	3549415C1			
68	PLUG	-	-	3598921C1			
69	M94SJ	16	GY	3549416C1			
70	M94SK	16	GY	3549416C1			
71	M94SM	16	GY	3549416C1			
72	M94SN	16	GY	3549416C1			
73	M94SL	16	GY	3549416C1			
74	M94SZC	16	GY	3549416C1			
75	M94SVC	16	GY	3549416C1			
76	M94SH	16	GY	3549416C1			

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0488	24MAR15	ADDED CIRC M5A(+)/(-)	B	92927M	MJV0370	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
		& M5C(+)/(-) AT CAV 61,62.			RELEASE NO.	DATE
					92603H	16APR14
						PART NO. <b>AE08058187</b> SHEET <b>38B</b>

Figure 759 Connector Composites (1700)

13.84. CONNECTOR COMPOSITES (1700), P. 39

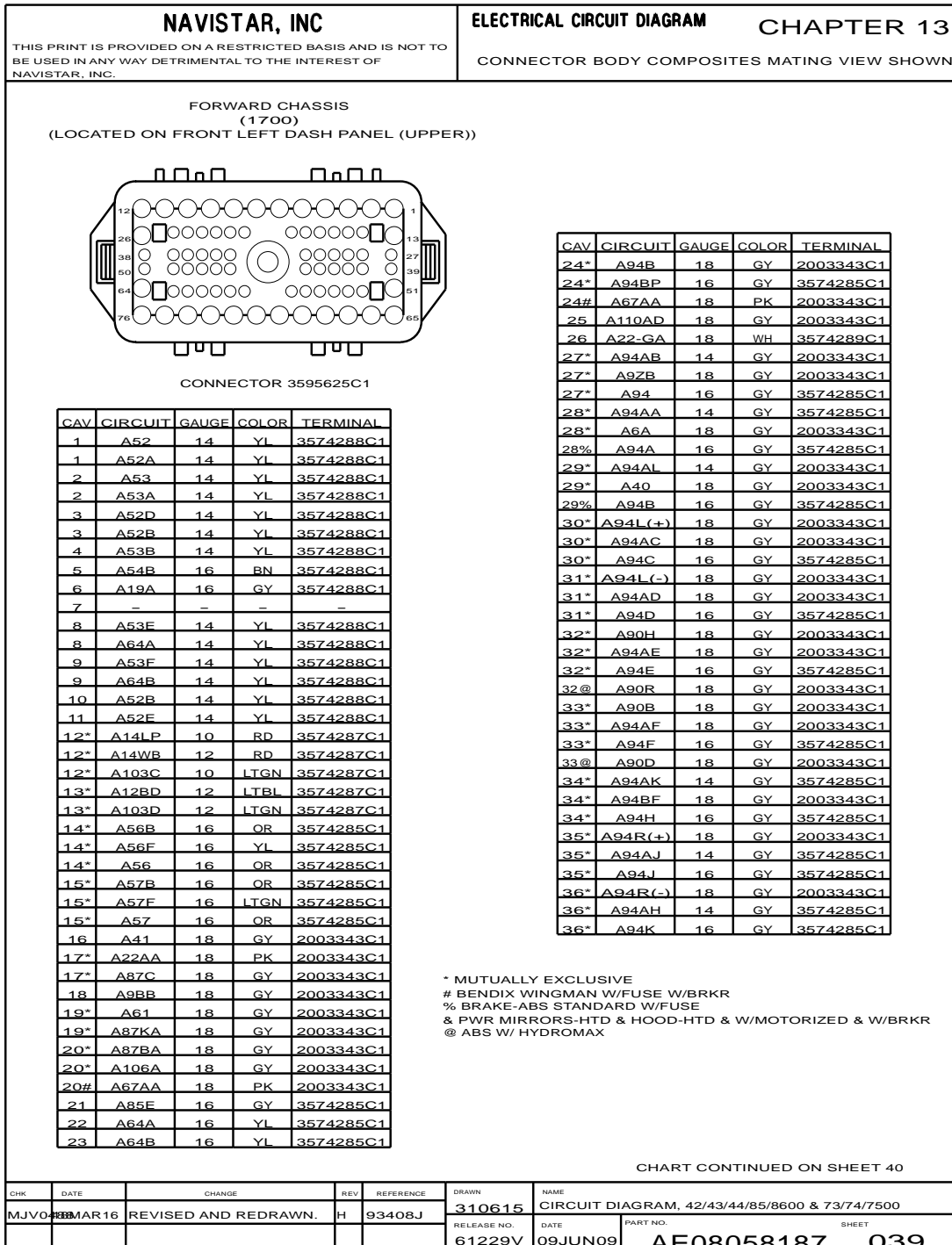


Figure 760 Connector Composites (1700)

13.85. CONNECTOR COMPOSITES (1700), P. 40

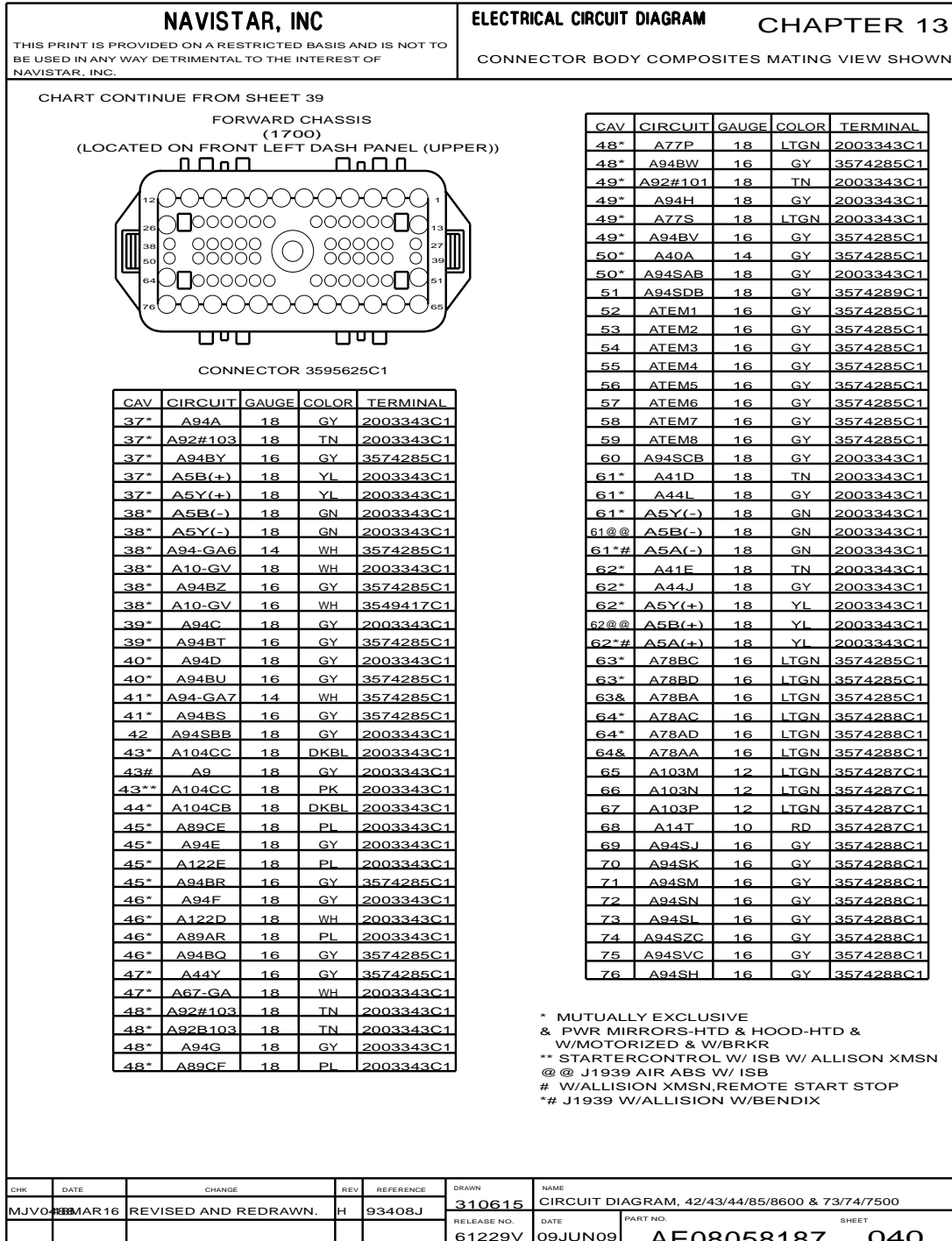


Figure 761 Connector Composites (1700)

13.86. CONNECTOR COMPOSITES (1701), P. 41

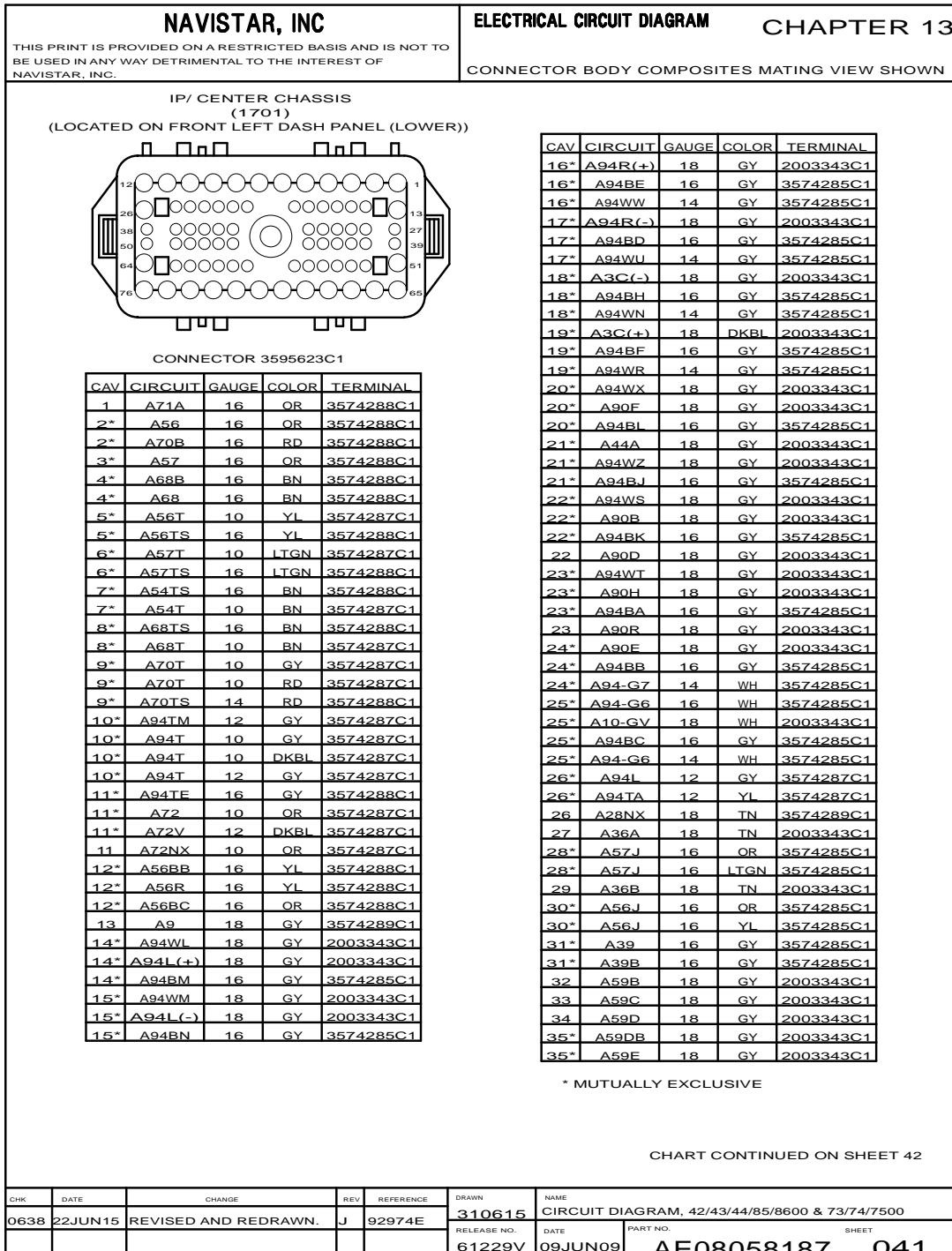


Figure 762 Connector Composites (1701)

13.87. CONNECTOR COMPOSITES (1701), P. 42

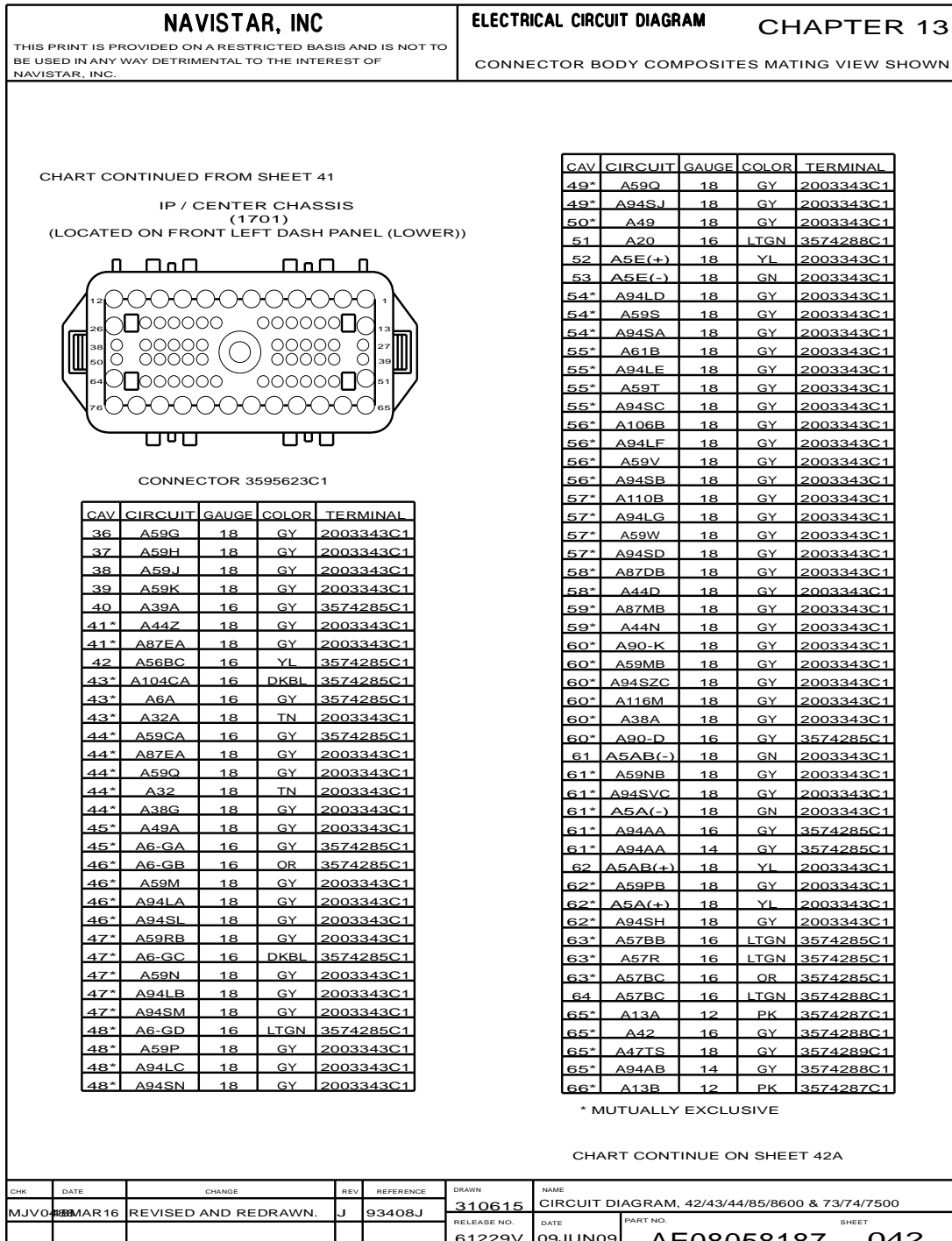


Figure 763 Connector Composites (1701)

13.88. CONNECTOR COMPOSITES (1701), P. 42A

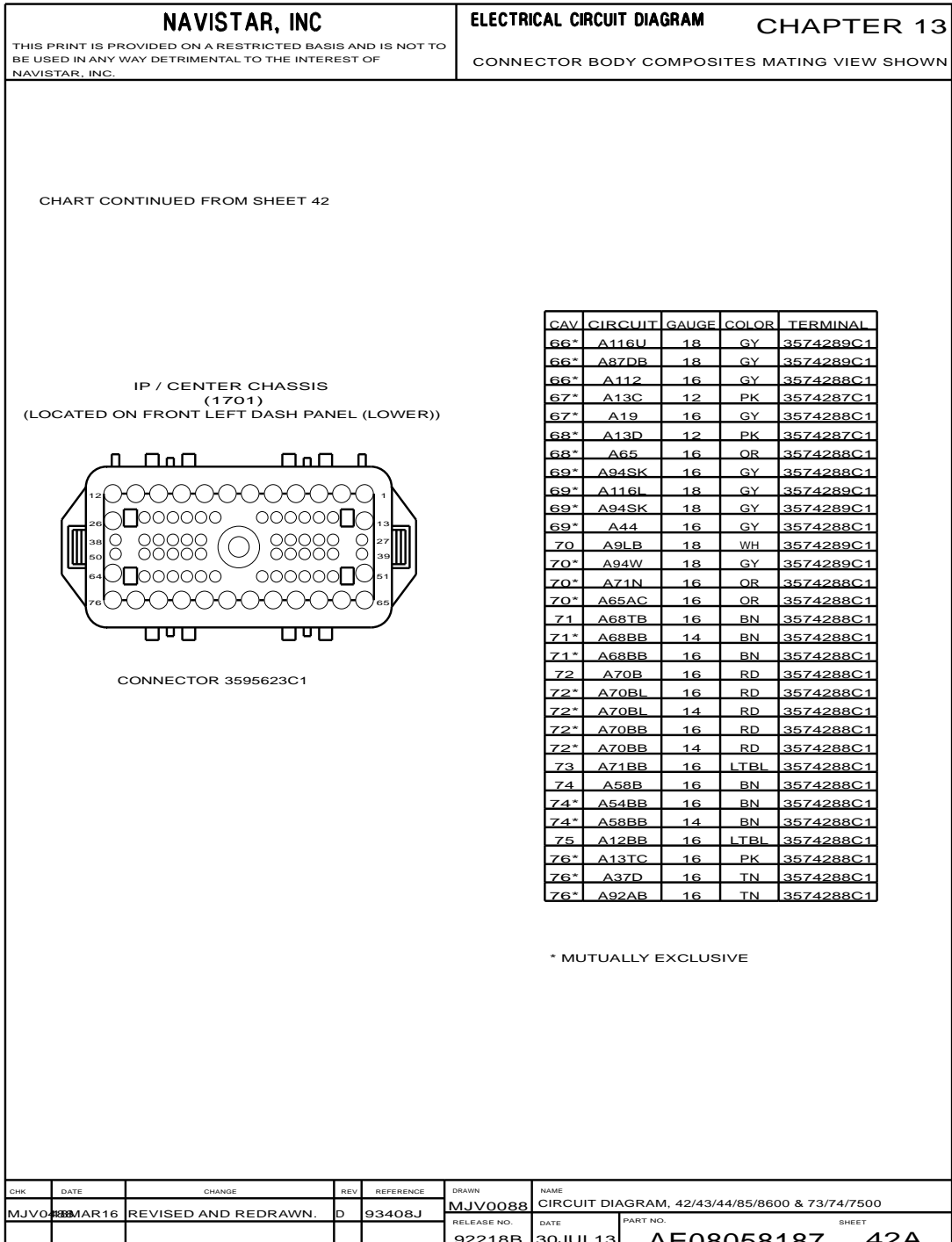


Figure 764 Connector Composites (1701)

13.89. CONNECTOR COMPOSITES (1701F), P. 43

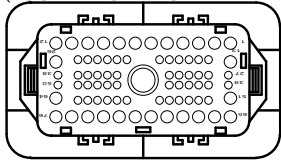
<p><b>NAVISTAR, INC</b></p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>	<p><b>ELECTRICAL CIRCUIT DIAGRAM</b></p> <p><b>CHAPTER 13</b></p> <p>CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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<tr><td>14##</td><td>N94L(+)</td><td>18</td><td>TN</td><td>3549418C1</td></tr> <tr><td>15*</td><td>N94BN</td><td>16</td><td>GY</td><td>3549417C1</td></tr> <tr><td>15#</td><td>N94WM</td><td>16</td><td>GY</td><td>3549417C1</td></tr> <tr><td>15@</td><td>N94L(-)</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>15##</td><td>N94L(-)</td><td>18</td><td>TN</td><td>3549418C1</td></tr> <tr><td>16*</td><td>N94BE</td><td>16</td><td>GY</td><td>3549417C1</td></tr> <tr><td>16#</td><td>N94WW</td><td>14</td><td>GY</td><td>3549417C1</td></tr> <tr><td>16@</td><td>N94R(+)</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>16##</td><td>N94R(+)</td><td>18</td><td>TN</td><td>3549418C1</td></tr> <tr><td>17*</td><td>N94BD</td><td>16</td><td>GY</td><td>3549417C1</td></tr> <tr><td>17#</td><td>N94WU</td><td>16</td><td>GY</td><td>3549417C1</td></tr> <tr><td>17@</td><td>N94R(-)</td><td>18</td><td>GY</td><td>3549418C1</td></tr> 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<tr><td>26%</td><td>N12-G</td><td>18</td><td>WH</td><td>3574277C1</td></tr> <tr><td>27</td><td>N36A</td><td>18</td><td>TN</td><td>3549418C1</td></tr> <tr><td>27&amp;</td><td>N36-B</td><td>18</td><td>TN</td><td>3549418C1</td></tr> <tr><td>27&amp;&amp;</td><td>N36-S</td><td>18</td><td>TN</td><td>3549418C1</td></tr> <tr><td>28#</td><td>N10-GC</td><td>16</td><td>WH</td><td>3549417C1</td></tr> <tr><td>29*</td><td>N36A</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>29*</td><td>N36A</td><td>18</td><td>TN</td><td>3549418C1</td></tr> <tr><td>29*</td><td>N36B</td><td>18</td><td>TN</td><td>3549418C1</td></tr> <tr><td>30#</td><td>N56J</td><td>16</td><td>OR</td><td>3549417C1</td></tr> <tr><td>31*</td><td>N39B</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>31*</td><td>N39B</td><td>16</td><td>GY</td><td>3549417C1</td></tr> <tr><td>32*</td><td>N59B</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>32#</td><td>N59C</td><td>18</td><td>GY</td><td>3549418C1</td></tr> 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TANK FOR MEDIUM CAB  &amp; DUAL UN CAB TANK FOR HIGH CAB  % W/WABCO AIR ABS  ** SOLENOID AIR, SPACK 6X4, W/FOS TANKS  ## NEXT GENERATION HYDRAULIC BRAKES</p>	CAV	CIRC	GAUGE	COLOR	TERMINAL	21#	N94WZ	18	GY	3549418C1	21@	N44A	18	GY	3549418C1	22*	N94BK	16	GY	3549417C1	22#	N94WS	14	GY	3549417C1	22@	N90BA	18	GY	3549418C1	23*	N94BA	16	GY	3549417C1	23#	N94WT	16	GY	3549417C1	23@	N90H	18	GY	3549418C1	24*	N94BB	16	GY	3549417C1	24#	N94-G7	16	WH	3549417C1	24@	N90E	18	GY	3549418C1	24@	N90E	16	GY	3549417C1	24%	N94-G7	14	GY	3549417C1	24%	N94C	14	GY	3549417C1	25*	N94BC	16	GY	3549417C1	25#	N94-G6	14	WH	3549417C1	25@	N10-GV	16	WH	3549417C1	25@	N10-GV	18	WH	3549418C1	25%	N94-G6	14	GY	3549417C1	25%	N94A	14	GY	3549417C1	26*	N94TA	12	YL	3549415C1	26*	N94L	12	GY	3549415C1	26@@	N94L	10	GY	3549415C1	26%	N12-G	18	WH	3574277C1	27	N36A	18	TN	3549418C1	27&	N36-B	18	TN	3549418C1	27&&	N36-S	18	TN	3549418C1	28#	N10-GC	16	WH	3549417C1	29*	N36A	18	GY	3549418C1	29*	N36A	18	TN	3549418C1	29*	N36B	18	TN	3549418C1	30#	N56J	16	OR	3549417C1	31*	N39B	18	GY	3549418C1	31*	N39B	16	GY	3549417C1	32*	N59B	18	GY	3549418C1	32#	N59C	18	GY	3549418C1	33	N59C	18	GY	3549418C1	34	N59D	18	GY	3549418C1	35	N59E	18	GY	3549418C1	36	N59G	18	GY	3549418C1	36**	N59G	14	WH	3549417C1	37	N59H	18	GY	3549418C1	38	N59J	18	GY	3549418C1	39	N59K	18	GY	3549418C1	40	N39A	18	GY	3549418C1	41*	N87EA	18	GY	3549418C1	41*	N44N	18	GY	3549418C1	42	N56BC	16	YL	3549417C1
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Figure 765 Connector Composites (1701F)

13.90. CONNECTOR COMPOSITES (1701F), P. 44

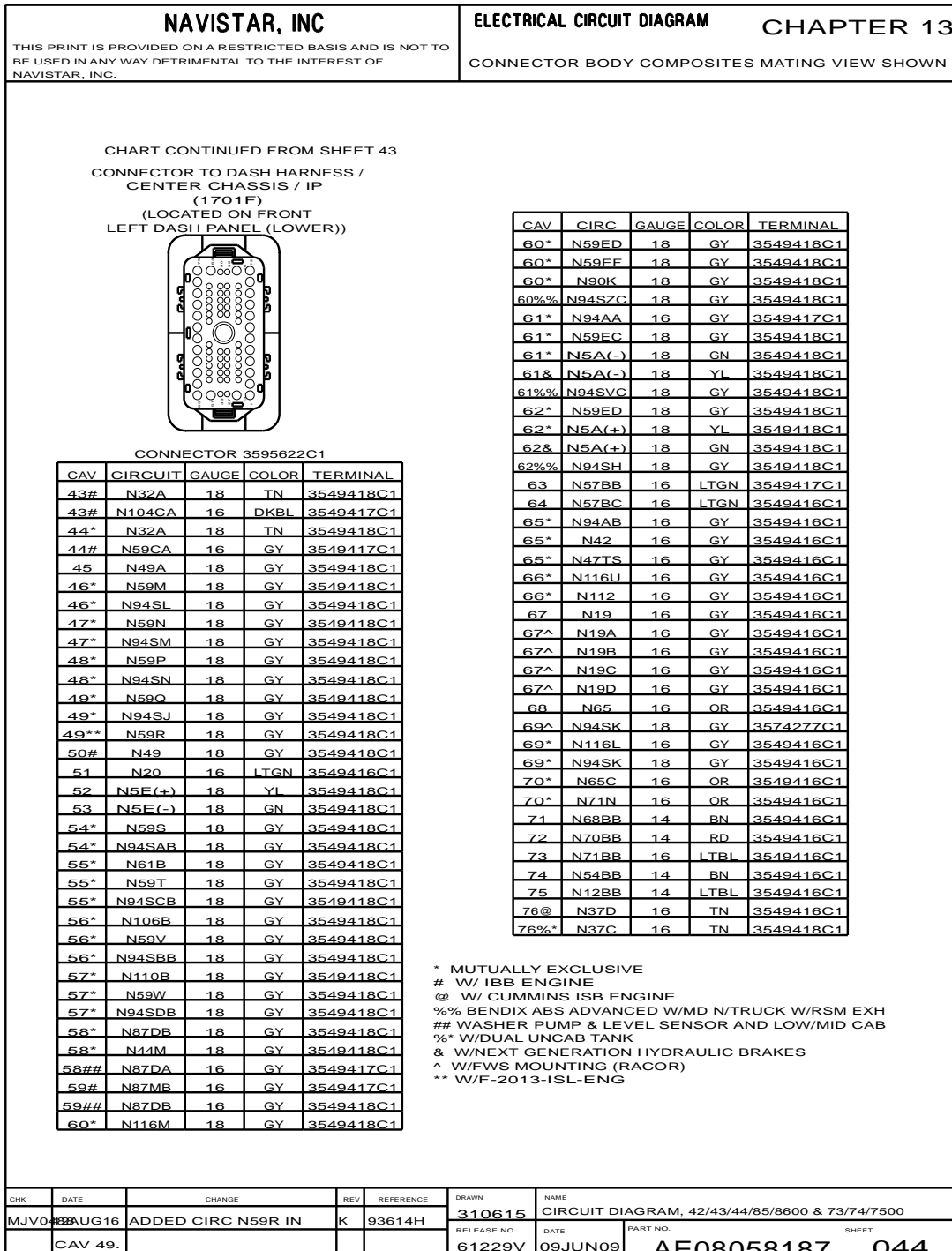


Figure 766 Connector Composites (1701F)



13.91. CONNECTOR COMPOSITES (1702), P. 45

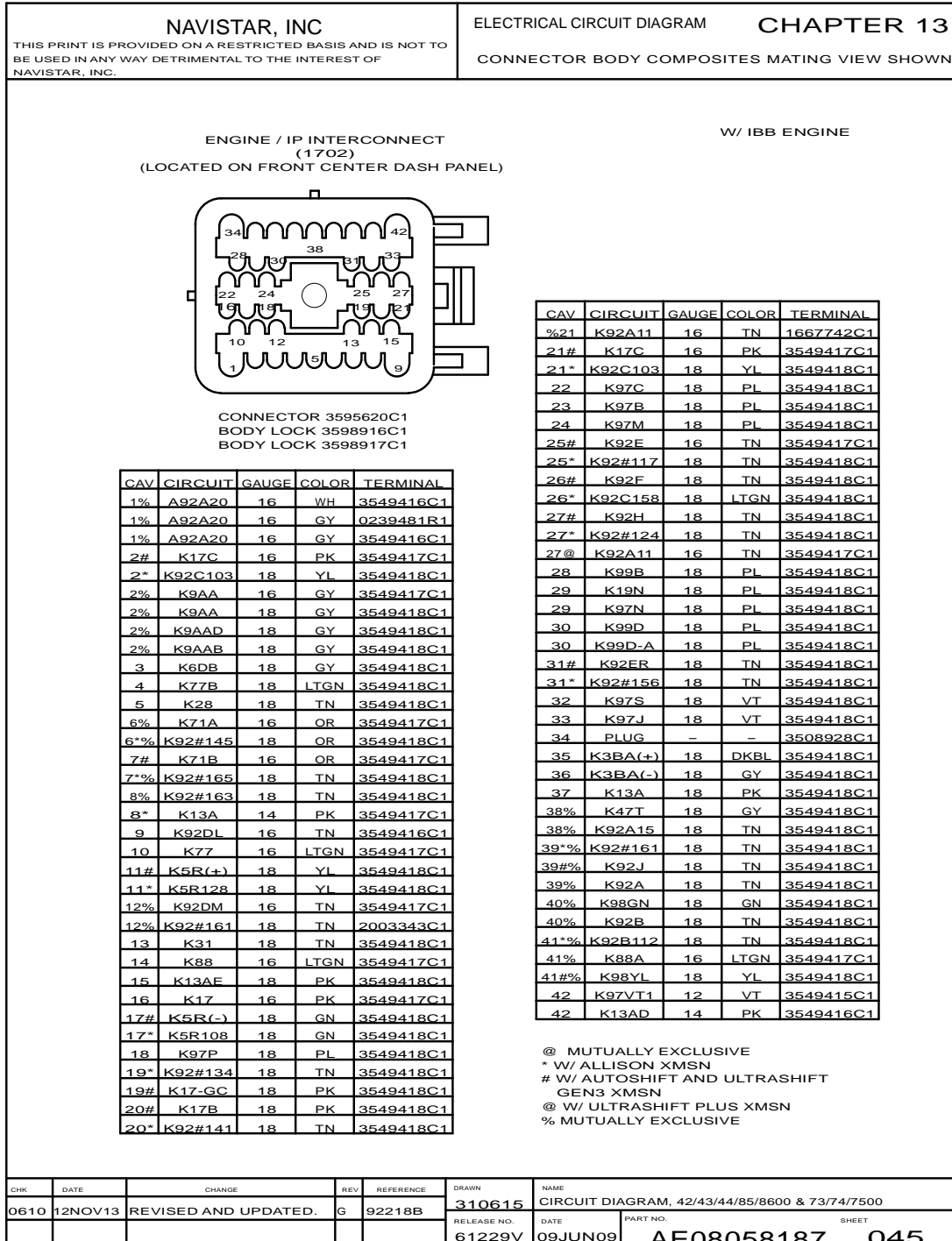


Figure 767 Connector Composites (1702)

13.92. CONNECTOR COMPOSITES (1702), P. 45A

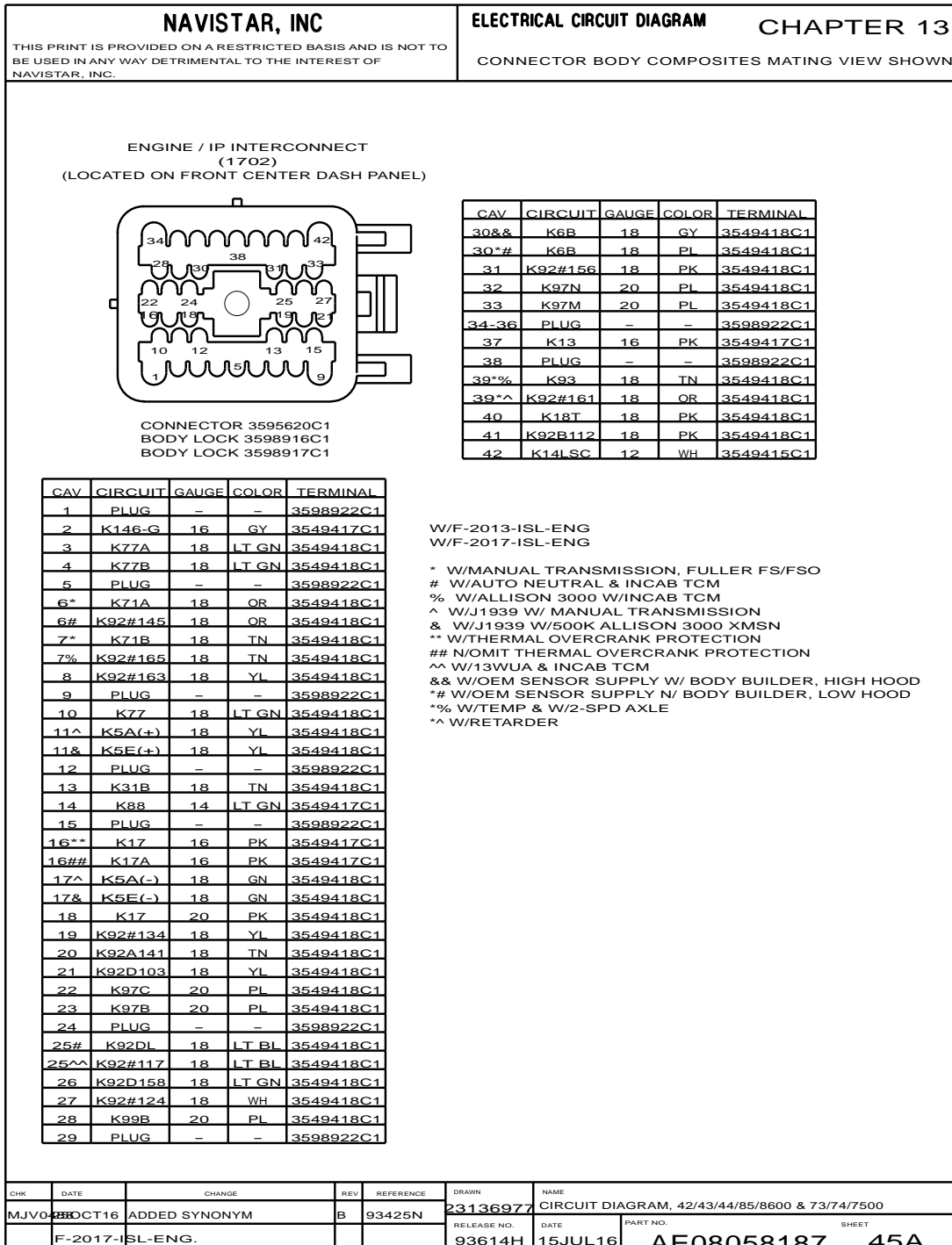


Figure 768 Connector Composites (1702)

13.93. CONNECTOR COMPOSITES (1702), P. 46

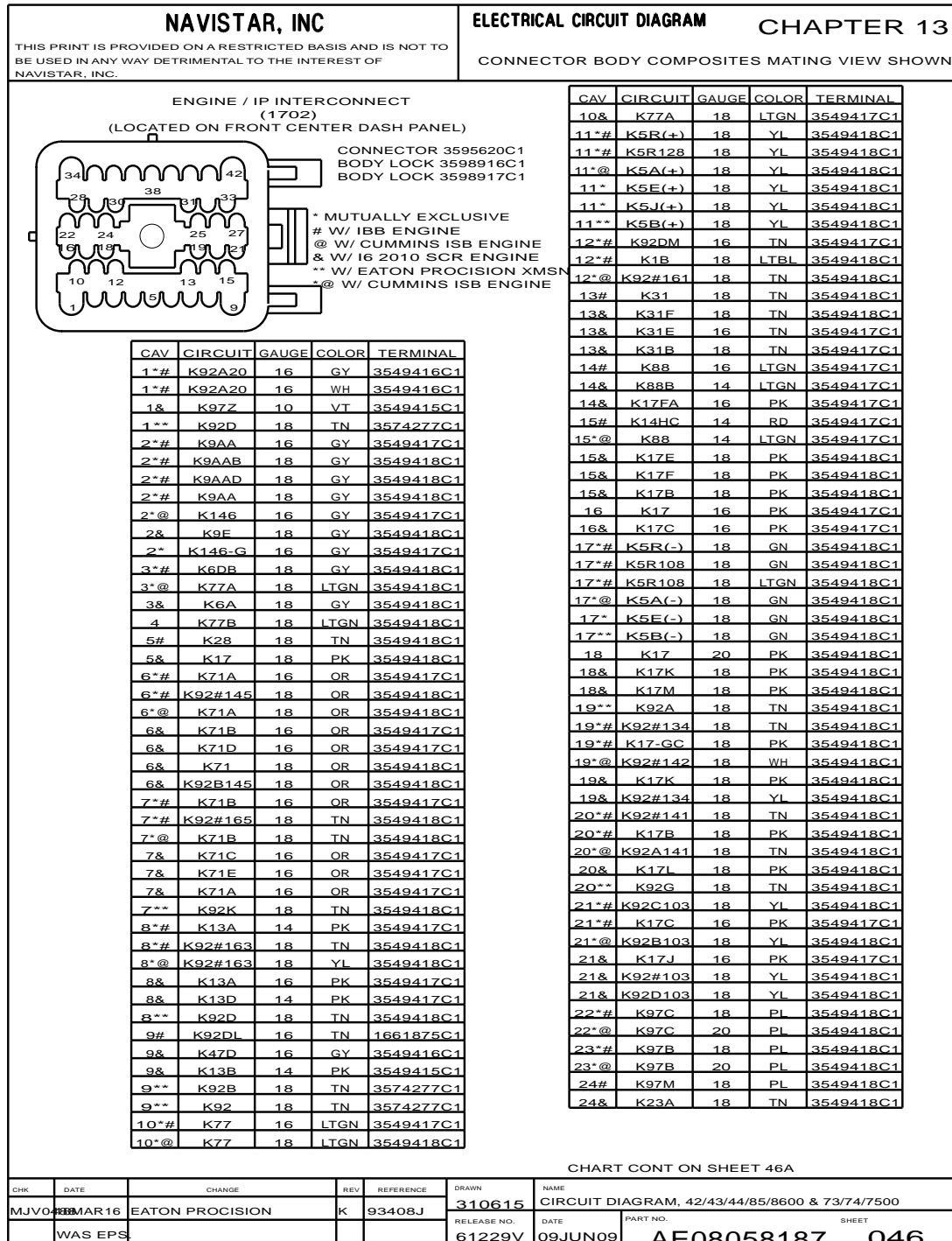


Figure 769 Connector Composites (1702)

13.94. CONNECTOR COMPOSITES (1702), P. 46A

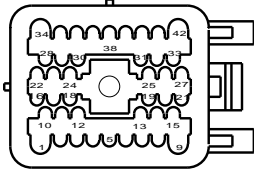
<p><b>NAVISTAR, INC</b></p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>	<p><b>ELECTRICAL CIRCUIT DIAGRAM</b></p> <p><b>CHAPTER 13</b></p> <p>CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p>																																																																																																																																																																																																																																																																				
<p>ENGINE / IP INTERCONNECT (1702) (LOCATED ON FRONT CENTER DASH PANEL)</p>  <p>CONNECTOR 3595620C1 BODY LOCK 3598916C1 BODY LOCK 3598917C1</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>32#</td><td>K97S</td><td>18</td><td>VT</td><td>3549418C1</td></tr> <tr><td>32@</td><td>K97N</td><td>20</td><td>PL</td><td>3549418C1</td></tr> <tr><td>32&amp;</td><td>K97WB</td><td>18</td><td>PL</td><td>3549418C1</td></tr> <tr><td>33#</td><td>K97J</td><td>18</td><td>VT</td><td>3549418C1</td></tr> <tr><td>33@</td><td>K97M</td><td>20</td><td>PL</td><td>3549418C1</td></tr> <tr><td>33&amp;</td><td>K97M</td><td>18</td><td>PL</td><td>3549418C1</td></tr> <tr><td>34#</td><td>K92A18A</td><td>16</td><td>TN</td><td>3549416C1</td></tr> <tr><td>34#</td><td>K30BC</td><td>16</td><td>TN</td><td>3549416C1</td></tr> <tr><td>34@</td><td>K18A</td><td>18</td><td>WH</td><td>3574277C1</td></tr> <tr><td>34&amp;</td><td>K19B</td><td>12</td><td>GY</td><td>3549415C1</td></tr> <tr><td>35*</td><td>K3BA(+)</td><td>18</td><td>DKBL</td><td>3549418C1</td></tr> <tr><td>35&amp;</td><td>K3AA(+)</td><td>18</td><td>DKBL</td><td>3549418C1</td></tr> <tr><td>35&amp;</td><td>K3A(+)</td><td>18</td><td>DKBL</td><td>3549418C1</td></tr> <tr><td>36*</td><td>K3BA(-)</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>36&amp;</td><td>K3AA(-)</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>36&amp;</td><td>K3A(-)</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>37</td><td>K97F</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>37#</td><td>K13A</td><td>18</td><td>PK</td><td>3549418C1</td></tr> <tr><td>37@</td><td>K13</td><td>16</td><td>PK</td><td>3549417C1</td></tr> <tr><td>37&amp;</td><td>K97UA</td><td>18</td><td>VT</td><td>3549418C1</td></tr> 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31#	K92#156	18	TN	3549418C1																																																																																																																																																																																																																																																																	
31*	K92#156	18	PK	3549418C1																																																																																																																																																																																																																																																																	
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Figure 770 Connector Composites (1702)

13.95. CONNECTOR COMPOSITES (1702), P. 46B

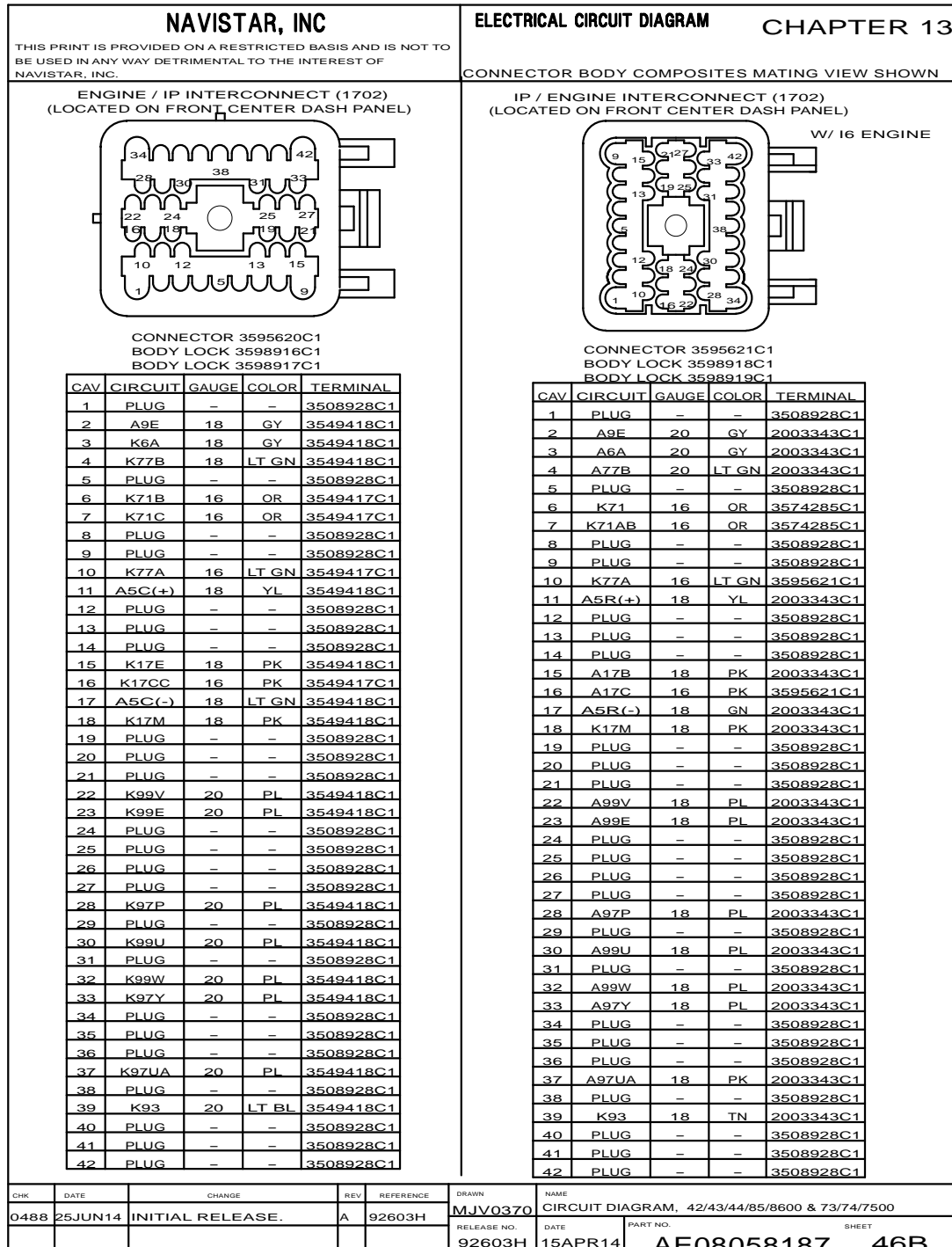
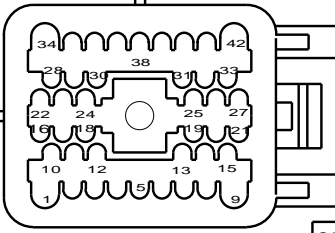


Figure 771 Connector Composites (1702)

13.96. CONNECTOR COMPOSITES (1702), P. 46C

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



IP / ENGINE INTERCONNECT  
(1702)  
(LOCATED ON FRONT  
CENTER DASH PANEL)

CONNECTOR 3595620C1  
BODY LOCK 3598916C1  
BODY LOCK 3598917C1

CAV	CIRCUIT	GA	COLOR	TERMINAL
1	K92D	18	TN	3574277C1
2	K146	16	GY	3549417C1
3	K77A	18	LTGN	3549418C1
4	K77B	18	LTGN	3549418C1
5	PLUG	-	-	3598922C1
6	K71A	18	OR	3549418C1
6*	K92B145	18	OR	3549418C1
6@	K92#145	18	OR	3549418C1
7	K71B	18	TN	3549418C1
7%	K92#165	18	TN	3549418C1
7&	K92K	18	TN	3549418C1
8	K92#163	18	YL	3549418C1
8#	K13D	14	PK	3549417C1
8^	K92D	18	TN	3549418C1
9	K92B	18	TN	3574277C1
9**	K92	18	TN	3574277C1
10	K77	18	LTGN	3549418C1
11	K5A(+)	18	YL	3549418C1
11@	K5J(+)	18	YL	3549418C1
11%	K5B(+)	18	YL	3549418C1
12	K92#161	18	TN	3549418C1
13	PLUG	-	-	3598922C1
14	K88	14	LTGN	3549417C1
15	PLUG	-	-	3598922C1
16	K17A	16	PK	3549417C1
17	K5A(-)	18	GN	3549418C1
17&&	K5J(-)	18	GN	3549418C1
17##	K5B(-)	18	GN	3549418C1
18	K17	20	PK	3549418C1
19	K92#142	18	WH	3549418C1
19^	K92#134	18	YL	3549418C1
19#@	K17K	18	PK	3549418C1
19%#	K92A	18	TN	3549418C1
20	K92A141	18	TN	3549418C1
20*&	K17L	18	PK	3549418C1
20#	K92G	18	TN	3549418C1
21	K92B103	18	YL	3549418C1
21^	K92D103	18	YL	3549418C1
21@*	K17J	16	PK	3549417C1
21@%	K92#103	18	YL	3549418C1
22	K97C	20	PL	3549418C1
23	K97B	20	PL	3549418C1
24	PLUG	-	-	3598922C1
25	K92B123	18	LTGN	3549418C1
25@&	K92DL	18	LTBL	3549418C1

CAV	CIRCUIT	GA	COLOR	TERMINAL
25@#	K92#117	18	LTBL	3549418C1
25@^	K92E	18	LTBL	3549418C1
26	K92F	18	LTGN	3549418C1
27	K92H	18	WH	3549418C1
28	K99B	20	PL	3549418C1
29	PLUG	-	-	3598922C1
30	K6B	18	TN	3549418C1
31	K92E	18	TN	3549418C1
31%*	K92YB	16	TN	3549417C1
32	K97N	20	PL	3549418C1
33	K97M	20	PL	3549418C1
34	K18A	18	WH	3574277C1
35	PLUG	-	-	3598922C1
36	PLUG	-	-	3598922C1
37	K13C	16	PK	3549417C1
38	K92C101	18	LTBL	3549418C1
38@	K92#101	18	LTBL	3549418C1
39	K93	18	TN	3549418C1
39%&	K92C	18	TN	3549418C1
39%#	K92AF	16	TN	3549417C1
40	K18T	18	PK	3549418C1
41	PLUG	-	-	3598922C1
42	K14L SC	12	WH	3549415C1

W/ F-2017-ISB-ENG  
 \* ALLISON 1000-2000 TRANSMISSION W/INCAB TCM  
 @ ALLISON 3000 W/AUTO NEUTRAL & INCAB TCM  
 % ALLISON 1000-2000 TRANSMISSION W/INCAB TCM & EATON EPS W/P.T.O, N/PP, W/PUSH BUTTON  
 # EATON ULTRASHIFT N/TRANS OIL TEMP N/ PARK PAWL  
 ^ EATON EPS W/P.T.O, N/PP, W/PUSH BUTTON  
 \*\* EATON EPS N/P.T.O, W/PARK PAWL, W/T-HANDLE  
 @@ J1939 W/ EATON ULTRASHIFT  
 %% J1939 500K EATON EPS  
 && J1939 W/ EATON ULTRASHIFT  
 ## J1939 500K EATON EPS  
 ^^ ALLISON 3000 W/AUTO NEUTRAL & INCAB TCM  
 \*@ EATON ULTRASHIFT N/TRANS OIL TEMP N/ PARK PAWL  
 %\* EATON EPS W/P.T.O, N/PP, W/PUSH BUTTON  
 \*% EATON ULTRASHIFT N/TRANS OIL TEMP N/ PARK PAWL  
 #\* EATON EPS W/P.T.O, N/PP, W/PUSH BUTTON  
 ^\* ALLISON 3000 TRANSMISSION W/WHEELCHAIR INTERLOCK W/ P.T.O  
 @\* EATON ULTRASHIFT N/TRANS OIL TEMP N/ PARK PAWL  
 @% ALLISON 1000-2000 TRANSMISSION W/WHEELCHAIR INTERLOCK  
 @& ALLISON 3000 W/AUTO NEUTRAL & INCAB TCM  
 @# ALLISON 3000, W/13WUA, INCAB  
 @^ EATON ULTRASHIFT N/TRANS OIL TEMP N/ PARK PAWL  
 %\* EATON ULTRASHIFT N/TRANS OIL TEMP N/ PARK PAWL  
 %@ ALLISON 1000-2000 TRANSMISSION W/WHEELCHAIR INTERLOCK  
 %& EATON EPS W/P.T.O, N/PP, W/PUSH BUTTON  
 %% EATON ULTRASHIFT N/TRANS OIL TEMP N/ PARK PAWL

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJV0	13AUG16	INITIAL RELEASE.	A	93614H	23136977	CIRCUIT DIAGRAM,42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					93583H	29JUN16
					PART NO.	SHEET
					AE08058187	46C

Figure 772 Connector Composites (1702)

13.97. CONNECTOR COMPOSITES (1702), P. 47

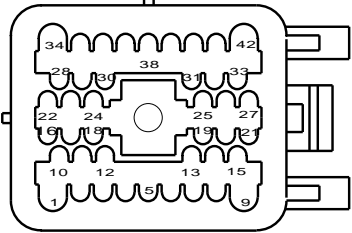
<p><b>NAVISTAR, INC</b></p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>	<p><b>ELECTRICAL CIRCUIT DIAGRAM</b></p> <p><b>CHAPTER 13</b></p> <p>CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p>																																																																																																																																																																																																																																																																									
<p>ENGINE / IP INTERCONNECT (1702) (LOCATED ON FRONT CENTER DASH PANEL)</p>  <p>CONNECTOR 3595621C1 BODY LOCK 3598918C1 BODY LOCK 3598919C1</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>11</td><td>A5R(+)</td><td>18</td><td>YL</td><td>2003343C1</td></tr> <tr><td>11*</td><td>A5F(+)</td><td>18</td><td>YL</td><td>2003343C1</td></tr> <tr><td>11@%</td><td>A5C(+)</td><td>18</td><td>YL</td><td>2003343C1</td></tr> <tr><td>11#%</td><td>A5D(+)</td><td>18</td><td>YL</td><td>2003343C1</td></tr> <tr><td>12*</td><td>A28B</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>12*</td><td>A92#161</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>13*</td><td>A97A</td><td>18</td><td>RD</td><td>2003343C1</td></tr> <tr><td>13*</td><td>A31</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>14*</td><td>A88</td><td>18</td><td>LTGN</td><td>2003343C1</td></tr> <tr><td>14*</td><td>A17F</td><td>16</td><td>PK</td><td>3574285C1</td></tr> <tr><td>14*</td><td>A88B</td><td>16</td><td>LTGN</td><td>3574285C1</td></tr> <tr><td>15*</td><td>A17B</td><td>18</td><td>PK</td><td>2003343C1</td></tr> <tr><td>15*</td><td>A41D</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>15*#</td><td>A92LE</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>16*</td><td>A17C</td><td>18</td><td>PK</td><td>3574285C1</td></tr> <tr><td>16@</td><td>A17A</td><td>18</td><td>PK</td><td>2003343C1</td></tr> <tr><td>16%%%</td><td>A17BA</td><td>18</td><td>PK</td><td>2003343C1</td></tr> <tr><td>16@@@</td><td>A17B</td><td>18</td><td>PK</td><td>2003343C1</td></tr> <tr><td>17</td><td>A5R(-)</td><td>18</td><td>GN</td><td>2003343C1</td></tr> <tr><td>17%*</td><td>A5F(-)</td><td>18</td><td>GN</td><td>2003343C1</td></tr> <tr><td>17@%</td><td>A5C(-)</td><td>18</td><td>GN</td><td>2003343C1</td></tr> <tr><td>17#%</td><td>A5D(-)</td><td>18</td><td>GN</td><td>2003343C1</td></tr> <tr><td>18*</td><td>A17M</td><td>18</td><td>PK</td><td>2003343C1</td></tr> <tr><td>18*</td><td>A41E</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>18*</td><td>A23A</td><td>16</td><td>TN</td><td>3574285C1</td></tr> <tr><td>18@</td><td>A17B</td><td>18</td><td>PK</td><td>2003343C1</td></tr> <tr><td>19*</td><td>A92#142</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>19*</td><td>A17K</td><td>18</td><td>PK</td><td>2003343C1</td></tr> <tr><td>19*</td><td>A92#134</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>19%*</td><td>A92A</td><td>16</td><td>TN</td><td>3574285C1</td></tr> <tr><td>19%%%</td><td>A17-G</td><td>18</td><td>WH</td><td>2003343C1</td></tr> <tr><td>20*</td><td>A92#141</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>20%%%</td><td>A92L</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>20%*</td><td>A14F</td><td>14</td><td>RD</td><td>3574285C1</td></tr> <tr><td>20##</td><td>A17E</td><td>18</td><td>PK</td><td>2003343C1</td></tr> <tr><td>21*</td><td>A92#103</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>21*</td><td>A17J</td><td>16</td><td>PK</td><td>3574285C1</td></tr> <tr><td>21%*</td><td>A13A</td><td>14</td><td>PK</td><td>3574285C1</td></tr> <tr><td>21%%%</td><td>A17BB</td><td>18</td><td>PK</td><td>3574285C1</td></tr> <tr><td>21*</td><td>A92A103</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>22*</td><td>A97C</td><td>18</td><td>PL</td><td>2003343C1</td></tr> <tr><td>22*</td><td>A99V</td><td>18</td><td>PL</td><td>2003343C1</td></tr> <tr><td>23*</td><td>A97B</td><td>18</td><td>PL</td><td>2003343C1</td></tr> <tr><td>23*</td><td>A99E</td><td>18</td><td>PL</td><td>2003343C1</td></tr> <tr><td>24*</td><td>A99D</td><td>18</td><td>PL</td><td>2003343C1</td></tr> <tr><td>24*</td><td>A23A</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>25*</td><td>A92E</td><td>16</td><td>TN</td><td>3574285C1</td></tr> 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</table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	11	A5R(+)	18	YL	2003343C1	11*	A5F(+)	18	YL	2003343C1	11@%	A5C(+)	18	YL	2003343C1	11#%	A5D(+)	18	YL	2003343C1	12*	A28B	18	TN	2003343C1	12*	A92#161	18	TN	2003343C1	13*	A97A	18	RD	2003343C1	13*	A31	18	TN	2003343C1	14*	A88	18	LTGN	2003343C1	14*	A17F	16	PK	3574285C1	14*	A88B	16	LTGN	3574285C1	15*	A17B	18	PK	2003343C1	15*	A41D	18	TN	2003343C1	15*#	A92LE	18	TN	2003343C1	16*	A17C	18	PK	3574285C1	16@	A17A	18	PK	2003343C1	16%%%	A17BA	18	PK	2003343C1	16@@@	A17B	18	PK	2003343C1	17	A5R(-)	18	GN	2003343C1	17%*	A5F(-)	18	GN	2003343C1	17@%	A5C(-)	18	GN	2003343C1	17#%	A5D(-)	18	GN	2003343C1	18*	A17M	18	PK	2003343C1	18*	A41E	18	TN	2003343C1	18*	A23A	16	TN	3574285C1	18@	A17B	18	PK	2003343C1	19*	A92#142	18	TN	2003343C1	19*	A17K	18	PK	2003343C1	19*	A92#134	18	TN	2003343C1	19%*	A92A	16	TN	3574285C1	19%%%	A17-G	18	WH	2003343C1	20*	A92#141	18	TN	2003343C1	20%%%	A92L	18	TN	2003343C1	20%*	A14F	14	RD	3574285C1	20##	A17E	18	PK	2003343C1	21*	A92#103	18	TN	2003343C1	21*	A17J	16	PK	3574285C1	21%*	A13A	14	PK	3574285C1	21%%%	A17BB	18	PK	3574285C1	21*	A92A103	18	TN	2003343C1	22*	A97C	18	PL	2003343C1	22*	A99V	18	PL	2003343C1	23*	A97B	18	PL	2003343C1	23*	A99E	18	PL	2003343C1	24*	A99D	18	PL	2003343C1	24*	A23A	18	TN	2003343C1	25*	A92E	16	TN	3574285C1	25*	A97B	18	LTGN	2003343C1	25*	A92DN	18	TN	2003343C1	25%%%	A92E	18	LTBL	2003343C1	25*#	A92118B	18	TN	2003343C1	25%*	A92G	14	TN	3574285C1
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Figure 773 Connector Composites (1702)

13.98. CONNECTOR COMPOSITES (1702), (1702B), P. 47A

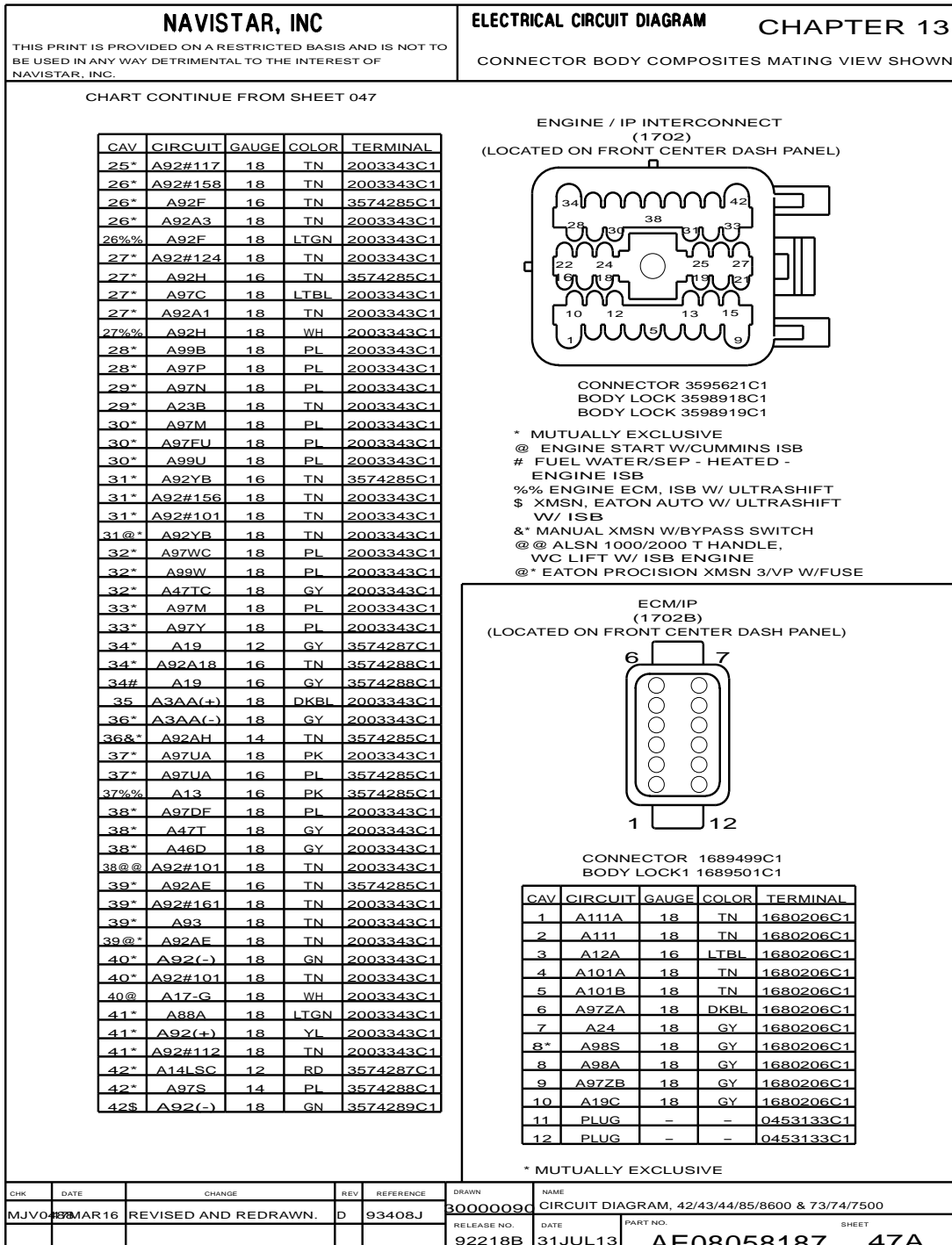


Figure 774 Connector Composites (1702), (1702B)



13.99. CONNECTOR COMPOSITES (1702B), P. 47B

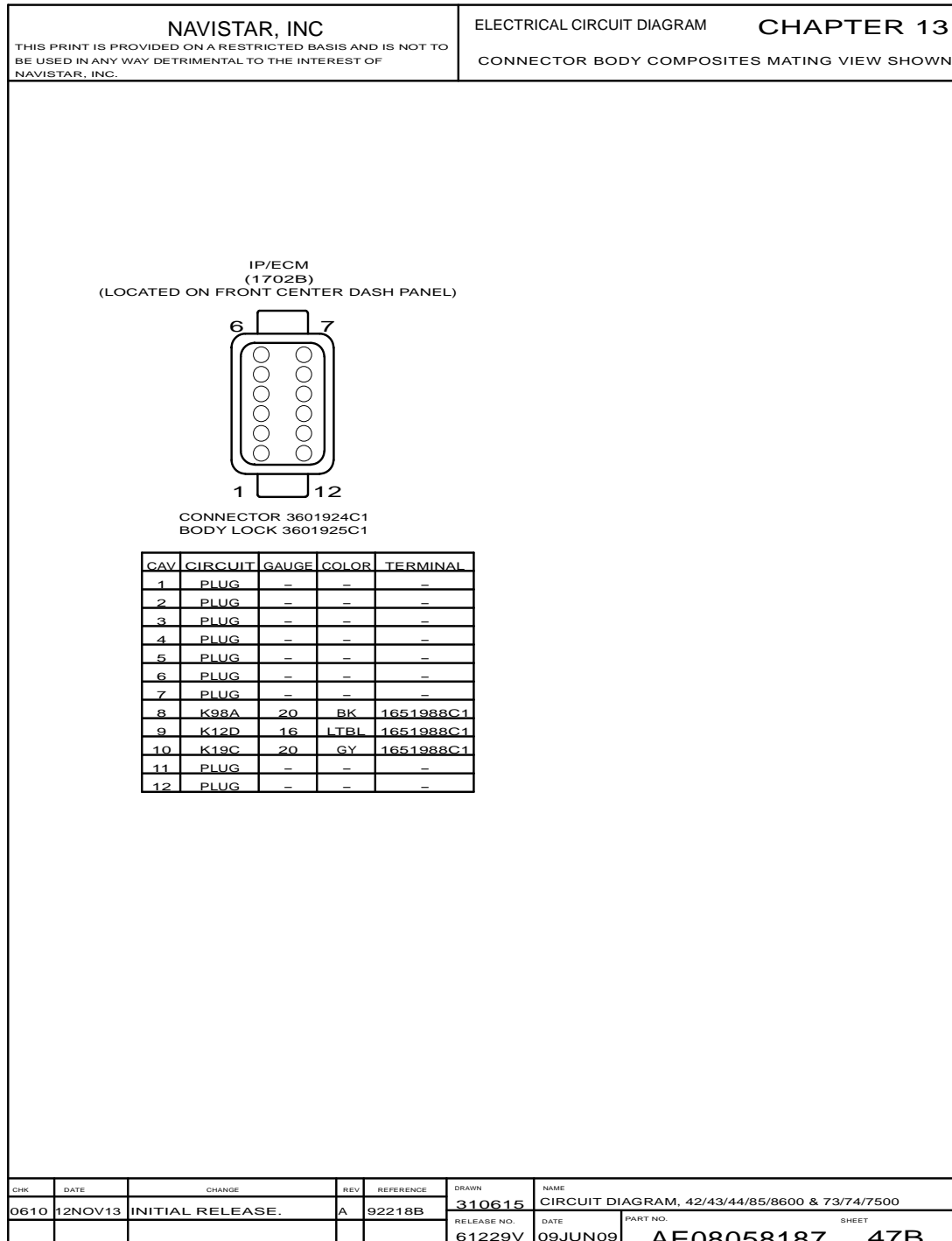


Figure 775 Connector Composites (1702B)

13.100. CONNECTOR COMPOSITES (1800), P. 48

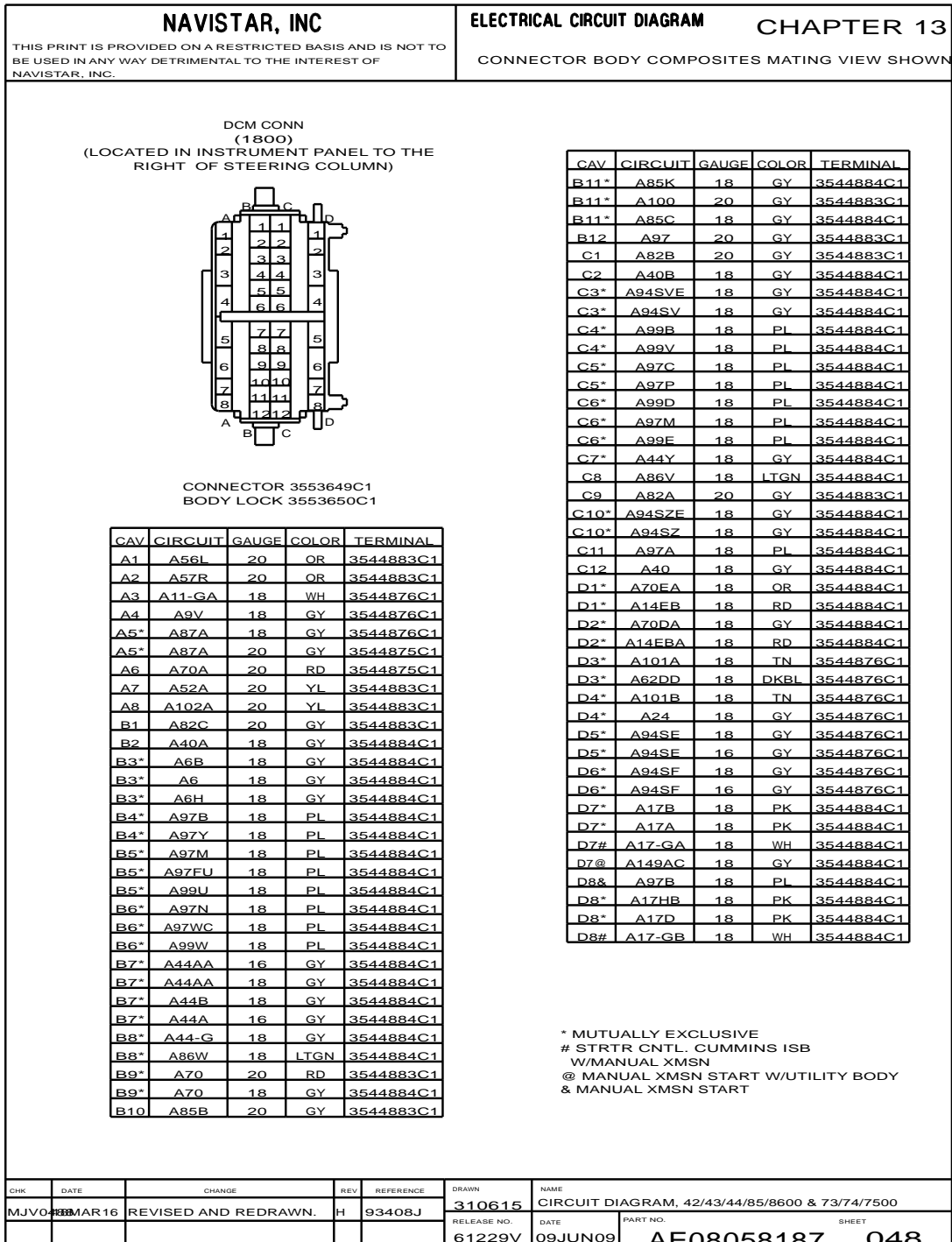


Figure 776 Connector Composites (1800)

13.101. CONNECTOR COMPOSITES (1800F), P. 48A

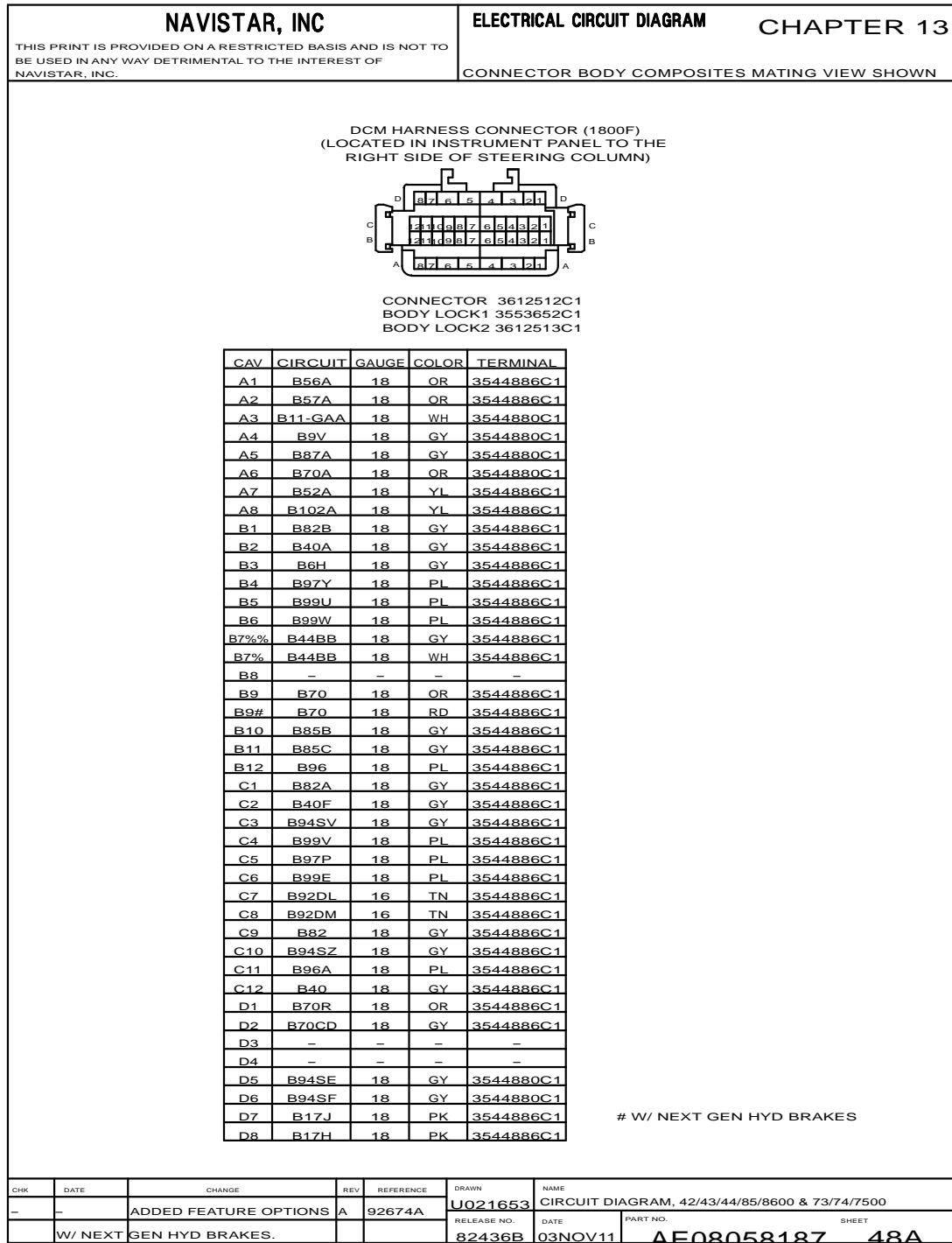


Figure 777 Connector Composites (1800F)

13.102. CONNECTOR COMPOSITES (1804), (1807), (1809), (1810), P. 49

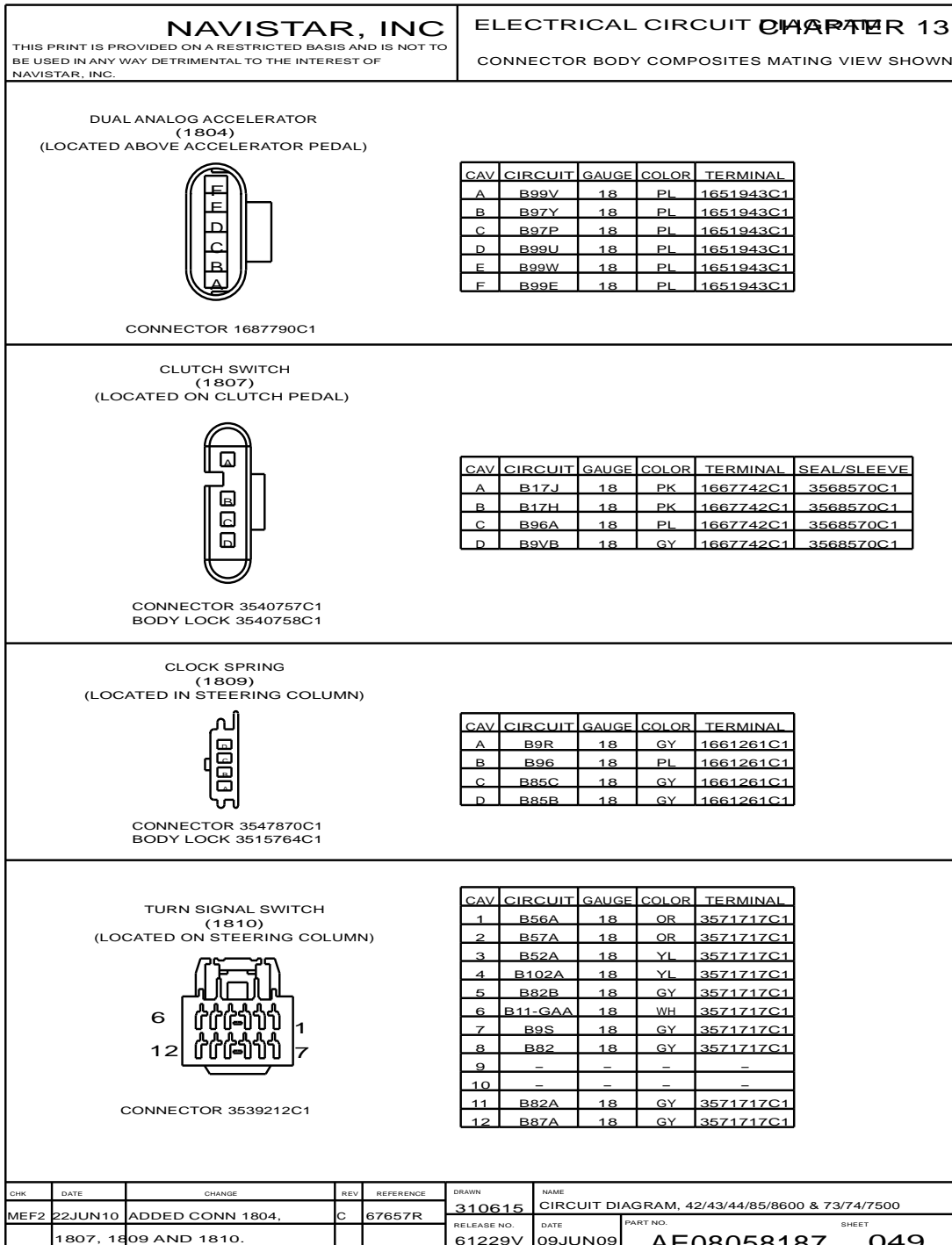


Figure 778 Connector Composites (1804), (1807), (1809), (1810)

13.103. CONNECTOR COMPOSITES (1811), (1812), (1813), P. 50

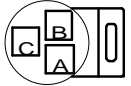
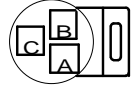

<p style="text-align: center;"><b>NAVISTAR, INC</b> THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>	<p style="text-align: right;">ELECTRICAL CIRCUIT DIAGRAM    <b>CHAPTER 13</b></p> <p style="text-align: center;">CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p>																																																												
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Figure 779 Connector Composites (1811), (1812), (1813)

13.104. CONNECTOR COMPOSITES (1815), P. 50A

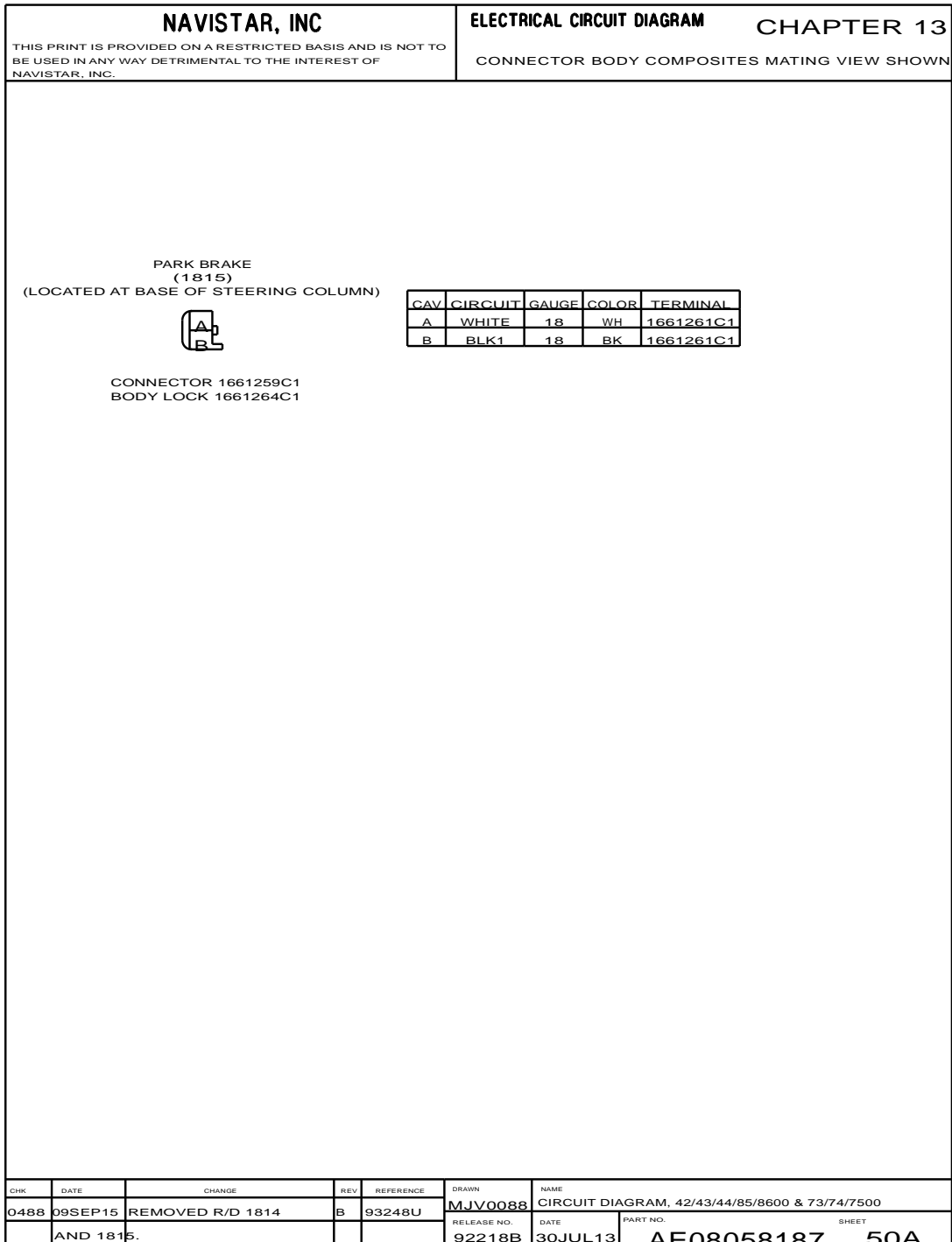


Figure 780 Connector Composites (1815)

13.105. CONNECTOR COMPOSITES (1820F), (1820M), (1822), P. 51




<p><b>NAVISTAR, INC</b>  <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small></p>	<p><b>ELECTRICAL CIRCUIT DIAGRAM    CHAPTER 13</b>  <b>CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</b></p>																																																																						
<p style="text-align: center;">RSP / ESP SWITCH                  CAB HARNESS STEERING WHEEL SENSOR                  (1820F)                  (LOCATED IN INSTRUMENT PANEL TO THE RIGHT OF STEERING COLUMN)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR 1667529C1</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>B94SA</td> <td>20</td> <td>GY</td> <td>3634481C1</td> </tr> <tr> <td>B</td> <td>B94SB</td> <td>20</td> <td>GY</td> <td>3634481C1</td> </tr> <tr> <td>C</td> <td>B94SC</td> <td>20</td> <td>GY</td> <td>3634481C1</td> </tr> <tr> <td>D</td> <td>B94SD</td> <td>20</td> <td>GY</td> <td>3634481C1</td> </tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	B94SA	20	GY	3634481C1	B	B94SB	20	GY	3634481C1	C	B94SC	20	GY	3634481C1	D	B94SD	20	GY	3634481C1	<p style="text-align: center;">RSP/ESP SWS                  (1820M)                  (LOCATED IN INSTRUMENT PANEL TO THE RIGHT OF STEERING COLUMN)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR 1667305C1                  BODY LOCK 1661263C1</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A@</td> <td>A94SAB</td> <td>18</td> <td>GY</td> <td>1661261C1</td> </tr> <tr> <td>A@</td> <td>A94SA</td> <td>20</td> <td>GY</td> <td>3544254C1</td> </tr> <tr> <td>B@</td> <td>A94SBB</td> <td>18</td> <td>GY</td> <td>1661261C1</td> </tr> <tr> <td>B@</td> <td>A94SB</td> <td>20</td> <td>GY</td> <td>3544254C1</td> </tr> <tr> <td>C@</td> <td>A94SCB</td> <td>18</td> <td>GY</td> <td>1661261C1</td> </tr> <tr> <td>C@</td> <td>A94SC</td> <td>20</td> <td>GY</td> <td>3544254C1</td> </tr> <tr> <td>D@</td> <td>A94SDB</td> <td>18</td> <td>GY</td> <td>1661261C1</td> </tr> <tr> <td>D@</td> <td>A94SD</td> <td>20</td> <td>GY</td> <td>3544254C1</td> </tr> </tbody> </table> <p style="text-align: center;">@ MUTUALLY EXCLUSIVE</p>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A@	A94SAB	18	GY	1661261C1	A@	A94SA	20	GY	3544254C1	B@	A94SBB	18	GY	1661261C1	B@	A94SB	20	GY	3544254C1	C@	A94SCB	18	GY	1661261C1	C@	A94SC	20	GY	3544254C1	D@	A94SDB	18	GY	1661261C1	D@	A94SD	20	GY	3544254C1
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<p>TRANSDUCER CONNECTOR                  (1822)                  (LOCATED AT BASE OF STEERING COLUMN)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR 1678137C1</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>B9VF</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>B6HC</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>C</td> <td>B40F</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	B9VF	18	GY	1651943C1	B	B6HC	18	GY	1651943C1	C	B40F	18	GY	1651943C1																																																		
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<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> <tr> <td>0488</td> <td>24JAN14</td> <td>REMOVED R/D 1821.</td> <td>E</td> <td>92372W</td> <td>310615</td> <td>CIRCUIT DIAGRAM, 42/43/44/85/8600 &amp; 73/74/7500</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>RELEASE NO.</td> <td>DATE</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>61229V</td> <td>09JUN09</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>PART NO.</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>AE08058187</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>SHEET</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>051</td> </tr> </table>		CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	0488	24JAN14	REMOVED R/D 1821.	E	92372W	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500						RELEASE NO.	DATE						61229V	09JUN09							PART NO.							AE08058187							SHEET							051														
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Figure 781 Connector Composites (1820F), (1820M), (1822)

13.106. CONNECTOR COMPOSITES (1823), (1824), (1825), P. 52

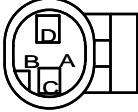
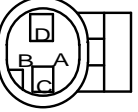
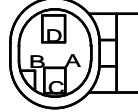
NAVISTAR, INC <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM <b>CHAPTER 13</b> CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																
<p>STOP LIGHT # 1 (1823) (LOCATED AT BASE OF STEERING COLUMN)</p>  <p>CONNECTOR 1661777C1 BODY LOCK 1661873C1</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>B</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>B70A</td> <td>18</td> <td>OR</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>D</td> <td>B9VG</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	-	-	-	-	-	B	-	-	-	-	-	C	B70A	18	OR	1661875C1	3568570C1	D	B9VG	18	GY	1661875C1	3568570C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																															
A	-	-	-	-	-																															
B	-	-	-	-	-																															
C	B70A	18	OR	1661875C1	3568570C1																															
D	B9VG	18	GY	1661875C1	3568570C1																															
<p>STOP LIGHT # 2 (1824) (LOCATED AT BASE OF STEERING COLUMN)</p>  <p>CONNECTOR 1661777C1 BODY LOCK 1661873C1</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>B</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>B70</td> <td>18</td> <td>OR</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>D</td> <td>B9VH</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	-	-	-	-	-	B	-	-	-	-	-	C	B70	18	OR	1661875C1	3568570C1	D	B9VH	18	GY	1661875C1	3568570C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																															
A	-	-	-	-	-																															
B	-	-	-	-	-																															
C	B70	18	OR	1661875C1	3568570C1																															
D	B9VH	18	GY	1661875C1	3568570C1																															
<p>BRAKE PRESSURE SWITCH (1825) (LOCATED AT BASE OF STEERING COLUMN)</p>  <p>CONNECTOR 1661777C1 BODY LOCK 1661873C1</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>B</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>B70R</td> <td>18</td> <td>OR</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>D</td> <td>B70CD</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	-	-	-	-	-	B	-	-	-	-	-	C	B70R	18	OR	1661875C1	3568570C1	D	B70CD	18	GY	1661875C1	3568570C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																															
A	-	-	-	-	-																															
B	-	-	-	-	-																															
C	B70R	18	OR	1661875C1	3568570C1																															
D	B70CD	18	GY	1661875C1	3568570C1																															
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																														
0488	24JAN14	REMOVED R/D 1826.	D	92372W	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																														
					RELEASE NO.	DATE																														
					61229V	09JUN09																														
						PART NO.																														
						AE08058187																														
						SHEET																														
						052																														

Figure 782 Connector Composites (1823), (1824), (1825)

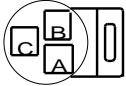


13.107. CONNECTOR COMPOSITES (1828), (1829), (1852), (1852A), P. 53

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

ABS SECONDARY AIR TRANSDUCER  
(1828)  
(LOCATED NEAR BRAKE PEDAL)

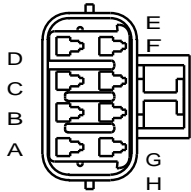


CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	B94SZB	18	GY	1651943C1
B	B94SVB	18	GY	1651943C1
C	B94SF	18	GY	1651943C1

CONNECTOR 1678137C1

LCT COLUMN SHIFTER  
(1828)  
(LOCATED ON THE BACK OF LCT SHIFT SELECTOR)



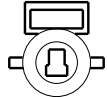
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	PLUG	-	-	-	-
B*	A92-GAH	18	GY	1661875C1	3568570C1
B#	A92-GAH	18	WH	1661875C1	3568570C1
C	A92A163	18	TN	1661875C1	3568570C2
D	A92D	18	TN	1661875C1	3568570C4
E	A92#142	18	TN	1661875C1	3568570C5
F@	A92A103	18	TN	1661875C1	3568570C6
F*	A92B103	18	TN	1661875C1	3568570C7
F#	A92#103	18	TN	1661875C1	3568570C8
G&	A44L	18	GY	1661875C1	3568570C9
G*	A122AB	18	PL	1661875C1	3568570C10
H	A44J	18	GY	1661875C1	3568570C11

CONNECTOR 3525872C1  
BODY LOCK 3525873C1

\* ALSN W/PARK COL SHFT, WC LIFT, V8, W/FUSE W/LIFT SWITCH  
# XMSN, ALSN W/PARK COL SHFT W/FUSE  
@ ALSN W/PARK COL SHFT, WC LIFT W/FUSE  
& XMSN, ALSN 1000/2000 COL SHFT W/FUSE

2ND BRAKE SWITCH INPUT  
(1829)  
(LOCATED NEAR BRAKE PEDAL)

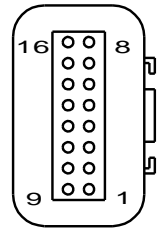


CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	BY12	18	LTBL	2033819C1	3517771C1

CONNECTOR 1664531C1

WTEC SHIFT SELECTOR CONN  
(1852 / 1852A)  
(LOCATED IN INSTRUMENT PANEL NEAR SHIFTER)



CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	PLUG	-	-	3518314C1
2	PLUG	-	-	3518314C1
3	A62BE	18	GY	3517243C1
4	PLUG	-	-	3518314C1
5	A92-GAH	18	WH	3517243C1
6	PLUG	-	-	3518314C1
7	PLUG	-	-	3518314C1
8	A5FA(+)	18	YL	3517243C1
8*	A5BA(+)	18	YL	3517243C1
8*	A5GA(+)	18	YL	3517243C1
9	PLUG	-	-	3518314C1
10	PLUG	-	-	3518314C1
11	A92#134	18	TN	3517243C1
12	A92A163	18	TN	3517243C1
13	A92BT	18	TN	3517243C1
14	PLUG	-	-	3518314C1
15	A5FA(-)	18	GN	3517243C1
15*	A5BA(-)	18	GN	3517243C1
15*	A5GA(-)	18	GN	3517243C1
16	PLUG	-	-	3518314C1

CONNECTOR 3605446C91

\* MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJVO	16MAR16	REVISED AND REDRAWN.	G	93408J	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					61229V	09JUN09
					PART NO.	SHEET
					AE08058187	053

Figure 783 Connector Composites (1828), (1829), (1852), (1852A)

13.108. CONNECTOR COMPOSITES (1861), (1872), (1873), P. 54

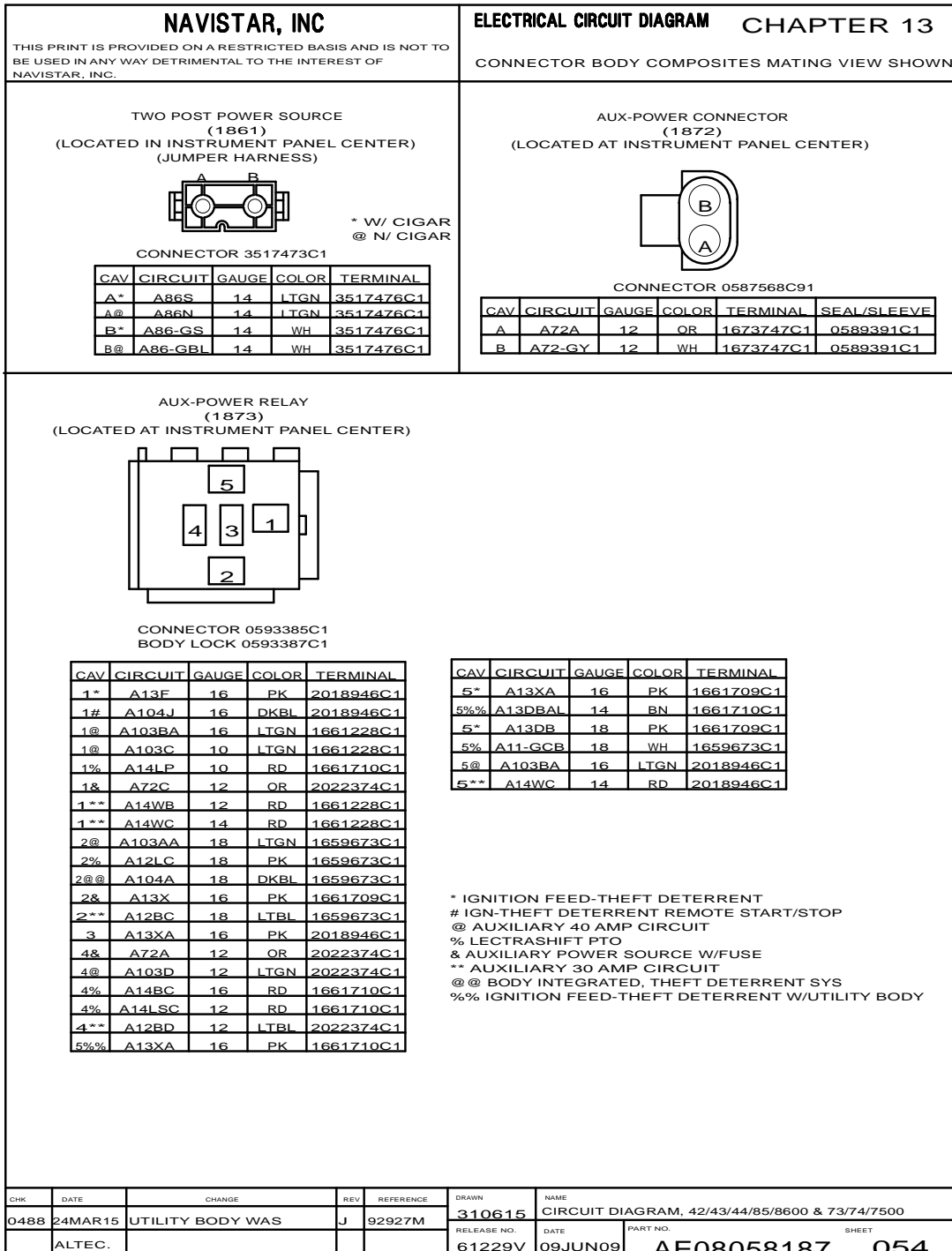


Figure 784 Connector Composites (1861), (1872), (1873)

13.109. CONNECTOR COMPOSITES (1873B), (1873C), (1873D), P. 54A

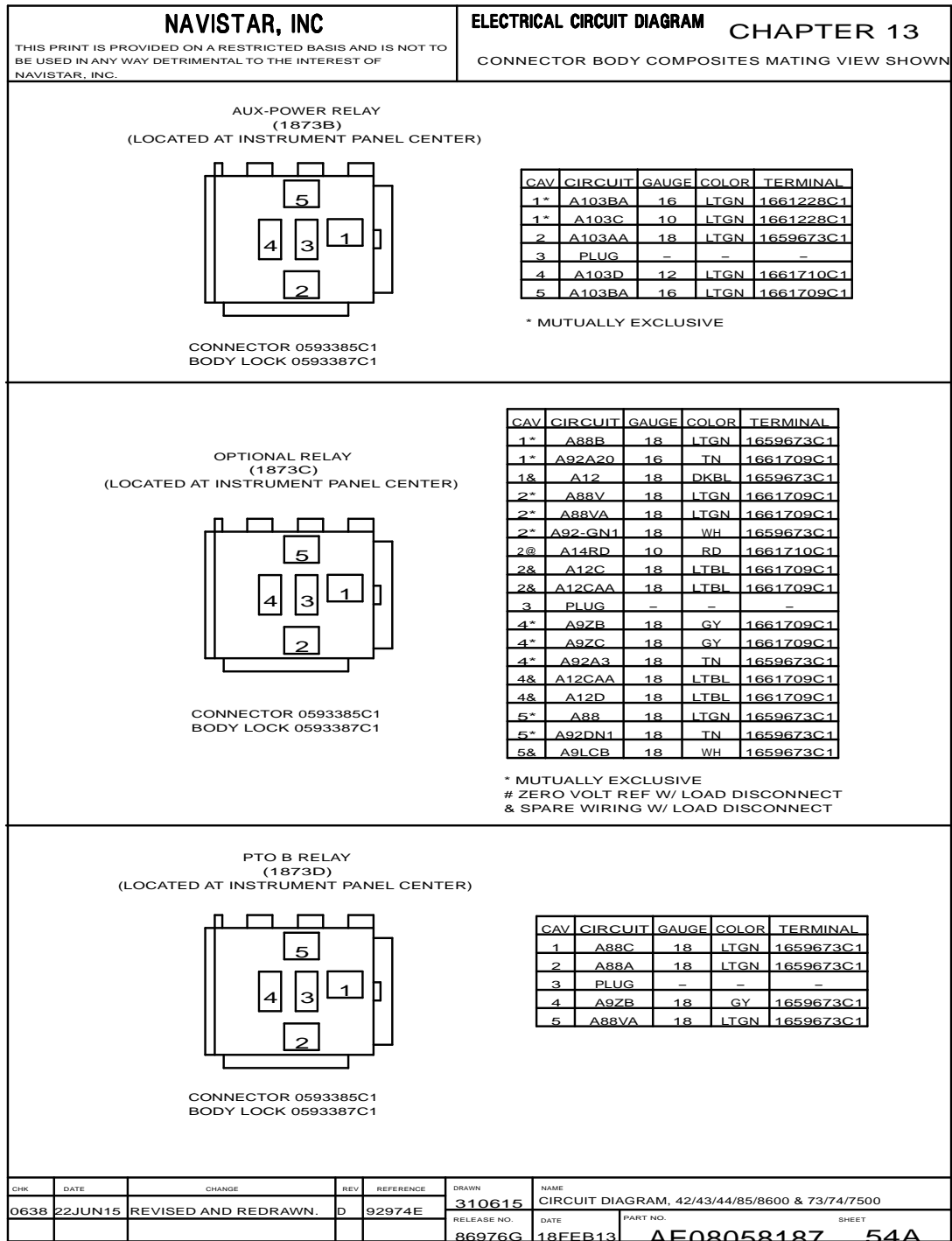


Figure 785 Connector Composites (1873B), (1873C), (1873D)

13.110. CONNECTOR COMPOSITES (1873E), (1873F), (1873G), P. 54B

<b>NAVISTAR, INC</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM <b>CHAPTER 13</b> CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																
SNOW VALVE RELAY (1873E) (LOCATED AT INSTRUMENT PANEL CENTER)																																				
			<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A13A</td> <td>18</td> <td>PK</td> <td>1659673C1</td> </tr> <tr> <td>2</td> <td>A23H</td> <td>18</td> <td>TN</td> <td>1659673C1</td> </tr> <tr> <td>3</td> <td>A23DC</td> <td>18</td> <td>TN</td> <td>1659673C1</td> </tr> <tr> <td>4</td> <td>A23B</td> <td>18</td> <td>TN</td> <td>1659673C1</td> </tr> <tr> <td>5</td> <td>A11-GD</td> <td>18</td> <td>WH</td> <td>1659673C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A13A	18	PK	1659673C1	2	A23H	18	TN	1659673C1	3	A23DC	18	TN	1659673C1	4	A23B	18	TN	1659673C1	5	A11-GD	18	WH	1659673C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																
1	A13A	18	PK	1659673C1																																
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3	A23DC	18	TN	1659673C1																																
4	A23B	18	TN	1659673C1																																
5	A11-GD	18	WH	1659673C1																																
CONNECTOR 0593385C1 BODY LOCK 0593387C1																																				
SNOW VALVE RELAY (1873F) (LOCATED AT INSTRUMENT PANEL CENTER)																																				
			<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A11-GC</td> <td>18</td> <td>WH</td> <td>1659673C1</td> </tr> <tr> <td>2</td> <td>A23G</td> <td>18</td> <td>TN</td> <td>1659673C1</td> </tr> <tr> <td>3</td> <td>A23E</td> <td>18</td> <td>TN</td> <td>1659673C1</td> </tr> <tr> <td>4</td> <td>A23DA</td> <td>18</td> <td>TN</td> <td>1659673C1</td> </tr> <tr> <td>5</td> <td>A11-GB</td> <td>18</td> <td>WH</td> <td>1659673C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A11-GC	18	WH	1659673C1	2	A23G	18	TN	1659673C1	3	A23E	18	TN	1659673C1	4	A23DA	18	TN	1659673C1	5	A11-GB	18	WH	1659673C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																
1	A11-GC	18	WH	1659673C1																																
2	A23G	18	TN	1659673C1																																
3	A23E	18	TN	1659673C1																																
4	A23DA	18	TN	1659673C1																																
5	A11-GB	18	WH	1659673C1																																
CONNECTOR 0593385C1 BODY LOCK 0593387C1																																				
SNOW VALVE RELAY (1873G) (LOCATED AT INSTRUMENT PANEL CENTER)																																				
			<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A13A</td> <td>18</td> <td>PK</td> <td>1659673C1</td> </tr> <tr> <td>2</td> <td>A23H</td> <td>18</td> <td>TN</td> <td>1659673C1</td> </tr> <tr> <td>3</td> <td>A23DC</td> <td>18</td> <td>TN</td> <td>1659673C1</td> </tr> <tr> <td>4</td> <td>A23B</td> <td>18</td> <td>TN</td> <td>1659673C1</td> </tr> <tr> <td>5</td> <td>A11-GD</td> <td>18</td> <td>WH</td> <td>1659673C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A13A	18	PK	1659673C1	2	A23H	18	TN	1659673C1	3	A23DC	18	TN	1659673C1	4	A23B	18	TN	1659673C1	5	A11-GD	18	WH	1659673C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																
1	A13A	18	PK	1659673C1																																
2	A23H	18	TN	1659673C1																																
3	A23DC	18	TN	1659673C1																																
4	A23B	18	TN	1659673C1																																
5	A11-GD	18	WH	1659673C1																																
CONNECTOR 0593385C1 BODY LOCK 0593387C1																																				
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																														
0610	12NOV13	INITIAL RELEASE.	A	92218B	MJV0088	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																														
					RELEASE NO.	DATE																														
					92218B	30JUL13																														
					PART NO.	SHEET																														
					AE08058187	54B																														

Figure 786 Connector Composites (1873E), (1873F), (1873G)

13.111. CONNECTOR COMPOSITES (1873H), (1873J), P. 54C

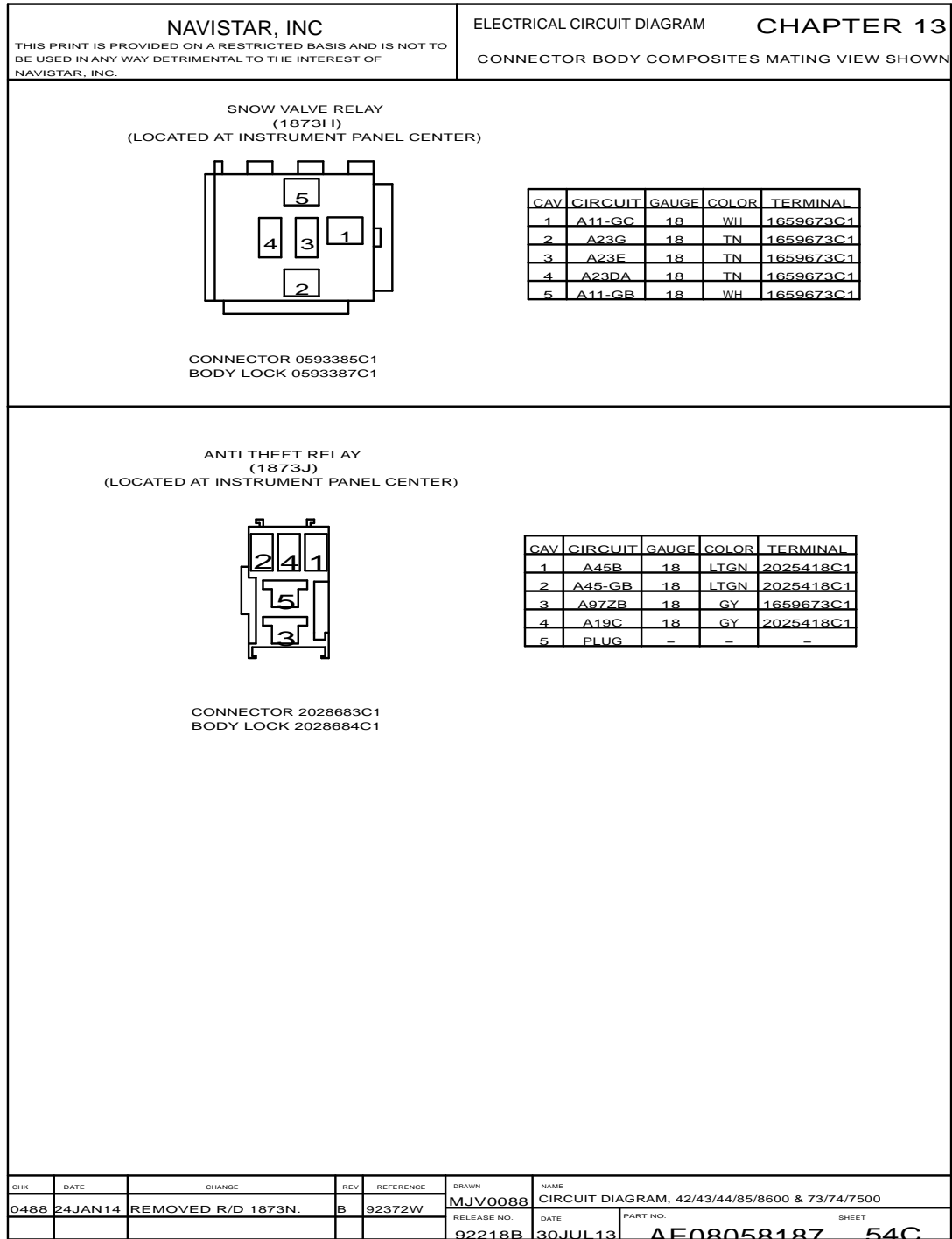


Figure 787 Connector Composites (1873H), (1873J)

13.112. CONNECTOR COMPOSITES (1873W), P. 54D

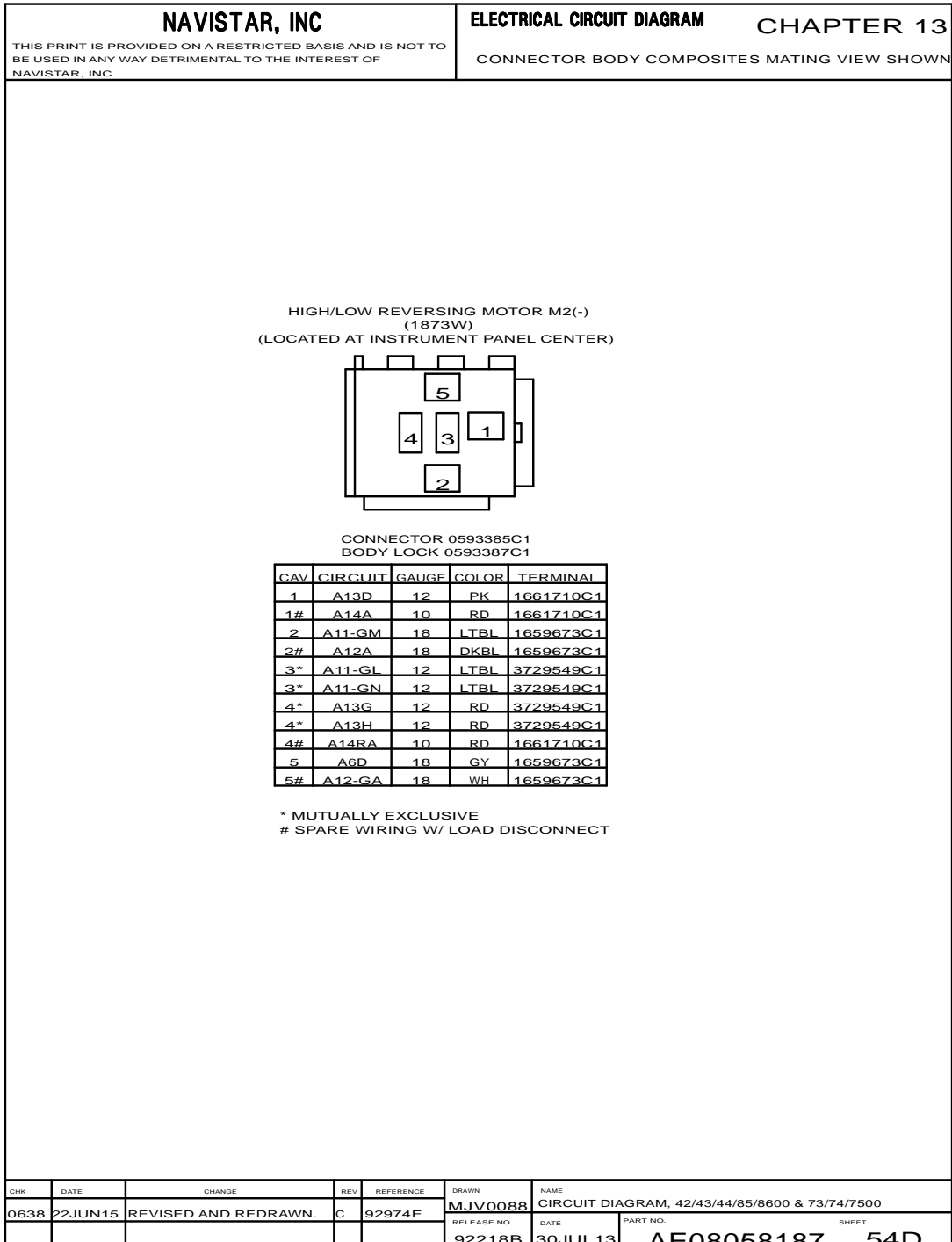


Figure 788 Connector Composites (1873W)

13.113. CONNECTOR COMPOSITES (1873X), (1873Y), (1873Z), P. 54E

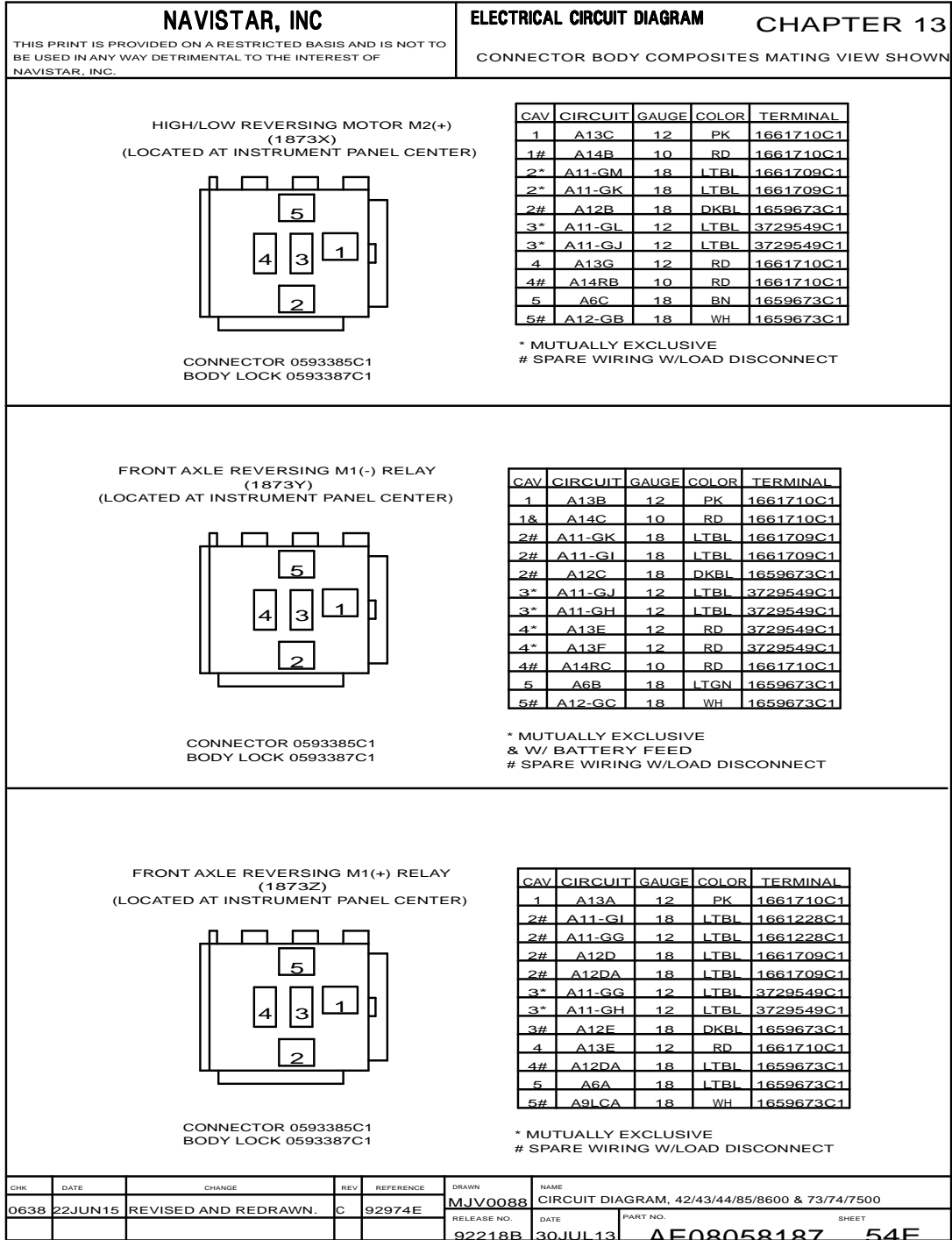


Figure 789 Connector Composites (1873X), (1873Y), (1873Z)

13.114. CONNECTOR COMPOSITES (1874), (1874A), (1874B), P. 54F

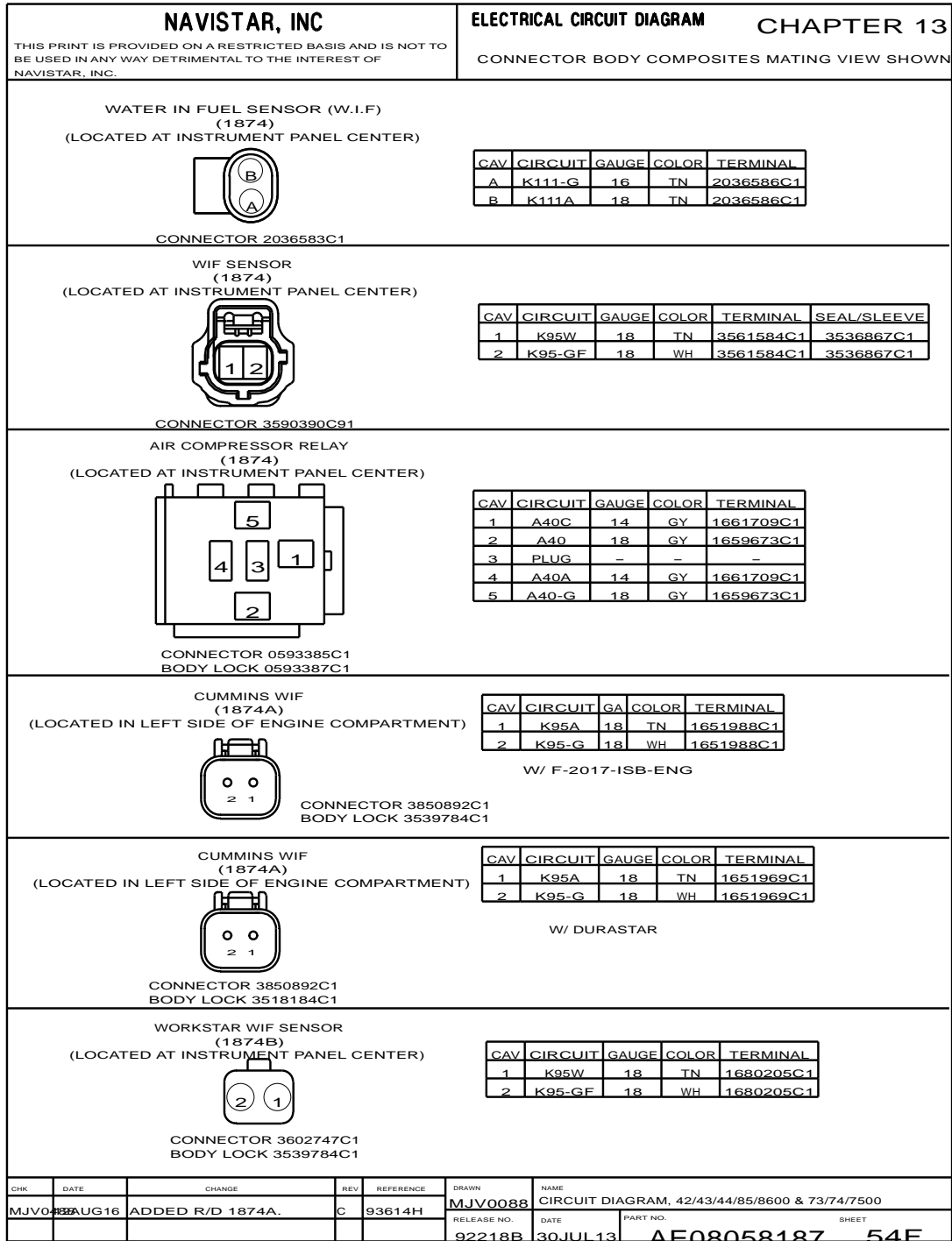


Figure 790 Connector Composites (1874), (1874A), (1874B)

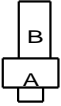


13.115. CONNECTOR COMPOSITES (1900), (1901), (1902), (1903), (1910), (1910A), P. 55

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WHEEL CHAIR LIFT INTERLOCK DIODE  
(1900)  
(LOCATED IN INSTRUMENT PANEL  
NEAR DCM BREAKOUT)




CONNECTOR 0872291R1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A89CB	18	PL	0879630R1
B	A89CE	18	PL	0879630R1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A89CB	18	PL	0879630R1
B	A89CE	18	PL	0879630R1

AUX POWER  
(1901)  
(LOCATED AT INSTRUMENT PANEL CENTER)




CONNECTOR 1661196C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A*	A86RC	14	LTGN	3566715C1
A*	A86PA	16	LTGN	1661208C1
A#	A86PA	16	LTGN	1661209C1
B*	A86-GRC	14	WH	3566715C1
B*	A86-GBB	16	WH	1661208C1
B#	A86-GBB	16	WH	1661209C1

\* MUTUALLY EXCLUSIVE  
# POWER SOURCE-CIGAR LIGHTER

AUX POWER 2  
(1901A)  
(LOCATED AT INSTRUMENT PANEL CENTER)




CONNECTOR 1661196C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A86RD	14	LT GN	3566715C1
B	A86-GRD	14	WH	3566715C1


QUALCOM POWER  
(1902)  
(LOCATED IN RIGHT SIDE INSTRUMENT PANEL)



CONNECTOR 1661201C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A3AB(+)	18	DKBL	1661212C1
B	A3AB(-)	18	GY	1661212C1
C	A14AF	18	RD	1661212C1
D	A11-GBF	18	WH	1661212C1
E	A13FG	18	PK	1661212C1
F	A62B	18	DKBL	1661212C1

CONSOLE CIGAR LIGHTER  
(1903)  
(LOCATED AT CENTER PANEL)




CONNECTOR 3590298C1  
BODY LOCK 3557682C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A84	16	LTGN	3534165C1
B	-	-	-	-
C	A84-G	16	WH	3534165C1


XATA MODULE  
(1910)  
(LOCATED AT RIGHT SIDE BACK OF DOOR)



CONNECTOR 1667305C1  
BODY LOCK 1661263C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A14EA	16	RD	1661261C1
B	A11-GBE	16	WH	1661261C1
C	A3BE(+)	18	DKBL	1661261C1
D	A3BE(-)	18	GY	1661261C1

XATANET MODULE  
(1910A)  
(LOCATED AT RIGHT SIDE BACK OF DOOR)



CONNECTOR 1667305C1  
BODY LOCK 1661263C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A14EA	16	RD	1661261C1
B	A11-GBE	16	WH	1661261C1
C*	A3BE(+)	18	DKBL	1661261C1
C#	A5CG(+)	18	YL	1661261C1
D*	A3BE(-)	18	GY	1661261C1
D#	A5CG(-)	18	GN	1661261C1

\* XATA PREWIRE W/1708 DATALINK  
# XATA PREWIRE W/1939 DATALINK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJVO	09SEP17	ADDED R/D 1901A.	H	94139C	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					61229V	09JUN09
						PART NO.
						AE08058187
						SHEET
						055

Figure 791 Connector Composites (1900), (1901), (1902), (1903), (1910), (1910A)

13.116. CONNECTOR COMPOSITES (1911), (1917), (1918), (1918A), (1919A), (1920), P. 55A

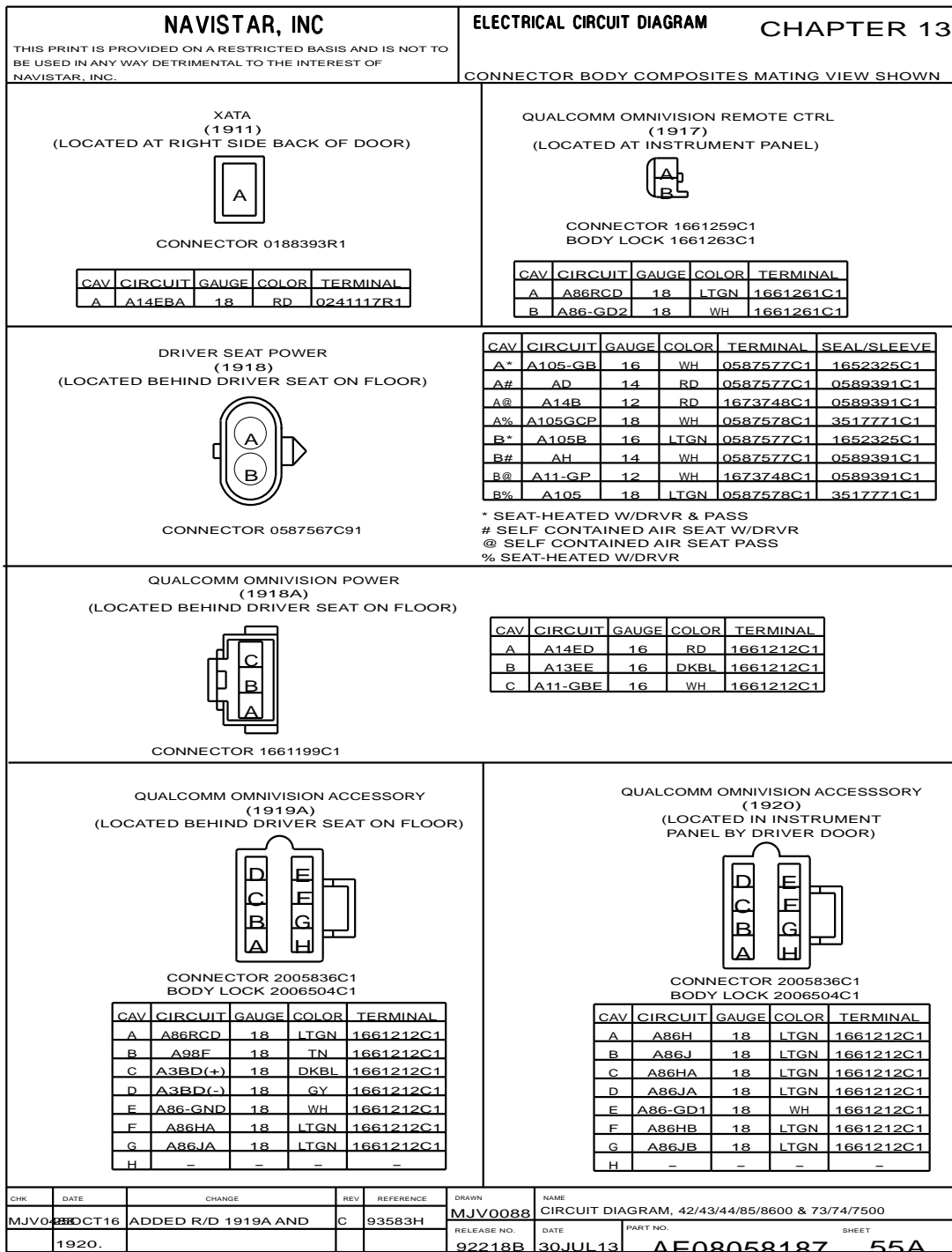


Figure 792 Connector Composites (1911), (1917), (1918), (1918A), (1919A), (1920)

13.117. CONNECTOR COMPOSITES (1921), (1924), (1927), (1929), P. 56

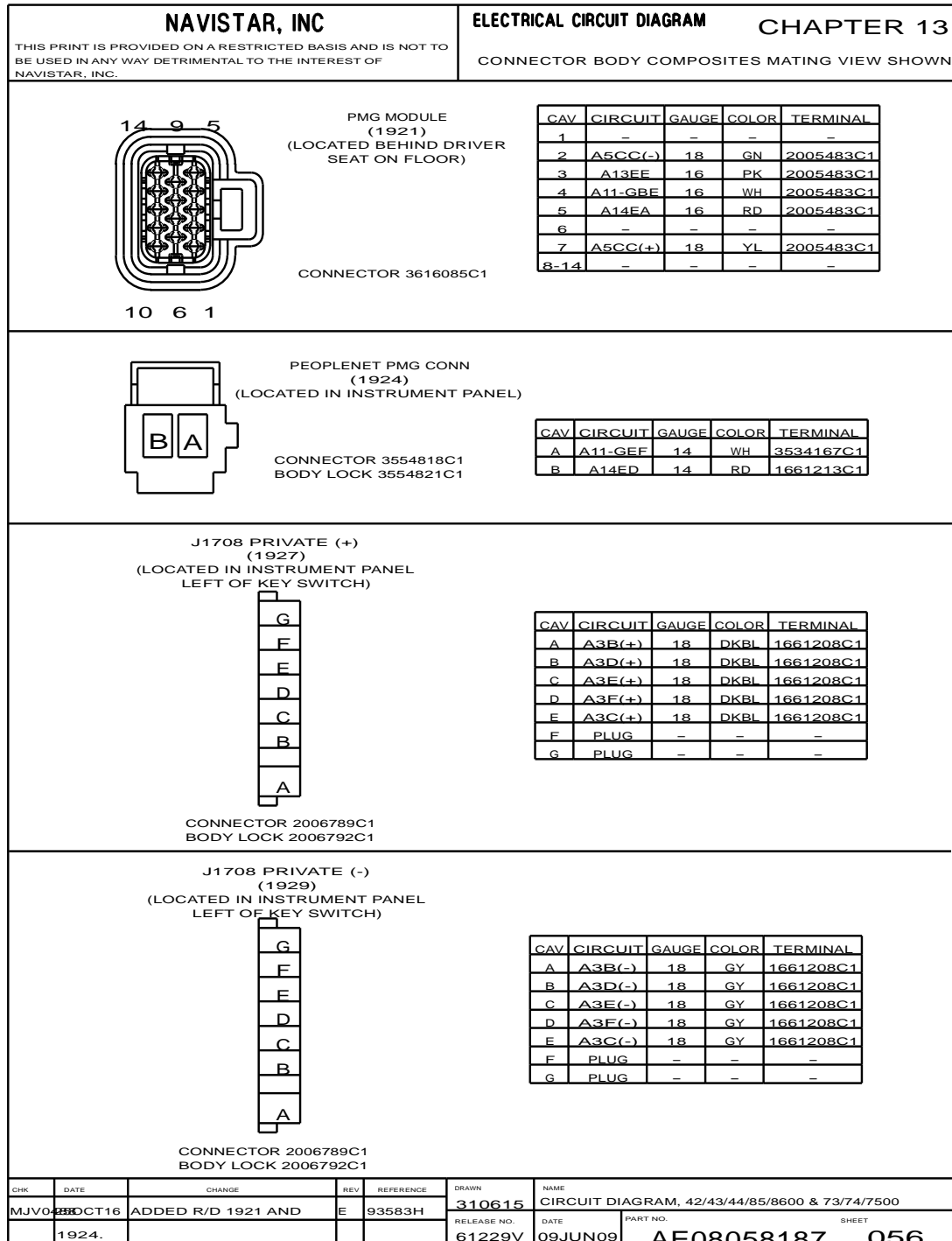


Figure 793 Connector Composites (1921), (1924), (1927), (1929)

13.118. CONNECTOR COMPOSITES (1935), (1936M), (1937N), (1938M), (1939), P. 57

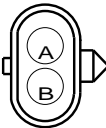
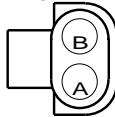
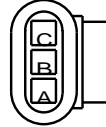
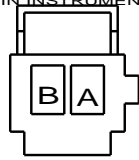
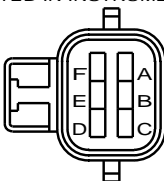
<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 13</b>																																											
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<p>HEATED SEAT PASSENGER (1935) (LOCATED BEHIND PASSENGER SEAT ON FLOOR)</p> 				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A*</td> <td>A105-GA</td> <td>16</td> <td>WH</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>A*</td> <td>A14C</td> <td>12</td> <td>RD</td> <td>1673748C1</td> <td>0589391C1</td> </tr> <tr> <td>B*</td> <td>A105A</td> <td>16</td> <td>LTGN</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>B*</td> <td>A11-GR</td> <td>12</td> <td>WH</td> <td>1673748C1</td> <td>0589391C1</td> </tr> </tbody> </table> <p>*MUTUALLY EXCLUSIVE CONNECTOR 0587567C91</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	A105-GA	16	WH	0587577C1	1652325C1	A*	A14C	12	RD	1673748C1	0589391C1	B*	A105A	16	LTGN	0587577C1	1652325C1	B*	A11-GR	12	WH	1673748C1	0589391C1												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																												
A*	A105-GA	16	WH	0587577C1	1652325C1																																												
A*	A14C	12	RD	1673748C1	0589391C1																																												
B*	A105A	16	LTGN	0587577C1	1652325C1																																												
B*	A11-GR	12	WH	1673748C1	0589391C1																																												
<p>OMNIVISION PTO (1936M) (LOCATED IN RIGHT SIDE IN INSTRUMENT PANEL)</p> 				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A59DA</td> <td>18</td> <td>GY</td> <td>0587576C1</td> <td>3517771C1</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>0587579C1</td> <td>-</td> </tr> </tbody> </table> <p>CONNECTOR 0587568C91</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A59DA	18	GY	0587576C1	3517771C1	B	PLUG	-	-	0587579C1	-																								
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																												
A	A59DA	18	GY	0587576C1	3517771C1																																												
B	PLUG	-	-	0587579C1	-																																												
<p>QUALCOMM OMNI ACCESSORY (1937N) (LOCATED BEHIND DRIVER SEAT ON FLOOR)</p> 				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A5Y(+)</td> <td>18</td> <td>YL</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>2025431C1</td> <td>-</td> </tr> <tr> <td>C</td> <td>A5Y(-)</td> <td>18</td> <td>GN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table> <p>CONNECTOR 1667741C1 BODY LOCK 166771C1</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A5Y(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	C	A5Y(-)	18	GN	1661875C1	3568570C1																		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																												
A	A5Y(+)	18	YL	1661875C1	3568570C1																																												
B	PLUG	-	-	2025431C1	-																																												
C	A5Y(-)	18	GN	1661875C1	3568570C1																																												
<p>PEOPLENET CONN (1938M) (LOCATED IN INSTRUMENT PANEL)</p> 				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A11-GBF</td> <td>14</td> <td>WH</td> <td>3534167C1</td> </tr> <tr> <td>B</td> <td>A14EA</td> <td>14</td> <td>RD</td> <td>1661213C1</td> </tr> </tbody> </table> <p>CONNECTOR 3554818C1 BODY LOCK 3554821C1</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A11-GBF	14	WH	3534167C1	B	A14EA	14	RD	1661213C1																											
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																													
A	A11-GBF	14	WH	3534167C1																																													
B	A14EA	14	RD	1661213C1																																													
<p>PEOPLENET COMMUNICATIONS (1939) (LOCATED IN INSTRUMENT PANEL)</p> 				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A3BD(+)</td> <td>18</td> <td>DKBL</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>B</td> <td>A3BD(-)</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>C</td> <td>A14ED</td> <td>18</td> <td>RD</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>D</td> <td>A11-GBE</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>E</td> <td>A13EE</td> <td>18</td> <td>PK</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>F</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>2025431C1</td> <td>-</td> </tr> </tbody> </table> <p>CONNECTOR 2011340C1 BODY LOCK 2011364C1</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A3BD(+)	18	DKBL	1661875C1	3568570C1	B	A3BD(-)	18	GY	1661875C1	3568570C1	C	A14ED	18	RD	1661875C1	1661872C1	D	A11-GBE	18	WH	1661875C1	3568570C1	E	A13EE	18	PK	1661875C1	3568570C1	F	PLUG	-	-	2025431C1	-
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																												
A	A3BD(+)	18	DKBL	1661875C1	3568570C1																																												
B	A3BD(-)	18	GY	1661875C1	3568570C1																																												
C	A14ED	18	RD	1661875C1	1661872C1																																												
D	A11-GBE	18	WH	1661875C1	3568570C1																																												
E	A13EE	18	PK	1661875C1	3568570C1																																												
F	PLUG	-	-	2025431C1	-																																												
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																											
MJVO	03 OCT 16	REVISED AND REDRAWN.	E	93583H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																											
					RELEASE NO.	DATE	PART NO.																																										
					61229V	09 JUN 09	AE08058187																																										
							SHEET 057																																										

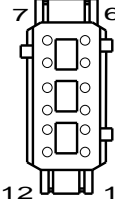
Figure 794 Connector Composites (1935), (1936M), (1937N), (1938M), (1939)

13.119. CONNECTOR COMPOSITES (1939M), (1941), (1942F), P. 57A

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PEOPLENET VID INPUT  
(1939M)  
(LOCATED IN INSTRUMENT PANEL)

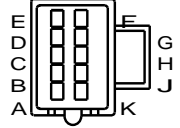


CONNECTOR 3553404C1  
BODY LOCK 3553460C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	PLUG	-	-	3527276C1
2	PLUG	-	-	3527276C1
3	PLUG	-	-	3527276C1
4	A3BD(+)	18	DKBL	3518963C1
5	A3BD(-)	18	GY	3518963C1
6	PLUG	-	-	3527276C1
7	PLUG	-	-	3527276C1
8	PLUG	-	-	3527276C1
9	PLUG	-	-	3527276C1
10	PLUG	-	-	3527276C1
11	A5CC(-)	18	GN	3518963C1
12	A5CC(+)	18	YL	3518963C1

TSS CONN 2  
(1941)  
(LOCATED BEHIND CENTRAL  
PANEL LEFT SIDE)

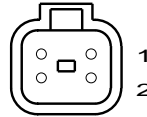


CONNECTOR 3540613C1  
BODY LOCK 3540615C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A68E	18	BN	1661262C1
B	A68F	18	BN	1661262C1
C	A68TS	16	BN	1661262C1
D	A94T	18	GY	1661262C1
E	A70T	18	RD	1661262C1
F	A56C	18	YL	1661262C1
G	A56TS	16	YL	1661262C1
H	A57C	18	LTGN	1661262C1
J	A57TS	16	LTGN	1661262C1
K	A54TS	16	BN	1661262C1

VS-400 SIDE DISPLAY  
(1942F)  
(LOCATED IN RIGHT SIDE  
'A' PILLAR)



CONNECTOR 3673259C1  
BODY LOCK 3503599C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A67V	18	GY	1680206C1
2	A67W	18	GY	1680206C1
3	A67U	18	GY	1680206C1
4	A57	18	OR	1680206C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJVO	03OCT16	REVISED AND REDRAWN.	E	93583H	23069371	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					74736R	03DEC10
						PART NO.
						AE08058187
						SHEET
						57A


Figure 795 Connector Composites (1939M), (1941), (1942F)

13.120. CONNECTOR COMPOSITES (1943M), (1946), (1947), P. 57B

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 13</b>	
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VS-400 DRIVER DISPLAY/BENDIX WINGMAN  
DRIVER DISPLAY  
(1943M)  
(LOCATED IN INSTRUMENT PANEL  
RIGHT SIDE)



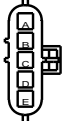
CONNECTOR 3673332C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1-3	-	-	-	-
4	A67AC	18	PK	3673333C1
4#	A67E	20	PK	3673333C1
5	A67-GB	18	WH	3673333C1
5#	A67-GD	20	WH	3673333C1
6*	A5RM(-)	18	GN	3673333C1
6*	A5J(-)	18	GN	3673332C1
6*	A5CA(-)	18	GN	3673333C1
6*	A5E(-)	18	GN	3673333C1
6%	A5H(-)	20	GN	3673333C1
7*	A5RM(+)	18	YL	3673333C1
7	A5J(+)	18	YL	3673332C1
7*	A5CA(+)	18	YL	3673333C1
7*	A5E(+)	18	YL	3673333C1
7%	A5H(+)	20	YL	3673333C1
8	-	-	-	-

\* MUTUALLY EXCLUSIVE  
# W/ BENDIX FUSION  
% W/ J1939 W/ BENDIX FUSION

TSS CONN 1  
(1946)  
(LOCATED BEHIND CENTRAL PANEL LEFT SIDE)




CONNECTOR 1677851C1  
BODY LOCK 1677914C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	A94P	16	GY	2033911C1	1652325C1
B	A70TS	14	RD	2033912C1	1652325C1
C	A55A	12	OR	2033912C1	0589391C1
D	A14T	10	RD	1687848C1	0589390C1
E	A11-TSS	10	WH	1687848C1	0589390C1

TSS CONN.3  
(1947)  
(LOCATED BEHIND CENTRAL PANEL LEFT SIDE)



CONNECTOR 3515763C1  
BODY LOCK 3515765C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	-	-	-	-
B	-	-	-	-
C	-	-	-	-
D	-	-	-	-
E	A54ST	18	BN	1661262C1
F	A54SL	18	BN	1661262C1
G	A54SV	18	BN	1661262C1
H	A54SA	18	BN	1661262C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJV	09SEP17	REVISED AND REDRAWN.	K	94139C	23069371	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					74736R	09FEB11
						PART NO.
						AE08058187
						SHEET
						57B

Figure 796 Connector Composites (1943M), (1946), (1947)

13.121. CONNECTOR COMPOSITES (1948), (1949), (1956), (1957), P. 57C

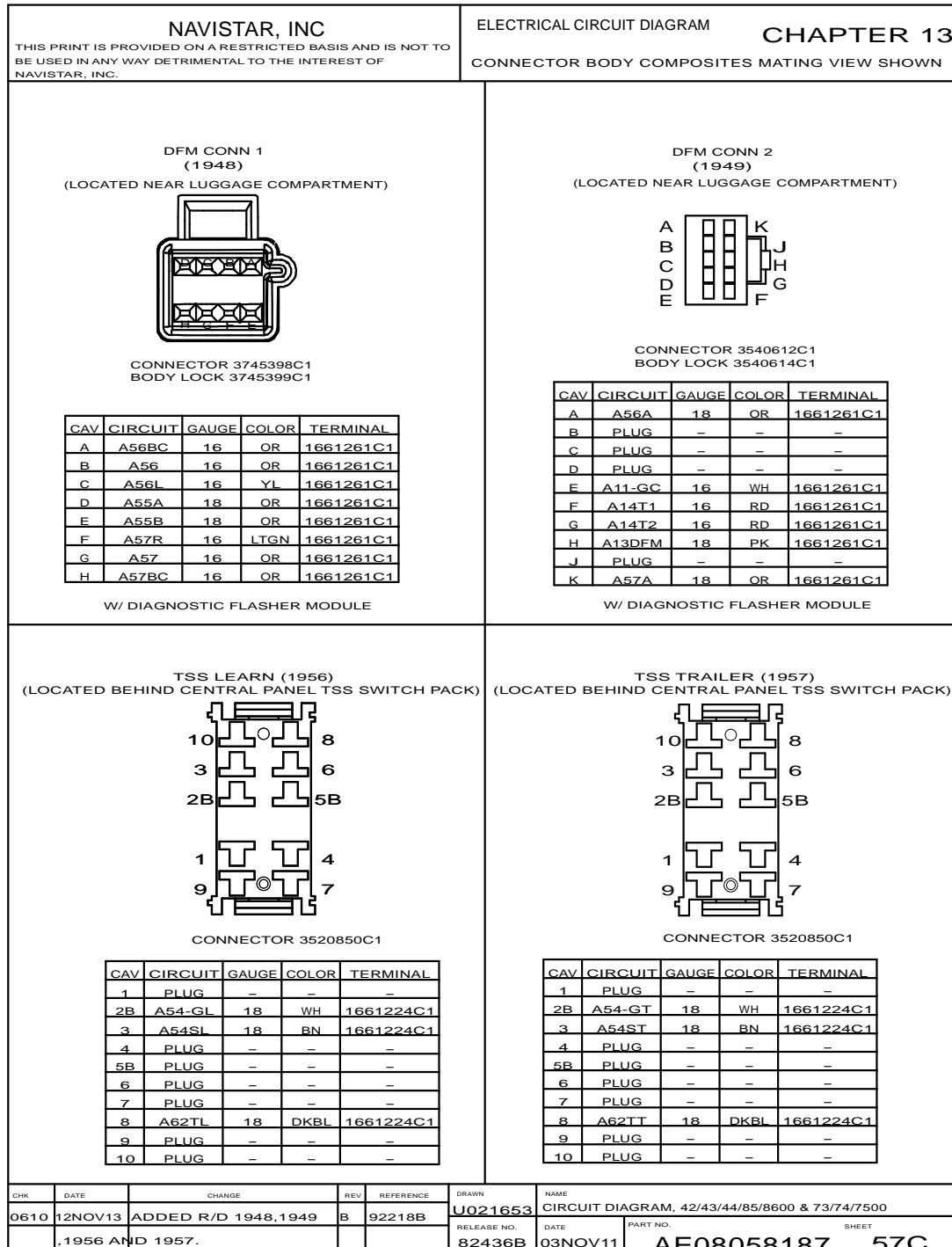


Figure 797 Connector Composites (1948), (1949), (1956), (1957)

13.122. CONNECTOR COMPOSITES (1958), (1959), (1961), (1962), P. 57D

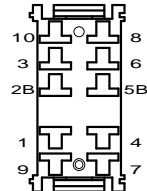
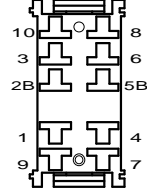
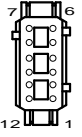
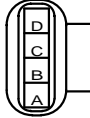
<p style="text-align: center;"><b>NAVISTAR, INC</b></p> <p style="font-size: small;">THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>	<p style="text-align: right;">ELECTRICAL CIRCUIT DIAGRAM      <b>CHAPTER 13</b></p> <p style="text-align: center;">CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p>																																																																											
<p style="text-align: center;">TSS 24V/12V (1958) (LOCATED BEHIND CENTRAL PANEL TSS SWITCH PACK)</p>  <p style="text-align: center;">CONNECTOR 3520850C1</p>	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2B</td><td>A54-GV</td><td>18</td><td>WH</td><td>1661224C1</td></tr> <tr><td>3</td><td>A54SV</td><td>18</td><td>BN</td><td>1661224C1</td></tr> <tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5B</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>8</td><td>A62TV</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr> <tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	PLUG	-	-	-	2B	A54-GV	18	WH	1661224C1	3	A54SV	18	BN	1661224C1	4	PLUG	-	-	-	5B	PLUG	-	-	-	6	PLUG	-	-	-	7	PLUG	-	-	-	8	A62TV	18	DKBL	1661224C1	9	PLUG	-	-	-	10	PLUG	-	-	-																				
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<p style="text-align: center;">TSS ALARM (1959) (LOCATED BEHIND CENTRAL PANEL TSS SWITCH PACK)</p>  <p style="text-align: center;">CONNECTOR 3520850C1</p>	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2B</td><td>A54-GA</td><td>18</td><td>WH</td><td>1661224C1</td></tr> <tr><td>3</td><td>A54SA</td><td>18</td><td>BN</td><td>1661224C1</td></tr> <tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5B</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>8</td><td>A62TA</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr> <tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	PLUG	-	-	-	2B	A54-GA	18	WH	1661224C1	3	A54SA	18	BN	1661224C1	4	PLUG	-	-	-	5B	PLUG	-	-	-	6	PLUG	-	-	-	7	PLUG	-	-	-	8	A62TA	18	DKBL	1661224C1	9	PLUG	-	-	-	10	PLUG	-	-	-																				
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<p style="text-align: center;">DATA LINK TRANSLATOR (1961) (LOCATED IN CAB)</p>  <p style="text-align: center;">CONNECTOR 3586750C1 BODY LOCK 3553460C1</p>	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>A98M</td><td>18</td><td>BK</td><td>3518963C1</td></tr> <tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6*</td><td>A5MA(+)</td><td>18</td><td>YL</td><td>3518963C1</td></tr> <tr><td>6*</td><td>A5M(+)</td><td>18</td><td>YL</td><td>3518963C1</td></tr> <tr><td>7*</td><td>A5MA(-)</td><td>18</td><td>GN</td><td>3518963C1</td></tr> <tr><td>7*</td><td>A5M(-)</td><td>18</td><td>GN</td><td>3518963C1</td></tr> <tr><td>8</td><td>A3M(+)</td><td>18</td><td>LTRB</td><td>3518963C1</td></tr> <tr><td>9</td><td>A3M(-)</td><td>18</td><td>GY</td><td>3518963C1</td></tr> <tr><td>10</td><td>A98-GB</td><td>18</td><td>WH</td><td>3518963C1</td></tr> <tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>12</td><td>A98-GC</td><td>18</td><td>WH</td><td>3518963C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">* MUTUALLY EXCLUSIVE</p>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A98M	18	BK	3518963C1	2	PLUG	-	-	-	3	PLUG	-	-	-	4	PLUG	-	-	-	5	PLUG	-	-	-	6*	A5MA(+)	18	YL	3518963C1	6*	A5M(+)	18	YL	3518963C1	7*	A5MA(-)	18	GN	3518963C1	7*	A5M(-)	18	GN	3518963C1	8	A3M(+)	18	LTRB	3518963C1	9	A3M(-)	18	GY	3518963C1	10	A98-GB	18	WH	3518963C1	11	PLUG	-	-	-	12	A98-GC	18	WH	3518963C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																								
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<p style="text-align: center;">WIF CONNECTOR (1962) (LOCATED IN CAB)</p>  <p style="text-align: center;">CONNECTOR 2036585C1</p>	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A111C</td><td>18</td><td>PK</td><td>2036586C1</td></tr> <tr><td>B</td><td>A111B</td><td>18</td><td>TN</td><td>2036586C1</td></tr> <tr><td>C</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>D</td><td>A111A</td><td>18</td><td>TN</td><td>2036586C1</td></tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A111C	18	PK	2036586C1	B	A111B	18	TN	2036586C1	C	PLUG	-	-	-	D	A111A	18	TN	2036586C1																																																		
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Figure 798 Connector Composites (1958), (1959), (1961), (1962)



13.123. CONNECTOR COMPOSITES (1964), P. 57E

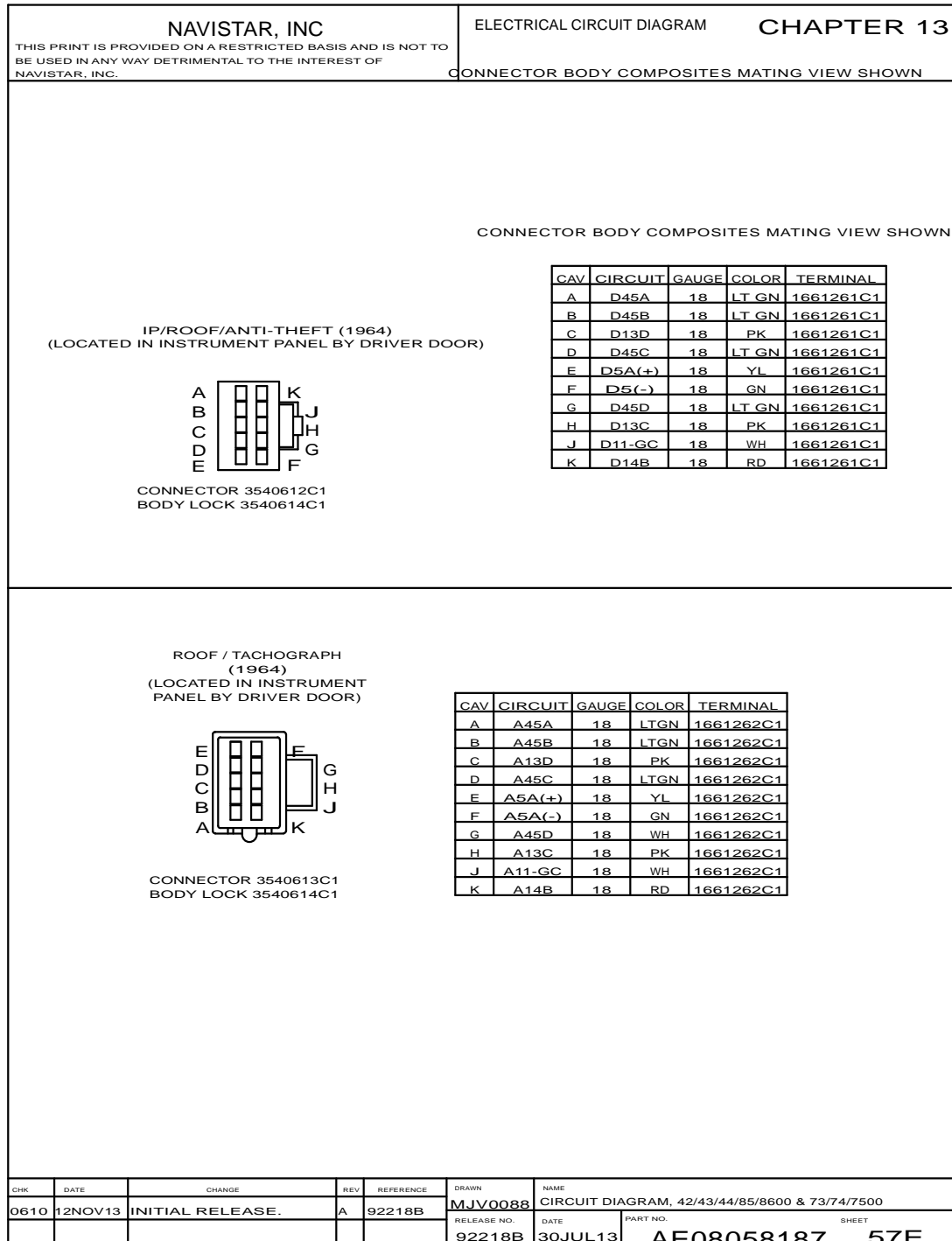


Figure 799 Connector Composites (1964)



13.125. CONNECTOR COMPOSITES (1979A), (1981), (2000), (2000F), P. 57G

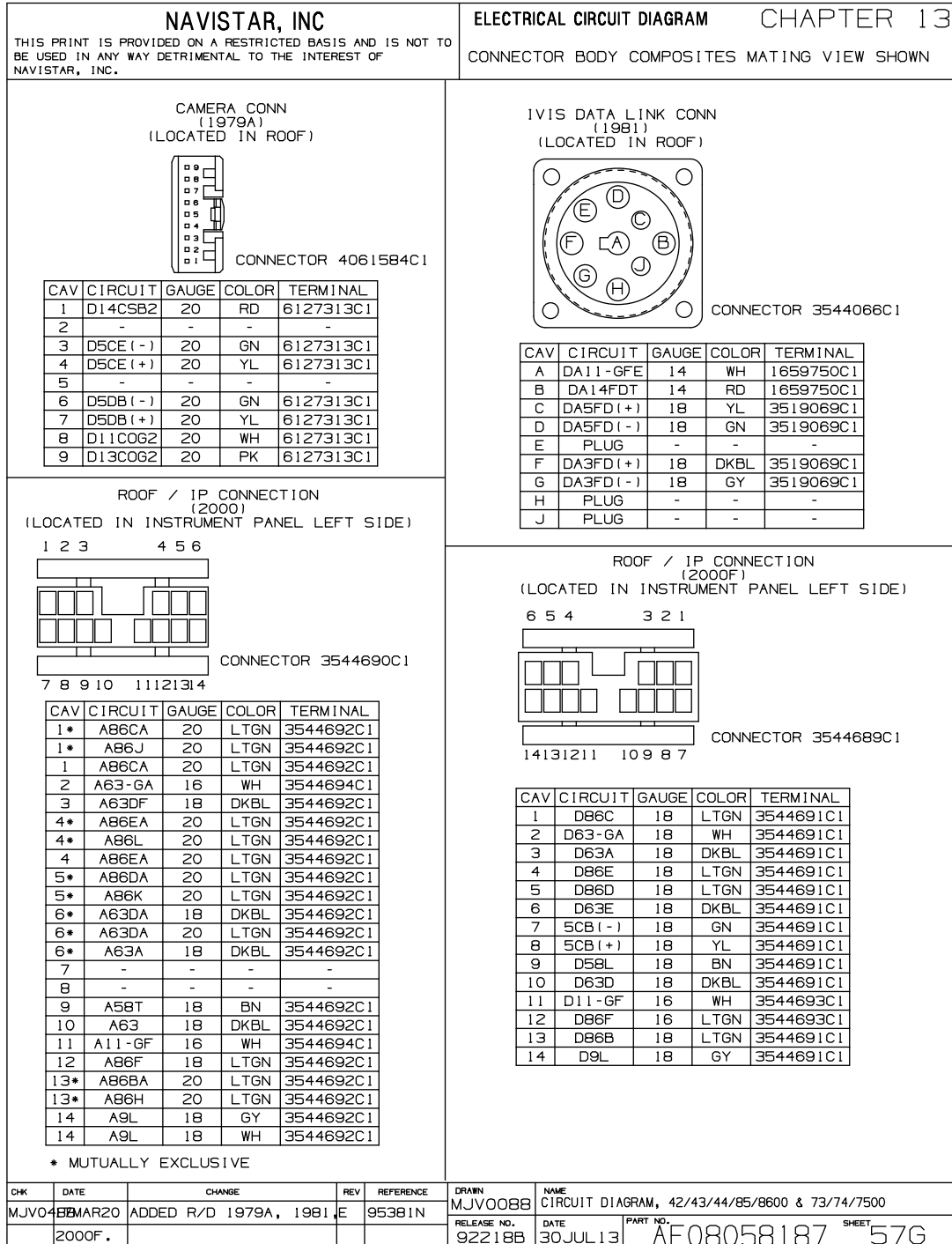


Figure 801 Connector Composites (1979A), (1981), (2000), (2000F)

13.126. CONNECTOR COMPOSITES (2002M), (2003M), (2004M), (2005M), (2006M), (2021), (2118M), (2119M), (2120M), (2021M), (2200), P. 57H

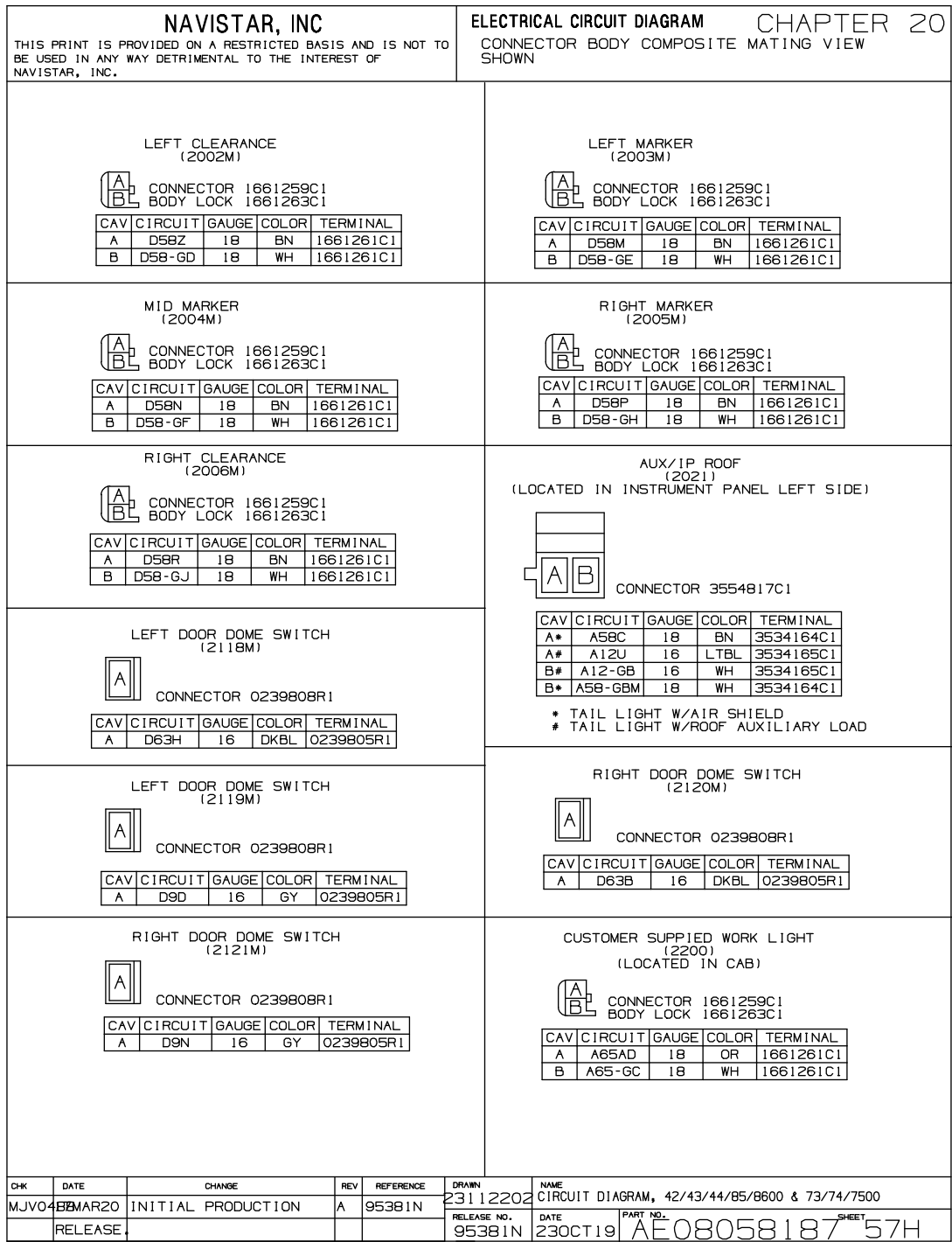


Figure 802 Connector Composites (2002M), (2003M), (2004M), (2005M), (2006M), (2021), (2118M), (2119M), (2120M), (2021M), (2200)

13.127. CONNECTOR COMPOSITES (2021), (2200), (2201), (2202), (2203), (2223), P. 58




NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13																													
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<p>AUX/IP ROOF (2021) (LOCATED IN INSTRUMENT PANEL LEFT SIDE)</p>  <p>CONNECTOR 3554817C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A*</td> <td>A58C</td> <td>18</td> <td>BN</td> <td>3534164C1</td> </tr> <tr> <td>A#</td> <td>A12U</td> <td>16</td> <td>LTBL</td> <td>3534165C1</td> </tr> <tr> <td>B#</td> <td>A12-GB</td> <td>16</td> <td>WH</td> <td>3534165C1</td> </tr> <tr> <td>B*</td> <td>A58-GBM</td> <td>18</td> <td>WH</td> <td>3534164C1</td> </tr> </tbody> </table> <p>* TAIL LIGHT W/AIR SHIELD # TAIL LIGHT W/ROOF AUXILIARY LOAD</p>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A*	A58C	18	BN	3534164C1	A#	A12U	16	LTBL	3534165C1	B#	A12-GB	16	WH	3534165C1	B*	A58-GBM	18	WH	3534164C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																			
A*	A58C	18	BN	3534164C1																																			
A#	A12U	16	LTBL	3534165C1																																			
B#	A12-GB	16	WH	3534165C1																																			
B*	A58-GBM	18	WH	3534164C1																																			
<p>CUSTOMER SUPPLIED WORK LIGHT (2200) (LOCATED IN CAB)</p>  <p>CONNECTOR 1661259C1 BODY LOCK 1661263C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A65AD</td> <td>18</td> <td>OR</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A65-GC</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A65AD	18	OR	1661261C1	B	A65-GC	18	WH	1661261C1										
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A	A65AD	18	OR	1661261C1																																			
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<p>CUSTOMER SUPPLIED WORK LIGHT (2201) (LOCATED IN CAB)</p>  <p>CONNECTOR 1661259C1 BODY LOCK 1661263C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A65-GD</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A65AE</td> <td>18</td> <td>OR</td> <td>1661261C1</td> </tr> </tbody> </table>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A65-GD	18	WH	1661261C1	B	A65AE	18	OR	1661261C1										
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A	A65-GD	18	WH	1661261C1																																			
B	A65AE	18	OR	1661261C1																																			
<p>CUSTOMER SUPPLIED WORK LIGHT (2202) (LOCATED IN CAB)</p>  <p>CONNECTOR 1661259C1 BODY LOCK 1661263C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A65AD</td> <td>18</td> <td>OR</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A65-GC</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A65AD	18	OR	1661261C1	B	A65-GC	18	WH	1661261C1										
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<p>CUSTOMER SUPPLIED WORK LIGHT (2203) (LOCATED IN CAB)</p>  <p>CONNECTOR 1661259C1 BODY LOCK 1661263C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A65-GD</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A65AE</td> <td>18</td> <td>OR</td> <td>1661261C1</td> </tr> </tbody> </table>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A65-GD	18	WH	1661261C1	B	A65AE	18	OR	1661261C1										
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A	A65-GD	18	WH	1661261C1																																			
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<p>RAND MCNALLY GPS DISPLAY (2223) (LOCATED IN INSTRUMENT PANEL-CENTER)</p>  <p>CONNECTOR 1669972C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A12A</td> <td>18</td> <td>LTBL</td> <td>1661208C1</td> </tr> <tr> <td>B</td> <td>A10AE</td> <td>18</td> <td>WH</td> <td>1661208C1</td> </tr> </tbody> </table>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A12A	18	LTBL	1661208C1	B	A10AE	18	WH	1661208C1										
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A	A12A	18	LTBL	1661208C1																																			
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																	
0488	25JUN14	ADDED R/D 2021.	H	92603H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																	
					RELEASE NO.	DATE	PART NO.	SHEET																															
					61229V	09JUN09	AE08058187	058																															

Figure 803 Connector Composites (2021), (2200), (2201), (2202), (2203), (2223)

13.128. CONNECTOR COMPOSITES (2224), (2225), (2501), (2502), P. 58A

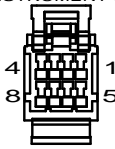



<b>NAVISTAR, INC</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM <b>CHAPTER 13</b> CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																						
POWER DISPLAY (2224) (LOCATED IN INSTRUMENT PANEL CENTER)																																																																																										
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3	A12SE	20	LTBL	3535805C1																																																																																						
4	PLUG	-	-	-																																																																																						
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7	A86B(-)	20	LTGN	3535805C1																																																																																						
8	PLUG	-	-	-																																																																																						
CONNECTOR 3833917C1																																																																																										
I/O MIC DISPLAY (2225) (LOCATED IN INSTRUMENT PANEL CENTER)																																																																																										
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																						
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2	PLUG	-	-	-																																																																																						
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16	A5C(-)	20	LTGN	3867325C1																																																																																						
CONNECTOR 3834322C1																																																																																										
TACHOGRAPH CONN 1 (2501) (LOCATED IN INSTRUMENT PANEL LEFT SIDE)																																																																																										
		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>D14A</td><td>18</td><td>RD</td><td>3548971C1</td></tr> <tr><td>2</td><td>D62C</td><td>18</td><td>DK BL</td><td>3548971C1</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>3548971C1</td></tr> <tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>3548971C1</td></tr> <tr><td>5</td><td>D11-GBA</td><td>18</td><td>WH</td><td>3548971C1</td></tr> <tr><td>6</td><td>D11-GBB</td><td>18</td><td>WH</td><td>3548971C1</td></tr> <tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>3548971C1</td></tr> <tr><td>8</td><td>PLUG</td><td>-</td><td>-</td><td>3548971C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	D14A	18	RD	3548971C1	2	D62C	18	DK BL	3548971C1	3	PLUG	-	-	3548971C1	4	PLUG	-	-	3548971C1	5	D11-GBA	18	WH	3548971C1	6	D11-GBB	18	WH	3548971C1	7	PLUG	-	-	3548971C1	8	PLUG	-	-	3548971C1																																								
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7	PLUG	-	-	3548971C1																																																																																						
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CONNECTOR 3719275C1																																																																																										
TACHOGRAPH CONN 2 (2502) (LOCATED IN INSTRUMENT PANEL LEFT SIDE)																																																																																										
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CONNECTOR 3719276C1																																																																																										
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																				
0610	12NOV13	ADDED R/D 2224,2225,	B	92218B	U021653	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																																				
	2501 & 2502.				RELEASE NO. 91776J	DATE 30NOV12      PART NO. AE08058187      SHEET 58A																																																																																				

Figure 804 Connector Composites (2224), (2225), (2501), (2502)

13.129. CONNECTOR COMPOSITES (2503), (2505), (2600), (2701), (2702), P. 58B

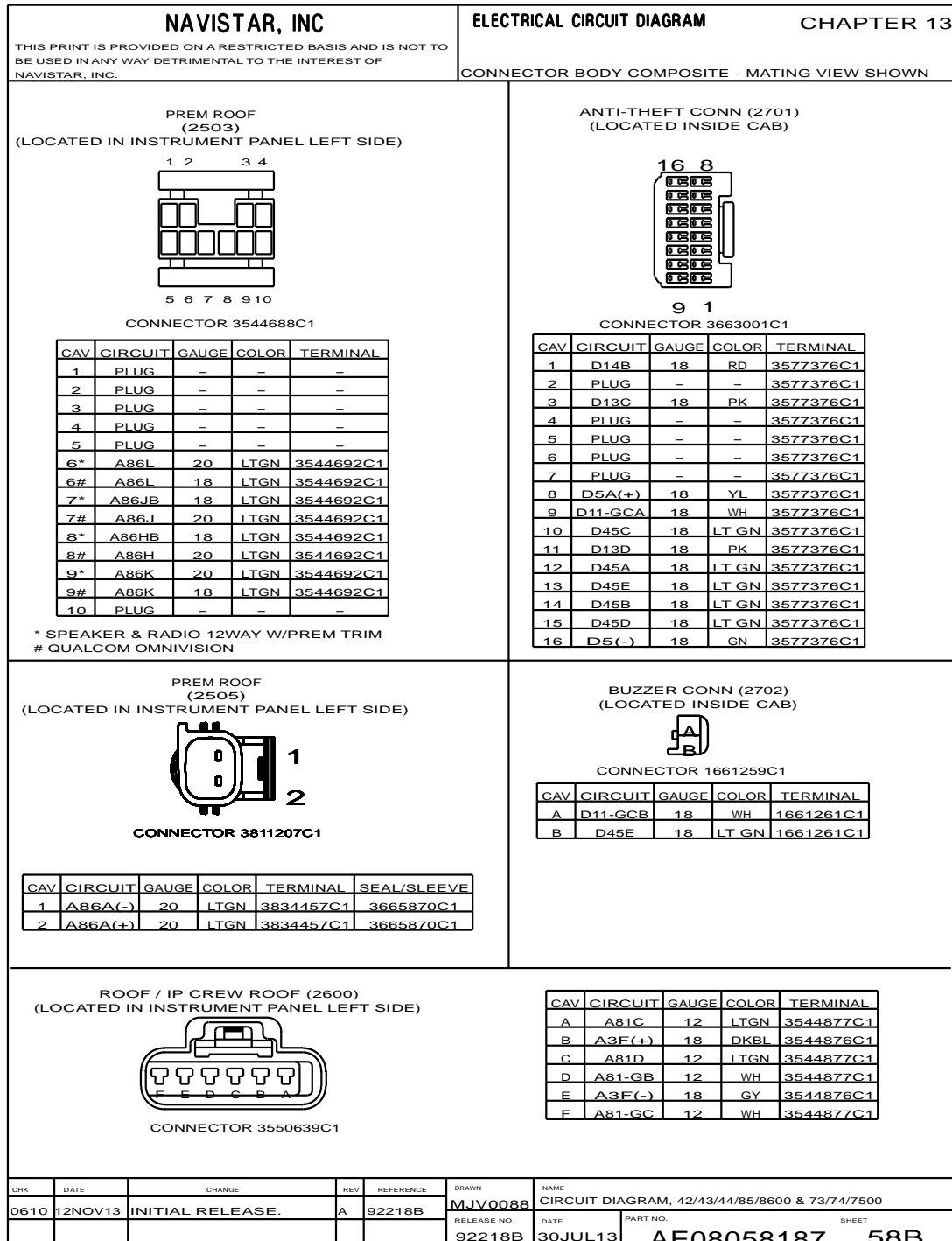


Figure 805 Connector Composites (2503), (2505), (2600), (2701), (2702)

13.130. CONNECTOR COMPOSITES (3000), (3001), (3002M), (3003), (3004), P. 59

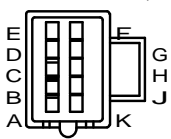

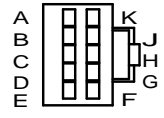
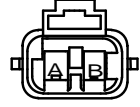
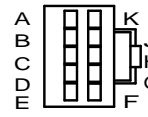

<p style="text-align: center;"><b>NAVISTAR, INC</b></p> <p style="font-size: small;">THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p> <p style="text-align: center;">DOOR / IP INTERCONNECT (3000) (LOCATED IN INSTRUMENT PANEL BY DRIVER DOOR)</p>  <p style="text-align: center;">CONNECTOR 3540613C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>E78A</td><td>18</td><td>LT GN</td><td>1661262C1</td></tr> <tr><td>B</td><td>E78-G</td><td>18</td><td>WH</td><td>1661262C1</td></tr> <tr><td>C</td><td>E62AT</td><td>18</td><td>DK BL</td><td>1661262C1</td></tr> <tr><td>D</td><td>E78F</td><td>16</td><td>LT GN</td><td>1661262C1</td></tr> <tr><td>E</td><td>E78P</td><td>20</td><td>LT GN</td><td>3534481C1</td></tr> <tr><td>F</td><td>E78U</td><td>18</td><td>LT GN</td><td>1661262C1</td></tr> <tr><td>G</td><td>E78W</td><td>20</td><td>LT GN</td><td>3534481C1</td></tr> <tr><td>H</td><td>E78Y</td><td>20</td><td>LT GN</td><td>3534481C1</td></tr> <tr><td>J</td><td>E78AA</td><td>20</td><td>LT GN</td><td>3534481C1</td></tr> <tr><td>K</td><td>E78AC</td><td>20</td><td>LT GN</td><td>3534481C1</td></tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	E78A	18	LT GN	1661262C1	B	E78-G	18	WH	1661262C1	C	E62AT	18	DK BL	1661262C1	D	E78F	16	LT GN	1661262C1	E	E78P	20	LT GN	3534481C1	F	E78U	18	LT GN	1661262C1	G	E78W	20	LT GN	3534481C1	H	E78Y	20	LT GN	3534481C1	J	E78AA	20	LT GN	3534481C1	K	E78AC	20	LT GN	3534481C1	<p style="text-align: center;"><b>ELECTRICAL CIRCUIT DIAGRAM</b>      <b>CHAPTER 13</b></p> <p style="text-align: center;">CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p> <p style="text-align: center;">HEATED WINDSHIELD LEFT SIDE (3001) (LOCATED IN INSTRUMENT PANEL BY DRIVER DOOR)</p>  <p style="text-align: center;">CONNECTOR 0899167R1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A78C</td> <td>14</td> <td>BK</td> <td>0188396R1</td> </tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A78C	14	BK	0188396R1																									
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E	E78P	20	LT GN	3534481C1																																																																																							
F	E78U	18	LT GN	1661262C1																																																																																							
G	E78W	20	LT GN	3534481C1																																																																																							
H	E78Y	20	LT GN	3534481C1																																																																																							
J	E78AA	20	LT GN	3534481C1																																																																																							
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<p style="text-align: center;">IP / DOOR INTERCONNECT (3000) (LOCATED IN INSTRUMENT PANEL BY DRIVER DOOR)</p>  <p style="text-align: center;">CONNECTOR 3540612C1 BODY LOCK 3540614C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A78D</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>B</td><td>A78E</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>C</td><td>A78F</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>D*</td><td>A78AB</td><td>16</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>D#</td><td>A78A</td><td>16</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>E&amp;</td><td>A62DD</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr> <tr><td>E%</td><td>A62BD</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr> <tr><td>F</td><td>A58DA</td><td>18</td><td>BN</td><td>1661261C1</td></tr> <tr><td>G</td><td>A78V</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>H</td><td>A78-GCE</td><td>16</td><td>WH</td><td>1661261C1</td></tr> <tr><td>J</td><td>A41D</td><td>18</td><td>TN</td><td>1661261C1</td></tr> <tr><td>**J</td><td>A97ST</td><td>18</td><td>GY</td><td>1661261C1</td></tr> <tr><td>K</td><td>A41E</td><td>18</td><td>TN</td><td>1661261C1</td></tr> <tr><td>**K</td><td>A10S</td><td>18</td><td>GY</td><td>1661261C1</td></tr> </tbody> </table> <p style="font-size: x-small;">* DUAL HTD MIR, PWR W/HOOD W/WSHLD # PWR MIRRORS-HTD W/MOTORIZED W/TURN SIGNAL &amp; ADAPTER-PANEL LT -BUS BAR % ADAPTER-PANEL LT MOTORIZED MIRRORS ** BASE WIRING W/AAT SENSOR</p>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A78D	18	LTGN	1661261C1	B	A78E	18	LTGN	1661261C1	C	A78F	18	LTGN	1661261C1	D*	A78AB	16	LTGN	1661261C1	D#	A78A	16	LTGN	1661261C1	E&	A62DD	18	DKBL	1661261C1	E%	A62BD	18	DKBL	1661261C1	F	A58DA	18	BN	1661261C1	G	A78V	18	LTGN	1661261C1	H	A78-GCE	16	WH	1661261C1	J	A41D	18	TN	1661261C1	**J	A97ST	18	GY	1661261C1	K	A41E	18	TN	1661261C1	**K	A10S	18	GY	1661261C1	<p style="text-align: center;">WINDOW MOTOR DOOR POD (3002M) (LOCATED IN REAR DOOR)</p>  <p style="text-align: center;">CONNECTOR 3534424C1 BODY LOCK 3534425C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>T83C</td><td>12</td><td>LTGN</td><td>2039344C1</td></tr> <tr><td>B</td><td>T83F</td><td>12</td><td>LTGN</td><td>2039344C1</td></tr> </tbody> </table> <p style="text-align: center;">W/DURASTAR</p>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	T83C	12	LTGN	2039344C1	B	T83F	12	LTGN	2039344C1
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<p style="text-align: center;">PASS DOOR (3003) (LOCATED IN INSTRUMENT PANEL BY PASSENGER DOOR)</p>  <p style="text-align: center;">CONNECTOR 3540612C1 BODY LOCK 3540614C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A78D</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>B</td><td>A78E</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>C</td><td>A78F</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>D*</td><td>A78BB</td><td>16</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>D*</td><td>A78B</td><td>16</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>A58DB</td><td>18</td><td>BN</td><td>1661261C1</td></tr> <tr><td>G</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>H</td><td>A78-GCF</td><td>16</td><td>WH</td><td>1661261C1</td></tr> <tr><td>J</td><td>A57D</td><td>18</td><td>OR</td><td>1661261C1</td></tr> <tr><td>K</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> <p style="text-align: center;">* MUTUALLY EXCLUSIVE</p>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A78D	18	LTGN	1661261C1	B	A78E	18	LTGN	1661261C1	C	A78F	18	LTGN	1661261C1	D*	A78BB	16	LTGN	1661261C1	D*	A78B	16	LTGN	1661261C1	E	-	-	-	-	F	A58DB	18	BN	1661261C1	G	-	-	-	-	H	A78-GCF	16	WH	1661261C1	J	A57D	18	OR	1661261C1	K	-	-	-	-	<p style="text-align: center;">HEATED WINDSHIELD RIGHT SIDE (3004) (LOCATED IN INSTRUMENT PANEL BY PASSENGER DOOR)</p>  <p style="text-align: center;">CONNECTOR 0899167R1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A78B</td> <td>14</td> <td>BK</td> <td>0188396R1</td> </tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A78B	14	BK	0188396R1																				
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Figure 806 Connector Composites (3000), (3001), (3002M), (3003), (3004)



13.131. CONNECTOR COMPOSITES (3005), (3100M), (3200), (3200F), P. 59A



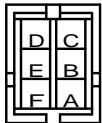
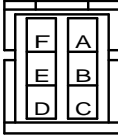

<b>NAVISTAR, INC</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM <b>CHAPTER 13</b> CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																											
HEATED WINDSHIELD GROUND (3005) (LOCATED IN CAB)						<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A78-G</td> <td>12</td> <td>BK</td> <td>1660577C1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A78-G	12	BK	1660577C1																														
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CONNECTOR 1661200C1				* MUTUALLY EXCLUSIVE																																											
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CONNECTOR 1661260C1 BODY LOCK 1661264C1				W/DURASTAR																																											
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																									
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					92218B	30JUL13	AE08058187 59A																																								

Figure 807 Connector Composites (3005), (3100M), (3200), (3200F)

13.132. CONNECTOR COMPOSITES (3201F), (3201M), (3202M), (3203M), (3204), P. 59B


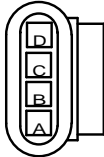
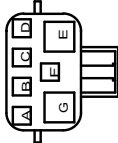
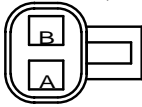
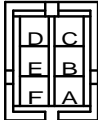
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CONNECTOR 1661260C1 BODY LOCK 1661264C1		W/DURASTAR																																															
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					92372W	23 JAN 14	AE08058187																																										
							SHEET 59B																																										

Figure 808 Connector Composites (3201F), (3201M), (3202M), (3203M), (3204)

13.133. CONNECTOR COMPOSITES (3205), (3205M), (3206), (3208F), (3209M), (3210M), P. 59C

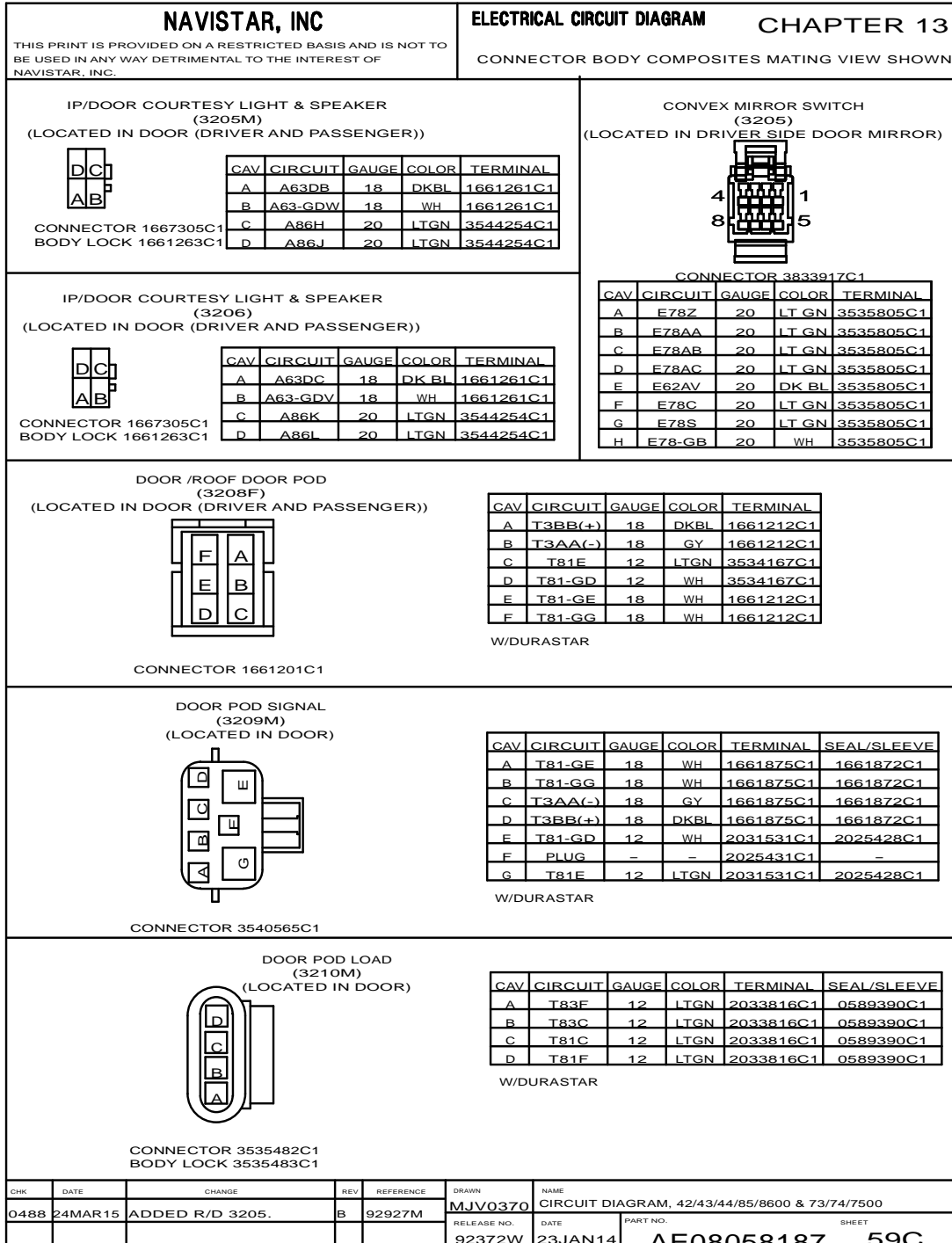


Figure 809 Connector Composites (3205), (3205M), (3206), (3208F), (3209M), (3210M)

13.134. CONNECTOR COMPOSITES (3211M), (3400), (4004), (4005), (4021), (4021A), (4021B), P. 60

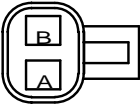






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CONNECTOR 1671610C1 BODY LOCK 1671608C1  				COURTESY LIGHT (3400) (LOCATED IN DOOR(DRIVER AND PASSENGER))				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>E63BB</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> <td></td> </tr> <tr> <td>B</td> <td>E63-G</td> <td>18</td> <td>WH</td> <td>1661261C1</td> <td></td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	E63BB	18	DKBL	1661261C1		B	E63-G	18	WH	1661261C1																															
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Figure 810 Connector Composites (3211M), (3400), (4004), (4005), (4021), (4021A), (4021B)

13.135. CONNECTOR COMPOSITES (4022), (4022A), (4022B), (4031), (4032), P. 60A

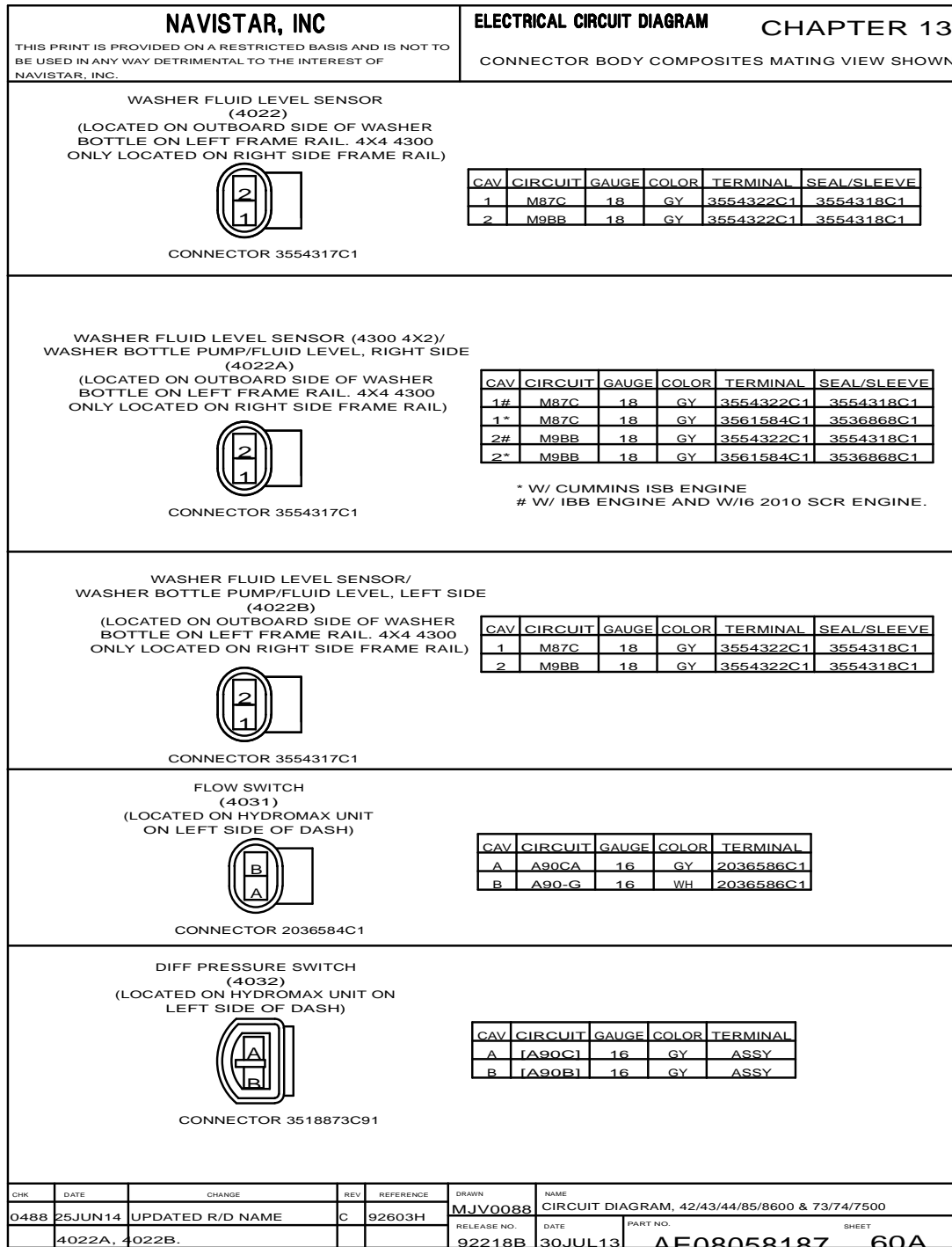


Figure 811 Connector Composites (4022), (4022A), (4022B), (4031), (4032)

13.136. CONNECTOR COMPOSITES (4033), (4037), (4038), P. 60B

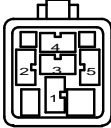


<b>NAVISTAR, INC</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM <b>CHAPTER 13</b> CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																															
<p><b>BOOST PUMP RELAY (4033)</b> (LOCATED ON HYDROMAX UNIT ON LEFT SIDE OF DASH)</p>  <p>CONNECTOR 1661747C91</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A14</td> <td>12</td> <td>RD</td> <td>1661708C1</td> </tr> <tr> <td>2</td> <td>A90A</td> <td>16</td> <td>GY</td> <td>3895713C1</td> </tr> <tr> <td>3</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>4</td> <td>A90F</td> <td>12</td> <td>GY</td> <td>1661708C1</td> </tr> <tr> <td>5</td> <td>A90K</td> <td>16</td> <td>GY</td> <td>3895713C1</td> </tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A14	12	RD	1661708C1	2	A90A	16	GY	3895713C1	3	PLUG	-	-	-	4	A90F	12	GY	1661708C1	5	A90K	16	GY	3895713C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																															
1	A14	12	RD	1661708C1																															
2	A90A	16	GY	3895713C1																															
3	PLUG	-	-	-																															
4	A90F	12	GY	1661708C1																															
5	A90K	16	GY	3895713C1																															
<p><b>HYD BRAKE LIGHT SWITCH (4037)</b> (LOCATED ON EXTERIOR DASH NEAR DCM)</p>  <p>CONNECTOR 3522187C1</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M90B</td> <td>18</td> <td>GY</td> <td>3522190C1</td> <td>3522193C1</td> </tr> <tr> <td>2</td> <td>M94BF</td> <td>18</td> <td>GY</td> <td>3522190C1</td> <td>3522193C1</td> </tr> <tr> <td>3</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3522197C1</td> <td>-</td> </tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	M90B	18	GY	3522190C1	3522193C1	2	M94BF	18	GY	3522190C1	3522193C1	3	PLUG	-	-	3522197C1	-						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																														
1	M90B	18	GY	3522190C1	3522193C1																														
2	M94BF	18	GY	3522190C1	3522193C1																														
3	PLUG	-	-	3522197C1	-																														
<p><b>HYD BRAKES FLUID LEVEL SENSOR (4038)</b> (LOCATED ON EXTERIOR DASH NEAR DCM)</p>  <p>CONNECTOR 2036583C1</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M10-GV</td> <td>16</td> <td>WH</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>M90H</td> <td>16</td> <td>GY</td> <td>2036586C1</td> </tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	M10-GV	16	WH	2036586C1	B	M90H	16	GY	2036586C1															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																															
A	M10-GV	16	WH	2036586C1																															
B	M90H	16	GY	2036586C1																															
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																													
0488	24JAN14	INITIAL RELEASE.	A	92372W	MJV0370	CIRCUIT DIAGRAM, 42/42/44/85/8600 & 73/74/7500																													
					RELEASE NO.	DATE																													
					92372W	14DEC13																													
					PART NO.	SHEET																													
					AE08058187	60B																													

Figure 812 Connector Composites (4033), (4037), (4038)

13.137. CONNECTOR COMPOSITES (4040), (4041), (4042A), (4042B), (4042C), (4042D), (4042E / 4042F / 4042G / 4042H / 4042J / 4042K), P. 61

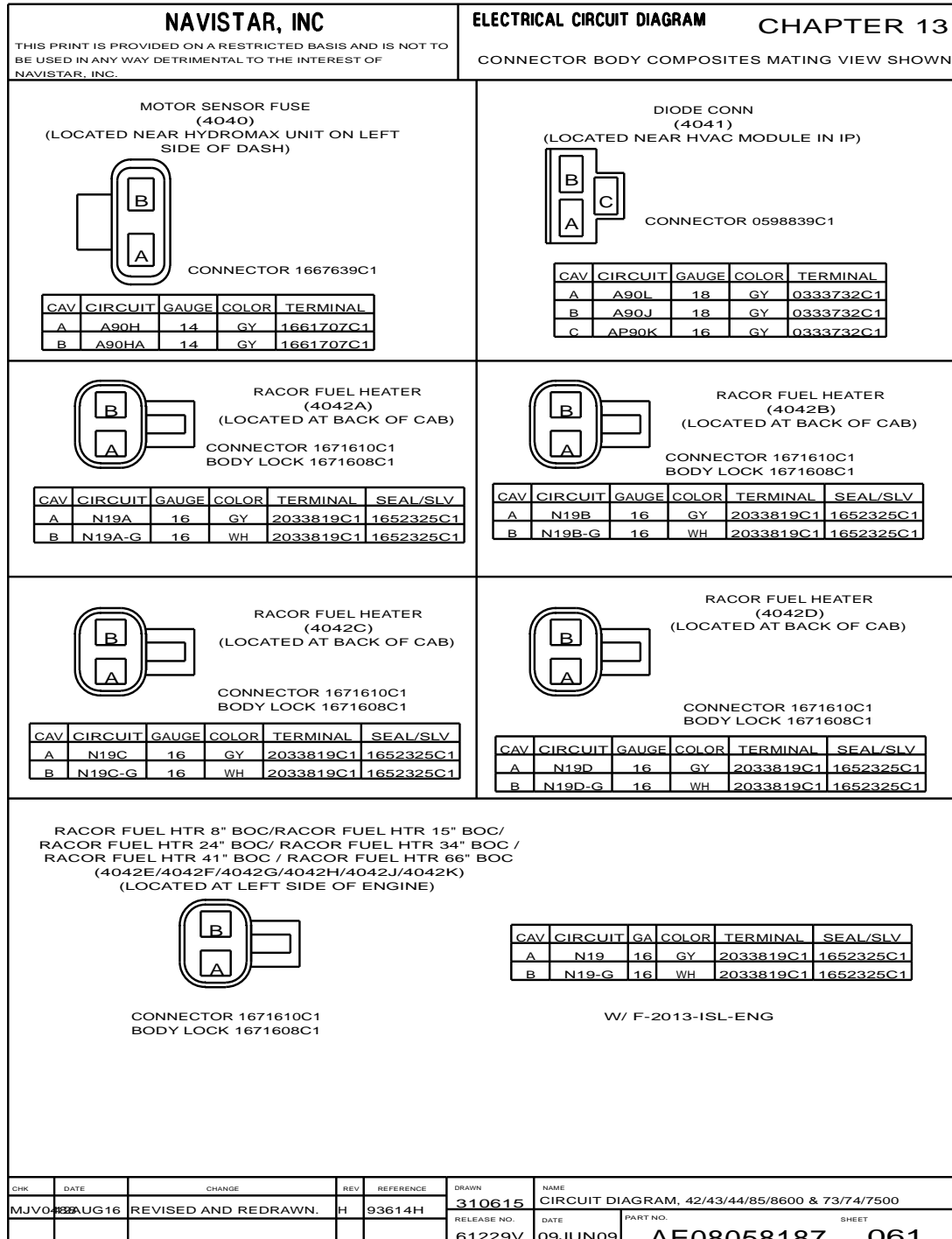


Figure 813 Connector Composites (4040), (4041), (4042A), (4042B), (4042C), (4042D), (4042E / 4042F / 4042G / 4042H / 4042J / 4042K)

13.138. CONNECTOR COMPOSITES (4060), (4060A), P. 61A

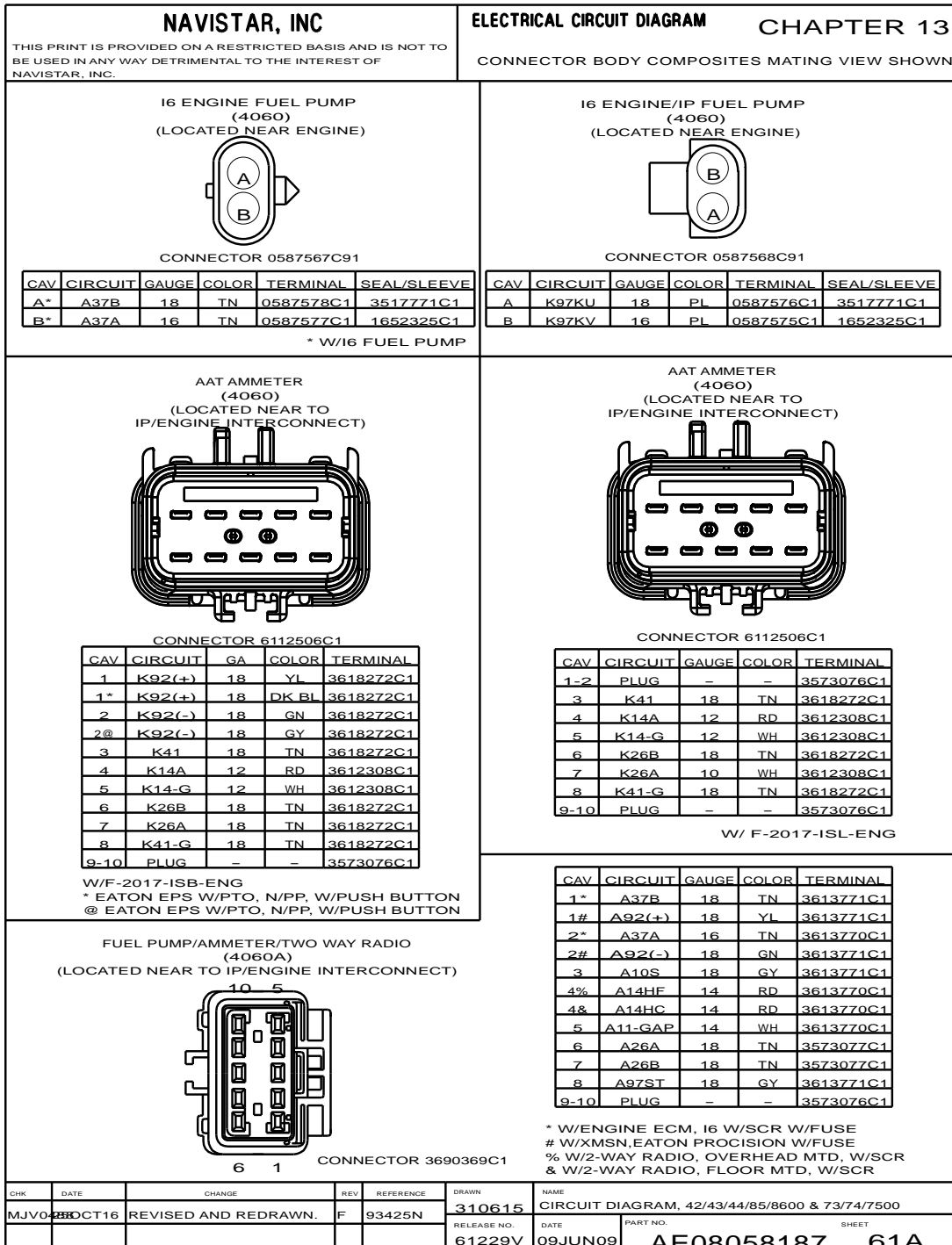


Figure 814 Connector Composites (4060), (4060A)



13.139. CONNECTOR COMPOSITES (4060A), (4061), (4070), (4071), P. 61B

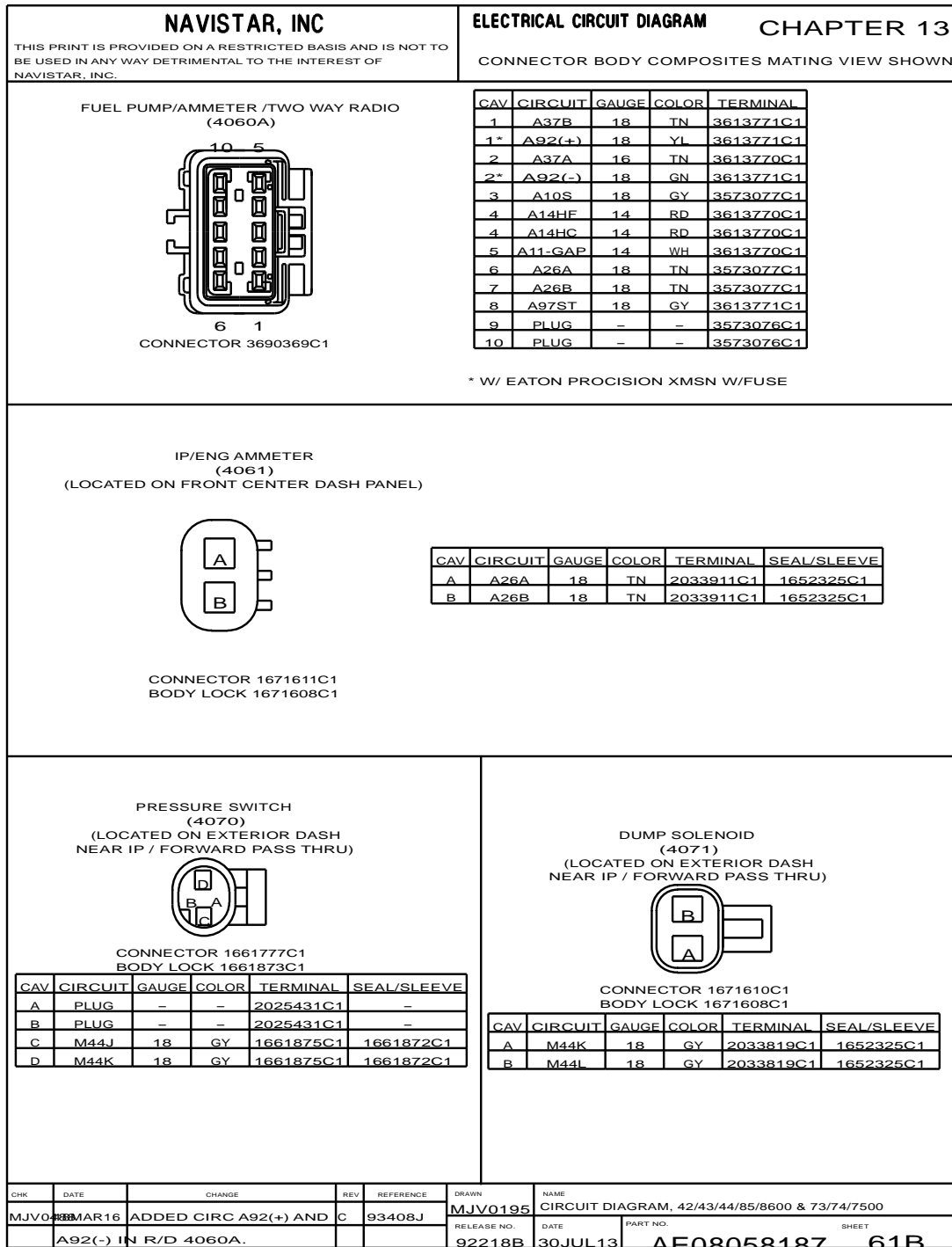


Figure 815 Connector Composites (4060A), (4061), (4070), (4071)

13.140. CONNECTOR COMPOSITES (4087), (4087B), (4111M), (4120), P. 62

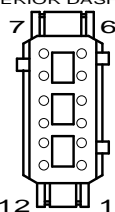
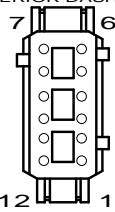
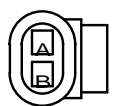
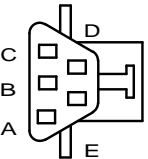
<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 13</b>																																																																			
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<p>PAM MODULE (4087) (LOCATED ON EXTERIOR DASH NEAR HVAC UNIT)</p>  <p>CONNECTOR 3553404C1 BODY LOCK 3553460C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>A26D</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>7</td><td>A5P(+)</td><td>18</td><td>YL</td><td>3518963C1</td></tr> <tr><td>8</td><td>A5P(-)</td><td>18</td><td>GN</td><td>3518963C1</td></tr> <tr><td>10</td><td>A26B</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>11</td><td>A26A</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>12</td><td>A11-GBD</td><td>18</td><td>WH</td><td>3518963C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	PLUG	-	-	-	2	PLUG	-	-	-	3	PLUG	-	-	-	4	PLUG	-	-	-	5	PLUG	-	-	-	6	A26D	18	TN	3518963C1	7	A5P(+)	18	YL	3518963C1	8	A5P(-)	18	GN	3518963C1	10	A26B	18	TN	3518963C1	11	A26A	18	TN	3518963C1	12	A11-GBD	18	WH	3518963C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																					
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8	A5P(-)	18	GN	3518963C1																																																																					
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<p>LEFT PAM MODULE (4087B) (LOCATED ON EXTERIOR DASH NEAR HVAC UNIT)</p>  <p>CONNECTOR 3553404C1 BODY LOCK 3553460C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>A26D</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>7</td><td>A5P(+)</td><td>18</td><td>YL</td><td>3518963C1</td></tr> <tr><td>8</td><td>A5P(-)</td><td>18</td><td>GN</td><td>3518963C1</td></tr> <tr><td>10</td><td>A26B</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>11</td><td>A26A</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>12</td><td>A11-GBD</td><td>18</td><td>WH</td><td>3518963C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	PLUG	-	-	-	2	PLUG	-	-	-	3	PLUG	-	-	-	4	PLUG	-	-	-	5	PLUG	-	-	-	6	A26D	18	TN	3518963C1	7	A5P(+)	18	YL	3518963C1	8	A5P(-)	18	GN	3518963C1	10	A26B	18	TN	3518963C1	11	A26A	18	TN	3518963C1	12	A11-GBD	18	WH	3518963C1						
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12	A11-GBD	18	WH	3518963C1																																																																					
<p>FAN AIR SOLENOID (4111M) (LOCATED NEAR ENGINE FAN DRIVE)</p>  <p>CONNECTOR 3522068C1 BODY LOCK 1661874C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A&amp;</td><td>K23A</td><td>18</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>A*</td><td>K23A</td><td>18</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B&amp;</td><td>K23-G</td><td>18</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B*</td><td>K23-G</td><td>18</td><td>WH</td><td>1661875C1</td><td>3568570C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">&amp; W/ I6 ENGINE * W/ I6 2010 SCR ENGINE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A&	K23A	18	TN	1661875C1	1661872C1	A*	K23A	18	TN	1661875C1	1661872C1	B&	K23-G	18	WH	1661875C1	1661872C1	B*	K23-G	18	WH	1661875C1	3568570C1																																				
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																				
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A*	K23A	18	TN	1661875C1	1661872C1																																																																				
B&	K23-G	18	WH	1661875C1	1661872C1																																																																				
B*	K23-G	18	WH	1661875C1	3568570C1																																																																				
<p>SNOW VALVE (4120) (LOCATED ON AIR CLEANER)</p>  <p>CONNECTOR 3522251C1 BODY LOCK 3522253C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A*</td><td>A23F</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>A*</td><td>A23C</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>B*</td><td>A23H</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>B*</td><td>A23A</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>C*</td><td>A23J</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>C*</td><td>A23B</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>D*</td><td>A23K</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>D*</td><td>A23D</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>E*</td><td>A23L</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>E*</td><td>A23E</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">* MUTUALLY EXCLUSIVE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	A23F	18	TN	1661875C1	3568570C1	A*	A23C	18	TN	1661875C1	3568570C1	B*	A23H	18	TN	1661875C1	3568570C1	B*	A23A	18	TN	1661875C1	3568570C1	C*	A23J	18	TN	1661875C1	3568570C1	C*	A23B	18	TN	1661875C1	3568570C1	D*	A23K	18	TN	1661875C1	3568570C1	D*	A23D	18	TN	1661875C1	3568570C1	E*	A23L	18	TN	1661875C1	3568570C1	E*	A23E	18	TN	1661875C1	3568570C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																				
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A*	A23C	18	TN	1661875C1	3568570C1																																																																				
B*	A23H	18	TN	1661875C1	3568570C1																																																																				
B*	A23A	18	TN	1661875C1	3568570C1																																																																				
C*	A23J	18	TN	1661875C1	3568570C1																																																																				
C*	A23B	18	TN	1661875C1	3568570C1																																																																				
D*	A23K	18	TN	1661875C1	3568570C1																																																																				
D*	A23D	18	TN	1661875C1	3568570C1																																																																				
E*	A23L	18	TN	1661875C1	3568570C1																																																																				
E*	A23E	18	TN	1661875C1	3568570C1																																																																				
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																			
0488	25JUN14	ADDED CIRC K23A &	D	92603H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																			
K23-G TO R/D 4111M.					RELEASE NO.	DATE	PART NO.	SHEET																																																																	
					61229V	09JUN09	AE08058187	062																																																																	

Figure 816 Connector Composites (4087), (4087B), (4111M), (4120)

13.141. CONNECTOR COMPOSITES (4320), (4321), (4322), P. 63

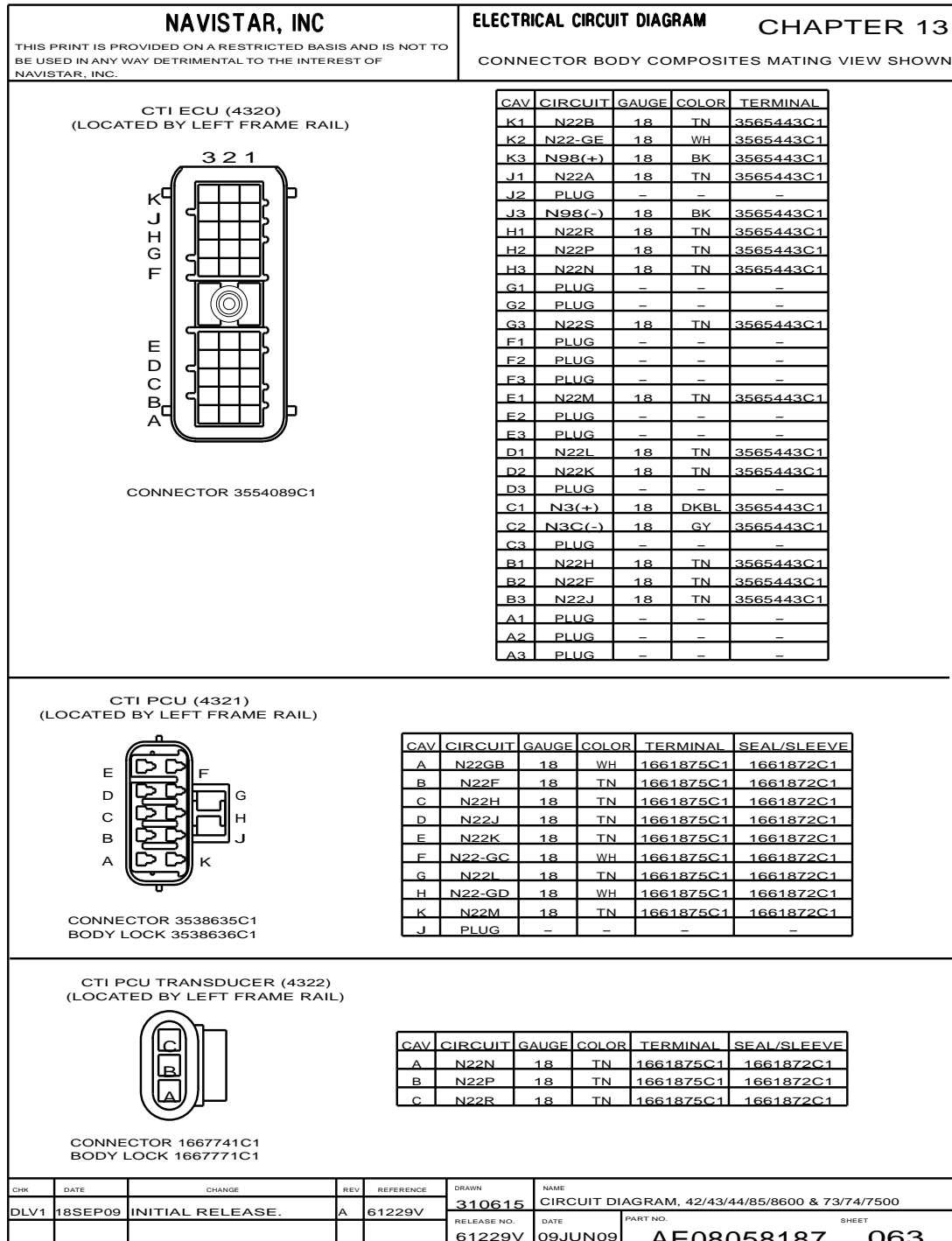


Figure 817 Connector Composites (4320), (4321), (4322)

13.142. CONNECTOR COMPOSITES (4323), (4328), (4410D), (4410E), P. 64

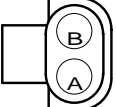

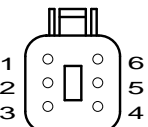
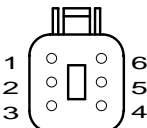
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Figure 818 Connector Composites (4323), (4328), (4410D), (4410E)

13.143. CONNECTOR COMPOSITES (4410F), (4410G), (4410H), P. 65

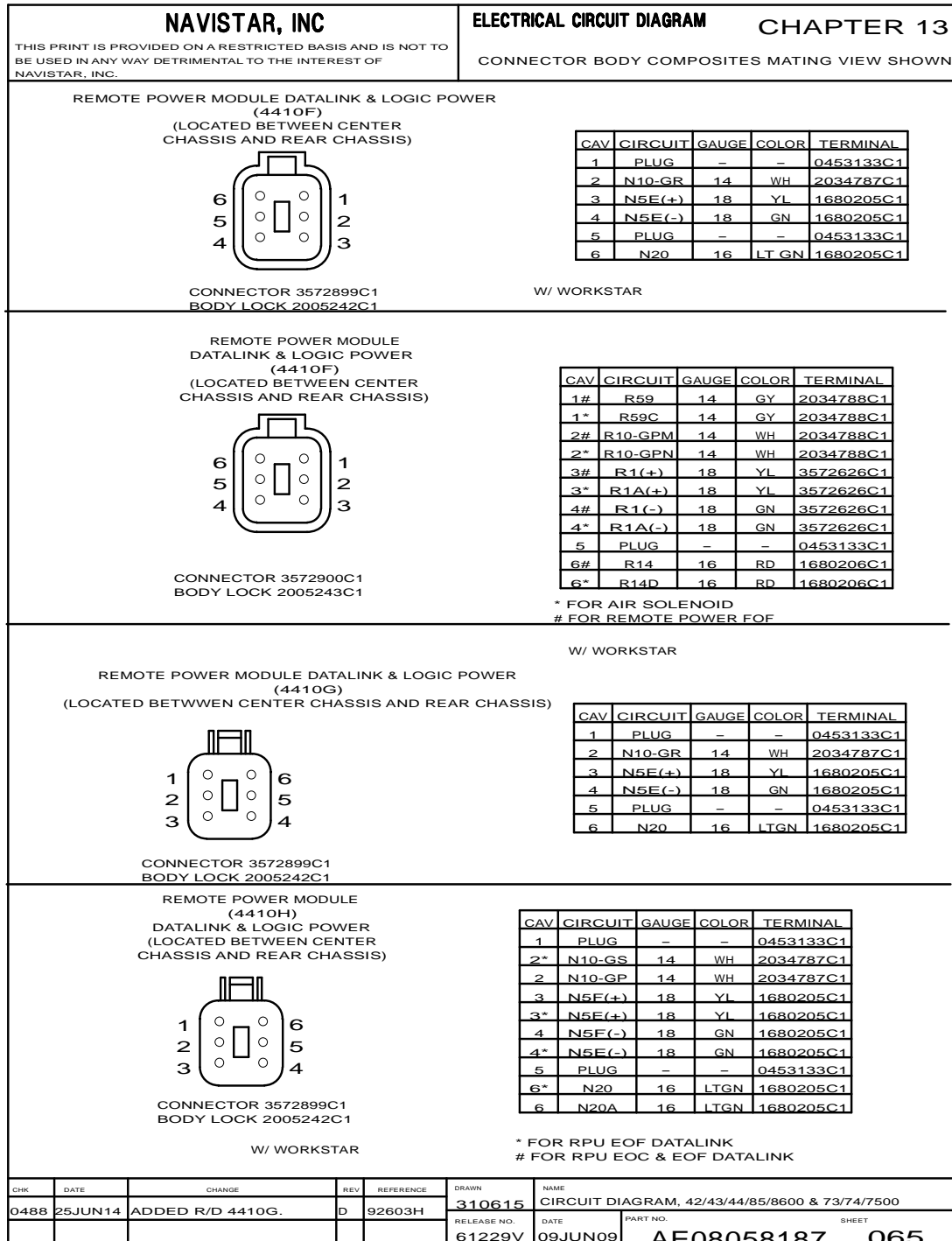


Figure 819 Connector Composites (4410F), (4410G), (4410H)

13.144. CONNECTOR COMPOSITES (4410J), (4410K), (4410L), P. 65A

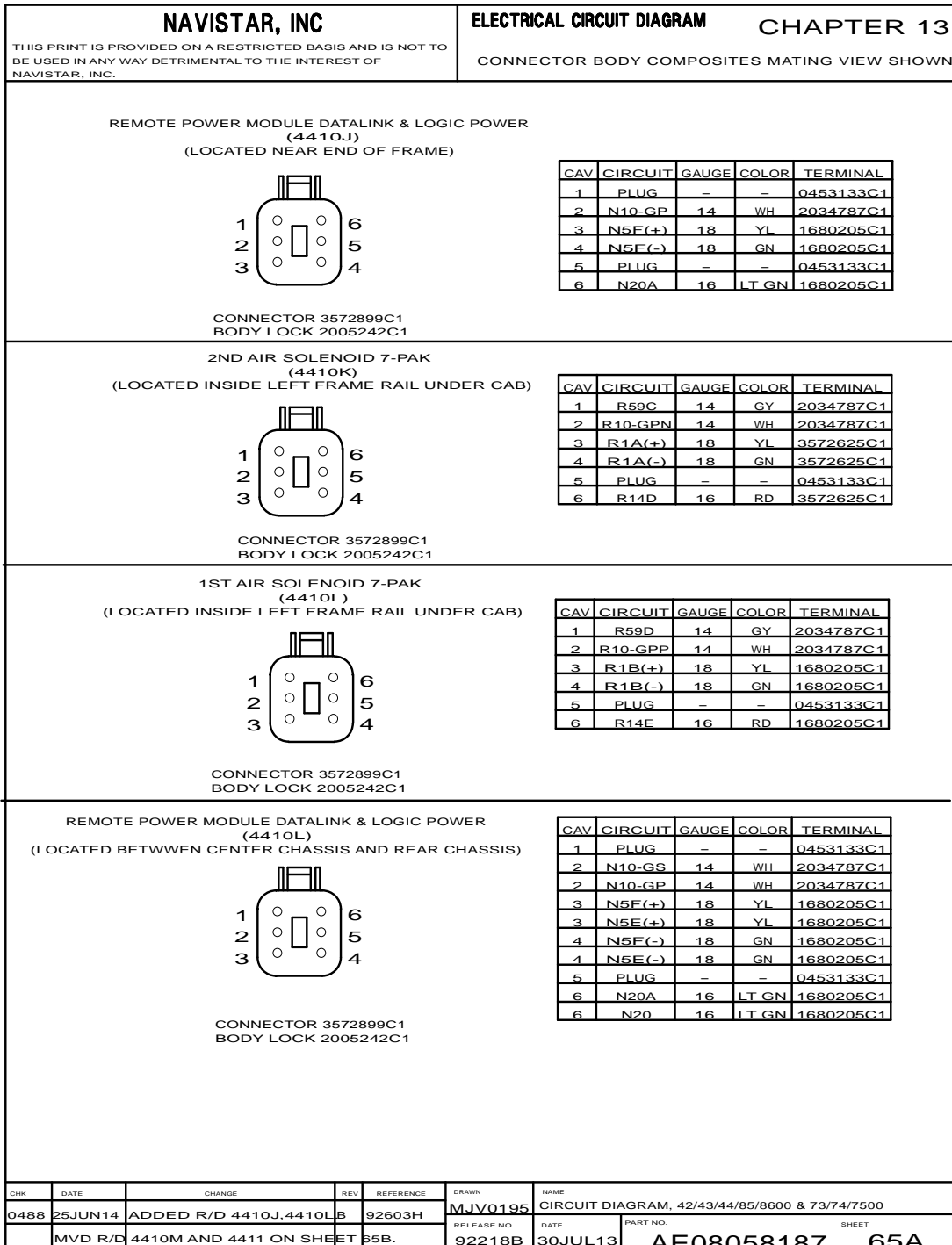


Figure 820 Connector Composites (4410J), (4410K), (4410L)

13.145. CONNECTOR COMPOSITES (4410M), (4411), P. 65B

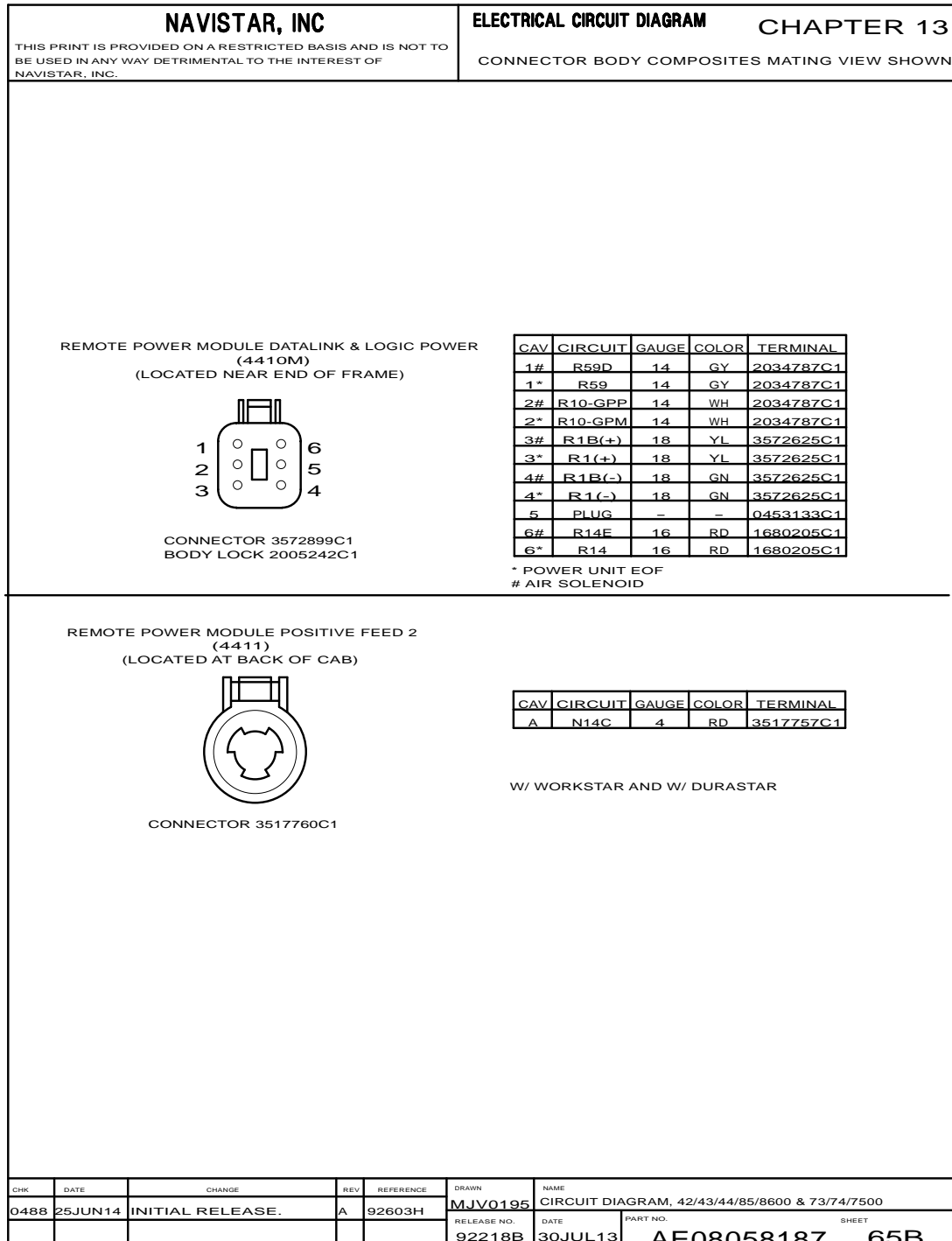


Figure 821 Connector Composites (4410M), (4411)

13.146. CONNECTOR COMPOSITES (4411A1), (4411A2), (4411A3), (4411A4), (4411A5), (4411A6), (4411A7), (4411A8), P. 66

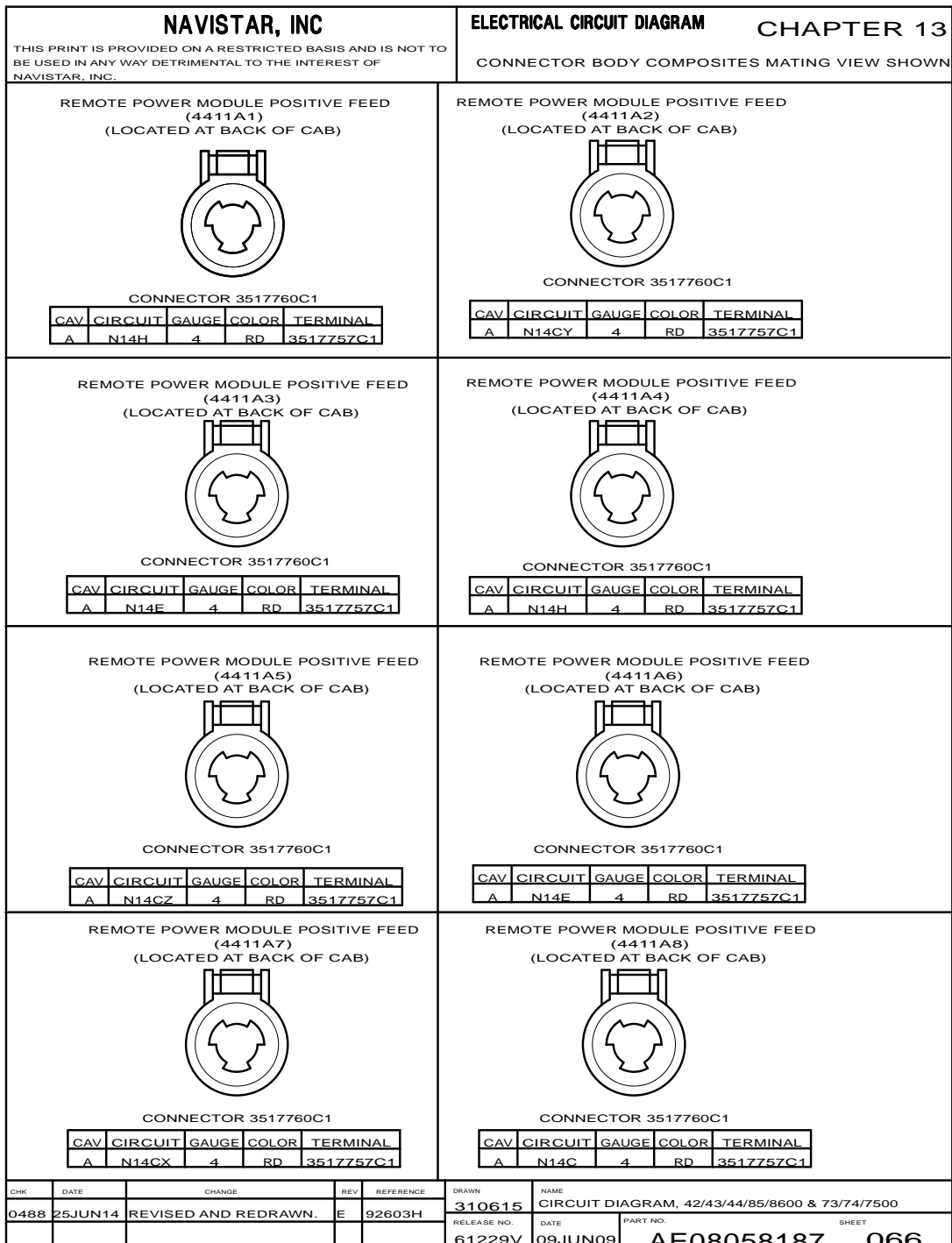


Figure 822 Connector Composites (4411A1), (4411A2), (4411A3), (4411A4), (4411A5), (4411A6), (4411A7), (4411A8)



13.147. CONNECTOR COMPOSITES (4411A9), (4411F), (4411M), (4411M1), (4411M2), P. 66A

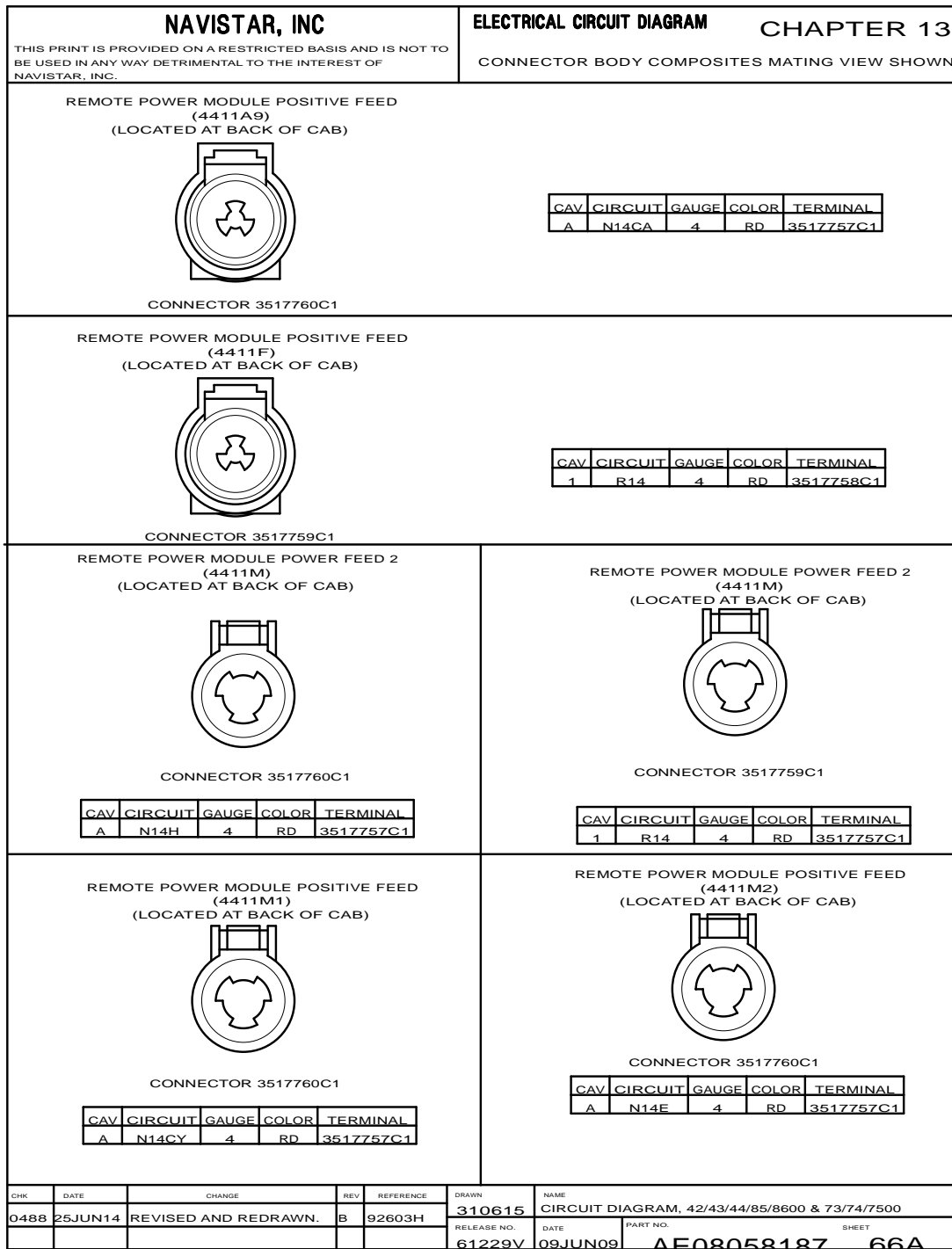


Figure 823 Connector Composites (4411A9), (4411F), (4411M), (4411M1), (4411M2)

13.148. CONNECTOR COMPOSITES (4411M4), (4411M5), (4411M6), (4411M7), (4411N), P. 66B

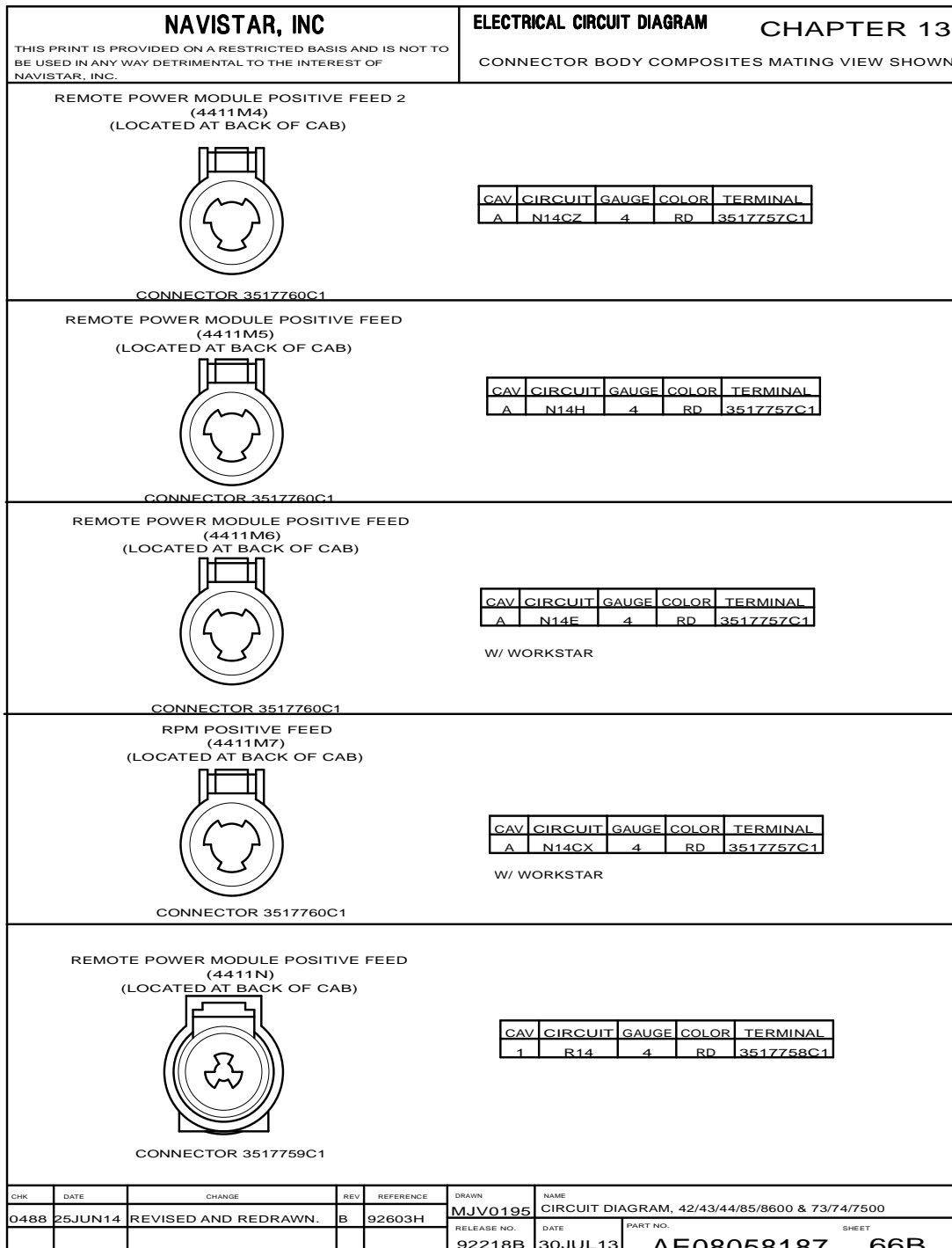


Figure 824 Connector Composites (4411M4), (4411M5), (4411M6), (4411M7), (4411N)

13.149. CONNECTOR COMPOSITES (4411P), (4412A1), (4412A2), (4412F), (4413A1), (4413A2), (4413A3), (4413A4), P. 66C

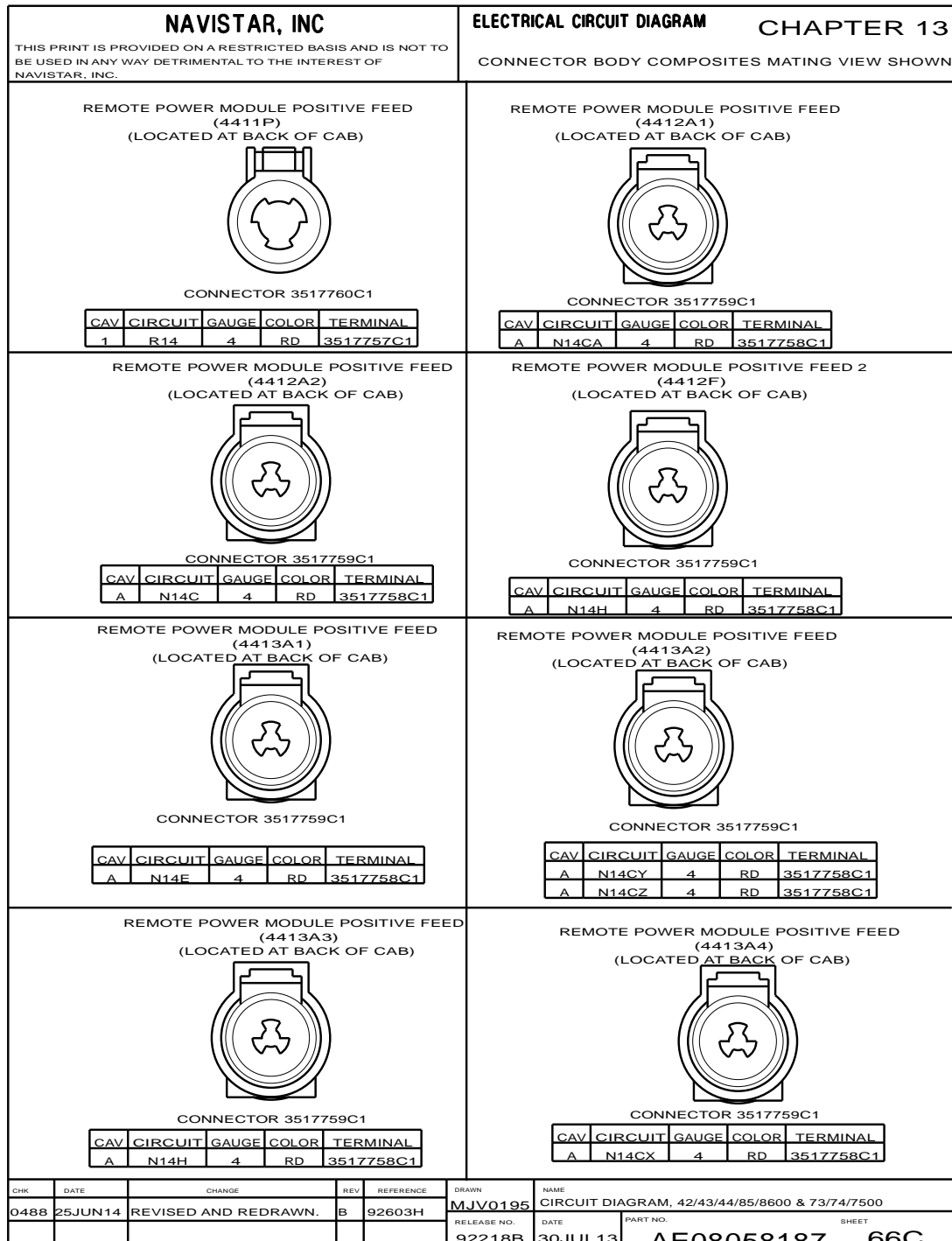


Figure 825 Connector Composites (4411P), (4412A1), (4412A2), (4412F), (4413A1), (4413A2), (4413A3), (4413A4)

13.150. CONNECTOR COMPOSITES (4413F), (4413F1), (4413F2), P. 66D




<p style="text-align: center;"><b>NAVISTAR, INC</b></p> <p style="font-size: small;">THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>	<p style="text-align: center;"><b>ELECTRICAL CIRCUIT DIAGRAM</b>      <b>CHAPTER 13</b></p> <p style="text-align: center;">CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p>																					
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Figure 826 Connector Composites (4413F), (4413F1), (4413F2)

13.151. CONNECTOR COMPOSITES (4413F3), (4413F4), (4414), (4450AM), (4450BM), P. 66E

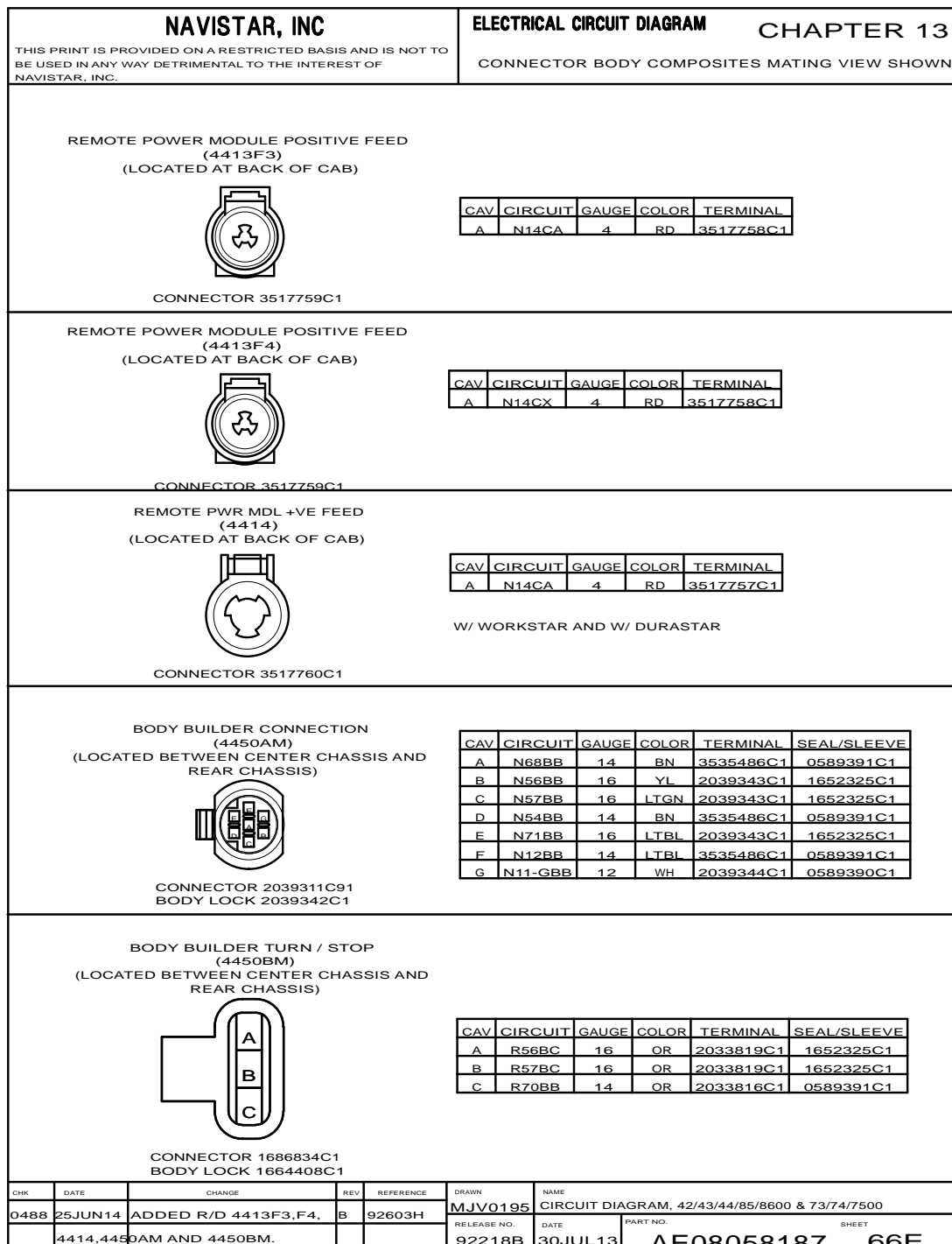


Figure 827 Connector Composites (4413F3), (4413F4), (4414), (4450AM), (4450BM)

13.152. CONNECTOR COMPOSITES (4450BF), (4450M), (4460AM), P. 66F

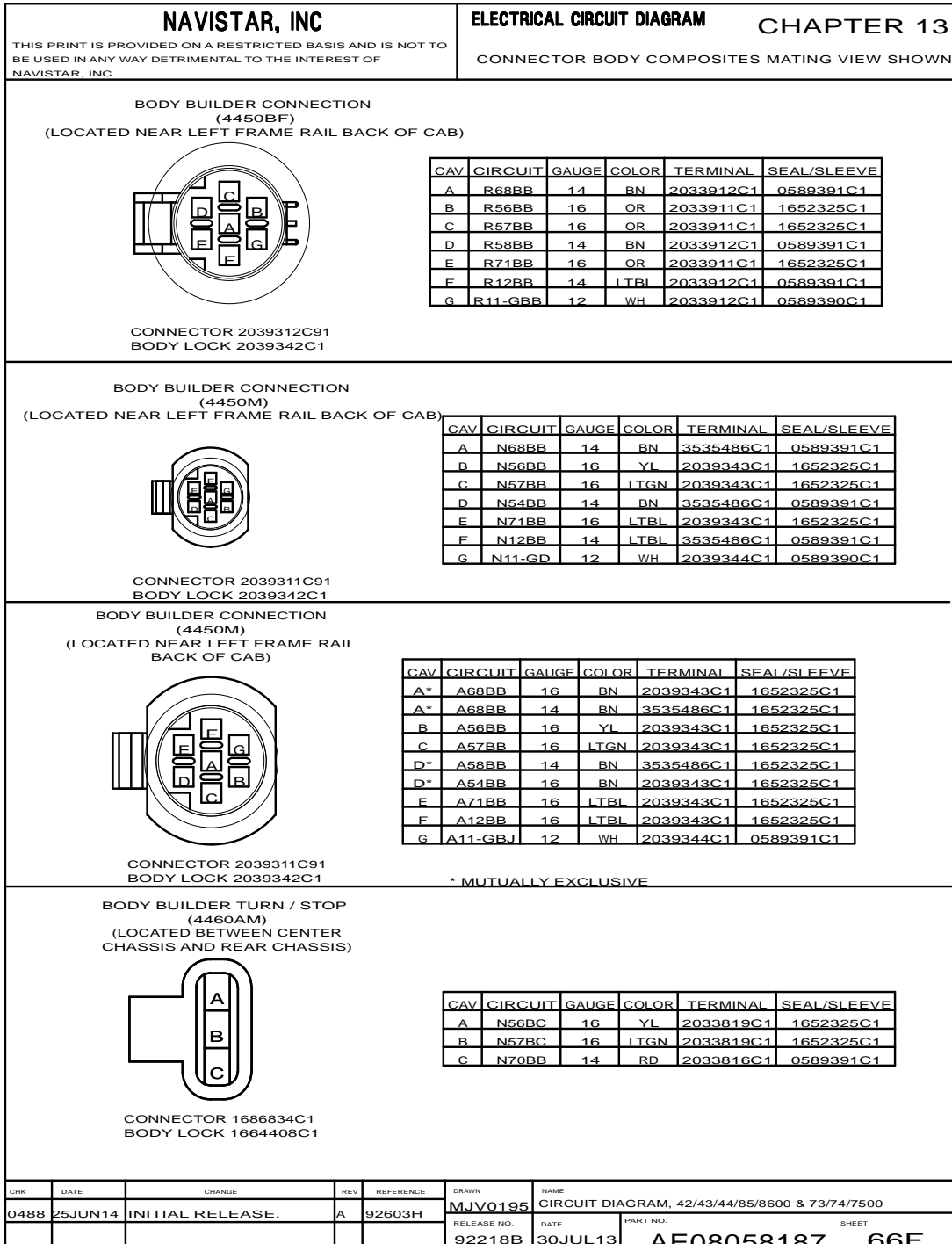


Figure 828 Connector Composites (4450BF), (4450M), (4460AM)

13.153. CONNECTOR COMPOSITES (4460BF), (4460BM), P. 66G

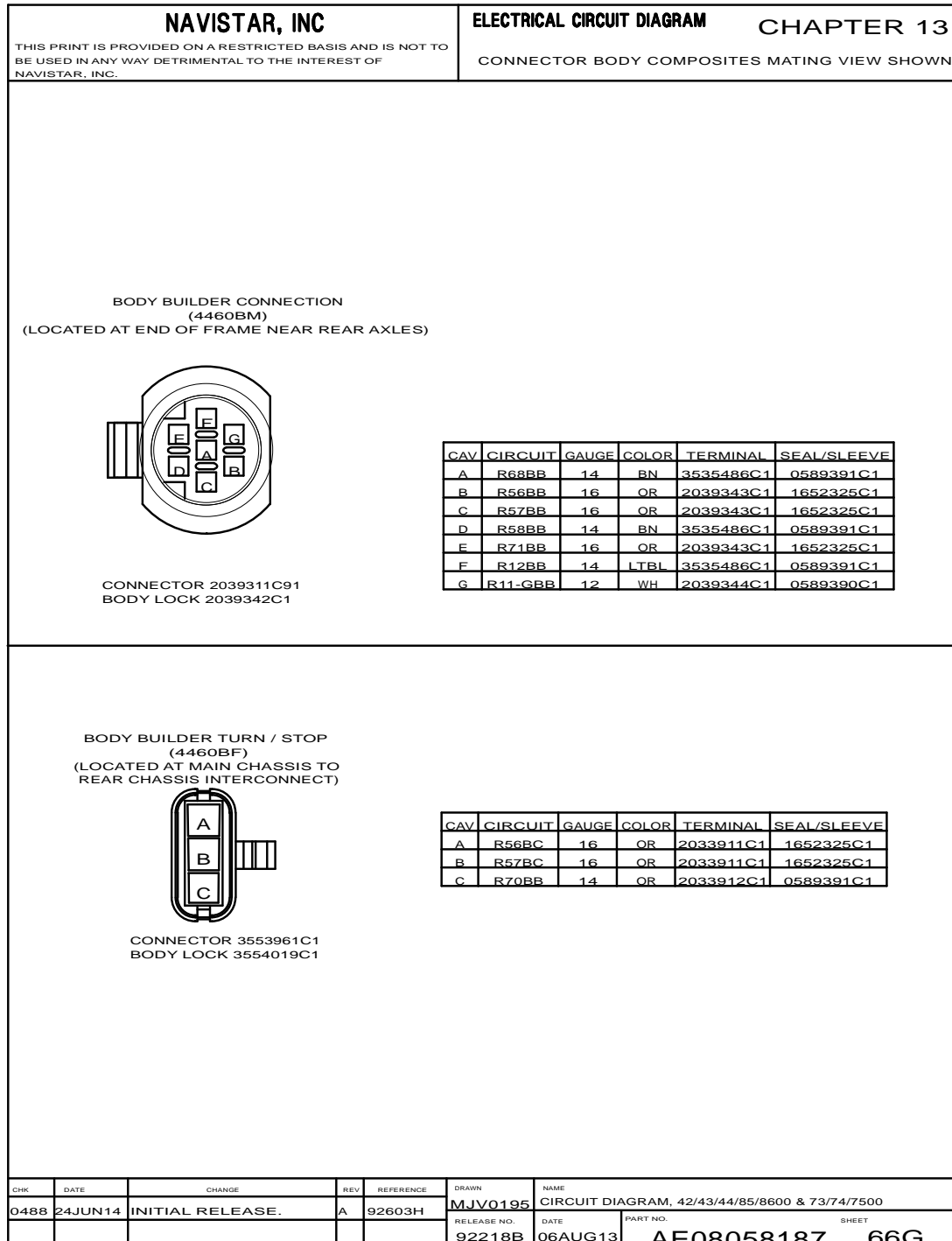


Figure 829 Connector Composites (4460BF), (4460BM)

13.154. CONNECTOR COMPOSITES (4460M), (4500), (4601), P. 67

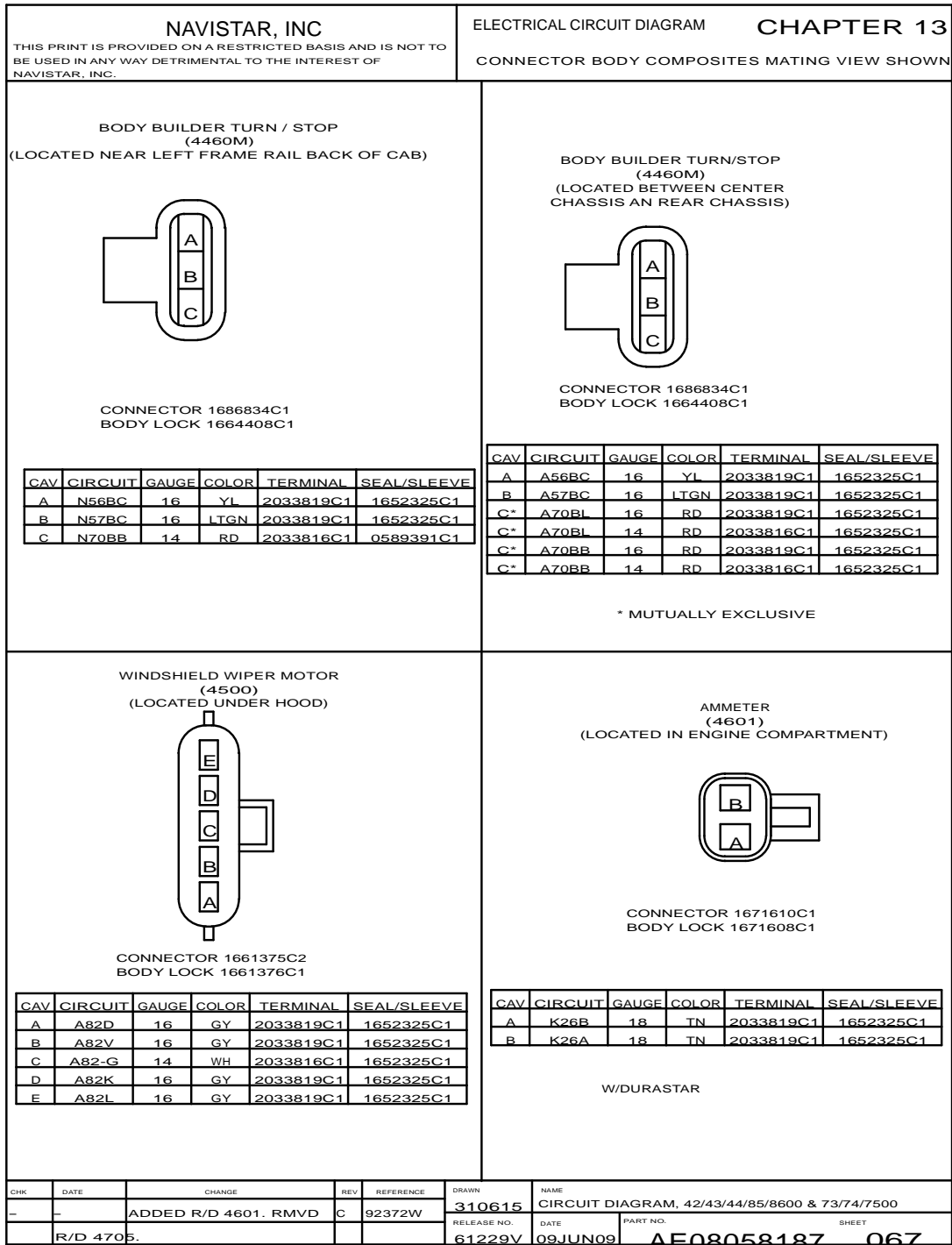


Figure 830 Connector Composites (4460M), (4500), (4601)



13.155. CONNECTOR COMPOSITES (4705), (4706), P. 67A

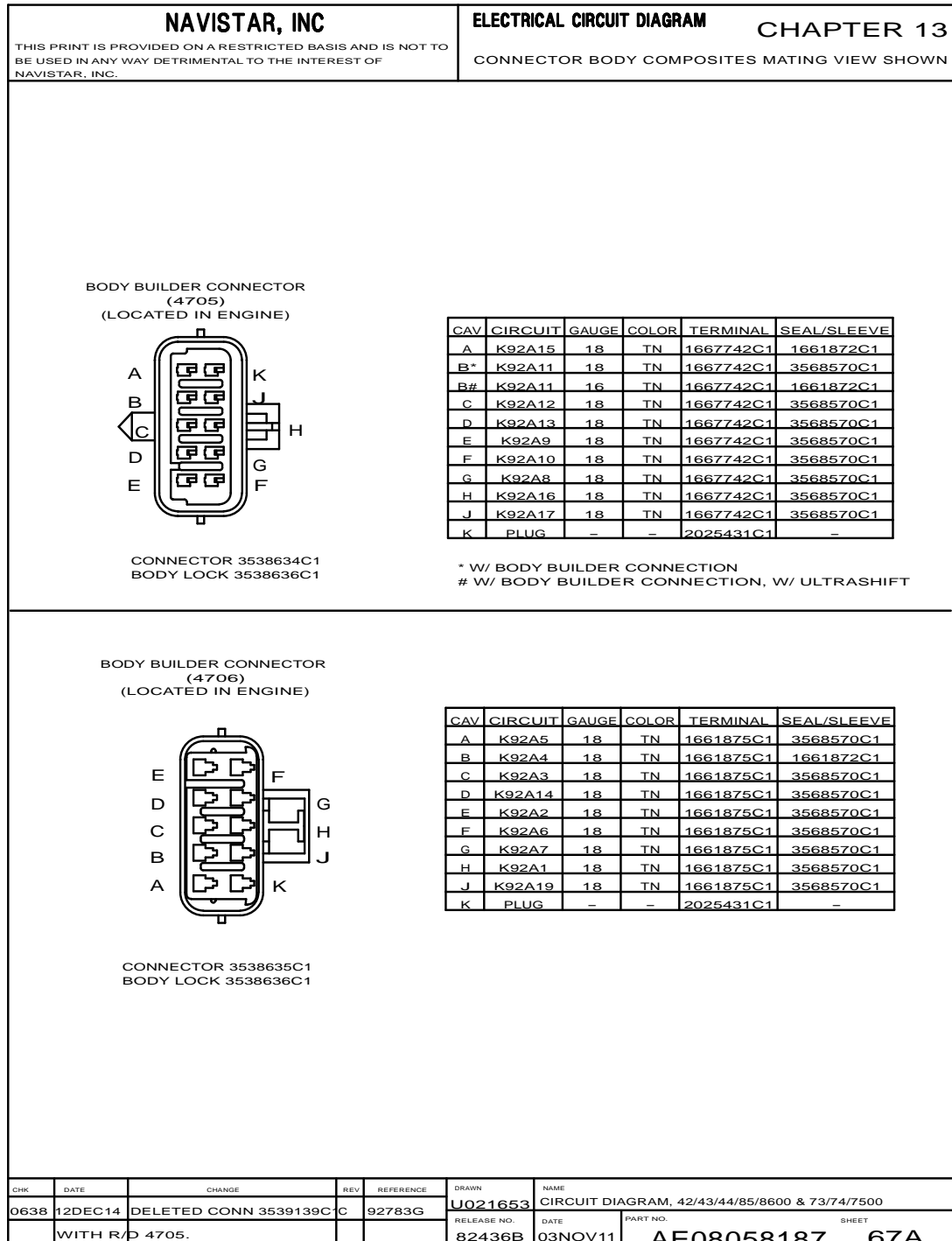


Figure 831 Connector Composites (4705), (4706)

13.156. CONNECTOR COMPOSITES (4712F1), (4712F3), P. 67B

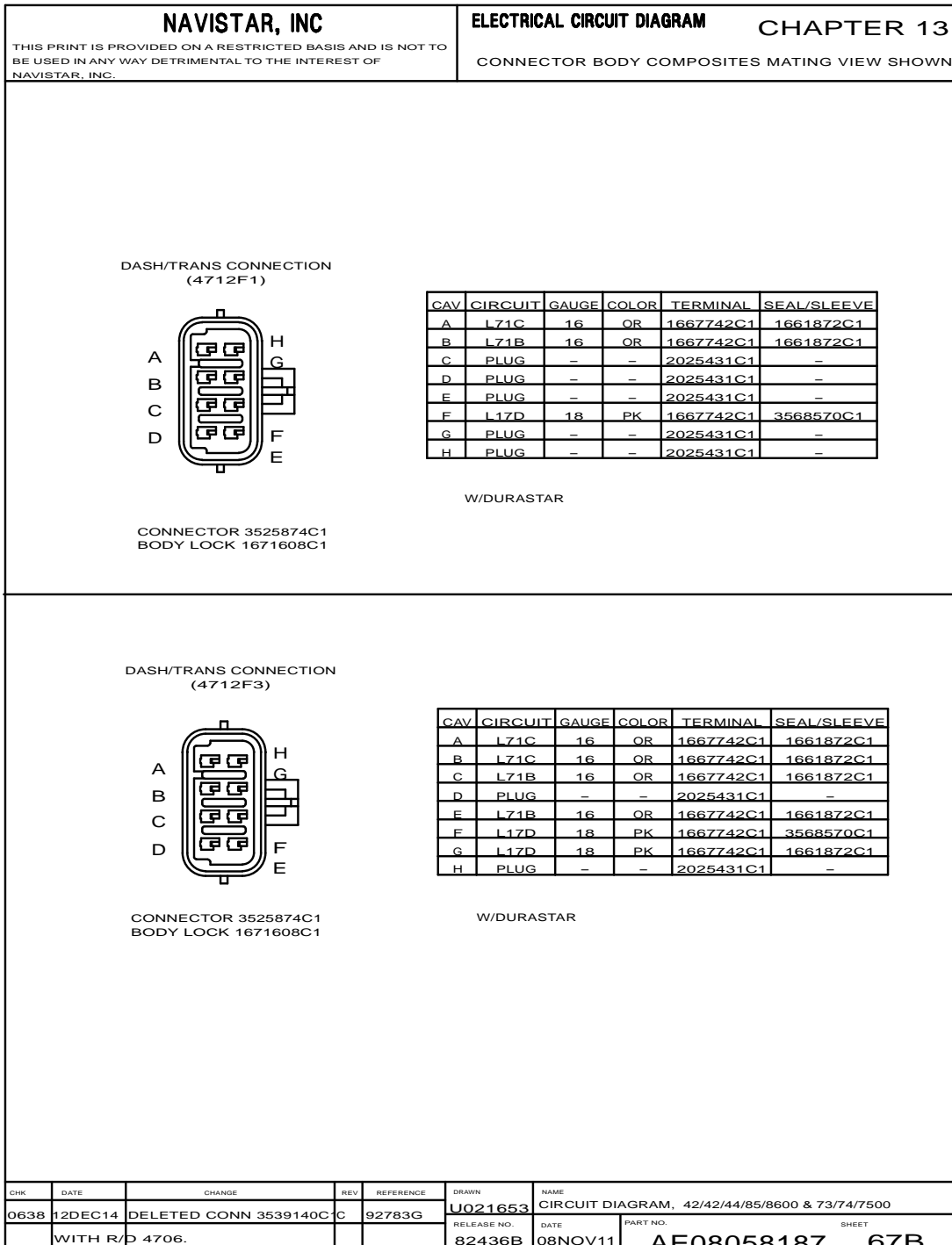


Figure 832 Connector Composites (4712F1), (4712F3)

13.157. CONNECTOR COMPOSITES (4800), (4802), P. 67C

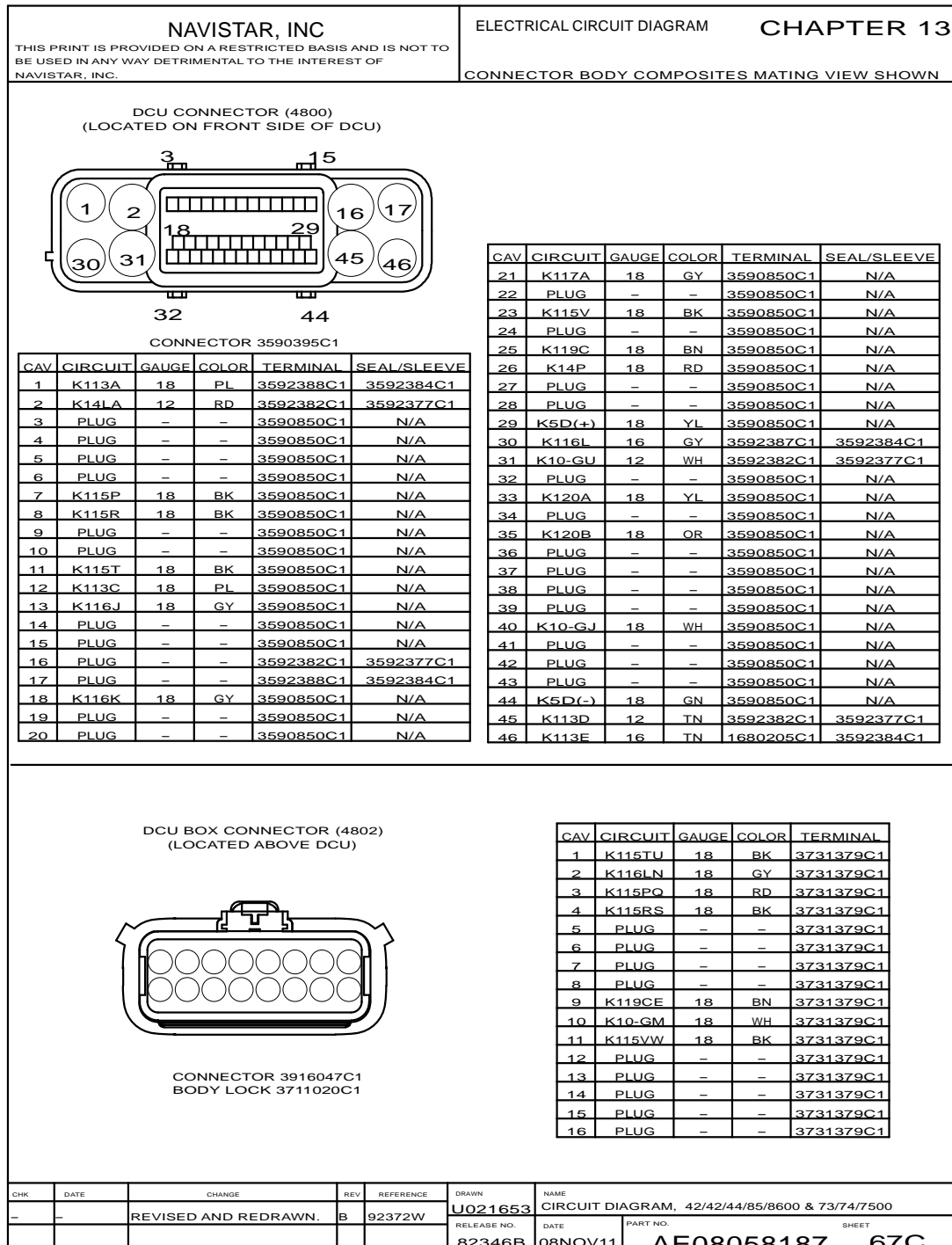


Figure 833 Connector Composites (4800), (4802)

13.158. CONNECTOR COMPOSITES (4803), (4810), (4815), (4830), P. 67D

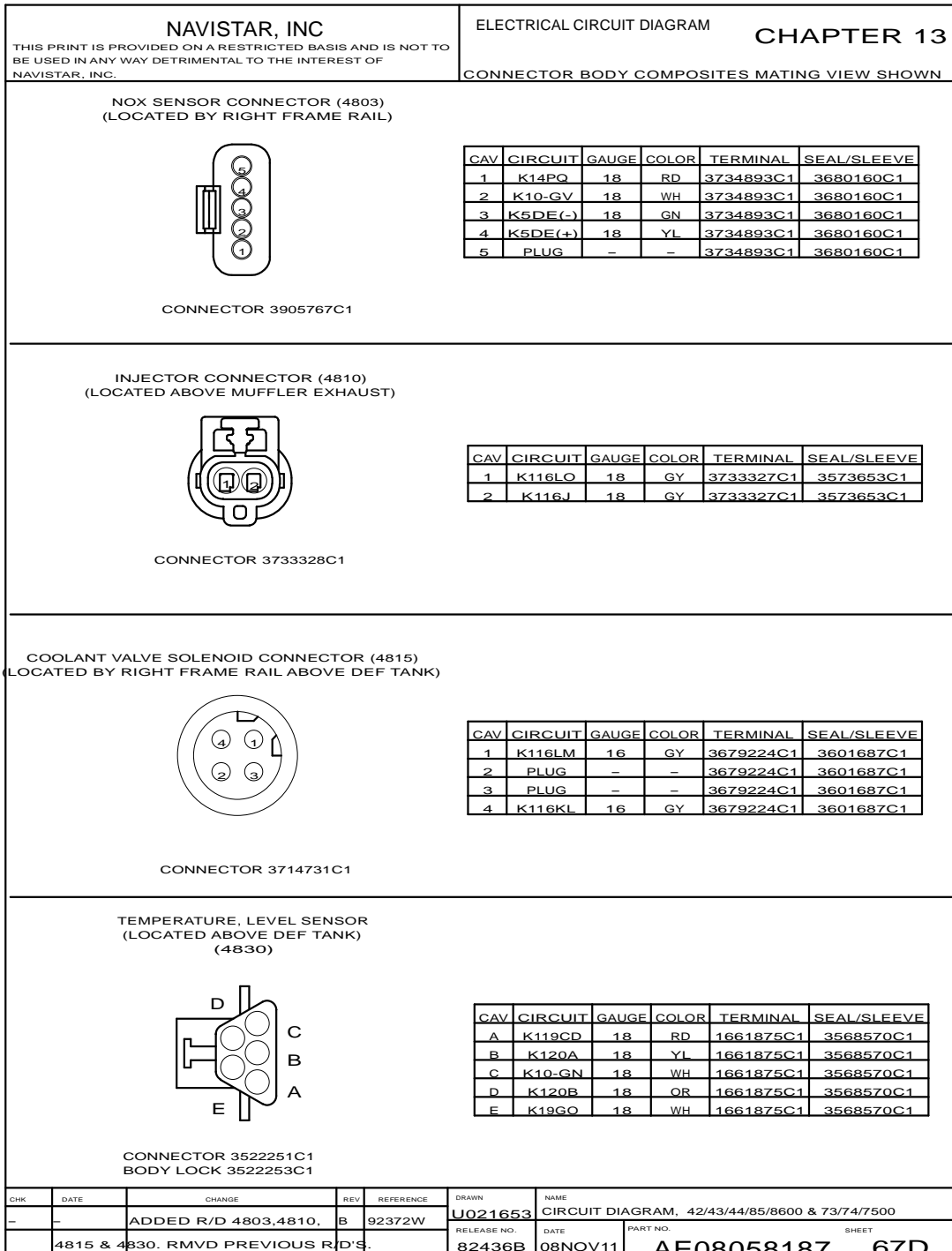


Figure 834 Connector Composites (4803), (4810), (4815), (4830)

13.159. CONNECTOR COMPOSITES (4831), (4833A), (4833B), (4833C), P. 67E

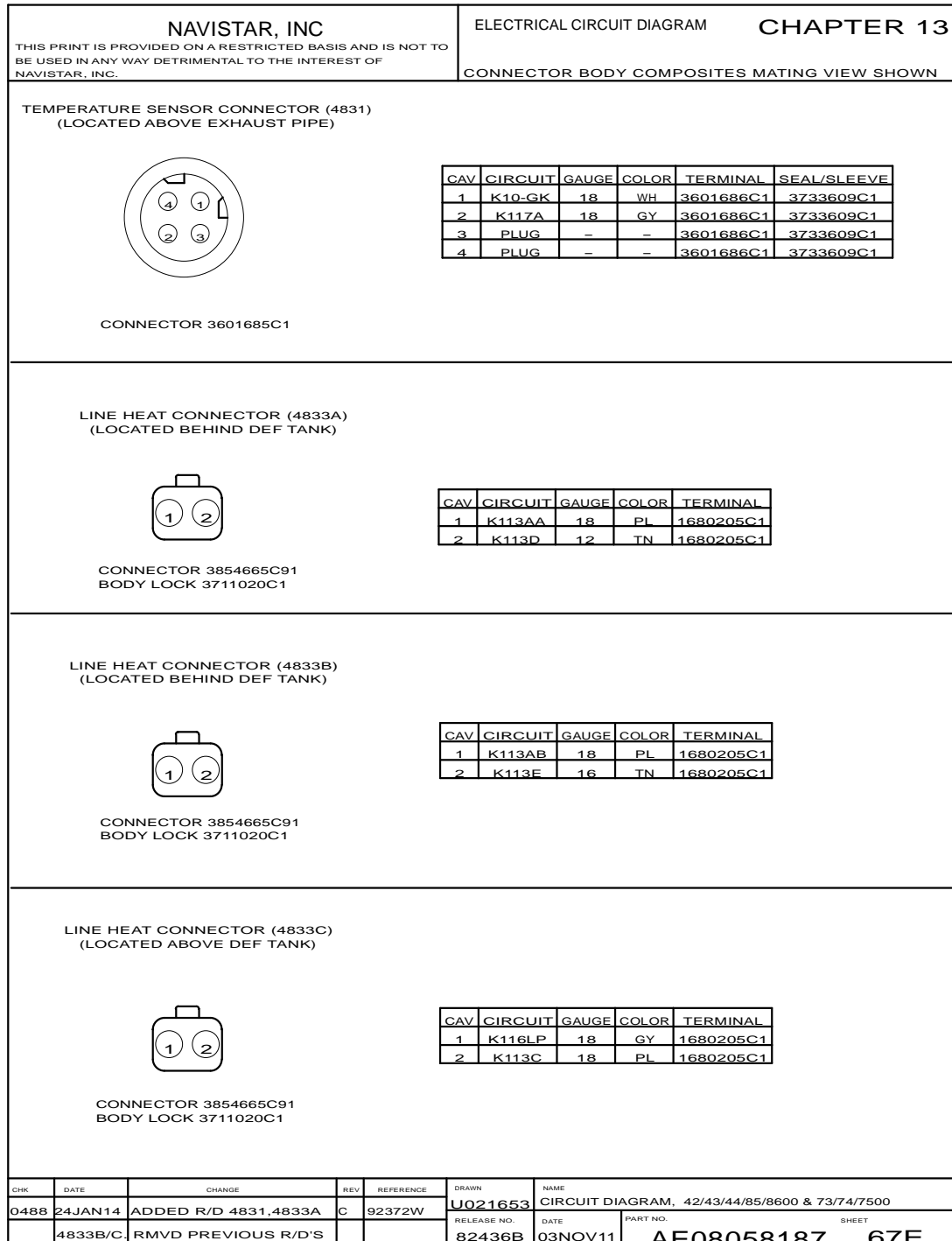


Figure 835 Connector Composites (4831), (4833A), (4833B), (4833C)

13.160. CONNECTOR COMPOSITES (4840), (4840F), (4841), (4841F), P. 67F

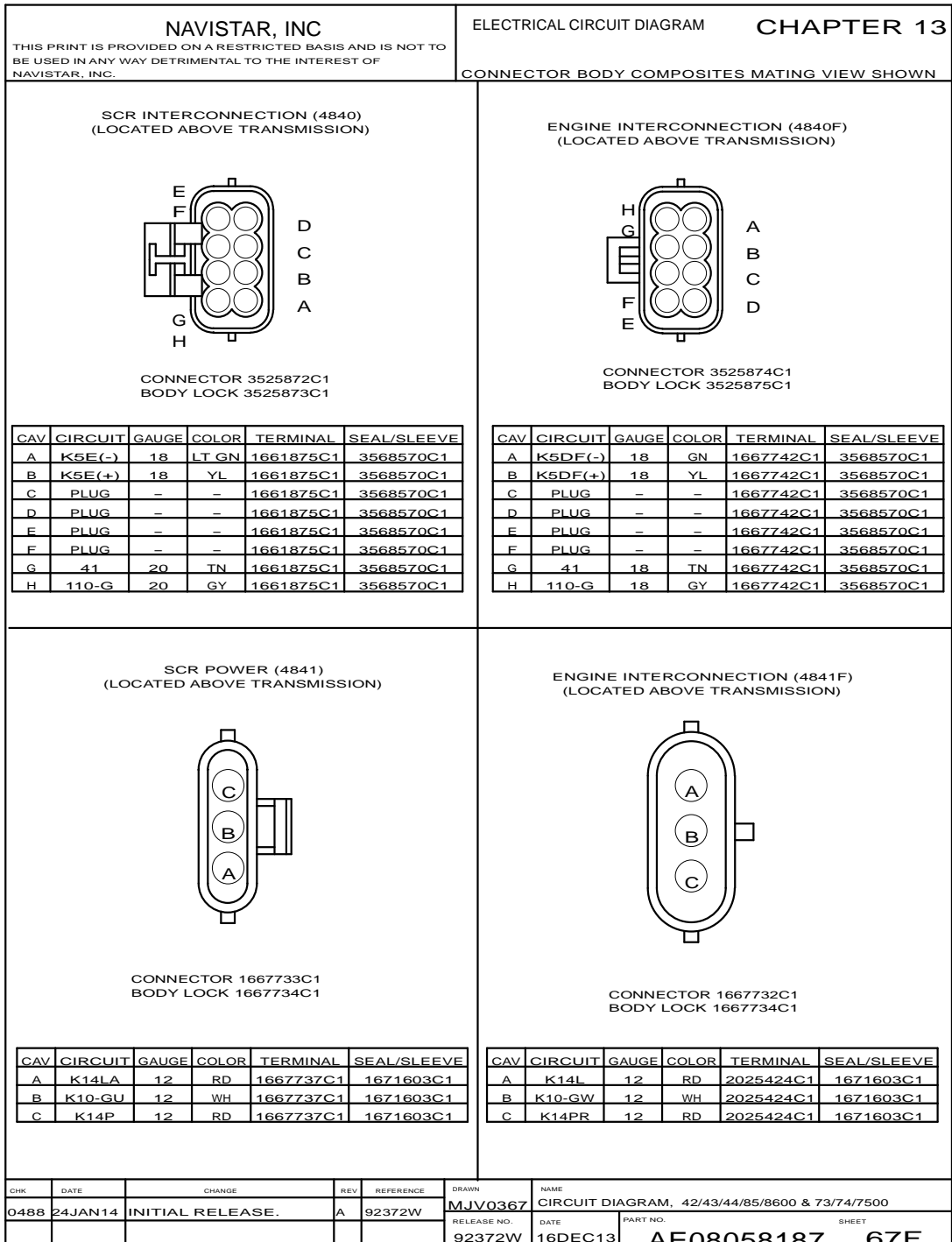


Figure 836 Connector Composites (4840), (4840F), (4841), (4841F)

13.161. CONNECTOR COMPOSITES (4705), (4706), (4905), (4906), P. 68

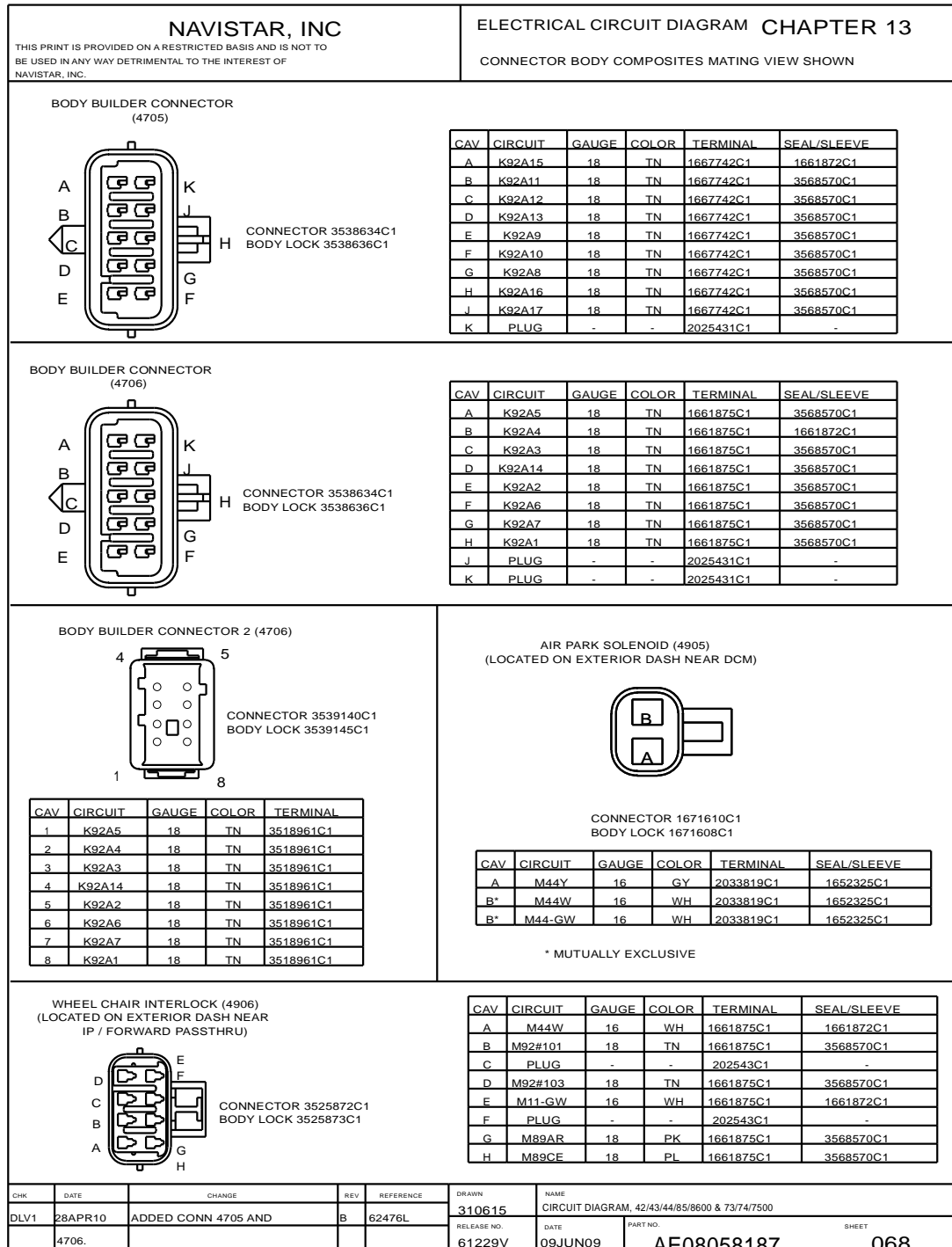


Figure 837 Connector Composites (4705), (4706), (4905), (4906)

13.162. CONNECTOR COMPOSITES (4906C), (4950), (4951), (4952), (4953), P. 68A

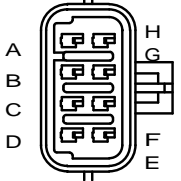




<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 13</b>																																																																			
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<p style="text-align: center;">WHEEL CHAIR INTERLOCK (4906C) (LOCATED ON EXTERIOR DASH NEAR FORWARD /IP PASS THRU)</p>  <p style="text-align: center;">CONNECTOR 3525874C1 BODY LOCK 3525875C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>M44J</td><td>18</td><td>WH</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>A*</td><td>M44J</td><td>18</td><td>WH</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>M92C</td><td>18</td><td>TN</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>PLUG</td><td>-</td><td>-</td><td>202543C1</td><td>-</td></tr> <tr><td>D</td><td>M92C</td><td>18</td><td>TN</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>E</td><td>M44J</td><td>18</td><td>WH</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>E*</td><td>M44J</td><td>18</td><td>GY</td><td>166742C1</td><td>1661872C1</td></tr> <tr><td>F</td><td>PLUG</td><td>-</td><td>-</td><td>202543C1</td><td>-</td></tr> <tr><td>G</td><td>PLUG</td><td>-</td><td>-</td><td>202543C1</td><td>-</td></tr> <tr><td>H</td><td>PLUG</td><td>-</td><td>-</td><td>202543C1</td><td>-</td></tr> </tbody> </table> <p style="text-align: center;">* WHEEL CHAIR LIFT INTERLOCK</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M44J	18	WH	1667742C1	1661872C1	A*	M44J	18	WH	1667742C1	1661872C1	B	M92C	18	TN	1667742C1	1661872C1	C	PLUG	-	-	202543C1	-	D	M92C	18	TN	1667742C1	1661872C1	E	M44J	18	WH	1667742C1	1661872C1	E*	M44J	18	GY	166742C1	1661872C1	F	PLUG	-	-	202543C1	-	G	PLUG	-	-	202543C1	-	H	PLUG	-	-	202543C1	-
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H	PLUG	-	-	202543C1	-																																																																				
<p style="text-align: center;">BENDIX AUTO TRACTION CONTROL (4950) (LOCATED AT END OF FRAME AT REAR AXLE)</p>  <p style="text-align: center;">CONNECTOR 3678796C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>1</td><td>R94BD</td><td>16</td><td>BN</td><td>3679224C1</td><td>3601687C1</td></tr> <tr><td>2</td><td>R94BE</td><td>16</td><td>YL</td><td>3679224C1</td><td>3601687C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	R94BD	16	BN	3679224C1	3601687C1	2	R94BE	16	YL	3679224C1	3601687C1																																																
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<p style="text-align: center;">WABCO AUTO TRACTION CONTROL (4951) (LOCATED AT END OF FRAME AT REAR AXLE)</p>  <p style="text-align: center;">CONNECTOR 3710092C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>1</td><td>IR94WXI</td><td>18</td><td>BN</td><td>ASSY</td><td></td></tr> <tr><td>2</td><td>IR94WZI</td><td>18</td><td>BL</td><td>ASSY</td><td></td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	IR94WXI	18	BN	ASSY		2	IR94WZI	18	BL	ASSY																																																	
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2	R94BE	16	YL	3679224C1	3601687C1																																																																				
<p style="text-align: center;">BENDIX ATC ECE ADR (4953) (LOCATED ON CROSSMEMBER OF REAR AXLE)</p>  <p style="text-align: center;">CONNECTOR 3678796C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>1</td><td>R94BD</td><td>16</td><td>BN</td><td>3679224C1</td><td>3601687C1</td></tr> <tr><td>2</td><td>R94BE</td><td>16</td><td>YL</td><td>3679224C1</td><td>3601687C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	R94BD	16	BN	3679224C1	3601687C1	2	R94BE	16	YL	3679224C1	3601687C1																																																
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																			
0488	25JUN14	ADDED CIRC M44J TO	C	92603H	360070	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																			
CAV A AND E.					RELEASE NO.	DATE	PART NO.																																																																		
					62476L	19NOV09	AE08058187 68A																																																																		

Figure 838 Connector Composites (4906C), (4950), (4951), (4952), (4953)



13.163. CONNECTOR COMPOSITES (5117), (5200), (5500A), P. 68B

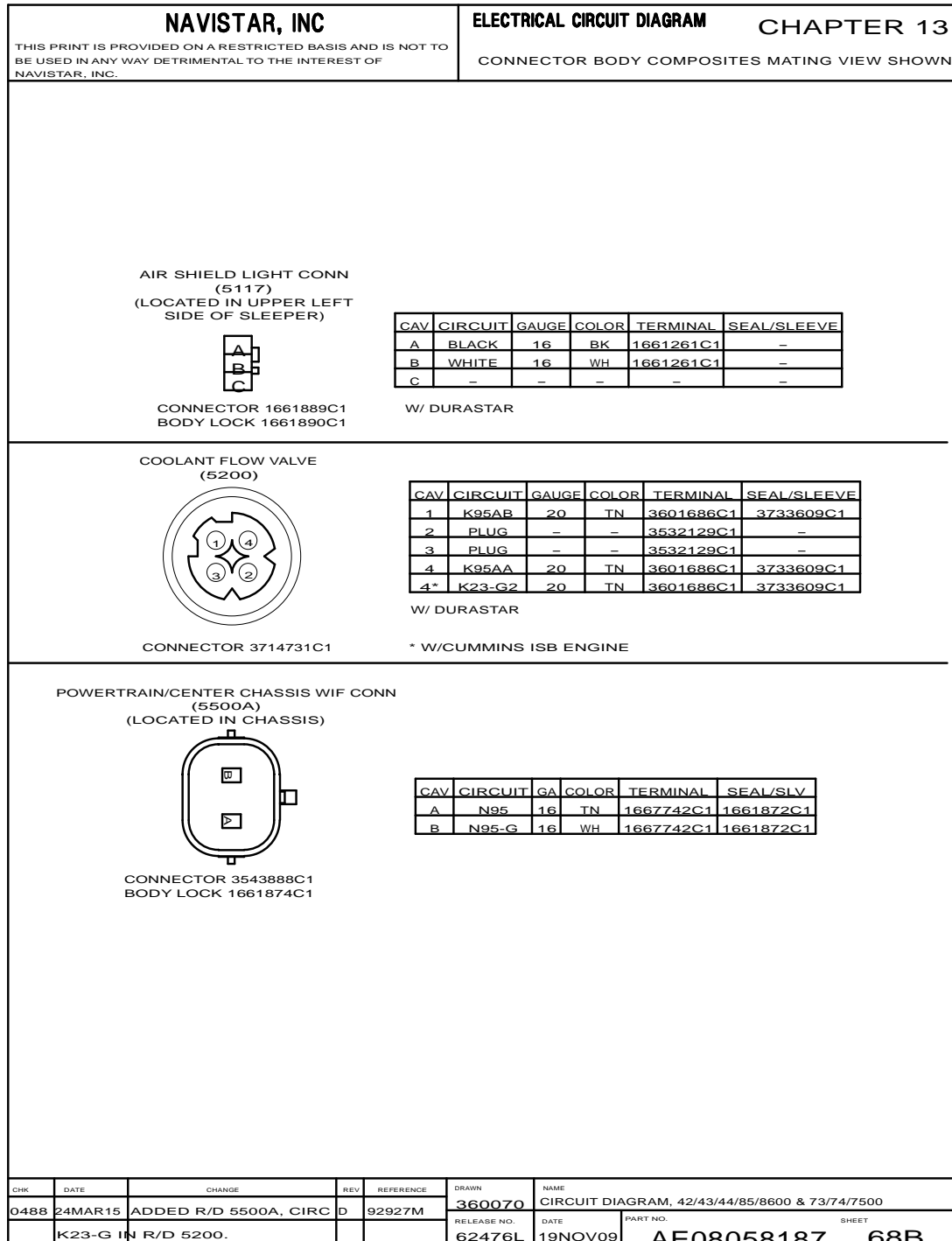


Figure 839 Connector Composites (5117), (5200), (5500A)

13.164. CONNECTOR COMPOSITES (6000), P. 68C

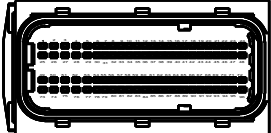
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THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.			CONNECTOR BODY COMPOSITES MATING VIEW SHOWN		
		CUMMINS ECM (6000) (LOCATED IN LEFT SIDE OF ENGINE)			
		CONNECTOR 3945694C1 BODY LOCK 3743662C1			
	<b>CAV</b>	<b>CIRCUIT</b>	<b>GAUGE</b>	<b>COLOR</b>	<b>TERMINAL</b>
	1	K14A5	16	RD	3743666C1
	2	PLUG	-	-	3744547C1
	3	K95-GB	16	TN	3743666C1
	3&	K95GBE	16	TN	3743666C1
	4	PLUG	-	-	3744547C1
	5	K13B	18	PK	3743666C1
	6	K95F	20	TN	3743668C1
	7	K95-GA	20	TN	3743668C1
	8*	K6A	20	GY	3743668C1
	8#	K6A	20	PL	3743668C1
	9	K97C	20	PL	3743668C1
	10	K99B	20	PL	3743668C1
	11	PLUG	-	-	3744547C1
	12	K46B	20	GY	3743668C1
	13	K95	20	TN	3743668C1
	14**	K95KA	20	TN	3743668C1
	15**	K95KB	20	TN	3743668C1
	16	K95K	20	TN	3743668C1
	17-18	PLUG	-	-	3744547C1
	19	K46A	20	GY	3743668C1
	20-21	PLUG	-	-	3744547C1
	22@	K5(+)	20	YL	3743668C1
	22%	K5B(+)	20	YL	3743668C1
	22**	K5D(+)	20	YL	3743668C1
	22**	K5H(+)	20	YL	3743668C1
	22##	K5A(+)	20	YL	3743668C1
	23-24	PLUG	-	-	3744547C1
	25	K14A4	16	RD	3743666C1
	26	K14A3	16	RD	3743666C1
	27	K14A2	16	RD	3743666C1
	28	K14A1	16	RD	3743666C1
	29	PLUG	-	-	3744547C1
	30	K97AR	20	PL	3743668C1
	31	PLUG	-	-	3744547C1
	32	K9A	20	GY	3743668C1
	33	K97B	20	PL	3743668C1
	34	PLUG	-	-	3744547C1
	35	K34	20	TN	3743668C1
	35*&	K34A	20	TN	3743668C1
	36-37	PLUG	-	-	3744547C1
	38	K95B	20	TN	3743668C1
	38&	K95GBE	16	TN	3743666C1
	39	K95A1	20	TN	3743668C1
	39&	K95AS2	20	TN	3743668C1
	40	K95C	20	TN	3743668C1
	40&	K95AU2	20	TN	3743668C1
* & W/ F-2013-ISL-ENG & W/ F-2017-ISL-ENG ** W/ F-2017-ISB-ENG ## W/J1939 EATON PROCISSION XMSN * OEM SENSOR SUPPLY W/ BODY BUILDER # OEM SENSOR SUPPLY N/ BODY BUILDER @ J1939 W/ MANUAL TRANSMISSION % J1939 W/ ALLISON TRANSMISSION @@ ECM RETURN N/ BODY BUILDER %% ECM RETURN W/ BODY BUILDER					
	<b>CAV</b>	<b>CIRCUIT</b>	<b>GAUGE</b>	<b>COLOR</b>	<b>TERMINAL</b>
	41	K95	20	TN	3743668C1
	41&	K95BA	20	TN	3743668C1
	42	K95A	20	TN	3743668C1
	42&	K95BC	20	TN	3743668C1
	43-45	PLUG	-	-	3744547C1
	46@	K5(-)	20	GN	3743668C1
	46%	K5B(-)	20	GN	3743668C1
	46**	K5D(-)	20	GN	3743668C1
	46**	K5H(-)	20	GN	3743668C1
	46##	K5A(-)	20	GN	3743668C1
	47-48	PLUG	-	-	3744547C1
	49	K10-GA	16	WH	3743666C1
	50	K10-GB	16	WH	3743666C1
	51	K10-GC	16	WH	3743666C1
	52	K10-GD	16	WH	3743666C1
	53	K95(-)	20	GN	3743668C1
	53&	K95DVL	20	GN	3743668C1
	54	K95E	20	TN	3743668C1
	55-56	PLUG	-	-	3744547C1
	57	K95AA	20	TN	3743668C1
	57**	K23-G1	20	TN	3743668C1
	58	PLUG	-	-	3744547C1
	59	K47C	20	GY	3743668C1
	59*&	K47A	20	GY	3743668C1
	60	K47B	20	GY	3743668C1
	60*&	K47	20	GY	3743668C1
	61	K97N	20	PL	3743668C1
	62@@	K9-G	20	GY	3743668C1
	62%%	K9A	20	GY	3743668C1
	63	K99A	20	PL	3743668C1
	64	K97M	20	PL	3743668C1
	65	K41A	20	TN	3743668C1
	66	K97XG	20	GY	3743668C1
	67	K99F	20	PL	3743668C1
	68-69	PLUG	-	-	3744547C1
	70**	K97XC	20	TN	3743668C1
	71-72	PLUG	-	-	3744547C1
	73	K10-GE	16	WH	3743666C1
	74	PLUG	-	-	3744547C1
	75	K18	18	PK	3743666C1
	76	K18R	18	PK	3743666C1
	77	K95(+)	20	YL	3743668C1
	77&	K95DVH	20	YL	3743668C1
	78**	K23	20	TN	3743668C1
	79	K95D	20	TN	3743668C1
	79&	K95SB	20	TN	3743668C1
	80	PLUG	-	-	3744547C1
	81	K95G	20	TN	3743668C1
	82	K95AB	20	TN	3743668C1
	82&	K95AC	20	TN	3743668C1
	83	K17	20	PK	3743668C1
	84	K95MA	20	TN	3743668C1
	85	K95MB	20	TN	3743668C1
	86-89	PLUG	-	-	3744547C1
	90	K99B	20	PL	3743668C1
	91-93	PLUG	-	-	3744547C1
	94	K99C	20	PL	3743668C1
	95-96	PLUG	-	-	3744547C1
<b>CHK</b>	<b>DATE</b>	<b>CHANGE</b>	<b>REV</b>	<b>REFERENCE</b>	<b>NAME</b>
MJV0	03 OCT 16	REVISED AND REDRAWN.	H	93425N	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO. DATE PART NO. SHEET
					92218B 30 JUL 13 AE08058187 68C

Figure 840 Connector Composites (6000)

13.165. CONNECTOR COMPOSITES (6000), P. 68D

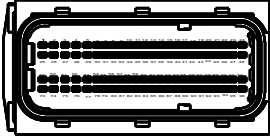
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<p>W/ F-2017-ISB-ENG                  * J1939 W/ EATON ULTRASHIFT                  @ J1939 (CAN-BUS 500K)                  W/ ALLISON 1000-2000 TRANSMISSION                  % J1939 500K EATON EPS                  &amp; J1939 W/ EATON ULTRASHIFT                  # J1939 (CAN-BUS 500K)                  W/ ALLISON 1000-2000 TRANSMISSION                  ^ J1939 500K EATON EPS                  ** ECM RETURN W/ BODY BUILDER</p>																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Figure 841 Connector Composites (6000)

13.166. CONNECTOR COMPOSITES (6003), (6004), (6005), (6007), (6008), (6009), P. 68E

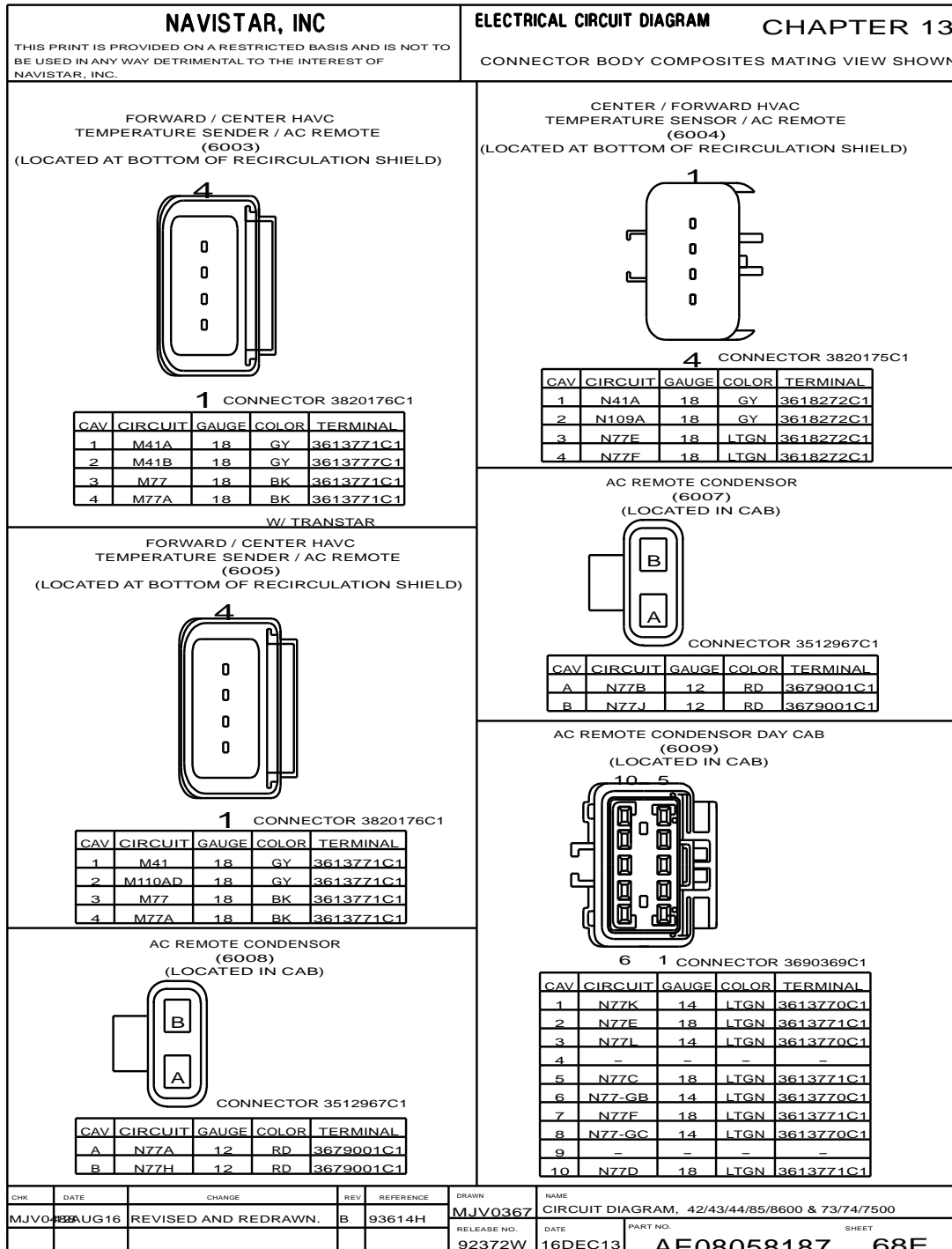


Figure 842 Connector Composites (6003), (6004), (6005), (6007), (6008), (6009)

13.167. CONNECTOR COMPOSITES (6011), P. 69

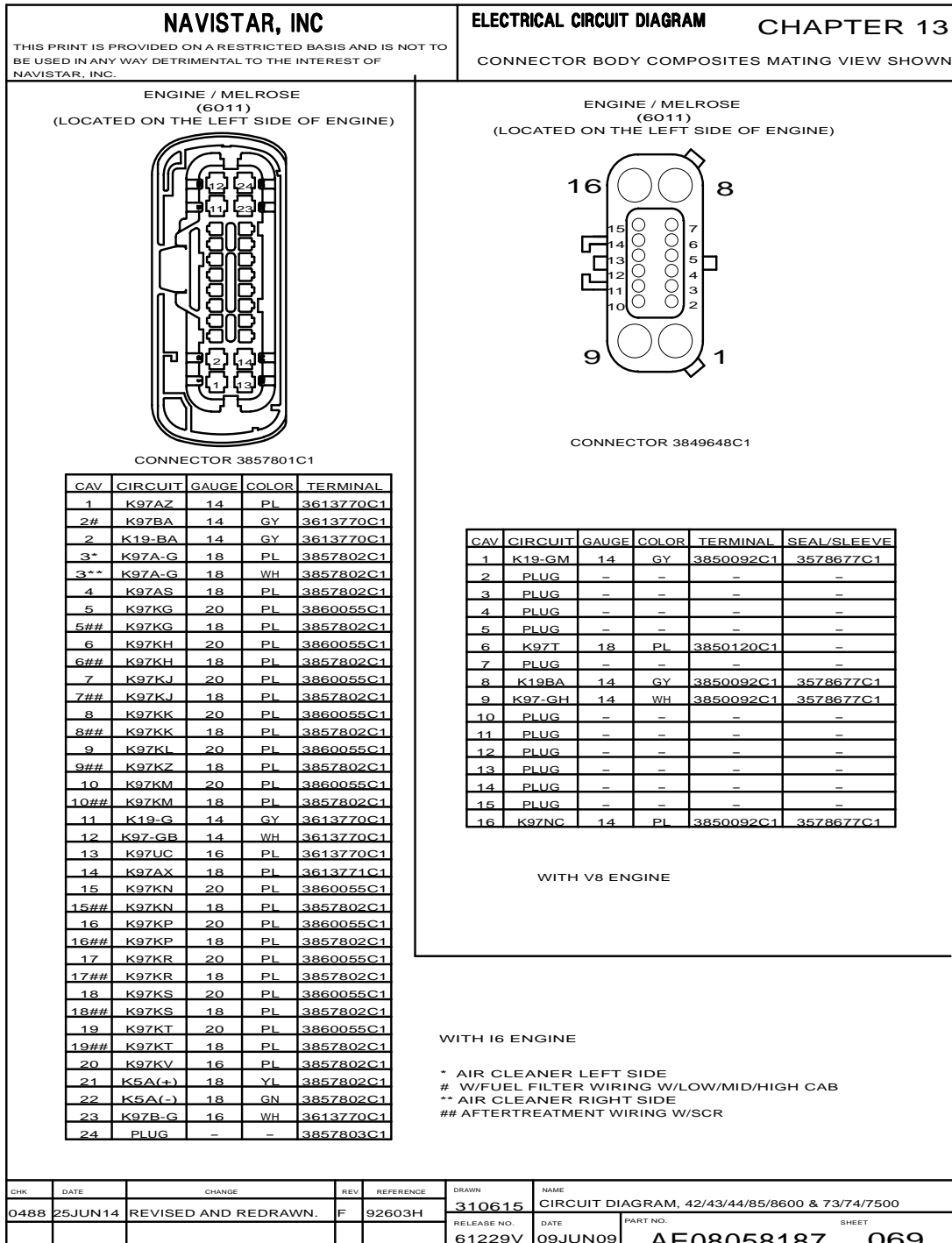


Figure 843 Connector Composites (6011)

13.168. CONNECTOR COMPOSITES (6012), (6013), P. 69A

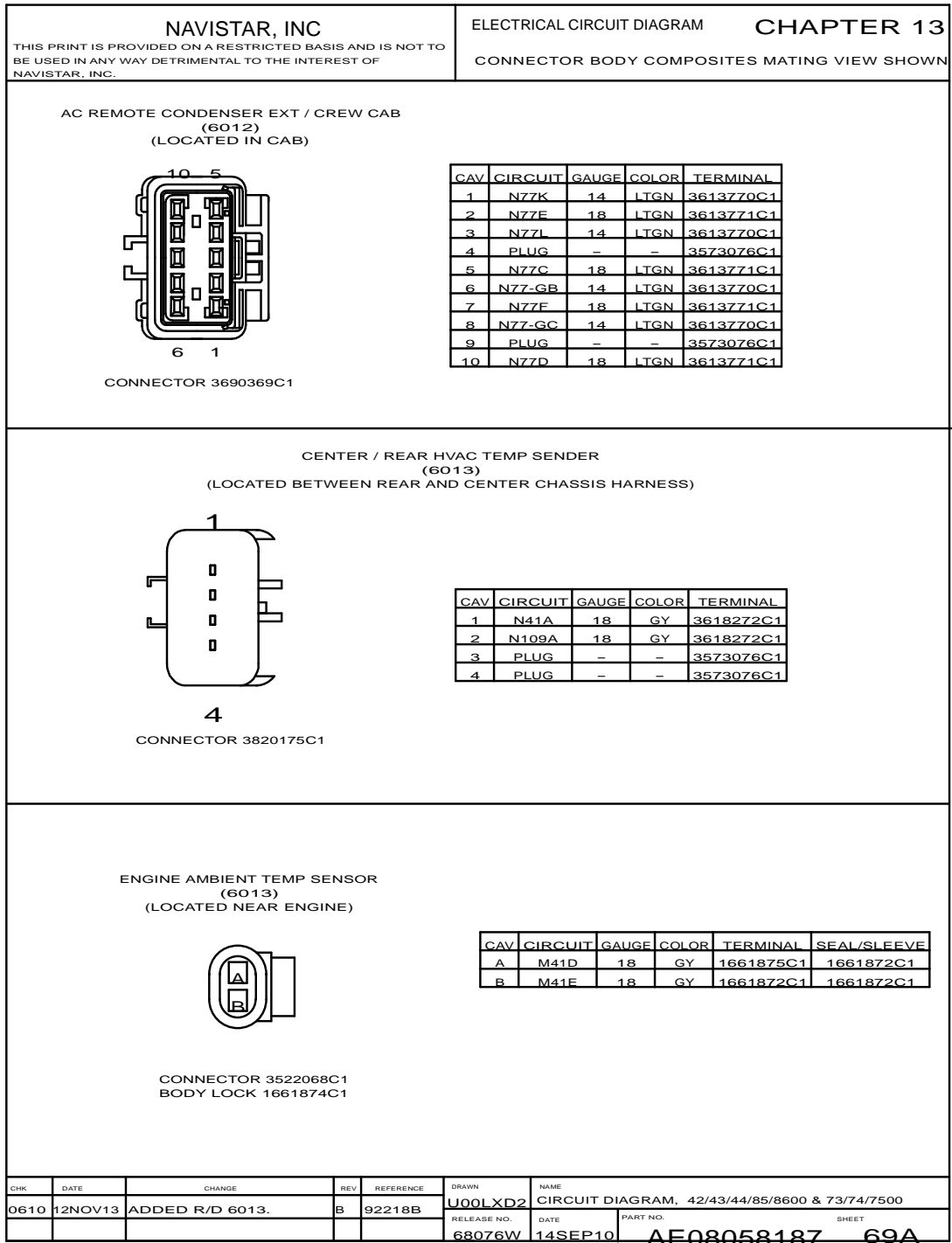


Figure 844 Connector Composites (6012), (6013)

13.169. CONNECTOR COMPOSITES (6018), P. 70

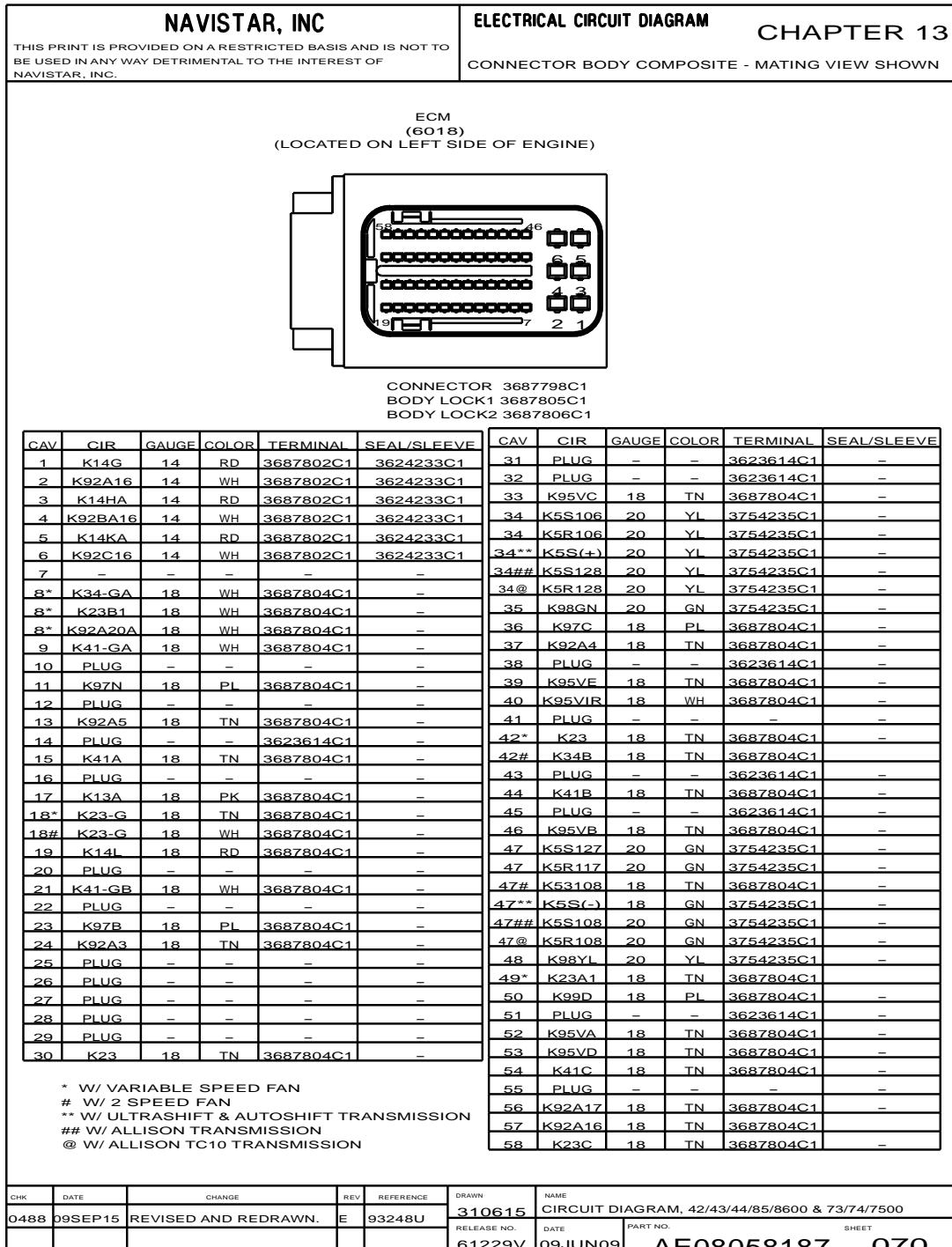


Figure 845 Connector Composites (6018)

13.170. CONNECTOR COMPOSITES (6019), P. 71

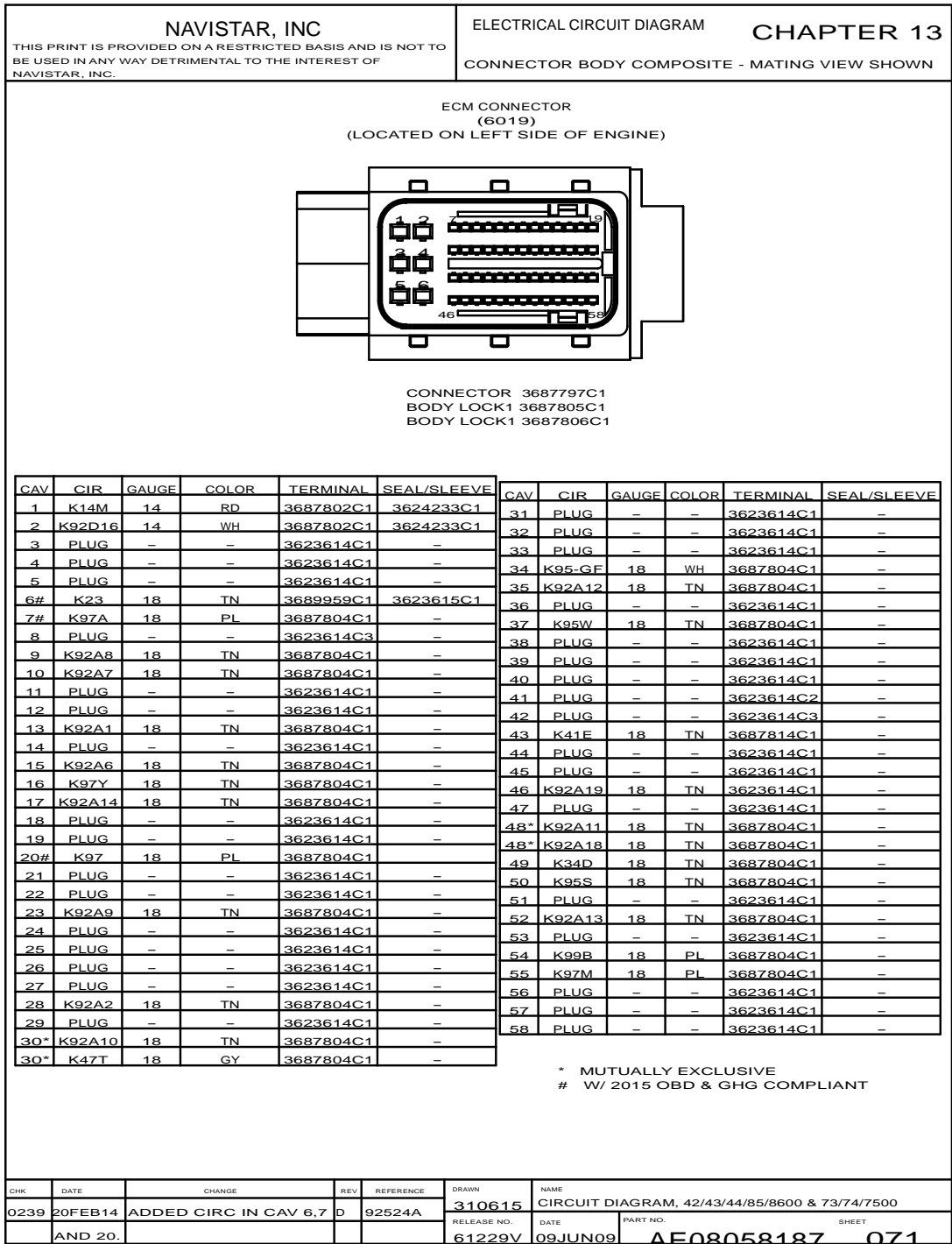


Figure 846 Connector Composites (6019)



13.171. CONNECTOR COMPOSITES (6020M), P. 71A

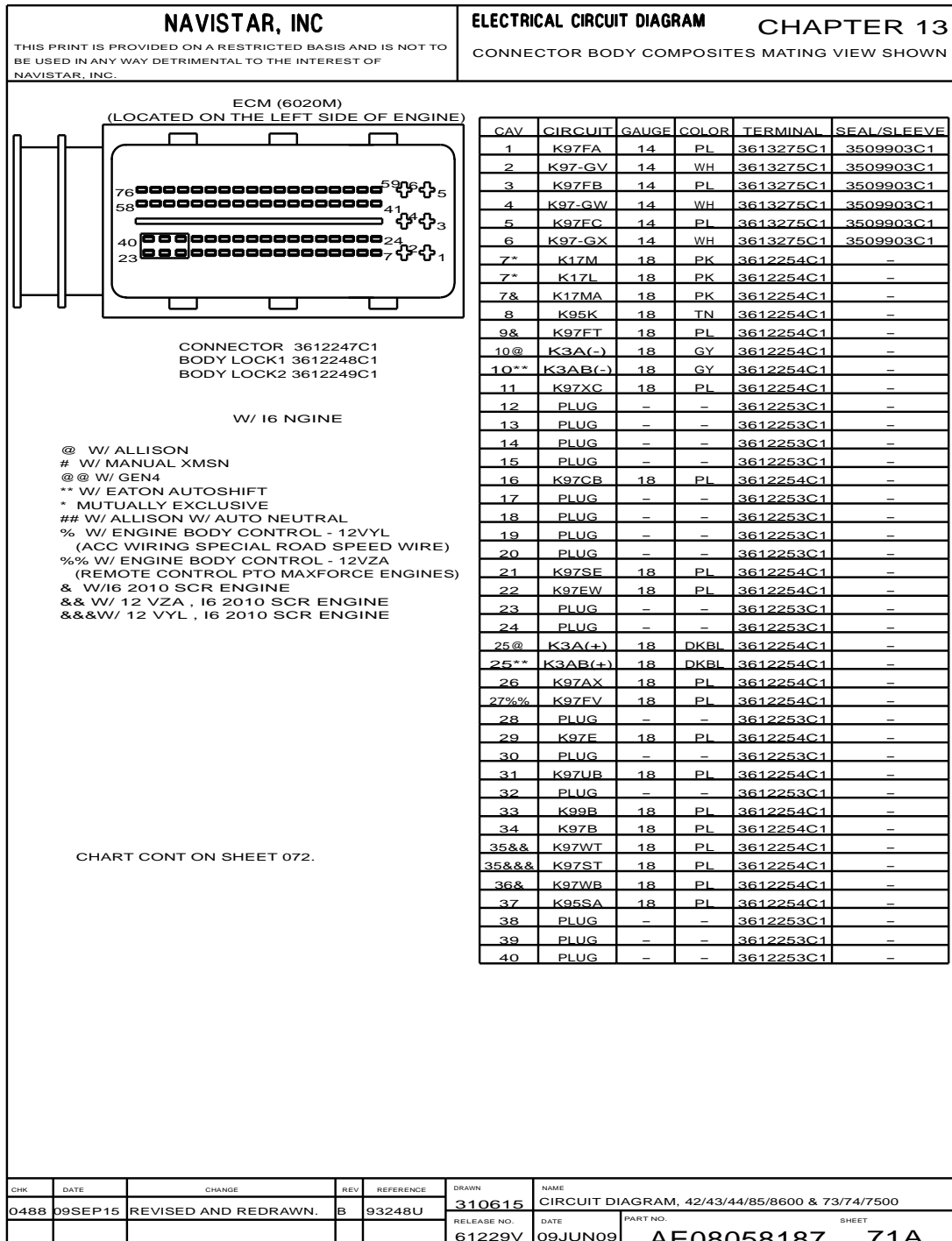


Figure 847 Connector Composites (6020M)

13.172. CONNECTOR COMPOSITES (6020M), P. 72

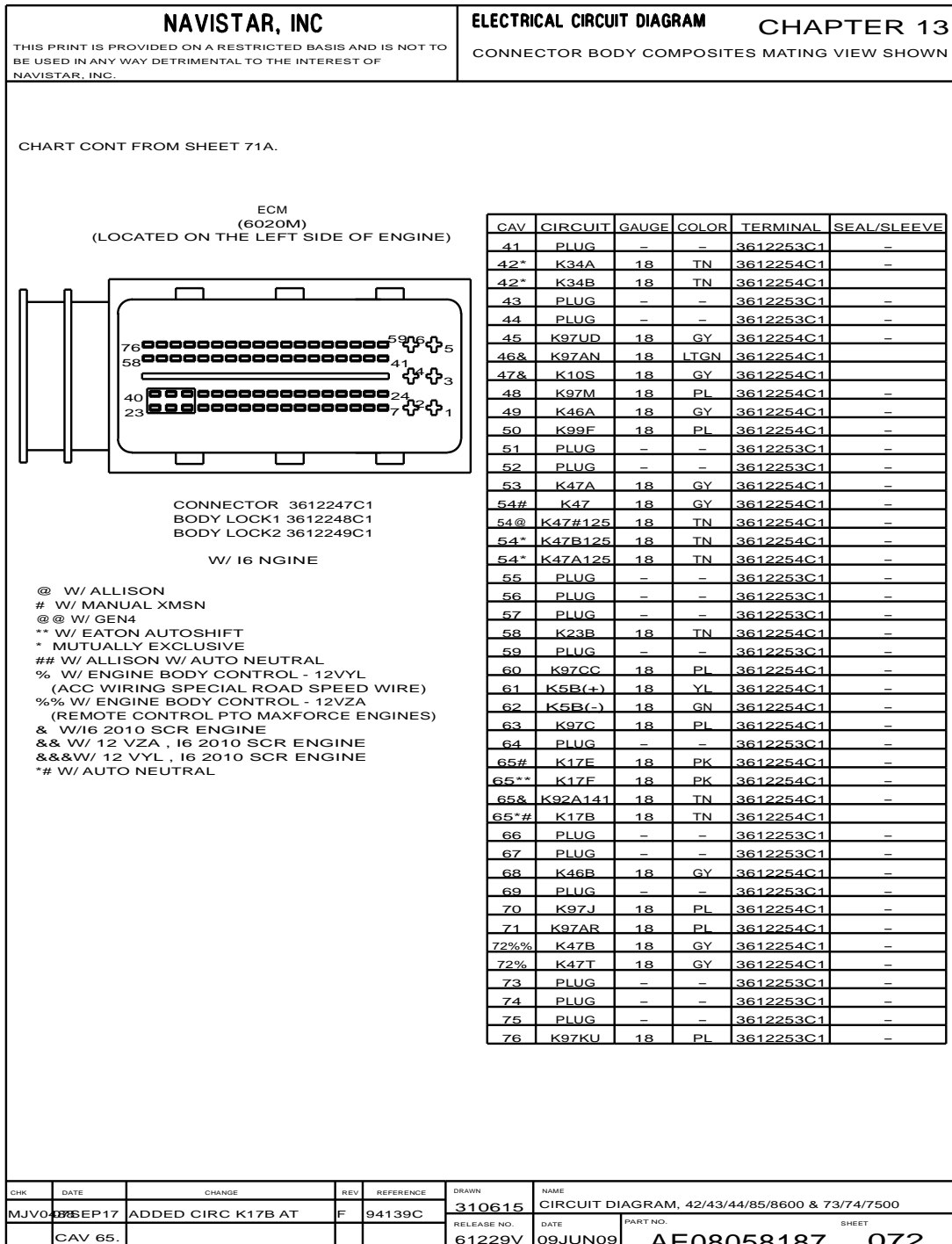


Figure 848 Connector Composites (6020M)

13.173. CONNECTOR COMPOSITES (6020M), P. 72A

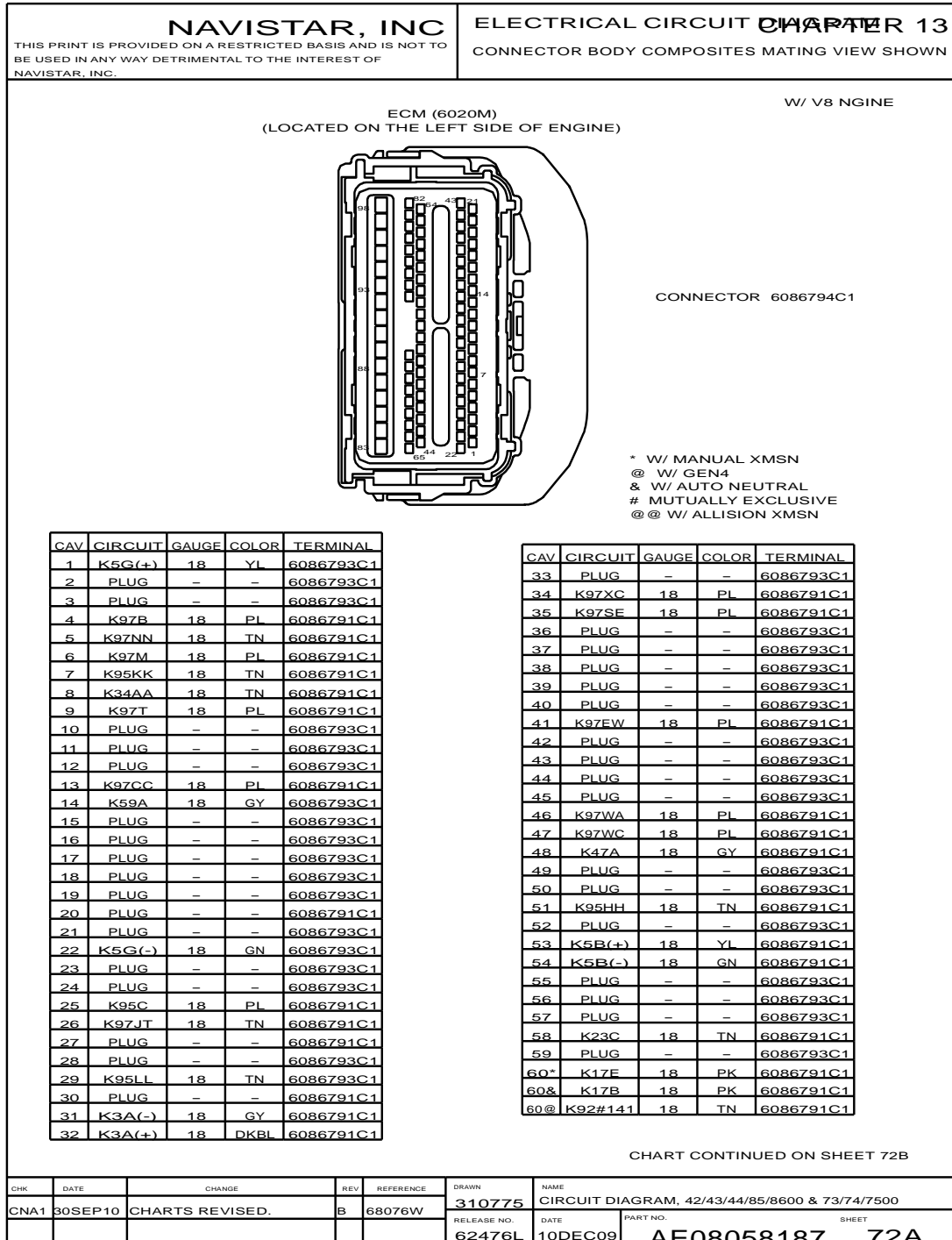


Figure 849 Connector Composites (6020M)

13.174. CONNECTOR COMPOSITES (6020M), P. 72B

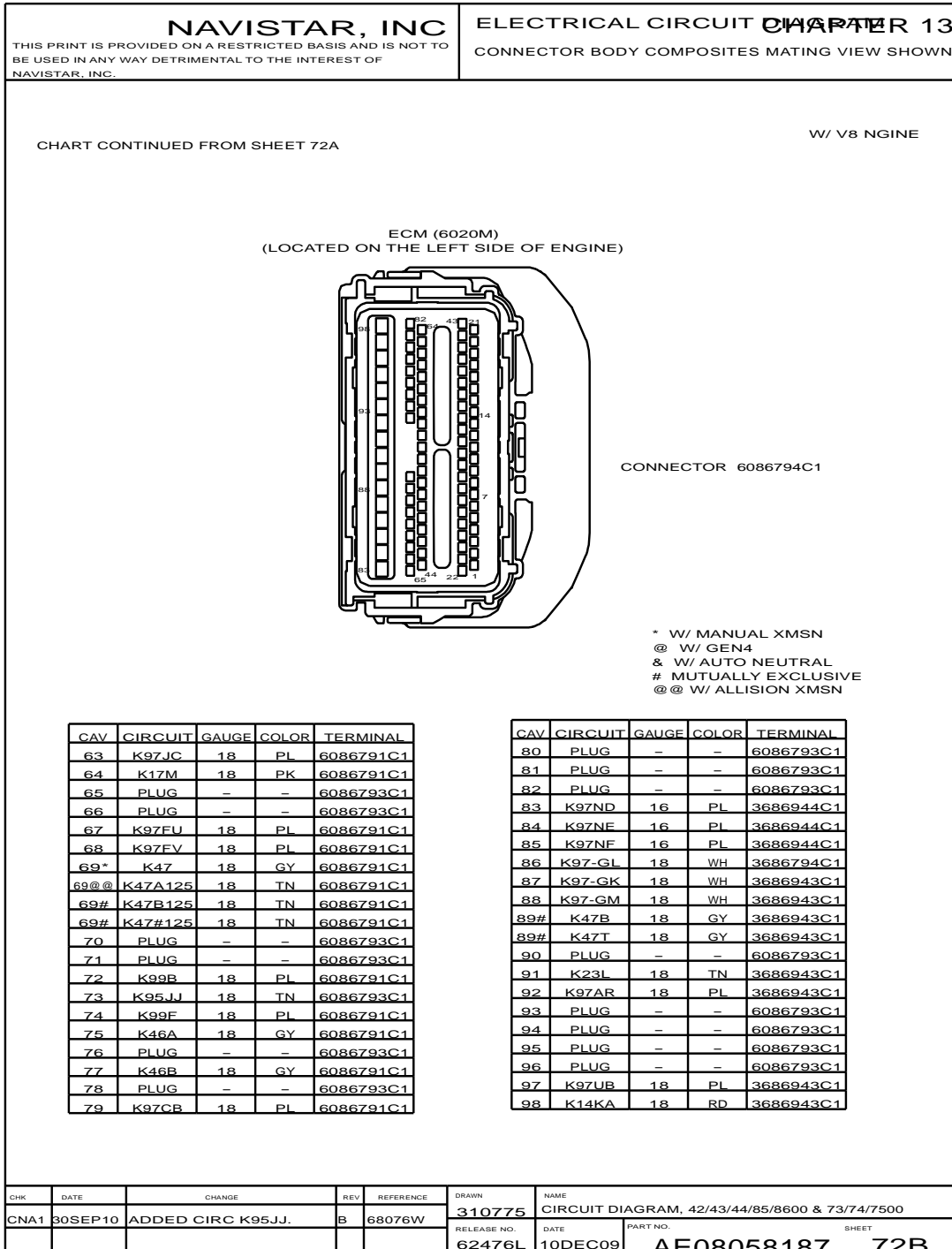


Figure 850 Connector Composites (6020M)

13.175. CONNECTOR COMPOSITES (6022), (6023), (6033), P. 73

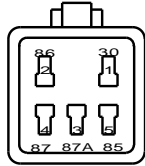
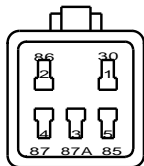
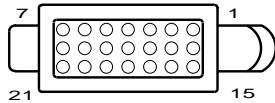
<p><b>NAVISTAR, INC</b></p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>	<p><b>ELECTRICAL CIRCUIT DIAGRAM</b>    <b>CHAPTER 13</b></p> <p>CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p>																																																																																																																																																
<p><b>ECM POWER RELAY (6022)</b> (LOCATED NEAR THE IP / ENGINE INTERCONNECTION)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>1</td><td>K97XA</td><td>10</td><td>PL</td><td>3512334C1</td><td>0589390C1</td></tr> <tr><td>2</td><td>K97XB</td><td>16</td><td>VT</td><td>2039343C1</td><td>1652325C1</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr> <tr><td>4</td><td>K97F</td><td>10</td><td>PL</td><td>3512334C1</td><td>0589390C1</td></tr> <tr><td>4*</td><td>K97N</td><td>10</td><td>PL</td><td>3512334C1</td><td>0589390C1</td></tr> <tr><td>5</td><td>K97JA</td><td>18</td><td>PL</td><td>2039343C1</td><td>3517771C1</td></tr> <tr><td>5*</td><td>K97JC</td><td>18</td><td>PL</td><td>2039343C1</td><td>3517771C1</td></tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 3512331C91 BODY LOCK 3515185C1</p> <p style="text-align: right; font-size: 8px;">* W/ V8 ENGINE</p>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K97XA	10	PL	3512334C1	0589390C1	2	K97XB	16	VT	2039343C1	1652325C1	3	PLUG	-	-	0587579C1	-	4	K97F	10	PL	3512334C1	0589390C1	4*	K97N	10	PL	3512334C1	0589390C1	5	K97JA	18	PL	2039343C1	3517771C1	5*	K97JC	18	PL	2039343C1	3517771C1																																																																																																
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<p><b>ENGINE SENSOR INTERFACE (6033)</b> (LOCATED NEAR ENGINE)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>10**</td><td>K97</td><td>18</td><td>PL</td><td>3803140C1</td><td>3803134C1</td></tr> <tr><td>11**</td><td>K97A</td><td>18</td><td>PL</td><td>3803140C1</td><td>3803134C1</td></tr> <tr><td>12*</td><td>K47</td><td>18</td><td>GY</td><td>3803140C1</td><td>3803134C1</td></tr> <tr><td>12#@</td><td>K47A125</td><td>18</td><td>TN</td><td>3803140C1</td><td>3803134C1</td></tr> <tr><td>13</td><td>K47A</td><td>18</td><td>GY</td><td>3803140C1</td><td>3803134C1</td></tr> <tr><td>14</td><td>K97Y</td><td>18</td><td>TN</td><td>3803140C1</td><td>3803134C1</td></tr> <tr><td>15</td><td>K41D</td><td>16</td><td>TN</td><td>3803140C1</td><td>3803134C1</td></tr> <tr><td>16</td><td>K5A(+)</td><td>18</td><td>YL</td><td>3803140C1</td><td>3803134C1</td></tr> <tr><td>17</td><td>K5A(-)</td><td>18</td><td>GN</td><td>3803140C1</td><td>3803134C1</td></tr> <tr><td>18</td><td>PLUG</td><td>-</td><td>-</td><td>3803138C1</td><td>-</td></tr> <tr><td>19</td><td>K21B3</td><td>18</td><td>TN</td><td>3803140C1</td><td>3803134C1</td></tr> <tr><td>20</td><td>K21B2</td><td>18</td><td>TN</td><td>3803140C1</td><td>3803134C1</td></tr> <tr><td>21</td><td>K21B1</td><td>18</td><td>TN</td><td>3803140C1</td><td>3803134C1</td></tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 3803137C1 BODY LOCK1 3803139C1 BODY LOCK2 3803117C1</p> <table border="1" style="font-size: 8px; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>1</td><td>K10-GJ</td><td>16</td><td>WH</td><td>3803140C1</td><td>3803134C1</td></tr> <tr><td>2</td><td>K10-GK</td><td>16</td><td>WH</td><td>3803140C1</td><td>3803134C1</td></tr> <tr><td>3</td><td>K14F</td><td>14</td><td>RD</td><td>3803140C1</td><td>3803134C1</td></tr> <tr><td>4</td><td>K14FA</td><td>14</td><td>RD</td><td>3803140C1</td><td>3803134C1</td></tr> <tr><td>5</td><td>K14A</td><td>18</td><td>TN</td><td>3803140C1</td><td>3803134C1</td></tr> <tr><td>6</td><td>K14-GA</td><td>18</td><td>WH</td><td>3803140C1</td><td>3803134C1</td></tr> <tr><td>7</td><td>K41B</td><td>18</td><td>TN</td><td>3803140C1</td><td>3803134C1</td></tr> <tr><td>8</td><td>K41C</td><td>18</td><td>TN</td><td>3803140C1</td><td>3803134C1</td></tr> <tr><td>9</td><td>K41-GB</td><td>18</td><td>WH</td><td>3803140C1</td><td>3803134C1</td></tr> </tbody> </table> <p style="text-align: right; font-size: 8px;">* W/ MANUAL TRANSMISSION # W/ ALLISION TRANSMISSION @ W/ ALLISON TC10 TRANSMISSION **W/ 2015 OBD &amp; GHG COMPLIANT</p>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	10**	K97	18	PL	3803140C1	3803134C1	11**	K97A	18	PL	3803140C1	3803134C1	12*	K47	18	GY	3803140C1	3803134C1	12#@	K47A125	18	TN	3803140C1	3803134C1	13	K47A	18	GY	3803140C1	3803134C1	14	K97Y	18	TN	3803140C1	3803134C1	15	K41D	16	TN	3803140C1	3803134C1	16	K5A(+)	18	YL	3803140C1	3803134C1	17	K5A(-)	18	GN	3803140C1	3803134C1	18	PLUG	-	-	3803138C1	-	19	K21B3	18	TN	3803140C1	3803134C1	20	K21B2	18	TN	3803140C1	3803134C1	21	K21B1	18	TN	3803140C1	3803134C1	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K10-GJ	16	WH	3803140C1	3803134C1	2	K10-GK	16	WH	3803140C1	3803134C1	3	K14F	14	RD	3803140C1	3803134C1	4	K14FA	14	RD	3803140C1	3803134C1	5	K14A	18	TN	3803140C1	3803134C1	6	K14-GA	18	WH	3803140C1	3803134C1	7	K41B	18	TN	3803140C1	3803134C1	8	K41C	18	TN	3803140C1	3803134C1	9	K41-GB	18	WH	3803140C1	3803134C1
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Figure 851 Connector Composites (6022), (6023), (6033)

13.176. CONNECTOR COMPOSITES (6060), (6061), (6062), (6063), (6064), (6065), P. 73A

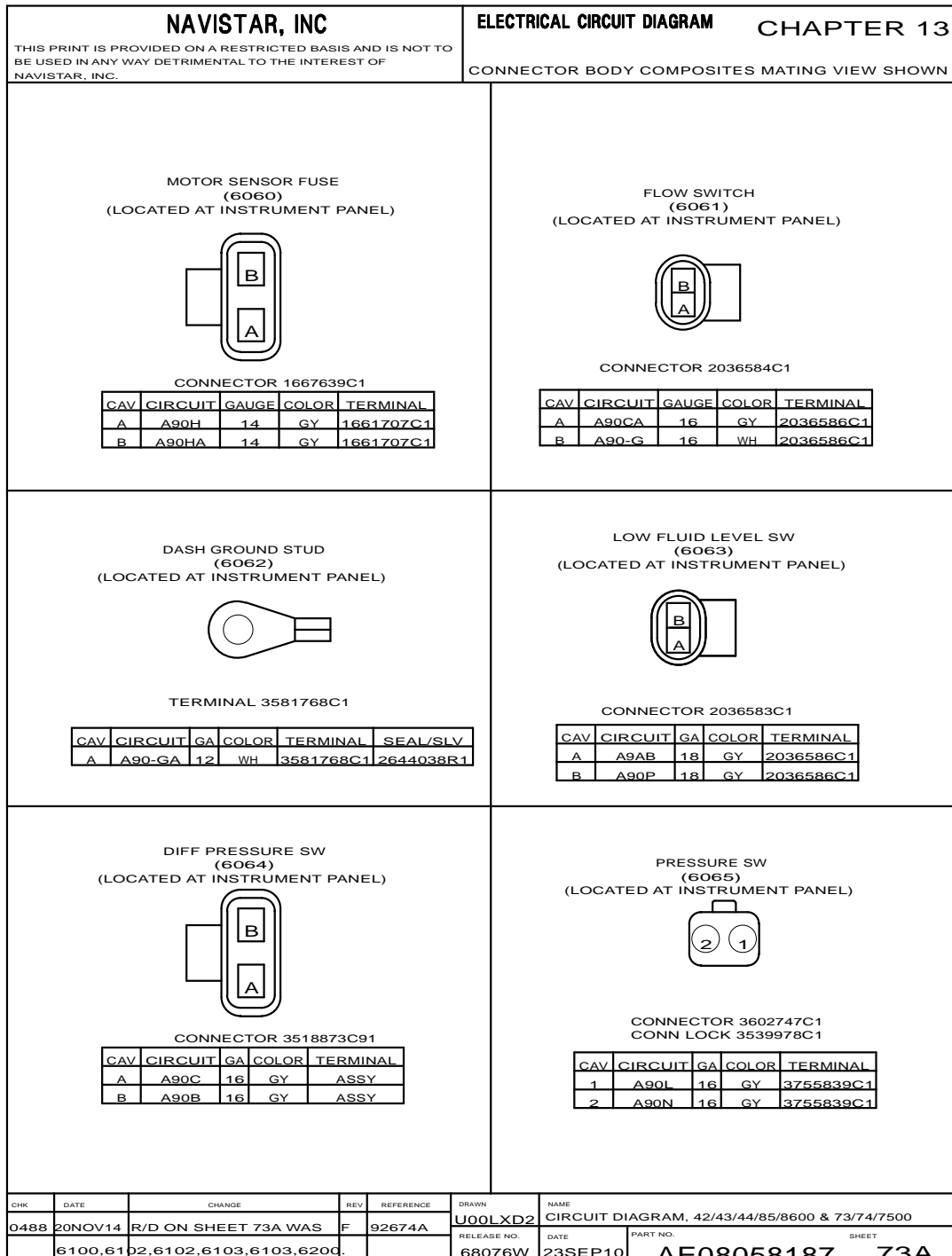


Figure 852 Connector Composites (6060), (6061), (6062), (6063), (6064), (6065)

13.177. CONNECTOR COMPOSITES (6066), (6067), (6068), (6069), (6070), (6071), P. 73B

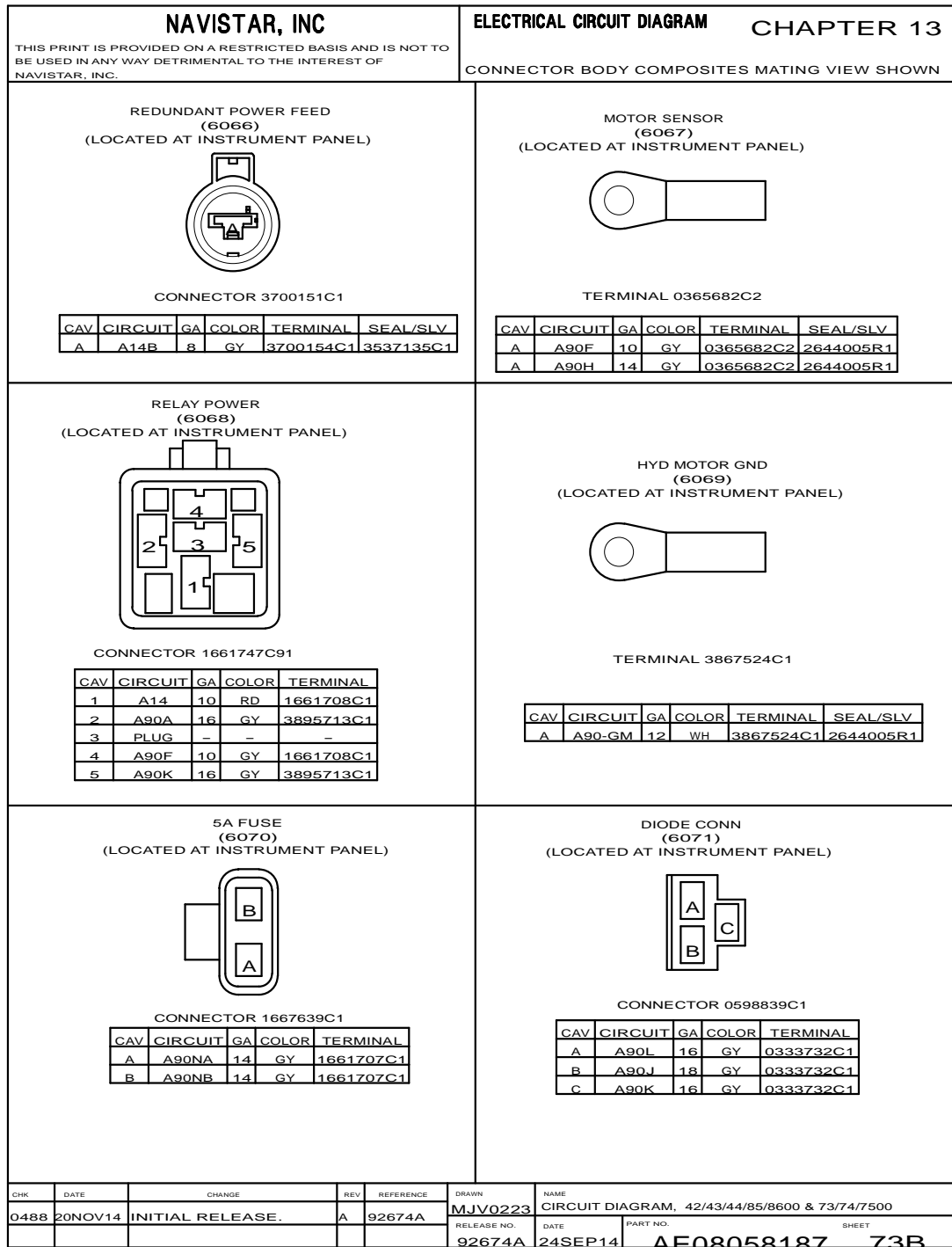


Figure 853 Connector Composites (6066), (6067), (6068), (6069), (6070), (6071)

13.178. CONNECTOR COMPOSITES (6100), (6102), (6103), (6200), P. 73C

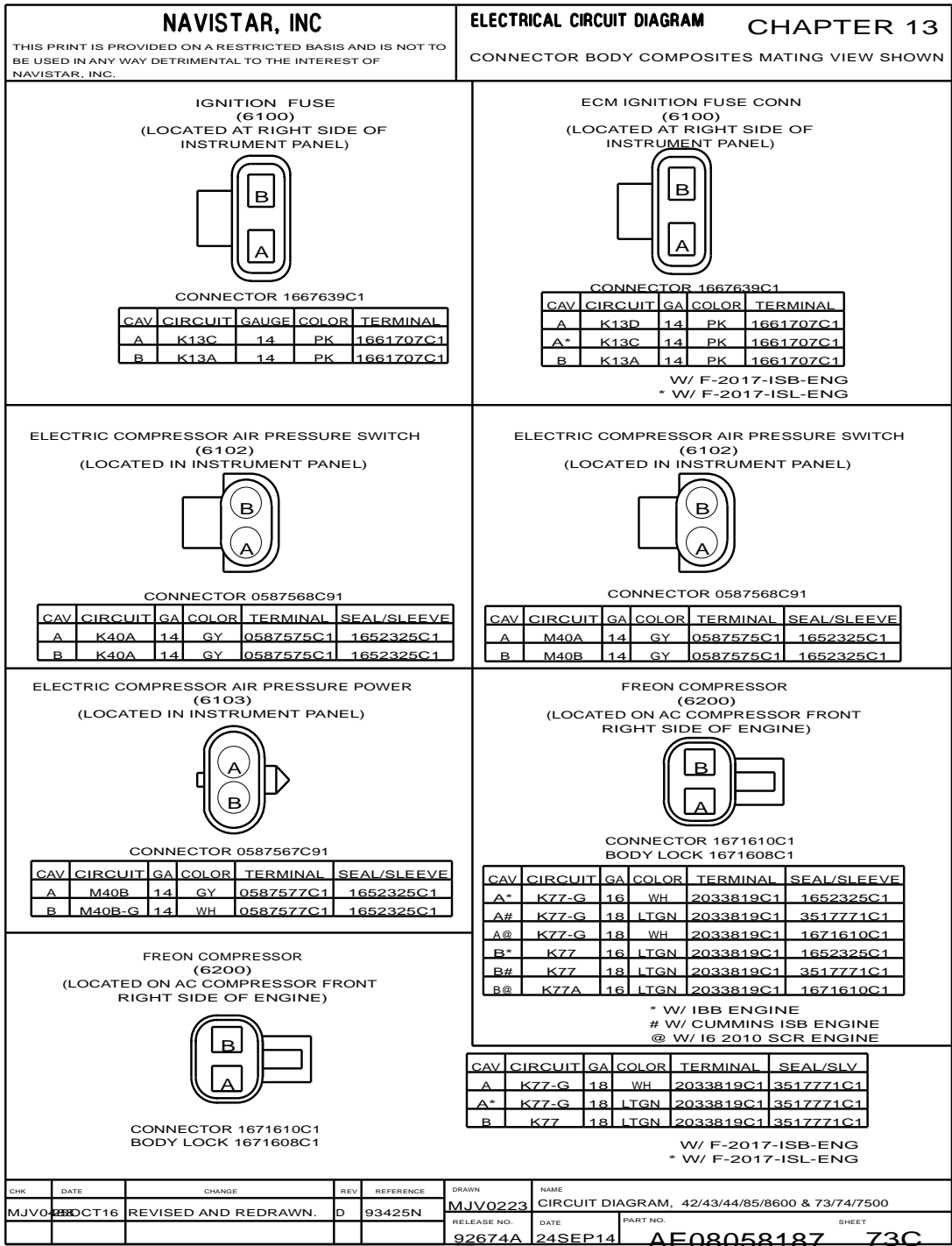


Figure 854 Connector Composites (6100), (6102), (6103), (6200)



13.179. CONNECTOR COMPOSITES (\*6201), (6201), (6201A), (6201B), (6201P), P. 74


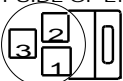
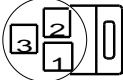
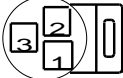
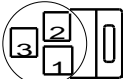
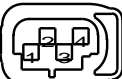
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																															
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																	
A/C PRESSURE TRANSDUCER (*6201) (LOCATED ON A/C COMPRESSOR FRONT RIGHT SIDE OF ENGINE)				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K77-ZV</td> <td>18</td> <td>LTGN</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>K77A</td> <td>18</td> <td>LTGN</td> <td>1651943C1</td> </tr> <tr> <td>C</td> <td>K77B</td> <td>18</td> <td>LTGN</td> <td>1651943C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K77-ZV	18	LTGN	1651943C1	B	K77A	18	LTGN	1651943C1	C	K77B	18	LTGN	1651943C1	*W/ F-2013-ISL-ENG *W/ F-2013-ISL-ENG *W/ F-2017-ISB-ENG																									
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2	K6DB	18	GY	3554322C1	3554318C1																																																
3	K77B	18	LTGN	3554322C1	3554318C1																																																
																																																					
AC PRESSURE TRANSDUCER (6201P) (LOCATED ON AC COMPRESSOR FRONT RIGHT SIDE OF ENGINE)				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K9AAA</td> <td>20</td> <td>GY</td> <td>3702881C1</td> <td>3600327C1</td> </tr> <tr> <td>1</td> <td>K9AA</td> <td>20</td> <td>GY</td> <td>3702881C1</td> <td>3600327C1</td> </tr> <tr> <td>2</td> <td>K9AA</td> <td>16</td> <td>GY</td> <td>3561584C1</td> <td>3536868C1</td> </tr> <tr> <td>2</td> <td>K77B</td> <td>20</td> <td>LTGN</td> <td>3702881C1</td> <td>3600327C1</td> </tr> <tr> <td>3</td> <td>K77C</td> <td>20</td> <td>LTGN</td> <td>3702881C1</td> <td>3600327C1</td> </tr> <tr> <td>4</td> <td>K6DB</td> <td>20</td> <td>GY</td> <td>3702881C1</td> <td>3600327C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K9AAA	20	GY	3702881C1	3600327C1	1	K9AA	20	GY	3702881C1	3600327C1	2	K9AA	16	GY	3561584C1	3536868C1	2	K77B	20	LTGN	3702881C1	3600327C1	3	K77C	20	LTGN	3702881C1	3600327C1	4	K6DB	20	GY	3702881C1	3600327C1	CONNECTOR 3600324C1			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																
1	K9AAA	20	GY	3702881C1	3600327C1																																																
1	K9AA	20	GY	3702881C1	3600327C1																																																
2	K9AA	16	GY	3561584C1	3536868C1																																																
2	K77B	20	LTGN	3702881C1	3600327C1																																																
3	K77C	20	LTGN	3702881C1	3600327C1																																																
4	K6DB	20	GY	3702881C1	3600327C1																																																
																																																					
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																															
MJVO	03OCT16	ADDED SYNONYM	L	93425N	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																															
F-2017 ISL-ENG IN R/D *6201.					RELEASE NO.	DATE	PART NO.																																														
					61229V	09JUN09	AE08058187 074																																														

Figure 855 Connector Composites (\*6201), (6201), (6201A), (6201B), (6201P)

13.180. CONNECTOR COMPOSITES (6260A), (6260F), (6260FP), (6260H), P. 74A

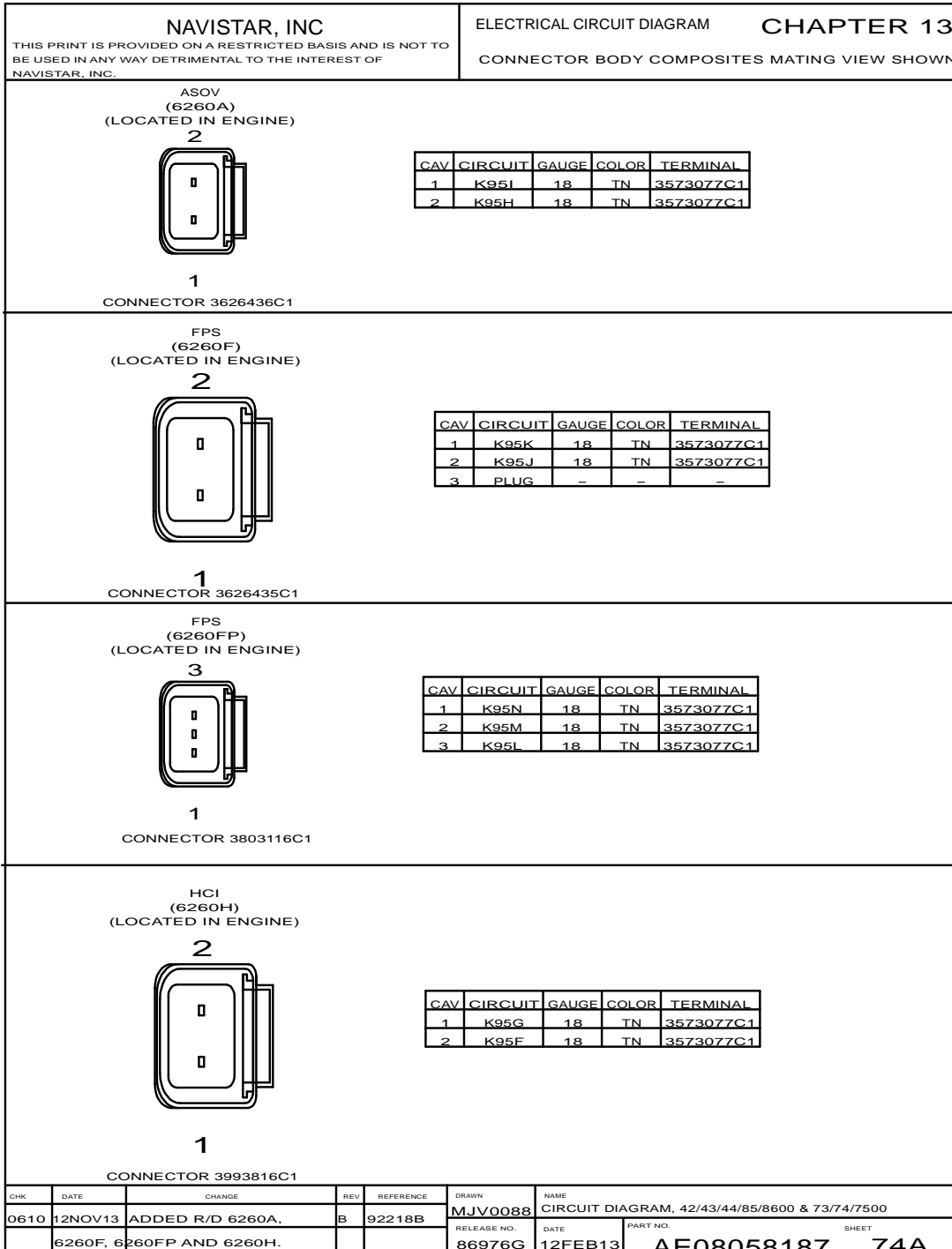


Figure 856 Connector Composites (6260A), (6260F), (6260FP), (6260H)

13.181. CONNECTOR COMPOSITES (6260HL), (6260HR), (6260UC), (6260VH), (6260VL), (6260VM), P. 74B

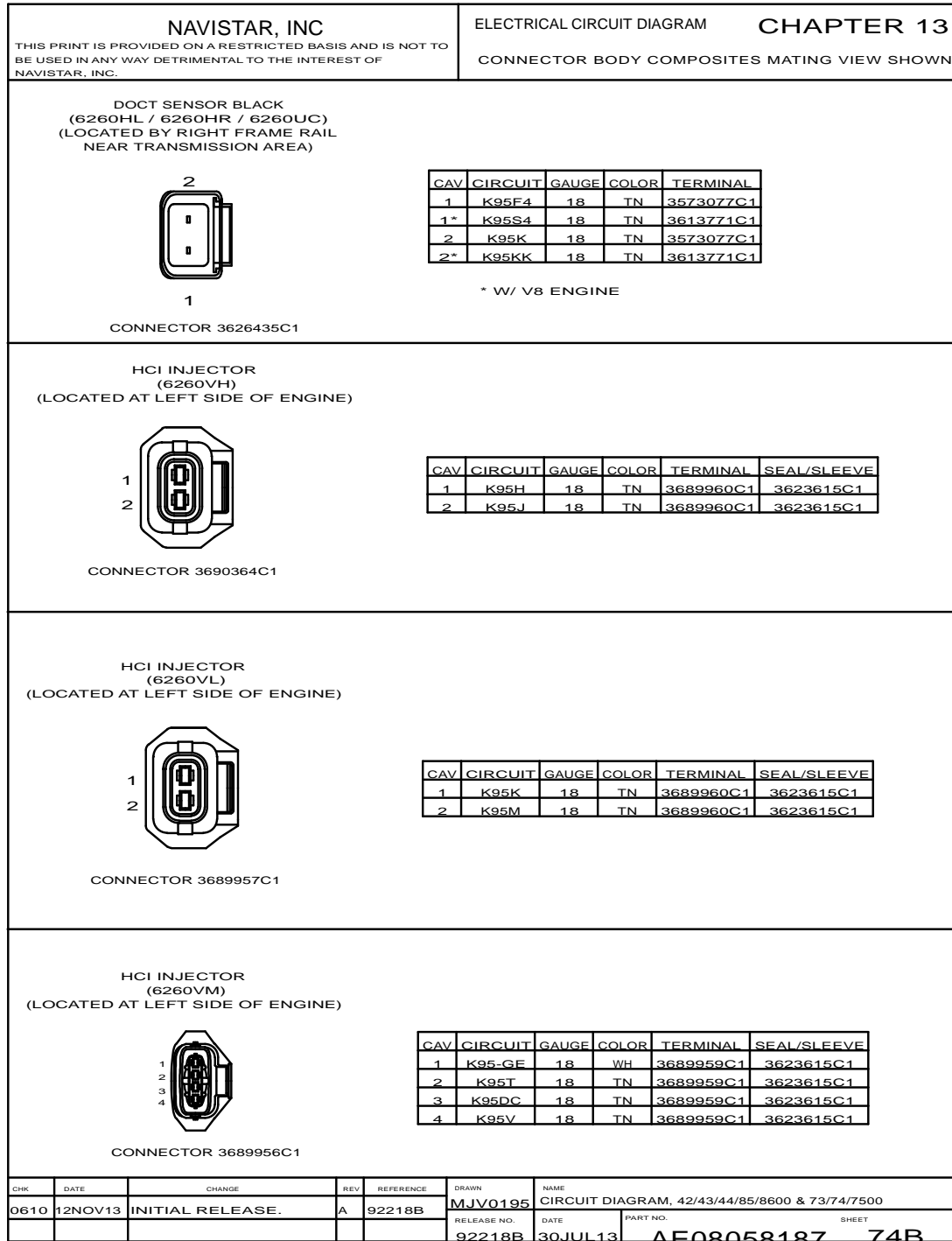


Figure 857 Connector Composites (6260HL), (6260HR), (6260UC), (6260VH), (6260VL), (6260VM)

13.182. CONNECTOR COMPOSITES (6260VN), (6261), (6262), (6263), (6316M), P. 75


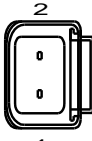

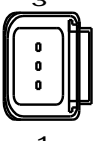

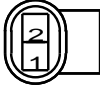
<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>				<b>CHAPTER 13</b>			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN							
EXHAUST LAMBDA SENSOR (6260VN) (LOCATED NEAR ENGINE)						DPF TEMP1 SENSOR LIGHT GREY (6261) (LOCATED BY RIGHT FRAME RAIL NEAR TRANSMISSION AREA)					
											
CONNECTOR 3691136C1						CONNECTOR 3626436C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	K95VA	18	TN	3693147C1	3573653C1	1	K95F3	18	TN	3573077C1	
2	K95VIR	18	WH	3693147C1	3573653C1	1*	K95F3	18	TN	3613771C1	
3	K95VB	18	TN	3693147C1	3573653C1	2	K95J	18	TN	3573077C1	
4	K95VC	18	TN	3693147C1	3573653C1	2*	K95JJ	18	TN	3613771C1	
5	K95VD	18	TN	3693147C1	3573653C1	* W/ V8 ENGINE					
6	K95VE	18	TN	3693147C1	3573653C1						
DPF TEMP1 SENSOR DARK GREY (6262) (LOCATED BY RIGHT FRAME RAIL NEAR TRANSMISSION AREA)						EXHAUST DPF DELTA P (DPFDP) SENSOR (6263) (LOCATED BY RIGHT FRAME RAIL NEAR TRANSMISSION AREA)					
											
CONNECTOR 3626437C1						CONNECTOR 3626438C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	K95F2	18	TN	3573077C1		1	K95F1	18	TN	3573077C1	
1*	K95F2	18	TN	3613771C1		1*	K95F1	18	TN	3613771C1	
2	K95L	18	TN	3573077C1		2	K95H	18	TN	3573077C1	
2*	K95LL	18	TN	3613771C1		2*	K95HH	18	TN	3613771C1	
* W/ V8 ENGINE						* W/ V8 ENGINE					
THERMAL OVERCRANK PROTECTION (6316M) (LOCATED BY STARTER)						STARTER MOTOR OVERCRANK (6316M) (LOCATED BY STARTER)					
											
CONNECTOR 2036583C1						CONNECTOR 3554317C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K17D	16	PK	2036586C1		1	K17L	18	PK	3554322C1	3554318C1
B	K17	16	PK	2036586C1		2	K17K	18	PK	3554322C1	3554318C1
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME					
MJVO	03 OCT 16	REMOVED BODY LOCK	F	93425N	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500					
					RELEASE NO.	DATE	PART NO.	SHEET			
	3662518C1	1 FROM CONNECTOR 2036583C1.			61229V	09 JUN 09	AE08058187	075			

Figure 858 Connector Composites (6260VN), (6261), (6262), (6263), (6316M)

13.183. CONNECTOR COMPOSITES (6323), (6332), (6333), (6334), P. 75A

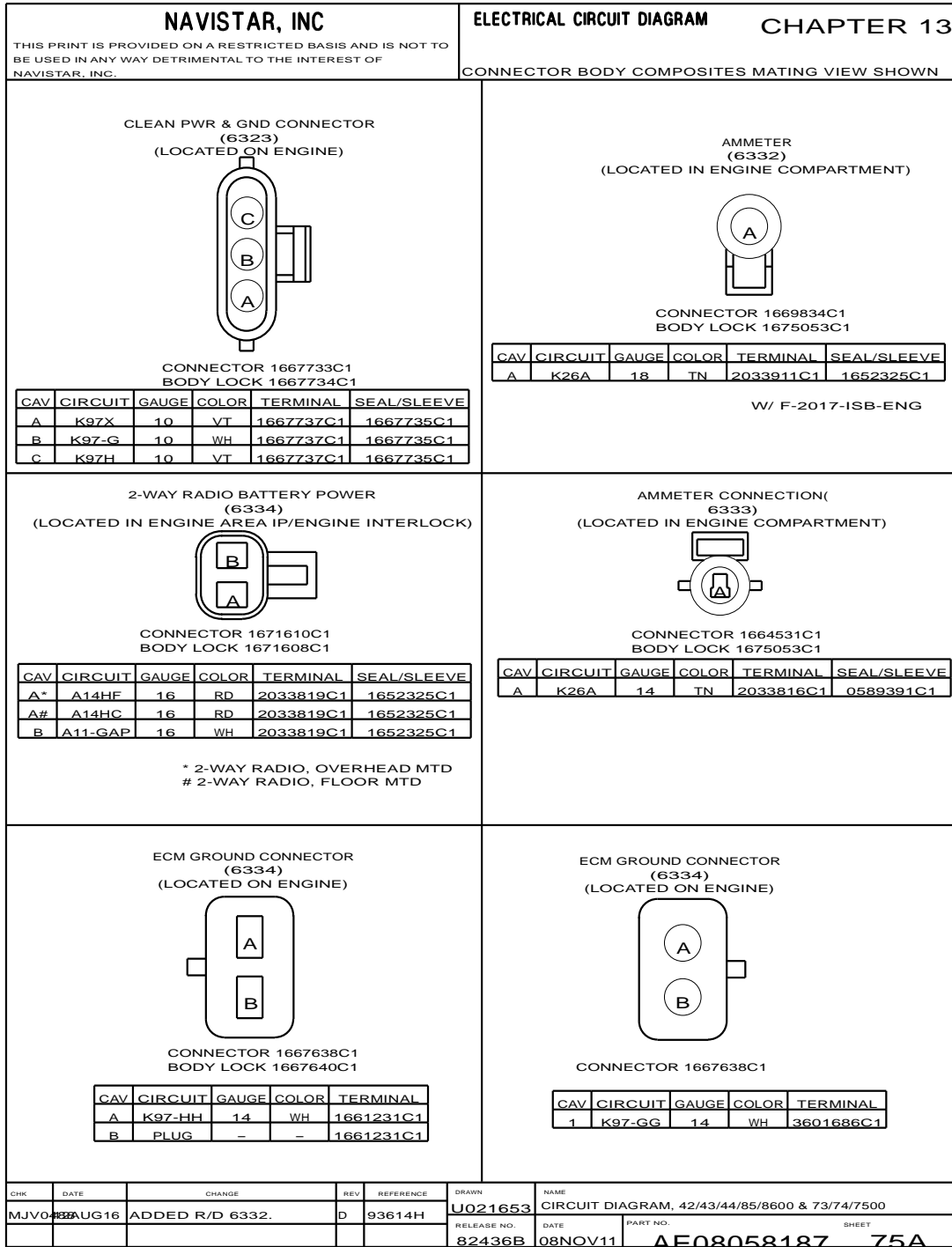


Figure 859 Connector Composites (6323), (6332), (6333), (6334)

13.184. CONNECTOR COMPOSITES (6334), (6340), P. 76

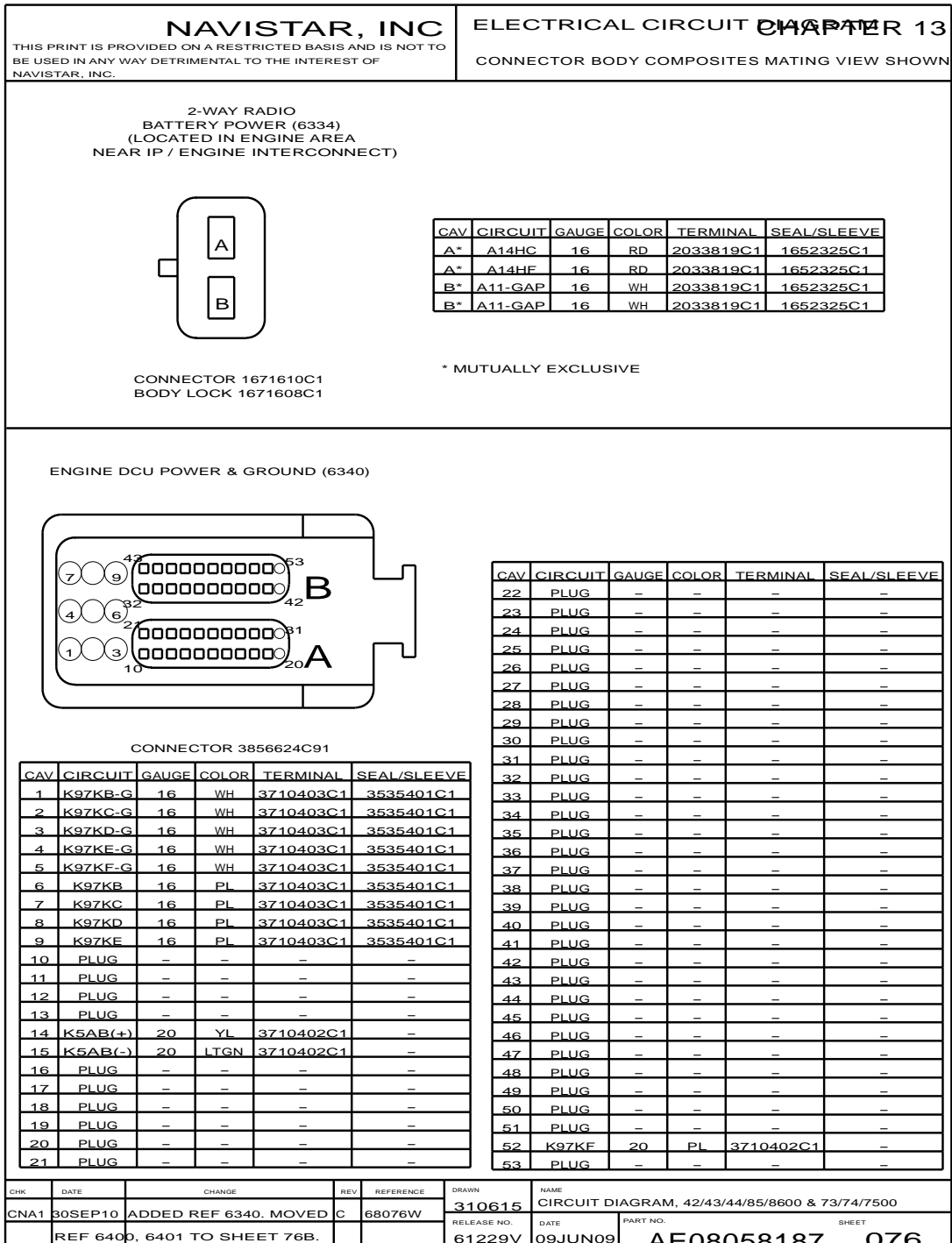


Figure 860 Connector Composites (6334), (6340)

13.185. CONNECTOR COMPOSITES (6341), P. 76A

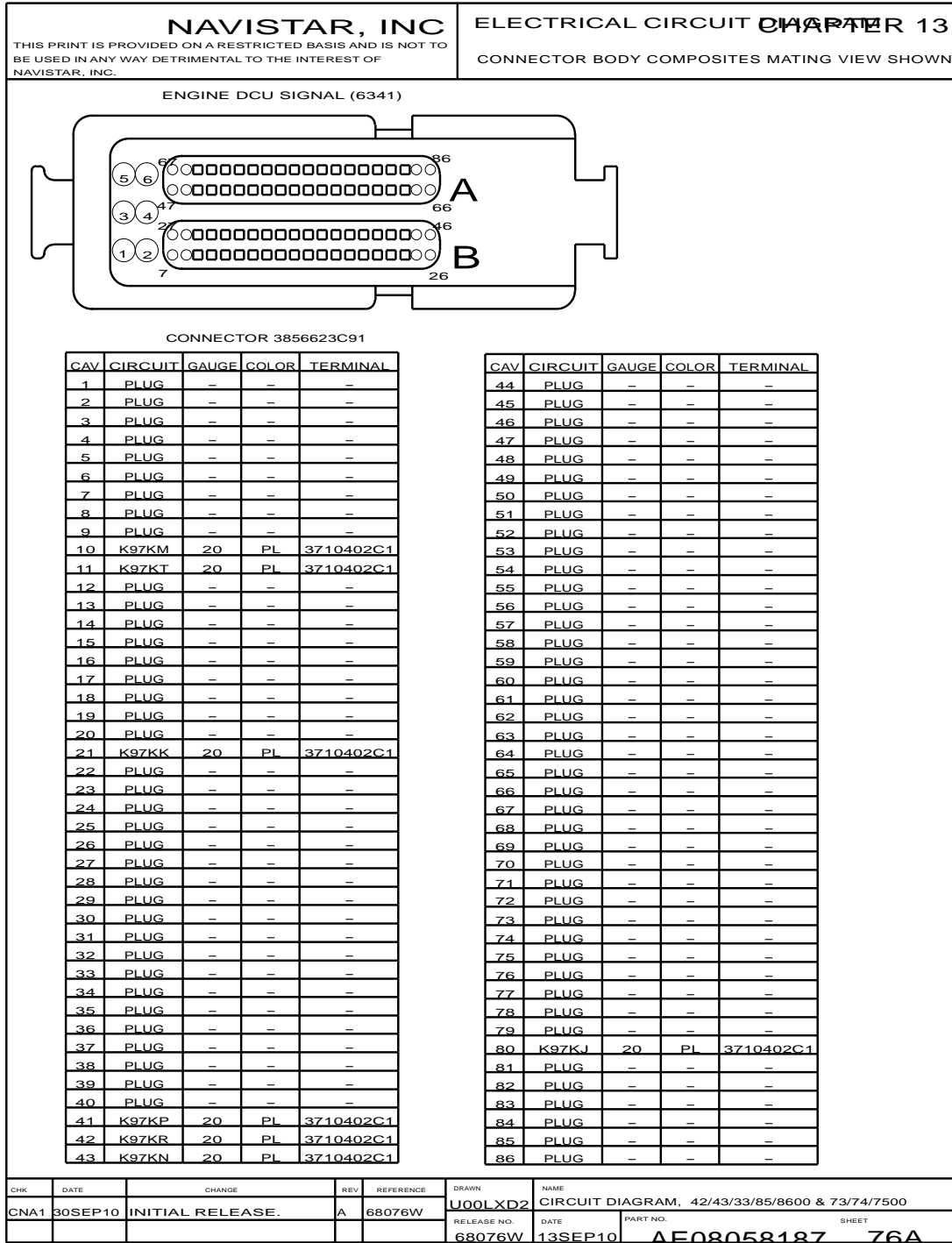


Figure 861 Connector Composites (6341)

13.186. CONNECTOR COMPOSITES (6342), (6343), P. 76B

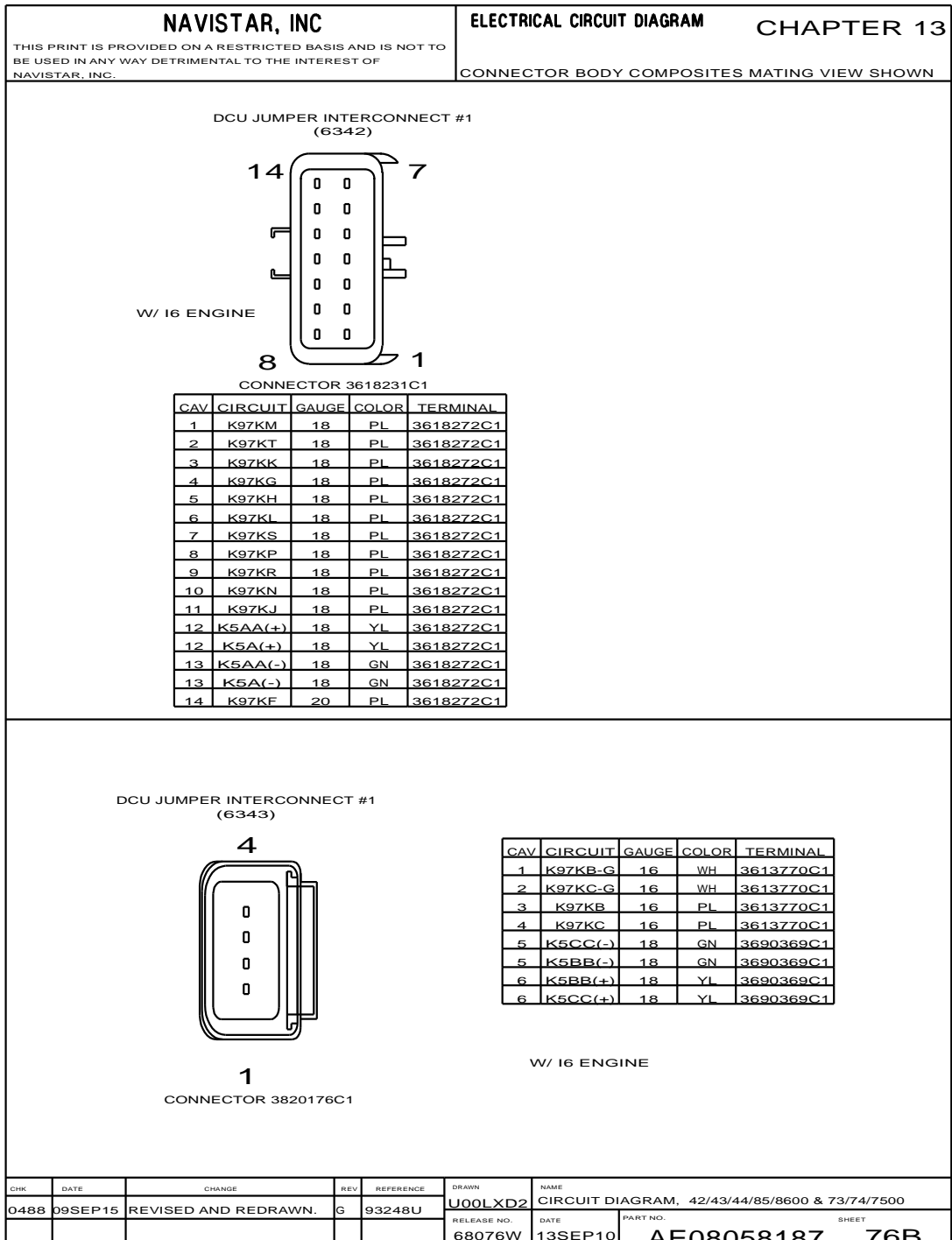


Figure 862 Connector Composites (6342), (6343)



13.187. CONNECTOR COMPOSITES (6400), (6401), (6401A), P. 76C

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																					
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<p>LEFT SURGE TANK W/MD (6400) (LOCATED BY LEFT MOUNTED SURGE TANK)</p> <p>CONNECTOR 3662425C1 BODY LOCK 3662518C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>K34A</td><td>18</td><td>TN</td><td>3554322C1</td><td>3554318C1</td></tr> <tr><td>B</td><td>K34-G</td><td>18</td><td>WH</td><td>3554322C1</td><td>3554318C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K34A	18	TN	3554322C1	3554318C1	B	K34-G	18	WH	3554322C1	3554318C1	<p>COOLANT LEVEL SENSOR (6400) (LOCATED IN COOLANT RESERVOIR)</p> <p>W/ V8 ENGINE CONNECTOR 2036583C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>K34-GG</td><td>18</td><td>WH</td><td>2036586C1</td></tr> <tr><td>B</td><td>K34AA</td><td>18</td><td>TN</td><td>2036586C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K34-GG	18	WH	2036586C1	B	K34AA	18	TN	2036586C1			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																						
A	K34A	18	TN	3554322C1	3554318C1																																						
B	K34-G	18	WH	3554322C1	3554318C1																																						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																							
A	K34-GG	18	WH	2036586C1																																							
B	K34AA	18	TN	2036586C1																																							
<p>LEFT MD SURGE TANK (6400) (LOCATED BY LEFT MOUNTED SURGE TANK)</p> <p>W/ I6 ENGINE CONNECTOR 2036583C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>K34A</td><td>18</td><td>TN</td><td>2036586C1</td></tr> <tr><td>B</td><td>K34-G</td><td>18</td><td>WH</td><td>2036586C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K34A	18	TN	2036586C1	B	K34-G	18	WH	2036586C1	<p>LEFT SURGE TANK (6400) (LOCATED BY LEFT MOUNTED SURGE TANK)</p> <p>W/ I6 ENGINE CONNECTOR 3811181C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>1</td><td>K34C</td><td>18</td><td>TN</td><td>3600050C1</td><td>3665870C1</td></tr> <tr><td>2</td><td>K34D</td><td>18</td><td>TN</td><td>3600050C1</td><td>3665870C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K34C	18	TN	3600050C1	3665870C1	2	K34D	18	TN	3600050C1	3665870C1			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																							
A	K34A	18	TN	2036586C1																																							
B	K34-G	18	WH	2036586C1																																							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																						
1	K34C	18	TN	3600050C1	3665870C1																																						
2	K34D	18	TN	3600050C1	3665870C1																																						
<p>FAN SOLENOID (6400) (LOCATED IN LEFT REAR OF ENGINE)</p> <p>CONNECTOR 3522068C1 BODY LOCK 1661874C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>K23</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>B</td><td>K23-G</td><td>18</td><td>WH</td><td>1661875C1</td><td>3568570C1</td></tr> </tbody> </table> <p style="text-align: center;">W/ IBB ENGINE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K23	18	TN	1661875C1	3568570C1	B	K23-G	18	WH	1661875C1	3568570C1	<p>LEFT SIDE SURGE TANK (6400) (LOCATED NEAR TO DEF PDM)</p> <p>CONNECTOR 3662425C1 BODY LOCK 3662518C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>K34A</td><td>18</td><td>TN</td><td>3554322C1</td><td>3554318C1</td></tr> <tr><td>B</td><td>K34-G</td><td>18</td><td>TN</td><td>3554322C1</td><td>3554318C1</td></tr> </tbody> </table> <p style="text-align: center;">W/ F-2017-ISL-ENG</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K34A	18	TN	3554322C1	3554318C1	B	K34-G	18	TN	3554322C1	3554318C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																						
A	K23	18	TN	1661875C1	3568570C1																																						
B	K23-G	18	WH	1661875C1	3568570C1																																						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																						
A	K34A	18	TN	3554322C1	3554318C1																																						
B	K34-G	18	TN	3554322C1	3554318C1																																						
<p>RIGHT SS SURGE TANK (6401) (LOCATED BY RIGHT MOUNTED SURGE TANK)</p> <p>CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>K34A</td><td>18</td><td>TN</td><td>2033819C1</td><td>3517771C1</td></tr> <tr><td>B</td><td>K34-GB</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K34A	18	TN	2033819C1	3517771C1	B	K34-GB	16	WH	2033819C1	1652325C1	<p>COOLANT LEVEL SENSOR (6401) (LOCATED ON SURGE TANK))</p> <p>W/ DURASTAR CONNECTOR 3554317C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>1</td><td>K34A</td><td>18</td><td>TN</td><td>3554322C1</td><td>3554318C1</td></tr> <tr><td>2</td><td>K34-G</td><td>18</td><td>TN</td><td>3554322C1</td><td>3554318C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K34A	18	TN	3554322C1	3554318C1	2	K34-G	18	TN	3554322C1	3554318C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																						
A	K34A	18	TN	2033819C1	3517771C1																																						
B	K34-GB	16	WH	2033819C1	1652325C1																																						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																						
1	K34A	18	TN	3554322C1	3554318C1																																						
2	K34-G	18	TN	3554322C1	3554318C1																																						
<p>RIGHT SS SURGE TANK (6401A) (LOCATED BY RIGHT MOUNTED SURGE TANK)</p> <p>CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>K34</td><td>16</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>K95A1</td><td>16</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K34	16	TN	2033819C1	1652325C1	B	K95A1	16	TN	2033819C1	1652325C1																						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																						
A	K34	16	TN	2033819C1	1652325C1																																						
B	K95A1	16	TN	2033819C1	1652325C1																																						
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																					
MJVO	23OCT16	REVISED AND REDRAWN.	B	93425N	U00LXD2	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																					
					RELEASE NO.	DATE	PART NO.																																				
					68076W	13SEP10	AE08058187																																				
							SHEET																																				
							76C																																				

Figure 863 Connector Composites (6400), (6401), (6401A)

13.188. CONNECTOR COMPOSITES (6400), (6401), (\*6401), (6401A), P. 76D

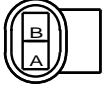
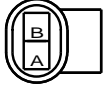
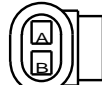
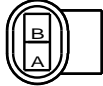
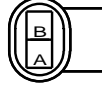

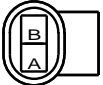
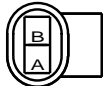
<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>				<b>CHAPTER 13</b>																																							
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CONNECTOR 2036583C1						CONNECTOR 3662425C1 BODY LOCK 3662518C1																																									
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B	K34-G	18	WH	3554322C1	3554318C1																																										
W/ I6 ENGINE						W/I6, I-367 ENGINE																																									
FAN SOLENOID (6400) (LOCATED IN LEFT REAR OF ENGINE)						COOLANT LEVEL SENSOR (6400) (LOCATED IN COOLANT RESERVOIR)																																									
																																															
CONNECTOR 3522068C1 BODY LOCK 1661874C1						CONNECTOR 2036583C1																																									
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B	K23-G	18	WH	1661875C1	3568570C1																																										
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B	K34AA	18	TN	2036586C1																																											
W/ IBB ENGINE						W/ V8 ENGINE																																									
RIGHT SS SURGE TANK (6401) (LOCATED BY RIGHT MOUNTED SURGE TANK)						COOLANT LEVEL SENSOR (6401) (LOCATED IN SURGE TANK)																																									
																																															
CONNECTOR 1671610C1						CONNECTOR 3554317C1																																									
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B	K34-GB	16	WH	2033819C1	1652325C1																																										
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2	K34-G	18	TN	3554322C1	3554318C1																																										
W/ DURASTAR																																															
RIGHT SIDE SURGE TANK/LEFT SIDE SURGE TANK (*6401) (LOCATED IN FRONT SIDE OF ENGINE)						RIGHT SS SURGE TANK (6401A) (LOCATED BY RIGHT MOUNTED SURGE TANK)																																									
																																															
CONNECTOR 3662425C1 BODY LOCK 3662518C1						CONNECTOR 1671610C1																																									
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B	K95A1	16	TN	2033819C1	1652325C1																																										
* W/F-2013-ISL-ENG * W/F-2017-ISB-ENG																																															
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																									
MJV0	19AUG16	ADDED R/D 6401.	B	93614H	MJV0370	CIRCUIT DIAGRAM, 42/43/33/85/8600 & 73/74/7500																																									
					RELEASE NO.	DATE	PART NO.	SHEET																																							
					93248U	19AUG15	AE08058187	76D																																							

Figure 864 Connector Composites (6400), (6401), (\*6401), (6401A)

13.189. CONNECTOR COMPOSITES (6401), (6401 / 6407), (6401M), (6401R), (6406M), (6408), (6420), P. 77

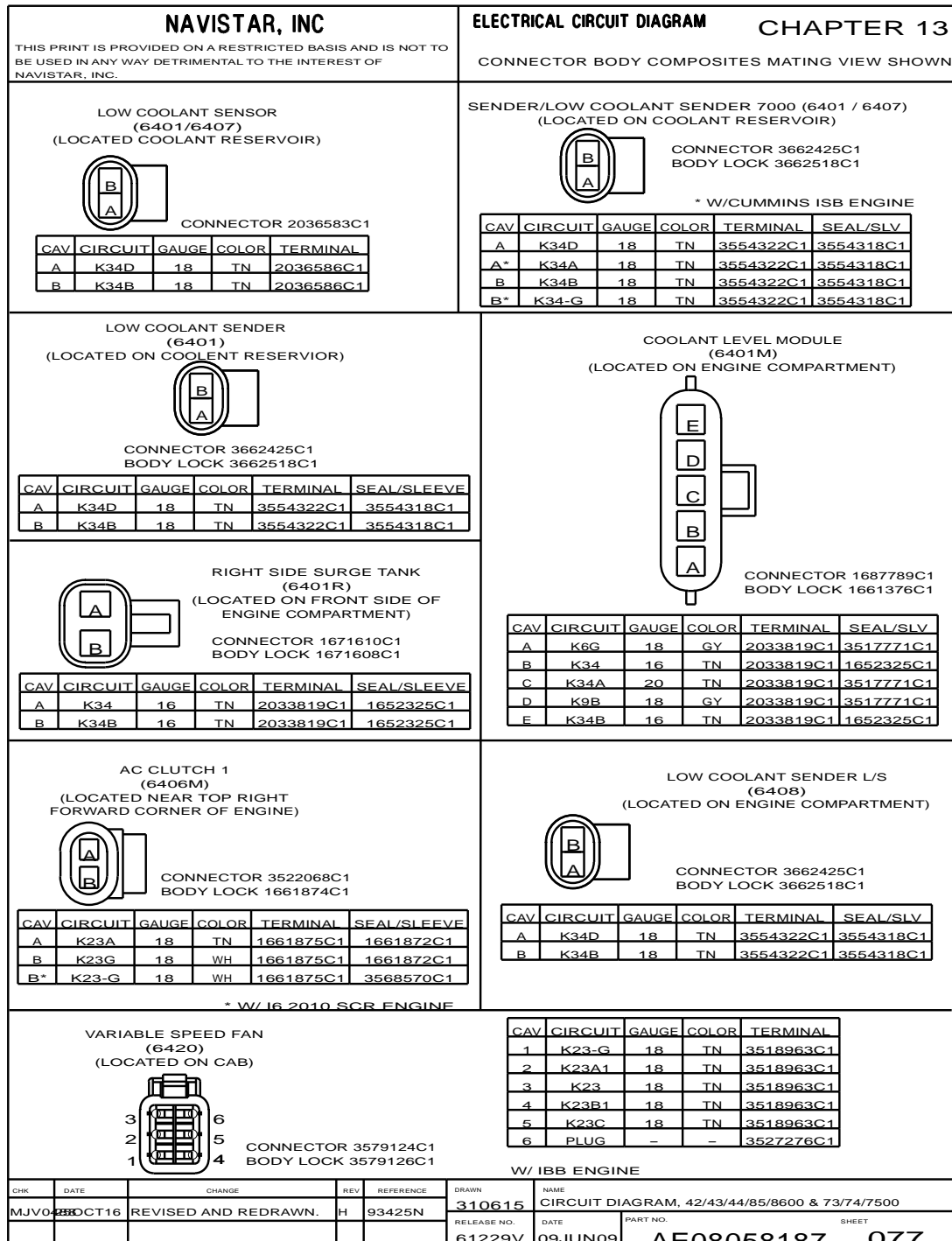


Figure 865 Connector Composites (6401), (6401 / 6407), (6401M), (6401R), (6406M), (6408), (6420)

13.190. CONNECTOR COMPOSITES (6561), (6566), (\*6566), (6567), P. 77A

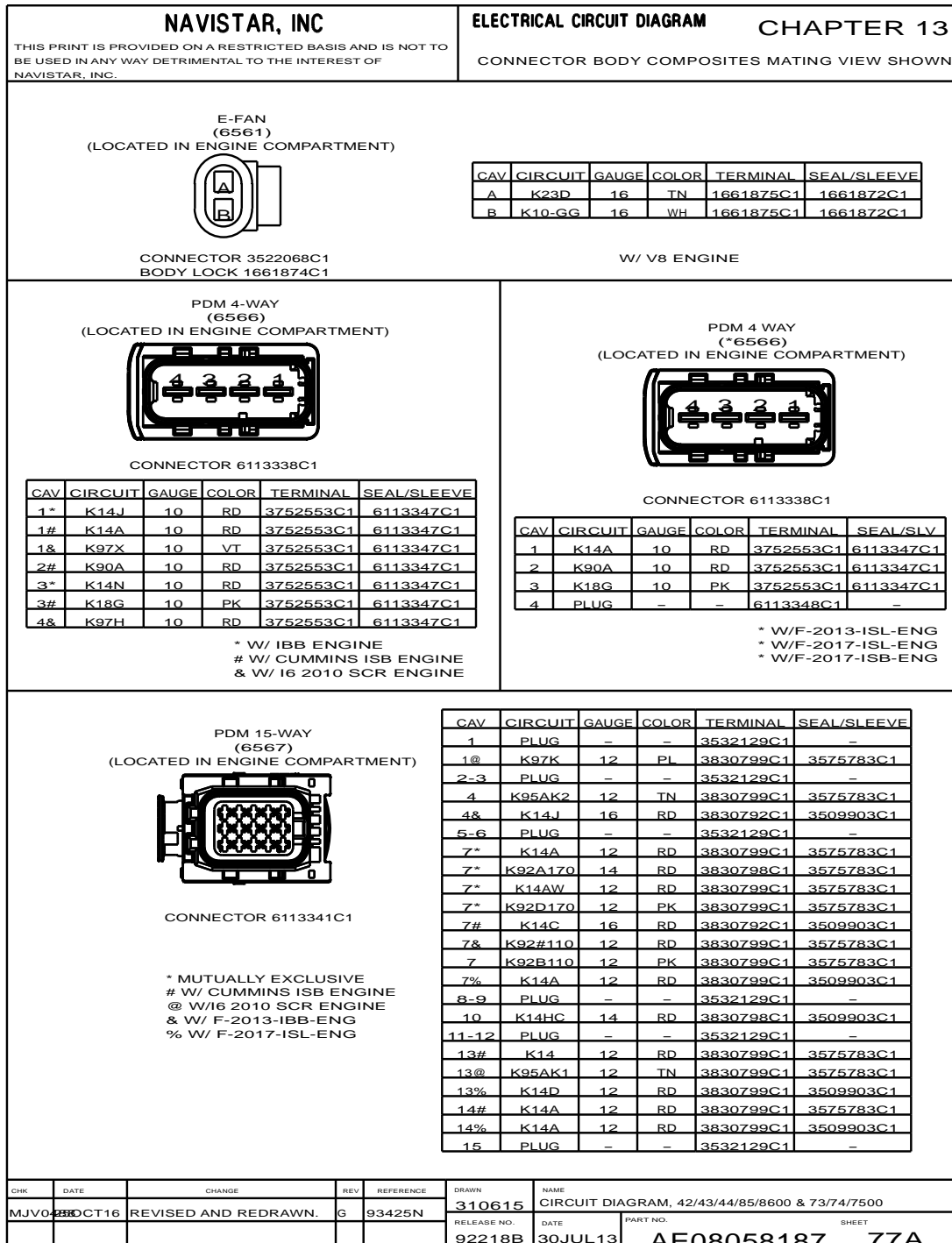


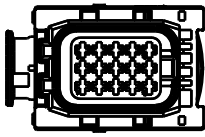
Figure 866 Connector Composites (6561), (6566), (\*6566), (6567)

13.191. CONNECTOR COMPOSITES (6567), (6568), (6569), P. 77B

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 13</b>	
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PDM 15 WAY  
(6567)  
(LOCATED IN ENGINE COMPARTMENT)



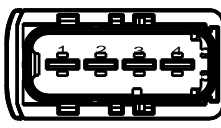
CONNECTOR 6113341C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	PLUG	-	-	3532129C1	-
2	PLUG	-	-	3532129C1	-
3	PLUG	-	-	3532129C1	-
4	K14J	16	RD	3830792C1	3509903C1
5	PLUG	-	-	3532129C1	-
6	PLUG	-	-	3532129C1	-
7	K14AW	12	RD	3830799C1	3575783C1
7*	K14C	16	RD	3830792C1	3509903C1
7@	K14A	12	RD	3830799C1	3575783C1
8	PLUG	-	-	3532129C1	-
9	PLUG	-	-	3532129C1	-
10	K14B	16	RD	3830792C1	3509903C1
11	PLUG	-	-	3532129C1	-
12	PLUG	-	-	3532129C1	-
13	K14A	12	RD	3830799C1	3575783C1
14	K14A	12	RD	3830799C1	3575783C1
15	PLUG	-	-	3532129C1	-

W/ F-2017-ISB-ENG  
\* EATON EPS W/P.T.O, N/PP, W/PUSH BUTTON  
@ ALLISON 1000-2000 TRANSMISSION

PDM 4-WAY  
(6568)  
(LOCATED IN ENGINE COMPARTMENT)

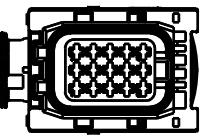


CONNECTOR 6113338C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	K14J	10	RD	3752553C1	6113347C1
2	-	-	-	-	-
3	K14N	10	RD	3752553C1	6113347C1
4	-	-	-	-	-

PDM 15-WAY  
(6569)  
(LOCATED IN ENGINE COMPARTMENT)



CONNECTOR 6113341C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	-	-	-	-	-
3	-	-	-	-	-
4	K95AK1	12	TN	3830799C1	3575783C1
5	-	-	-	-	-
6	-	-	-	-	-
7	K14A	12	RD	3830799C1	3575783C1
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	K95AK2	12	RD	3830799C1	3575783C1
14	-	-	-	-	-
15	-	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJV0	13AUG16	ADDED R/D 6567.	B	93614H	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					92218B	30JUL13
						PART NO.
						AE08058187
						SHEET
						77B

Figure 867 Connector Composites (6567), (6568), (6569)

13.192. CONNECTOR COMPOSITES (6702), (6703), (6703A), (6704), P. 78

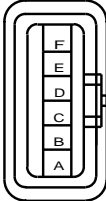
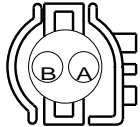
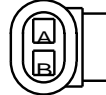
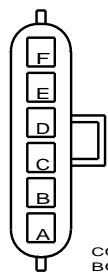
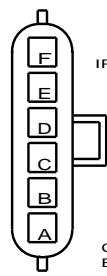
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<p>ZERO VOLT REFERENCE (6702) (LOCATED AT UPPER REAR SIDE OF ENGINE)</p>  <p style="text-align: center;">CONNECTOR 3543729C1 BODY LOCK 3543731C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>K9AA</td><td>16</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>B</td><td>K9AAA</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>C</td><td>K9AAD</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>D</td><td>K9AAB</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>E</td><td>K9AA</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>F</td><td>PLUG</td><td>-</td><td>-</td><td>3535425C1</td><td>-</td></tr> </tbody> </table> <p style="text-align: center;">W/ IBB ENGINE</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K9AA	16	GY	3535303C1	3535424C1	B	K9AAA	18	GY	3535303C1	3535424C1	C	K9AAD	18	GY	3535303C1	3535424C1	D	K9AAB	18	GY	3535303C1	3535424C1	E	K9AA	18	GY	3535303C1	3535424C1	F	PLUG	-	-	3535425C1	-																																																																		
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E	K9AA	18	GY	3535303C1	3535424C1																																																																																																														
F	PLUG	-	-	3535425C1	-																																																																																																														
<p>INTAKE AIR TEMPERATURE (6703) (LOCATED ON AIR FILTER HOUSING)</p>  <p style="text-align: center;">CONNECTOR 1689462C1 BODY LOCK 1689463C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>K41</td><td>16</td><td>TN</td><td>1689464C1</td></tr> <tr><td>B</td><td>K41-GC</td><td>16</td><td>WH</td><td>1689464C1</td></tr> </tbody> </table> <p style="text-align: center;">W/ IBB ENGINE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K41	16	TN	1689464C1	B	K41-GC	16	WH	1689464C1	<p>AIR FILTER RESTRICTION GAUGE (6703A) (LOCATED IN ENGINE COMPARTMENT)</p>  <p style="text-align: center;">CONNECTOR 3522068C1 BODY LOCK 1661874C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>K9AAB</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>K28</td><td>18</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> <p style="text-align: center;">W/ IBB ENGINE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K9AAB	18	GY	1661875C1	1661872C1	B	K28	18	TN	1661875C1	1661872C1																																																																											
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<p>GROUND SPLICE (6704) (LOCATED IN ENGINE COMPARTMENT)</p>  <p style="text-align: center;">CONNECTOR 3551896C1 BODY LOCK 3551897C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>K92B16</td><td>14</td><td>WH</td><td>2033816C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>K92A16</td><td>14</td><td>WH</td><td>2033816C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>K10WH1</td><td>12</td><td>WH</td><td>2033816C1</td><td>0589390C1</td></tr> <tr><td>D</td><td>K77-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>E</td><td>K10WH6</td><td>14</td><td>WH</td><td>2033816C1</td><td>1652325C1</td></tr> <tr><td>F</td><td>K10-GL</td><td>12</td><td>WH</td><td>2033816C1</td><td>0589390C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K92B16	14	WH	2033816C1	1652325C1	B	K92A16	14	WH	2033816C1	1652325C1	C	K10WH1	12	WH	2033816C1	0589390C1	D	K77-G	16	WH	2033819C1	1652325C1	E	K10WH6	14	WH	2033816C1	1652325C1	F	K10-GL	12	WH	2033816C1	0589390C1	<p>CLEAN GROUND (6704) (LOCATED NEAR THE IP/ENGINE INTERCONNECT)</p>  <p style="text-align: center;">CONNECTOR 3551896C1 BODY LOCK 3551897C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr><td>A*</td><td>K10-GG</td><td>10</td><td>WH</td><td>1687847C1</td><td>0589390C1</td></tr> <tr><td>A&amp;</td><td>K10-G1</td><td>10</td><td>WH</td><td>1687847C1</td><td>0589390C1</td></tr> <tr><td>B*</td><td>K10-G2</td><td>18</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B&amp;</td><td>K10-G2</td><td>10</td><td>WH</td><td>1687847C1</td><td>0589390C1</td></tr> <tr><td>C*</td><td>K10-G4</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>C&amp;</td><td>K10-G</td><td>10</td><td>WH</td><td>1687847C1</td><td>0589390C1</td></tr> <tr><td>D</td><td>K92#109</td><td>18</td><td>WH</td><td>2033819C1</td><td>3517771C1</td></tr> <tr><td>E</td><td>K92#169</td><td>18</td><td>WH</td><td>2033819C1</td><td>3517771C1</td></tr> <tr><td>F*</td><td>K26A</td><td>18</td><td>TN</td><td>2033819C1</td><td>3517771C1</td></tr> <tr><td>F&amp;</td><td>K14-G</td><td>12</td><td>WH</td><td>2033819C1</td><td>0589391C1</td></tr> </tbody> </table> <p style="text-align: right; font-size: x-small;">* W/F-2013-ISL-ENG &amp; W/F-2017-ISL-ENG</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	A*	K10-GG	10	WH	1687847C1	0589390C1	A&	K10-G1	10	WH	1687847C1	0589390C1	B*	K10-G2	18	WH	2033819C1	1652325C1	B&	K10-G2	10	WH	1687847C1	0589390C1	C*	K10-G4	16	WH	2033819C1	1652325C1	C&	K10-G	10	WH	1687847C1	0589390C1	D	K92#109	18	WH	2033819C1	3517771C1	E	K92#169	18	WH	2033819C1	3517771C1	F*	K26A	18	TN	2033819C1	3517771C1	F&	K14-G	12	WH	2033819C1	0589391C1
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MJVO	08OCT16	REVISED AND REDRAWN.	E	93425N	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																																																													
RELEASE NO.					DATE	PART NO.	SHEET																																																																																																												
61229V					08JUN09	AE08058187	078																																																																																																												

Figure 868 Connector Composites (6702), (6703), (6703A), (6704)

13.193. CONNECTOR COMPOSITES (6704M), (6704), (6709), (6710), P. 79

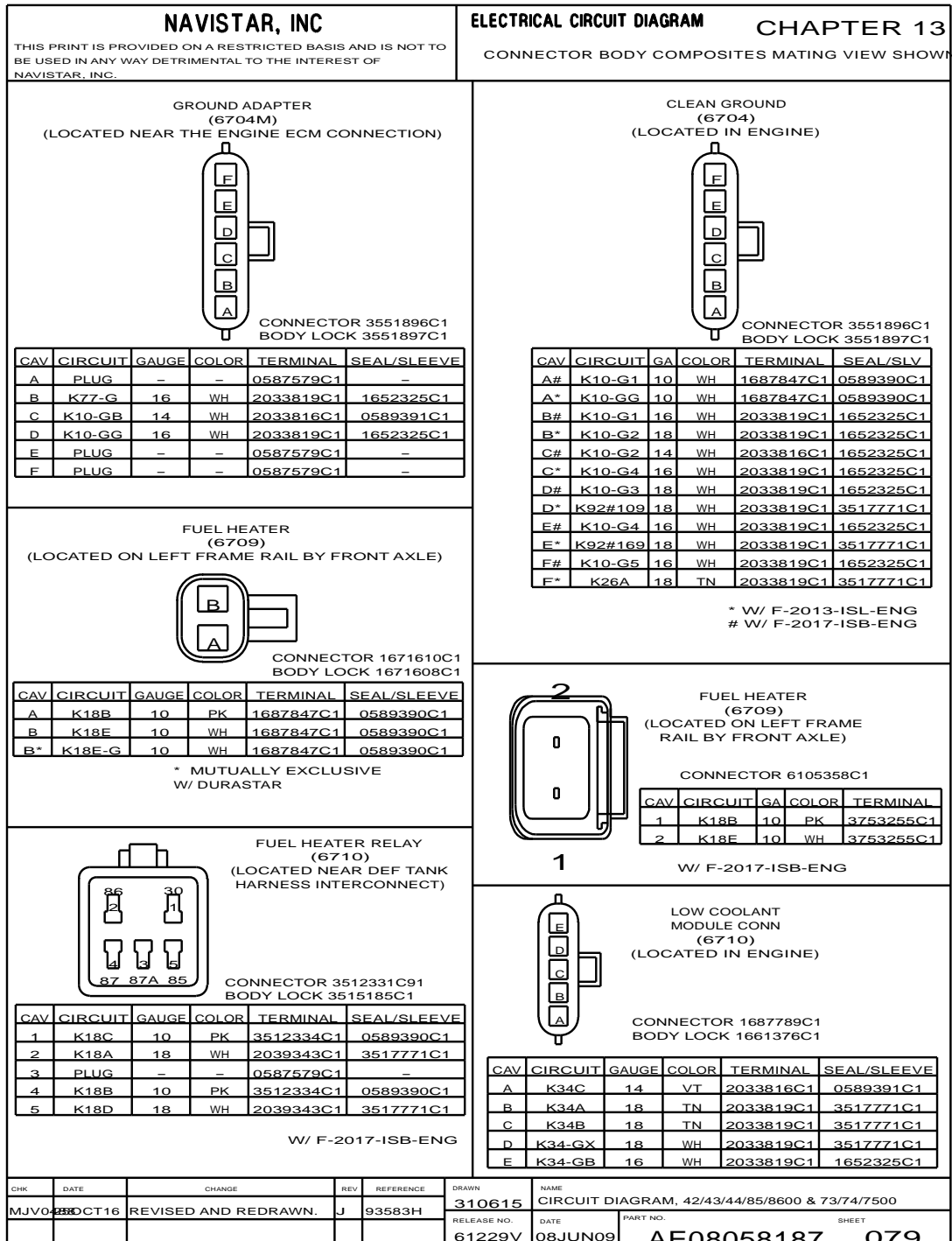


Figure 869 Connector Composites (6704M), (6704), (6709), (6710)

13.194. CONNECTOR COMPOSITES (6712), (6713), (6715), P. 79A

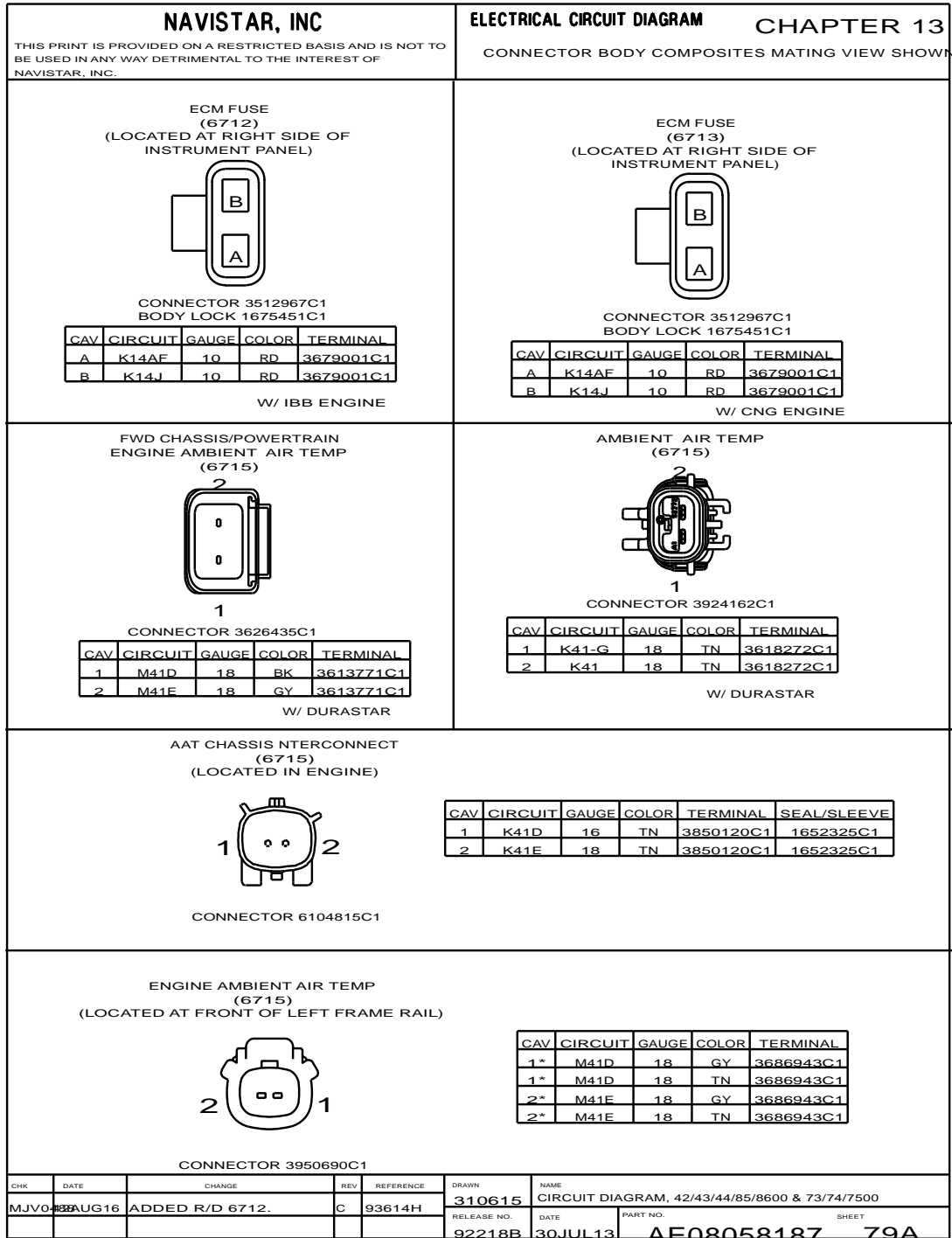


Figure 870 Connector Composites (6712), (6713), (6715)



13.195. CONNECTOR COMPOSITES (6720), (6730), (6747), P. 80

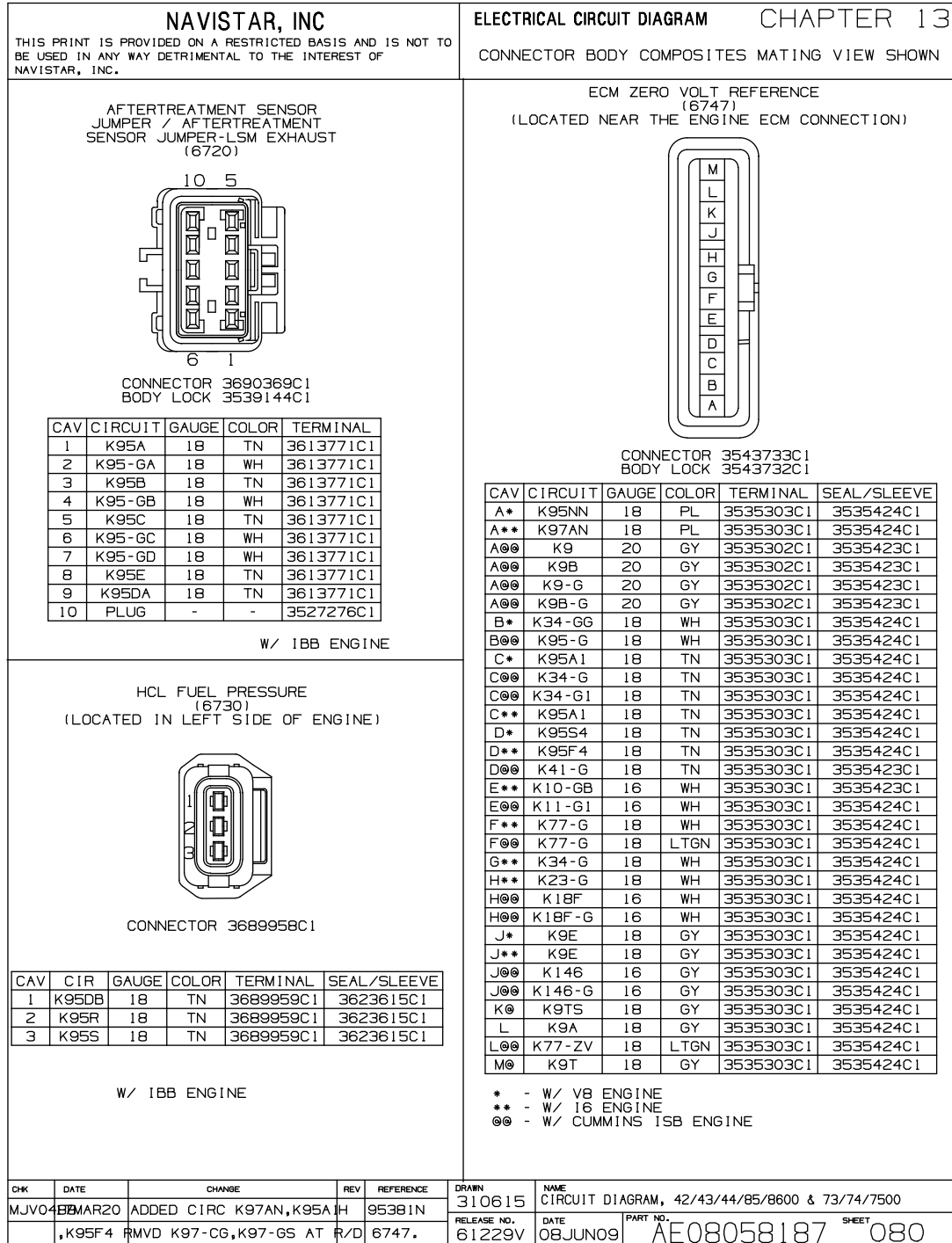


Figure 871 Connector Composites (6720), (6730), (6747)

13.196. CONNECTOR COMPOSITES (6747), (\*6747), (6748), (6800), (6801), P. 80A

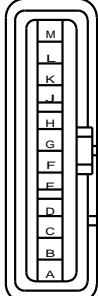

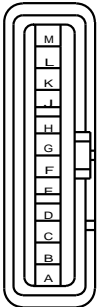
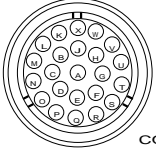
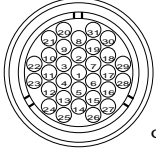
<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>				<b>CHAPTER 13</b>																																																																																																																																																																													
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.								CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																																																																																																																																													
 <p><b>ECM SENSOR RETURN / ZVR (6747)</b> (LOCATED ON ENGINE COMPARTMENT)</p> <p>CONNECTOR 3543733C1 BODY LOCK 3543732C1</p>				 <p><b>EGNR DIAGNOSTIC CONN (6748)</b> (LOCATED IN ENGINE COMPARTMENT)</p> <p>CONNECTOR 3602454C1 BODY LOCK 1655705C1</p>				 <p><b>GROUND SPLICE PACK (*6747)</b> (LOCATED ON ENGINE COMPARTMENT)</p> <p>CONNECTOR 3543733C1 BODY LOCK 3543732C1</p>																																																																																																																																																																													
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W/ F-2017-ISB-ENG * ECM RETURN W/ BODY BUILDER								* W/F-2013-ISL-ENG, W/F-2017-ISL-ENG ** W/ANALOG SENSOR # N/ANALOG SENSOR % W/ENGINE BODY BUILDER W/WORKSTAR & W/ENGINE BODY BUILDER W/DURASTAR																																																																																																																																																																													
 <p><b>ENGINE INTERFACE (6800)</b> (LOCATED IN LEFT SIDE OF ENGINE)</p> <p>CONNECTOR 6099042C1</p>				 <p><b>ENGINE INTERFACE (6801)</b> (LOCATED IN LEFT SIDE OF ENGINE)</p> <p>CONNECTOR 3536883C1</p>																																																																																																																																																																																	
<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>K13A</td><td>18</td><td>PK</td><td>3572625C1</td></tr> <tr><td>B-E</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>F</td><td>K95B</td><td>18</td><td>TN</td><td>3572625C1</td></tr> <tr><td>G</td><td>K97C</td><td>18</td><td>PL</td><td>3572625C1</td></tr> <tr><td>H</td><td>K95-GC</td><td>18</td><td>WH</td><td>3572625C1</td></tr> <tr><td>J</td><td>K97B</td><td>18</td><td>PL</td><td>3572625C1</td></tr> <tr><td>K</td><td>K99D-B</td><td>18</td><td>PL</td><td>3572625C1</td></tr> <tr><td>L</td><td>K97N</td><td>18</td><td>PL</td><td>3572625C1</td></tr> <tr><td>M</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>N</td><td>K23</td><td>18</td><td>TN</td><td>3572625C1</td></tr> <tr><td>P</td><td>K23-G</td><td>16</td><td>WH</td><td>3572625C1</td></tr> <tr><td>Q</td><td>K34E</td><td>16</td><td>TN</td><td>3572625C1</td></tr> <tr><td>R</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>S</td><td>K95C</td><td>18</td><td>TN</td><td>3572625C1</td></tr> <tr><td>T-V</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>W</td><td>K97M</td><td>18</td><td>PL</td><td>3572625C1</td></tr> <tr><td>X</td><td>K99B</td><td>18</td><td>PL</td><td>3572625C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K13A	18	PK	3572625C1	B-E	PLUG	-	-	0453133C1	F	K95B	18	TN	3572625C1	G	K97C	18	PL	3572625C1	H	K95-GC	18	WH	3572625C1	J	K97B	18	PL	3572625C1	K	K99D-B	18	PL	3572625C1	L	K97N	18	PL	3572625C1	M	PLUG	-	-	0453133C1	N	K23	18	TN	3572625C1	P	K23-G	16	WH	3572625C1	Q	K34E	16	TN	3572625C1	R	PLUG	-	-	0453133C1	S	K95C	18	TN	3572625C1	T-V	PLUG	-	-	0453133C1	W	K97M	18	PL	3572625C1	X	K99B	18	PL	3572625C1	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1-3</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>4</td><td>K97P</td><td>18</td><td>PL</td><td>3572625C1</td></tr> <tr><td>5-13</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>14</td><td>K95A</td><td>18</td><td>TN</td><td>3572625C1</td></tr> <tr><td>15-19</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>20</td><td>K95D</td><td>18</td><td>TN</td><td>3572625C1</td></tr> <tr><td>21-26</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>27</td><td>K13AE</td><td>16</td><td>PK</td><td>3572625C1</td></tr> <tr><td>28-29</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>30</td><td>K13AG</td><td>16</td><td>PK</td><td>3572625C1</td></tr> <tr><td>31</td><td>K13AE</td><td>18</td><td>PK</td><td>3572625C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1-3	PLUG	-	-	0453133C1	4	K97P	18	PL	3572625C1	5-13	PLUG	-	-	0453133C1	14	K95A	18	TN	3572625C1	15-19	PLUG	-	-	0453133C1	20	K95D	18	TN	3572625C1	21-26	PLUG	-	-	0453133C1	27	K13AE	16	PK	3572625C1	28-29	PLUG	-	-	0453133C1	30	K13AG	16	PK	3572625C1	31	K13AE	18	PK	3572625C1																								
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					86976G	05FEB13	AE08058187	80A																																																																																																																																																																													

Figure 872 Connector Composites (6747), (\*6747), (6748), (6800), (6801)

13.197. CONNECTOR COMPOSITES (6802), (6803), (6804), (6805), (6811), (6812), (6900), P. 80B

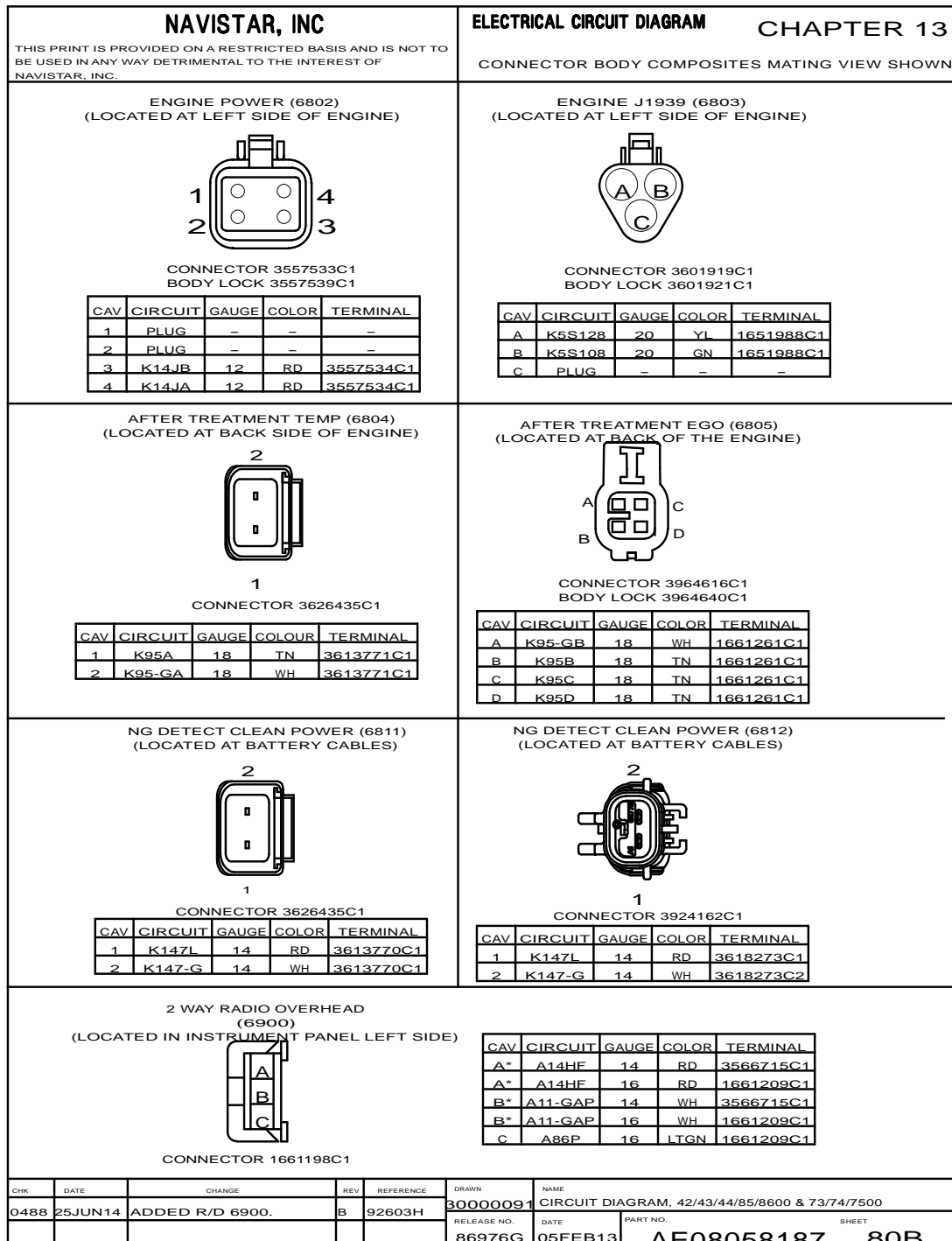


Figure 873 Connector Composites (6802), (6803), (6804), (6805), (6811), (6812), (6900)

13.198. CONNECTOR COMPOSITES (6901), (6925), (6969), (7070), P. 81

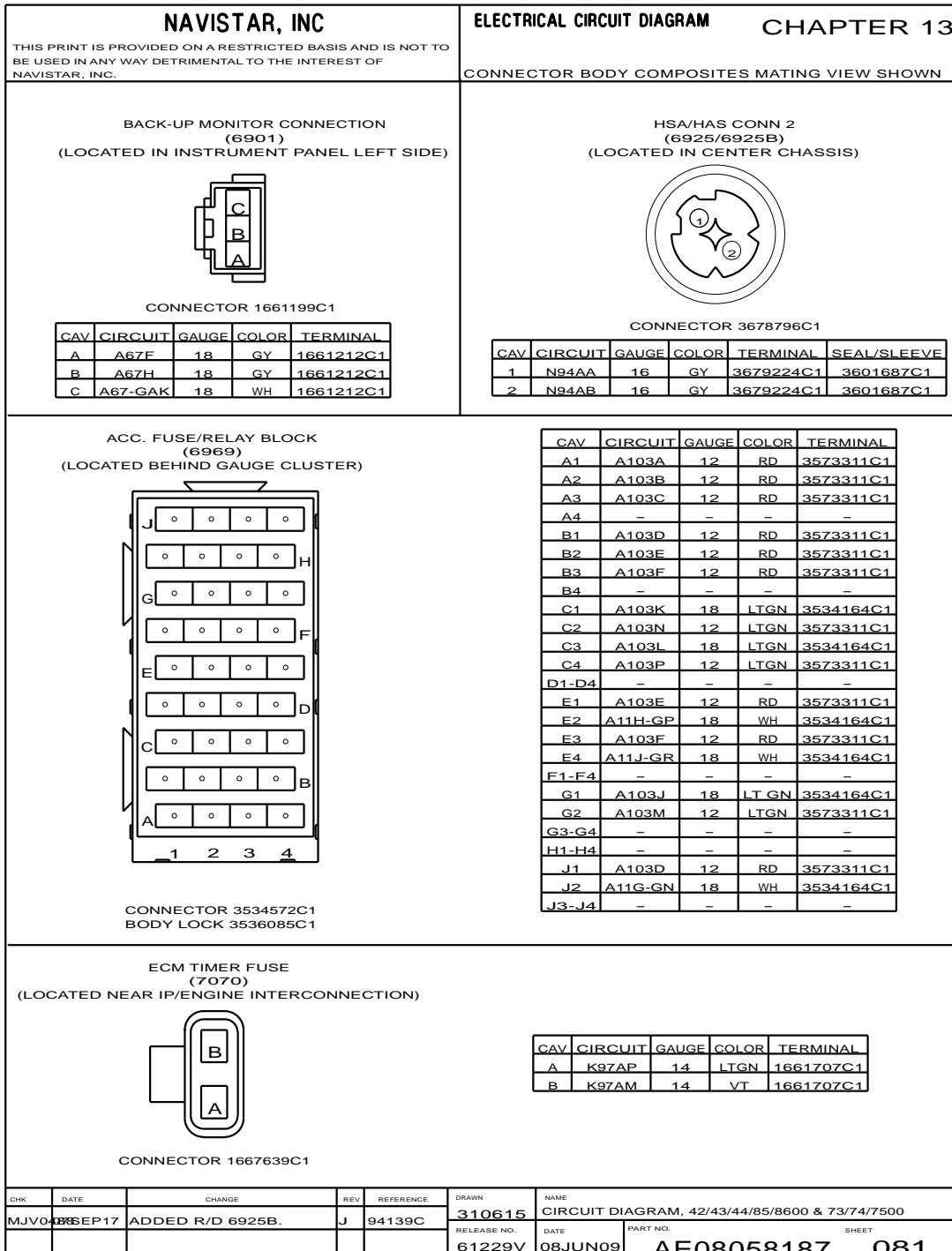


Figure 874 Connector Composites (6901), (6925), (6969), (7070)

13.199. CONNECTOR COMPOSITES (\*7103M), (7103M), P. 81A



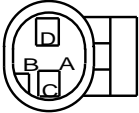
<b>NAVISTAR, INC</b>		<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 13</b>																															
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<p><b>TWO SPEED AXLE BOOT CONNECTOR</b> (*7103M) (LOCATED NEAR TRANSMISSION SHIFT TOWER)</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>CONNECTOR 1661198C1</p> </div> <div style="text-align: center;"> <table border="1" style="border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K93</td> <td>18</td> <td>-</td> <td>1661208C1</td> </tr> <tr> <td>B</td> <td>-</td> <td>-</td> <td>TN</td> <td>-</td> </tr> <tr> <td>C</td> <td>K9TS</td> <td>18</td> <td>GY</td> <td>1661208C1</td> </tr> </tbody> </table> <p style="font-size: x-small;">* W/ F-2013-ISL-ENG * W/ F-2017-ISB-ENG * W/ F-2017-ISL-ENG</p> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K93	18	-	1661208C1	B	-	-	TN	-	C	K9TS	18	GY	1661208C1										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																															
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																															
A	L93	18	TN	1661208C1																															
B	-	-	-	-																															
C	L93G	18	TN	1661208C1																															
<p><b>2-AXLE SPEED SWITCH CONNECTOR</b> (7103M) (LOCATED NEAR TRANSMISSION SHIFT TOWER)</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>CONNECTOR 1661777C1 BODY LOCK 1661873C1</p> </div> <div style="text-align: center;"> <table border="1" style="border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>2025431C1</td> <td>N/A</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>2025431C1</td> <td>N/A</td> </tr> <tr> <td>C*</td> <td>K93A</td> <td>20</td> <td>LTBL</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>D*</td> <td>K9EA</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table> <p style="font-size: x-small;">*W/I6 ENGINE</p> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	PLUG	-	-	2025431C1	N/A	B	PLUG	-	-	2025431C1	N/A	C*	K93A	20	LTBL	1661875C1	3568570C1	D*	K9EA	18	TN	1661875C1	3568570C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																														
A	PLUG	-	-	2025431C1	N/A																														
B	PLUG	-	-	2025431C1	N/A																														
C*	K93A	20	LTBL	1661875C1	3568570C1																														
D*	K9EA	18	TN	1661875C1	3568570C1																														
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																													
MJVO	23 OCT 16	REVISED AND REDRAWN.	D	93425N	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																													
					RELEASE NO.	DATE																													
					92218B	30 JUL 13																													
					PART NO.	SHEET																													
					AE08058187	81A																													

Figure 875 Connector Composites (\*7103M), (7103M)

13.200. CONNECTOR COMPOSITES (7104B), (7104F), (7105), P. 82

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>				<b>CHAPTER 13</b>			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN							
TRANSMISSION CLEAN GROUND (7104F) (LOCATED BY STARTER)						TRANSMISSION CLEAN GROUND (7104B) (LOCATED BY STARTER)					
CONNECTOR 3924162C1 (W/ IBB ENGINE)						CONNECTOR 3924162C1 (W/2010 SCR 13L ENGINE)					
<b>CAV</b>	<b>CIRCUIT</b>	<b>GAUGE</b>	<b>COLOR</b>	<b>TERMINAL</b>							
1	PLUG	-	-	3573076C1							
2	K92-G	14	WH	3618273C1							
						* W/ ALLISON TC10 TRANSMISSION					
TRANSMISSION CLEAN POWER(7104F) FOR XMSN ALLISON MD (WTEC) (LOCATED BY STARTER)											
CONNECTOR 1671611C1 BODY LOCK 1671608C1											
(W/ IBB ENGINE)											
<b>CAV</b>	<b>CIRCUIT</b>	<b>GAUGE</b>	<b>COLOR</b>	<b>TERMINAL</b>	<b>SEAL/SLEEVE</b>						
A	K92A170	14	RD	2033912C1	0589391C1						
B	K92-G	14	WH	2033912C1	0589391C1						
EATON GEN 3 TCM CONNECTOR (7105) (LOCATED ON LEFT SIDE OF TRANSMISSION)											
CONNECTOR 3599542C1											
<b>CAV</b>	<b>CIRCUIT</b>	<b>GAUGE</b>	<b>COLOR</b>	<b>TERMINAL</b>							
1	PLUG	-	-	3527276C1							
2	K5V(-)	18	GN	3555249C1							
3	K5V(+)	18	YL	3555249C1							
4	K17-GC	18	PK	3555249C1							
5	PLUG	-	-	3527276C1							
6	PLUG	-	-	3527276C1							
7	PLUG	-	-	3527276C1							
8	PLUG	-	-	3527276C1							
9	PLUG	-	-	3527276C1							
10	K3BA(+)	18	DKBL	3555249C1							
11	K3BA(-)	18	GY	3555249C1							
12	PLUG	-	-	3527276C1							
<b>CAV</b>	<b>CIRCUIT</b>	<b>GAUGE</b>	<b>COLOR</b>	<b>TERMINAL</b>							
13	PLUG	-	-	3527276C1							
14	PLUG	-	-	3527276C1							
15	PLUG	-	-	3527276C1							
16	K92A	18	TN	3555249C1							
17	K92B	18	TN	3555249C1							
18	K92DP	18	TN	3555249C1							
19	K92DL	16	TN	3555249C1							
20	K92E	16	TN	3555249C1							
21	K92F	18	TN	3555249C1							
22	K92H	18	TN	3555249C1							
23	PLUG	-	-	3527276C1							
24	K92	18	TN	3518963C1							
25	K92J	18	TN	3555249C1							
26	K17C	16	PK	3555249C1							
27	K98GN		GN	3555249C1							
28	K98YL	18	YL	3555249C1							
29	PLUG	-	-	3527276C1							
30	PLUG	-	-	3527276C1							
31	K92ER	18	TN	3555249C1							
32	K17B	18	PK	3555249C1							
33	K92DM	16	TN	3555249C1							
34	K92DR	18	TN	3555249C1							
35	K13A	14	PK	3557534C1							
36	K10-GE	12	WH	3557534C1							
37	PLUG	-	-	3527276C1							
38	K14A	12	RD	3557534C1							
<b>CHK</b>	<b>DATE</b>	<b>CHANGE</b>	<b>REV</b>	<b>REFERENCE</b>	<b>DRAWN</b>	<b>NAME</b>					
0488	09SEP15	ADDED TERMINAL	F	93248U	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500					
	3573076C1	IN R/D 7104F.			RELEASE NO.	DATE	PART NO.	SHEET			
					61229V	08 JUN 09	AE08058187	082			

Figure 876 Connector Composites (7104B), (7104F), (7105)

13.201. CONNECTOR COMPOSITES (7105), (7106), (7107), P. 82A

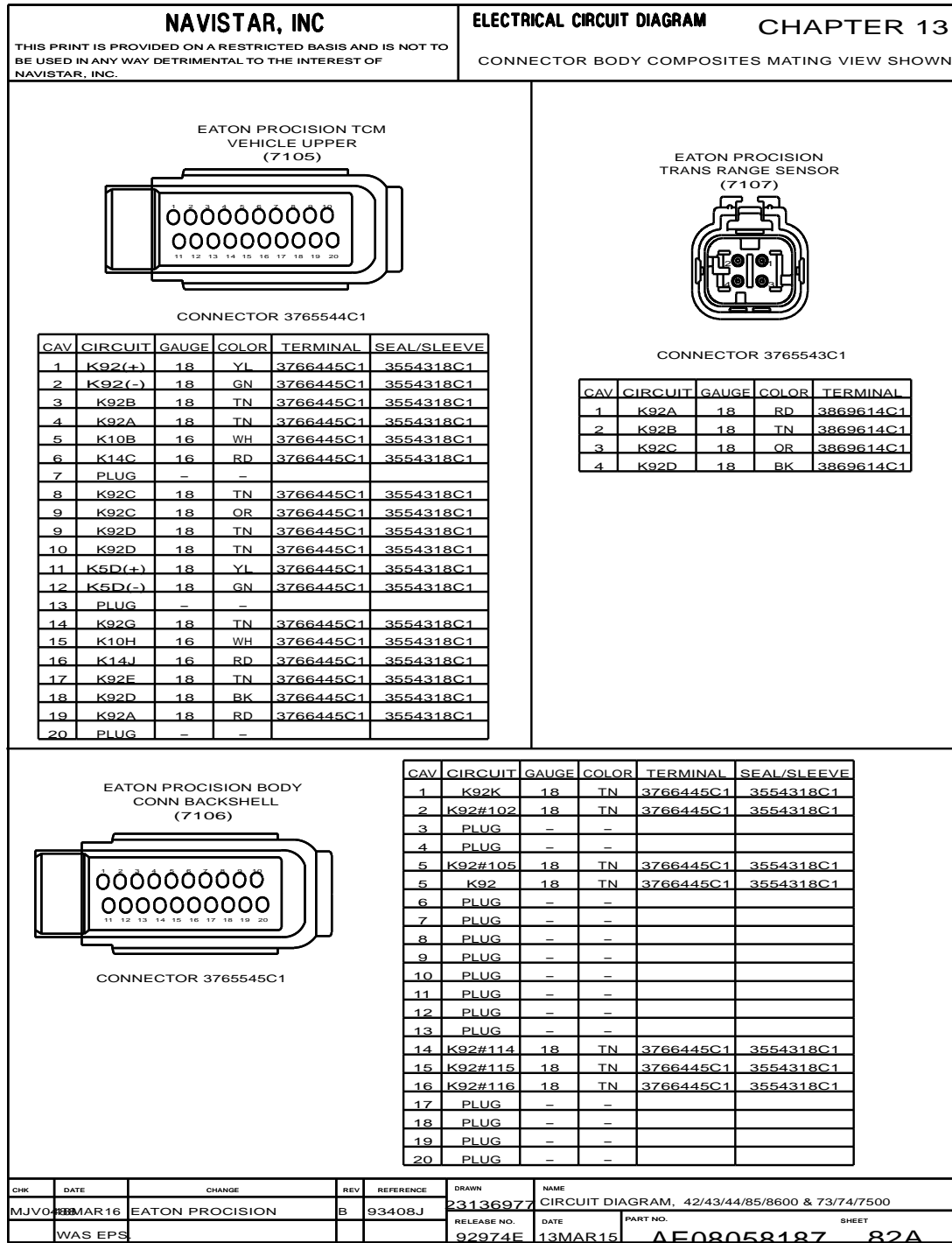


Figure 877 Connector Composites (7105), (7106), (7107)

13.202. CONNECTOR COMPOSITES (7110 / 7110A), (7110B), (7111), (7112), (\*7112), (7113), P. 83

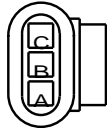

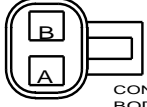




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<p>J1939 RESISTOR (7110 / 7110A) (LOCATED ON LEFT SIDE OF TRANSMISSION)</p>  <p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A&amp;</td><td>K5C128</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td> </tr> <tr> <td>A#*</td><td>K5TB(+)</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td> </tr> <tr> <td>B</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>-</td> </tr> <tr> <td>C&amp;</td><td>K5C108</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td> </tr> <tr> <td>C</td><td>K5TB(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td> </tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">&amp; W/ ALLISON GEN5 XMSN #* W/ IBB ENGINE</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A&	K5C128	18	YL	1661875C1	3568570C1	A#*	K5TB(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	C&	K5C108	18	GN	1661875C1	3568570C1	C	K5TB(-)	18	GN	1661875C1	3568570C1									
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2	K95-G	18	WH	3572625C1																																																				
<p>POWERTRAIN/CTR CHASSIS WIF CONNECTION (7112) (LOCATED NEAR TO DASH HARNESS INTERCONNECT)</p>  <p>CONNECTOR 3539778C1 BODY LOCK 3539785C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td><td>N95A</td><td>18</td><td>TN</td><td>1651987C1</td> </tr> <tr> <td>1*</td><td>N95</td><td>18</td><td>TN</td><td>1651968C1</td> </tr> <tr> <td>2</td><td>N95-GA</td><td>18</td><td>WH</td><td>1651987C1</td> </tr> <tr> <td>2*</td><td>N95-G</td><td>18</td><td>WH</td><td>1651968C1</td> </tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">* W/F-2013-ISL-ENG</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	N95A	18	TN	1651987C1	1*	N95	18	TN	1651968C1	2	N95-GA	18	WH	1651987C1	2*	N95-G	18	WH	1651968C1	<p>REMOTE WIF (7112) (LOCATED NEAR TO PDM CONNECTOR)</p>  <p>CONNECTOR 3854645C91 BODY LOCK 3711019C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td><td>K95A</td><td>18</td><td>TN</td><td>3572625C1</td> </tr> <tr> <td>2</td><td>K95-G</td><td>18</td><td>WH</td><td>1651988C1</td> </tr> <tr> <td>2*</td><td>K95-G</td><td>18</td><td>WH</td><td>3572625C1</td> </tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">* W/FUEL HEATER EFFECTS-REMOTE</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95A	18	TN	3572625C1	2	K95-G	18	WH	1651988C1	2*	K95-G	18	WH	3572625C1
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<p>DAVCO WIF SENSOR (7113) (LOCATED IN LEFT SIDE OF FUEL TANK)</p>  <p>CONNECTOR 3590390C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td><td>N95A</td><td>18</td><td>TN</td><td>3561584C1</td><td>3536868C1</td> </tr> <tr> <td>2</td><td>N95-GA</td><td>18</td><td>WH</td><td>3561584C1</td><td>3536868C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	N95A	18	TN	3561584C1	3536868C1	2	N95-GA	18	WH	3561584C1	3536868C1																																			
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MJVO	2016 OCT 16	ADDED SYNONYM	J	93425N	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																		
F-2017-	SL-ENG IN R/D 7112.				RELEASE NO.	DATE	PART NO.	SHEET																																																
					61229V	08 JUN 09	AE08058187	083																																																

Figure 878 Connector Composites (7110 / 7110A), (7110B), (7111), (7112), (\*7112), (7113)



13.203. CONNECTOR COMPOSITES (7113), (7113A / 7113C / 7113E / 7113F / 7113G), (7113A / 7113B / 7113D / 7113E / 7113F), P. 83A

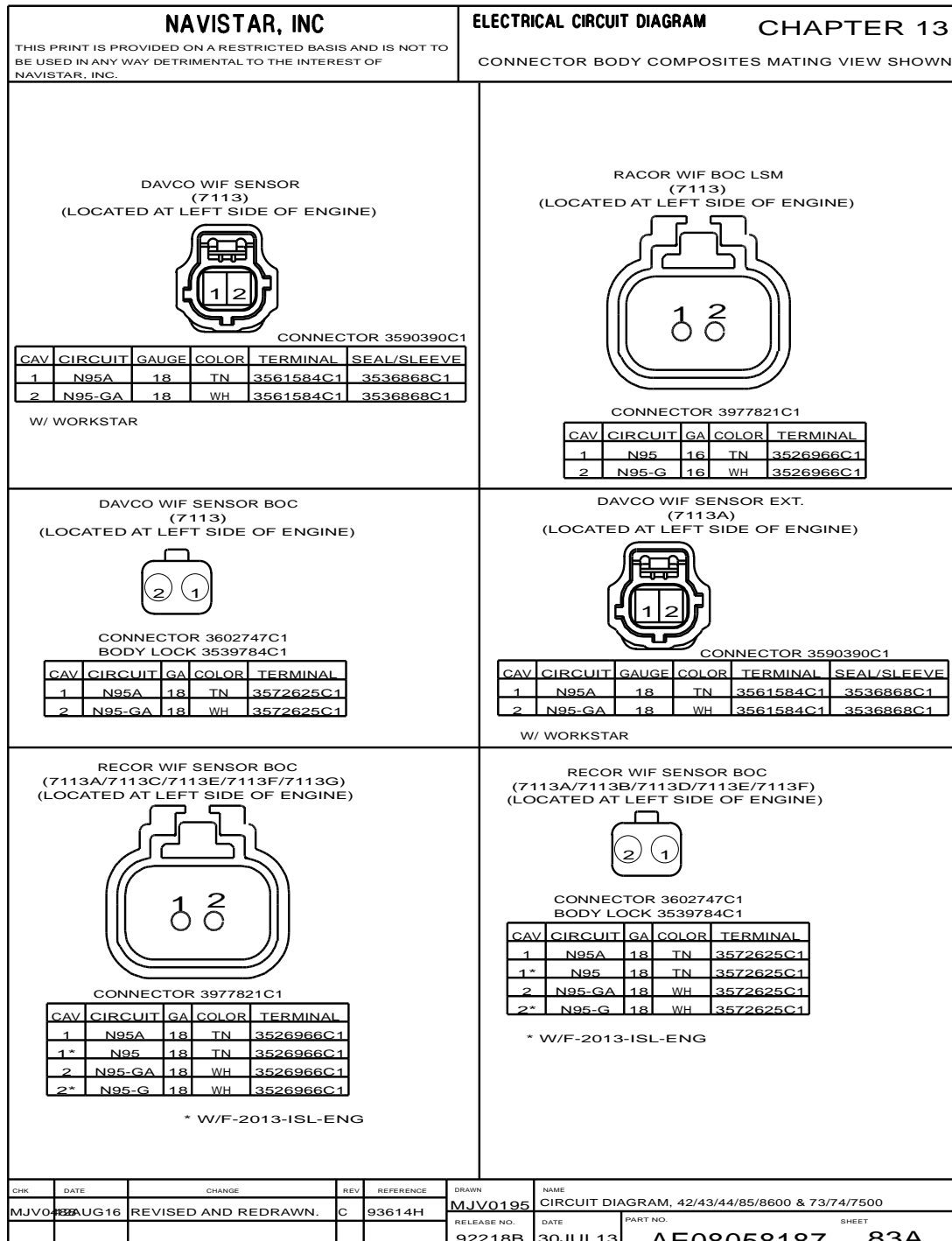
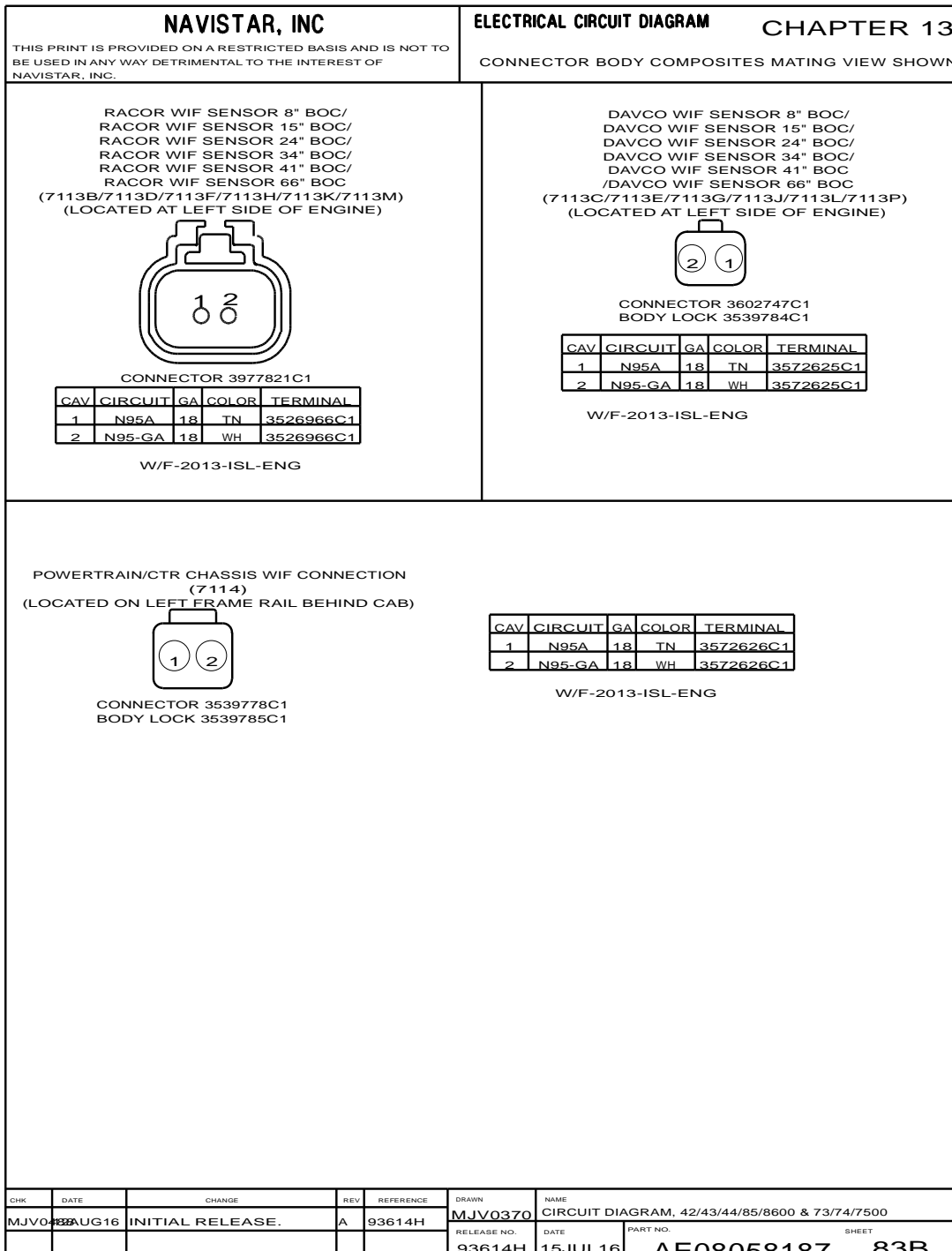


Figure 879 Connector Composites (7113), (7113A / 7113C / 7113E / 7113F / 7113G), (7113A / 7113B / 7113D / 7113E / 7113F)

**13.204. CONNECTOR COMPOSITES (7113B / 7113D / 7113F / 7113H / 7113K / 7113M), (7113C / 7113E / 7113G / 7113J / 7113L / 7113P), (7114), P. 83B**



**Figure 880 Connector Composites (7113B / 7113D / 7113F / 7113H / 7113K / 7113M), (7113C / 7113E / 7113G / 7113J / 7113L / 7113P), (7114)**

13.205. CONNECTOR COMPOSITES (7150), (%7150F2), (7152), P. 84

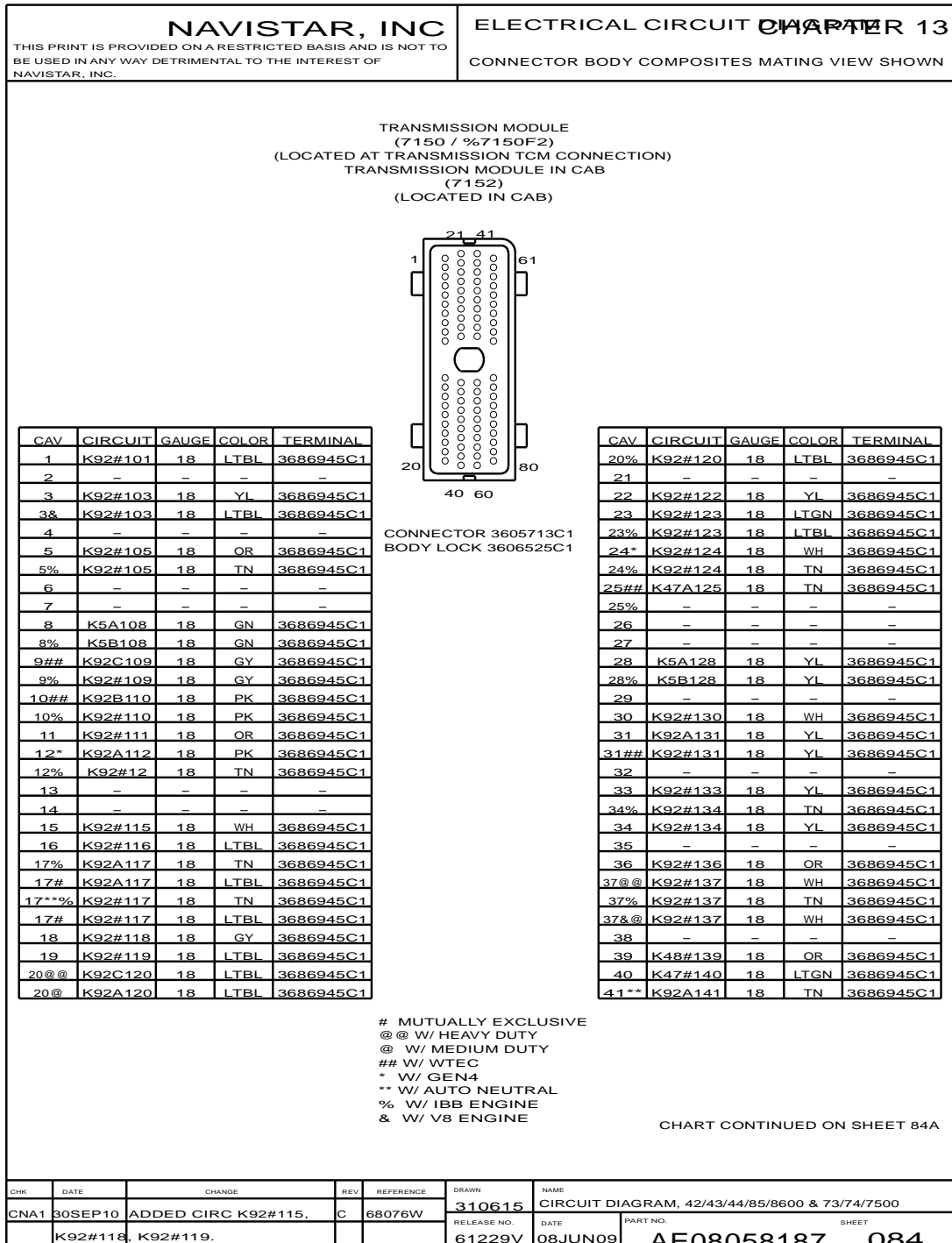


Figure 881 Connector Composites (7150), (%7150F2), (7152)

13.206. CONNECTOR COMPOSITES (7150), (7150F2), (7152), P. 84A

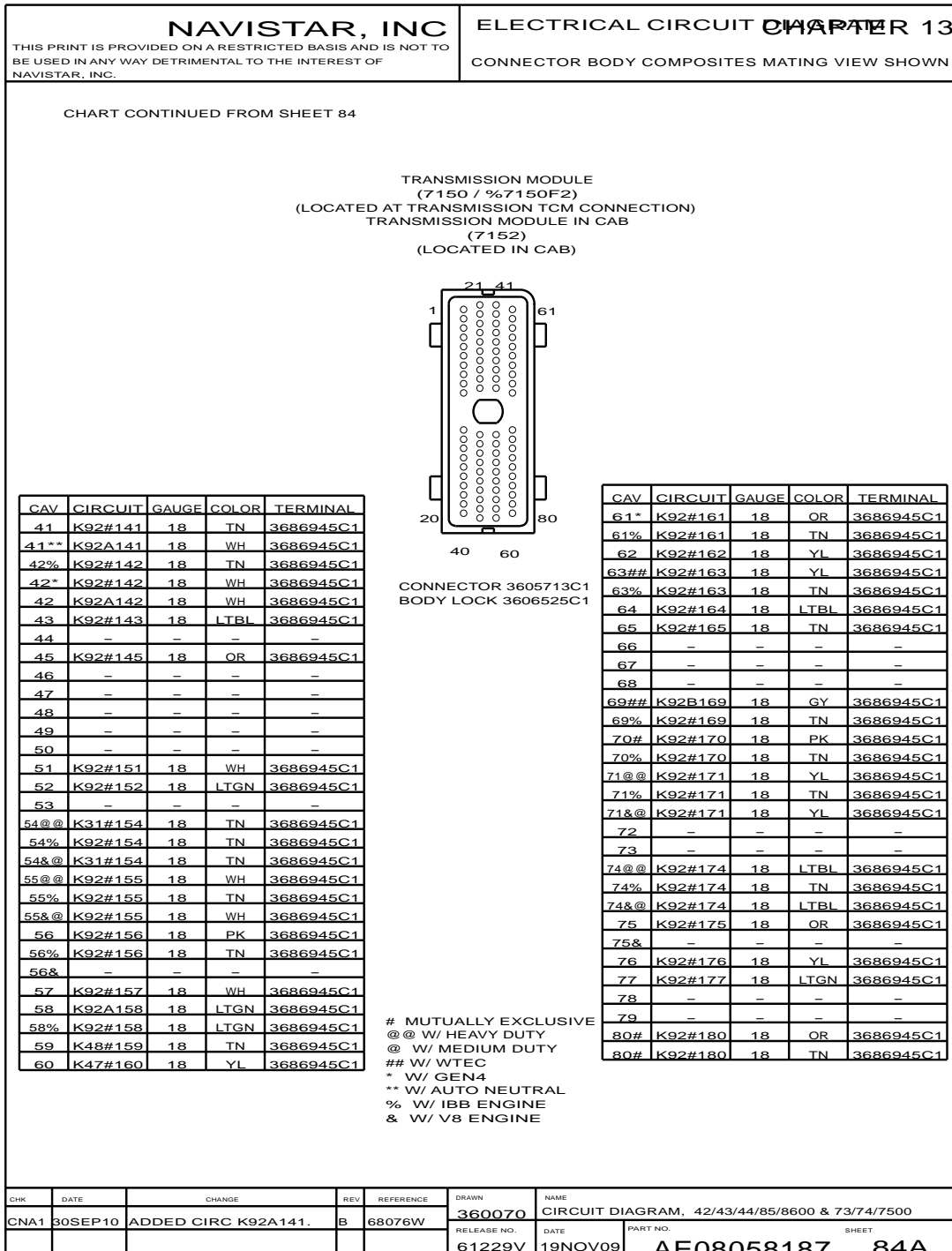


Figure 882 Connector Composites (7150), (7150F2), (7152)

13.207. CONNECTOR COMPOSITES (7150 / 7150F2), P. 85

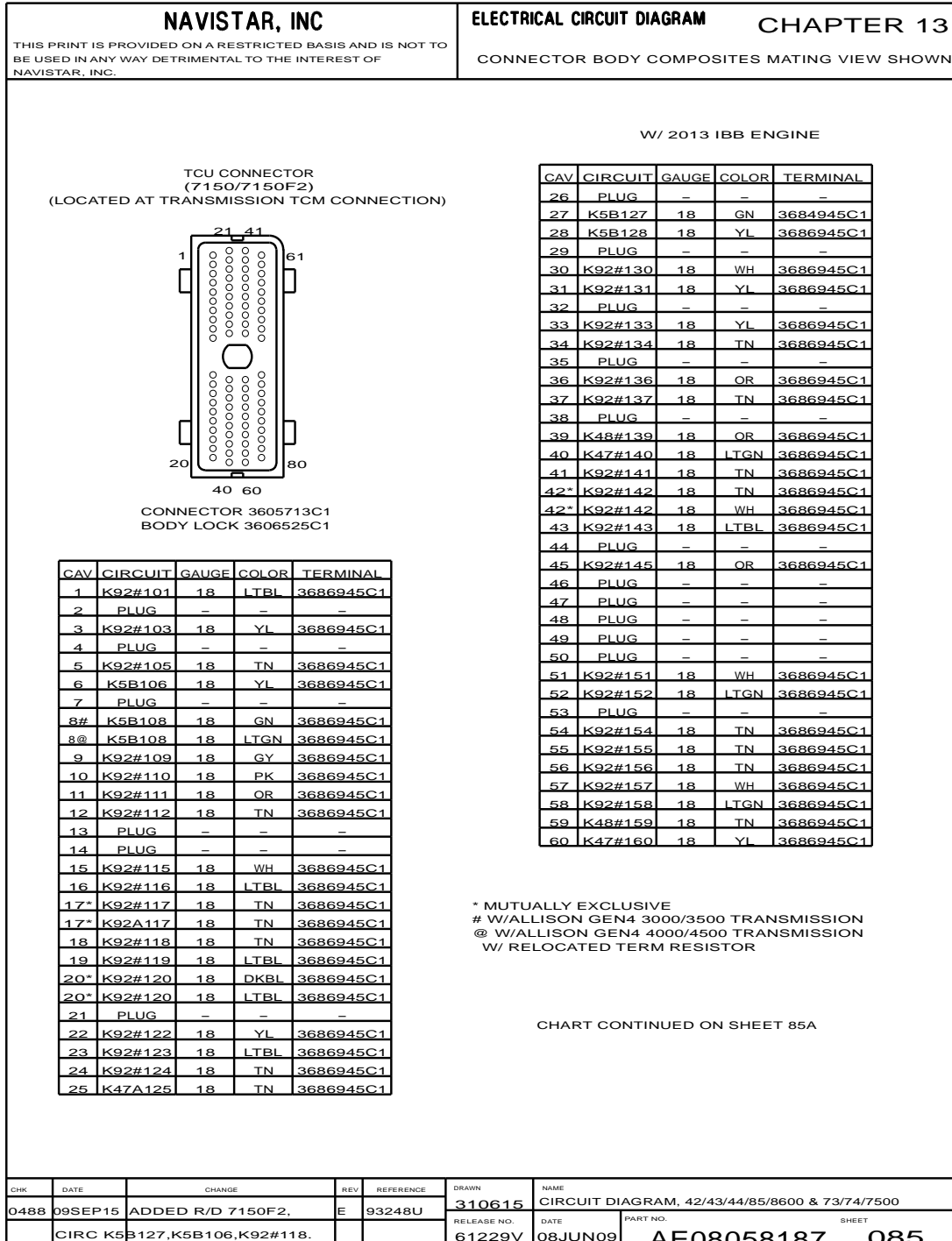


Figure 883 Connector Composites (7150 / 7150F2)

13.208. CONNECTOR COMPOSITES (7150), P. 85A

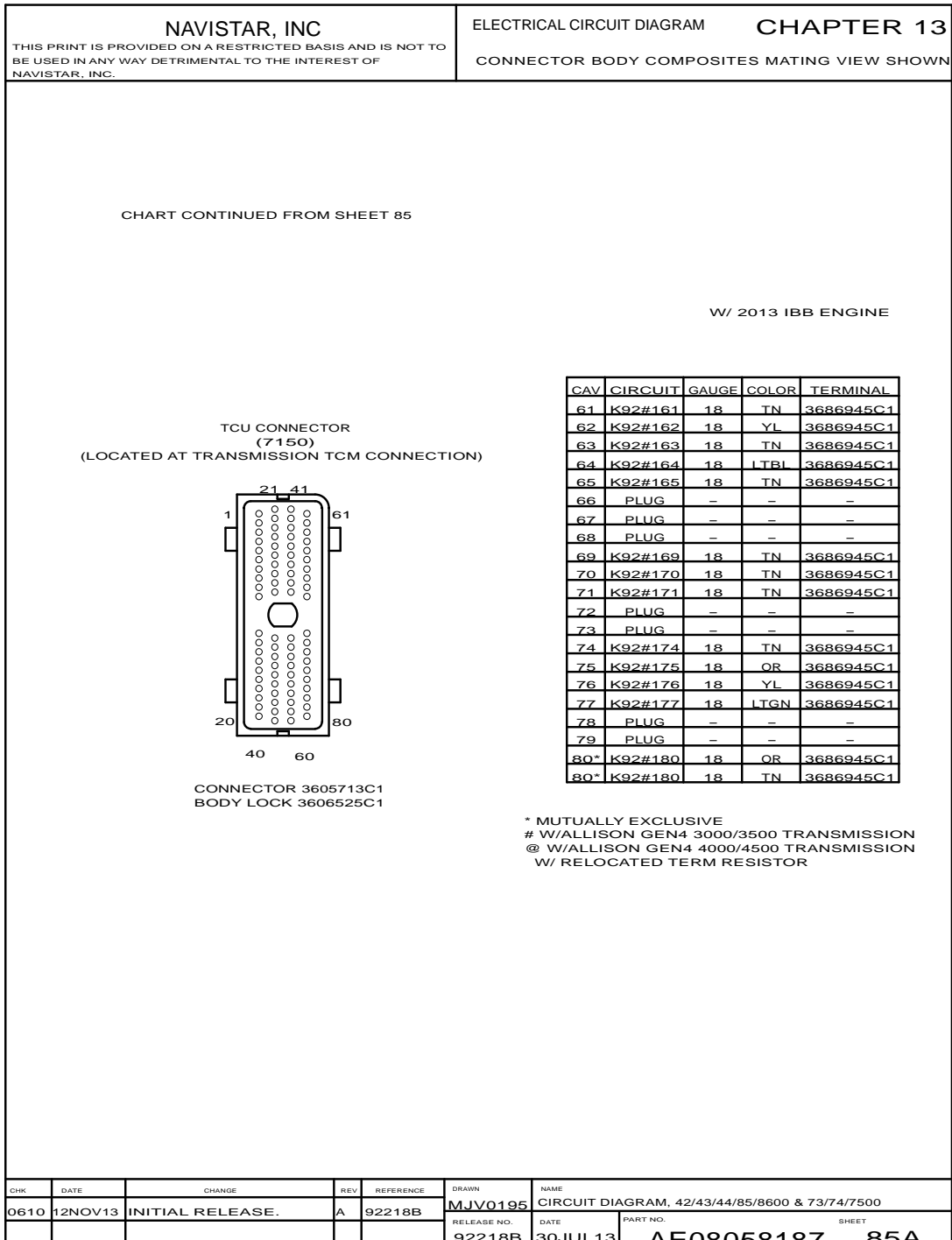


Figure 884 Connector Composites (7150)

13.209. CONNECTOR COMPOSITES (7150), P. 85B

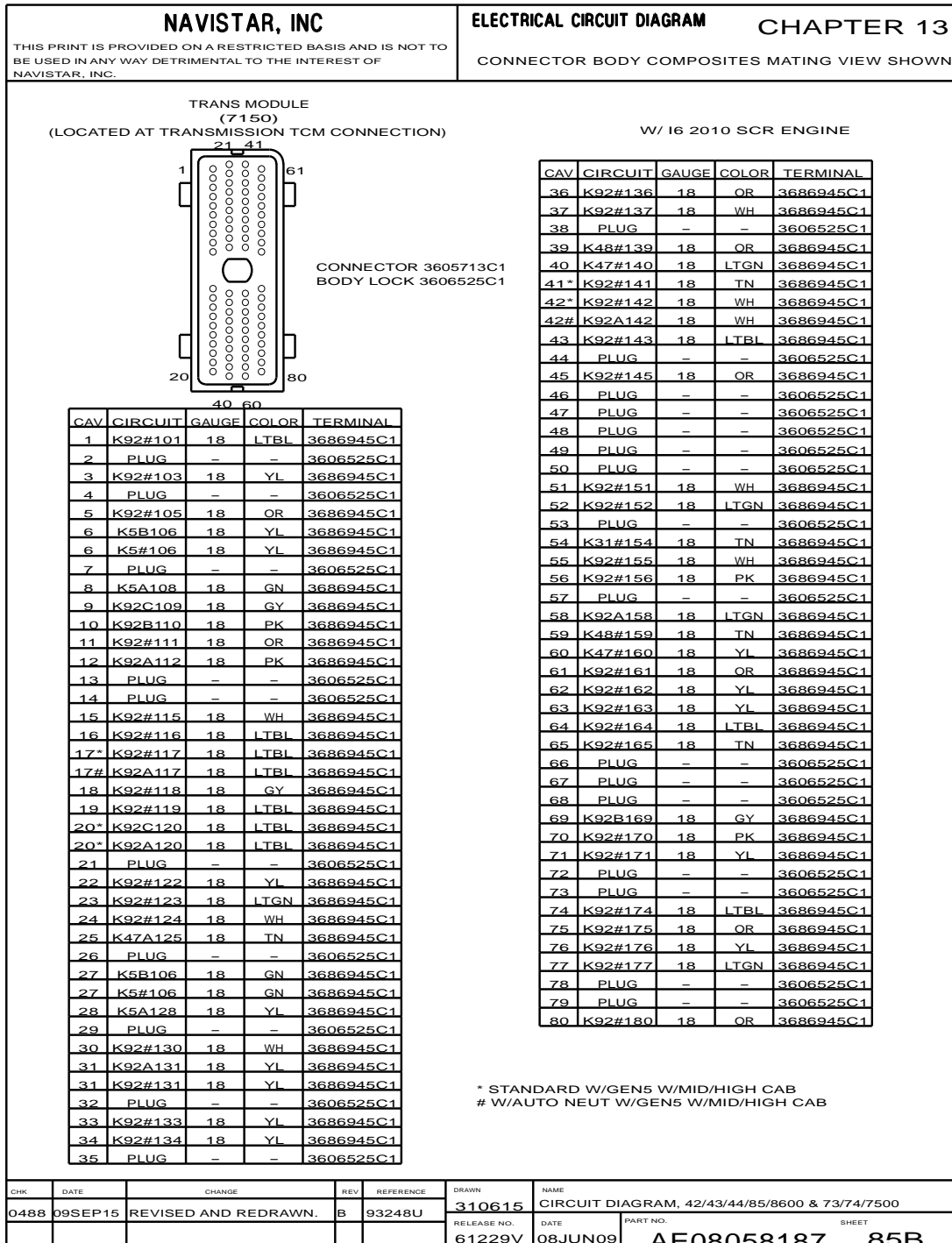


Figure 885 Connector Composites (7150)

13.210. CONNECTOR COMPOSITES (7151), P. 86

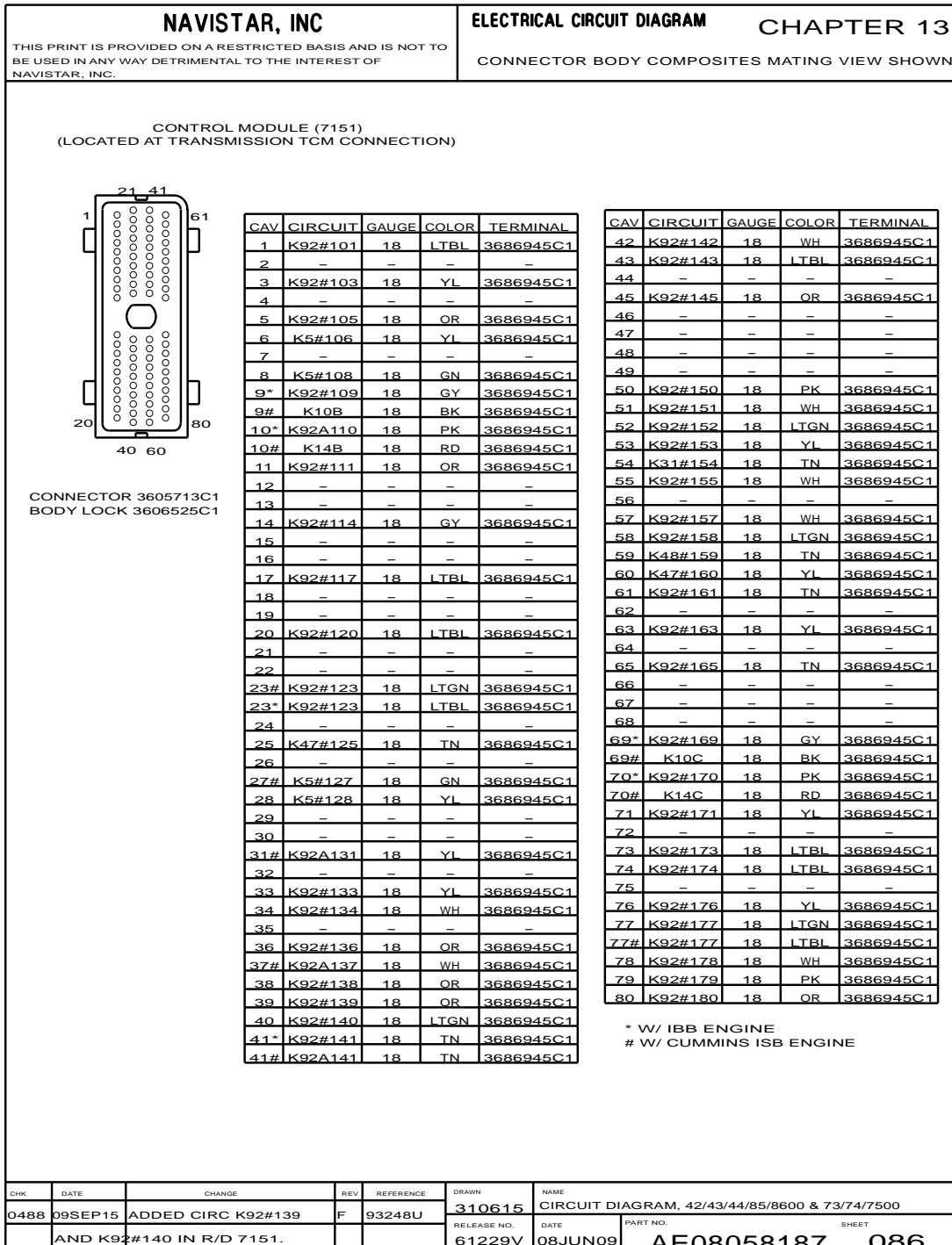


Figure 886 Connector Composites (7151)



13.211. CONNECTOR COMPOSITES (7151), P. 86A

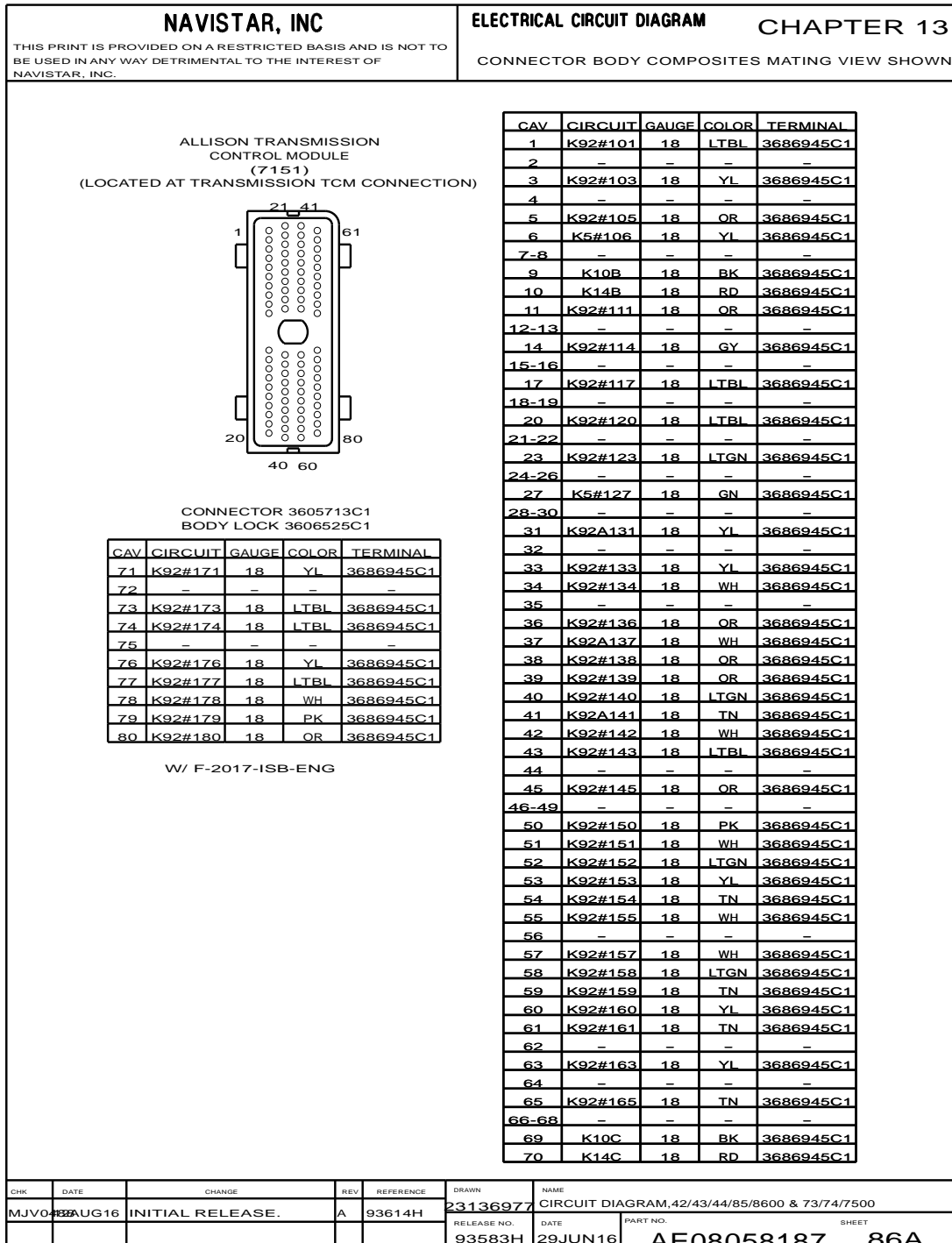


Figure 887 Connector Composites (7151)

13.212. CONNECTOR COMPOSITES (\*7205), (7205F), P. 87

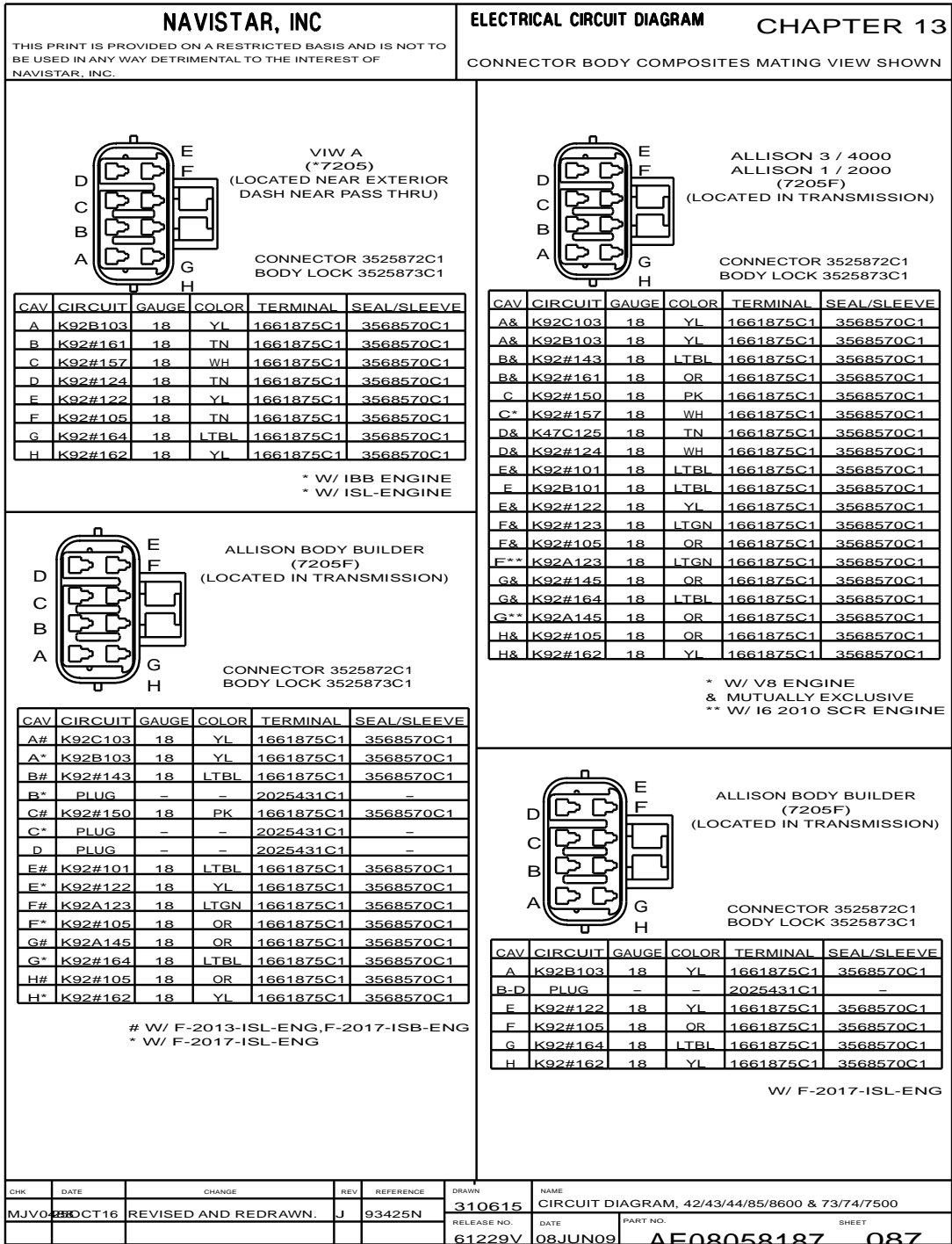


Figure 888 Connector Composites (\*7205), (7205F)

13.213. CONNECTOR COMPOSITES (\*7206), (7206F), (\*7206F), (@7207F), P. 87A

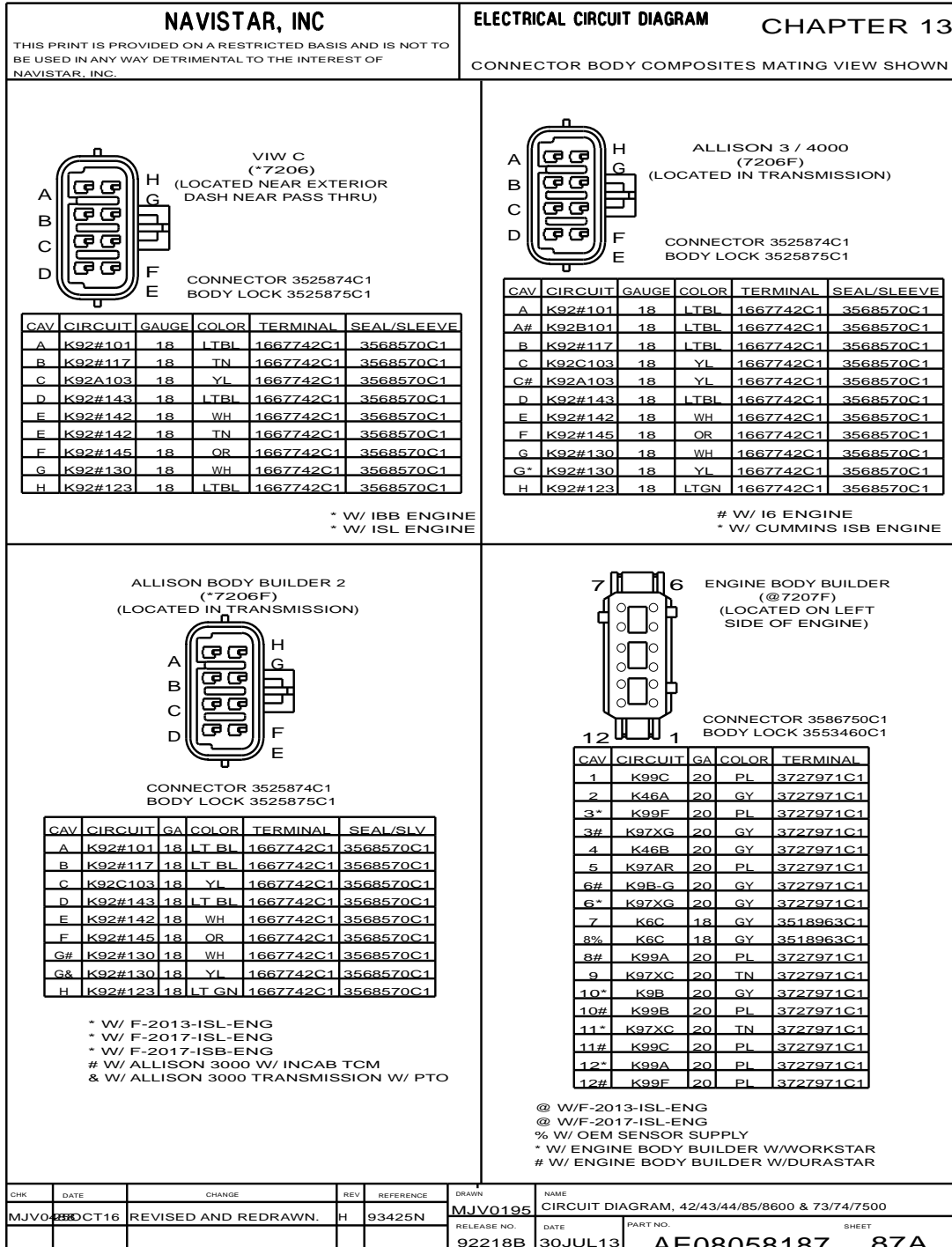


Figure 889 Connector Composites (\*7206), (7206F), (\*7206F), (@7207F)

13.214. CONNECTOR COMPOSITES (7207M), P. 87B

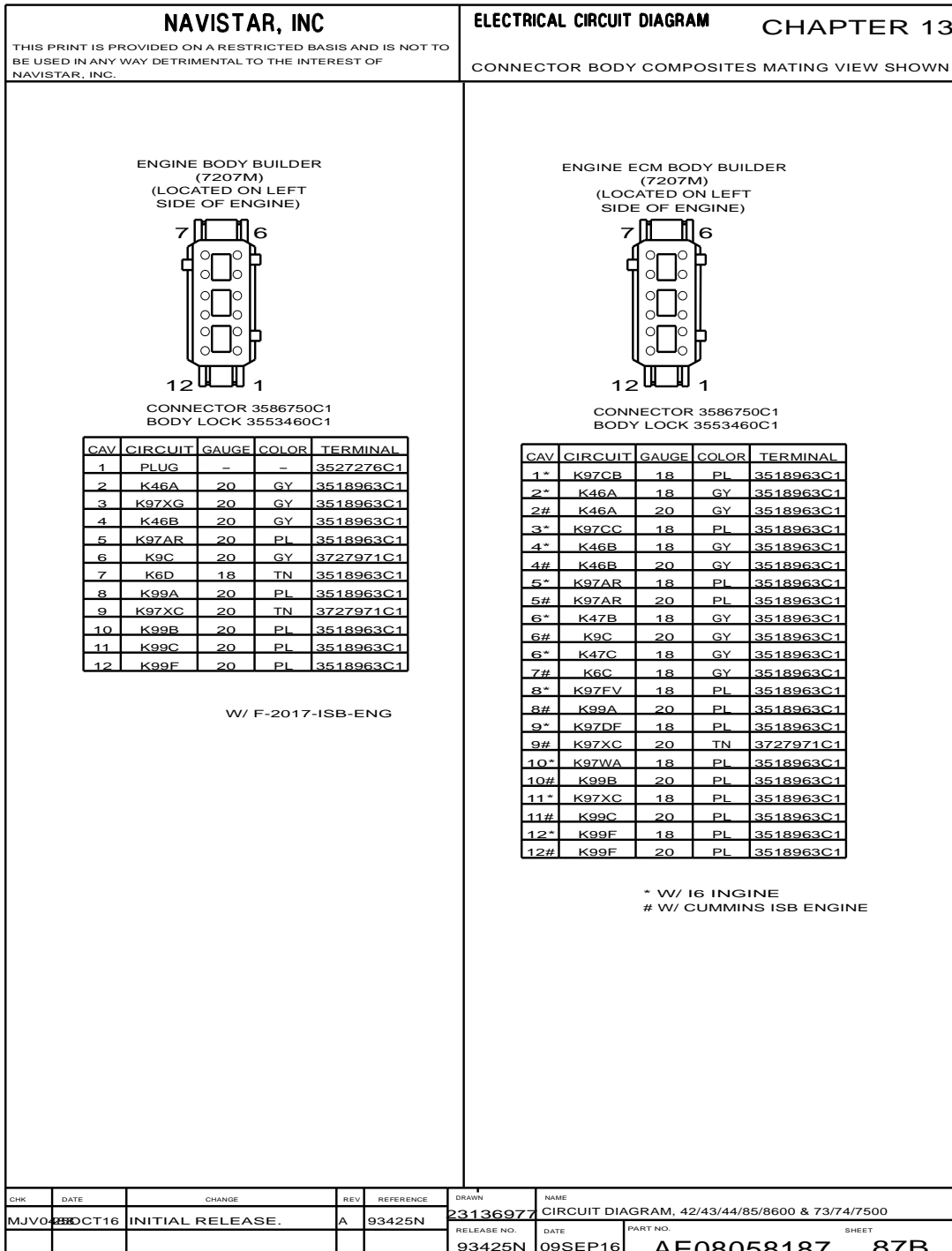


Figure 890 Connector Composites (7207M)

13.215. CONNECTOR COMPOSITES (7208M), (7211), (\*7211), (7212), (7213), (7220), P. 88

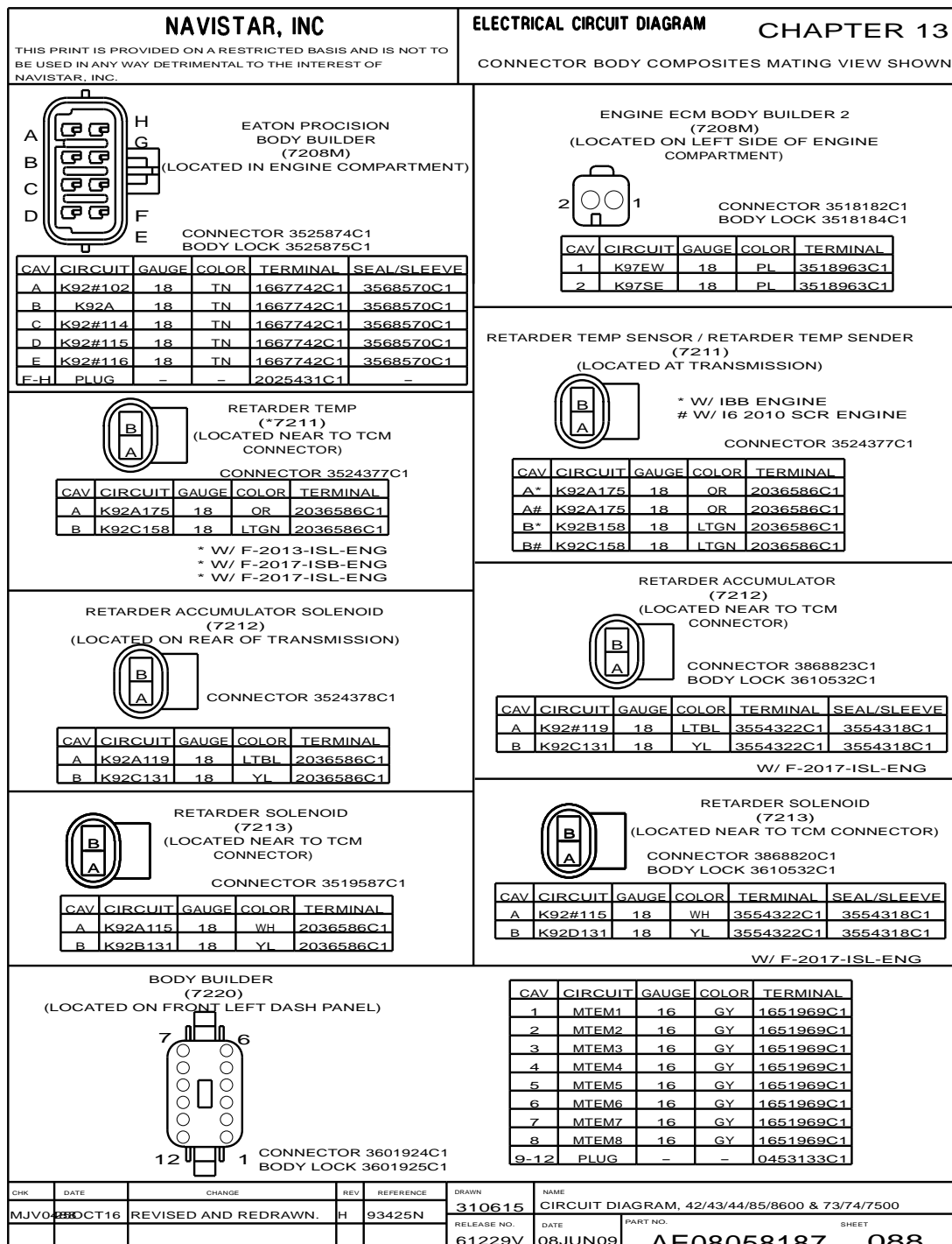


Figure 891 Connector Composites (7208M), (7211), (\*7211), (7212), (7213), (7220)

13.216. CONNECTOR COMPOSITES (7250), (7250M), P. 89

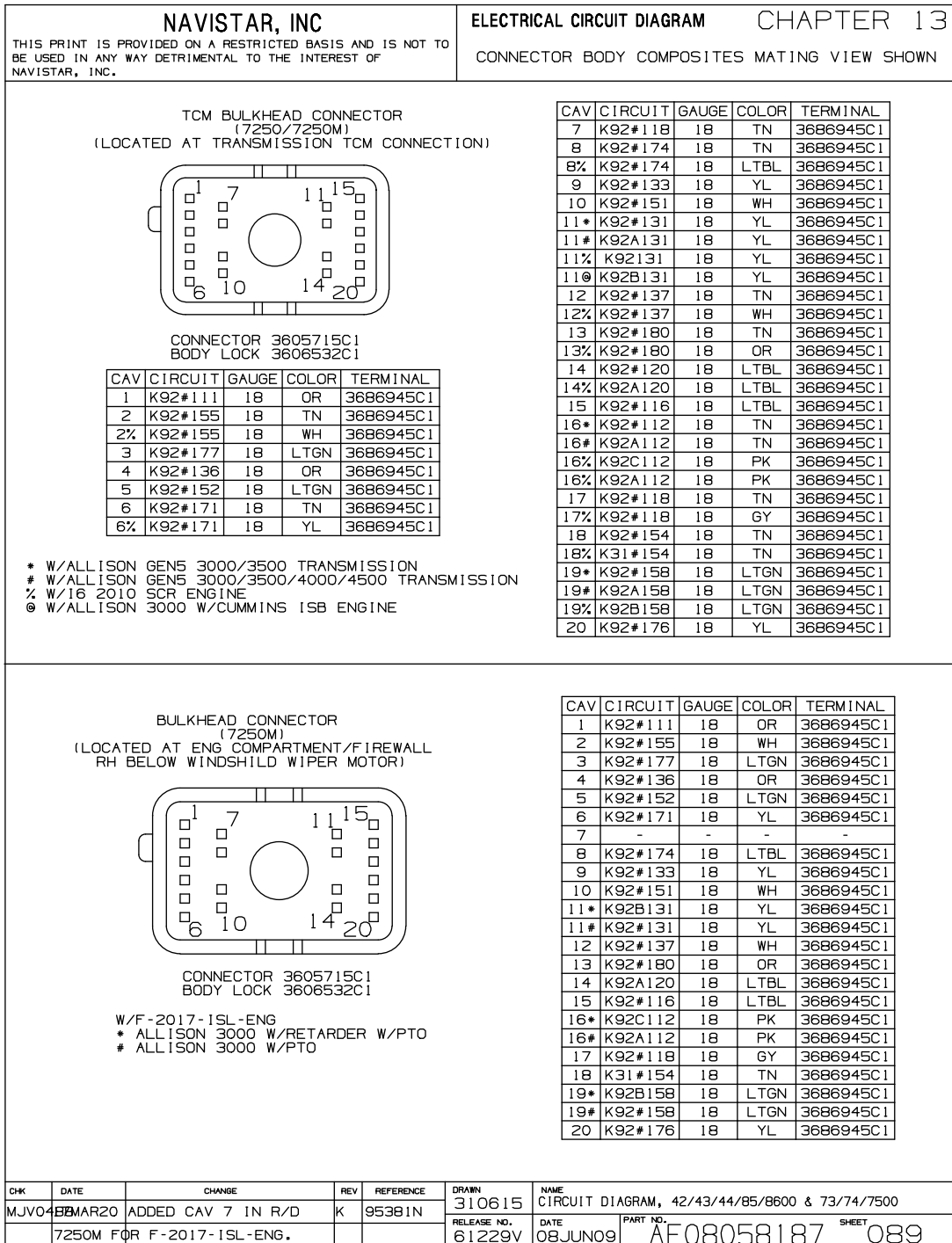


Figure 892 Connector Composites (7250), (7250M)

13.217. CONNECTOR COMPOSITES (7251M), (7350), P. 89A

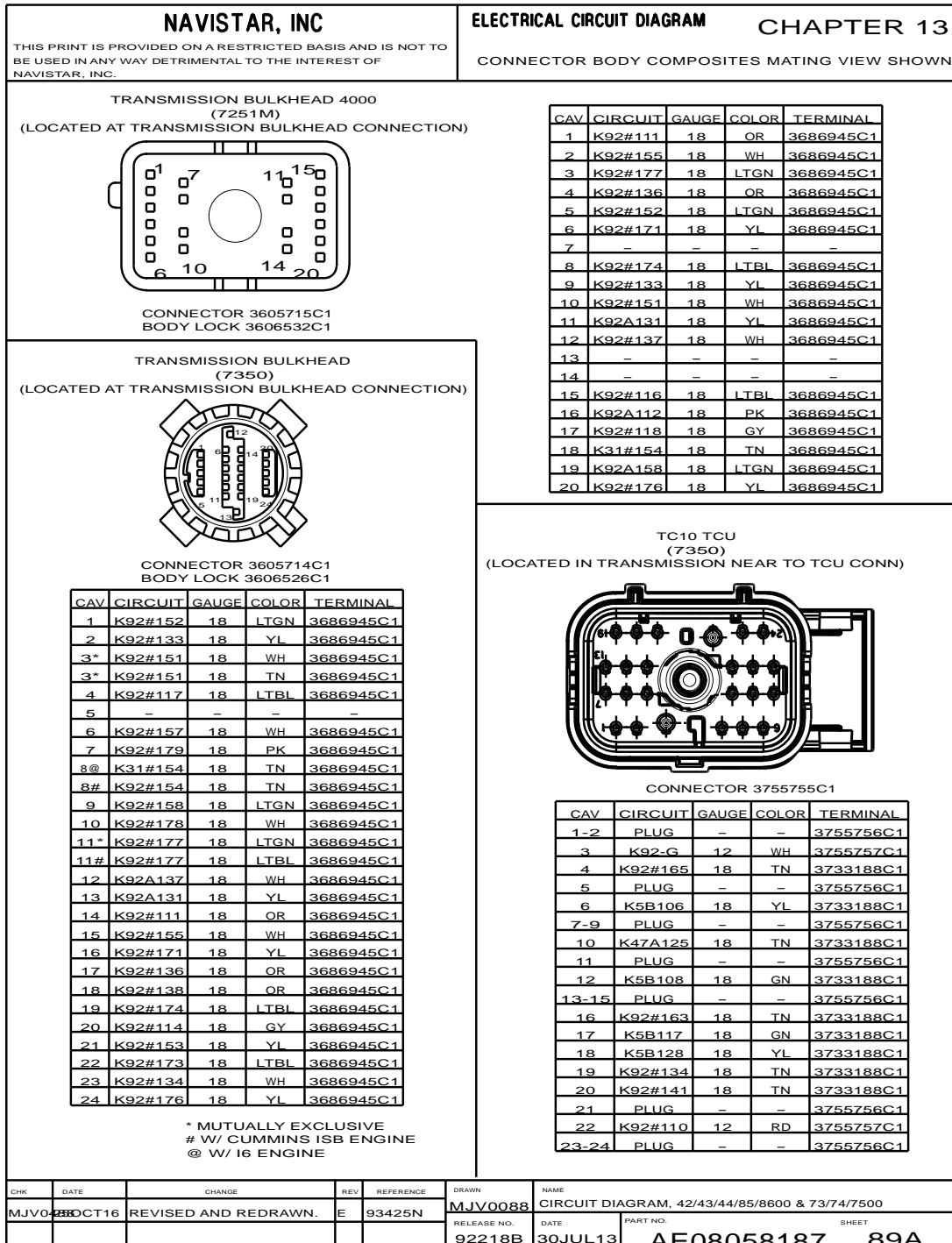


Figure 893 Connector Composites (7251M), (7350)

13.218. CONNECTOR COMPOSITES (&7500), P. 89B

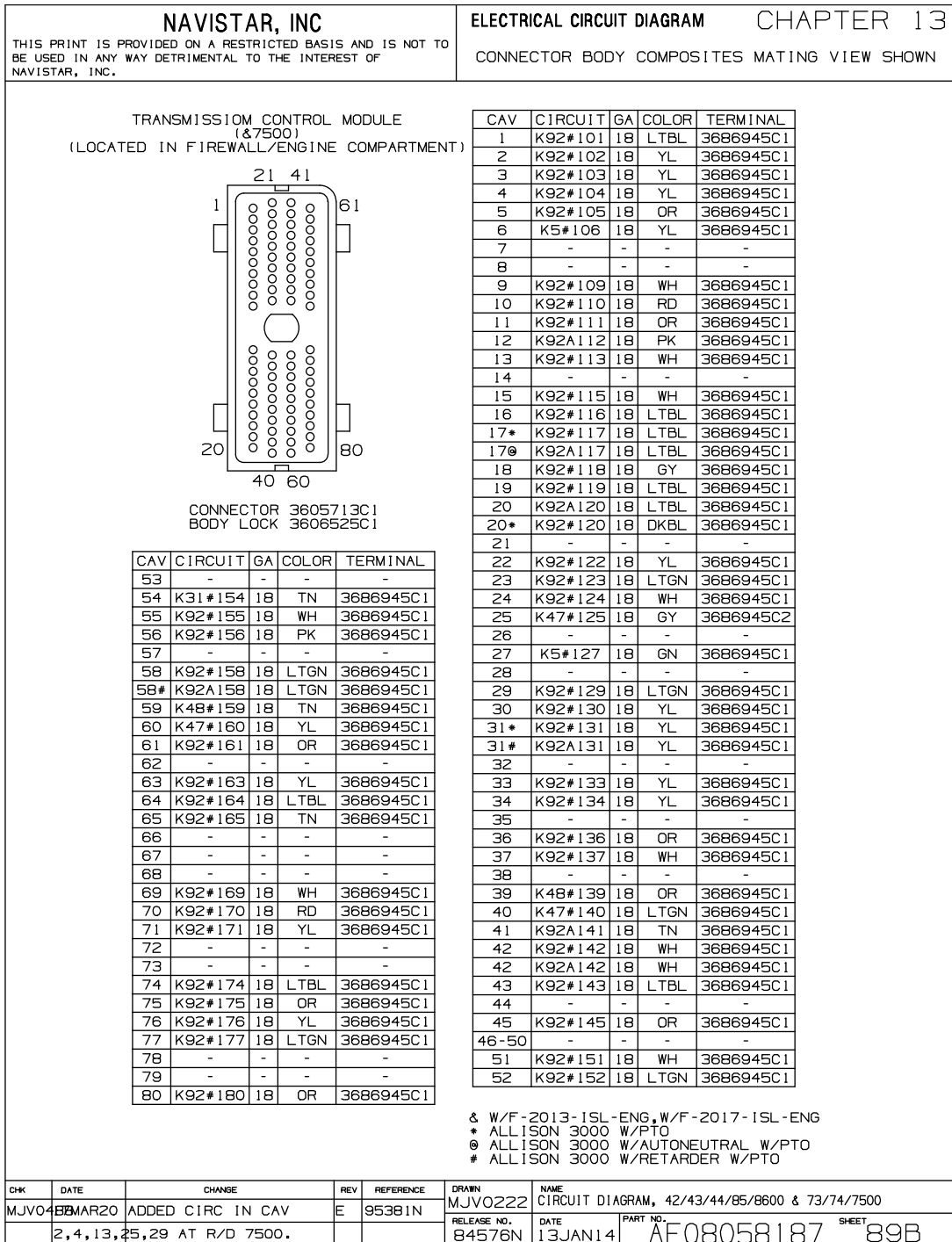


Figure 894 Connector Composites (&7500)



13.219. CONNECTOR COMPOSITES (7500M), (7500MA), (7500W), P. 89C

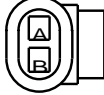
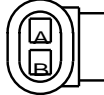
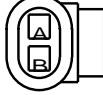
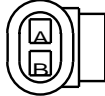
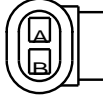
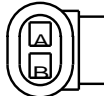
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					RELEASE NO.	DATE	PART NO.																																																
					92927M	11FEB15	AE08058187 89C																																																

Figure 895 Connector Composites (7500M), (7500MA), (7500W)

13.220. CONNECTOR COMPOSITES (7501), (7502), (7502M), (7600), (7600A), P. 90

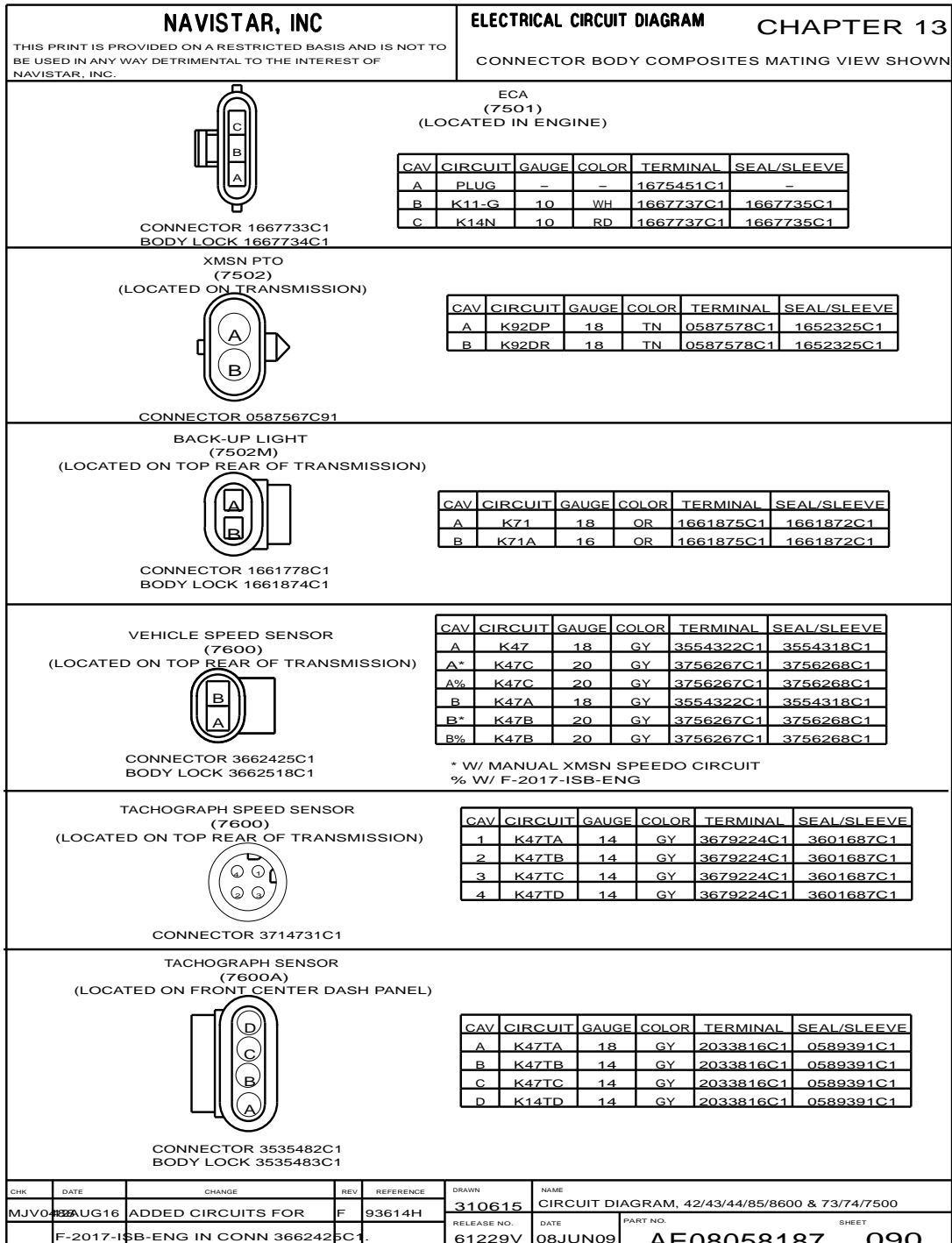


Figure 896 Connector Composites (7501), (7502), (7502M), (7600), (7600A)

13.221. CONNECTOR COMPOSITES (7600A), (7600M), (7601), (\*7601), P. 90A

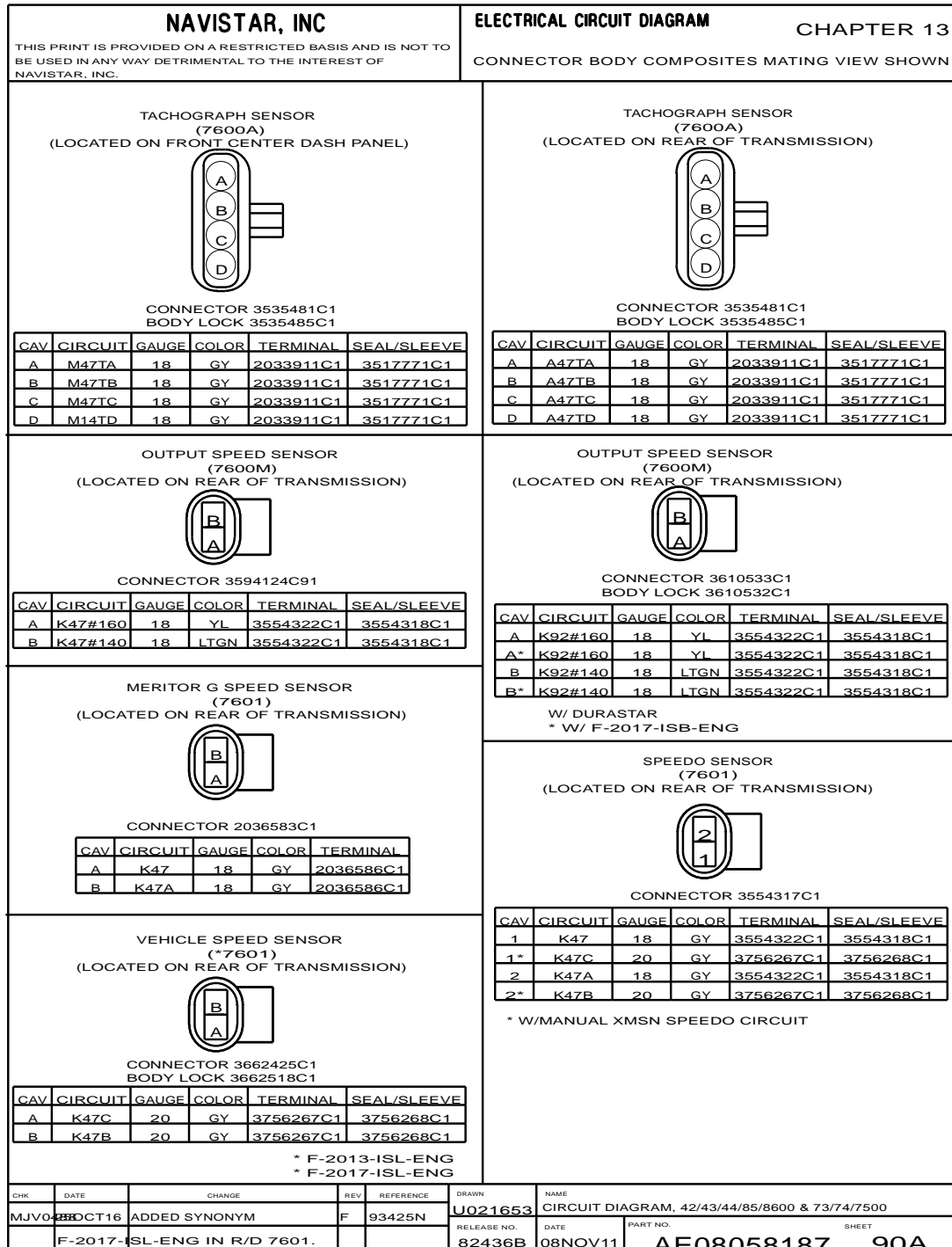


Figure 897 Connector Composites (7600A), (7600M), (7601), (\*7601)

13.222. CONNECTOR COMPOSITES (7601), (7601M), (7603), P. 90B

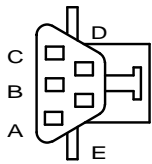




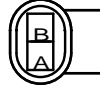
<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		CHAPTER 13																																					
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4	PLUG	-	-	3601686C1	3601687C1																																						
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					92372W	16DEC13	AE08058187 90B																																				

Figure 898 Connector Composites (7601), (7601M), (7603)

13.223. CONNECTOR COMPOSITES (7603M), (7603MA), (7604M), (7605 / 7605M), (7606M), (7607M), (7608M), P. 91

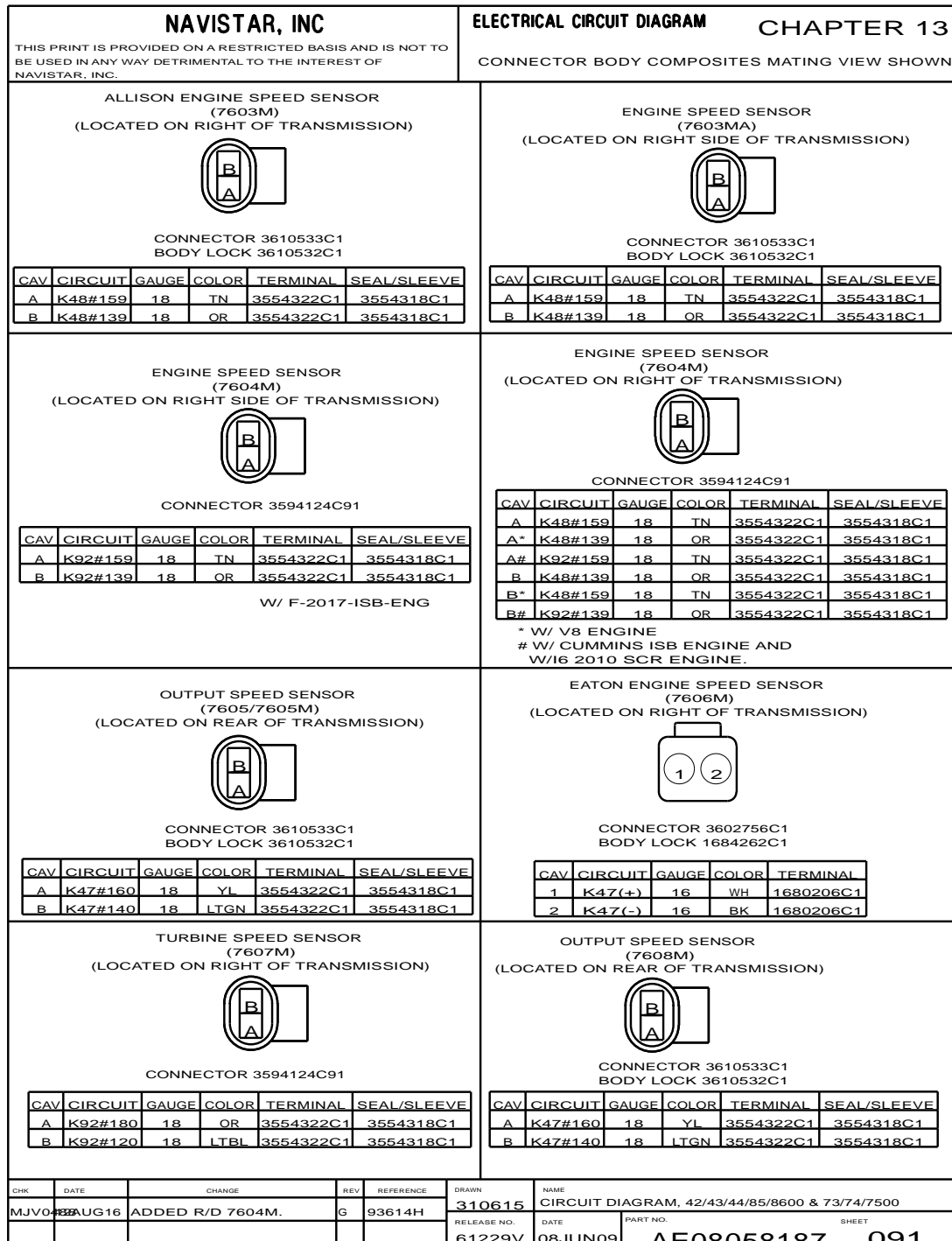


Figure 899 Connector Composites (7603M), (7603MA), (7604M), (7605 / 7605M), (7606M), (7607M), (7608M)

13.224. CONNECTOR COMPOSITES (7609B), (7609M), P. 91A

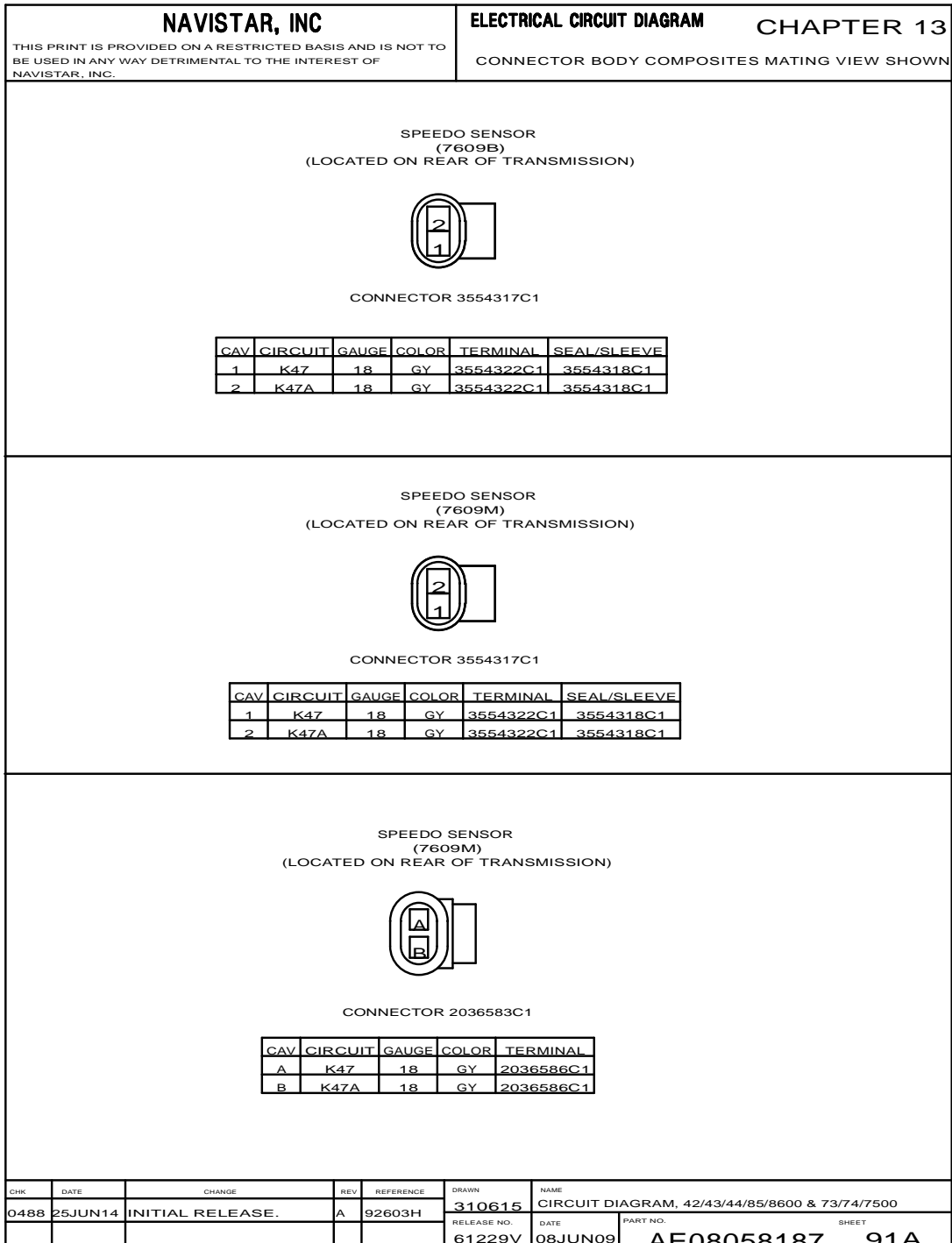


Figure 900 Connector Composites (7609B), (7609M)

13.225. CONNECTOR COMPOSITES (7611), (7615), (7615M), (7621), (7700K), P. 92

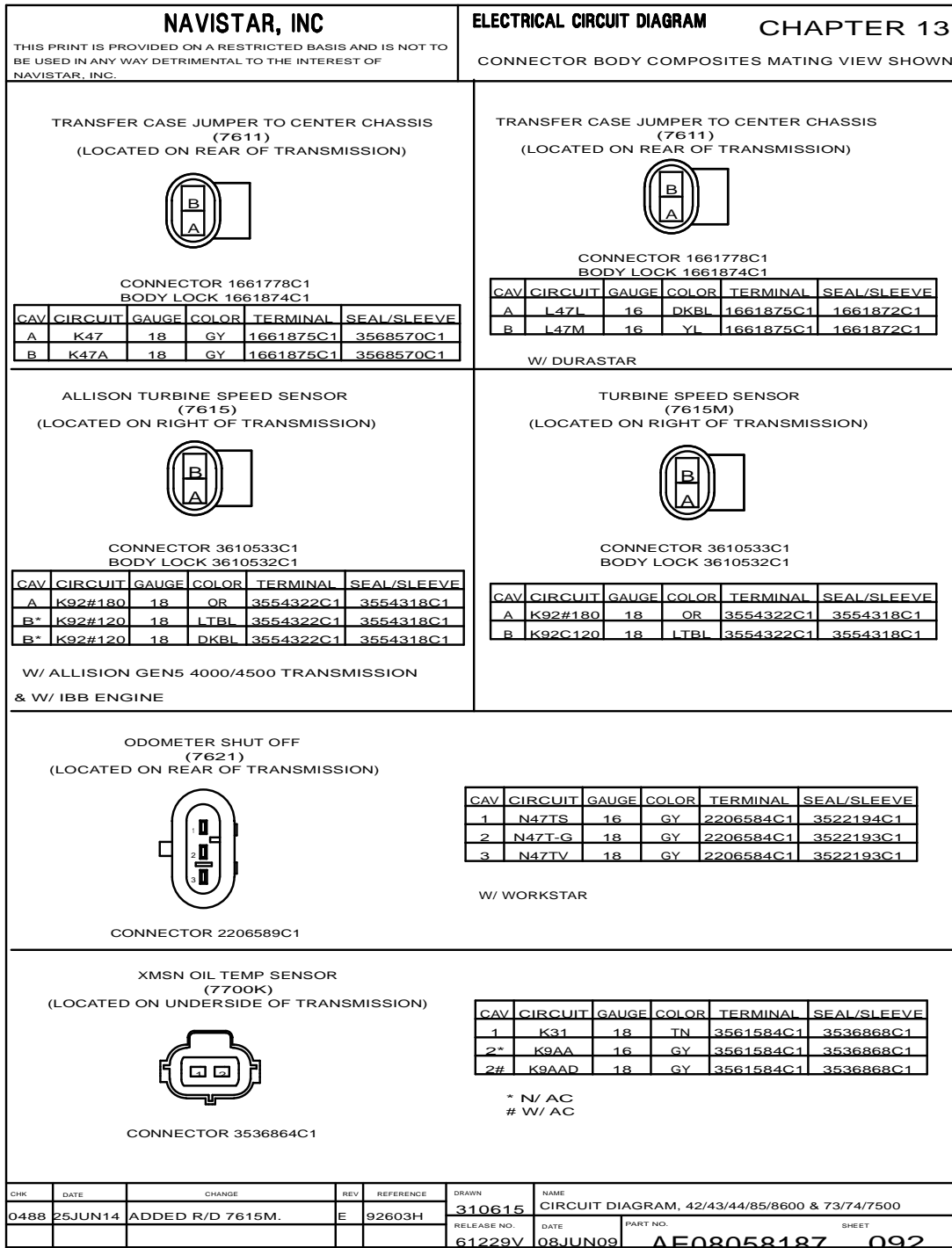


Figure 901 Connector Composites (7611), (7615), (7615M), (7621), (7700K)

13.226. CONNECTOR COMPOSITES (7700L), (7700M), (7702), (7703), (\*7703), (7750), (7751), P. 92A

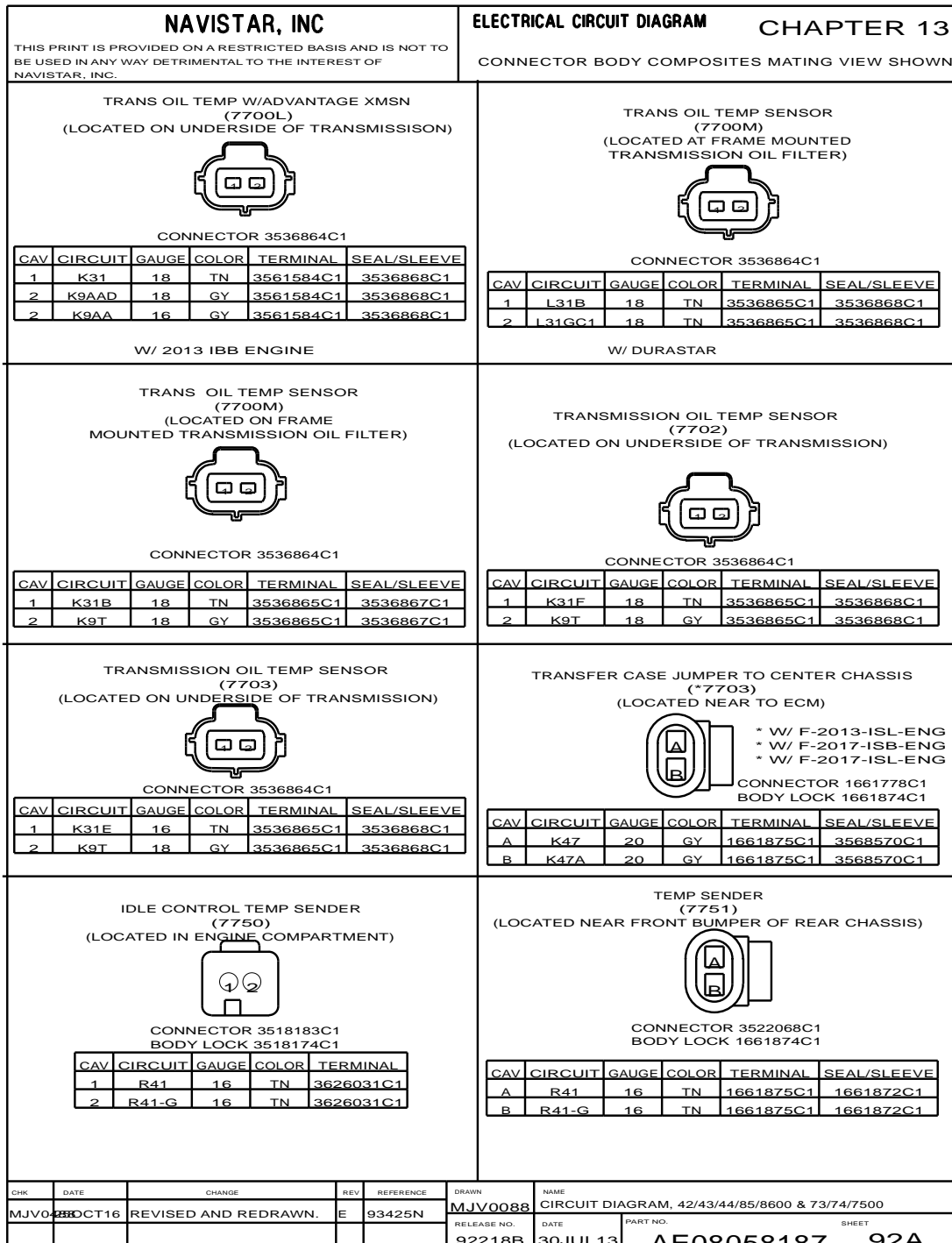


Figure 902 Connector Composites (7700L), (7700M), (7702), (7703), (\*7703), (7750), (7751)



13.227. CONNECTOR COMPOSITES (7777), (7800F), (7801), (7801A), (\*7801A), (7801B), P. 92B

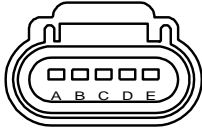
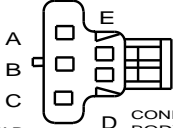
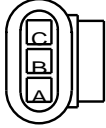

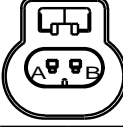
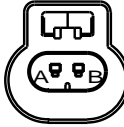

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Figure 903 Connector Composites (7777), (7800F), (7801), (7801A), (\*7801A), (7801B)

13.228. CONNECTOR COMPOSITES (7801F), (7801M), (7801M2), (7801R), P. 93

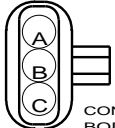
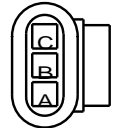
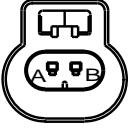
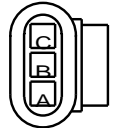


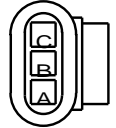
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Figure 904 Connector Composites (7801F), (7801M), (7801M2), (7801R)

13.229. CONNECTOR COMPOSITES (7802), (7803), (7803A), (7900), (7901), P. 94

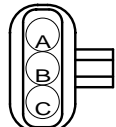
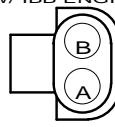

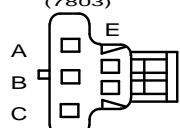

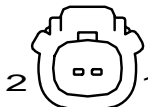


<b>NAVISTAR, INC</b>		<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 13</b>																																										
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.		CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																												
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TRANSFER CASE TO ENGINE (7803)  <p>W/ DURASTAR</p> <p>CONNECTOR 3522252C1 BODY LOCK 3522253C1</p>		LIFT GATE (7803A) (LOCATED AT BACK OF CAB)  <p>CONNECTOR 3539141C1 BODY LOCK 3539146C1</p>																																												
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EATON T HANDLE SHIFTER (7900) (LOCATED ON THE BACK OF SHIFT SELECTOR)  <p>CONNECTOR 3540756C1 BODY LOCK 3540758C1</p>		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K92BK</td> <td>16</td> <td>TN</td> <td>3555249C1</td> </tr> <tr> <td>1*</td> <td>K92BK</td> <td>16</td> <td>BK</td> <td>3555249C1</td> </tr> <tr> <td>2</td> <td>K92RD</td> <td>16</td> <td>TN</td> <td>3555249C1</td> </tr> <tr> <td>3</td> <td>K92YL</td> <td>16</td> <td>TN</td> <td>3555249C1</td> </tr> <tr> <td>3*</td> <td>K92YL</td> <td>16</td> <td>YL</td> <td>3555249C1</td> </tr> <tr> <td>4</td> <td>K92BL</td> <td>16</td> <td>TN</td> <td>3555249C1</td> </tr> <tr> <td>4*</td> <td>K92BL</td> <td>16</td> <td>LTBL</td> <td>3555249C1</td> </tr> </tbody> </table> <p>* EATON ULTRASHIFT W/ PARK PAWL</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K92BK	16	TN	3555249C1	1*	K92BK	16	BK	3555249C1	2	K92RD	16	TN	3555249C1	3	K92YL	16	TN	3555249C1	3*	K92YL	16	YL	3555249C1	4	K92BL	16	TN	3555249C1	4*	K92BL	16	LTBL	3555249C1
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																								
0488	24MAR15	ADDED CIRC K92BK,	F	92927M	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																								
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					AE08058187	094																																								

Figure 905 Connector Composites (7802), (7803), (7803A), (7900), (7901)

13.230. CONNECTOR COMPOSITES (\*7901), (7905), (7905A), P. 95

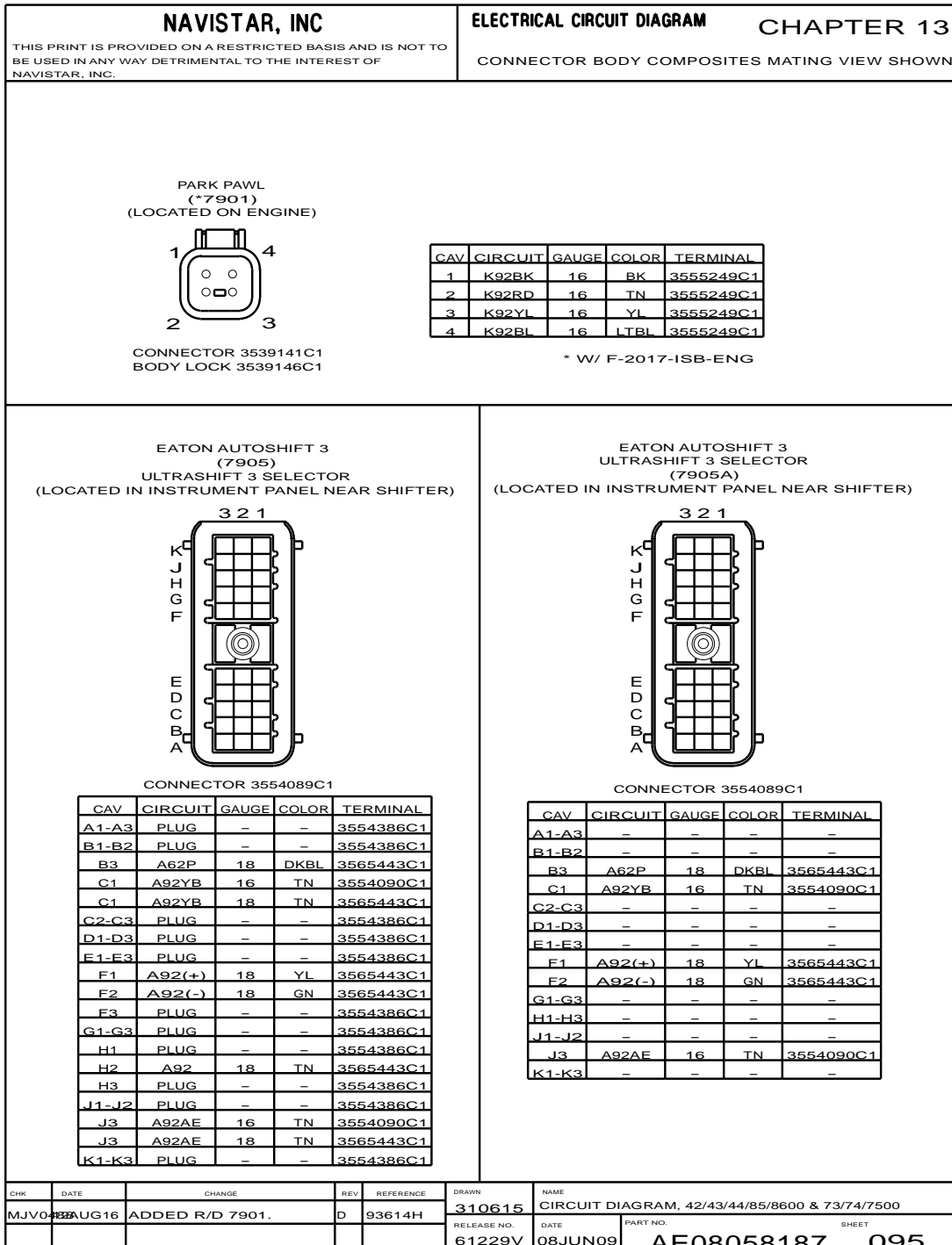


Figure 906 Connector Composites (\*7901), (7905), (7905A)

13.231. CONNECTOR COMPOSITES (7909), P. 95A

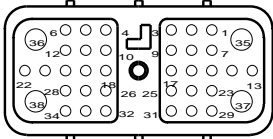
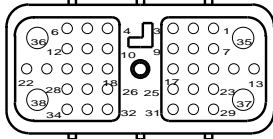
<p><b>NAVISTAR, INC</b></p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>	<p><b>ELECTRICAL CIRCUIT DIAGRAM</b></p> <p><b>CHAPTER 13</b></p> <p>CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p>																																																																																																																																																																																																																												
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20	K92E	18	LTBL	3555249C1																																																																																																																																																																																																																									
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21	K92F	18	LTGN	3555249C1																																																																																																																																																																																																																									
22	K92H	18	WH	3555249C1																																																																																																																																																																																																																									
23	PLUG	-	-	3527276C1																																																																																																																																																																																																																									
24	PLUG	-	-	3527276C1																																																																																																																																																																																																																									
25	K92AE	16	TN	3555249C1																																																																																																																																																																																																																									
26	K17J	16	PK	3555249C1																																																																																																																																																																																																																									
27	K92(-)	18	GN	3555249C1																																																																																																																																																																																																																									
27#	K92(-)	18	GY	3555249C1																																																																																																																																																																																																																									
28	K92(+)	18	YL	3555249C1																																																																																																																																																																																																																									
28#	K92(+)	18	DKBL	3555249C1																																																																																																																																																																																																																									
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30	PLUG	-	-	3527276C1																																																																																																																																																																																																																									
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31%	K92RD	16	TN	3555249C1																																																																																																																																																																																																																									
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34	PLUG	-	-	3527276C1																																																																																																																																																																																																																									
35	K13D	14	PK	3557534C1																																																																																																																																																																																																																									
35@	K13D	14	PK	3841699C1																																																																																																																																																																																																																									
36	K11-GAM	12	WH	3557534C1																																																																																																																																																																																																																									
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Figure 907 Connector Composites (7909)

13.232. CONNECTOR COMPOSITES (7910), (7911), P. 96

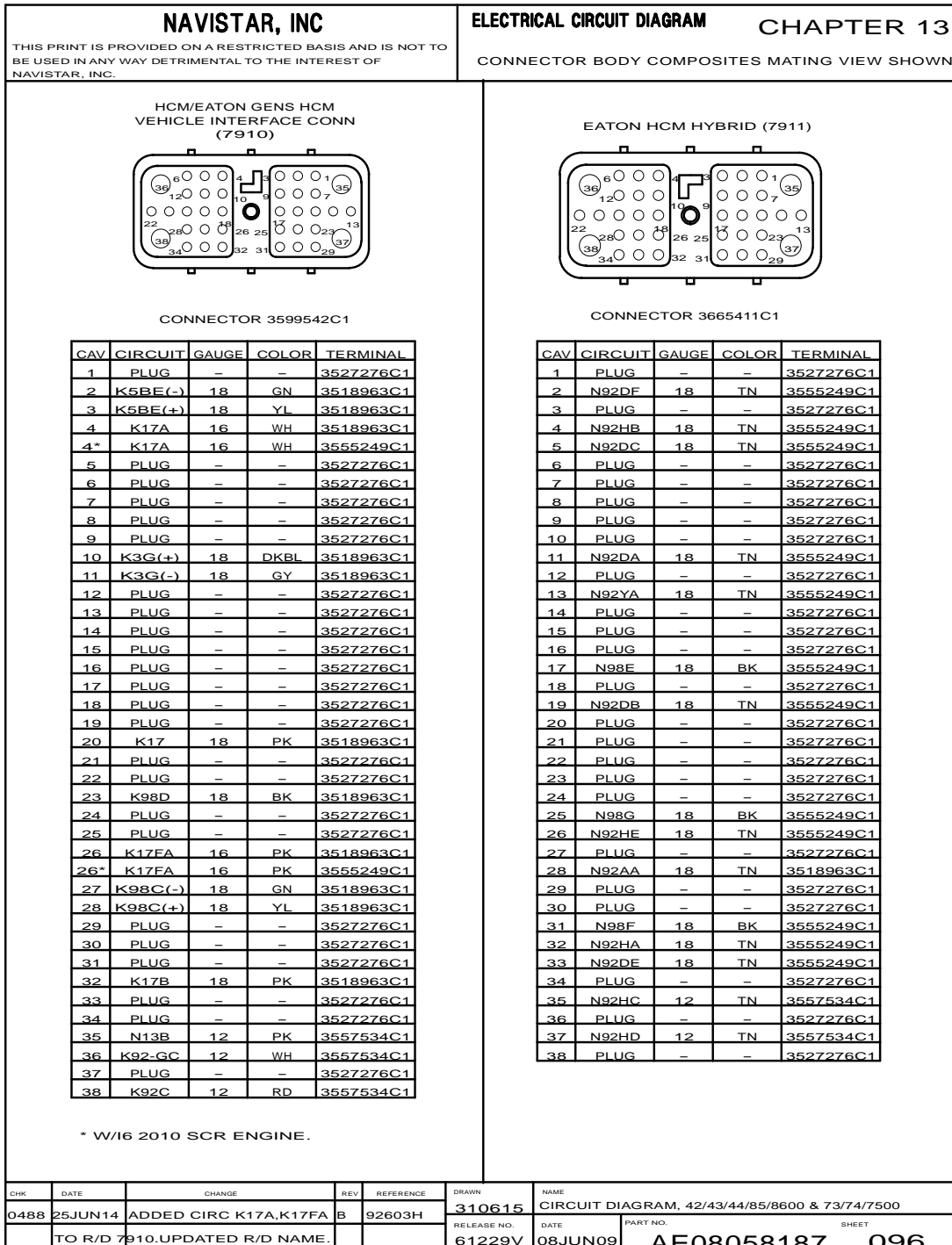


Figure 908 Connector Composites (7910), (7911)

13.233. CONNECTOR COMPOSITES (8000), (8000A), (8001), P. 97

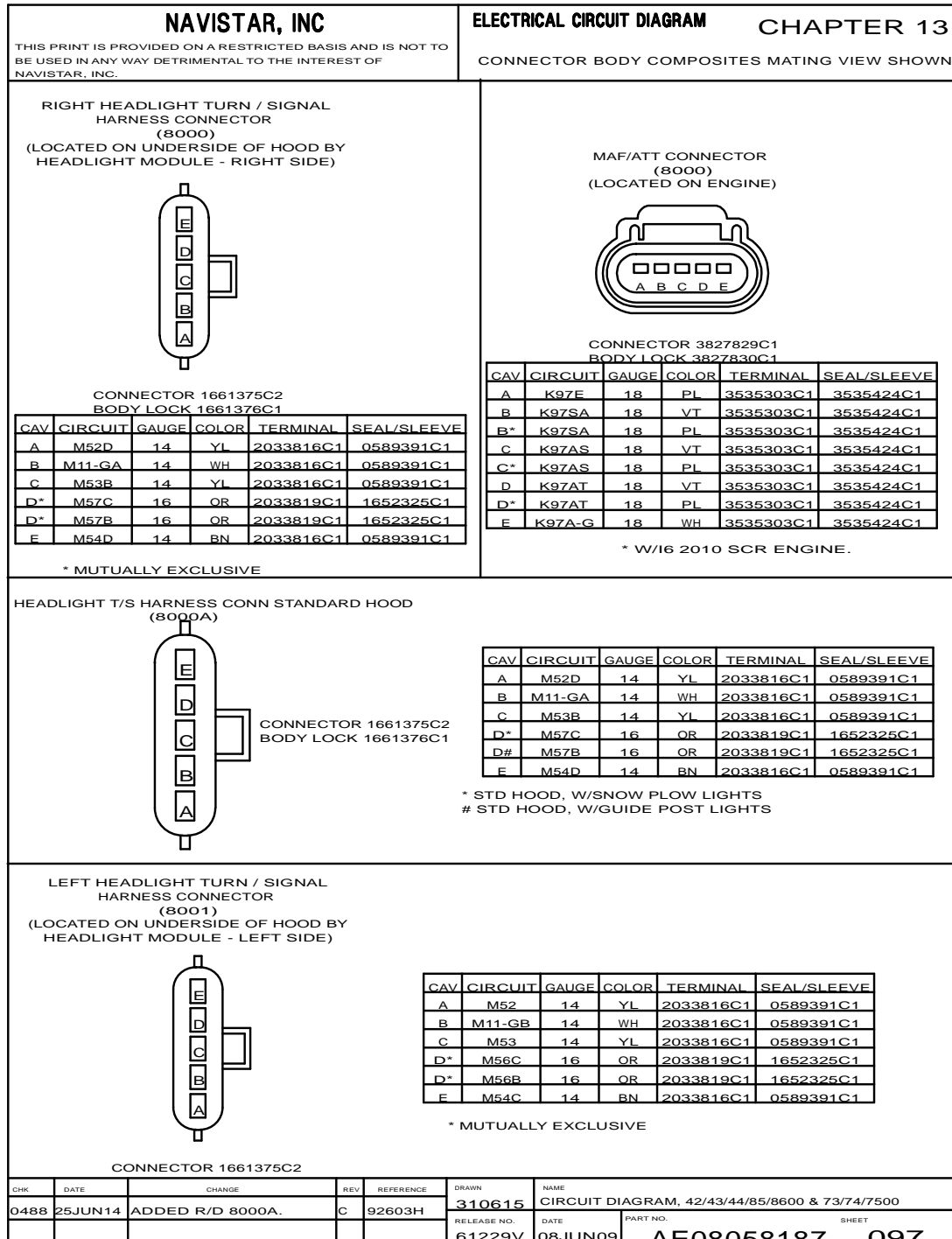


Figure 909 Connector Composites (8000), (8000A), (8001)

13.234. CONNECTOR COMPOSITES (8001A), (8102A), (8102), (8103), (8103A), (8150A), (8151A), P. 97A

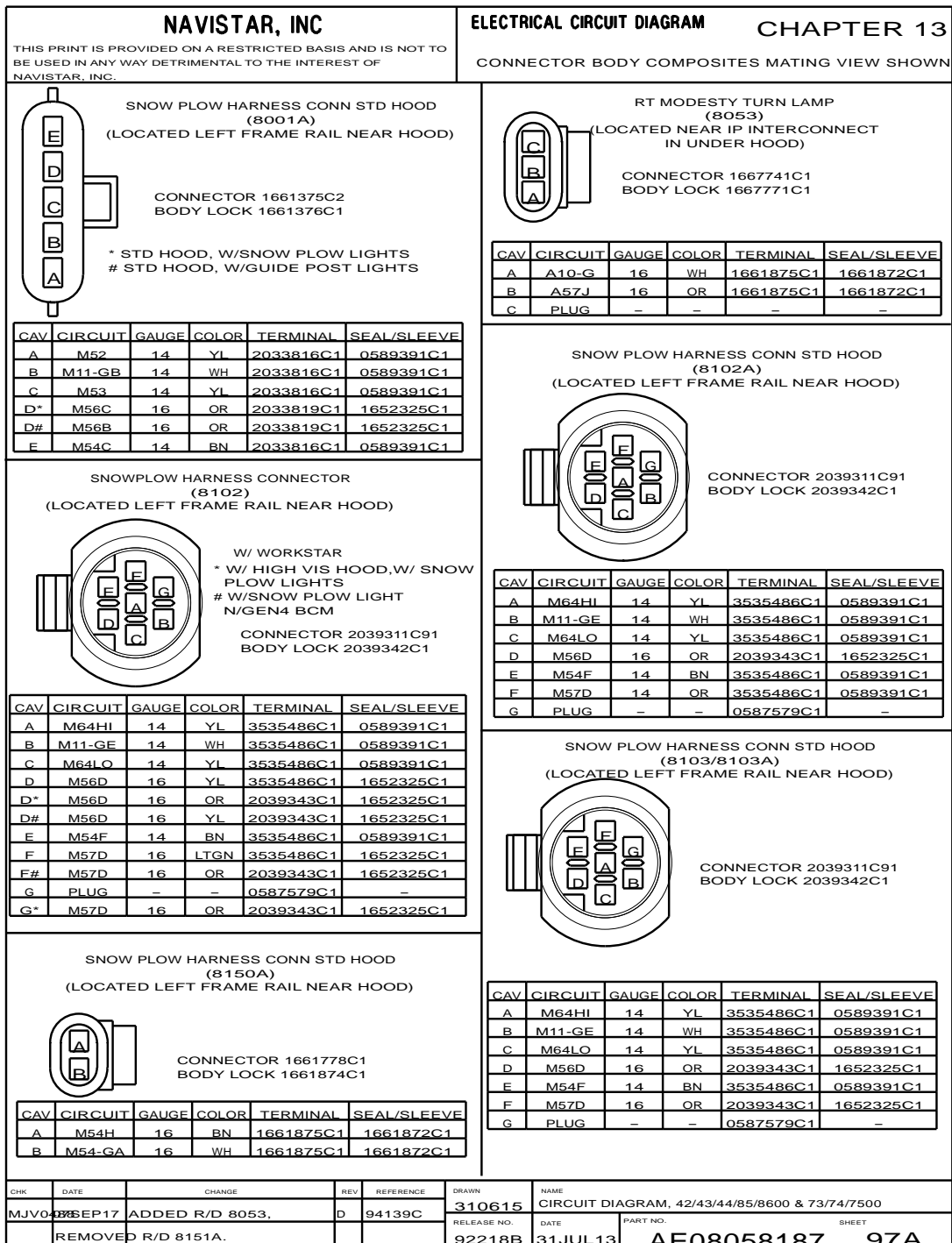


Figure 910 Connector Composites (8001A), (8102A), (8102), (8103), (8103A), (8150A), (8151A)



13.235. CONNECTOR COMPOSITES (8103), (8150), (8151), P. 98

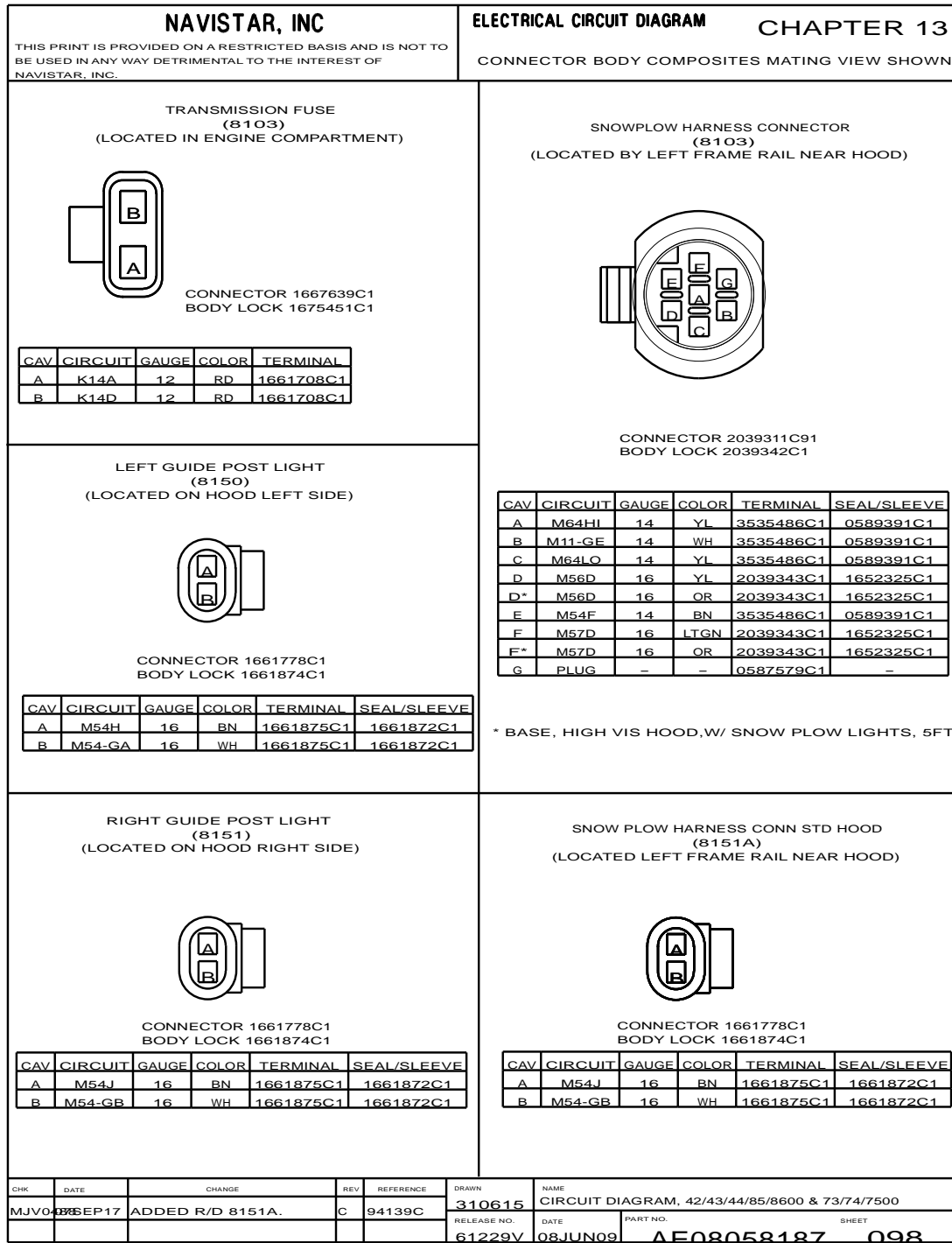


Figure 911 Connector Composites (8103), (8150), (8151)

13.236. CONNECTOR COMPOSITES (8200), (8200X), (8201), (8201X), P. 99

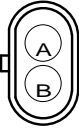
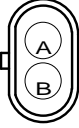
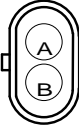
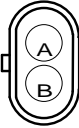
<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>				<b>CHAPTER 13</b>																											
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																															
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W/ WORKSTAR																																			
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																													
0488	25JUN14	ADDED WORKSTAR IN	E	92603H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																													
OPTION	OF R/D 8201.				RELEASE NO.	DATE	PART NO.	SHEET																											
					61229V	08JUN09	AE08058187	099																											

Figure 912 Connector Composites (8200), (8200X), (8201), (8201X)

13.237. CONNECTOR COMPOSITES (8301), (8301A), (8303), (8410), (8500), P. 99A

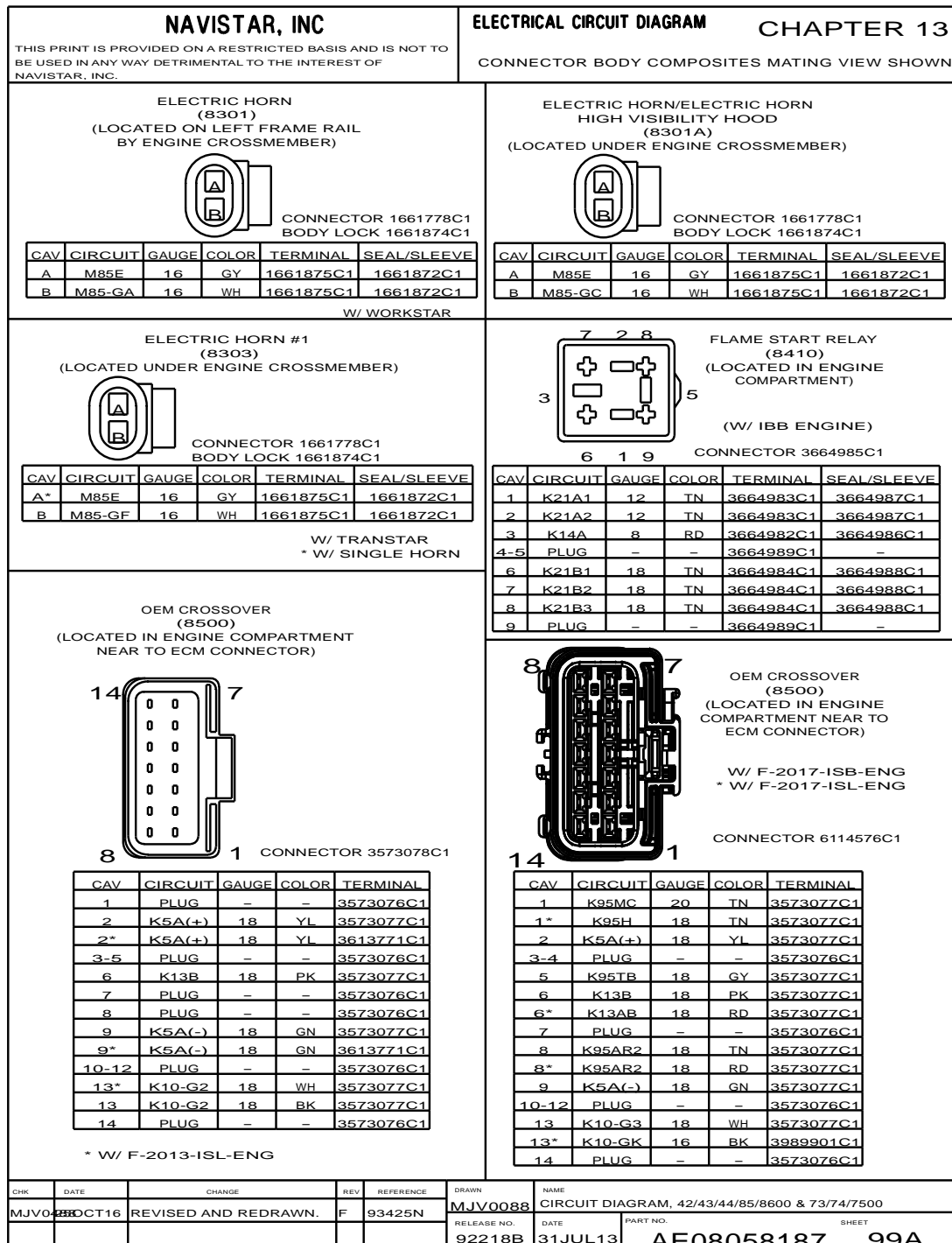


Figure 913 Connector Composites (8301), (8301A), (8303), (8410), (8500)

13.238. CONNECTOR COMPOSITES (8500), (8501), (8502), (8502A), (8502B), (8503), P. 100

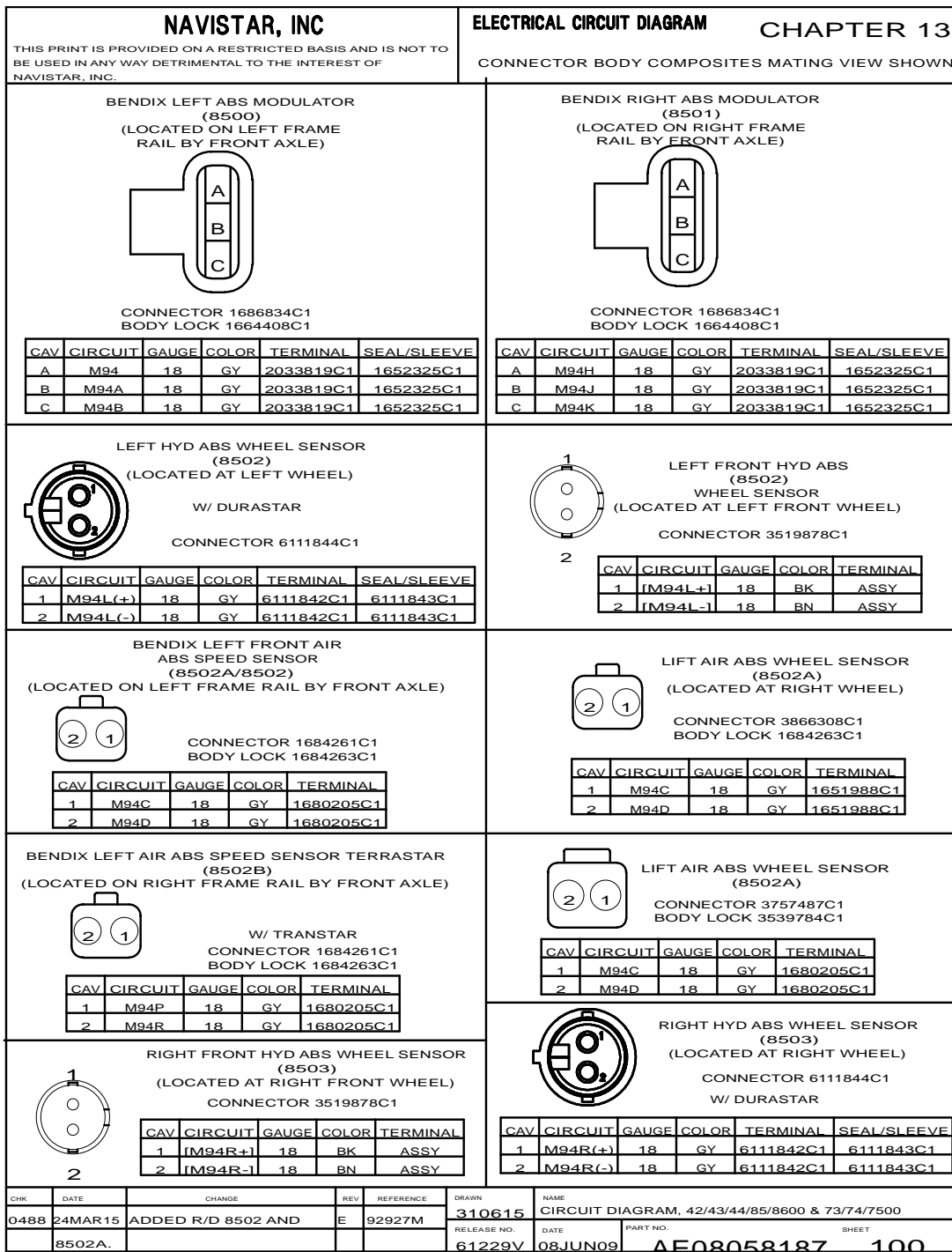


Figure 914 Connector Composites (8500), (8501), (8502), (8502A), (8502B), (8503)

13.239. CONNECTOR COMPOSITES (8503A), (8503B), (8503C), (8505), (8506), (8506A), (8507), P. 101

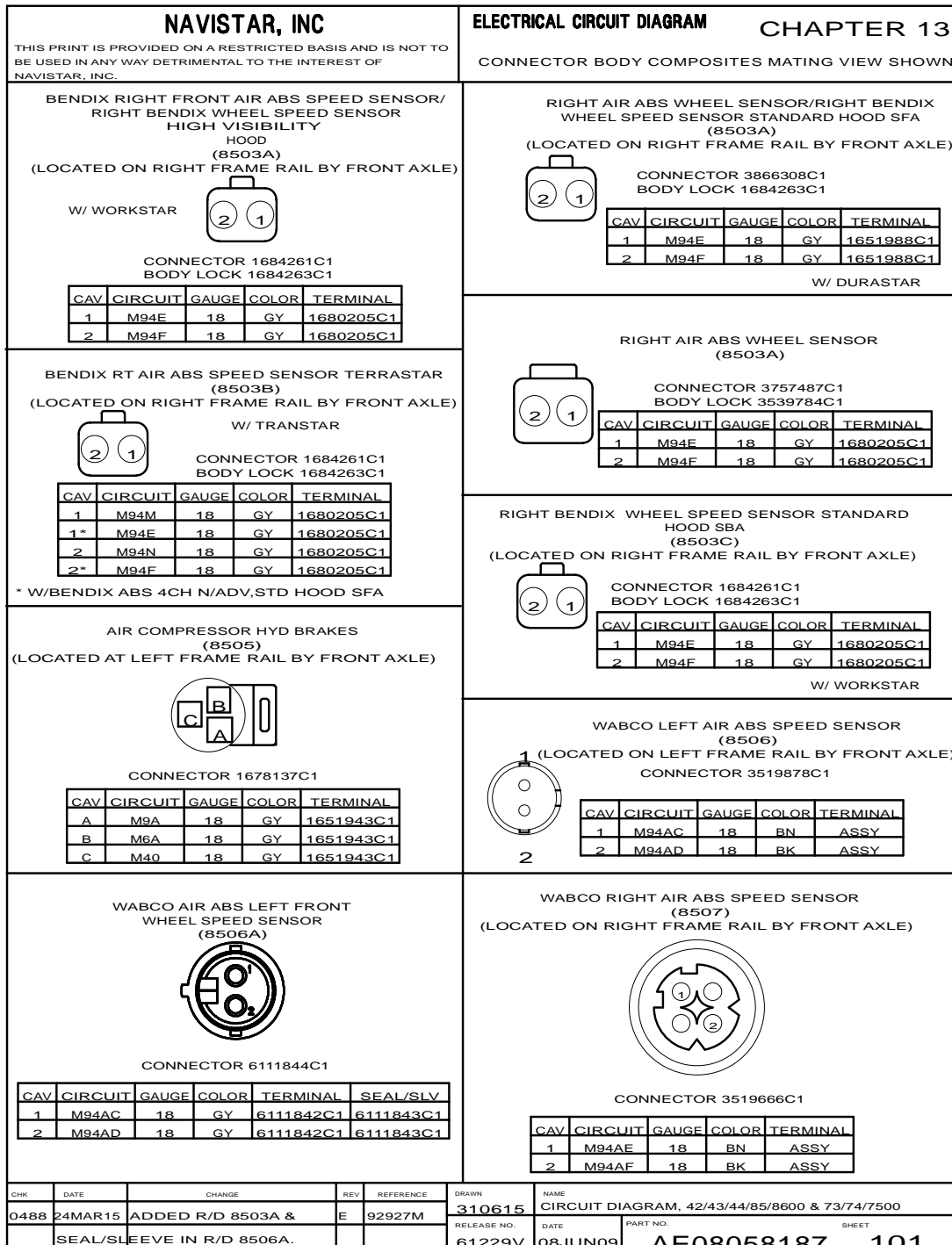


Figure 915 Connector Composites (8503A), (8503B), (8503C), (8505), (8506), (8506A), (8507)

13.240. CONNECTOR COMPOSITES (8507A), (8507B), (8507C), (8508), (8508A), (8509), (8509A), P. 102




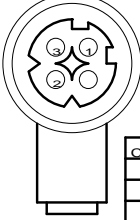
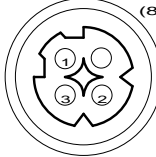
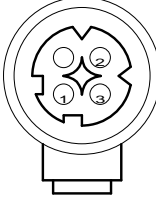
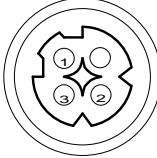
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CONNECTOR 6111844C1						CONNECTOR 6111844C1																																																					
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CONNECTOR 3919376C1						CONNECTOR 3554540C1																																																					
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IIN R/D 8507A.					61229V	08 JUN09	AE08058187		102																																																		

Figure 916 Connector Composites (8507A), (8507B), (8507C), (8508), (8508A), (8509), (8509A)

13.241. CONNECTOR COMPOSITES (8520), (8600), (8600A), (8601), (8602), (8700 / 8700B / 8700C), (8700A), P. 103

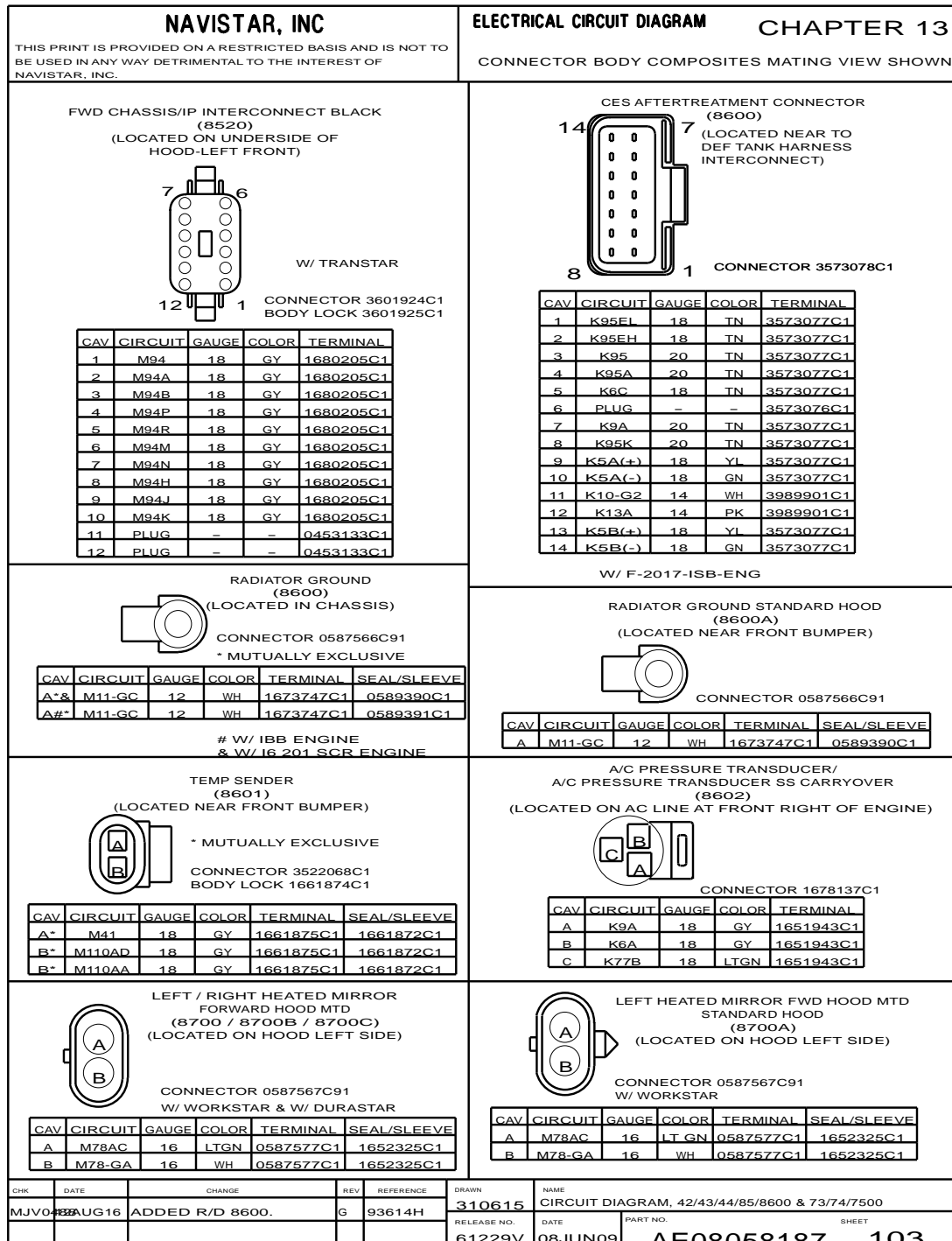


Figure 917 Connector Composites (8520), (8600), (8600A), (8601), (8602), (8700 / 8700B / 8700C), (8700A)

13.242. CONNECTOR COMPOSITES (8701), (8701A), (8702A), P. 104

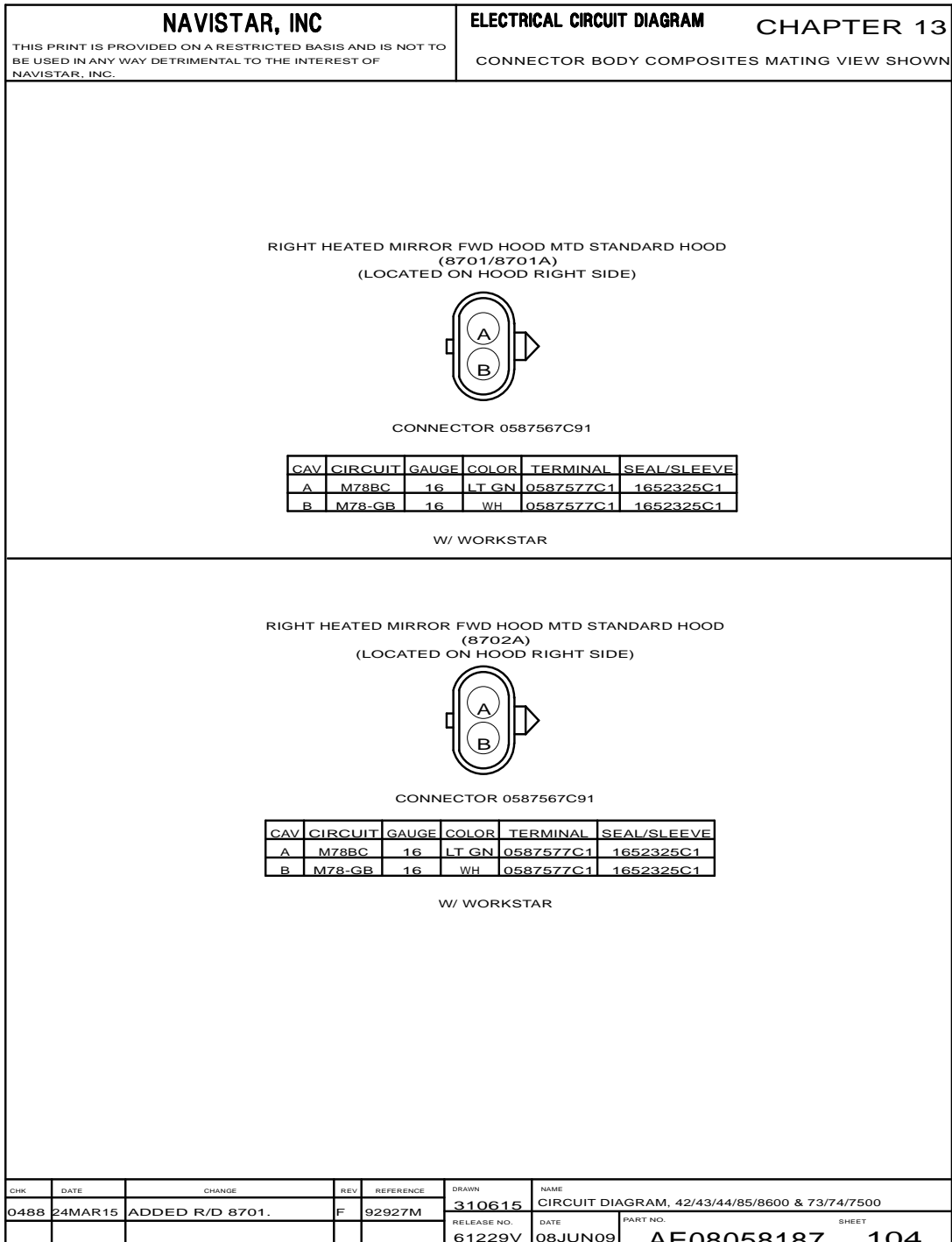


Figure 918 Connector Composites (8701), (8701A), (8702A)



13.243. CONNECTOR COMPOSITES (8701),(8702), (8750), (8800), (8802), (8803), P. 105

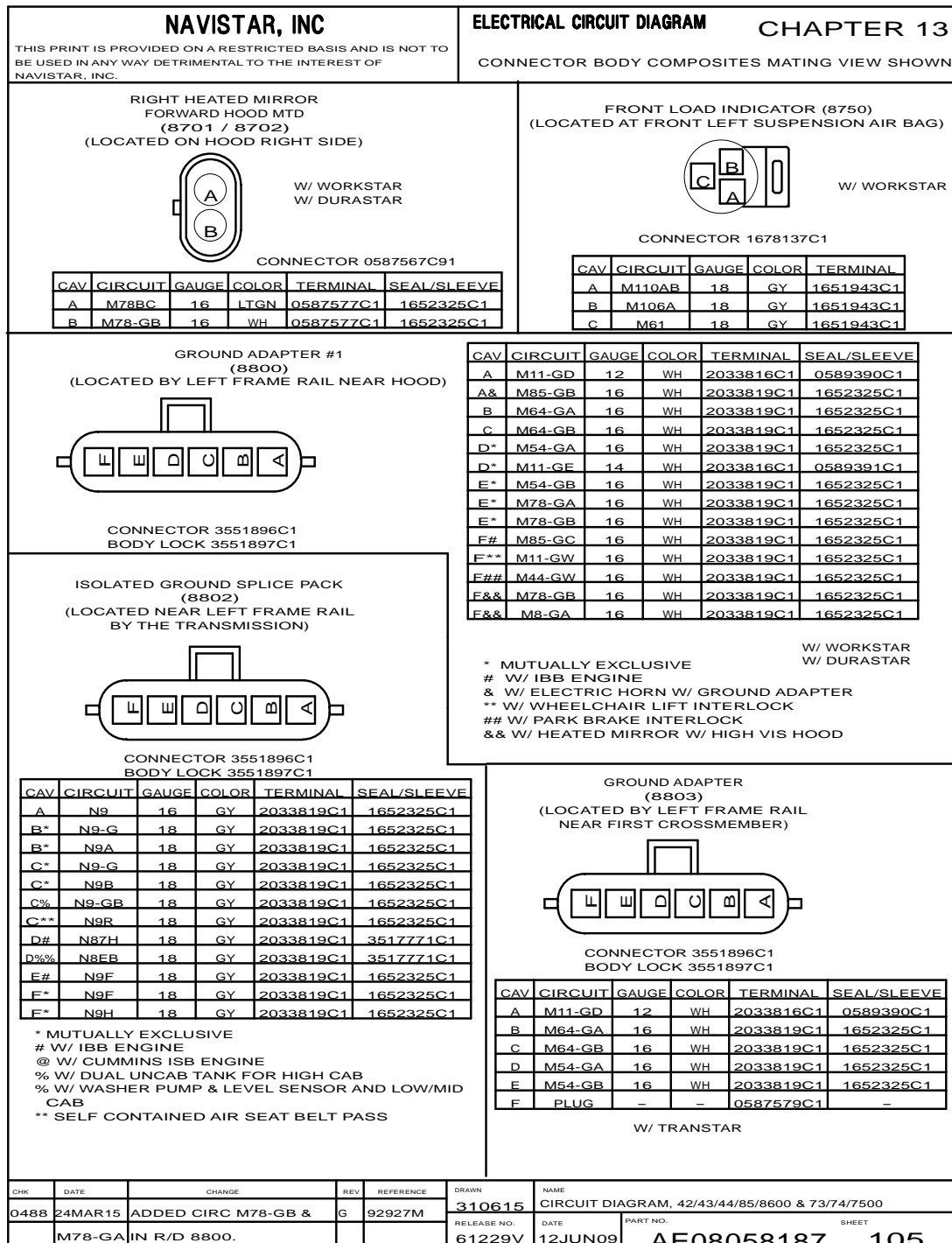


Figure 919 Connector Composites (8701),(8702), (8750), (8800), (8802), (8803)

13.244. CONNECTOR COMPOSITES (8804), (8805), (8805A), (8806), P. 106


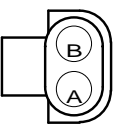
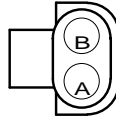
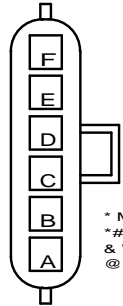
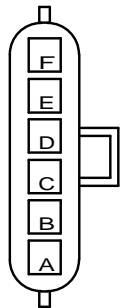
<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>				<b>CHAPTER 13</b>																																																																																																																																																															
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.								CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																																																																																																																															
<p style="text-align: center;">TEMP SENDER (8804) (LOCATED NEAR FRONT BUMPER)</p> <p style="text-align: center;">W/ TRANSTAR</p>  <p style="text-align: center;">CONNECTOR 3518182C1 BODY LOCK 3518184C1</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M41</td> <td>16</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>2</td> <td>M110AD</td> <td>16</td> <td>GY</td> <td>3518963C1</td> </tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	M41	16	TN	3518963C1	2	M110AD	16	GY	3518963C1	<p style="text-align: center;">HOOD SWITCH (8805) (LOCATED ON HOOD LEFT SIDE)</p> <p style="text-align: center;">W/ WORKSTAR &amp; W/ DURASTAR</p>  <p style="text-align: center;">CONNECTOR 0587568C91</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M104CC</td> <td>18</td> <td>DKBL</td> <td>0587576C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M104CB</td> <td>18</td> <td>DKBL</td> <td>0587576C1</td> <td>1652325C1</td> </tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M104CC	18	DKBL	0587576C1	1652325C1	B	M104CB	18	DKBL	0587576C1	1652325C1																																																																																																																											
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<p style="text-align: center;">AIR SOLENOID GROUND SPLICE (8805) LOCATED NEAR LEFT FRAME RAIL BACK OF CAB)</p>  <p style="text-align: center;">* MUTUALLY EXCLUSIVE *# W/ IBB ENGINE &amp; W/ EV DISCONNECT SWITCH @ W/ FWS MOUNTING (RACOR)</p> <p style="text-align: center;">CONNECTOR 3551896C1 BODY LOCK 3551897C1</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>N59-G</td><td>12</td><td>WH</td><td>2033816C1</td><td>0589390C1</td></tr> <tr><td>B*#</td><td>N59A-G</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>B*#</td><td>N59-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B*</td><td>N99A-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>C*#</td><td>N59F-G</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>C*</td><td>N59X-G</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>D#</td><td>N59L-G</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>D&amp;</td><td>N12-GA</td><td>18</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>E*#</td><td>N59R-G</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>E*#</td><td>N59R-G</td><td>18</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>F*</td><td>N44-GB</td><td>18</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>F*</td><td>N19-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>F@</td><td>N19A-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>F@</td><td>N19B-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>F@</td><td>N19C-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>F@</td><td>N19D-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N59-G	12	WH	2033816C1	0589390C1	B*#	N59A-G	14	WH	2033816C1	0589391C1	B*#	N59-G	16	WH	2033819C1	1652325C1	B*	N99A-G	16	WH	2033819C1	1652325C1	C*#	N59F-G	14	WH	2033816C1	0589391C1	C*	N59X-G	14	WH	2033816C1	0589391C1	D#	N59L-G	14	WH	2033816C1	0589391C1	D&	N12-GA	18	WH	2033819C1	1652325C1	E*#	N59R-G	14	WH	2033816C1	0589391C1	E*#	N59R-G	18	WH	2033819C1	1652325C1	F*	N44-GB	18	WH	2033819C1	1652325C1	F*	N19-G	16	WH	2033819C1	1652325C1	F@	N19A-G	16	WH	2033819C1	1652325C1	F@	N19B-G	16	WH	2033819C1	1652325C1	F@	N19C-G	16	WH	2033819C1	1652325C1	F@	N19D-G	16	WH	2033819C1	1652325C1	<p style="text-align: center;">CHASSIS SOLENOID GROUND SPLICE (8806) (LOCATED NEAR LEFT FRAME RAIL BACK OF CAB)</p>  <p style="text-align: center;">CONNECTOR 3551896C1 BODY LOCK 3551897C1</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>N11-GC</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>B*</td><td>N42-G</td><td>18</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B*</td><td>N42-G</td><td>16</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>N59-GB</td><td>18</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>D*</td><td>N59-GD</td><td>18</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>D*</td><td>N47T-G</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>E</td><td>N59-GE</td><td>18</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>F</td><td>N59-GA</td><td>18</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table> <p style="text-align: center;">* MUTUALLY EXCLUSIVE</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N11-GC	14	WH	2033816C1	0589391C1	B*	N42-G	18	WH	2033819C1	1652325C1	B*	N42-G	16	GY	2033819C1	1652325C1	C	N59-GB	18	WH	2033819C1	1652325C1	D*	N59-GD	18	WH	2033819C1	1652325C1	D*	N47T-G	18	GY	2033819C1	1652325C1	E	N59-GE	18	WH	2033819C1	1652325C1	F	N59-GA	18	WH	2033819C1	1652325C1
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Figure 920 Connector Composites (8804), (8805), (8805A), (8806)

13.245. CONNECTOR COMPOSITES (8807), (8809), (8881), (8882), (8883), P. 107

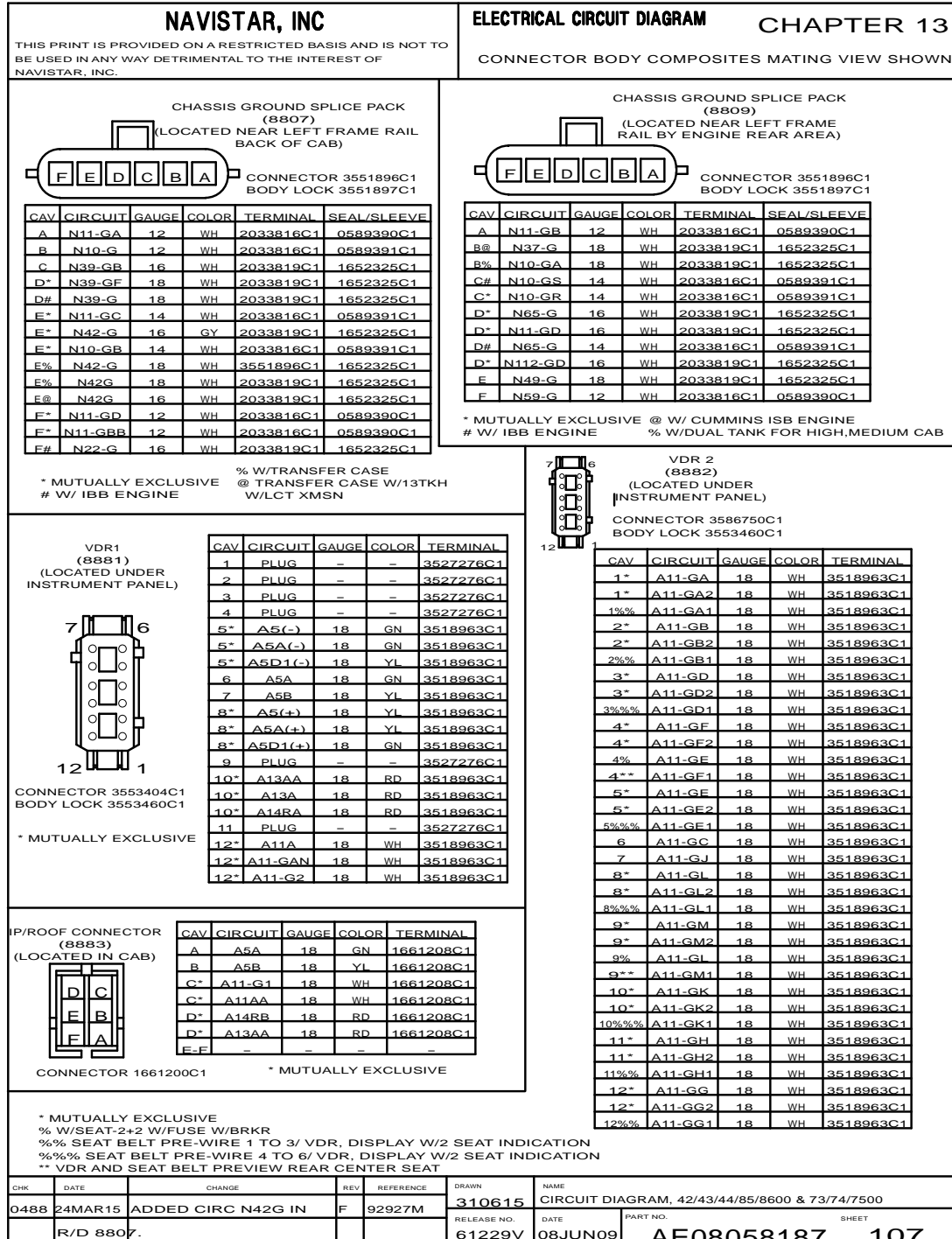


Figure 921 Connector Composites (8807), (8809), (8881), (8882), (8883)

13.246. CONNECTOR COMPOSITES (8883), (8884), P. 108

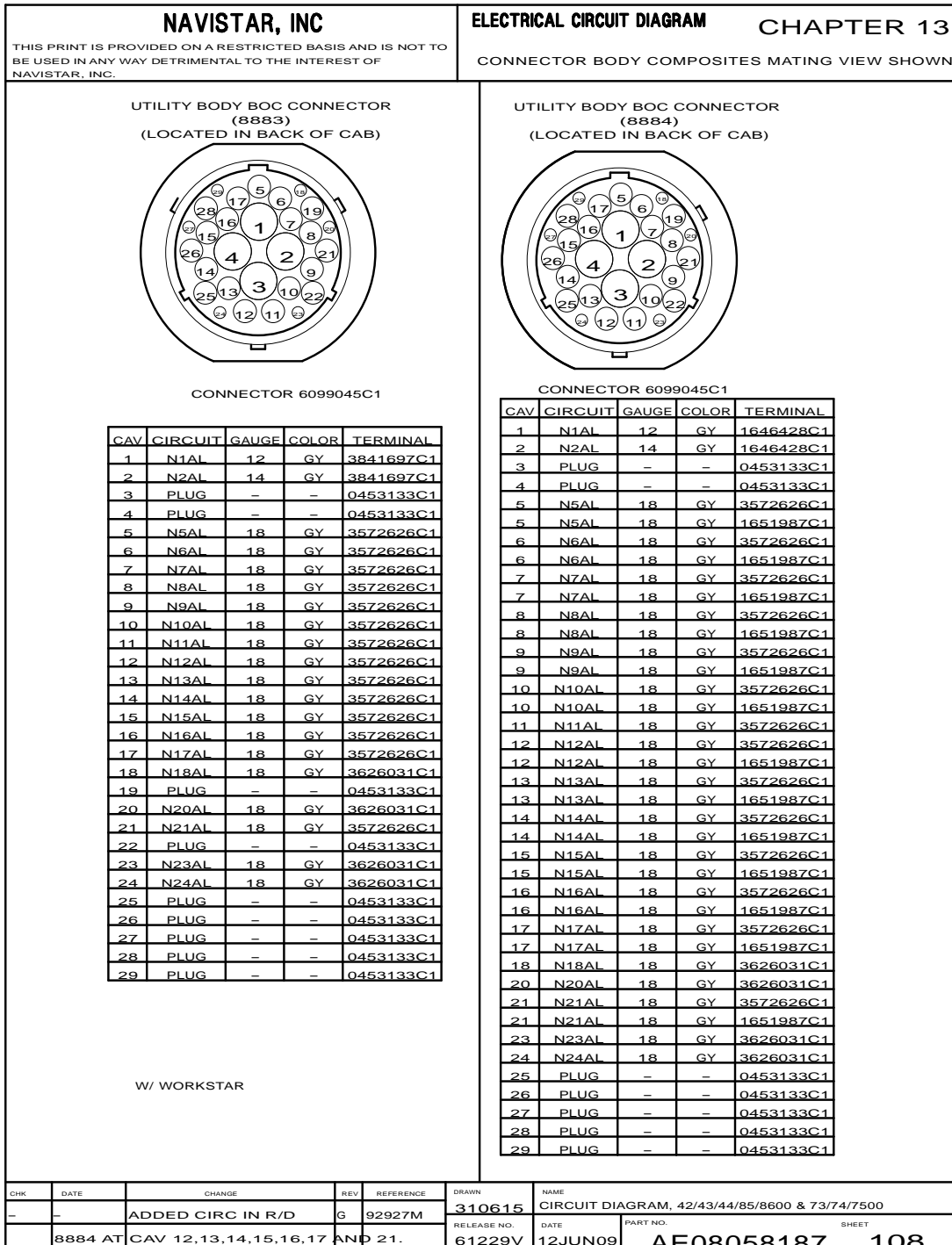


Figure 922 Connector Composites (8883), (8884)

13.247. CONNECTOR COMPOSITES (8884A), P. 109

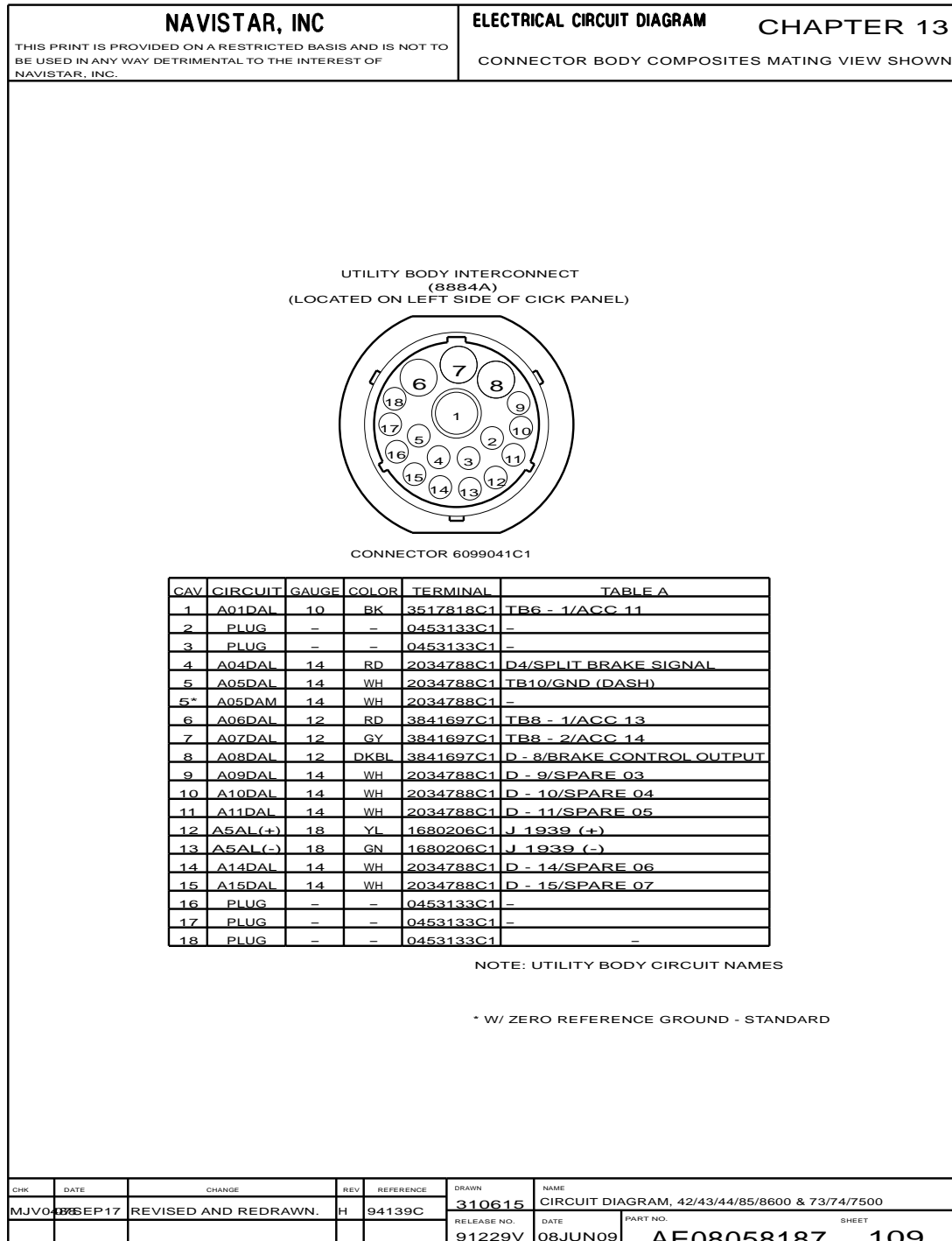


Figure 923 Connector Composites (8884A)



13.249. CONNECTOR COMPOSITES (8884C), P. 111

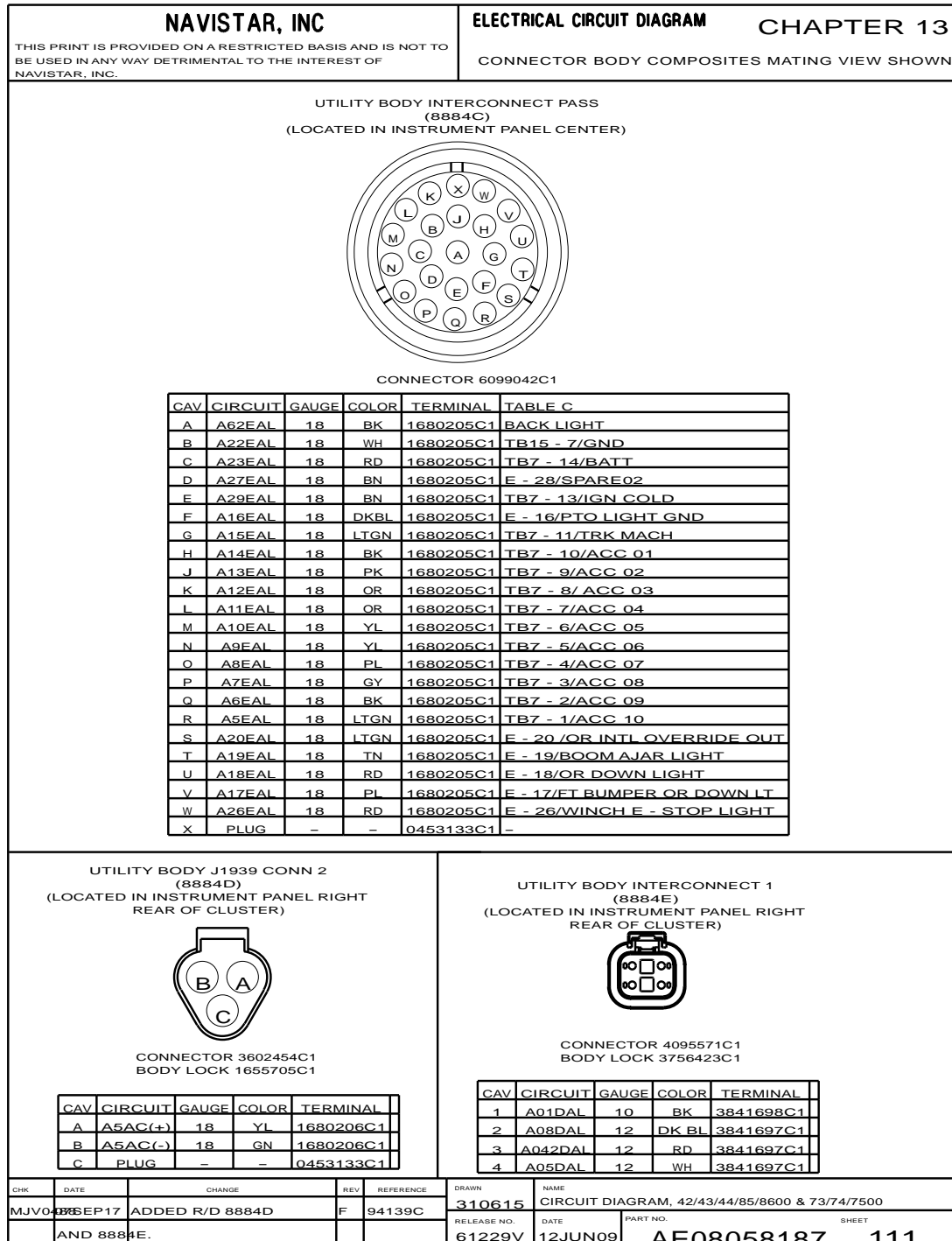


Figure 925 Connector Composites (8884C)

13.250. CONNECTOR COMPOSITES (8885), (8885A), (8887), (8888), P. 112

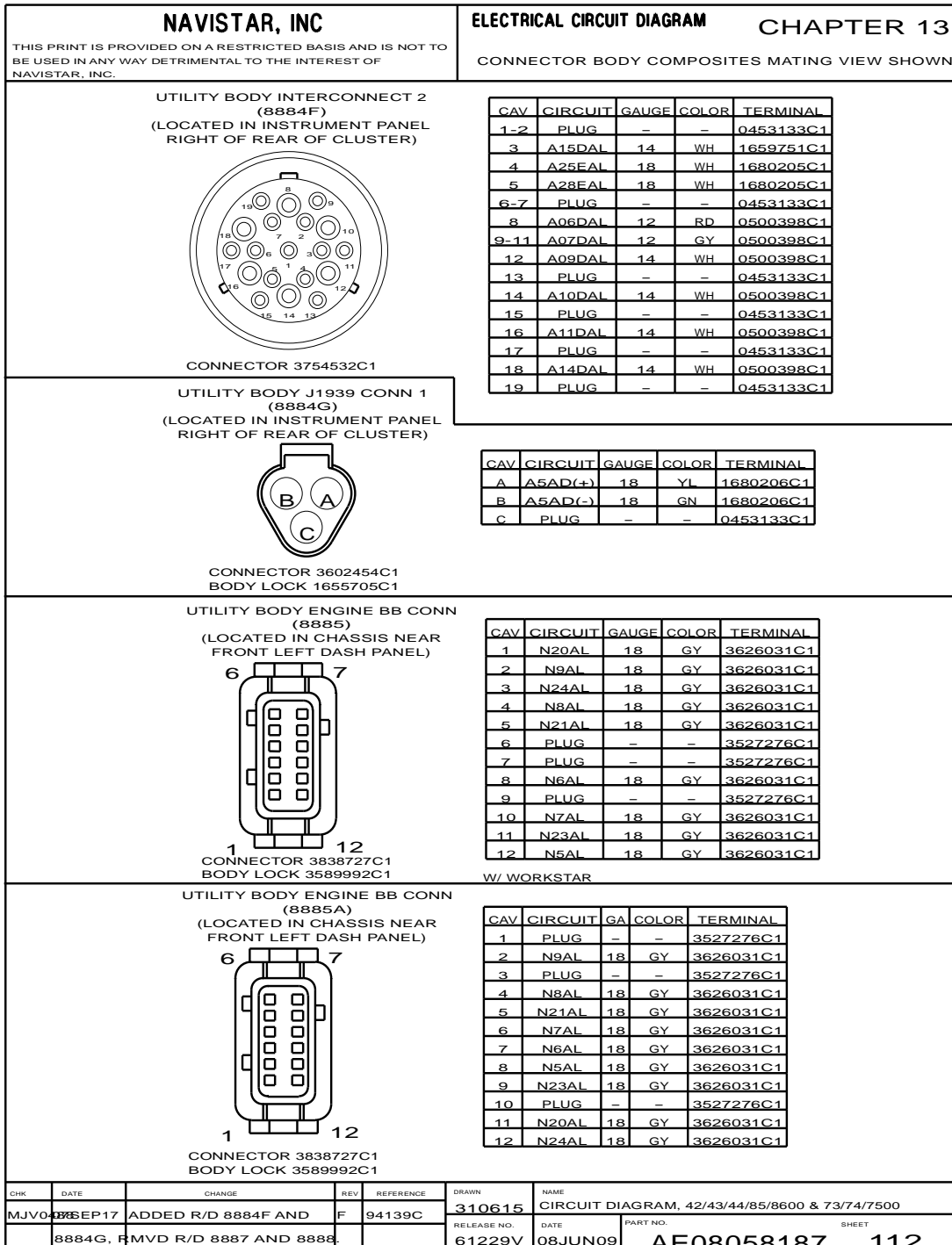


Figure 926 Connector Composites (8885), (8885A), (8887), (8888)



13.251. CONNECTOR COMPOSITES (8900), (8901M), (8903), P. 113

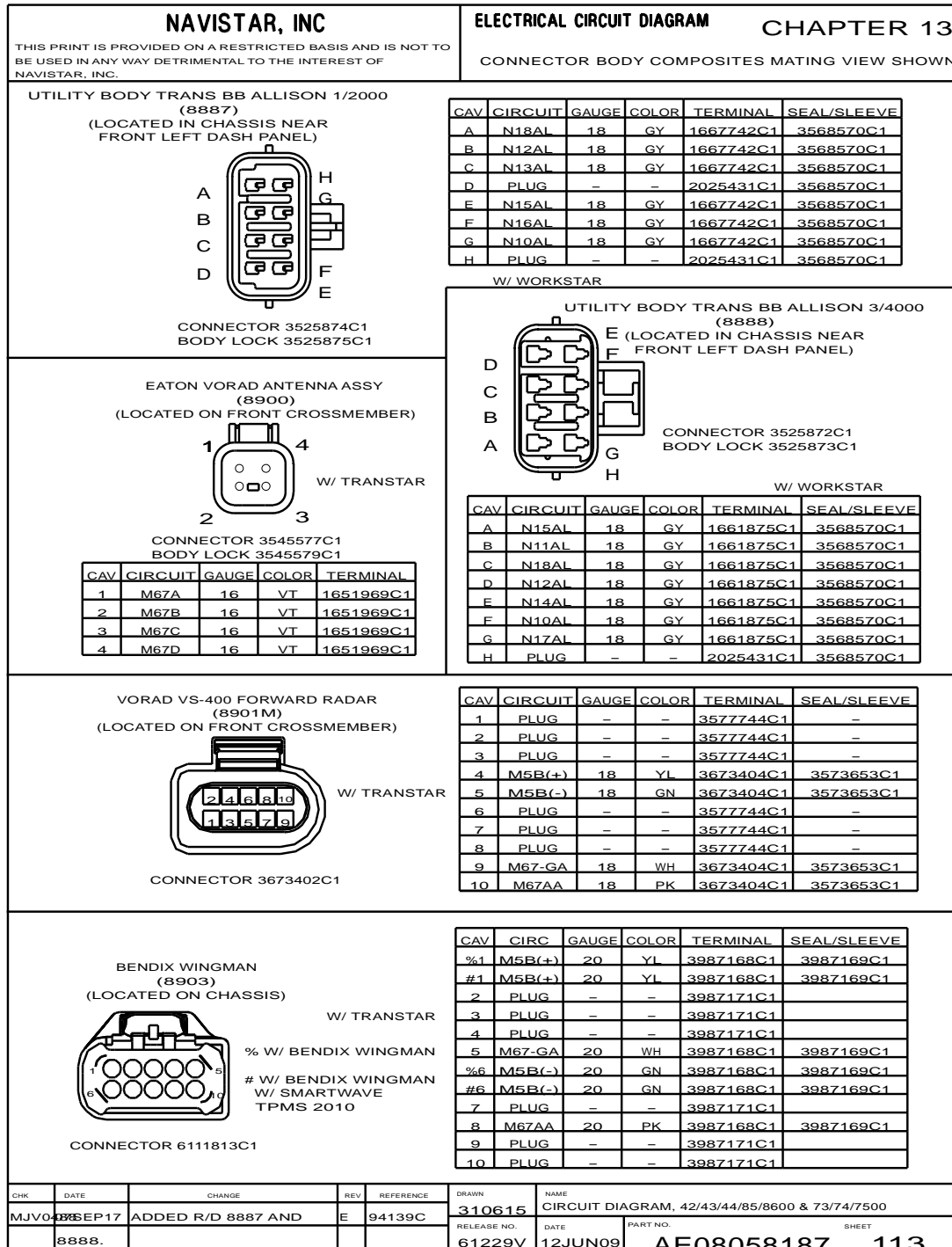


Figure 927 Connector Composites (8900), (8901M), (8903)

13.252. CONNECTOR COMPOSITES (8993F), (8995), (8996), P. 114

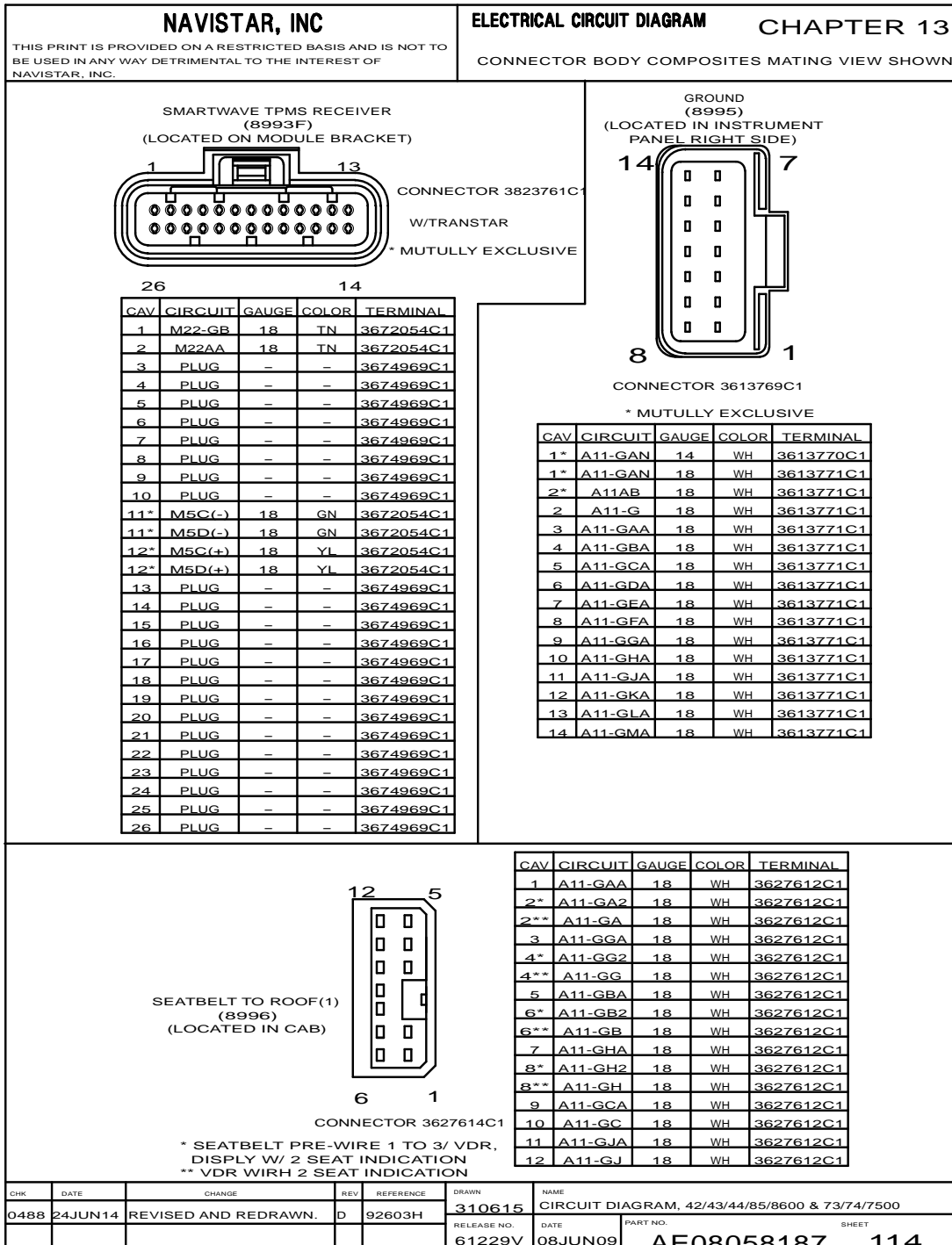


Figure 928 Connector Composites (8993F), (8995), (8996)

13.253. CONNECTOR COMPOSITES (8997), (8998), (8999), (9001), (9002), P. 115

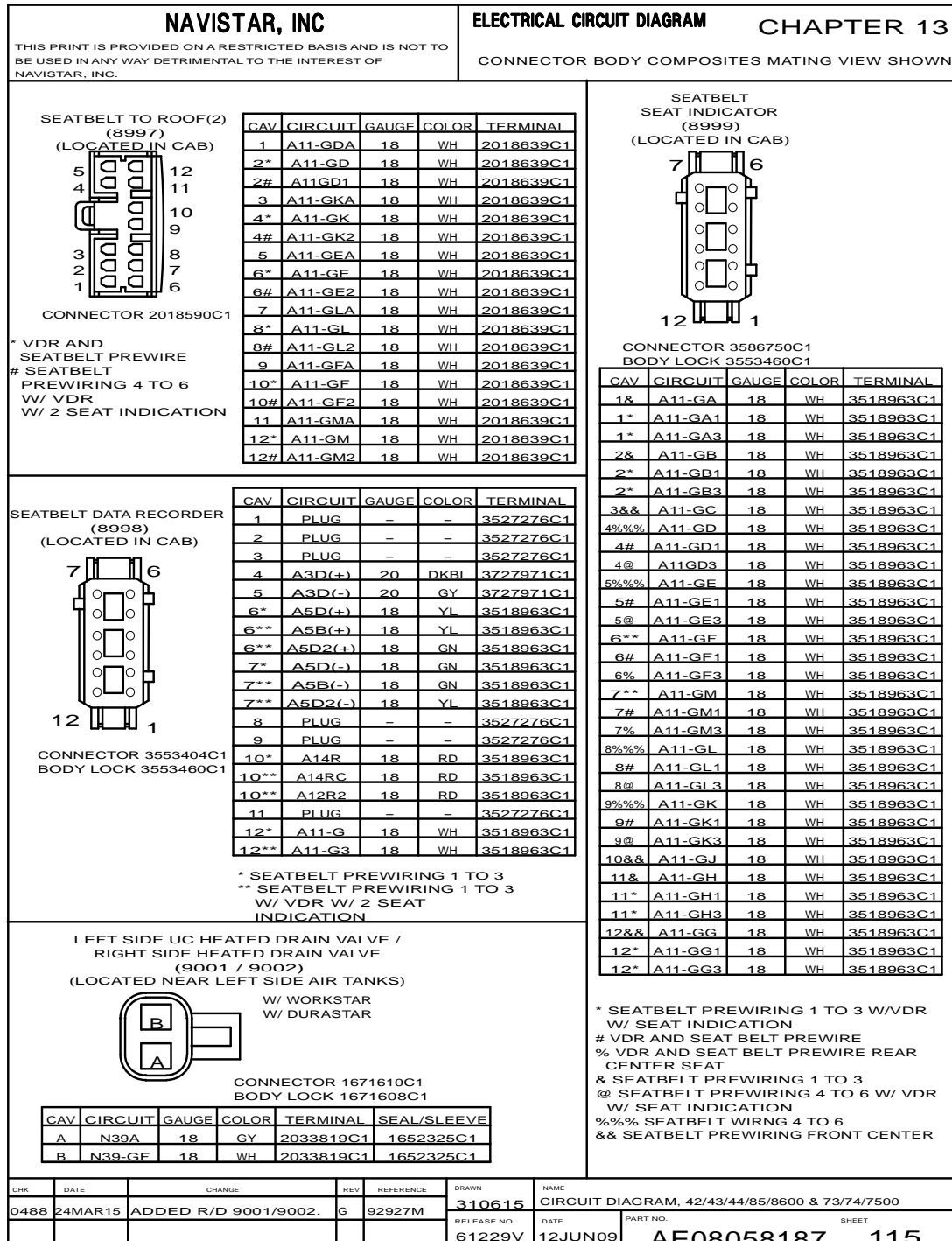


Figure 929 Connector Composites (8997), (8998), (8999), (9001), (9002)

13.254. CONNECTOR COMPOSITES (9001A), (9003), (9003K), (9003L), (9004), (9100), (9100A), P. 116

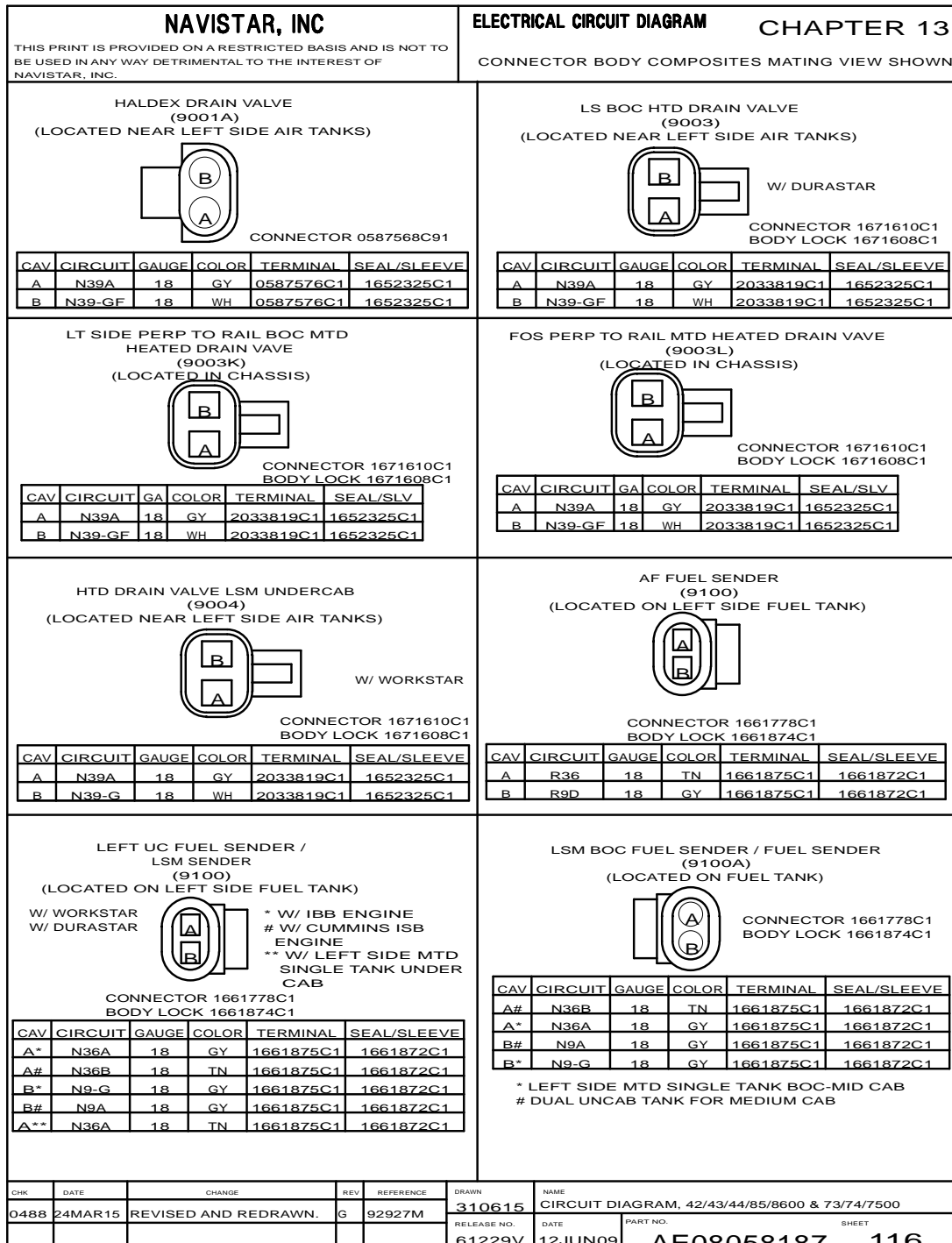


Figure 930 Connector Composites (9001A), (9003), (9003K), (9003L), (9004), (9100), (9100A)

13.255. CONNECTOR COMPOSITES (9100B), (9100C), (9101), (9101A), (9102A / 9102), (9102B), (9102C), (9102D / 9102W), (9102E), (9103 / 9102V / 9102X), (9103A), P. 117

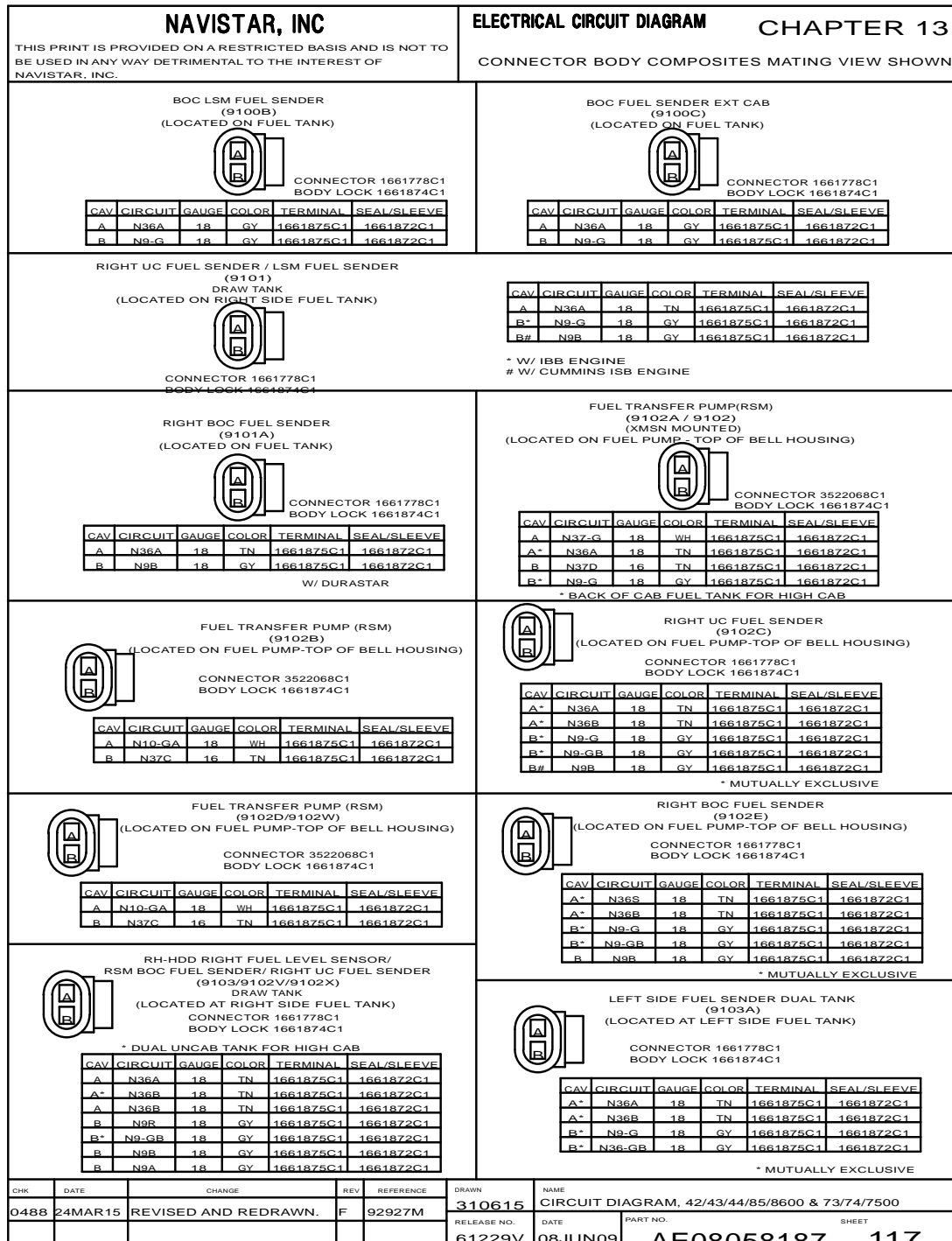


Figure 931 Connector Composites (9100B), (9100C), (9101), (9101A), (9102A / 9102), (9102B), (9102C), (9102D / 9102W), (9102E), (9103 / 9102V / 9102X), (9103A)

13.256. CONNECTOR COMPOSITES (9108A / 9108B), (9108C), (9108D), (9108E), (9108F), (9108G), (9108H), (9108J / 9108K / 9108L / 9108M / 9108N / 9108P), P. 118

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>				<b>CHAPTER 13</b>																																							
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<b>FUEL HEATER / FUEL HTR BOC LSM (9108A / 9108B)</b> (LOCATED ON LEFT FRAME RAIL BY FRONT AXLE)  CONNECTOR 0587567C91						<b>FUEL HTR BOC LSM (9108C)</b> (LOCATED NEAR END OF FRAME)  W/ WORKSTAR CONNECTOR 0587567C91																																									
<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>N19</td><td>16</td><td>GY</td><td>0587577C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>N19-G</td><td>16</td><td>WH</td><td>0587577C1</td><td>1652325C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N19	16	GY	0587577C1	1652325C1	B	N19-G	16	WH	0587577C1	1652325C1	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>N19</td><td>16</td><td>GY</td><td>0587577C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>N19-G</td><td>16</td><td>WH</td><td>0587577C1</td><td>1652325C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N19	16	GY	0587577C1	1652325C1	B	N19-G	16	WH	0587577C1	1652325C1
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<b>FUEL HTR BOC CAB (9108D)</b> (LOCATED ON RIGHT SIDE OF FUEL TANK)  CONNECTOR 0587567C91						<b>FUEL HTR BOC LSM (9108E)</b> (LOCATED ON LEFT REAR FRAME RAIL)  W/ WORKSTAR CONNECTOR 0587567C91																																									
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<b>FUEL HTR BOC LSM (9108F)</b> (LOCATED ON LEFT REAR FRAME RAIL)  CONNECTOR 0587567C91						<b>FWS EXT CAB O/S LEFT RAIL (9108G)</b> (LOCATED ON LEFT REAR FRAME RAIL)  W/ WORKSTAR CONNECTOR 0587567C91																																									
<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>N19</td><td>16</td><td>GY</td><td>0587577C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>N19-G</td><td>16</td><td>WH</td><td>0587577C1</td><td>1652325C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N19	16	GY	0587577C1	1652325C1	B	N19-G	16	WH	0587577C1	1652325C1	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>N19</td><td>16</td><td>GY</td><td>0587577C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>N19-G</td><td>16</td><td>WH</td><td>0587577C1</td><td>1652325C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N19	16	GY	0587577C1	1652325C1	B	N19-G	16	WH	0587577C1	1652325C1
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B	N19-G	16	WH	0587577C1	1652325C1																																										
<b>DAVCO FUEL HTR VERT-VERT (9108H)</b> (LOCATED IN BACK OF CAB)  CONNECTOR 0587567C91						<b>DAVCO FUEL HTR 8" BOC/DAVCO FUEL HTR 15" BOC/DAVCO FUEL HTR 24" BOC/DAVCO FUEL HTR 34" BOC/DAVCO FUEL HTR 41" BOC/DAVCO FUEL HTR 66" BOC (9108J/9108K/9108L/9108M/9108N/9108P)</b> (LOCATED IN BACK OF CAB)  CONNECTOR 0587567C91																																									
<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>N19</td><td>16</td><td>GY</td><td>0587577C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>N19-G</td><td>16</td><td>WH</td><td>0587577C1</td><td>1652325C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N19	16	GY	0587577C1	1652325C1	B	N19-G	16	WH	0587577C1	1652325C1	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>N19</td><td>16</td><td>GY</td><td>0587577C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>N19-G</td><td>16</td><td>WH</td><td>0587577C1</td><td>1652325C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N19	16	GY	0587577C1	1652325C1	B	N19-G	16	WH	0587577C1	1652325C1
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CHK	DATE	CHANGE		REV	REFERENCE	DRAWN	NAME																																								
MJV0422	AUG16	REVISED AND REDRAWN.		G	93614H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																								
						RELEASE NO.	DATE	PART NO.		SHEET																																					
						61229V	08 JUN09	AE08058187		118																																					

Figure 932 Connector Composites (9108A / 9108B), (9108C), (9108D), (9108E), (9108F), (9108G), (9108H), (9108J / 9108K / 9108L / 9108M / 9108N / 9108P)

13.257. CONNECTOR COMPOSITES (9109), (9120), (9120A), (9250), (9251), (9251A), P. 119

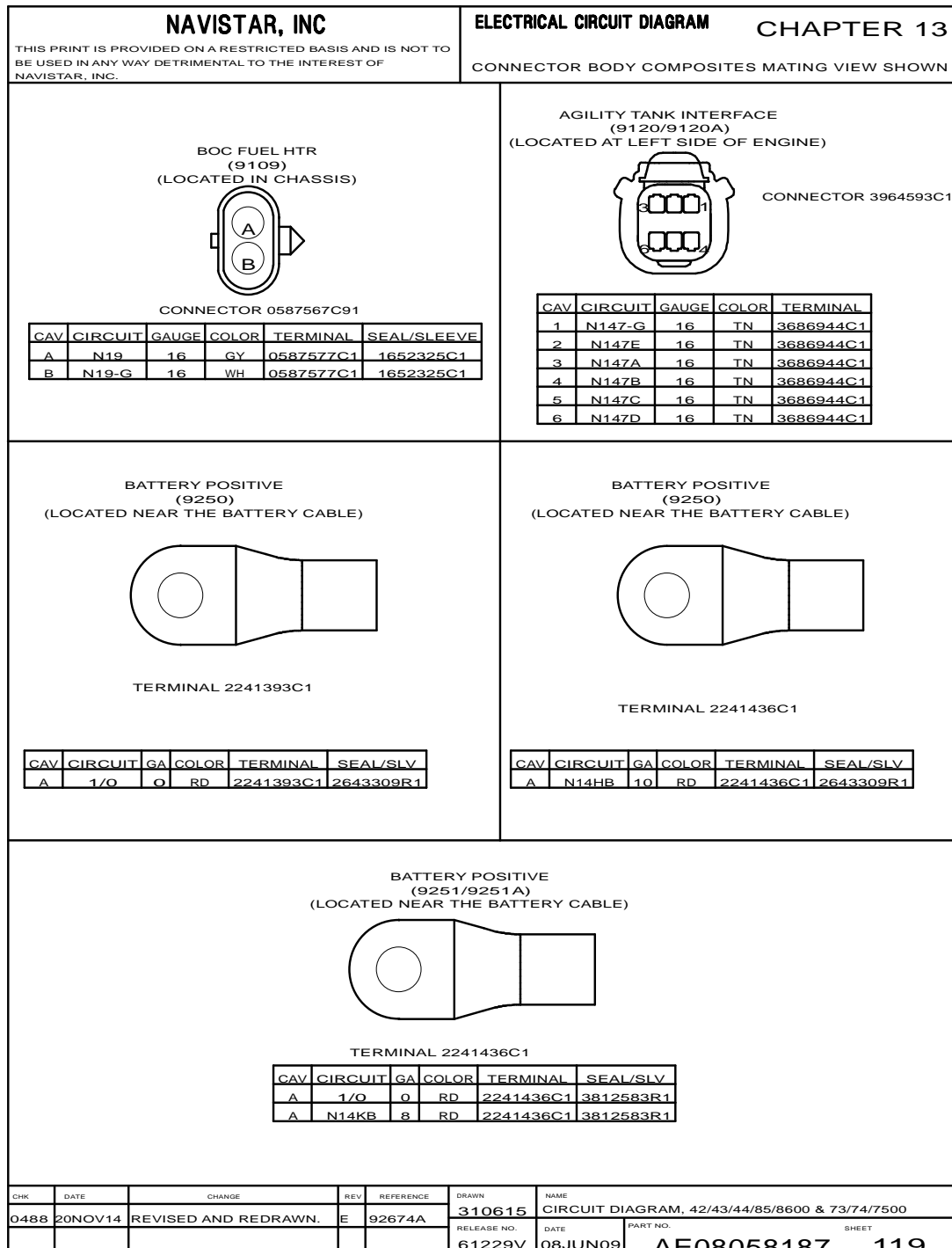


Figure 933 Connector Composites (9109), (9120), (9120A), (9250), (9251), (9251A)

13.258. CONNECTOR COMPOSITES (9260), (9261), (9262F), (9263F), (9263M), (9264F), P. 120

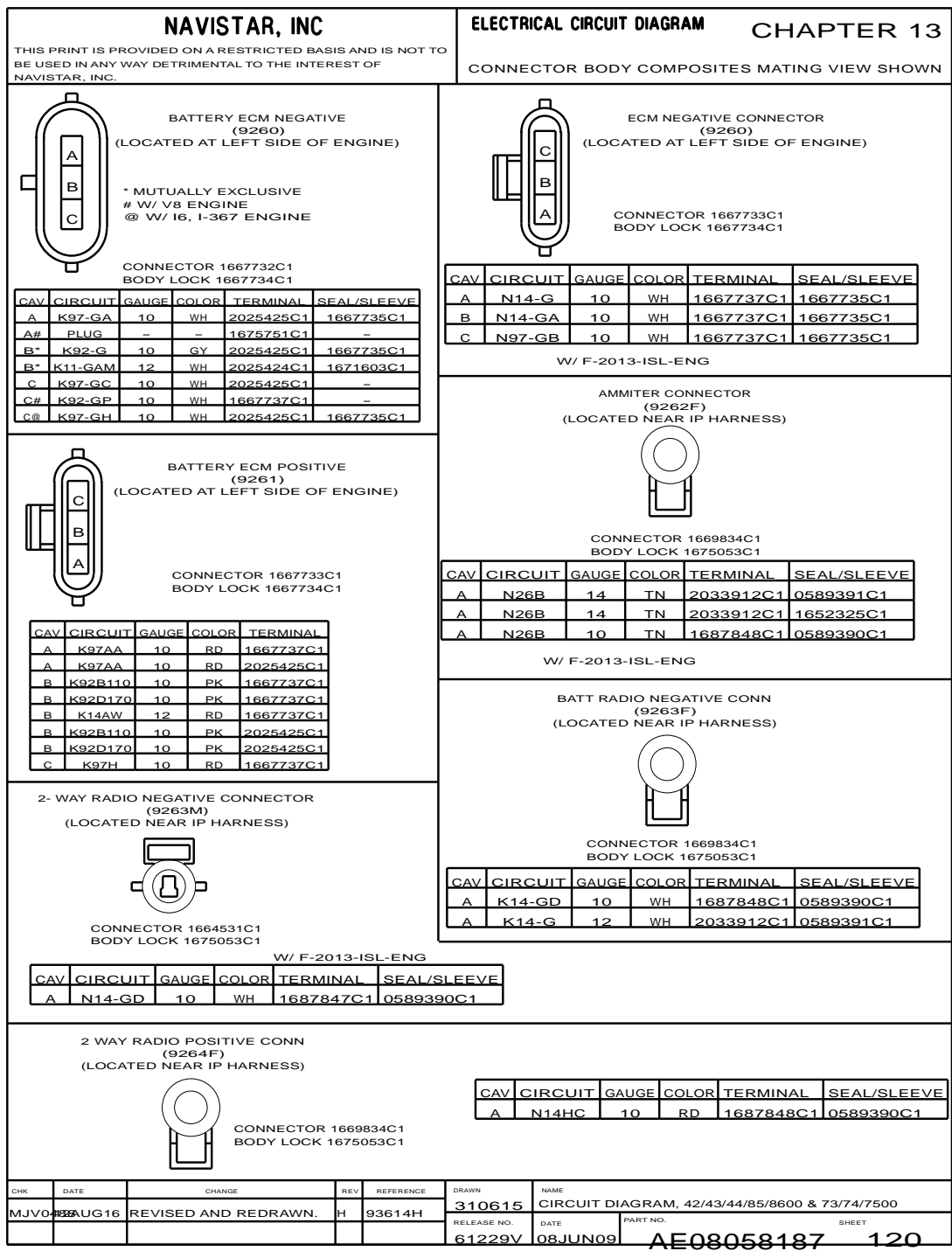


Figure 934 Connector Composites (9260), (9261), (9262F), (9263F), (9263M), (9264F)



13.259. CONNECTOR COMPOSITES (9264M), (\*9264M), (9265), (9266), (9269), (9270), (9280), P. 121

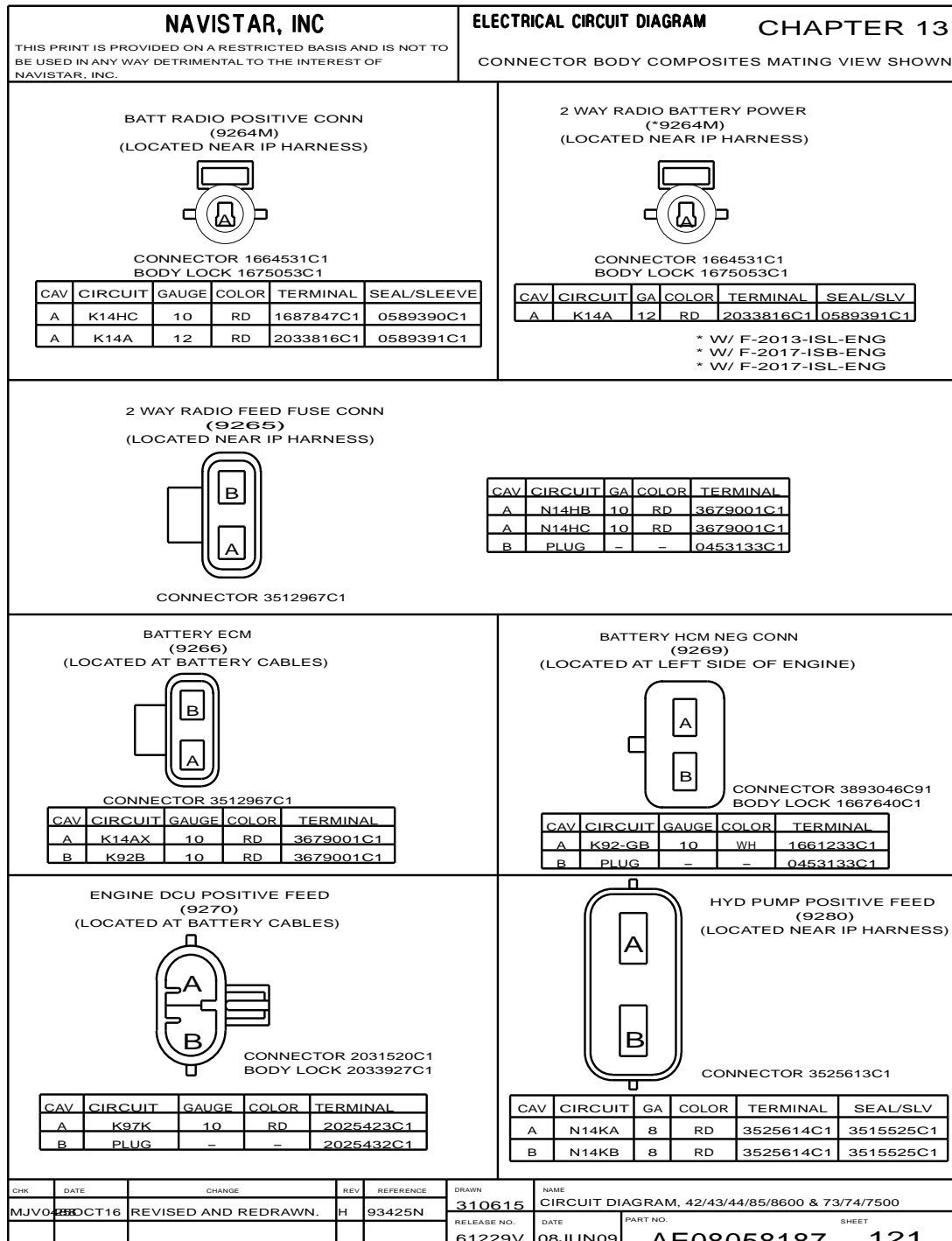


Figure 935 Connector Composites (9264M), (\*9264M), (9265), (9266), (9269), (9270), (9280)

13.260. CONNECTOR COMPOSITES (9300), P. 122

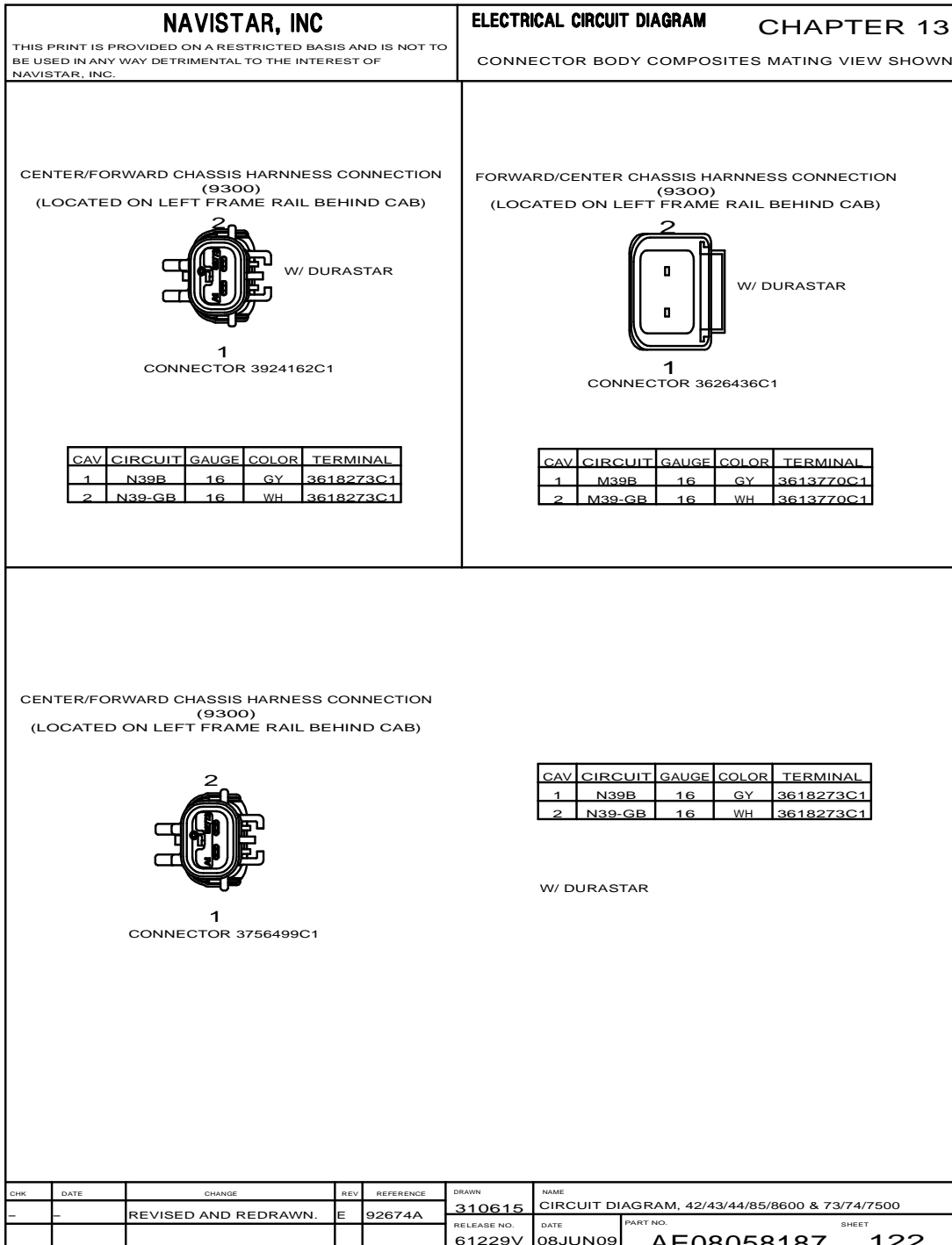


Figure 936 Connector Composites (9300)

13.261. CONNECTOR COMPOSITES (9300), P. 123

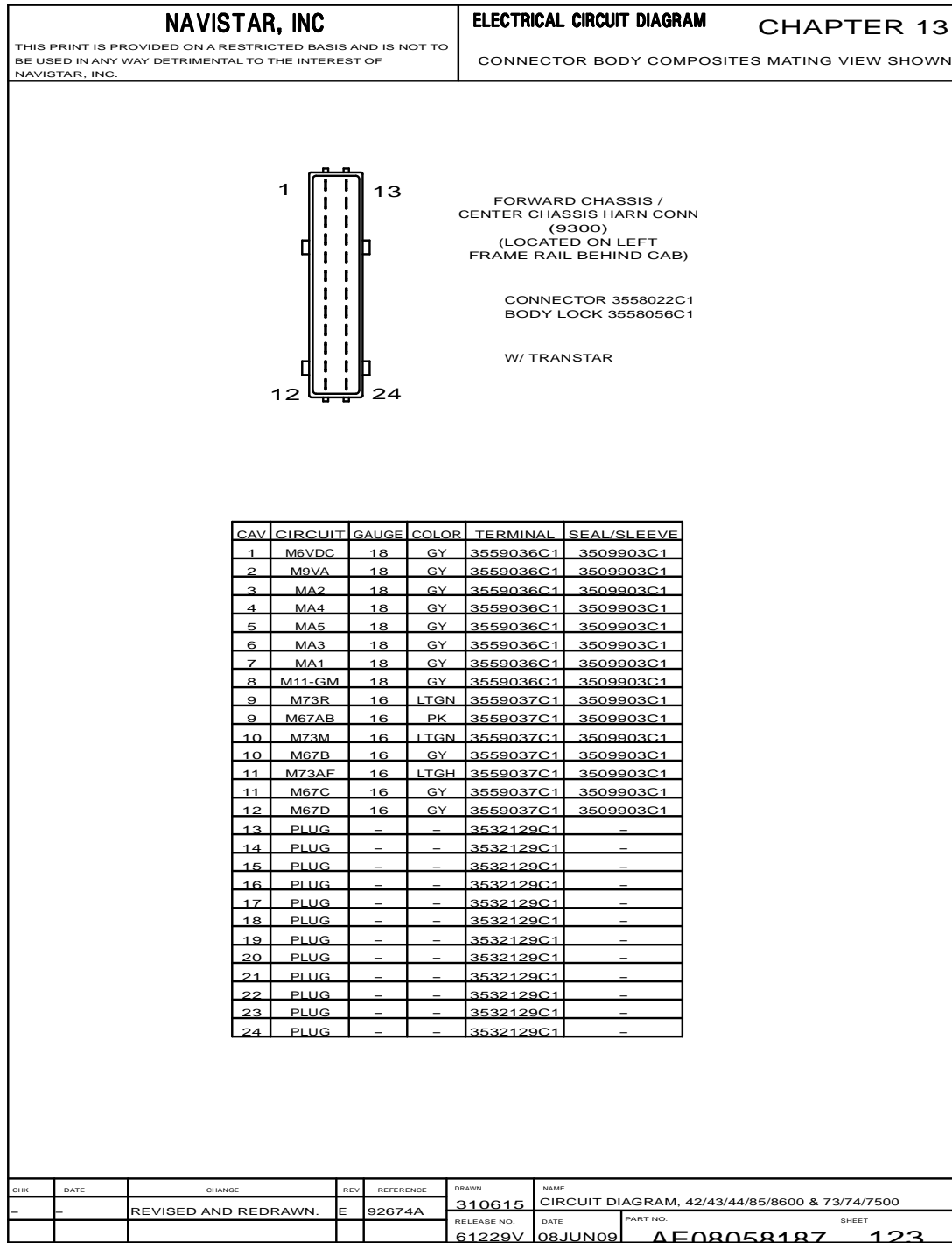


Figure 937 Connector Composites (9300)

13.262. CONNECTOR COMPOSITES (9300), P. 124

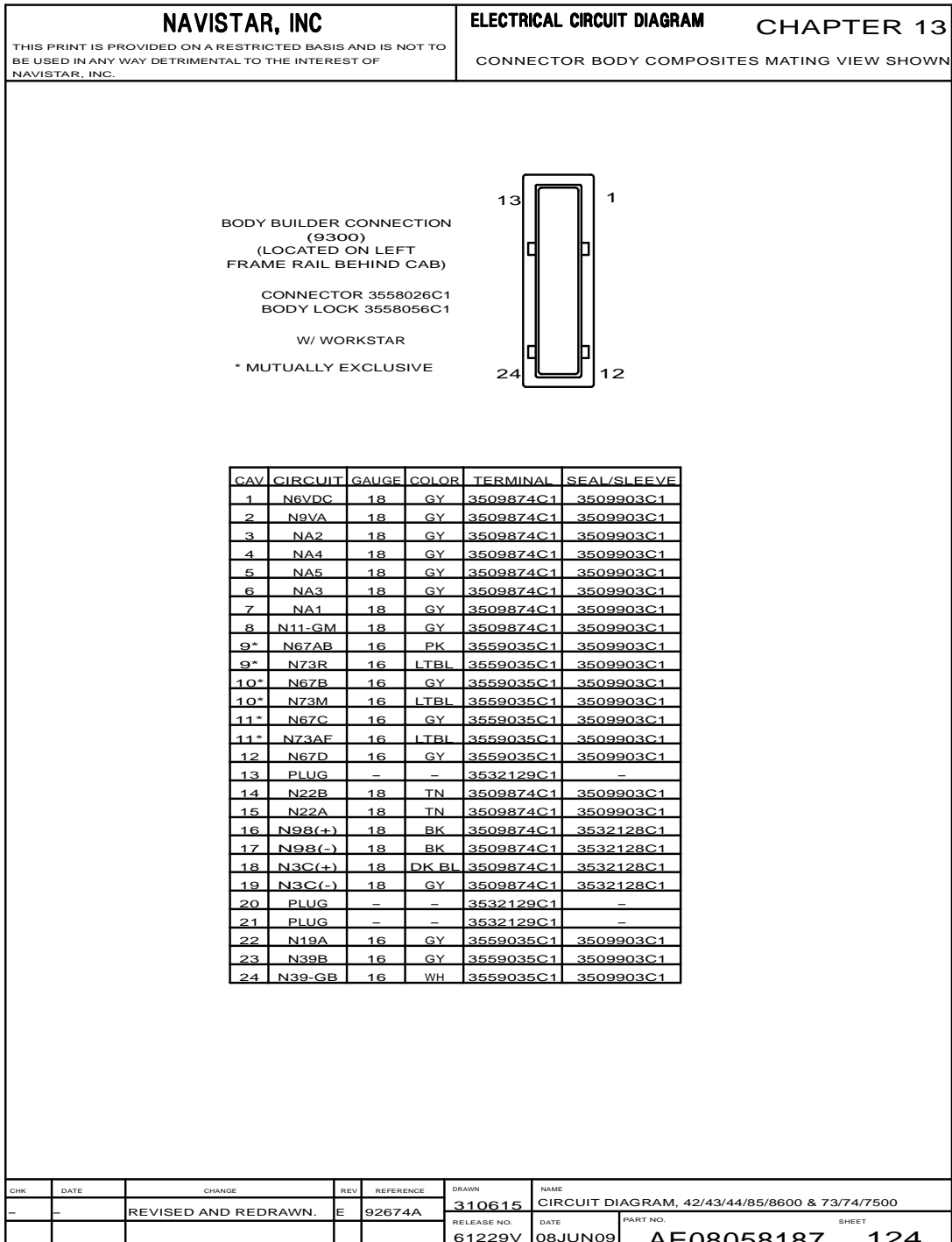


Figure 938 Connector Composites (9300)

13.263. CONNECTOR COMPOSITES (9301), (9303A), (9303D), P. 125

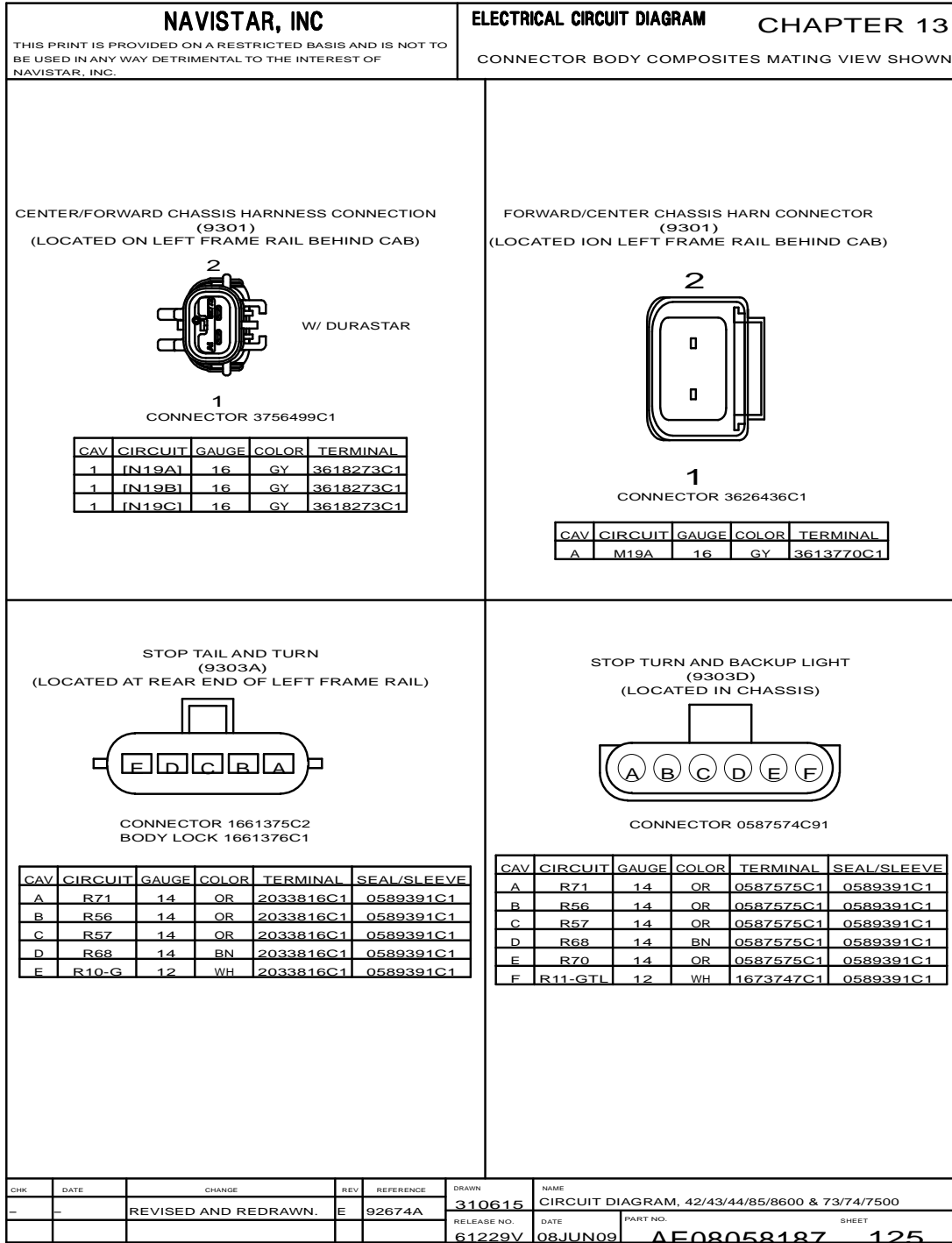


Figure 939 Connector Composites (9301), (9303A), (9303D)

13.264. CONNECTOR COMPOSITES (9310), (9311), (9315), (9316), (9357), P. 126

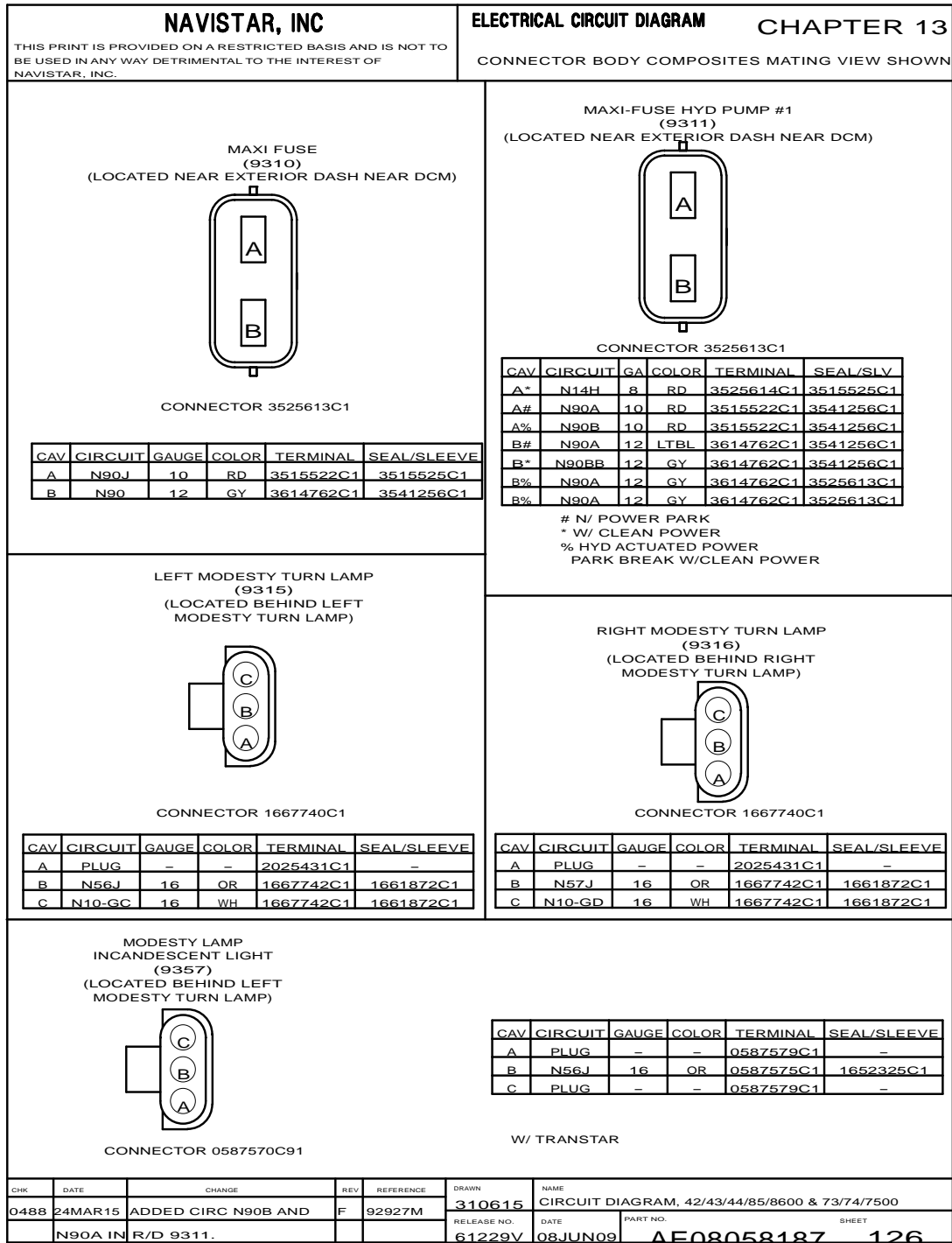


Figure 940 Connector Composites (9310), (9311), (9315), (9316), (9357)

13.265. CONNECTOR COMPOSITES (9501), (9501A), (9502), (9502A), P. 127

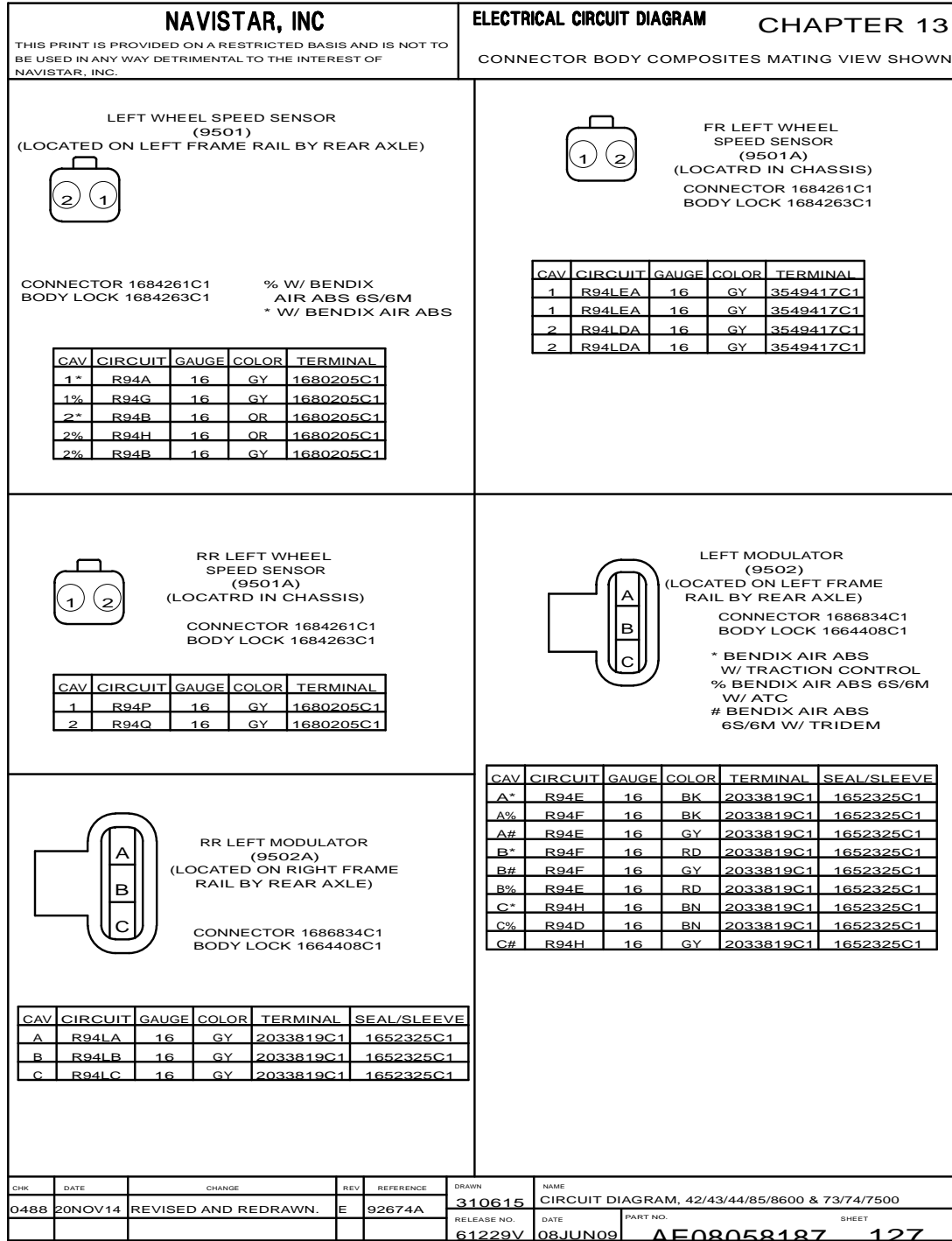


Figure 941 Connector Composites (9501), (9501A), (9502), (9502A)

13.266. CONNECTOR COMPOSITES (9503), (9503A), (9504), P. 128

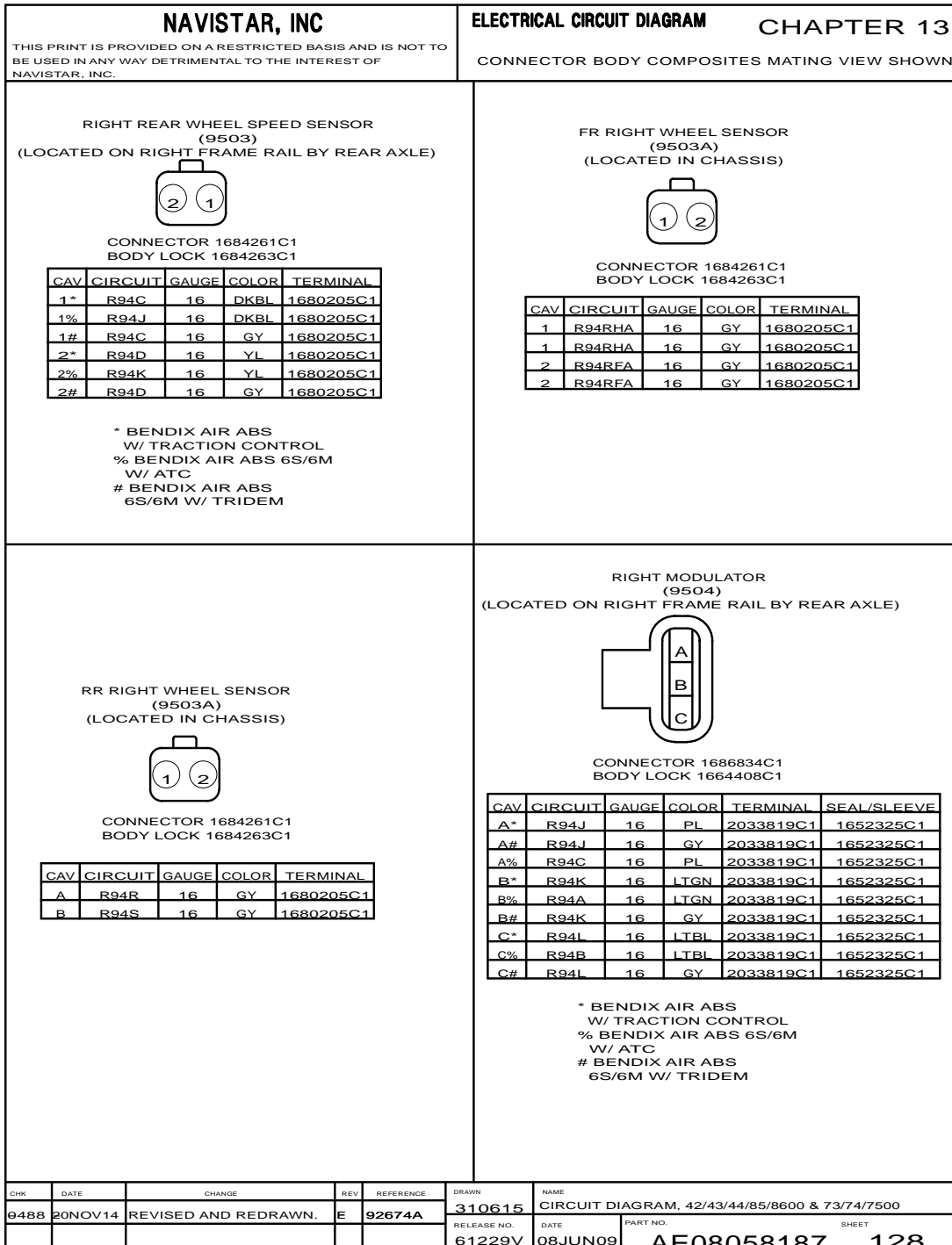


Figure 942 Connector Composites (9503), (9503A), (9504)



13.267. CONNECTOR COMPOSITES (9504A), (9505), (9506), P. 129

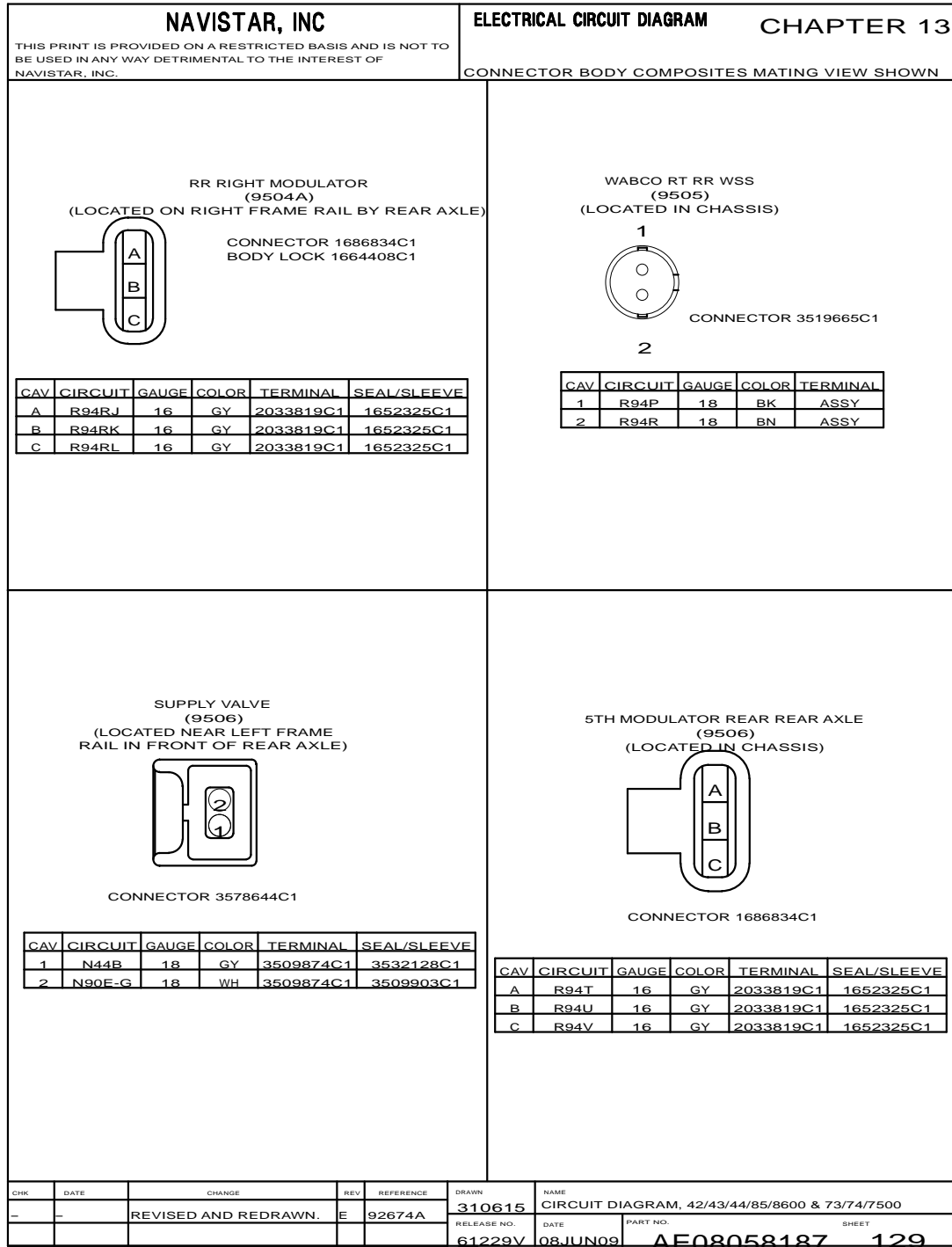


Figure 943 Connector Composites (9504A), (9505), (9506)

13.268. CONNECTOR COMPOSITES (9510), (9510A), (9510B), P. 130

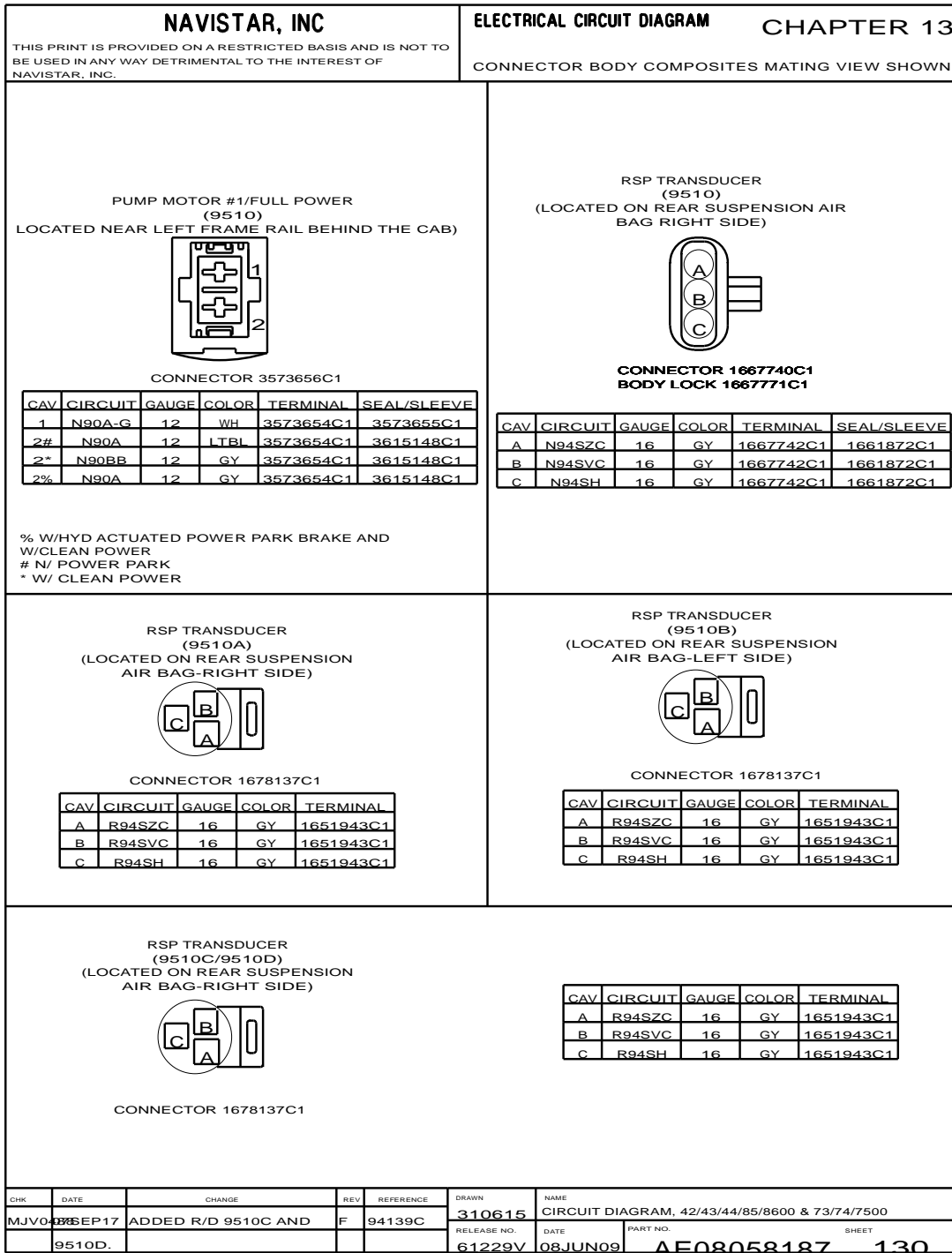


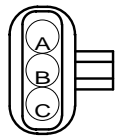
Figure 944 Connector Composites (9510), (9510A), (9510B)

13.269. CONNECTOR COMPOSITES (9510F), (9510H), (9510M), P. 131

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RSP TRANSDUCER (9510F)  
(LOCATED ON LEFT FRAME RAIL BEHIND CAB)

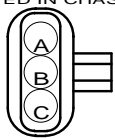


CONNECTOR 1667740C1  
BODY LOCK 1667771C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N94SZC	16	GY	1667742C1	1661872C1
B	N94SVC	16	GY	1667742C1	1661872C1
C	N94SH	16	GY	1667742C1	1661872C1

MD ABS ADV 3RD TRANSDUCER (9510H)  
(LOCATED IN CHASSIS)




CONNECTOR 1667740C1  
BODY LOCK 1667771C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
A	N94SZC	18	GY	1667742C1	1661872C1
B	N94SVC	18	GY	1667742C1	1661872C1
C	N94SH	18	GY	1667742C1	1661872C1

RSP TRANSDUCER (9510M)  
(LOCATED ON LEFT FRAME RAIL BEHIND CAB)



CONNECTOR 1667741C1  
BODY LOCK 1667771C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R94SZC	16	GY	1661875C1	1661872C1
B	R94SVC	16	GY	1661875C1	1661872C1
C	R94SH	16	GY	1661875C1	1661872C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
—	—	REVISED AND REDRAWN.	D	92674A	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					62476L	20NOV09
						PART NO.
						AE08058187
						SHEET
						131

Figure 945 Connector Composites (9510F), (9510H), (9510M)

13.270. CONNECTOR COMPOSITES (9511), P. 132

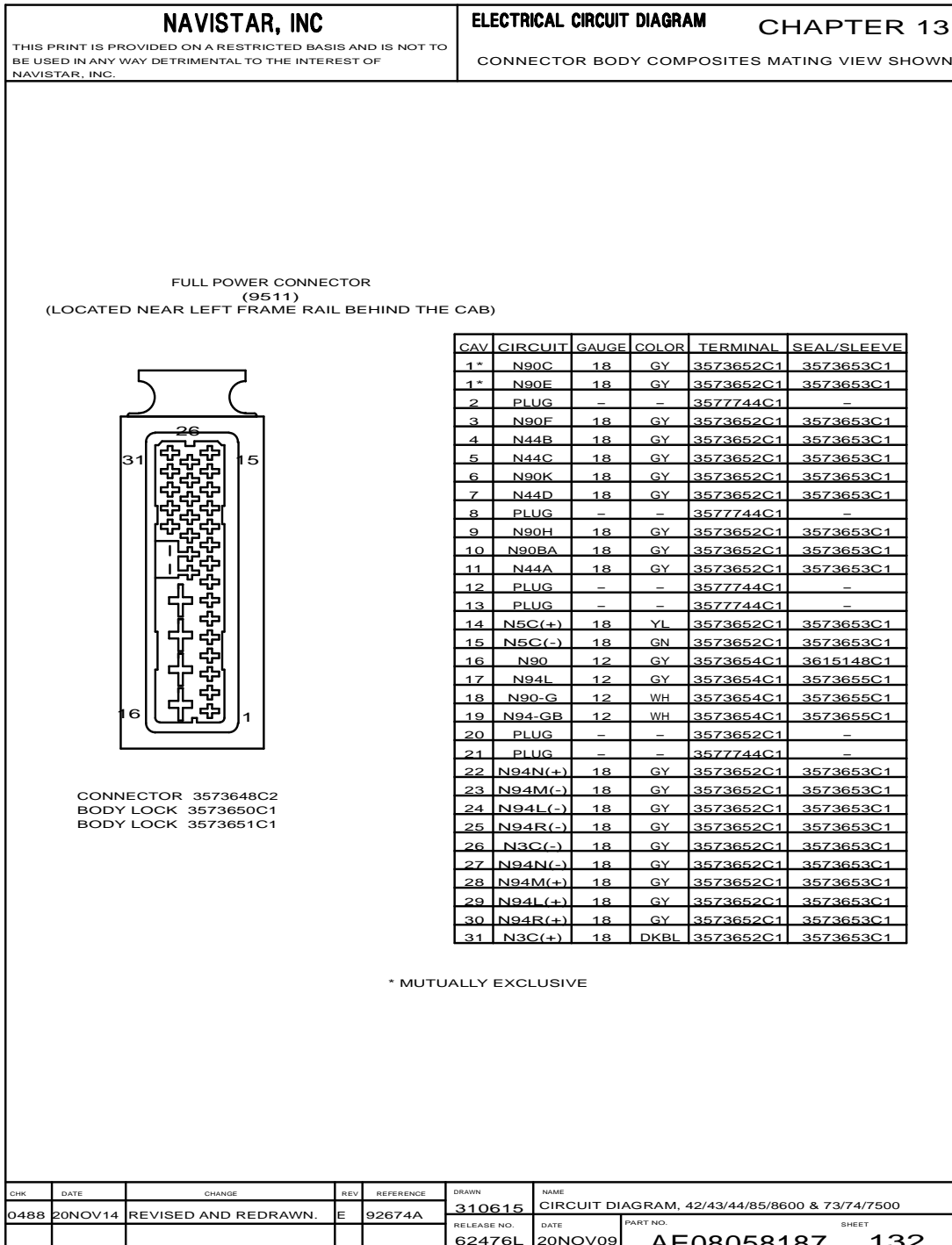


Figure 946 Connector Composites (9511)

13.271. CONNECTOR COMPOSITES (9511K), P. 133

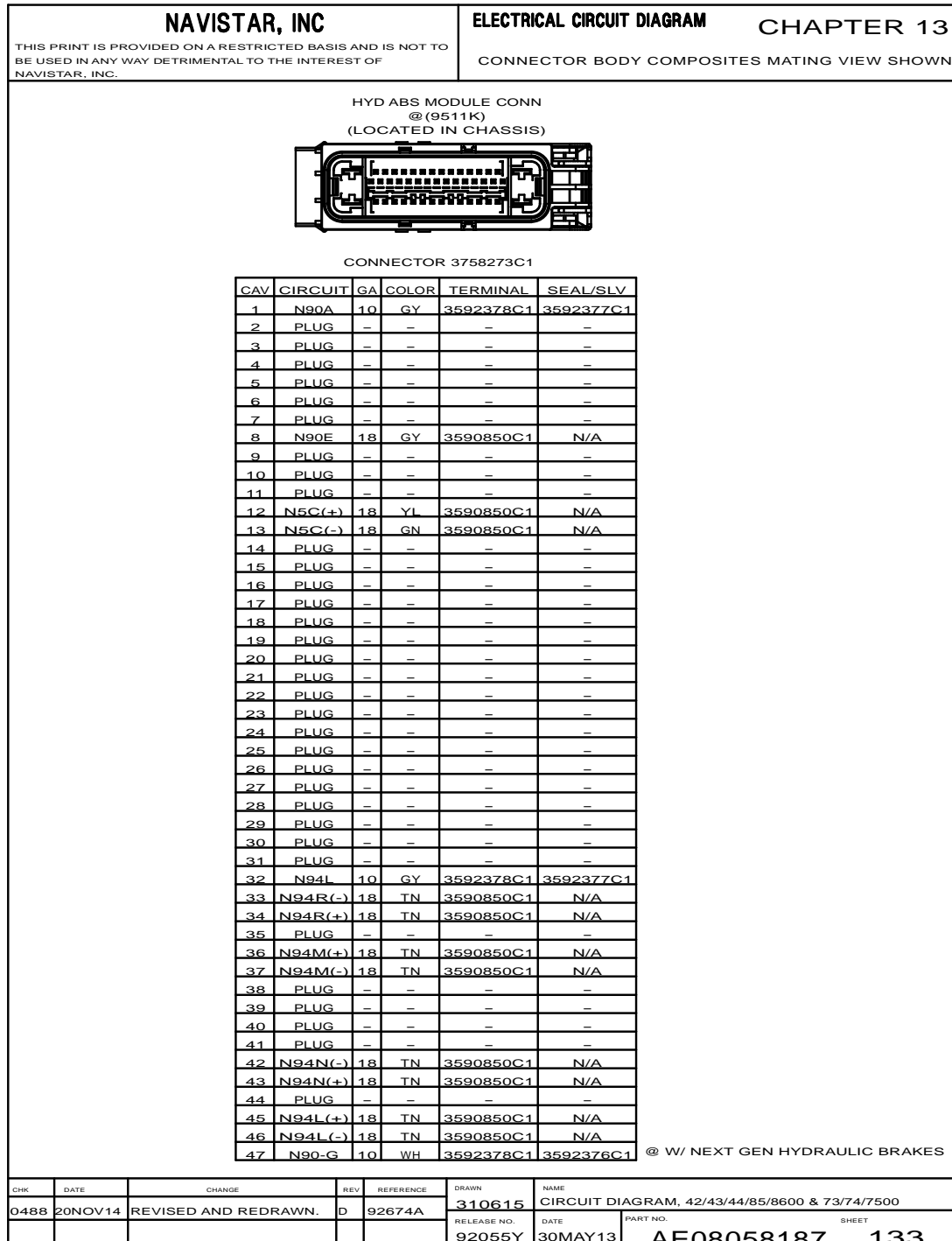


Figure 947 Connector Composites (9511K)

13.272. CONNECTOR COMPOSITES (9512), (9512A), (9512C), (9513), (9513A), (9513B), P. 134

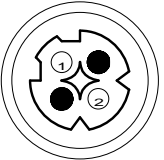
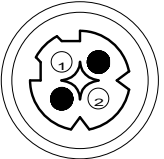
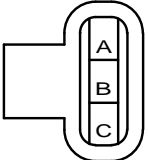
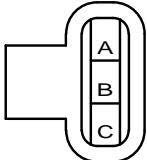
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<p><b>BENDIX TTC / SS ABS ADV ATR VALVE</b> (9512 / 9512C) (LOCATED IN CHASSIS)</p>																																																							
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2*	N94SK	16	GY	3679224C1	3601687C1																																																		
2#	N94SK	18	GY	3601686C1	3601687C1																																																		
CONNECTOR 3678796C1				<p>* BENDIX ADV AIR ABS W/RH W/ATC (4*2,4*4) # BENDIX ADV ABS W/STANDARD (6*4)</p>																																																			
<p><b>MD LSM AIR VALVE</b> (9512A) LOCATED IN CHASSIS</p>																																																							
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CONNECTOR 3678796C1																																																							
<p><b>TRAILER MODULATOR</b> (9513) (LOCATED IN CHASSIS)</p>				<p><b>MD RSM 5TH MABULATOR</b> (9513A/9513B) (LOCATED IN CHASSIS)</p>																																																			
																																																							
<p>W/ TRANSTAR</p>				<p>W/ WORKSTAR</p>																																																			
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																	
-	-	REVISED AND REDRAWN.	E	92674A	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																	
RELEASE NO.					DATE	PART NO.	SHEET																																																
92055Y					30MAY13	AE08058187	134																																																

Figure 948 Connector Composites (9512), (9512A), (9512C), (9513), (9513A), (9513B)

13.273. CONNECTOR COMPOSITES (9514), (9514D), (9514F), (9516), (9516M), P. 135

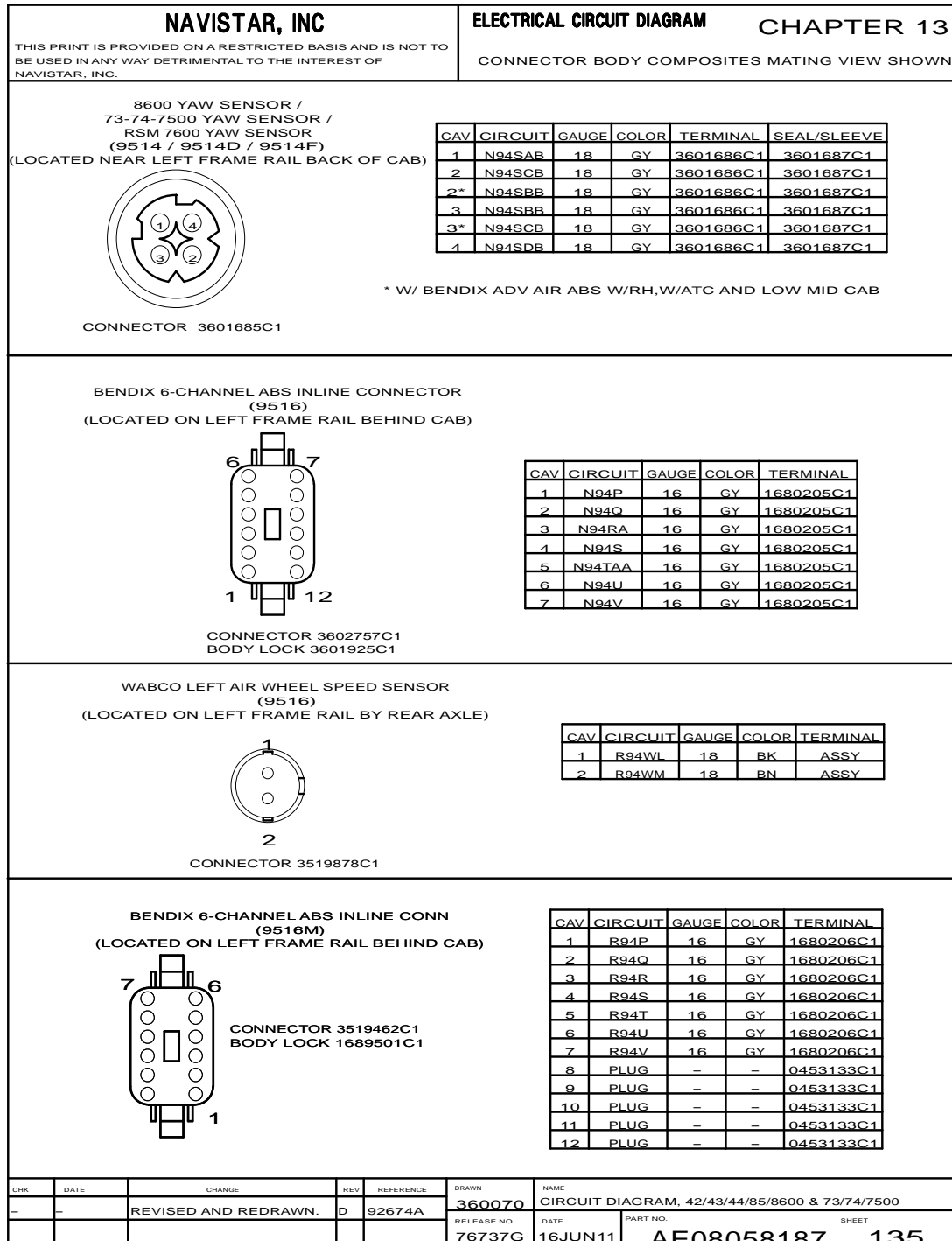


Figure 949 Connector Composites (9514), (9514D), (9514F), (9516), (9516M)

13.274. CONNECTOR COMPOSITES (9517), (9518), (9519), (9520), (9521), P. 136

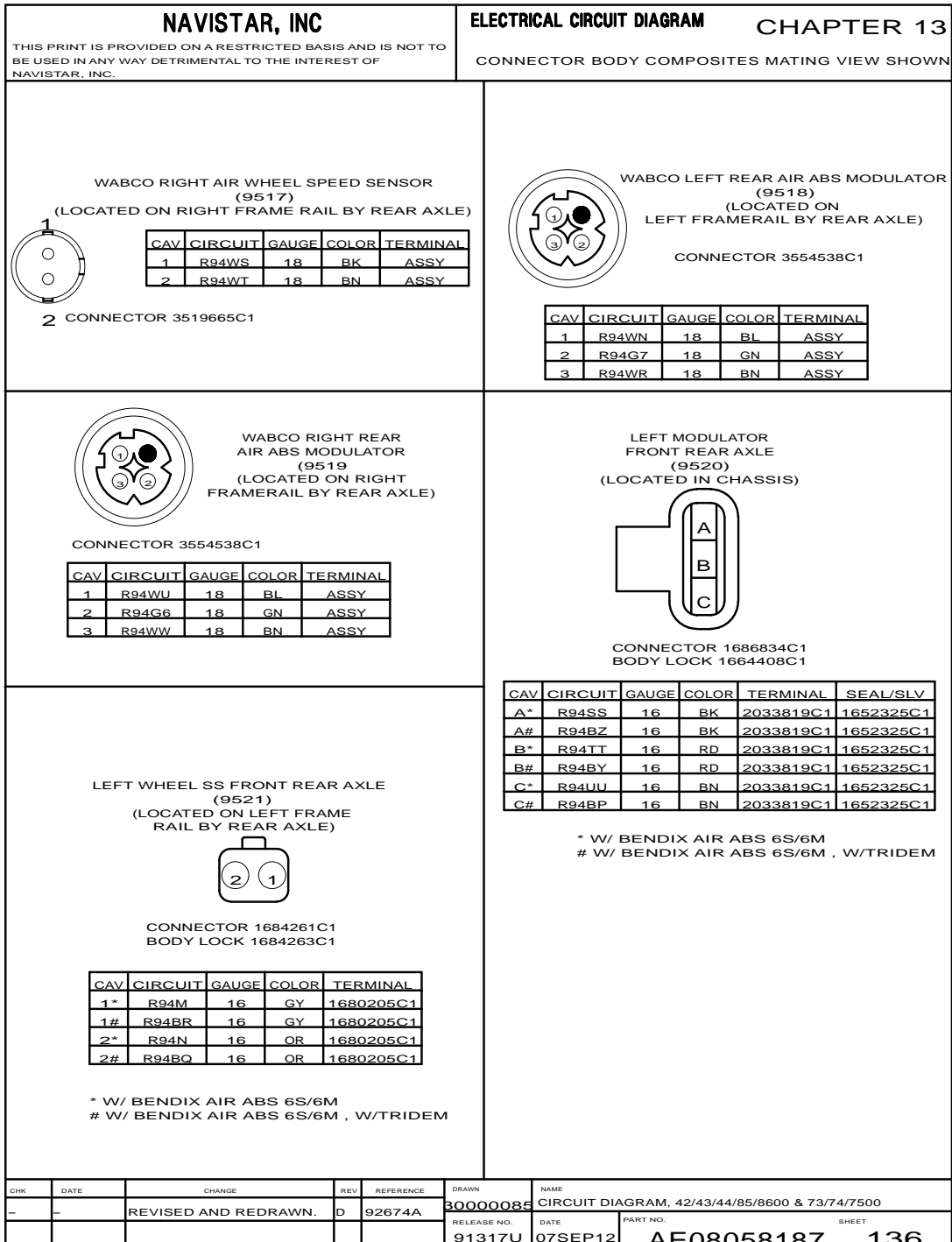


Figure 950 Connector Composites (9517), (9518), (9519), (9520), (9521)

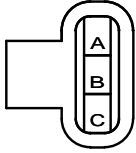


13.275. CONNECTOR COMPOSITES (9522), (9523), (9524), P. 137

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RIGHT MODULATOR FRONT REAR AXLE  
(9522)  
(LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)




CONNECTOR 1686834C1  
BODY LOCK 1664408C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
A*	R94VV	16	PL	2033819C1	1652325C1
A#	R94BS	16	PL	2033819C1	1652325C1
B*	R94W	16	LT GN	2033819C1	1652325C1
B#	R94BT	16	LT GN	2033819C1	1652325C1
C*	R94X	16	LT BL	2033819C1	1652325C1
C#	R94BU	16	LT BL	2033819C1	1652325C1

\* W/ BENDIX AIR ABS 6S/6M  
# W/ BENDIX AIR ABS 6S/6M , W/TRIDEM

RIGHT WHEEL SS FRONT REAR AXLE  
(9523)  
(LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)



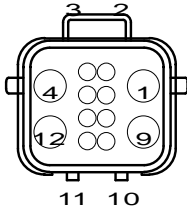
CONNECTOR 1684261C1  
BODY LOCK 1684263C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1*	R94PP	16	DK BL	1680205C1
1#	R94BW	16	DK BL	1680205C1
2*	R94RR	16	YL	1680205C1
2#	R94BV	16	YL	1680205C1

\* W/ BENDIX AIR ABS 6S/6M  
# W/ BENDIX AIR ABS 6S/6M , W/TRIDEM

ABS 6S / 6M  
(9524)  
(LOCATED ON LEFT FRAME RAIL BEHIND CAB)



CONNECTOR 3576268C1  
BODY LOCK 3576263C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1*	R94A	16	GY	3574288C1
1*	R94G	16	GY	3574288C1
2*	R94E	16	GY	3574285C1
2*	R94F	16	BK	3574285C1
3*	R94L	16	GY	3574285C1
3*	R94C	16	PL	3574285C1
4*	R94F	16	GY	3574288C1
4*	R94J	16	DKBL	3574288C1
5*	R94D	16	GY	3574285C1
5*	R94E	16	RD	3574285C1
6*	R94K	16	GY	3574285C1
6*	R94A	16	LTGN	3574285C1
7*	R94C	16	GY	3574285C1
7*	R94D	16	BN	3574285C1
8*	R94H	16	GY	3574285C1
8*	R94B	16	LTBL	3574285C1
9*	R94B	16	GY	3574288C1
9*	R94H	16	OR	3574288C1
10	PLUG	-	-	3527276C1
11	PLUG	-	-	3527276C1
12*	R94G	16	GY	3574288C1
12*	R94K	16	YL	3574288C1

\* MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
-	-	REVISED AND REDRAWN.	D	92674A	MJV0088	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					91317U	07SEP12
					PART NO.	SHEET
					AE08058187	137

Figure 951 Connector Composites (9522), (9523), (9524)



13.277. CONNECTOR COMPOSITES (9531F), (9531M), (9532F), P. 139

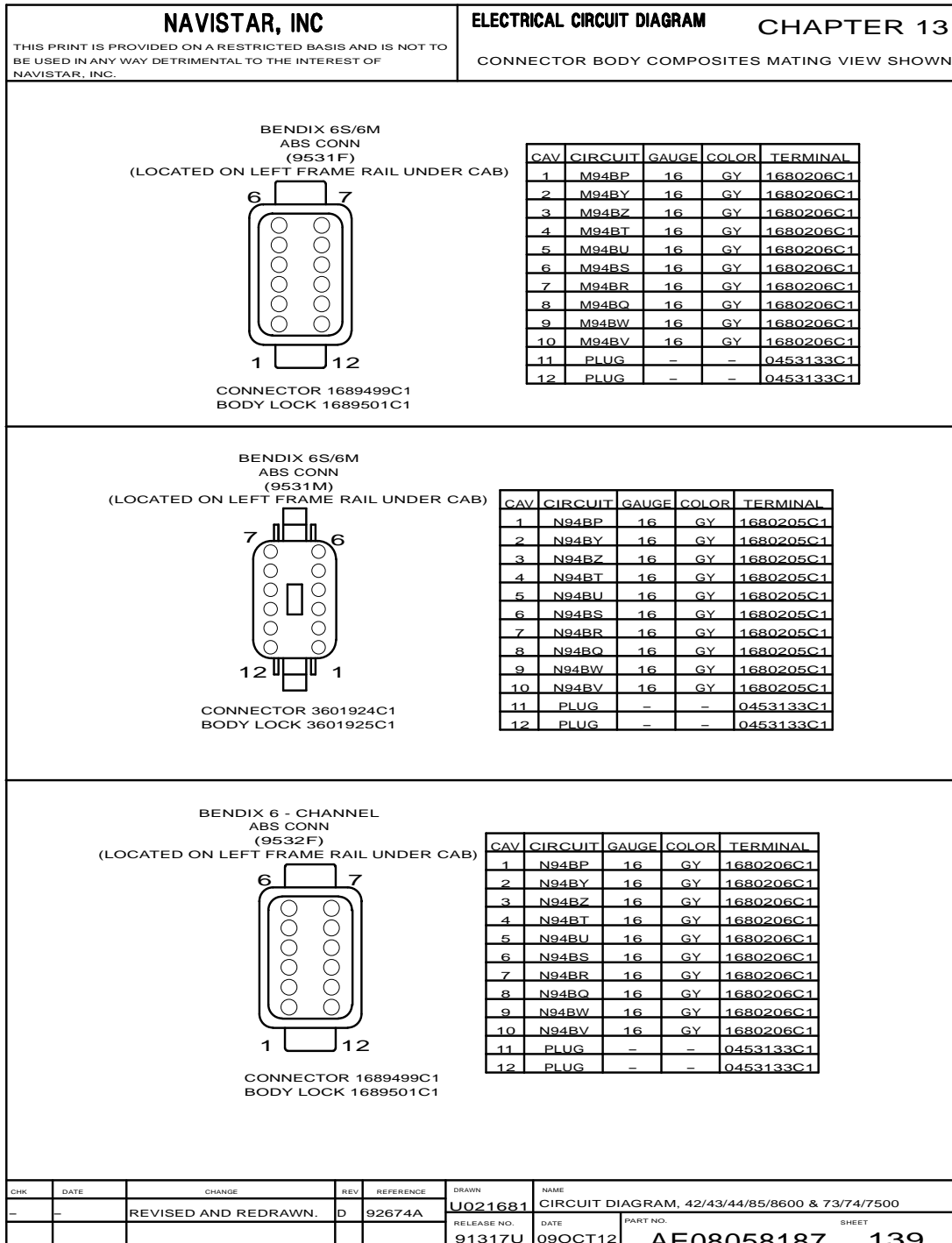


Figure 953 Connector Composites (9531F), (9531M), (9532F)



13.279. CONNECTOR COMPOSITES (9559), (9560), (9561), (9562), P. 141

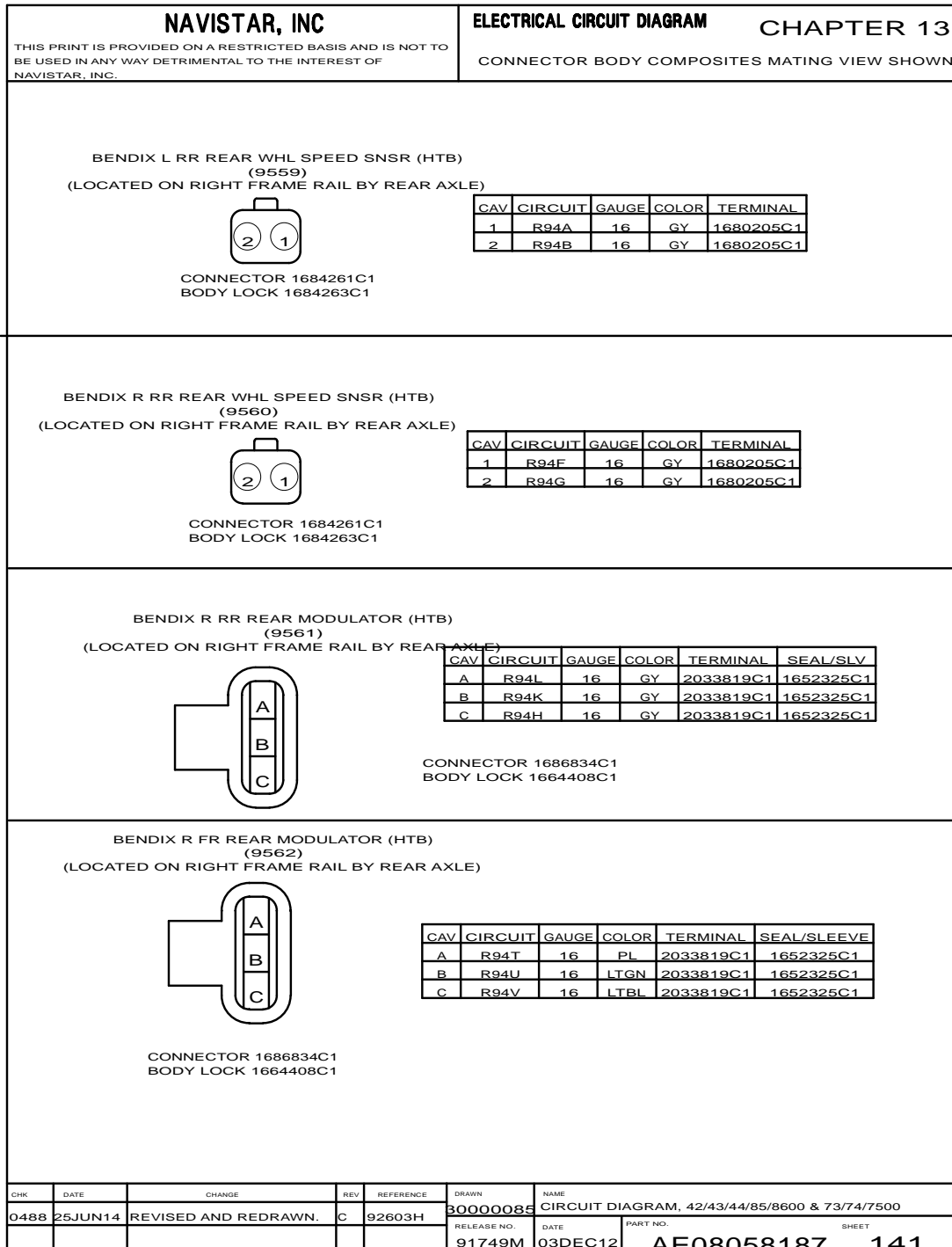


Figure 955 Connector Composites (9559), (9560), (9561), (9562)

13.280. CONNECTOR COMPOSITES (9540), (9540A), (9540B), (9541), P. 142

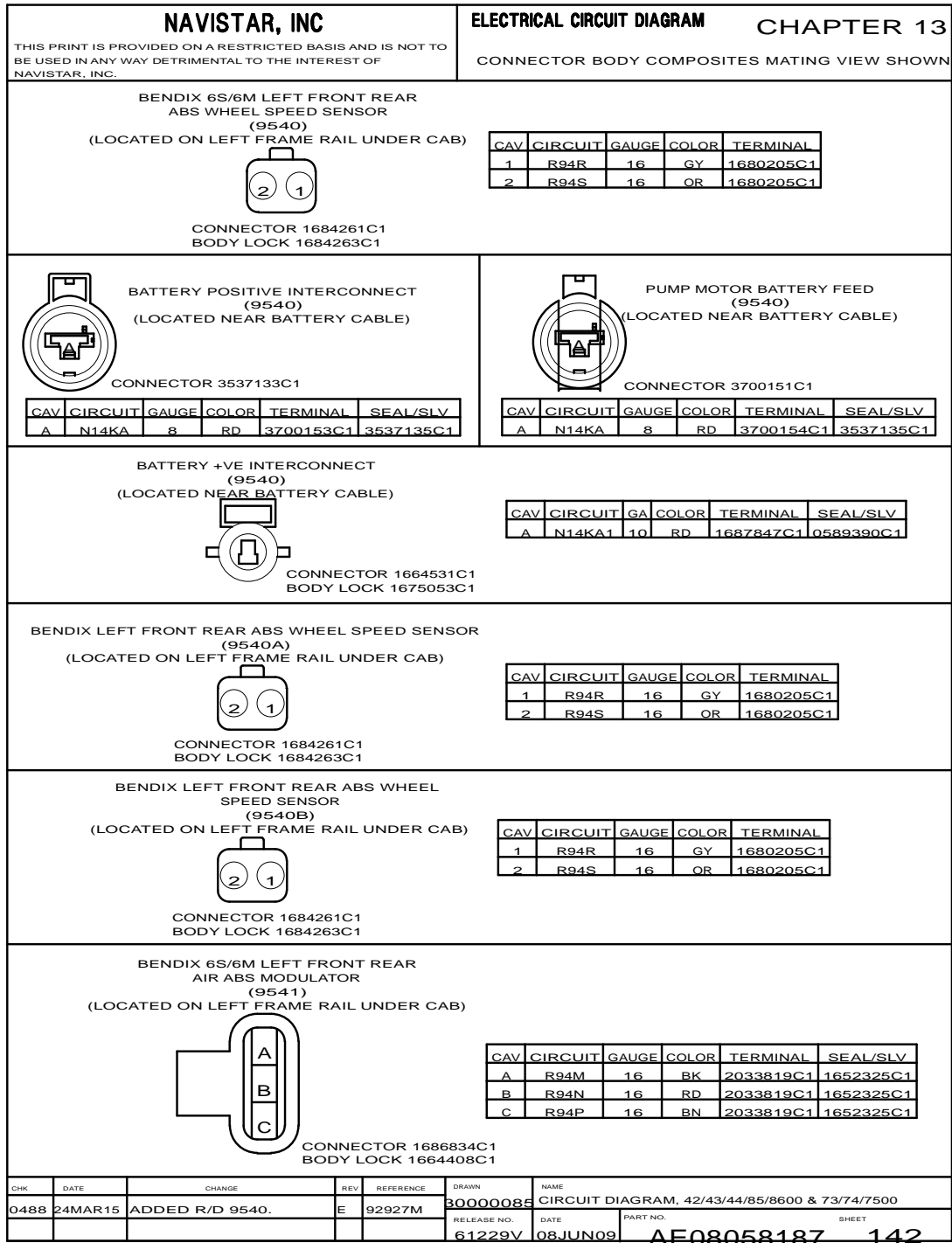


Figure 956 Connector Composites (9540), (9540A), (9540B), (9541)

13.281. CONNECTOR COMPOSITES (9541A), (9541B), (9542), (9542A), (9542C), P. 143

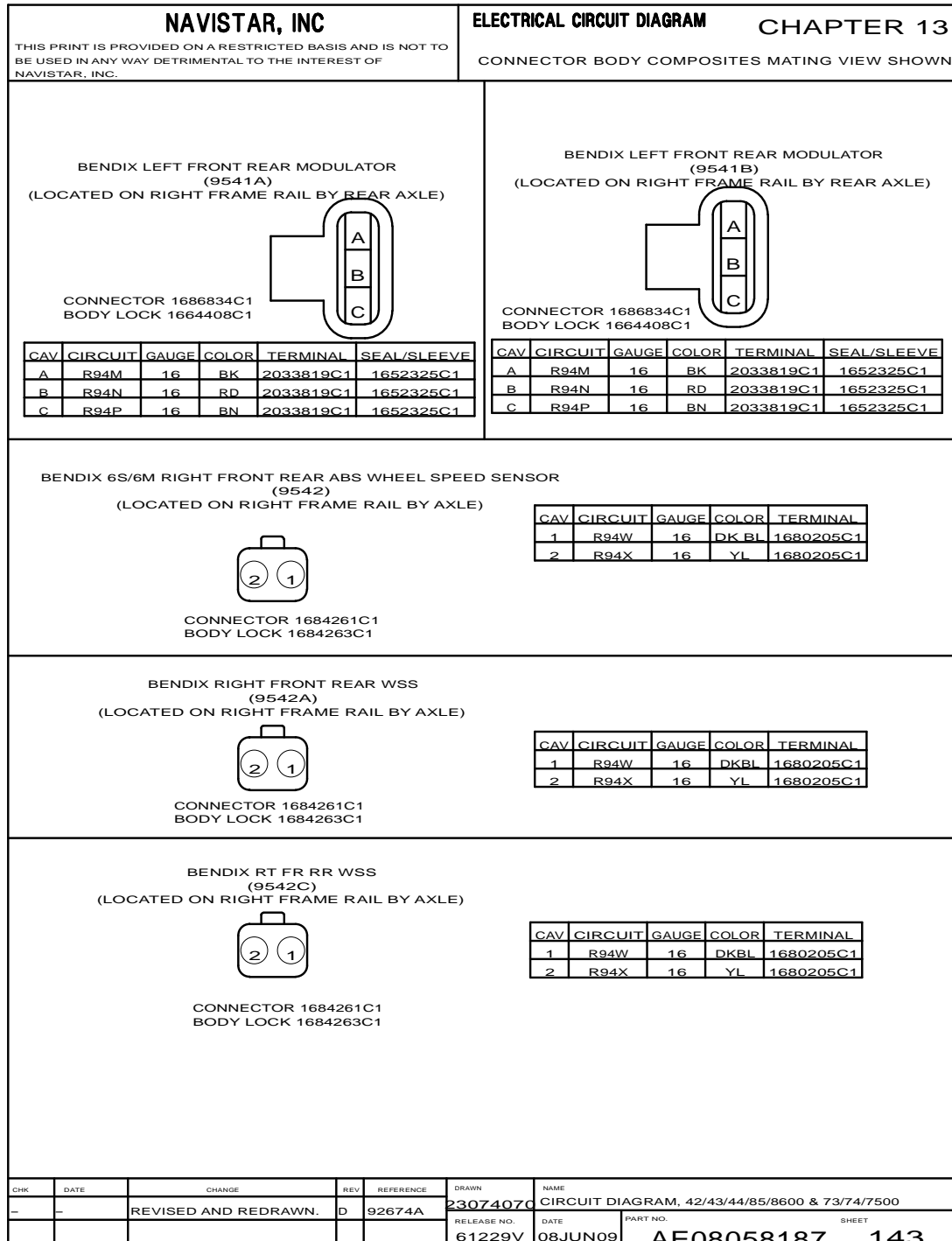


Figure 957 Connector Composites (9541A), (9541B), (9542), (9542A), (9542C)

13.282. CONNECTOR COMPOSITES (9543), (9543A), (9543C), (9544), (9546), (9547), P. 144

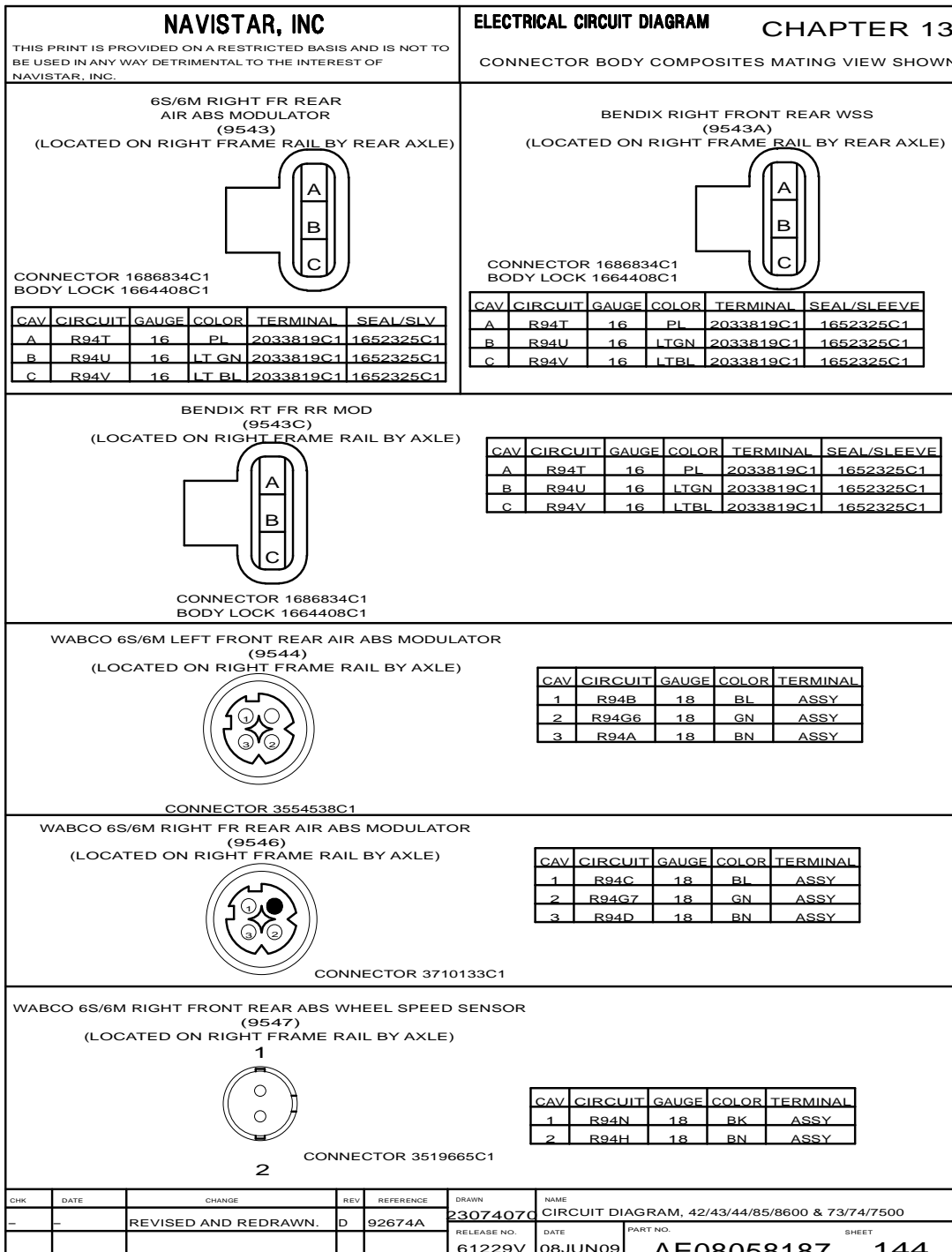


Figure 958 Connector Composites (9543), (9543A), (9543C), (9544), (9546), (9547)



13.283. CONNECTOR COMPOSITES (9548), (9548A), (9549), (9549A), (9549B), P. 145

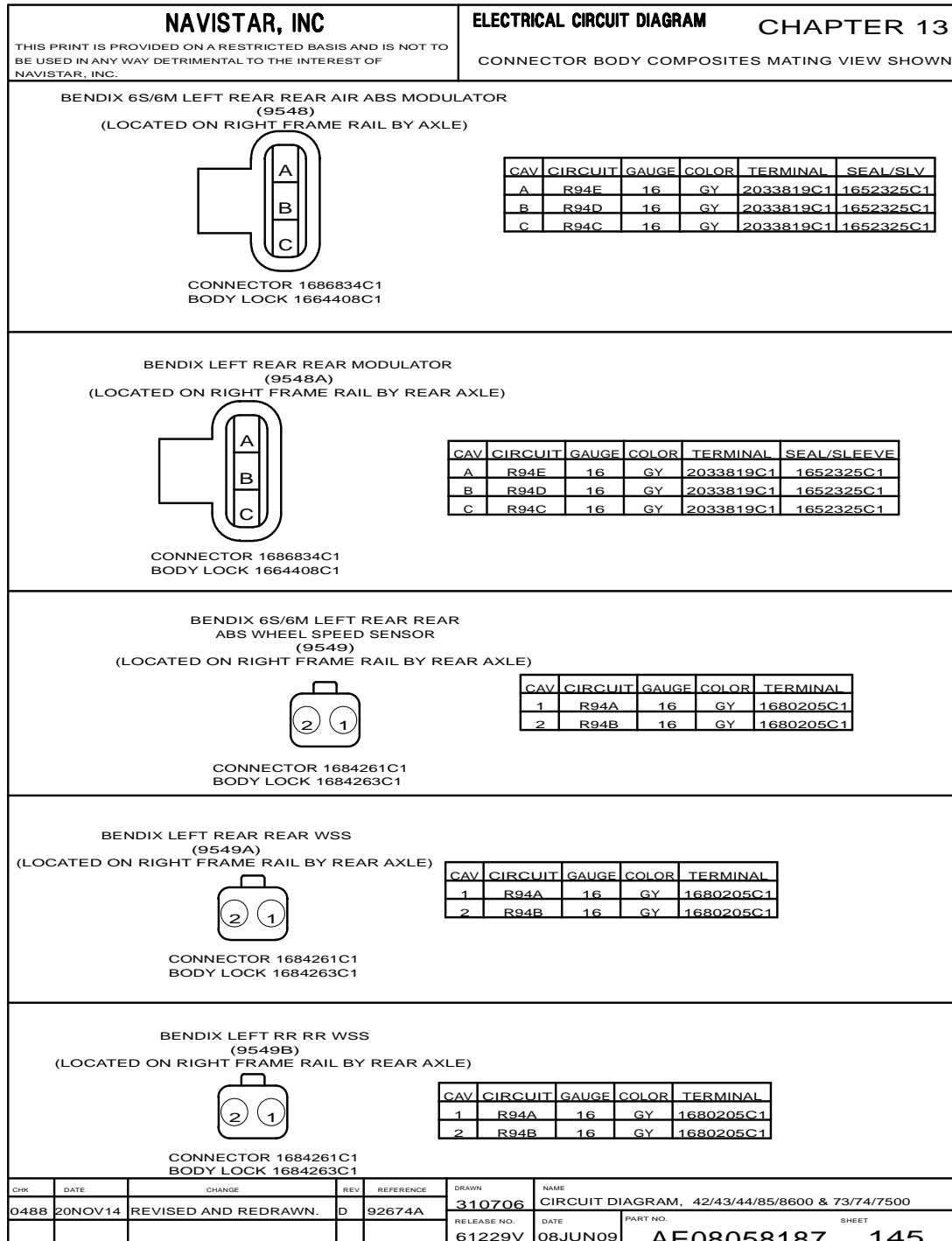


Figure 959 Connector Composites (9548), (9548A), (9549), (9549A), (9549B)

13.284. CONNECTOR COMPOSITES (9550), (9550A), P. 146

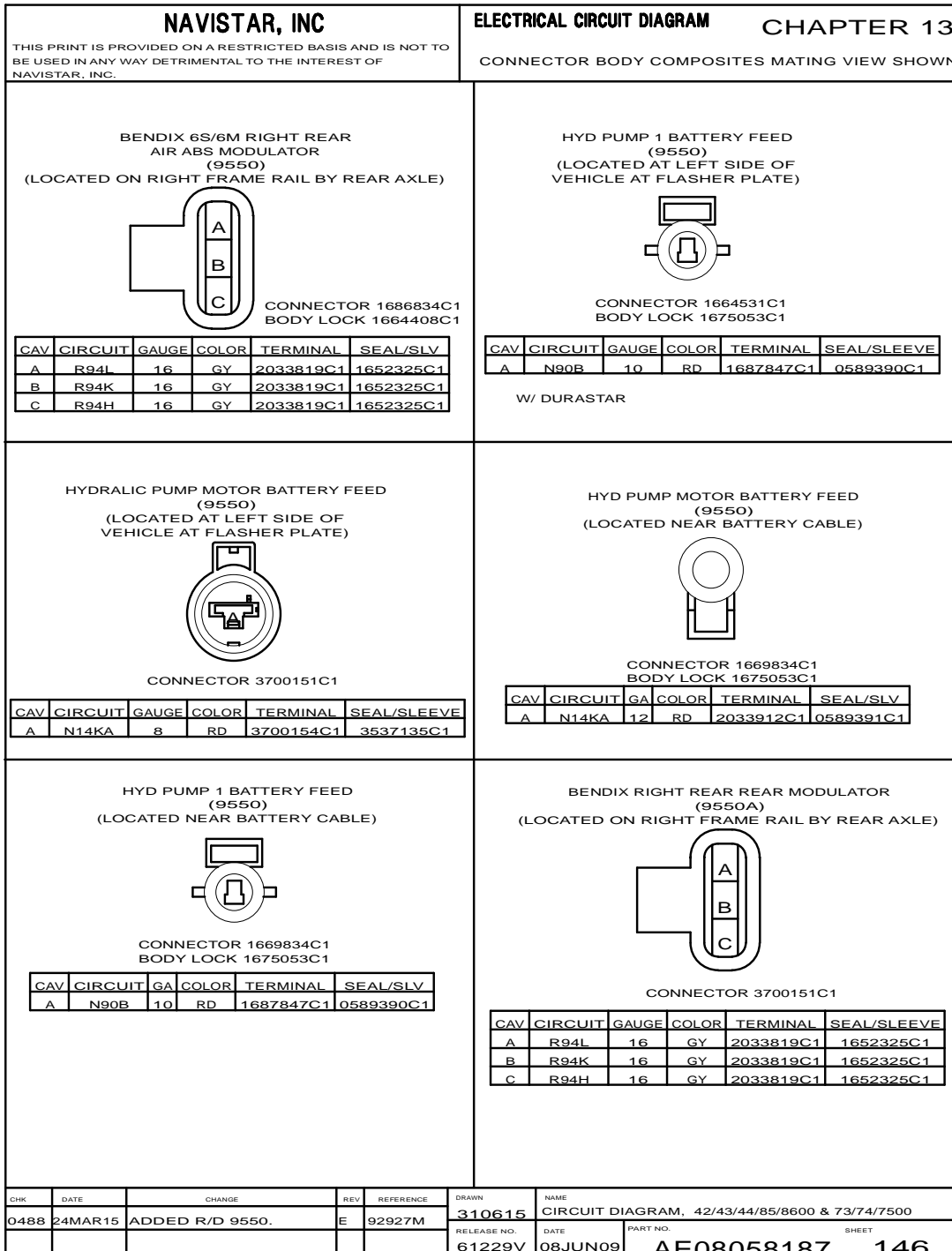


Figure 960 Connector Composites (9550), (9550A)

13.285. CONNECTOR COMPOSITES (9550A), (9550B), (9551), (9551A), (9552), P. 147

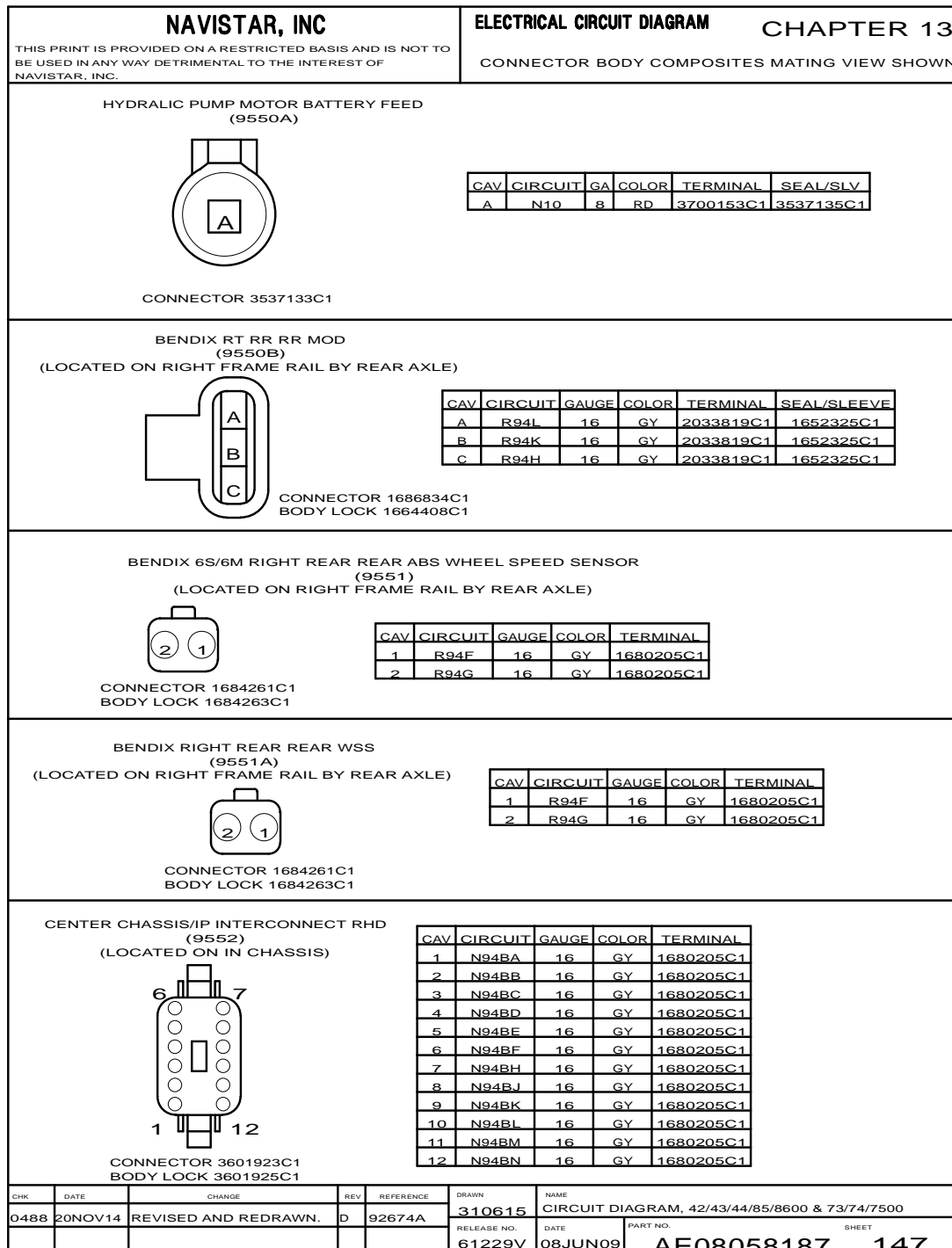


Figure 961 Connector Composites (9550A), (9550B), (9551), (9551A), (9552)

13.286. CONNECTOR COMPOSITES (9553), (9554), (9555), (9556), (9557), P. 148


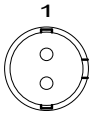

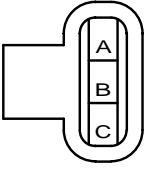

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 <p>WABCO 6S/6M L RR REAR AIR ABS MODULATOR (9553) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p> <p>CONNECTOR 3554538C1</p>	<table border="1" style="border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94L</td> <td>18</td> <td>BL</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>R94G8</td> <td>18</td> <td>GN</td> <td>ASSY</td> </tr> <tr> <td>3</td> <td>R94M</td> <td>18</td> <td>BN</td> <td>ASSY</td> </tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94L	18	BL	ASSY	2	R94G8	18	GN	ASSY	3	R94M	18	BN	ASSY												
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2	R94G8	18	GN	ASSY																													
3	R94M	18	BN	ASSY																													
 <p>WABCO 6S/6M R RR REAR ABS WHEEL SPEED SENSOR (9554) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p> <p>CONNECTOR 3519878C1</p>	<table border="1" style="border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94T</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>R94U</td> <td>18</td> <td>BN</td> <td>ASSY</td> </tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94T	18	BK	ASSY	2	R94U	18	BN	ASSY																	
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 <p>WABCO 6S/6M RIGHT REAR REAR AIR ABS MODULATOR (9555) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p> <p>CONNECTOR 3554538C1</p>	<table border="1" style="border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94P</td> <td>18</td> <td>BL</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>R94G9</td> <td>18</td> <td>GN</td> <td>ASSY</td> </tr> <tr> <td>3</td> <td>R94S</td> <td>18</td> <td>BN</td> <td>ASSY</td> </tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94P	18	BL	ASSY	2	R94G9	18	GN	ASSY	3	R94S	18	BN	ASSY												
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2	R94G9	18	GN	ASSY																													
3	R94S	18	BN	ASSY																													
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C	R94P	16	BN	2033819C1	1652325C1																												
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2	R94S	16	OR	1680205C1																													
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																											
0488	20NOV14	REVISED AND REDRAWN.	D	92674A	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																											
					RELEASE NO.	DATE																											
					61229V	08JUN09																											
PART NO.	SHEET																																
AE08058187	148																																

Figure 962 Connector Composites (9553), (9554), (9555), (9556), (9557)

13.287. CONNECTOR COMPOSITES (9558), (9559), (9560), (9561), (9562), P. 149

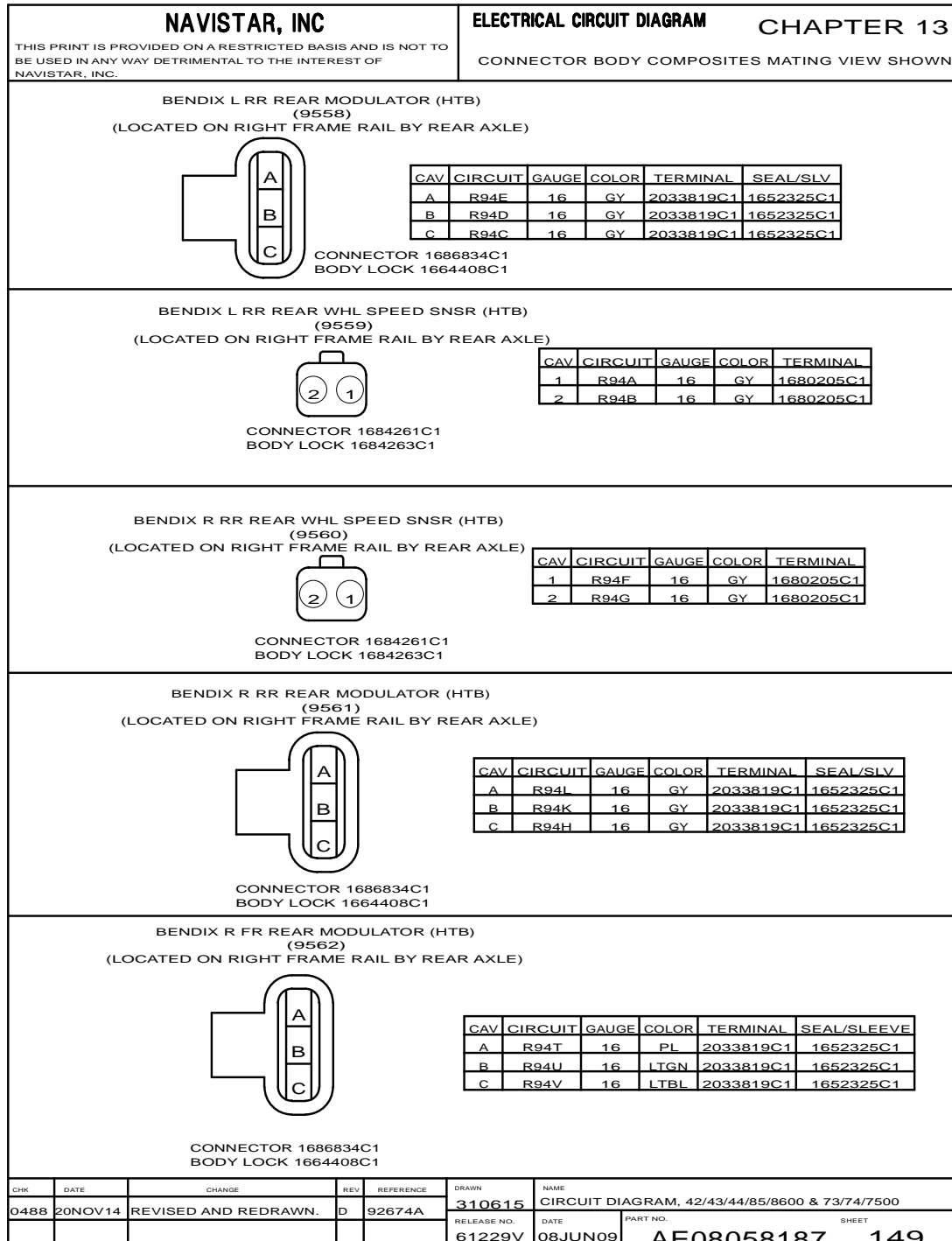


Figure 963 Connector Composites (9558), (9559), (9560), (9561), (9562)

13.288. CONNECTOR COMPOSITES (9563), (9565), (9570), (9570F), P. 150


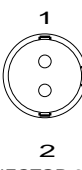

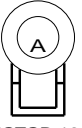
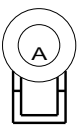
<b>NAVISTAR, INC</b>		<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 13</b>																
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.		CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																		
<p>BENDIX R FR REAR WHL SPEED SENSOR (HTB) (9563) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>																				
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																
1	R94W	16	DKBL	1680205C1																
2	R94X	16	YL	1680205C1																
<p>CONNECTOR 1684261C1 BODY LOCK 1684263C1</p>																				
<p>WABCO L FR RR WHL SPEED SNSR (HTB) (9565) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>																				
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																
1	R94E	18	BK	ASSY																
2	R94F	18	BN	ASSY																
<p>CONNECTOR 3519878C1 W/ DURASTAR</p>																				
<p>HYD PUMP 2 UNDERHOOD PDM FEED (9570) (LOCATED AT LEFT SIDE OF VEHICLE AT FLASHER PLATE)</p>																				
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE															
A	N90	12	GY	2033816C1	0589391C1															
<p>CONNECTOR 1664531C1 BODY LOCK 1675053C1 W/ DURASTAR</p>																				
<p>HYD BRAKE (9570F) (LOCATED AT LEFT SIDE OF VEHICLE AT FLASHER PLATE)</p>																				
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<p>CONNECTOR 1669834C1 BODY LOCK 1675053C1 W/ F-2017-ISB-ENG</p>																				
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<p>CONNECTOR 1669834C1 BODY LOCK 1675053C1</p>																				
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MJVO	16AUG16	ADDED R/D 9570F.	E	93614H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500														
					RELEASE NO.	DATE														
					61229V	08JUN09														
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					AE08058187	150														

Figure 964 Connector Composites (9563), (9565), (9570), (9570F)

13.289. CONNECTOR COMPOSITES (9751), (9752), (9753), (9753A), (9754), (9754B), (9754D), P. 151

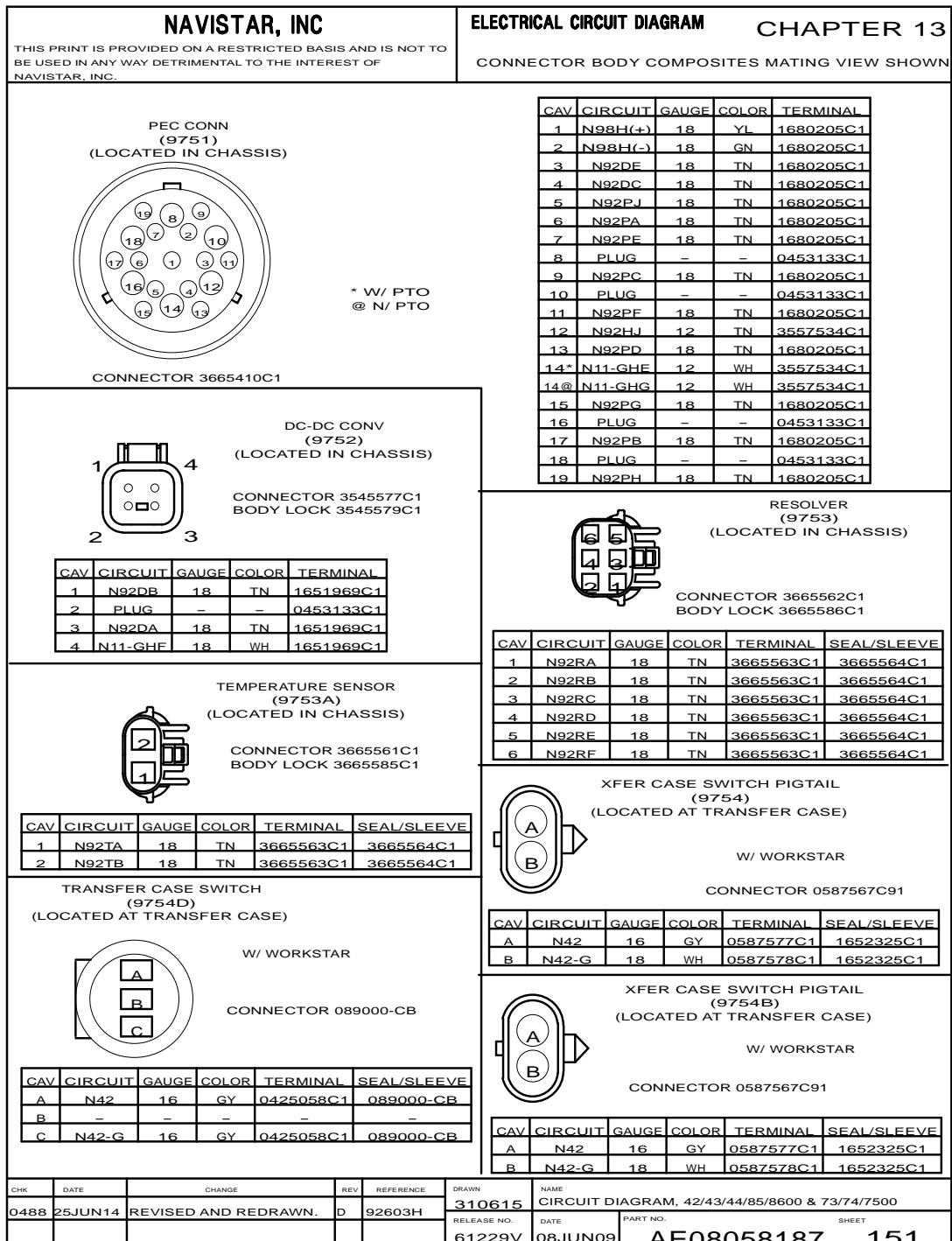


Figure 965 Connector Composites (9751), (9752), (9753), (9753A), (9754), (9754B), (9754D)

13.290. CONNECTOR COMPOSITES (9755), (9755B), (9755D), (9756), (9758), P. 152

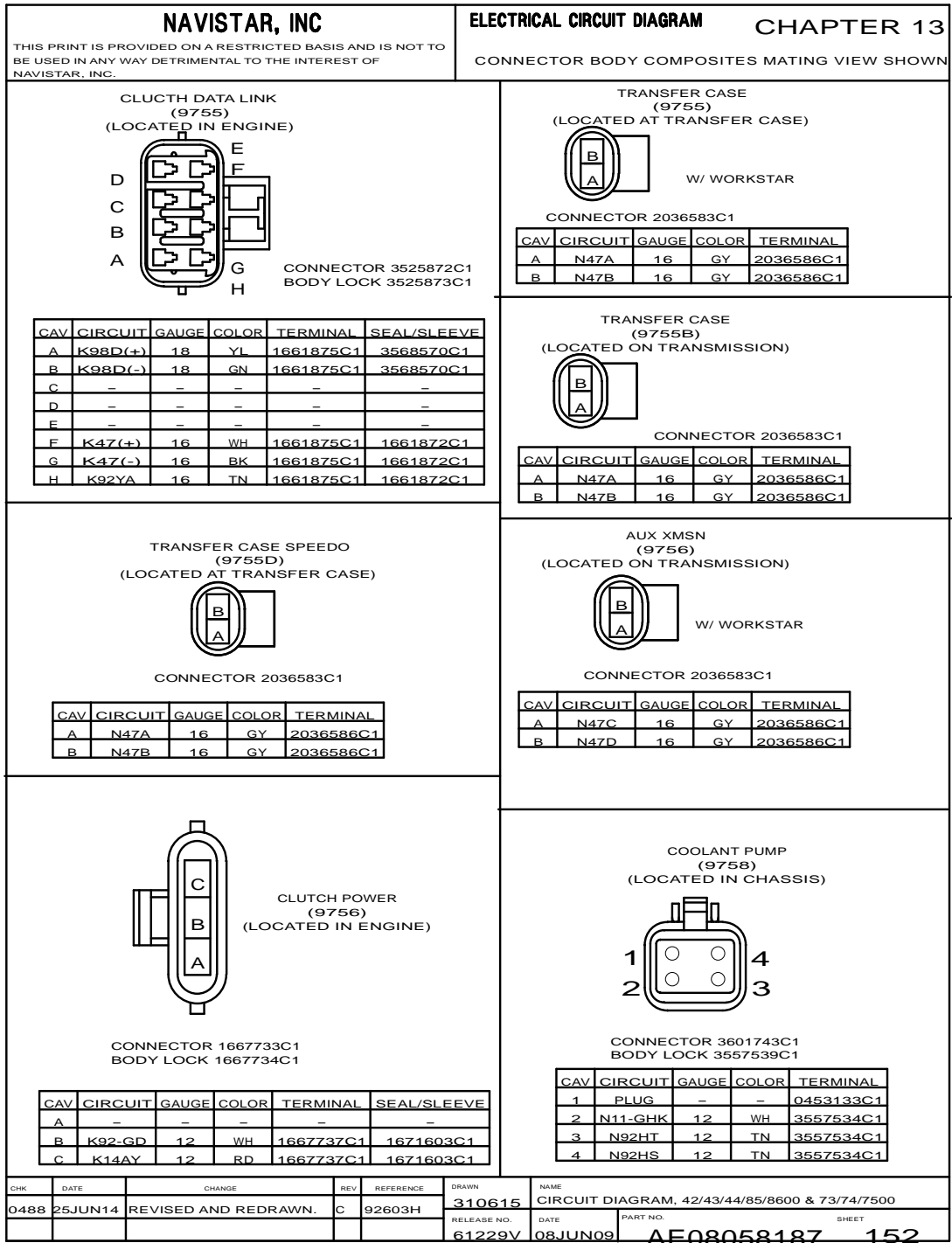


Figure 966 Connector Composites (9755), (9755B), (9755D), (9756), (9758)



13.291. CONNECTOR COMPOSITES (9759), (9760), P. 153

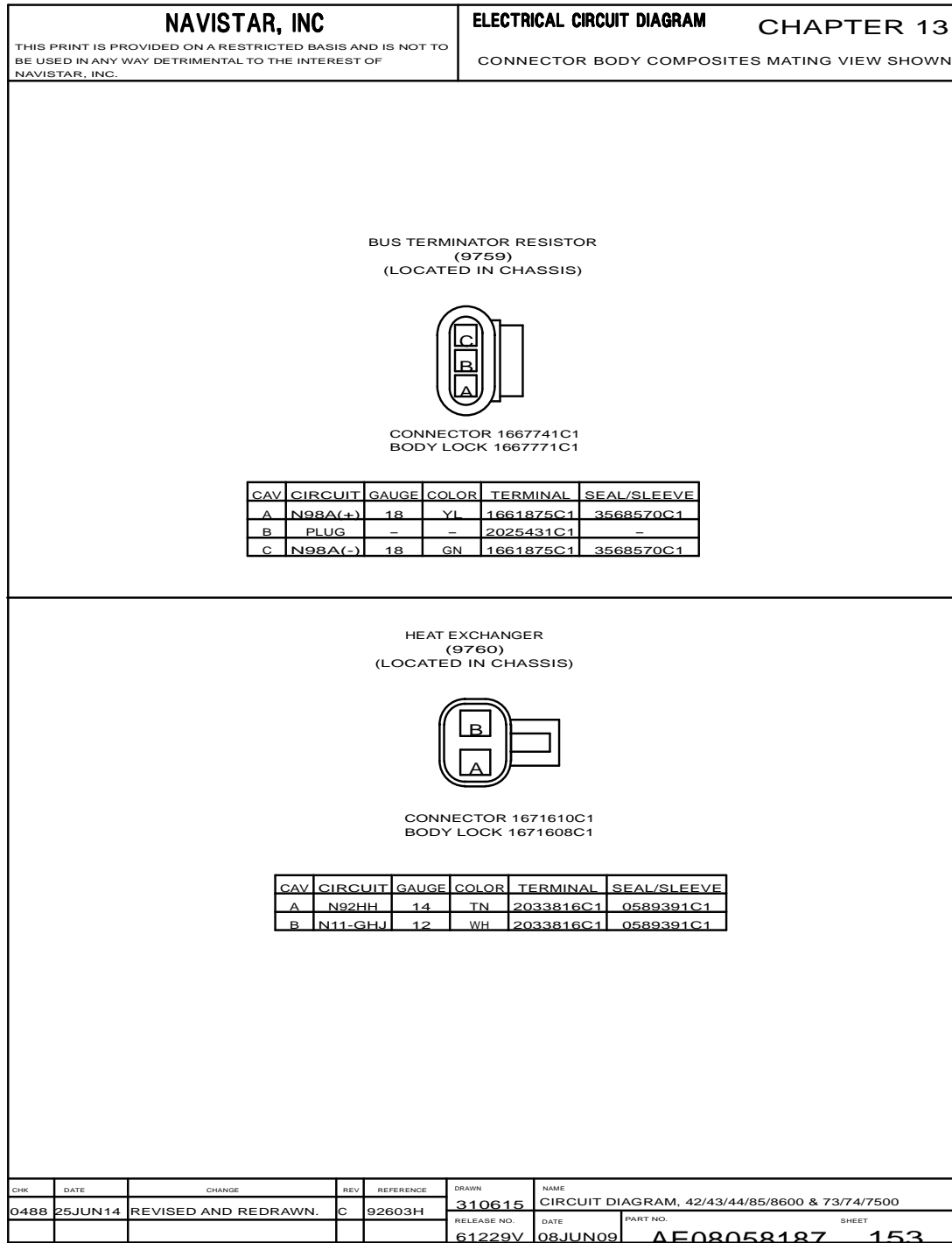


Figure 967 Connector Composites (9759), (9760)

13.292. CONNECTOR COMPOSITES (9761F), (9762), (9763) (9764), (9765), (9766), P. 154

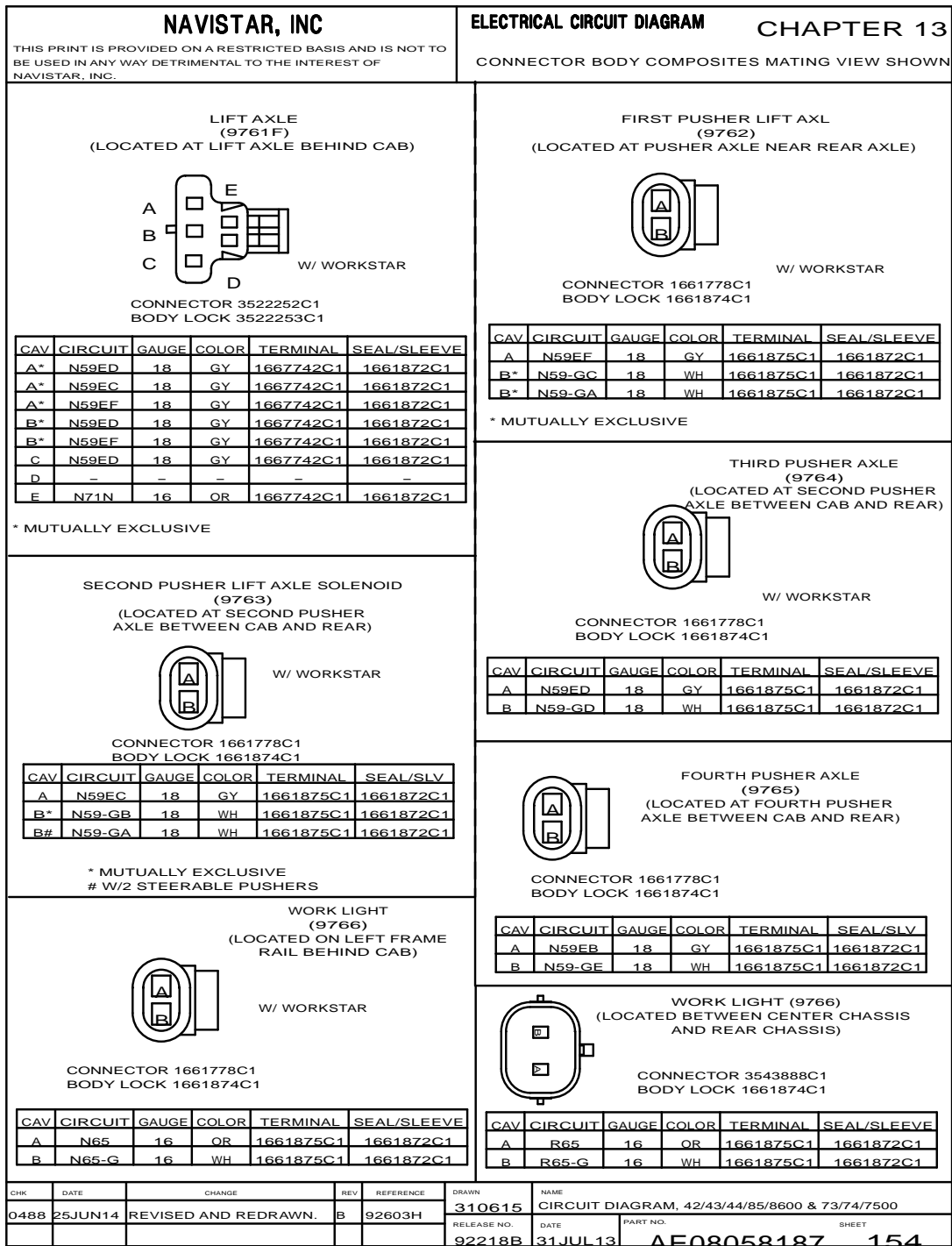


Figure 968 Connector Composites (9761F), (9762), (9763) (9764), (9765), (9766)

13.293. CONNECTOR COMPOSITES (9767), (9775F), (9776F), (9777), (9777A), (9777E), (9777M), (9778), P. 155

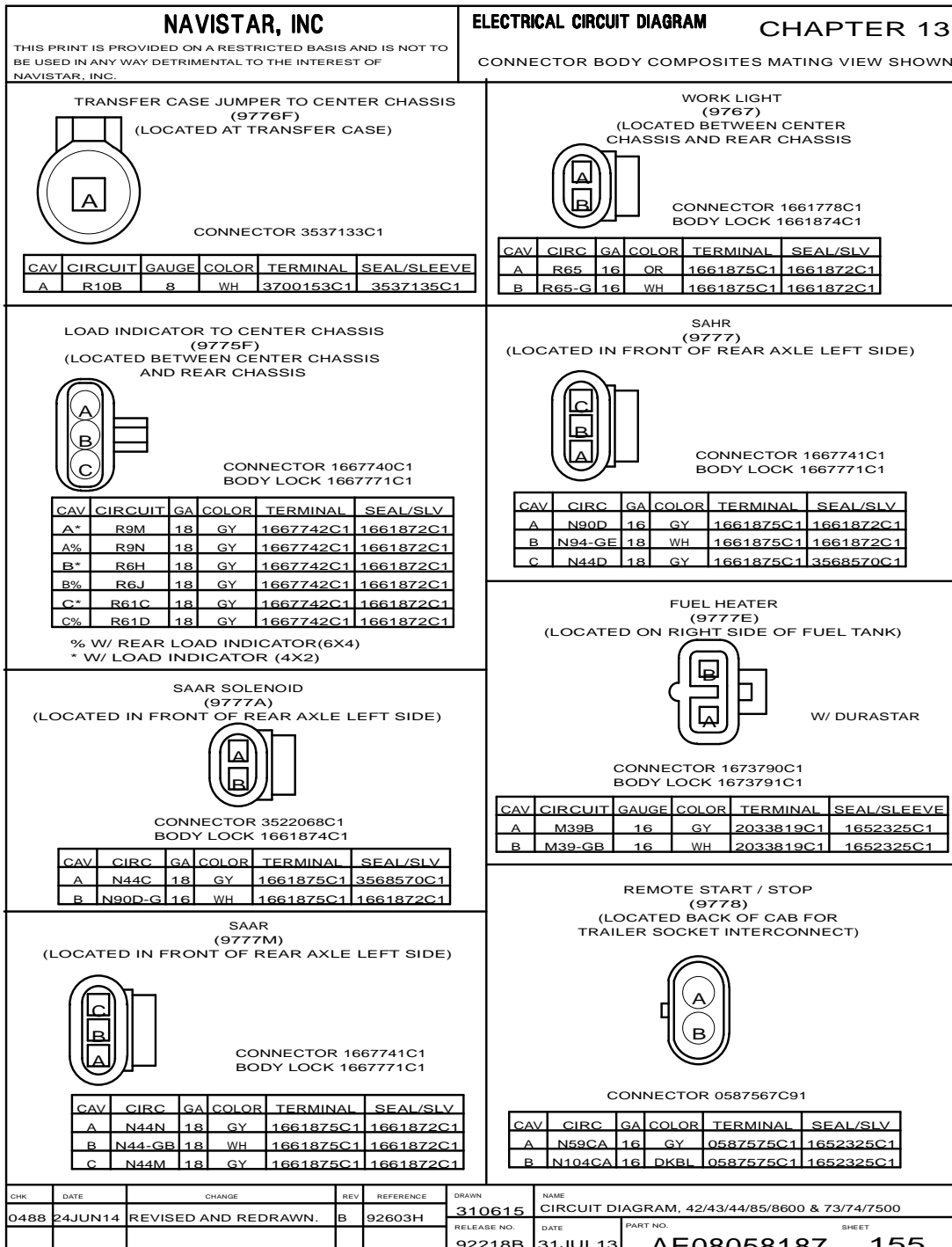


Figure 969 Connector Composites (9767), (9775F), (9776F), (9777), (9777A), (9777E), (9777M), (9778)

13.294. CONNECTOR COMPOSITES (9778F), (9778F1), (9779F), P. 156




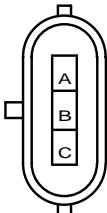
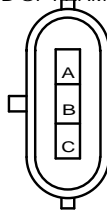
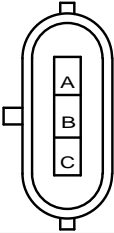
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<p>GREEN ABS TRAILER SOCKET GND (9778F) (LOCATED AT BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)</p>  <p>* MUTUALLY EXCLUSIVE</p> <p>CONNECTOR 3537133C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A*</td><td>N10B</td><td>8</td><td>WH</td><td>3700153C1</td><td>3537135C1</td></tr> <tr><td>A*</td><td>N10E</td><td>8</td><td>WH</td><td>3700153C1</td><td>3537135C1</td></tr> <tr><td>A*</td><td>N10F</td><td>8</td><td>WH</td><td>3700153C1</td><td>3537135C1</td></tr> <tr><td>A*</td><td>N10G</td><td>8</td><td>WH</td><td>3700153C1</td><td>3537135C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	N10B	8	WH	3700153C1	3537135C1	A*	N10E	8	WH	3700153C1	3537135C1	A*	N10F	8	WH	3700153C1	3537135C1	A*	N10G	8	WH	3700153C1	3537135C1	<p>TRAILER SOCKET GND (9778F) (LOCATED AT BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)</p>  <p>CONNECTOR 3517817C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>R10A</td><td>8</td><td>WH</td><td>3517818C1</td><td>N/A</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R10A	8	WH	3517818C1	N/A																																				
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 <p>CONNECTOR 1667732C1 BODY LOCK 1667734C1</p>						<p>TRAILER SOCKET #2 (9779F) (LOCATED AT BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>R58A</td><td>10</td><td>BK</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>B</td><td>R56A</td><td>10</td><td>YL</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>C</td><td>R57A</td><td>10</td><td>LTGN</td><td>2025425C1</td><td>1667735C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R58A	10	BK	2025425C1	1667735C1	B	R56A	10	YL	2025425C1	1667735C1	C	R57A	10	LTGN	2025425C1	1667735C1																																																						
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<p>GREEN ABS TRAILER SOCKET 2 (9779F) (LOCATED AT END OF FRAME NEAR REAR AXLES)</p>  <p>CONNECTOR 1667732C1 BODY LOCK 1667734C1</p>						<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A#</td><td>N54B</td><td>10</td><td>BN</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>A@</td><td>N54E</td><td>10</td><td>BN</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>A*</td><td>N54T</td><td>10</td><td>BN</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>A##</td><td>N54D</td><td>10</td><td>BN</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>B#</td><td>N56B</td><td>10</td><td>YL</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>B@</td><td>N56E</td><td>10</td><td>YL</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>B*</td><td>N56T</td><td>10</td><td>YL</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>B##</td><td>N56D</td><td>10</td><td>YL</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>C#</td><td>N57B</td><td>10</td><td>LTGN</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>C@</td><td>N57E</td><td>10</td><td>LTGN</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>C*</td><td>N57T</td><td>10</td><td>LTGN</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>C##</td><td>N57D</td><td>10</td><td>LTGN</td><td>2025425C1</td><td>1667735C1</td></tr> </tbody> </table> <p>* W/ TRAILER SOCKET - BOC # W/ TRAILER &amp; AUX SOCKET - BOC ## W/ TRAILER &amp; AUX ISO SOCKET - BOC @ W/ TRAILER SOCKET - BOC &amp; BODY BUILDER EOF</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A#	N54B	10	BN	2025425C1	1667735C1	A@	N54E	10	BN	2025425C1	1667735C1	A*	N54T	10	BN	2025425C1	1667735C1	A##	N54D	10	BN	2025425C1	1667735C1	B#	N56B	10	YL	2025425C1	1667735C1	B@	N56E	10	YL	2025425C1	1667735C1	B*	N56T	10	YL	2025425C1	1667735C1	B##	N56D	10	YL	2025425C1	1667735C1	C#	N57B	10	LTGN	2025425C1	1667735C1	C@	N57E	10	LTGN	2025425C1	1667735C1	C*	N57T	10	LTGN	2025425C1	1667735C1	C##	N57D	10	LTGN	2025425C1	1667735C1
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RELEASE NO.		DATE		PART NO.		SHEET																																																																																			
92218B		31JUL13		AE08058187		156																																																																																			

Figure 970 Connector Composites (9778F), (9778F1), (9779F)

13.295. CONNECTOR COMPOSITES (9779F1), (9780M), (9780M1), P. 157

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



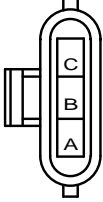
TRAILER SOCKET 2  
(9779F1)  
(LOCATED BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R58A	10	BK	2025425C1	1667735C1
B	R56A	10	YL	2025425C1	1667735C1
C	R57A	10	LTGN	2025425C1	1667735C1

CONNECTOR 1667732C1  
BODY LOCK 1667734C1

GREEN ABS TRAILER SOCKET #1  
(9780M)  
(LOCATED BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)

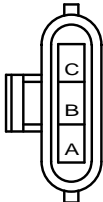


CONNECTOR 1667733C1  
BODY LOCK 1667734C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A#	N70B	10	RD	1667737C1	1667735C1
A@	N70E	10	RD	1667737C1	1667735C1
A*	N70T	10	RD	1667737C1	1667735C1
A##	N70D	10	RD	1667737C1	1667735C1
B#	N68B	10	BN	1667737C1	1667735C1
B@	N68E	10	BN	1667737C1	1667735C1
B*	N68T	10	BN	1667737C1	1667735C1
B##	N68D	10	BN	1667737C1	1667735C1
C@	N94E	10	GY	1667737C1	1667735C1
C*	N94T	10	GY	1667737C1	1667735C1
c#	N94T	10	GY	1667737C1	1667735C1
C##	N72V	10	DK BL	1667737C1	1667735C1

\* W/ TRAILER SOCKET - BOC  
# W/ TRAILER & AUX SOCKET - BOC  
## W/ TRAILER & AUX SOCKET - BOC  
@ W/ TRAILER SOCKET - BOC & BODY BUILDER EOF

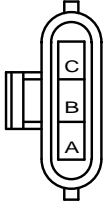


CONNECTOR 1667733C1  
BODY LOCK 1667734C1

GREEN ABS TRAILER SOCKET 1  
(9780M)  
(LOCATED BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R70A	10	RD	1667737C1	1667735C1
B	R68A	10	BN	1667737C1	1667735C1
C	R94A	10	DKBL	1667737C1	1667735C1



CONNECTOR 1667733C1  
BODY LOCK 1667734C1

TRAILER SOCKET 1  
(9780M1)  
(LOCATED BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R70A	10	RD	1667737C1	1667735C1
B	R68A	10	BN	1667737C1	1667735C1
C	R94A	10	DKBL	1667737C1	1667735C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0488	24JUN14	REVISED AND REDRAWN.	C	92603H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					92218B	31JUL13
						PART NO.
						AE08058187
						SHEET
						157

Figure 971 Connector Composites (9779F1), (9780M), (9780M1)

13.296. CONNECTOR COMPOSITES (9781M), (9782F), (9782M), P. 158

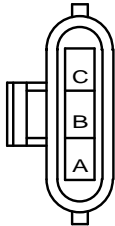
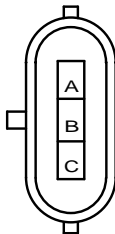
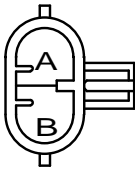
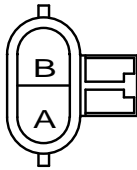
<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 13</b>																									
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																											
		<p>BLACK AUX TRAILER SOCKET #1 (9781M) (LOCATED BACK OF CAB FOR AUX TRAILER SOCKET INTERCONNECT)</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N70C</td> <td>10</td> <td>RD</td> <td>1667737C1</td> <td>1667735C1</td> </tr> <tr> <td>B</td> <td>N68C</td> <td>10</td> <td>BN</td> <td>1667737C1</td> <td>1667735C1</td> </tr> <tr> <td>C</td> <td>N72</td> <td>12</td> <td>OR</td> <td>1667737C1</td> <td>1671603C1</td> </tr> </tbody> </table> <p>CONNECTOR 1667733C1 BODY LOCK 1667734C1</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N70C	10	RD	1667737C1	1667735C1	B	N68C	10	BN	1667737C1	1667735C1	C	N72	12	OR	1667737C1	1671603C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
A	N70C	10	RD	1667737C1	1667735C1																										
B	N68C	10	BN	1667737C1	1667735C1																										
C	N72	12	OR	1667737C1	1671603C1																										
		<p>BLACK AUX TRAILER SOCKET #2 (9782F) (LOCATED BACK OF CAB FOR AUX TRAILER SOCKET INTERCONNECT)</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N54C</td> <td>10</td> <td>BN</td> <td>2025425C1</td> <td>1667735C1</td> </tr> <tr> <td>B</td> <td>N56C</td> <td>10</td> <td>YL</td> <td>2025425C1</td> <td>1667735C1</td> </tr> <tr> <td>C</td> <td>N57C</td> <td>10</td> <td>LTGN</td> <td>2025425C1</td> <td>1667735C1</td> </tr> </tbody> </table> <p>CONNECTOR 1667732C1 BODY LOCK 1667734C1</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N54C	10	BN	2025425C1	1667735C1	B	N56C	10	YL	2025425C1	1667735C1	C	N57C	10	LTGN	2025425C1	1667735C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
A	N54C	10	BN	2025425C1	1667735C1																										
B	N56C	10	YL	2025425C1	1667735C1																										
C	N57C	10	LTGN	2025425C1	1667735C1																										
		<p>ISO TRAILER SOCKET (9782F) (LOCATED BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R94T</td> <td>10</td> <td>DKBL</td> <td>2025423C1</td> <td>2025427C1</td> </tr> <tr> <td>B</td> <td>R94TA</td> <td>12</td> <td>YL</td> <td>2025422C1</td> <td>2025422C1</td> </tr> </tbody> </table> <p>CONNECTOR 2031520C1 BODY LOCK 2033927C1</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94T	10	DKBL	2025423C1	2025427C1	B	R94TA	12	YL	2025422C1	2025422C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
A	R94T	10	DKBL	2025423C1	2025427C1																										
B	R94TA	12	YL	2025422C1	2025422C1																										
		<p>ISO TRAILER SOCKET (9782M) (LOCATED BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R94T</td> <td>10</td> <td>DKBL</td> <td>2031531C1</td> <td>2025427C1</td> </tr> <tr> <td>B</td> <td>R94TA</td> <td>12</td> <td>YL</td> <td>2031531C1</td> <td>2025428C1</td> </tr> </tbody> </table> <p>CONNECTOR 2031522C1 BODY LOCK 2033927C1</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94T	10	DKBL	2031531C1	2025427C1	B	R94TA	12	YL	2031531C1	2025428C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
A	R94T	10	DKBL	2031531C1	2025427C1																										
B	R94TA	12	YL	2031531C1	2025428C1																										
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																									
0488	25JUN14	REVISED AND REDRAWN.	C	92603H	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																									
				RELEASE NO.	DATE	PART NO.	SHEET																								
				92218B	31JUL13	AE08058187	158																								

Figure 972 Connector Composites (9781M), (9782F), (9782M)

13.297. CONNECTOR COMPOSITES (9783), (9783F), (9783M), (9784M), P. 159

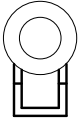

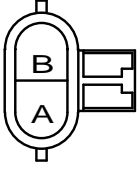
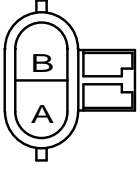
<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 13</b>																			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																					
<p>TRAILER AUX POWER (9783) (LOCATED AT END OF FRAME NEAR REAR AXLES)</p>  <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R72</td> <td>10</td> <td>LTGN</td> <td>1687848C1</td> <td>0589390C1</td> </tr> </tbody> </table> <p>CONNECTOR 1669834C1 BOBY LOCK 1675033C1</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R72	10	LTGN	1687848C1	0589390C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																				
A	R72	10	LTGN	1687848C1	0589390C1																				
<p>BLACK ABS TRLR SOCKET GND (9783F) (LOCATED AT END OF FRAME NEAR REAR AXLES)</p>  <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N10C</td> <td>8</td> <td>WH</td> <td>3700153C1</td> <td>3537135C1</td> </tr> <tr> <td>A</td> <td>N10-GP</td> <td>8</td> <td>WH</td> <td>3700153C1</td> <td>3537135C1</td> </tr> </tbody> </table> <p>CONNECTOR 3537133C1</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N10C	8	WH	3700153C1	3537135C1	A	N10-GP	8	WH	3700153C1	3537135C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																				
A	N10C	8	WH	3700153C1	3537135C1																				
A	N10-GP	8	WH	3700153C1	3537135C1																				
<p>BLACK ABS TRLR SOCKET GND (9783M) (LOCATED AT END OF FRAME NEAR REAR AXLES) W/ TRANSTAR</p>  <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N94T</td> <td>10</td> <td>DKBL</td> <td>2031531C1</td> <td>2025427C1</td> </tr> <tr> <td>B</td> <td>N94TA</td> <td>12</td> <td>YL</td> <td>2031531C1</td> <td>2025428C1</td> </tr> </tbody> </table> <p>CONNECTOR 2031522C1 BODY LOCK 2033927C1</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N94T	10	DKBL	2031531C1	2025427C1	B	N94TA	12	YL	2031531C1	2025428C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																				
A	N94T	10	DKBL	2031531C1	2025427C1																				
B	N94TA	12	YL	2031531C1	2025428C1																				
<p>BLACK ABS TRLR SOCKET GND (9784M) (LOCATED AT END OF FRAME NEAR REAR AXLES) W/ TRANSTAR</p>  <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N72V</td> <td>10</td> <td>DKBL</td> <td>2031531C1</td> <td>2025427C1</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> <p>CONNECTOR 2031522C1 BODY LOCK 2033927C1</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N72V	10	DKBL	2031531C1	2025427C1	B	PLUG	-	-	-	-
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																				
A	N72V	10	DKBL	2031531C1	2025427C1																				
B	PLUG	-	-	-	-																				
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																			
0488	25JUN14	REVISED AND REDRAWN.	B	92603H	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																			
					RELEASE NO.	DATE	PART NO.	SHEET																	
					92218B	31JUL13	AE08058187	159																	

Figure 973 Connector Composites (9783), (9783F), (9783M), (9784M)

13.298. CONNECTOR COMPOSITES (9800), P. 160

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

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	R71	14	OR	3559037C1	3575783C1
2	R56	14	OR	3559037C1	3575783C1
3	R57	14	OR	3559037C1	3575783C1
4	R68	14	BN	3559037C1	3575783C1
5*	R32A	18	TN	3559036C1	3509903C1
5*	R36	18	TN	3559036C1	3509903C1
5*	R68	18	BN	3559036C1	3509903C1
6*	R70	14	OR	3559037C1	3575783C1
6*	R32	18	TN	3559036C1	3509903C1
6*	R70	18	OR	3559036C1	3509903C1
7*	R49	18	GY	3559036C1	3509903C1
7*	R49	18	WH	3559036C1	3509903C1
8*	R49A	18	GY	3559036C1	3509903C1
8*	R49A	18	WH	3559036C1	3509903C1
9*	R49-GA	18	WH	3559036C1	3509903C1
9*	R10-GB	18	WH	3559036C1	3509903C1
10	R9D	18	GY	3559036C1	3509903C1
11*	R9C	18	GY	3559036C1	3509903C1
11*	R9B	18	GY	3559036C1	3509903C1
12*	R11-GTL	12	WH	3559037C1	3575783C1
12*	R10-G	12	WH	3559037C1	3575783C1
13*	R94R	16	GY	3559037C1	3509903C1
13*	R94A	16	GY	3559037C1	3509903C1
13*	R94M	16	GY	3559037C1	3509903C1
13*	R94BR	16	GY	3559037C1	3509903C1
13*	[R94M]	18	BK	3559036C1	3509903C1
13*	[R94WL]	18	BK	3559036C1	3509903C1
13*	[R94J]	18	BK	3559036C1	3509903C1
14*	R94S	16	OR	3559037C1	3509903C1
14*	R94B	16	OR	3559037C1	3509903C1
14*	R94N	16	OR	3559037C1	3509903C1
14*	R94BQ	16	OR	3559037C1	3509903C1
14*	[R94N]	18	BN	3559036C1	3509903C1
14*	[R94WM]	18	BN	3559036C1	3509903C1
14*	[R94K]	18	BN	3559036C1	3509903C1
15*	R94W	16	DKBL	3559037C1	3509903C1
15*	R94C	16	DKBL	3559037C1	3509903C1
15*	R94PP	16	DKBL	3559037C1	3509903C1
15*	R94BW	16	DKBL	3559037C1	3509903C1
15*	[R94P]	18	BK	3559036C1	3509903C1
15*	[R94WS]	18	BK	3559036C1	3509903C1
15*	[R94T]	18	BK	3559036C1	3509903C1
16*	R94X	16	YL	3559037C1	3509903C1
16*	R94D	16	YL	3559037C1	3509903C1
16*	R94RR	16	YL	3559037C1	3509903C1
16*	R94BV	16	YL	3559037C1	3509903C1
16*	[R94R]	18	BN	3559036C1	3509903C1
16*	[R94WT]	18	BN	3559036C1	3509903C1
16*	[R94U]	18	BN	3559036C1	3509903C1
17*	R94LA	16	GY	3559037C1	3509903C1
17*	R94M	16	BK	3559037C1	3509903C1
17*	R94E	16	BK	3559037C1	3509903C1
17*	R94SS	16	BK	3559037C1	3509903C1
17*	R94BZ	16	BK	3559037C1	3509903C1
17*	[R94WN]	18	BL	3559036C1	3509903C1
17*	[R94L]	18	BL	3559036C1	3509903C1

CONNECTION TO CENTER HARNESS (9800) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)

CONNECTOR 3558022C1  
BODY LOCK 3558056C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
18*	R94LB	16	GY	3559037C1	3509903C1
18*	R94N	16	RD	3559037C1	3509903C1
18*	R94F	16	RD	3559037C1	3509903C1
18*	R94TT	16	RD	3559037C1	3509903C1
18*	R94BY	16	RD	3559037C1	3509903C1
18*	[R94G7]	18	GN	3559036C1	3509903C1
18*	[R94G8]	18	GN	3559036C1	3509903C1
19*	R94LC	16	GY	3559037C1	3509903C1
19*	R94P	16	BN	3559037C1	3509903C1
19*	R94H	16	BN	3559037C1	3509903C1
19*	R94UU	16	BN	3559037C1	3509903C1
19*	R94BP	16	BN	3559037C1	3509903C1
19*	[R94WR]	18	BN	3559036C1	3509903C1
19*	[R94M]	18	BN	3559036C1	3509903C1
20*	R94RJ	16	GY	3559037C1	3509903C1
20*	R94T	16	PL	3559037C1	3509903C1
20*	R94J	16	PL	3559037C1	3509903C1
20*	R94VV	16	PL	3559037C1	3509903C1
20*	R94BS	16	PL	3559037C1	3509903C1
20*	[R94WU]	18	BL	3559036C1	3509903C1
20*	[R94P]	18	BL	3559036C1	3509903C1
21*	R94RK	16	GY	3559037C1	3509903C1
21*	R94U	16	LTGN	3559037C1	3509903C1
21*	R94K	16	LTGN	3559037C1	3509903C1
21*	R94W	16	LTGN	3559037C1	3509903C1
21*	R94BT	16	LTGN	3559037C1	3509903C1
21*	[R94G6]	18	GN	3559036C1	3509903C1
21*	[R94G9]	18	GN	3559036C1	3509903C1
22*	R94RL	16	GY	3559037C1	3509903C1
22*	R94V	16	LTBL	3559037C1	3509903C1
22*	R94L	16	LTBL	3559037C1	3509903C1
22*	R94X	16	LTBL	3559037C1	3509903C1
22*	R94BU	16	LTBL	3559037C1	3509903C1
22*	[R94WW]	18	BN	3559036C1	3509903C1
22*	[R94S]	18	BN	3559036C1	3509903C1
23*	R94BD	16	BN	3559037C1	3509903C1
23*	[R94WX]	18	BN	3559036C1	3509903C1
24*	R94BE	16	YL	3559037C1	3509903C1
24*	[R94WZ]	18	BL	3559036C1	3509903C1

\* MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0488	25JUN14	REVISED AND REDRAWN.	B	92603H	MJVO195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					92218B	31JUL13
						PART NO.
						AE08058187
						SHEET
						160

Figure 974 Connector Composites (9800)



13.299. CONNECTOR COMPOSITES (9800), (9801), (9809), (9810), (9811), (9812), P. 161

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 13</b>	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN			
<p style="font-size: 24px; margin: 0;">INTENTIONALLY LEFT BLANK</p>							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
0488	24MAR15	REMOVED GEOMETRY.	D	92927M	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
					RELEASE NO.	DATE	PART NO. SHEET
					92218B	31 JUL 13	AE08058187 161

Figure 975 Connector Composites (9800), (9801), (9809), (9810), (9811), (9812)

13.300. CONNECTOR COMPOSITES (9814), (9814A), (9815), (9815A), (9820F), (9820M), (9824), P. 162

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>				<b>CHAPTER 13</b>							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.								CONNECTOR BODY COMPOSITES MATING VIEW SHOWN							
<p style="font-size: 24px; margin: 0;">INTENTIONALLY LEFT BLANK</p>															
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME									
0488	24MAR15	REMOVED GEOMETRY.	C	92927M	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500									
					RELEASE NO.	DATE	PART NO.	SHEET							
					92218B	31JUL13	AE08058187	162							

Figure 976 Connector Composites (9814), (9814A), (9815), (9815A), (9820F), (9820M), (9824)

13.301. CONNECTOR COMPOSITES (9830), (9832), (9865M), (9865MA), (9900) P. 163

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>				<b>CHAPTER 13</b>			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN							
<p style="font-size: 24px; margin: 0;">INTENTIONALLY LEFT BLANK</p>											
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME					
0488	24MAR15	REMOVED GEOMETRY.	C	92927M	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500					
					RELEASE NO.	DATE	PART NO.	SHEET			
					92218B	31JUL13	AE08058187	163			

Figure 977 Connector Composites (9830), (9832), (9865M), (9865MA), (9900)

13.302. CONNECTOR COMPOSITES (9900A), (9900AA), (9900AC), (9900AD), (9900AE), (9900AF), (9900AG), P. 164

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>				<b>CHAPTER 13</b>							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.								CONNECTOR BODY COMPOSITES MATING VIEW SHOWN							
<p style="font-size: 24px; margin: 0;">INTENTIONALLY LEFT BLANK</p>															
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME									
0488	24MAR15	REMOVED GEOMETRY.	B	92927M	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500									
					RELEASE NO.	DATE	PART NO.	SHEET							
					92218B	31JUL13	AE08058187	164							

Figure 978 Connector Composites (9900A), (9900AA), (9900AC), (9900AD), (9900AE), (9900AF), (9900AG)

13.303. CONNECTOR COMPOSITES (9900C), (9900C1), (9900D), (9900E), P. 165

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 13</b>	
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<p><b>INTENTIONALLY LEFT BLANK</b></p>							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
0488	24MAR15	REMOVED GEOMETRY.	B	92927M	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
					RELEASE NO.	DATE	PART NO. SHEET
					92218B	31JUL13	AE08058187 165

Figure 979 Connector Composites (9900C), (9900C1), (9900D), (9900E)

13.304. CONNECTOR COMPOSITES (9900G), (9911), (9913A), (9913B), P. 166

<p><b>NAVISTAR, INC</b></p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>				<p><b>ELECTRICAL CIRCUIT DIAGRAM</b>      <b>CHAPTER 13</b></p> <p>CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p>			
<p><b>INTENTIONALLY LEFT BLANK</b></p>							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
0488	24MAR15	REMOVED GEOMETRY.	B	92927M	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
					RELEASE NO.	DATE	PART NO. SHEET
					92218B	31JUL13	AE08058187 166

Figure 980 Connector Composites (9900G), (9911), (9913A), (9913B)

13.305. CONNECTOR COMPOSITES (9915), (9916), (9920), (9921), P. 167

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>				<b>CHAPTER 13</b>			
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<p style="font-size: 24px; margin: 0;">INTENTIONALLY LEFT BLANK</p>											
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME					
0488	24MAR15	REMOVED GEOMETRY.	B	92927M	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500					
					RELEASE NO.	DATE	PART NO.	SHEET			
					92218B	31JUL13	AE08058187	167			

Figure 981 Connector Composites (9915), (9916), (9920), (9921)

13.306. CONNECTOR COMPOSITES (9930), (9965M), (9989), P. 168

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>				<b>CHAPTER 13</b>							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.								CONNECTOR BODY COMPOSITES MATING VIEW SHOWN							
<p style="font-size: 24px; font-weight: bold;">INTENTIONALLY LEFT BLANK</p>															
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME									
0488	24MAR15	REMOVED GEOMETRY.	B	92927M	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500									
					RELEASE NO.	DATE	PART NO.	SHEET							
					92218B	31JUL13	AE08058187	168							

Figure 982 Connector Composites (9930), (9965M), (9989)



## CONNECTOR COMPOSITES (CHAPTER 14)

### 14.1. CONNECTOR COMPOSITES (9200A), (9200B), (9570K), (9715), (9625), (9714F), (9715), P. 1

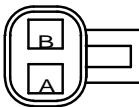
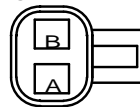
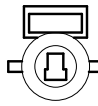
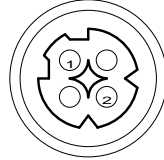

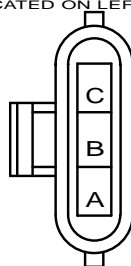
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 14				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN						
LEFT SIDE HTD DRAIN VALVE (9200A) (LOCATED ON LEFT REAR FRAME RAIL)					LEFT SIDE HTD DRAIN VALVE (9200B) (LOCATED ON LEFT REAR FRAME RAIL)						
											
CONNECTOR 1671610C1 BODY LOCK 1671608C1					CONNECTOR 1671610C1 BODY LOCK 1671608C1						
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV
A	N39A	18	GY	2033819C1	1652325C1	A	N39A	18	GY	2033819C1	1652325C1
B	N39-GF	18	WH	2033819C1	1652325C1	B	N39-GF	18	WH	2033819C1	1652325C1
HYD ABS MODULE POWER FEED CONN (9570K) (LOCATED IN CHASSIS)					HILL START AID COVER (9625) (LOCATED IN CHASSIS)						
											
CONNECTOR 1664531C1					CONNECTOR 3678796C1						
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	MK90A	10	GY	1687847C1	0589390C1	1	N94AA	16	GY	3679224C1	3601687C1
						2	N94AB	16	GY	3679224C1	3601687C1
					W/ TRANSTAR						
ISO TRAILER SOCKET GND (9714F) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)					TRAILER SOCKET #1 (9715) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)						
											
CONNECTOR 3537133C1					CONNECTOR 1667733C1 BODY LOCK 1667734C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R10B	8	WH	3700153C1	3537135C1	A*	N70F	10	RD	1667737C1	1667735C1
						A#	N70T	10	RD	1667737C1	1667735C1
						B*	N68F	10	BN	1667737C1	1667735C1
						B#	N68T	10	BN	1667737C1	1667735C1
						C*	N94F	10	GY	1667737C1	1667735C1
						C#	N94T	10	GY	1667737C1	1667735C1
					* W/ TRAILER SOCKET # W/ BODY BUILDER						
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME					
0488	24MAR15	ADDED R/D 9200A AND	B	92927M	23123982	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500					
					RELEASE NO.	DATE	PART NO.	SHEET			
	9200B				92674A	18OCT14	AE08079252	001			

Figure 983 Connector Composites (9200A), (9200B), (9570K), (9715), (9625), (9714F), (9715)

14.2. CONNECTOR COMPOSITES (9715F), (9715F1), (9716), P. 2

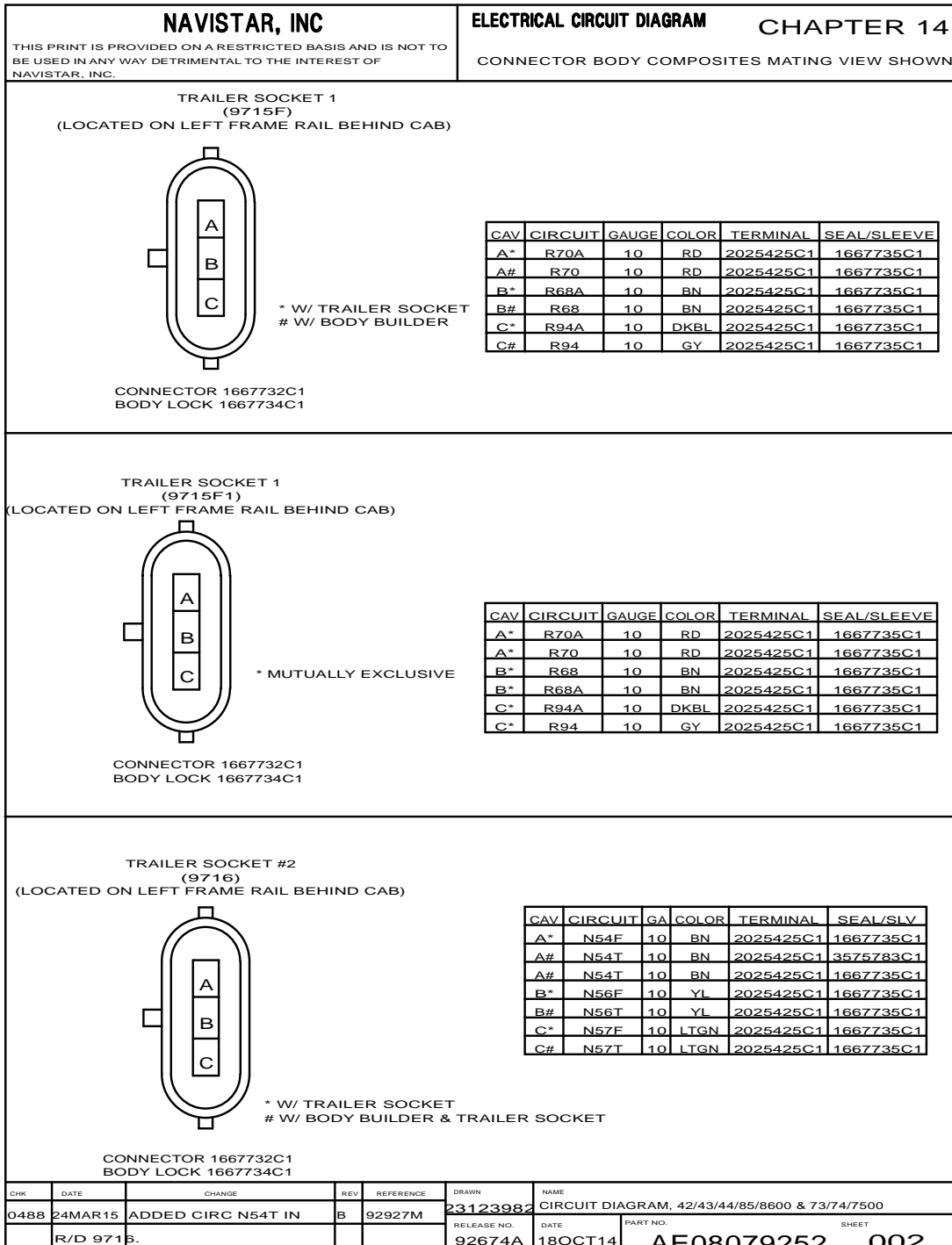


Figure 984 Connector Composites (9715F), (9715F1), (9716)

14.3. CONNECTOR COMPOSITES (9716M), (9716M1), (9717), P. 3

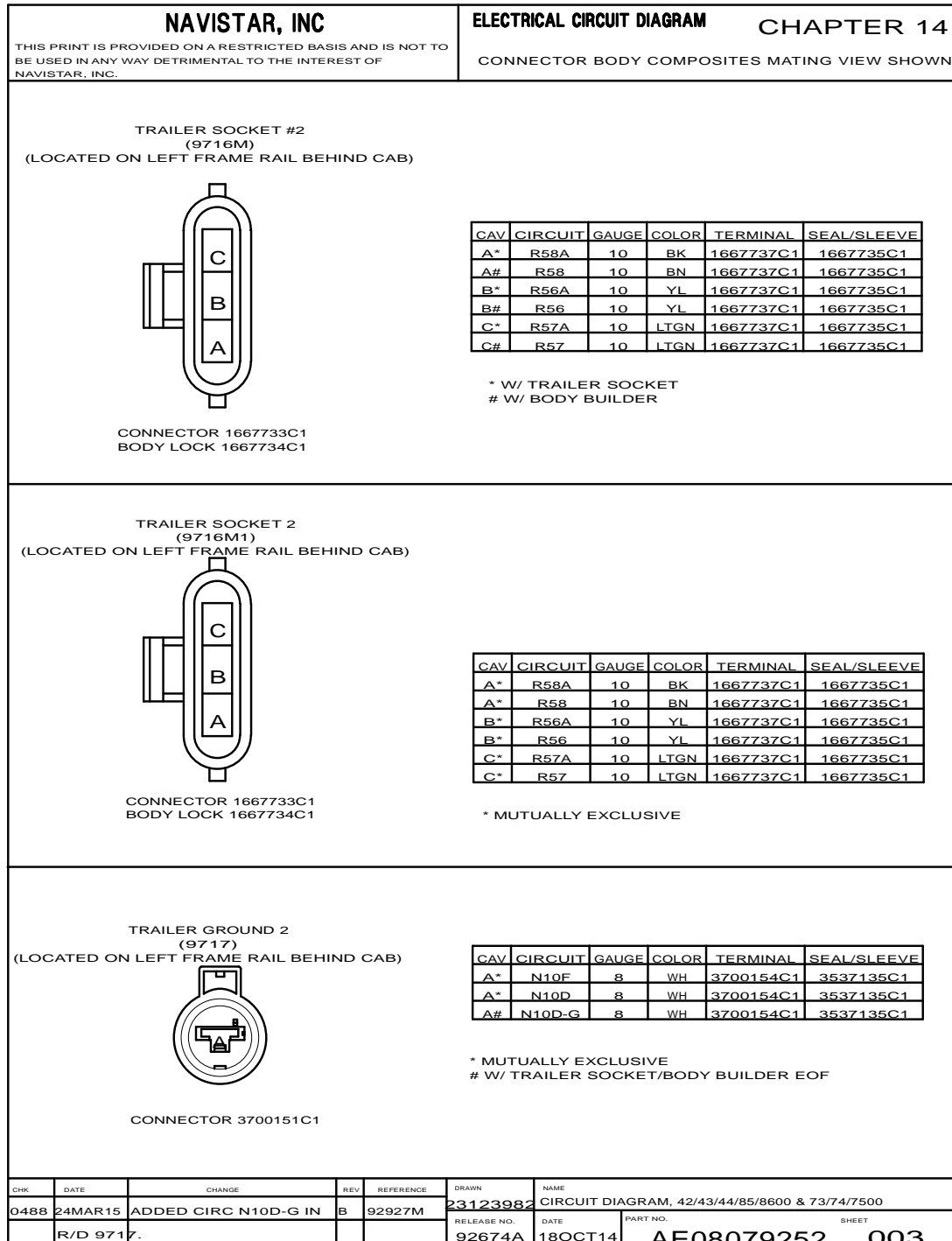


Figure 985 Connector Composites (9716M), (9716M1), (9717)

14.4. CONNECTOR COMPOSITES (9717D), (9717F), (9717F1), (9718A), P. 4

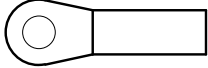


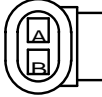
<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 14</b>																									
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																											
<p>HYD BRAKES GND (9717D) (LOCATED IN CHASSIS)</p>  <p>TERMINAL 3710088C1</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <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>N90-G</td> <td>10</td> <td>WH</td> <td>2034790C1</td> <td>2644054R1</td> </tr> </tbody> </table> <p style="text-align: right;"># W/ NEXT GEN HYD BRAKES</p>								CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A#	N90-G	10	WH	2034790C1	2644054R1												
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																										
A#	N90-G	10	WH	2034790C1	2644054R1																										
<p>TRAILER GROUND (9717F) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)</p>  <p>CONNECTOR 3517817C1</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A*</td> <td>R10A</td> <td>8</td> <td>WH</td> <td>3517818C1</td> </tr> <tr> <td>A*</td> <td>R10</td> <td>8</td> <td>WH</td> <td>3517818C1</td> </tr> </tbody> </table> <p style="text-align: right;">* MUTUALLY EXCLUSIVE</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A*	R10A	8	WH	3517818C1	A*	R10	8	WH	3517818C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																											
A*	R10A	8	WH	3517818C1																											
A*	R10	8	WH	3517818C1																											
<p>TRAILER GROUND (9717F1) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)</p>  <p>CONNECTOR 3537133C1</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A*</td> <td>R10A</td> <td>8</td> <td>WH</td> <td>3700153C1</td> <td>3537135C1</td> </tr> <tr> <td>A*</td> <td>R10</td> <td>8</td> <td>WH</td> <td>3700153C1</td> <td>3537135C1</td> </tr> </tbody> </table> <p style="text-align: right;">* MUTUALLY EXCLUSIVE</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	R10A	8	WH	3700153C1	3537135C1	A*	R10	8	WH	3700153C1	3537135C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
A*	R10A	8	WH	3700153C1	3537135C1																										
A*	R10	8	WH	3700153C1	3537135C1																										
<p>WORK LIGHT (9718A) (LOCATED ON LEFT FRAME RAIL AT BACK OF DAYCAB)</p>  <p>CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N65</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B*</td> <td>N65-G</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B*</td> <td>N65-GA</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661875C1</td> </tr> </tbody> </table> <p style="text-align: right;">* MUTUALLY EXCLUSIVE</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N65	16	OR	1661875C1	1661872C1	B*	N65-G	16	WH	1661875C1	1661872C1	B*	N65-GA	16	WH	1661875C1	1661875C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
A	N65	16	OR	1661875C1	1661872C1																										
B*	N65-G	16	WH	1661875C1	1661872C1																										
B*	N65-GA	16	WH	1661875C1	1661875C1																										
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																									
0488	20NOV14	INITIAL RELEASE.	A	92674A	23123982	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																									
					RELEASE NO.	DATE	PART NO.																								
					92674A	18OCT14	AE08079252																								
							SHEET 004																								

Figure 986 Connector Composites (9717D), (9717F), (9717F1), (9718A)

14.5. CONNECTOR COMPOSITES (9719M), (9720), (9722), (9726), P. 5

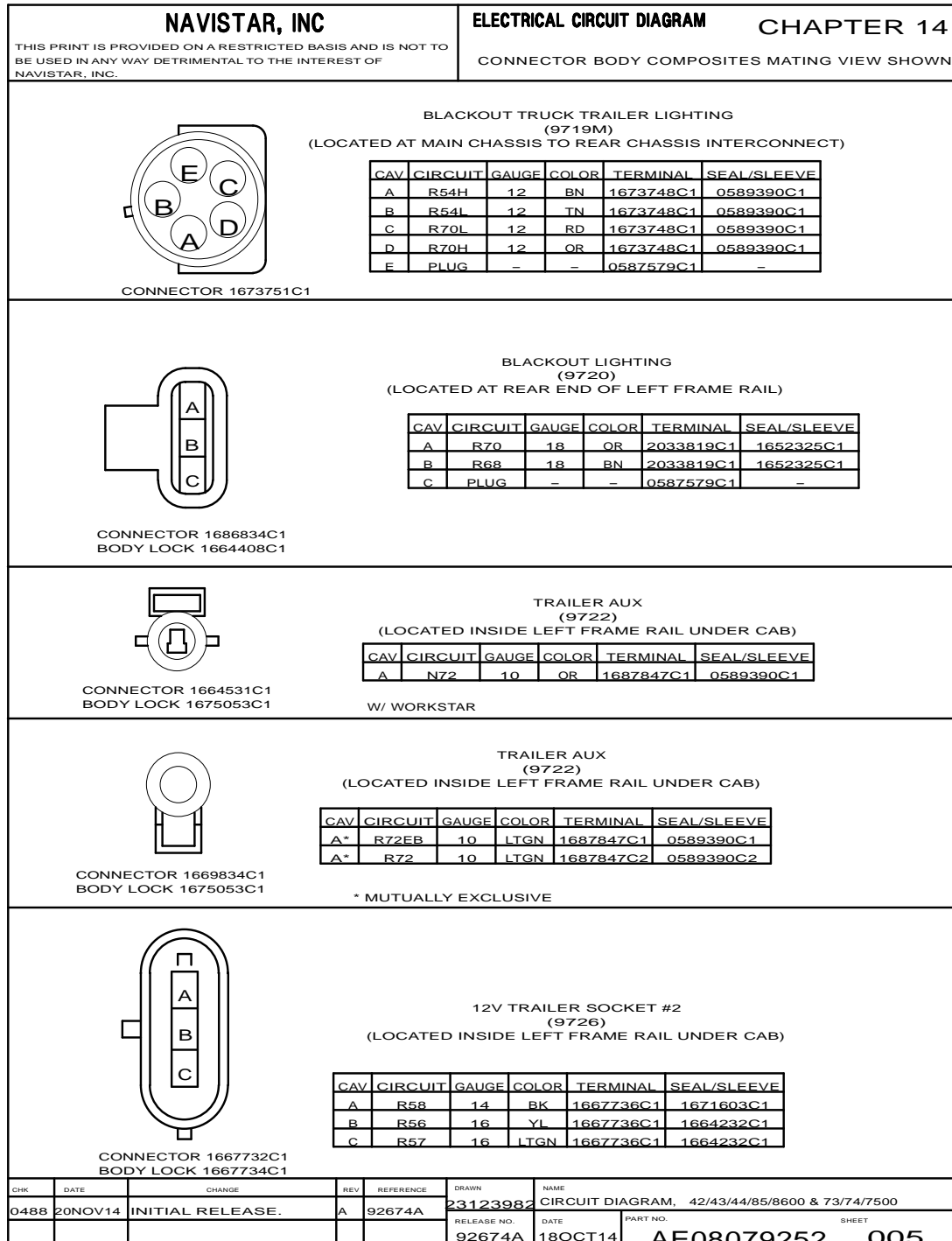


Figure 987 Connector Composites (9719M), (9720), (9722), (9726)

14.6. CONNECTOR COMPOSITES (9727), (9728), (9729), (9736), P. 6

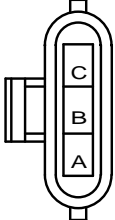

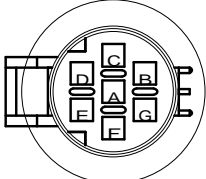
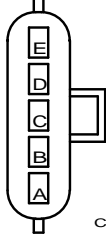
<b>NAVISTAR, INC</b>		<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 14</b>																																																	
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<p>CONNECTOR 3517817C1</p>																																																					
		<p>12V TRAILER INTERCONNECT (9729) (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R68</td> <td>14</td> <td>BN</td> <td>2033912C1</td> <td>0589391C1</td> </tr> <tr> <td>B</td> <td>R56</td> <td>16</td> <td>YL</td> <td>2033911C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R57</td> <td>16</td> <td>LT GN</td> <td>2033911C1</td> <td>1652325C1</td> </tr> <tr> <td>D</td> <td>R58</td> <td>14</td> <td>BK</td> <td>2033912C1</td> <td>0589391C1</td> </tr> <tr> <td>E</td> <td>R71</td> <td>16</td> <td>OR</td> <td>2033911C1</td> <td>1652325C1</td> </tr> <tr> <td>F</td> <td>R12</td> <td>14</td> <td>LT BL</td> <td>2033912C1</td> <td>0589391C1</td> </tr> <tr> <td>G</td> <td>R11-GA</td> <td>10</td> <td>WH</td> <td>1687848C1</td> <td>0589390C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R68	14	BN	2033912C1	0589391C1	B	R56	16	YL	2033911C1	1652325C1	C	R57	16	LT GN	2033911C1	1652325C1	D	R58	14	BK	2033912C1	0589391C1	E	R71	16	OR	2033911C1	1652325C1	F	R12	14	LT BL	2033912C1	0589391C1	G	R11-GA	10	WH	1687848C1	0589390C1
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<p>W/ WORKSTAR CONNECTOR 1661375C2 BODY LOCK 1661376C1</p>																																																					
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																															
0488	20NOV14	INITIAL RELEASE.	A	92674A	23123982	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																															
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					92674A	18OCT14																																															
					PART NO.	SHEET																																															
					AE08079252	006																																															

Figure 988 Connector Composites (9727), (9728), (9729), (9736)

14.7. CONNECTOR COMPOSITES (9737), (9738), (9739), (9740), P. 7

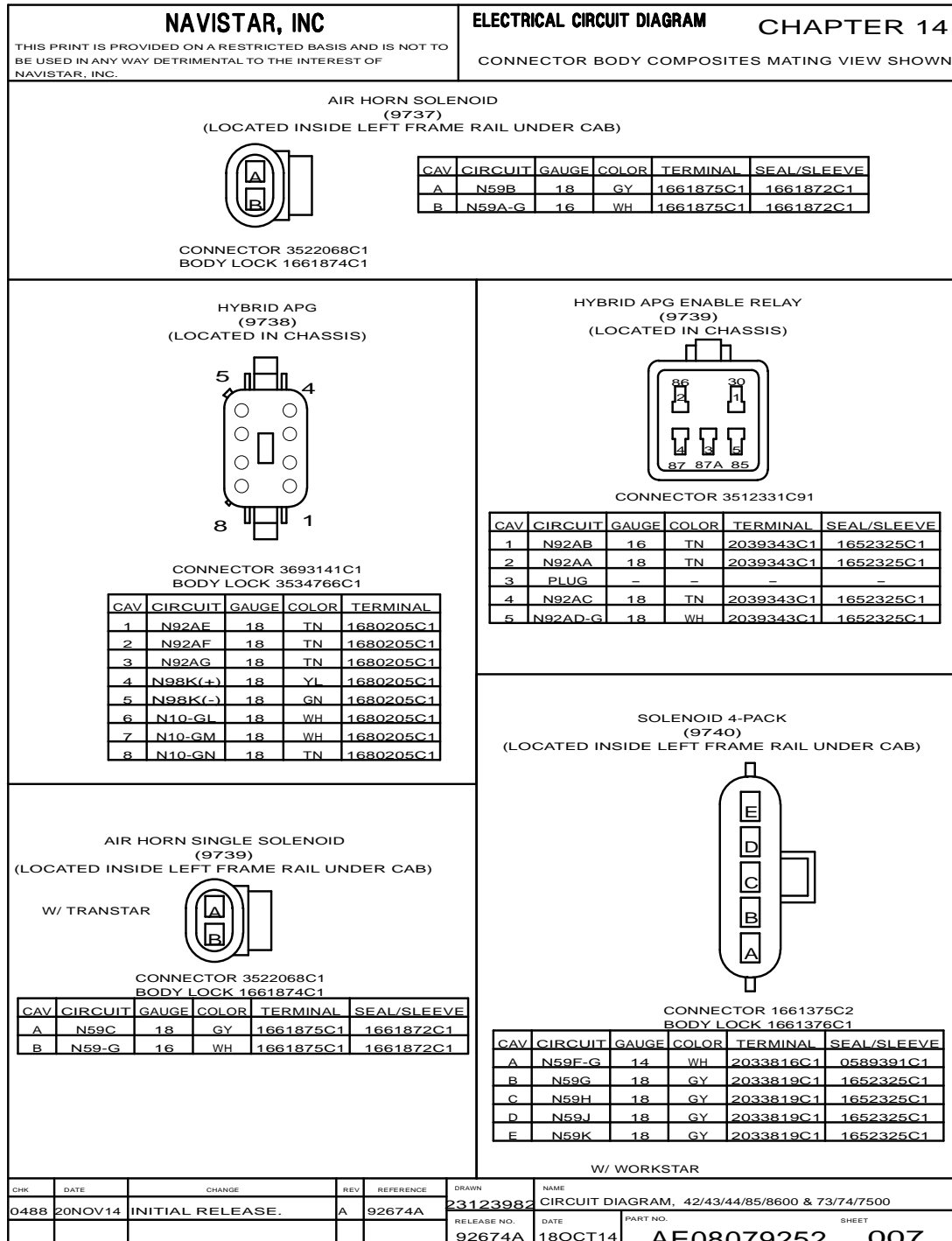


Figure 989 Connector Composites (9737), (9738), (9739), (9740)

14.8. CONNECTOR COMPOSITES (9740), (9740A), (9740B), P. 8

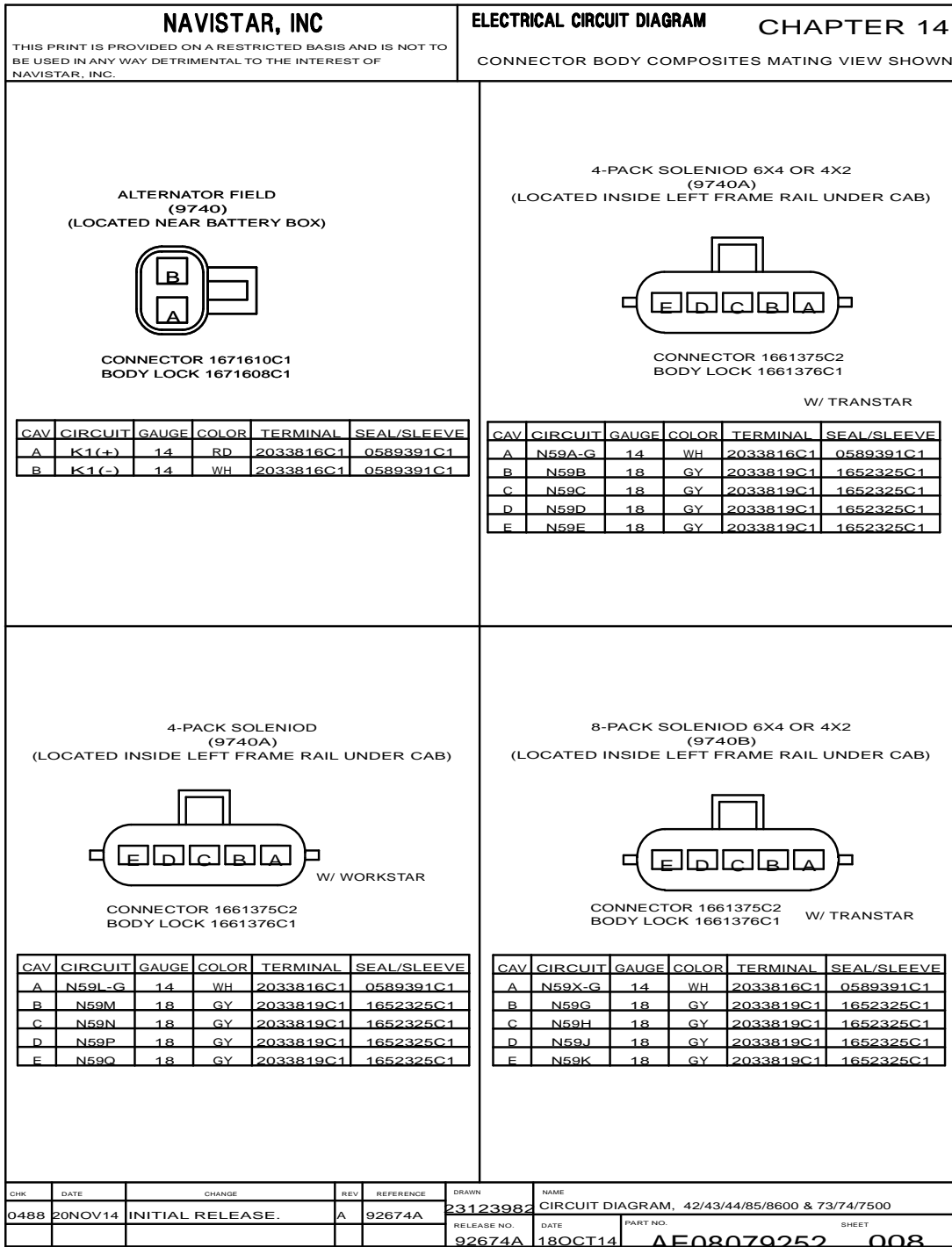


Figure 990 Connector Composites (9740), (9740A), (9740B)



14.9. CONNECTOR COMPOSITES (9740B), (9740C), (9740D), (\*9740E), (9745), P. 9

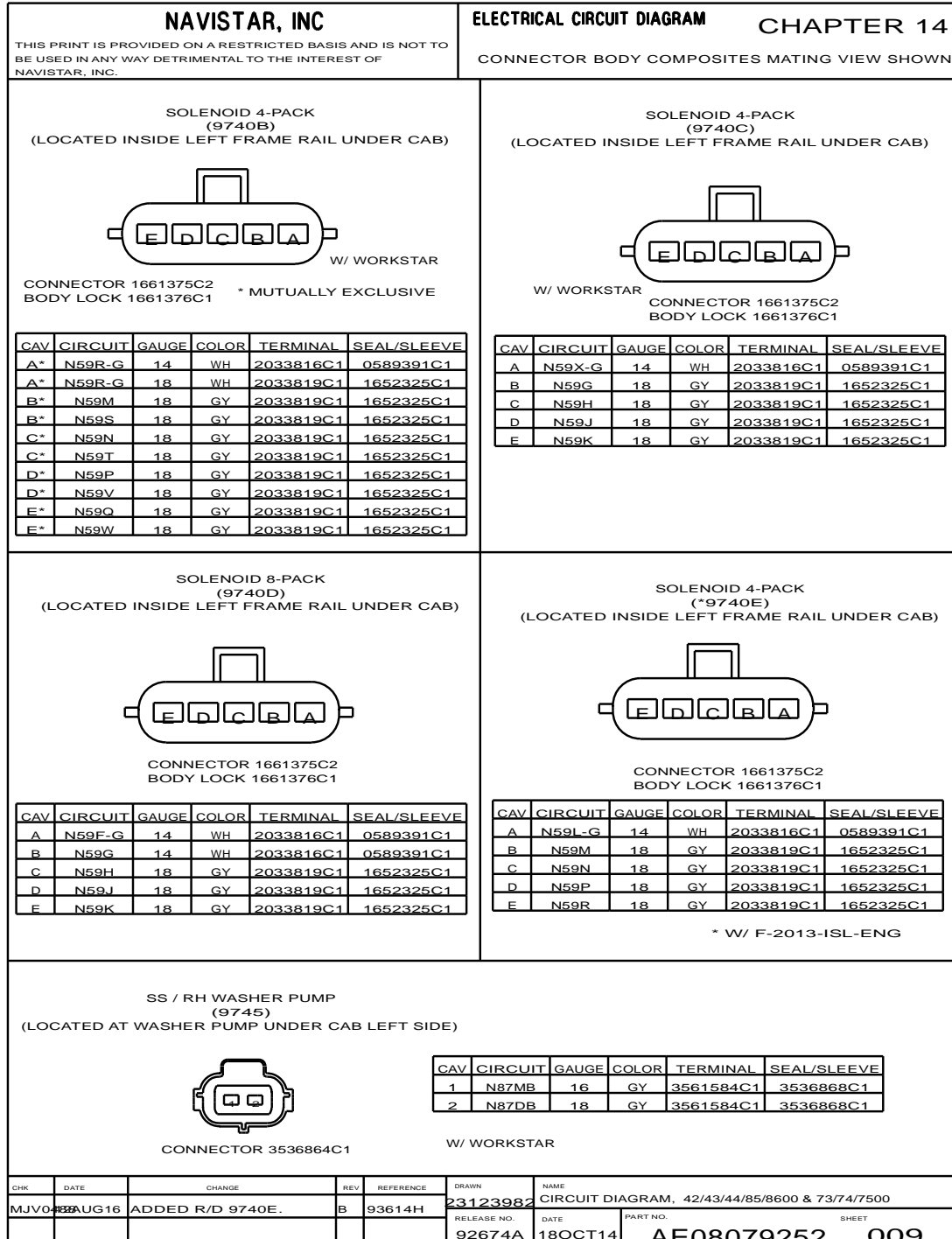


Figure 991 Connector Composites (9740B), (9740C), (9740D), (\*9740E), (9745)

14.10. CONNECTOR COMPOSITES (9745A), (9746), (9746A), (9747), (9748), (9750), P. 10


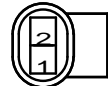
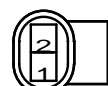
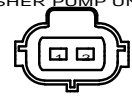
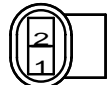
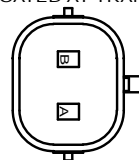
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Figure 992 Connector Composites (9745A), (9746), (9746A), (9747), (9748), (9750)

14.11. CONNECTOR COMPOSITES (9750F), (9751), (9752), (9753), P. 11

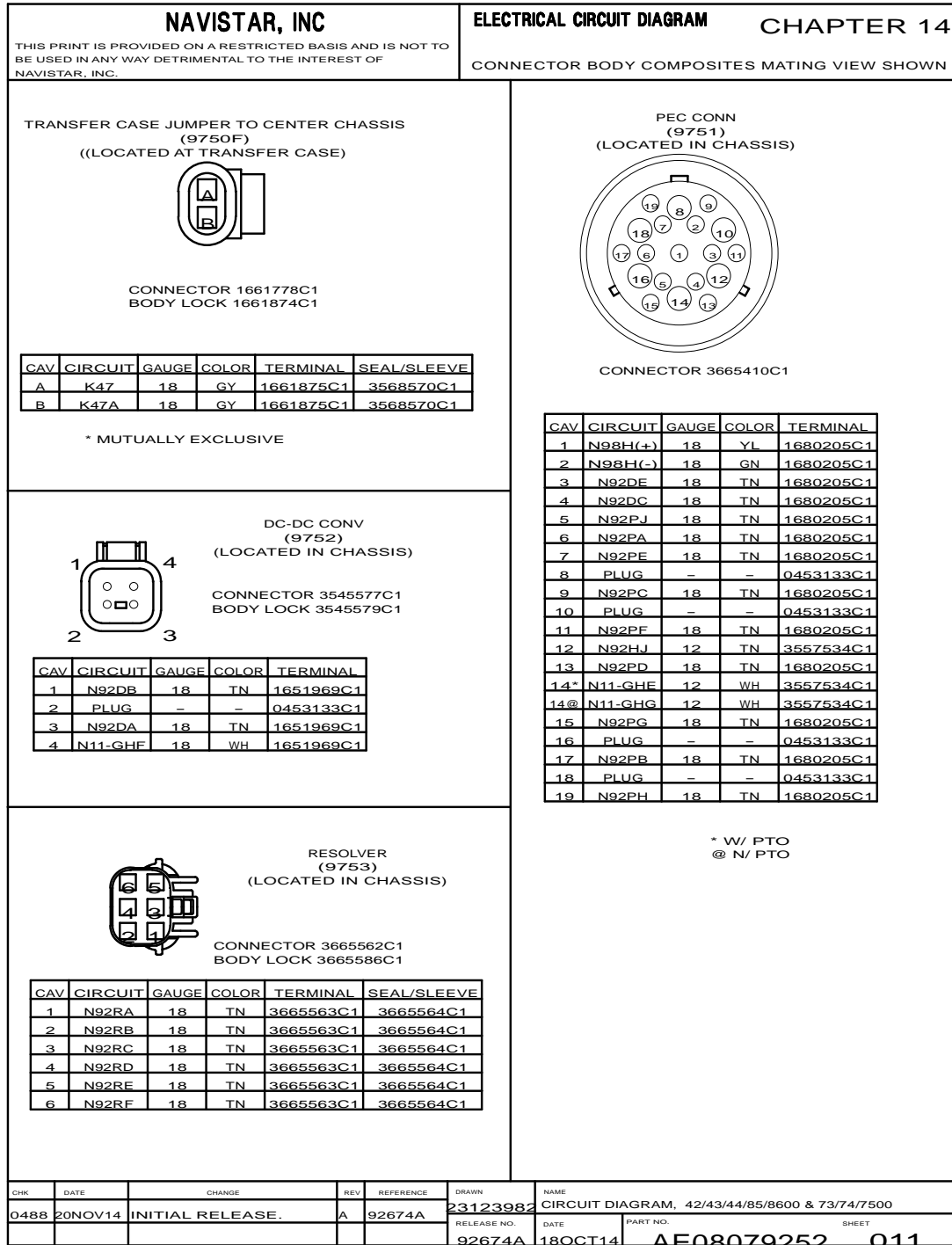


Figure 993 Connector Composites (9750F), (9751), (9752), (9753)

14.12. CONNECTOR COMPOSITES (9753A), (9754), (9754B), (9754D), P. 12

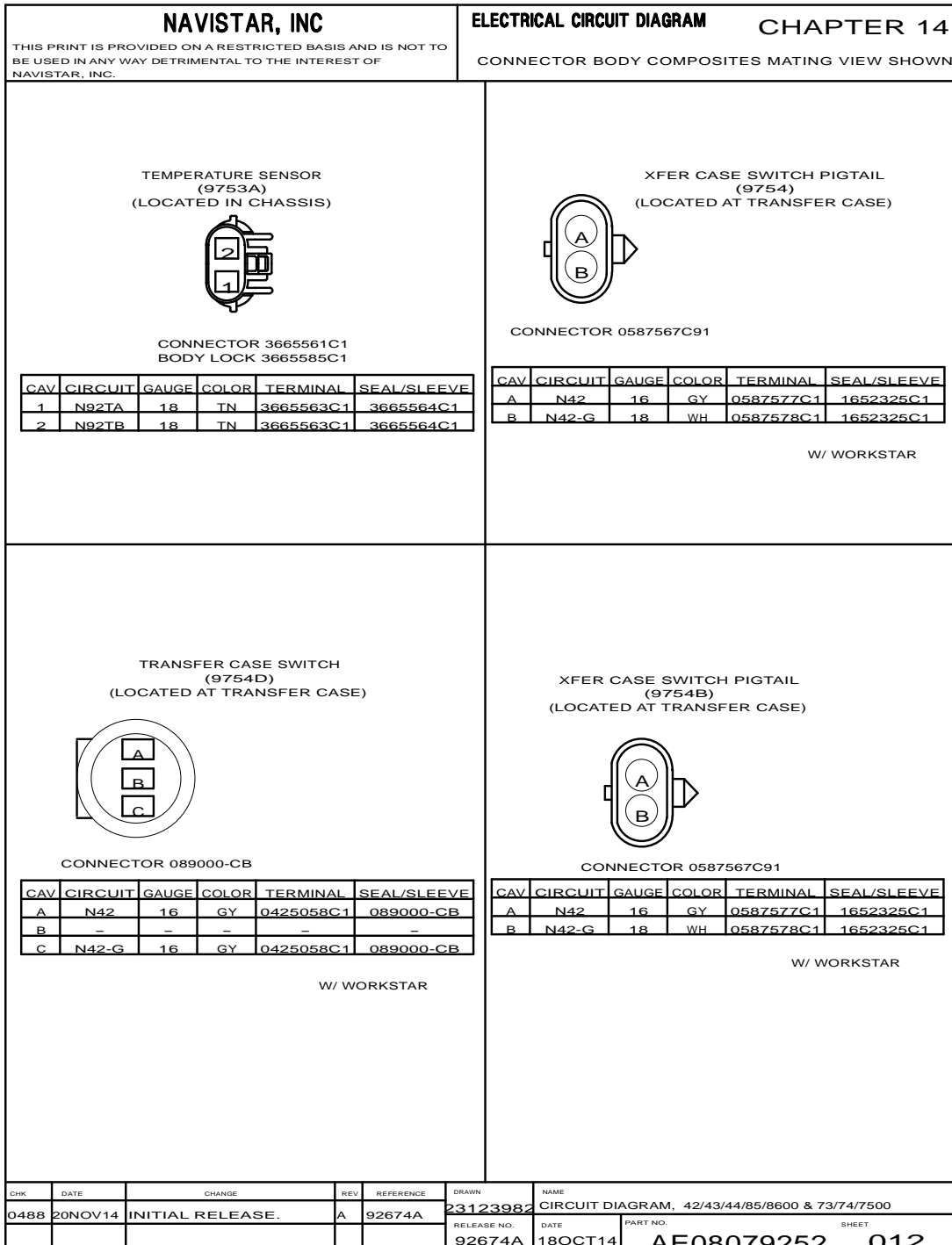


Figure 994 Connector Composites (9753A), (9754), (9754B), (9754D)

14.13. CONNECTOR COMPOSITES (9755), (9755B), (9755D), (9756), P. 13

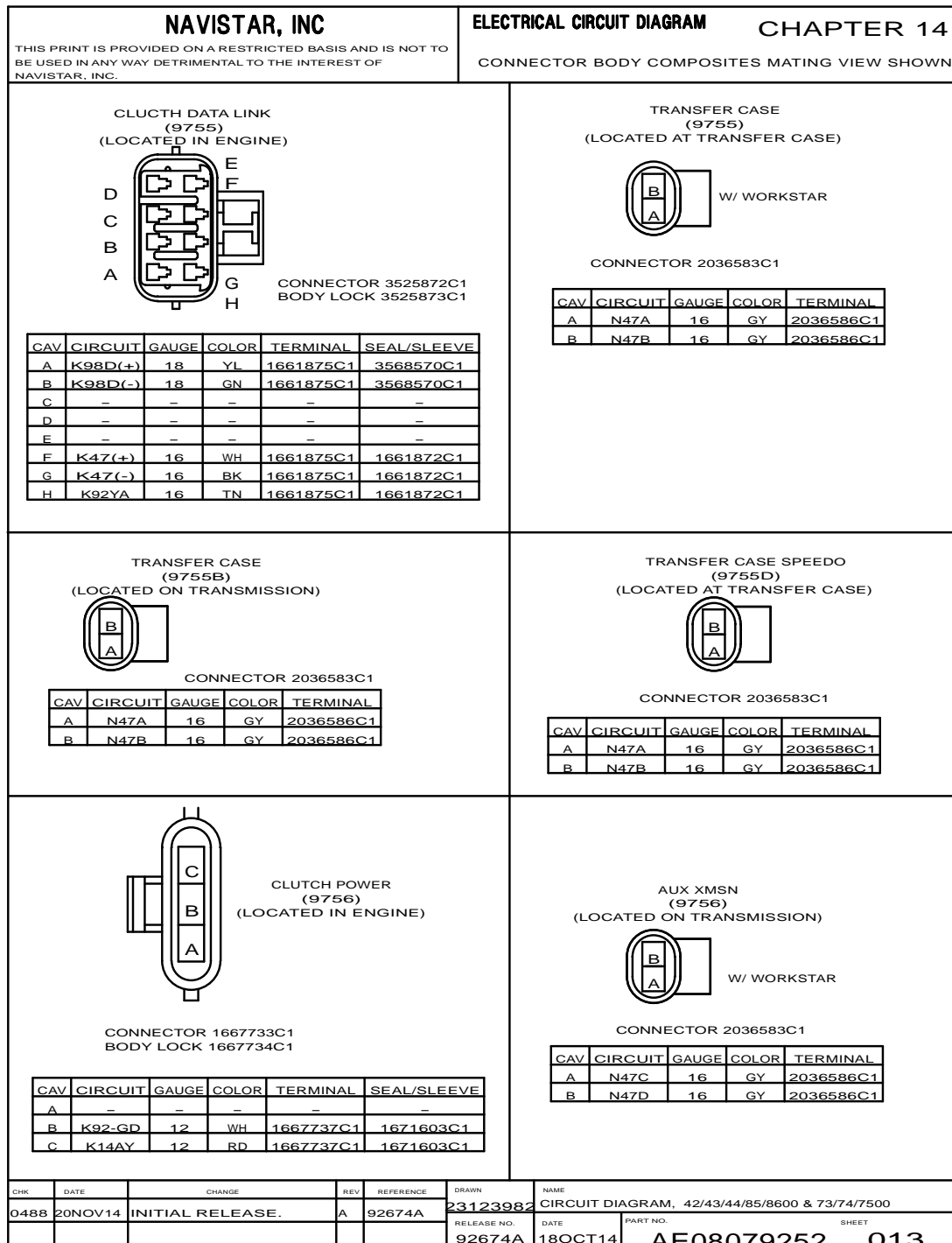


Figure 995 Connector Composites (9755), (9755B), (9755D), (9756)

14.14. CONNECTOR COMPOSITES (9758), (9759), (9760), P. 14

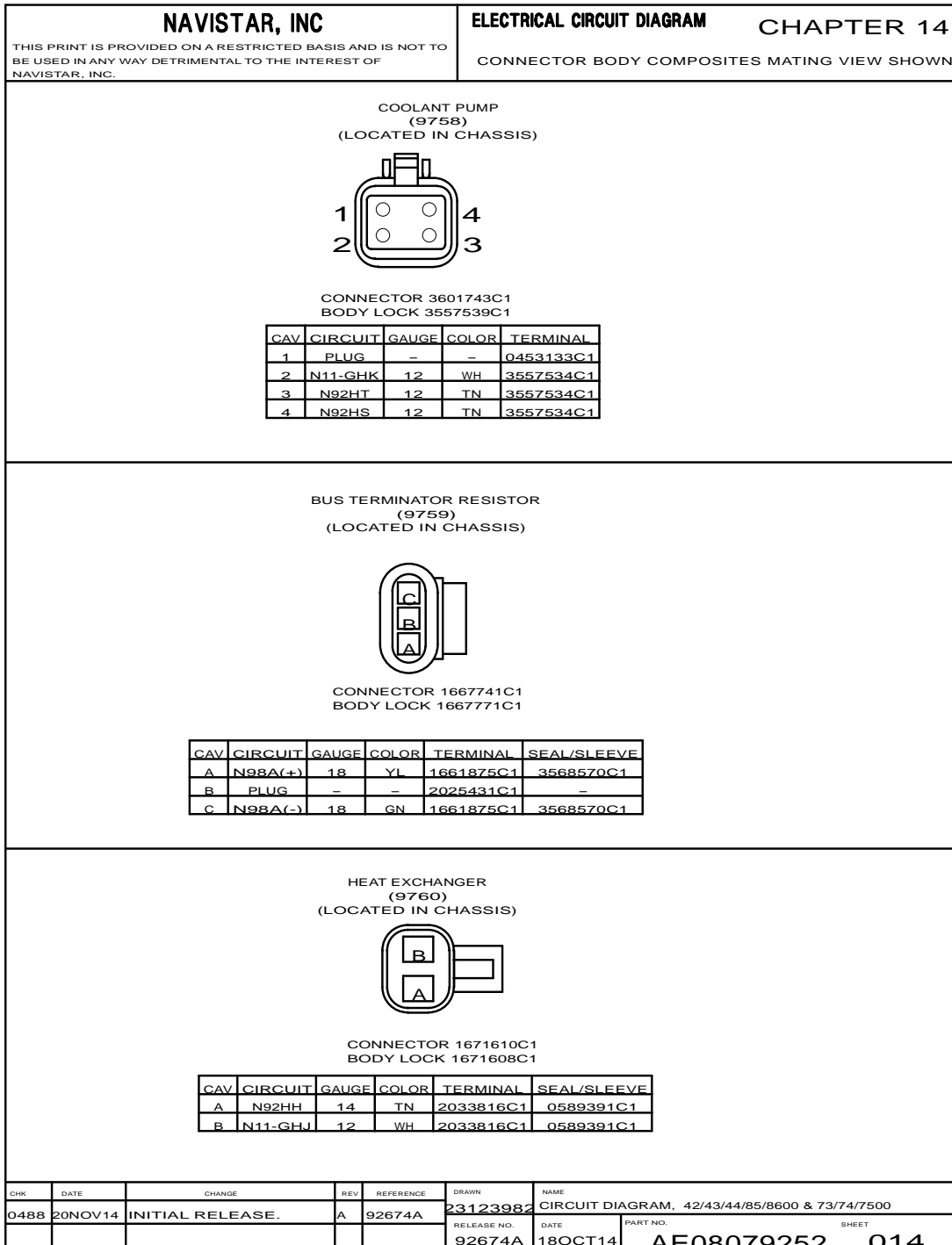


Figure 996 Connector Composites (9758), (9759), (9760)

14.15. CONNECTOR COMPOSITES (9761F), (9762), (9763), (9764), P. 15

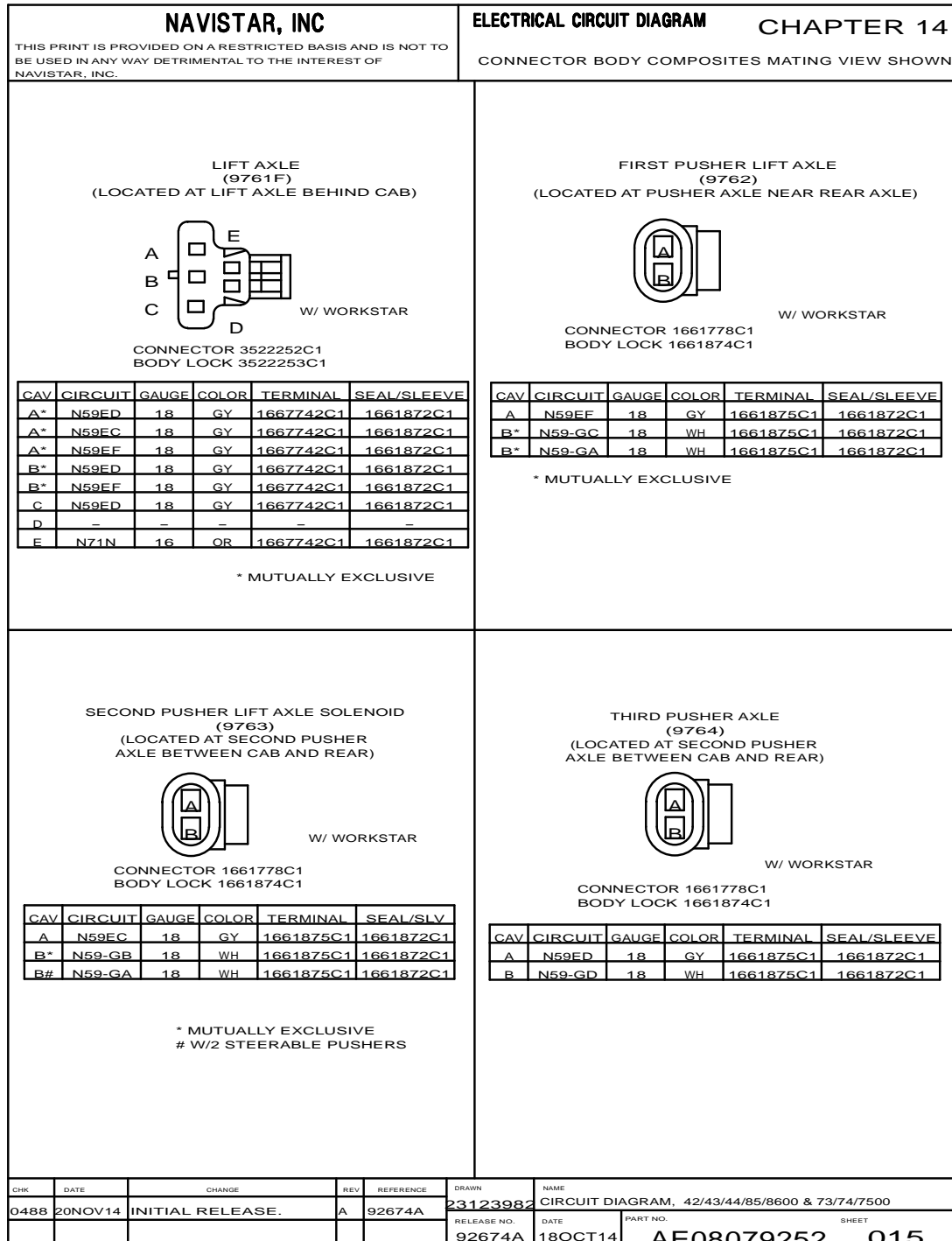


Figure 997 Connector Composites (9761F), (9762), (9763), (9764)

14.16. CONNECTOR COMPOSITES (9765), (9766), (9767), (9775F), (9776F), P. 16

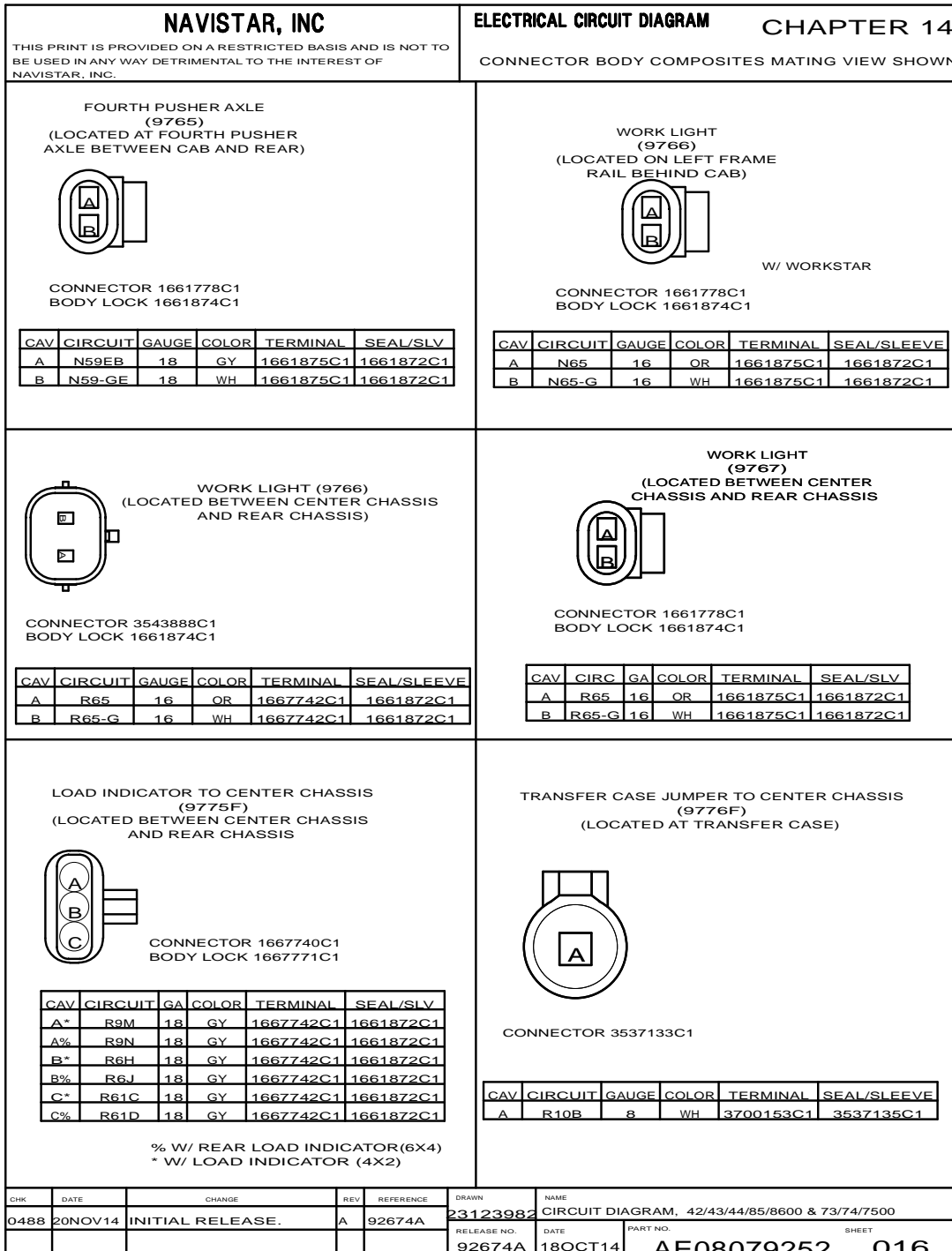


Figure 998 Connector Composites (9765), (9766), (9767), (9775F), (9776F)



14.17. CONNECTOR COMPOSITES (9777), (9777A), (9777E), (9777M), P. 17


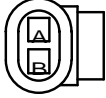
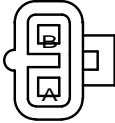
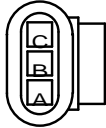
<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>				<b>CHAPTER 14</b>																																													
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																	
<p>SAHR (9777) (LOCATED IN FRONT OF REAR AXLE LEFT SIDE)</p>  <p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRC</th><th>GA</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLV</th></tr> </thead> <tbody> <tr><td>A</td><td>N90D</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>N94-GE</td><td>18</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>N44D</td><td>18</td><td>GY</td><td>1661875C1</td><td>3568570C1</td></tr> </tbody> </table>						CAV	CIRC	GA	COLOR	TERMINAL	SEAL/SLV	A	N90D	16	GY	1661875C1	1661872C1	B	N94-GE	18	WH	1661875C1	1661872C1	C	N44D	18	GY	1661875C1	3568570C1	<p>SAAR SOLENOID (9777A) (LOCATED IN FRONT OF REAR AXLE LEFT SIDE)</p>  <p>CONNECTOR 3522068C1 BODY LOCK 1661874C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRC</th><th>GA</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLV</th></tr> </thead> <tbody> <tr><td>A</td><td>N44C</td><td>18</td><td>GY</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>B</td><td>N90D-G</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>						CAV	CIRC	GA	COLOR	TERMINAL	SEAL/SLV	A	N44C	18	GY	1661875C1	3568570C1	B	N90D-G	16	WH	1661875C1	1661872C1
CAV	CIRC	GA	COLOR	TERMINAL	SEAL/SLV																																																
A	N90D	16	GY	1661875C1	1661872C1																																																
B	N94-GE	18	WH	1661875C1	1661872C1																																																
C	N44D	18	GY	1661875C1	3568570C1																																																
CAV	CIRC	GA	COLOR	TERMINAL	SEAL/SLV																																																
A	N44C	18	GY	1661875C1	3568570C1																																																
B	N90D-G	16	WH	1661875C1	1661872C1																																																
<p>FUEL HEATER (9777E) (LOCATED ON RIGHT SIDE OF FUEL TANK)</p>  <p>W/ DURASTAR</p> <p>CONNECTOR 1673790C1 BODY LOCK 1673791C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>M39B</td><td>16</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>M39-GB</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M39B	16	GY	2033819C1	1652325C1	B	M39-GB	16	WH	2033819C1	1652325C1	<p>SAAR (9777M) (LOCATED IN FRONT OF REAR AXLE LEFT SIDE)</p>  <p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRC</th><th>GA</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLV</th></tr> </thead> <tbody> <tr><td>A</td><td>N44N</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>N44-GB</td><td>18</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>N44M</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>						CAV	CIRC	GA	COLOR	TERMINAL	SEAL/SLV	A	N44N	18	GY	1661875C1	1661872C1	B	N44-GB	18	WH	1661875C1	1661872C1	C	N44M	18	GY	1661875C1	1661872C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																
A	M39B	16	GY	2033819C1	1652325C1																																																
B	M39-GB	16	WH	2033819C1	1652325C1																																																
CAV	CIRC	GA	COLOR	TERMINAL	SEAL/SLV																																																
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B	N44-GB	18	WH	1661875C1	1661872C1																																																
C	N44M	18	GY	1661875C1	1661872C1																																																
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																															
0488	20NOV14	INITIAL RELEASE.	A	92674A	23123982	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																															
					RELEASE NO.	DATE	PART NO.	SHEET																																													
					92674A	18OCT14	AE08079252	017																																													

Figure 999 Connector Composites (9777), (9777A), (9777E), (9777M)

14.18. CONNECTOR COMPOSITES (9778), (9778F), (9778F1), P. 18

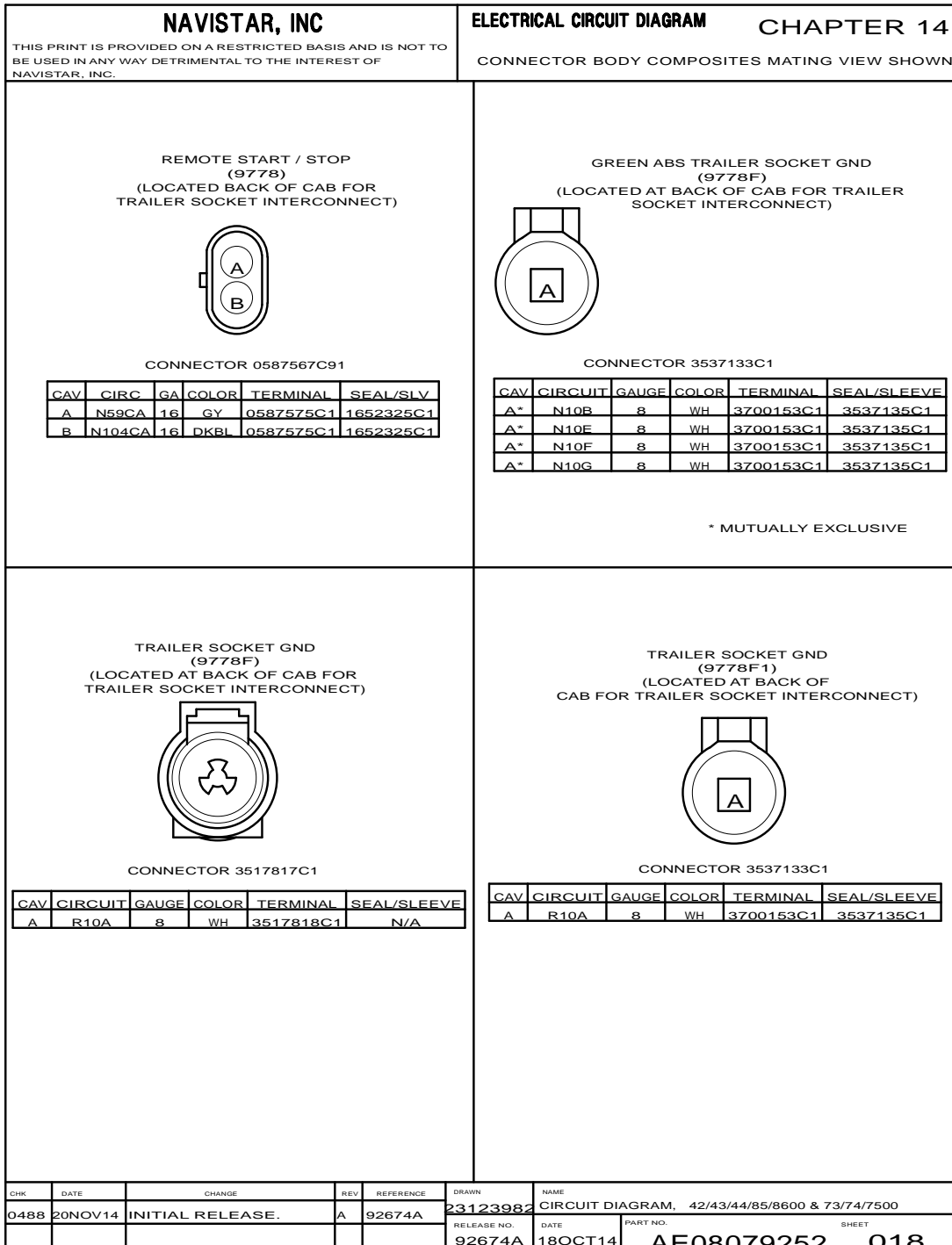


Figure 1000 Connector Composites (9778), (9778F), (9778F1)

14.19. CONNECTOR COMPOSITES (9779F), (9779F1), P. 19

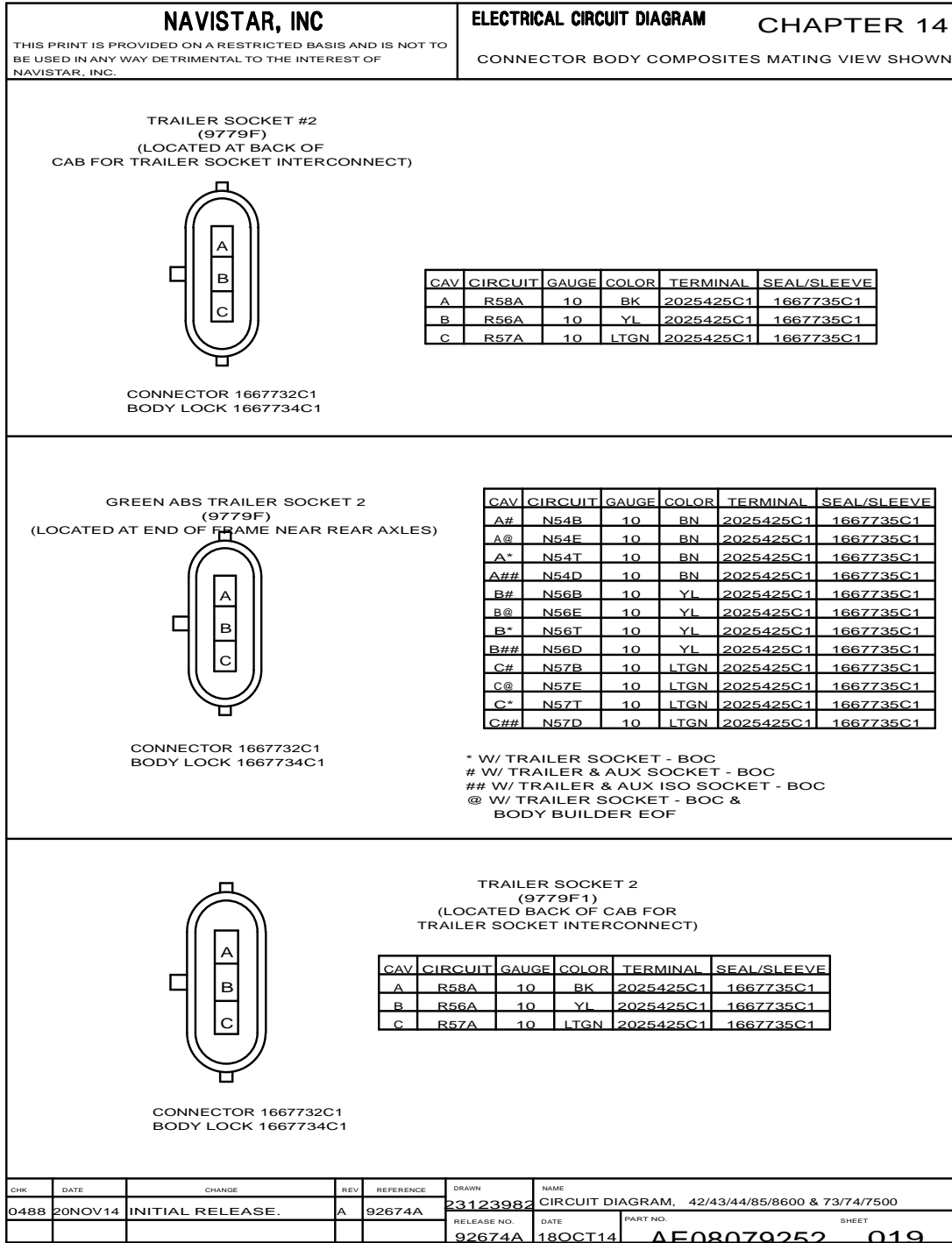
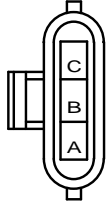


Figure 1001 Connector Composites (9779F), (9779F1)

14.20. CONNECTOR COMPOSITES (9780M), (9780M1), P. 20

<b>NAVISTAR, INC</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>	<b>ELECTRICAL CIRCUIT DIAGRAM</b> <b>CHAPTER 14</b> CONNECTOR BODY COMPOSITES MATING VIEW SHOWN
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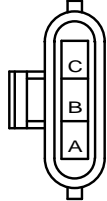
CONNECTOR 1667733C1  
BODY LOCK 1667734C1

GREEN ABS TRAILER SOCKET #1  
(9780M)  
(LOCATED BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A#	N70B	10	RD	1667737C1	1667735C1
A@	N70E	10	RD	1667737C1	1667735C1
A*	N70T	10	RD	1667737C1	1667735C1
A##	N70D	10	RD	1667737C1	1667735C1
B#	N68E	10	BN	1667737C1	1667735C1
B@	N68E	10	BN	1667737C1	1667735C1
B*	N68T	10	BN	1667737C1	1667735C1
B##	N68D	10	BN	1667737C1	1667735C1
C@	N94E	10	GY	1667737C1	1667735C1
C*	N94T	10	GY	1667737C1	1667735C1
C#	N94T	10	GY	1667737C1	1667735C1
C##	N72V	10	DK BL	1667737C1	1667735C1

\* W/ TRAILER SOCKET - BOC  
# W/ TRAILER & AUX SOCKET - BOC  
## W/ TRAILER & AUX SOCKET - BOC  
@ W/ TRAILER SOCKET - BOC & BODY BUILDER EOF

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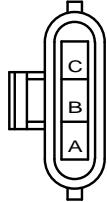


CONNECTOR 1667733C1  
BODY LOCK 1667734C1

GREEN ABS TRAILER SOCKET 1  
(9780M)  
(LOCATED BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R70A	10	RD	1667737C1	1667735C1
B	R68A	10	BN	1667737C1	1667735C1
C	R94A	10	DKBL	1667737C1	1667735C1

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CONNECTOR 1667733C1  
BODY LOCK 1667734C1

TRAILER SOCKET 1  
(9780M1)  
(LOCATED BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R70A	10	RD	1667737C1	1667735C1
B	R68A	10	BN	1667737C1	1667735C1
C	R94A	10	DKBL	1667737C1	1667735C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0488	20NOV14	INITIAL RELEASE.	A	92674A	23123982	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					92674A	18OCT14
					PART NO.	SHEET
					AE08079252	020

Figure 1002 Connector Composites (9780M), (9780M1)

14.21. CONNECTOR COMPOSITES (9781M), (9782F), (9782M), P. 21

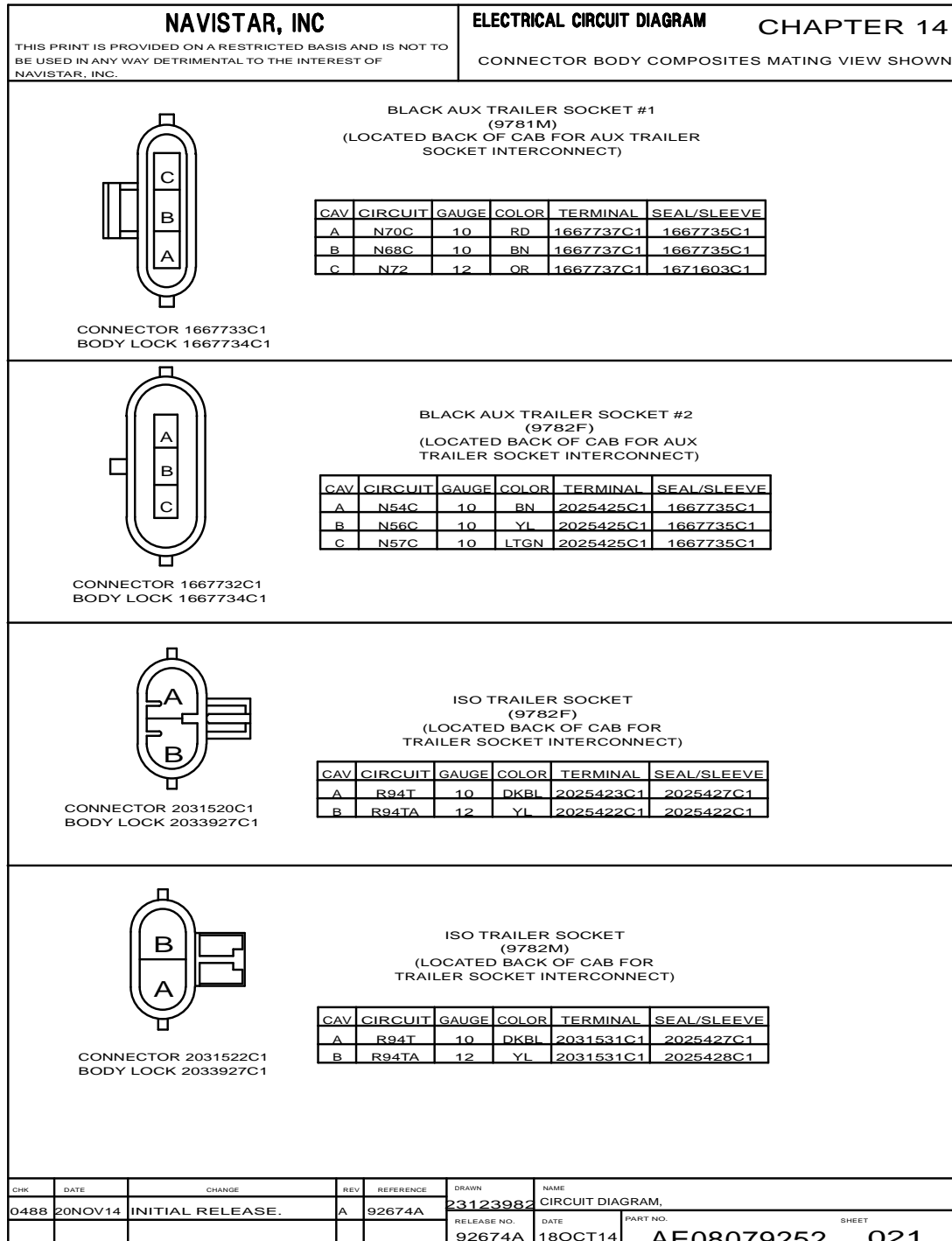


Figure 1003 Connector Composites (9781M), (9782F), (9782M)

14.22. CONNECTOR COMPOSITES (9783), (9783F), (9783M), (9784M), (9785M), P. 22

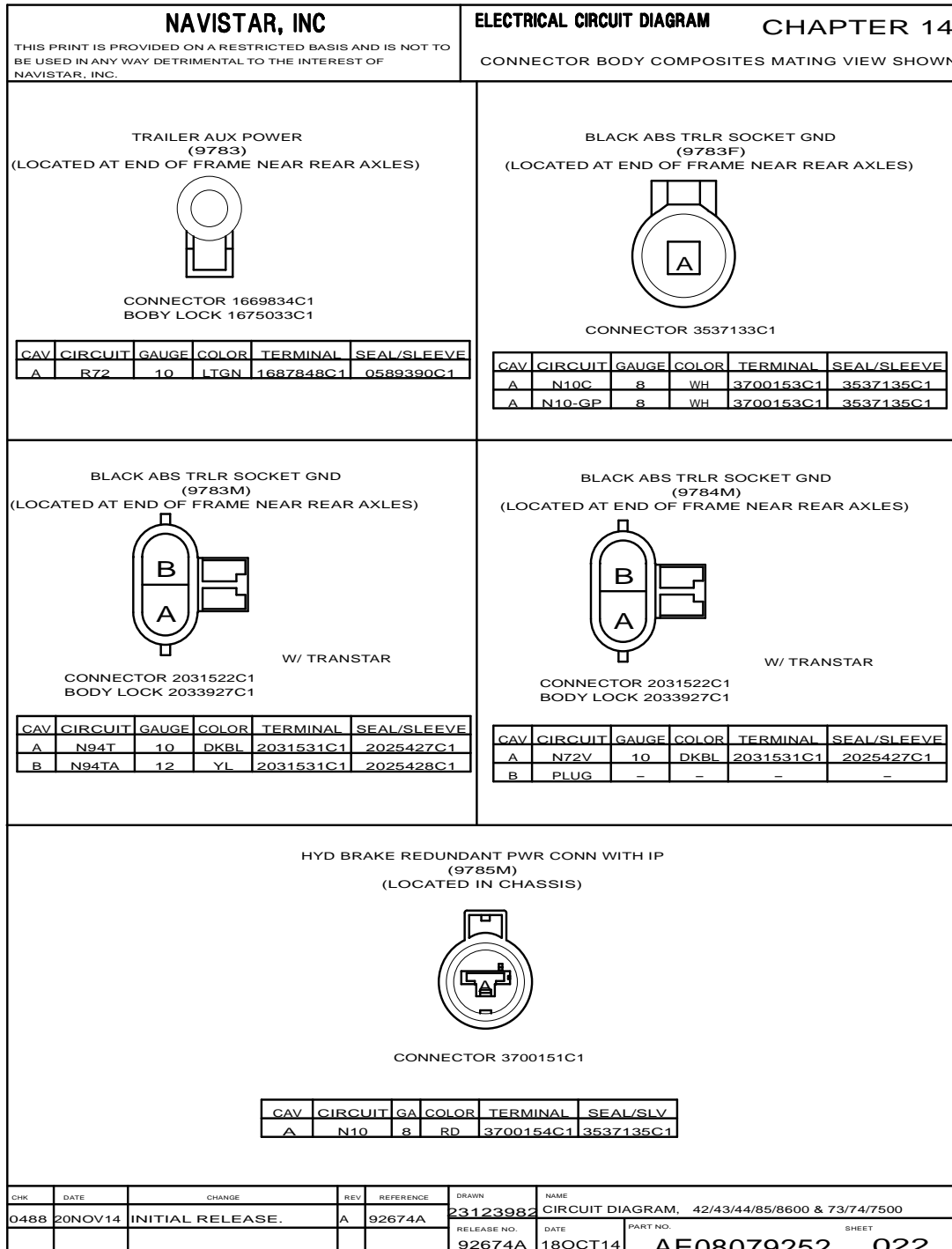


Figure 1004 Connector Composites (9783), (9783F), (9783M), (9784M), (9785M)

14.23. CONNECTOR COMPOSITES (9800), P. 23

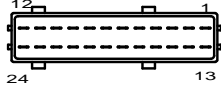
<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 14</b>																																																																																																																																																																																																																																																																																																																					
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CONNECTION TO CENTER HARNESS (9800) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)  CONNECTOR 3558022C1 BODY LOCK 3558056C1				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>GAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>17*</td><td>R94E</td><td>16</td><td>BK</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>17*</td><td>R94SS</td><td>16</td><td>BK</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>17*</td><td>R94BZ</td><td>16</td><td>BK</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>17*</td><td>[R94WNI]</td><td>18</td><td>BL</td><td>3559036C1</td><td>3509903C1</td></tr> <tr><td>17*</td><td>[R94L]</td><td>18</td><td>BL</td><td>3559036C1</td><td>3509903C1</td></tr> <tr><td>17#</td><td>R94WNR</td><td>12</td><td>GY</td><td>3559037C1</td><td>3575783C1</td></tr> <tr><td>18*</td><td>R94LB</td><td>16</td><td>GY</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>18*</td><td>R94N</td><td>16</td><td>RD</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>18*</td><td>R94F</td><td>16</td><td>RD</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>18*</td><td>R94TT</td><td>16</td><td>RD</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>18*</td><td>R94BY</td><td>16</td><td>RD</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>18*</td><td>[R94G7]</td><td>18</td><td>GN</td><td>3559036C1</td><td>3509903C1</td></tr> <tr><td>18*</td><td>[R94G8]</td><td>18</td><td>GN</td><td>3559036C1</td><td>3509903C1</td></tr> <tr><td>18#</td><td>R94G7R</td><td>12</td><td>GY</td><td>3559037C1</td><td>3575783C1</td></tr> <tr><td>19*</td><td>R94LC</td><td>16</td><td>GY</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>19*</td><td>R94P</td><td>16</td><td>BN</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>19*</td><td>R94H</td><td>16</td><td>BN</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>19*</td><td>R94UU</td><td>16</td><td>BN</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>19*</td><td>R94BP</td><td>16</td><td>BN</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>19*</td><td>[R94WR]</td><td>18</td><td>BN</td><td>3559036C1</td><td>3509903C1</td></tr> <tr><td>19*</td><td>[R94M]</td><td>18</td><td>BN</td><td>3559036C1</td><td>3509903C1</td></tr> <tr><td>19#</td><td>R94WRR</td><td>12</td><td>GY</td><td>3559037C1</td><td>3575783C1</td></tr> <tr><td>20*</td><td>R94RJ</td><td>16</td><td>GY</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>20*</td><td>R94T</td><td>16</td><td>PL</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>20*</td><td>R94J</td><td>16</td><td>PL</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>20*</td><td>R94VV</td><td>16</td><td>PL</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>20*</td><td>R94BS</td><td>16</td><td>PL</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>20*</td><td>[R94WU]</td><td>18</td><td>BL</td><td>3559036C1</td><td>3509903C1</td></tr> <tr><td>20*</td><td>[R94P]</td><td>18</td><td>BL</td><td>3559036C1</td><td>3509903C1</td></tr> <tr><td>20#</td><td>R94WUR</td><td>12</td><td>GY</td><td>3559037C1</td><td>3575783C1</td></tr> <tr><td>21*</td><td>R94RK</td><td>16</td><td>GY</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>21*</td><td>R94U</td><td>16</td><td>LTGN</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>21*</td><td>R94K</td><td>16</td><td>LTGN</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>21*</td><td>R94W</td><td>16</td><td>LTGN</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>21*</td><td>R94BT</td><td>16</td><td>LTGN</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>21*</td><td>[R94G6]</td><td>18</td><td>GN</td><td>3559036C1</td><td>3509903C1</td></tr> <tr><td>21*</td><td>[R94G9]</td><td>18</td><td>GN</td><td>3559036C1</td><td>3509903C1</td></tr> <tr><td>22*</td><td>R94RL</td><td>16</td><td>GY</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>21#</td><td>R94G6R</td><td>12</td><td>GY</td><td>3559037C1</td><td>3575783C1</td></tr> <tr><td>22*</td><td>R94V</td><td>16</td><td>LTBL</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>22*</td><td>R94L</td><td>16</td><td>LTBL</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>22*</td><td>R94X</td><td>16</td><td>LTBL</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>22*</td><td>R94RU</td><td>16</td><td>LTBL</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>22*</td><td>[R94WV]</td><td>18</td><td>BN</td><td>3559036C1</td><td>3509903C1</td></tr> <tr><td>22*</td><td>[R94S]</td><td>18</td><td>BN</td><td>3559036C1</td><td>3509903C1</td></tr> <tr><td>22#</td><td>R94WWR</td><td>12</td><td>GY</td><td>3559037C1</td><td>3575783C1</td></tr> <tr><td>23*</td><td>R94BD</td><td>16</td><td>BN</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>23*</td><td>[R94WX]</td><td>18</td><td>BN</td><td>3559036C1</td><td>3509903C1</td></tr> <tr><td>24*</td><td>R94BE</td><td>16</td><td>YL</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>24*</td><td>[R94WZ]</td><td>18</td><td>BL</td><td>3559036C1</td><td>3509903C1</td></tr> </tbody> 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</table>				GAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	R71	14	OR	3559037C1	3575783C1	2	R56	14	OR	3559037C1	3575783C1	3	R57	14	OR	3559037C1	3575783C1	4	R68	14	BN	3559037C1	3575783C1	5*	R32A	18	TN	3559036C1	3509903C1	5*	R36	18	TN	3559036C1	3509903C1	5*	R68	18	BN	3559036C1	3509903C1	6*	R70	14	OR	3559037C1	3575783C1	6*	R32	18	TN	3559036C1	3509903C1	6*	R70	18	OR	3559036C1	3509903C1	7*	R49	18	GY	3559036C1	3509903C1	7*	R49	18	WH	3559036C1	3509903C1	8*	R49A	18	GY	3559036C1	3509903C1	8*	R49A	18	WH	3559036C1	3509903C1	9*	R49-GA	18	WH	3559036C1	3509903C1	9*	R10-GB	18	WH	3559036C1	3509903C1	10	R9D	18	GY	3559036C1	3509903C1	11*	R9C	18	GY	3559036C1	3509903C1	11*	R9B	18	GY	3559036C1	3509903C1	12*	R11-GTL	12	WH	3559037C1	3575783C1	12*	R10-G	12	WH	3559037C1	3575783C1	13*	R94R	16	GY	3559037C1	3509903C1	13*	R94A	16	GY	3559037C1	3509903C1	13*	R94M	16	GY	3559037C1	3509903C1	13*	R94BR	16	GY	3559037C1	3509903C1	13*	[R94M]	18	BK	3559036C1	3509903C1	13*	[R94WV]	18	BK	3559036C1	3509903C1	13*	[R94J]	18	BK	3559036C1	3509903C1	14*	R94S	16	OR	3559037C1	3509903C1	14*	R94B	16	OR	3559037C1	3509903C1	14*	R94N	16	OR	3559037C1	3509903C1	14*	R94BO	16	OR	3559037C1	3509903C1	14*	[R94N]	18	BN	3559036C1	3509903C1	14*	[R94WM]	18	BN	3559036C1	3509903C1	14*	[R94K]	18	BN	3559036C1	3509903C1	15*	R94W	16	DKBL	3559037C1	3509903C1	15*	R94C	16	DKBL	3559037C1	3509903C1	15*	R94PP	16	DKBL	3559037C1	3509903C1	15*	R94BW	16	DKBL	3559037C1	3509903C1	15*	[R94P]	18	BK	3559036C1	3509903C1	15*	[R94VSI]	18	BK	3559036C1	3509903C1	15*	[R94T]	18	BK	3559036C1	3509903C1	16*	R94X	16	YL	3559037C1	3509903C1	16*	R94D	16	YL	3559037C1	3509903C1	16*	R94RR	16	YL	3559037C1	3509903C1	16*	R94BV	16	YL	3559037C1	3509903C1	16*	[R94R]	18	BN	3559036C1	3509903C1	16*	[R94WT]	18	BN	3559036C1	3509903C1	16*	[R94U]	18	BN	3559036C1	3509903C1	17*	R94LA	16	GY	3559037C1	3509903C1	17*	R94M	16	BK	3559037C1	3509903C1
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Figure 1005 Connector Composites (9800)

14.24. CONNECTOR COMPOSITES (9800), P. 24

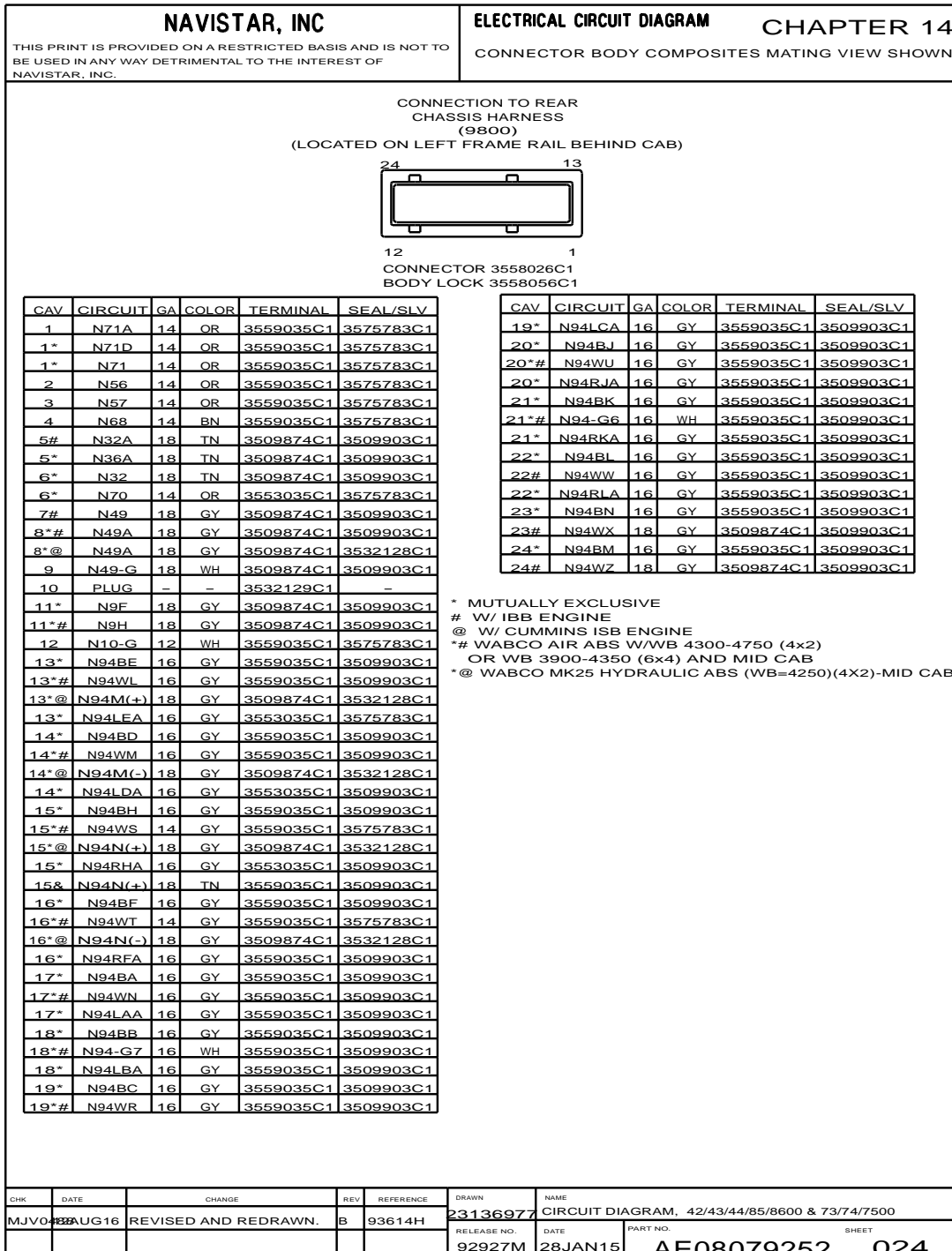


Figure 1006 Connector Composites (9800)



14.25. CONNECTOR COMPOSITES (9801), (9801A), (9801B / \*9801C / \*9801D / \*9801E), (9803 / \*9803A / \*9803B / \*9803C), (9809), P. 24A

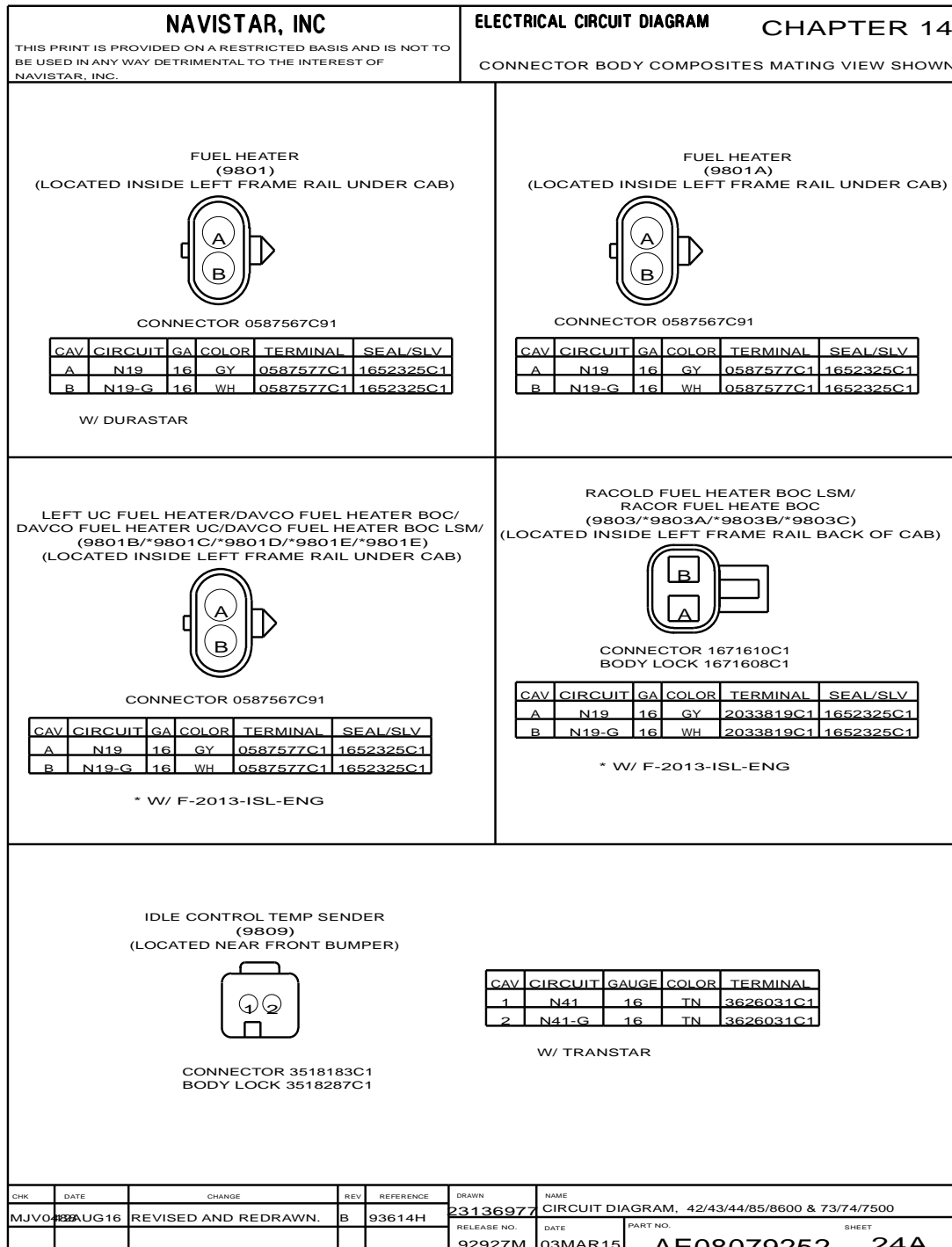


Figure 1007 (9801), (9801A), (9801B / \*9801C / \*9801D / \*9801E), (9803 / \*9803A / \*9803B / \*9803C), (9809)

14.26. CONNECTOR COMPOSITES (9810), (9811), (9812), (9814), (9814A), (9815), (9815A), (9820F), (9820M), (9824), P. 25


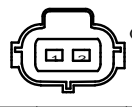

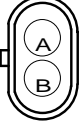
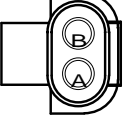
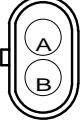
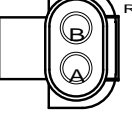
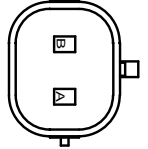


NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																																												
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																
 <p><b>IDLE CONTROL TEMP SENDER (9810)</b> (LOCATED NEAR FRONT BUMPER) CONNECTOR 3518182C1 W/ TRANSTAR BODY LOCK 3518184C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N41</td> <td>16</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>2</td> <td>N41-G</td> <td>16</td> <td>TN</td> <td>3518963C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	N41	16	TN	3518963C1	2	N41-G	16	TN	3518963C1	 <p><b>FORWARD REAR AXLE TEMP SENDER (9811)</b> (LOCATED ON LEFT FRAME RAIL BY FORWARD REAR AXLE) * MUTUALLY EXCLUSIVE CONNECTOR 3536864C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1*</td> <td>R32A</td> <td>18</td> <td>TN</td> <td>3536865C1</td> <td>3536868C1</td> </tr> <tr> <td>1</td> <td>R32</td> <td>18</td> <td>TN</td> <td>3536865C1</td> <td>3536868C1</td> </tr> <tr> <td>2</td> <td>R9C</td> <td>18</td> <td>GY</td> <td>3536865C1</td> <td>3536868C1</td> </tr> <tr> <td>2*</td> <td>R9A</td> <td>18</td> <td>GY</td> <td>3536865C1</td> <td>3536868C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1*	R32A	18	TN	3536865C1	3536868C1	1	R32	18	TN	3536865C1	3536868C1	2	R9C	18	GY	3536865C1	3536868C1	2*	R9A	18	GY	3536865C1	3536868C1
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 <p><b>REAR AXLE TEMP SENDER (9812)</b> (LOCATED ON LEFT FRAME RAIL BY REAR REAR AXLE) * MUTUALLY EXCLUSIVE CONNECTOR 3536864C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R32</td> <td>18</td> <td>TN</td> <td>3536865C1</td> <td>3536868C1</td> </tr> <tr> <td>2*</td> <td>R9</td> <td>18</td> <td>GY</td> <td>3536865C1</td> <td>3536868C1</td> </tr> <tr> <td>2*</td> <td>R9C</td> <td>18</td> <td>GY</td> <td>3536865C1</td> <td>3536868C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	R32	18	TN	3536865C1	3536868C1	2*	R9	18	GY	3536865C1	3536868C1	2*	R9C	18	GY	3536865C1	3536868C1	 <p><b>FRONT REAR AXLE DIFF LOCK (9814) WARNING LIGHT</b> (LOCATED ON FRONT OF FORWARD REAR AXLE) CONNECTOR 0587578C91</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R49</td> <td>18</td> <td>GY</td> <td>0587578C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R49-G</td> <td>18</td> <td>WH</td> <td>0587578C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R49	18	GY	0587578C1	1652325C1	B	R49-G	18	WH	0587578C1	1652325C1			
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																														
0488	24MAR15	INITIAL RELEASE.	A	92927M	23136977	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																														
					RELEASE NO.	DATE	PART NO.	SHEET																																												
					92927M	28JAN15	AE08079252	025																																												

Figure 1008 Connector Composites (9810), (9811), (9812), (9814), (9814A), (9815), (9815A), (9820F), (9820M), (9824)

14.27. CONNECTOR COMPOSITES (9830), (9832), (9865M), (9865MA), (9900), (9900A), (9900AC), P. 26

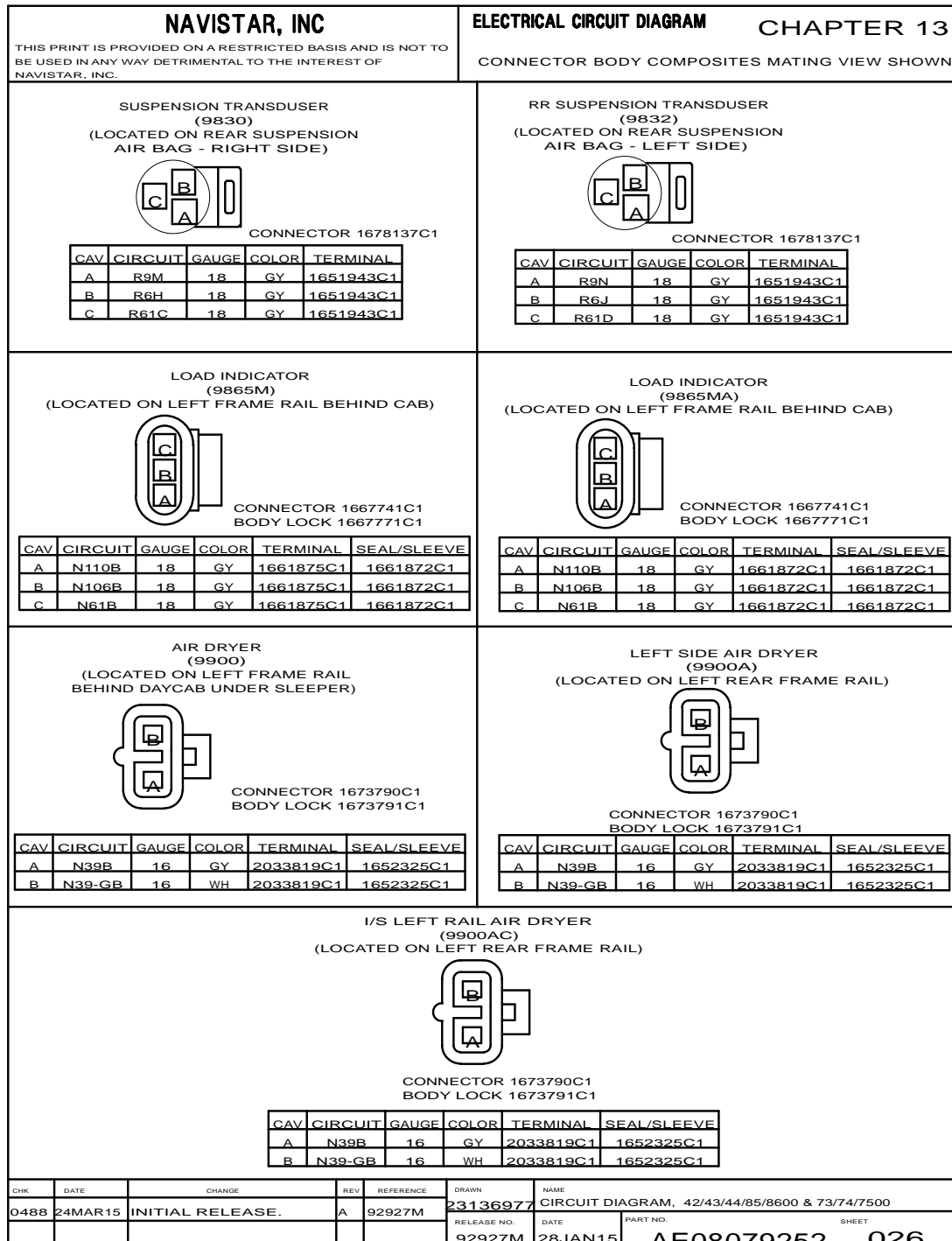


Figure 1009 Connector Composites (9830), (9832), (9865M), (9865MA), (9900), (9900A), (9900AC)

14.28. CONNECTOR COMPOSITES (9900AD), (9900AE), (9900AJ), (9900AP), (9900AQ), (9900AR), P. 27

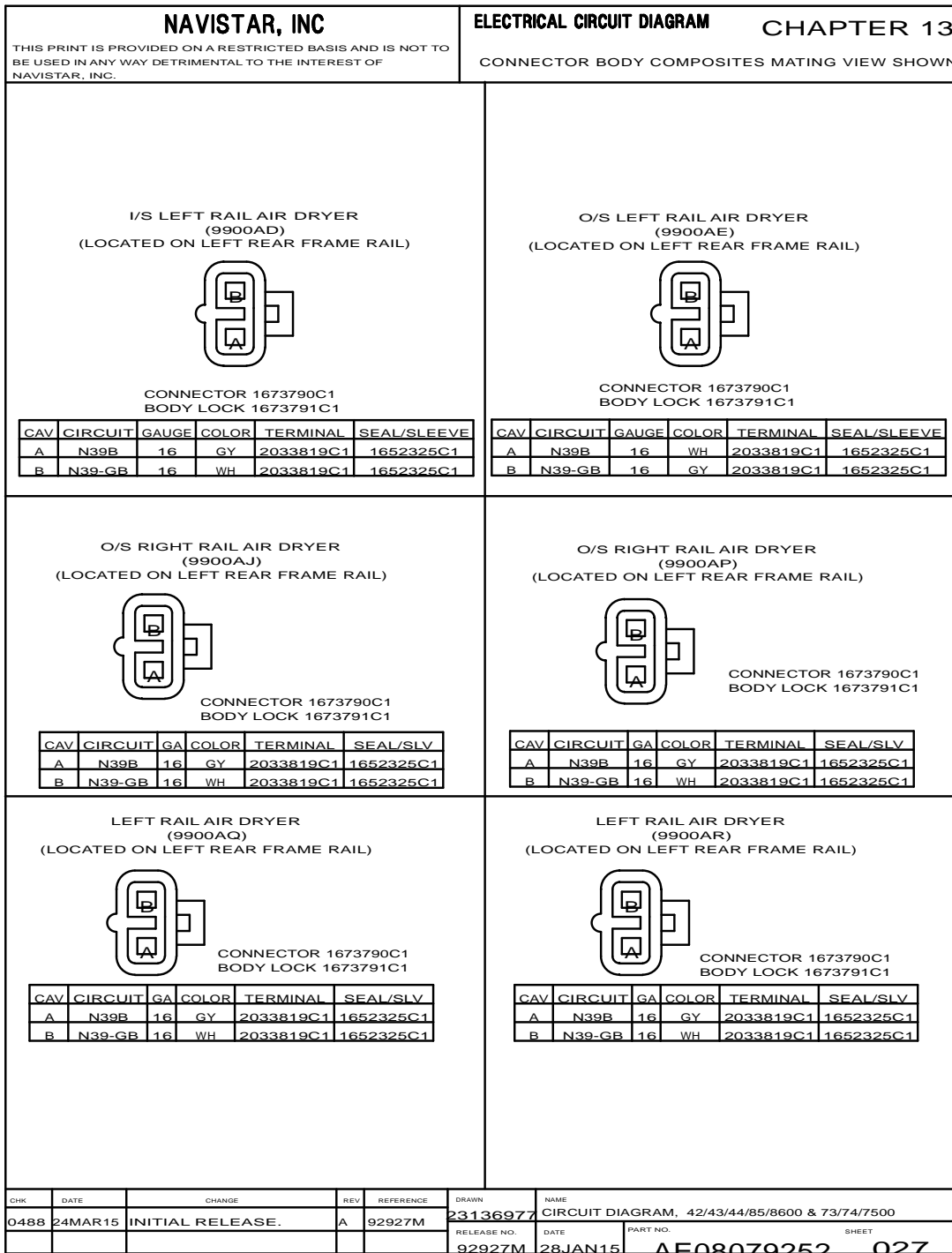


Figure 1010 Connector Composites (9900AD), (9900AE), (9900AJ), (9900AP), (9900AQ), (9900AR)

14.29. CONNECTOR COMPOSITES (9900C), (9900C1), (9900C2), (9900D), (9900E), P. 28

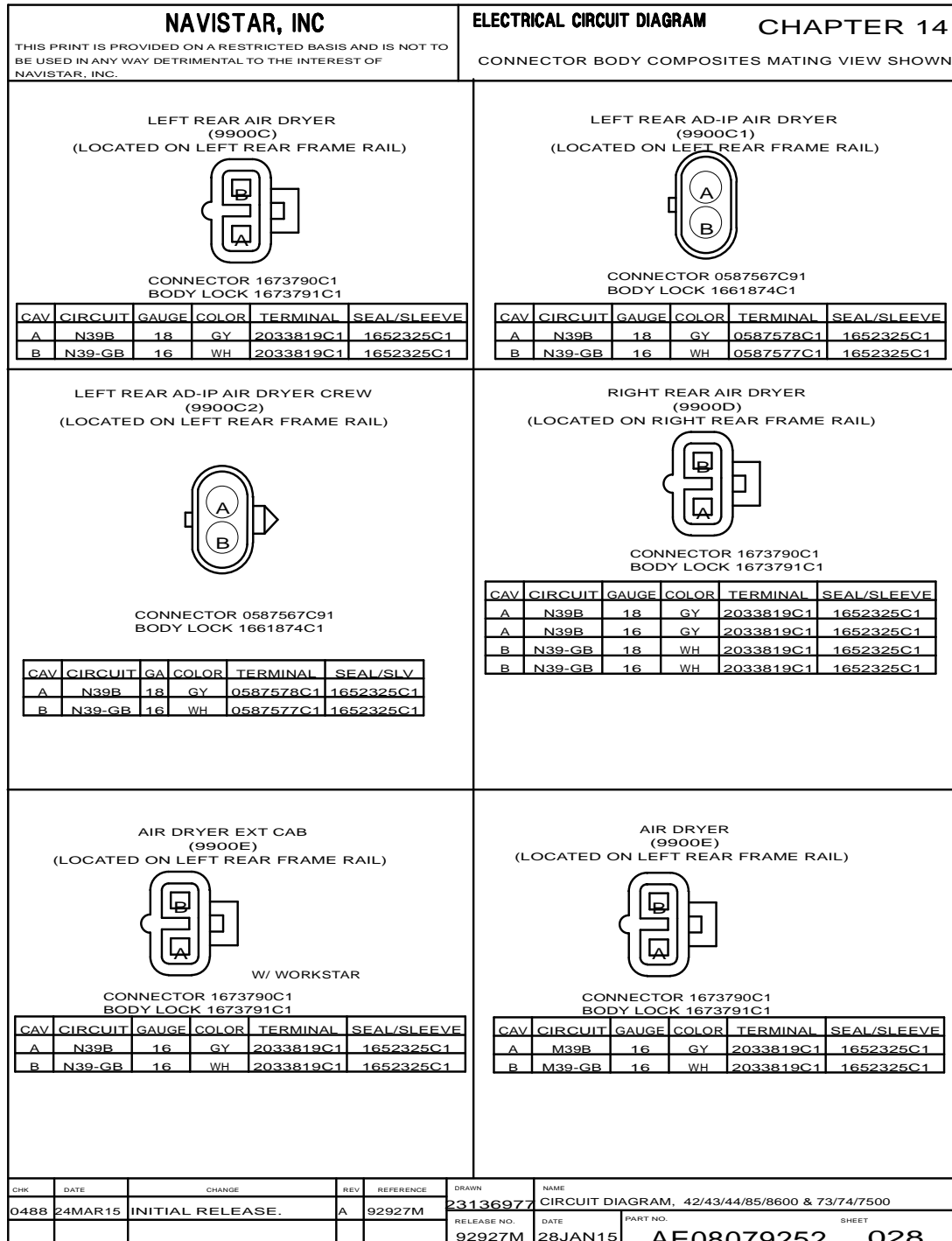


Figure 1011 Connector Composites (9900C), (9900C1), (9900C2), (9900D), (9900E)

14.30. CONNECTOR COMPOSITES (9900G), (9911), (9913B), P. 29

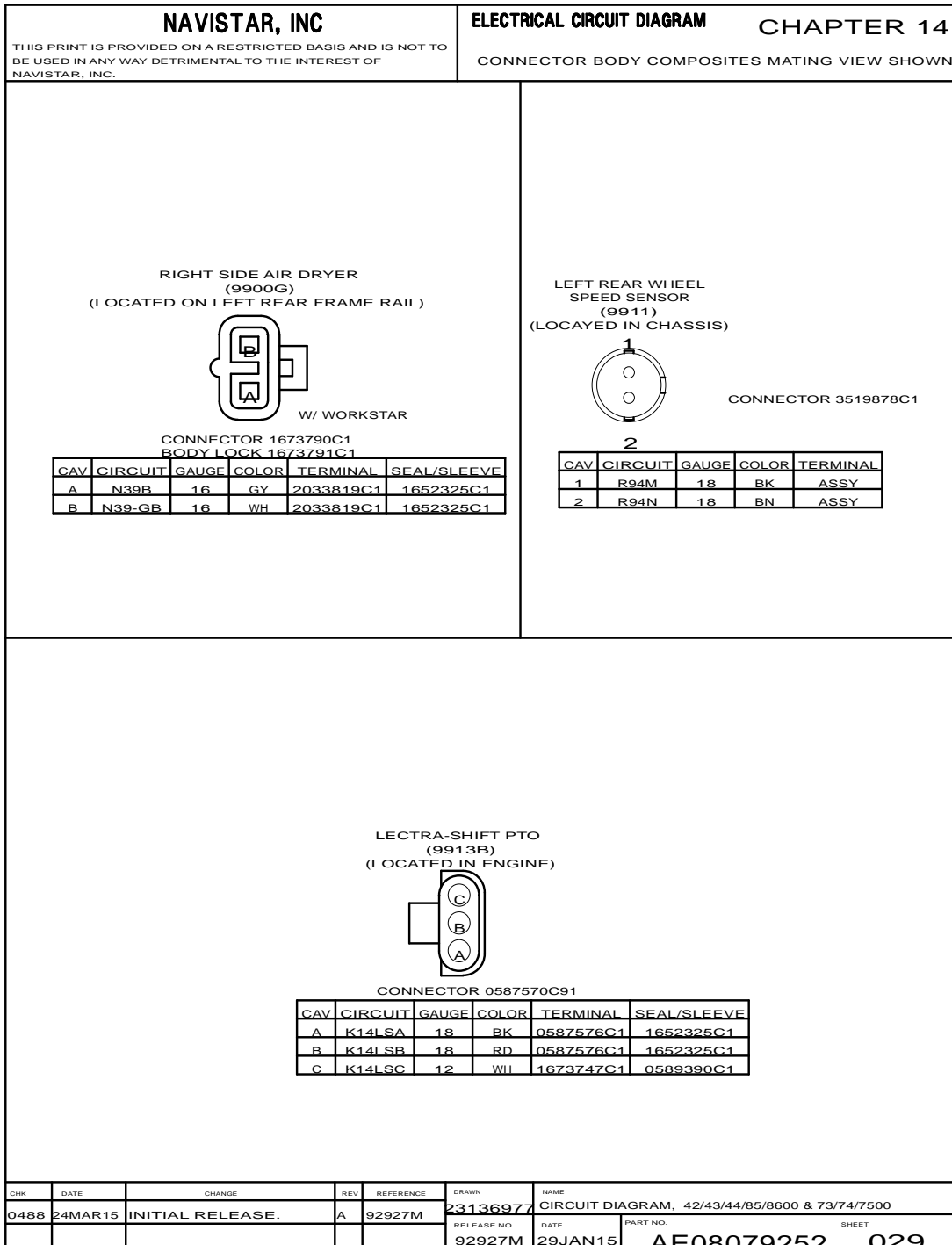


Figure 1012 Connector Composites (9900G), (9911), (9913B)

14.31. CONNECTOR COMPOSITES (9915), (9916), (9917), (9920), (9921), P. 30


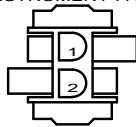

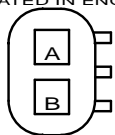
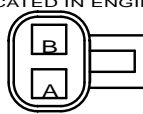
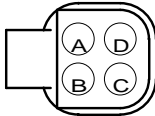
<b>NAVISTAR, INC</b>		<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 14</b>																																					
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.		CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																							
<p>DIODE ASSY (9915) (LOCATED IN INSTRUMENT PANEL NEAR CENTER)</p>  <p>CONNECTOR 3866308C1 BODY LOCK 1684263C1</p>		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1*</td> <td>A14BC</td> <td>16</td> <td>RD</td> <td>1680205C1</td> </tr> <tr> <td>1#</td> <td>A104F</td> <td>18</td> <td>DKBL</td> <td>1680205C1</td> </tr> <tr> <td>2*</td> <td>A11-GCK</td> <td>14</td> <td>GY</td> <td>2034787C1</td> </tr> <tr> <td>2#</td> <td>A104N</td> <td>18</td> <td>DKBL</td> <td>1680205C1</td> </tr> </tbody> </table> <p>* LECTRASHIFT PTO # W/ REMOTE START / STOP</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1*	A14BC	16	RD	1680205C1	1#	A104F	18	DKBL	1680205C1	2*	A11-GCK	14	GY	2034787C1	2#	A104N	18	DKBL	1680205C1											
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<p>DIODE ASSY (9916) (LOCATED IN INSTRUMENT PANE NEAE CENTER)</p>  <p>CONNECTOR 1669030C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A122B</td> <td>18</td> <td>WH</td> <td>1661538C1</td> </tr> <tr> <td>2</td> <td>A122D</td> <td>18</td> <td>WH</td> <td>1661538C1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A122B	18	WH	1661538C1	2	A122D	18	WH	1661538C1	<p>DIODE ASSY (9917)</p>  <p>CONNECTOR 3866308C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A9LA</td> <td>18</td> <td>DKBL</td> <td>1651988C1</td> </tr> <tr> <td>2</td> <td>A9LC</td> <td>18</td> <td>DKBL</td> <td>1651988C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A9LA	18	DKBL	1651988C1	2	A9LC	18	DKBL	1651988C1						
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<p>CHASSIS / TRANSMISSION (9920) (LOCATED IN ENGINE)</p>  <p>CONNECTOR 1671611C1 BODY LOCK 1671608C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N98D</td> <td>18</td> <td>BK</td> <td>2033911C1</td> <td>3517771C1</td> </tr> <tr> <td>B</td> <td>N92YA</td> <td>18</td> <td>TN</td> <td>2033911C1</td> <td>3517771C1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N98D	18	BK	2033911C1	3517771C1	B	N92YA	18	TN	2033911C1	3517771C1	<p>TRANSMISSION / CHASSIS (9920) (LOCATED IN ENGINE)</p>  <p>CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K98D</td> <td>18</td> <td>BK</td> <td>2033819C1</td> <td>3517771C1</td> </tr> <tr> <td>B</td> <td>K92YA</td> <td>16</td> <td>TN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K98D	18	BK	2033819C1	3517771C1	B	K92YA	16	TN	2033819C1	1652325C1
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<p>HCM DIAG (9921) (LOCATED IN CHASSIS)</p>  <p>CONNECTOR 1661497C91</p>		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N98E</td> <td>18</td> <td>BK</td> <td>0587576C1</td> <td>3517771C1</td> </tr> <tr> <td>B</td> <td>N98G</td> <td>18</td> <td>BK</td> <td>0587576C1</td> <td>3517771C1</td> </tr> <tr> <td>C</td> <td>N98F</td> <td>18</td> <td>BK</td> <td>0587576C1</td> <td>3517771C1</td> </tr> <tr> <td>D</td> <td>N98D</td> <td>18</td> <td>BK</td> <td>0587576C1</td> <td>3517771C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N98E	18	BK	0587576C1	3517771C1	B	N98G	18	BK	0587576C1	3517771C1	C	N98F	18	BK	0587576C1	3517771C1	D	N98D	18	BK	0587576C1	3517771C1						
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0638	22JUN15	ADDED R/D 9917.	B	92974E	23136977	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																			
RELEASE NO.		DATE		PART NO.		SHEET																																			
92927M		29JAN15		AE08079252		030																																			

Figure 1013 Connector Composites (9915), (9916), (9917), (9920), (9921)

14.32. CONNECTOR COMPOSITES (9930), (\*9932M), (9965M), (9989), P. 31

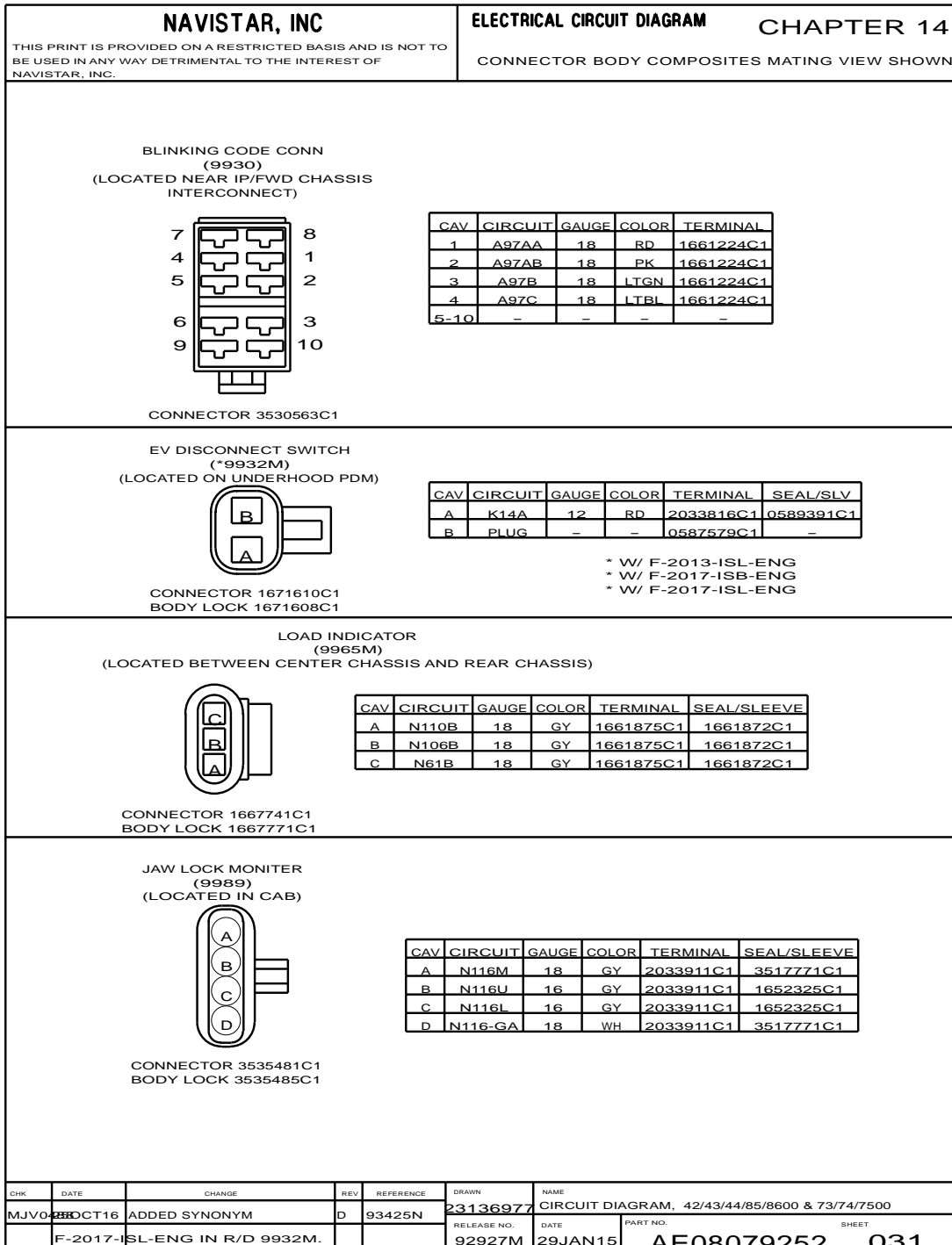


Figure 1014 Connector Composites (9930), (\*9932M), (9965M), (9989)