

ELECTRICAL CIRCUIT DIAGRAM MANUAL

Electrical Circuit Diagram Manual

3200

RXT

DuraStar® - 4100, 4300, 4400

TranStar® Natural Gas (NG)

TranStar® - 8500, 8600

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

Navistar, Inc.

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INSTRUCTIONS AND CHARTS (CHAPTER 2)

2.1. ABBREVIATIONS, P. 1

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM

ABBREVIATIONS

CHAPTER 2

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	DEFTR	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	RTB	ROTOR
AMP	AMPERE	DIMR	DIMMER	SNSR	SENSOR
AMP HR	AMPERE HOUR	ELEC	ELECTRICAL	SHLD	SHIELD
AMPL	AMPLIFIER	ELEX	ELECTRONICS	SHIFT	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	HARNES	SYS	SYSTEM
BK	BRAKE	HDLP	HEADLAMP	TACH	TACHOMETER
BRKR	BREAKER	HTD	HEATED	TEMP	TEMPERATURE
BRTHR	BREATH	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
CMPT	COMPONENT	MOT	MOTOR	WSHR	WASHER
CPRSR	COMPRESSOR	MTD	MOUNTED	WHL	WHEEL
CONN	CONNECTOR	NEG	NEGATIVE	WDO	WINDOW
CONT	CONTINUED	N/	NOT WITH	WSHLD	WINDSHIELD
CSL	CONSOLE	NO.	NUMBER	WPR	WIPER
CONT	CONTACT	PASS	PASSENGER	W/	WITH
CONT	CONTROL	POSN	POSITION	W/O	WITHOUT
CONV	CONVERTER	POS	POSITIVE		
CLR	COOLER	POT	POTENTIOMETER		
CTSY	COURTESY				

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

Figure 1 Abbreviations

ELECTRICAL CIRCUIT DIAGRAM MANUAL

2.2. ACRONYMS, P. 2

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 2

ACRONYMS

DESCRIPTION	ACRONYM
ANTILOCK BRAKING SYSTEM	ABS
ANTENNA COMMUNICATION UNIT	ACU
ALTERNATING CURRENT	AC
AXLE TO BACK OF CAB	AC
AXLE TO FRAME	AF
ACCELERATOR PEDAL MODULE	APM
ACCELERATOR POSITION SENSOR	APS
AUXILIARY POWER UNIT	APU
AMERICAN TRUCKING ASSOCIATION	ATA
AUTOMATIC TRACTION CONTROL	ATC
AUDIO VIDEO INTERFACE	AVI
BAROMETRIC ATMOSPHERE PRESSURE	BAP
BRAKE HORSEPOWER	BHP
BACK OF CAB	BOC
CITIZEN BAND	CB
COLD CRANKING AMPERES	CCA
CLEAN POWER ELECTRICAL CONNECTOR	CEC
CENTRAL PROCESSING UNIT	CEU
CAB OVER ENGINE	COE
DIRECT CURRENT	DC
DRIVER CONTROL MODULE	DCM
DIGITAL DATA LINK	DDL
DIESEL OXIDATION CATALYST INLET TEMPERATURE	DOCT
DIESEL PARTICULATE FILTER	DPF
DIESEL PARTICULATE FILTER DELTA PRESSURE	DPFDP
DIESEL PARTICULATE FILTER TEMPERATURE	DPFT
DIESEL TURBOCHARGED	DT
DAY TIME RUNNING LIGHTS	DTRL
ELECTRONIC CONTROL MODULE	ECM
ELECTRONIC CONTROL UNIT	ECU
EXHAUST GAS RECIRCULATION	EGR
EXHAUST GAS TEMPERATURE	EGT
ELECTRO MAGNETIC INTERFERENCE	EMI
END OF FRAME	EOF
ELECTRIC TRAILER BRAKE	ETB
FRONT AXLE	FA
FRONT END	FE
FRONT OF DASH	FOD
FULL POWER BRAKE	FPB
GLOBAL POSITIONING SYSTEM	GPS
HYDRAULIC CONTROL UNIT	HCU
HEAVY DUTY	HD

DESCRIPTION	ACRONYM
HEAVY DUTY DIESEL	HDD
HIGH PERFORMANCE TRUCK	HPT
HEATING, VENTILATION, AND AIR CONDITIONING	HVAC
INJECTOR DRIVE MODULE	IDM
INPUT/OUTPUT	I/O
INTEGRATED MOBILE COMMUNICATION TERMINAL	IMCT
INSTRUMENT PANEL	I/P
INDEPENDENT POWER TAKE-OFF	IPTO
INTERNATIONAL BIG BORE ENGINE	IBBE
LIGHT COMMERCIAL TRANSMISSION	LCT
LOW PRESSURE MODULE	LPM
MEDIUM DUTY	MD
MAJFUNCTION INDICATION LAMP	MIL
MULTIPLEX SWITCH MODULE	MSM
PYROMETER AMMETER MODULE	PAM
POWER DISTRIBUTION CENTER	PDC
PROGRAMMABLE LOGIC CONTROLLER	PLC
POWER TAKE-OFF	PTO
PULSE WIDTH MODULATION	PWM
REAR AXLE	RA
RADIO FREQUENCY	RF
ROLL STABILITY PROGRAM	RSP
SEVERE SERVICE	SS
TRANSMISSION CONTROL MODULE	TCM
TERRESTRIAL COMMUNICATION UNIT	TCU
TERRESTRIAL MOBILE COMMUNICATION TERMINAL	TMCT
THERMAL OVERCRANK PROTECTION	TOCP
THROTTLE POSITION SENSOR	TPS
WORLD TRANSMISSION ELECTRONIC CONTROLS	WTEC
VEHICLE SPEED OUTPUT	VSO
VEHICLE SPEED SENSOR	VSS
ZERO VOLT REFERENCE	ZVR
VEHICLE SPEED OUTPUT	VSO
VEHICLE SPEED SENSOR	VSS
ZERO VOLT REFERENCE	ZVR

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					RELEASE NO.	DATE	PART NO.	SHEET	
					61229V	20AUG09	AB08058176	002	

Figure 2 Acronyms

2.3. CIRCUIT DIAGRAM INSTRUCTIONS, P. 3

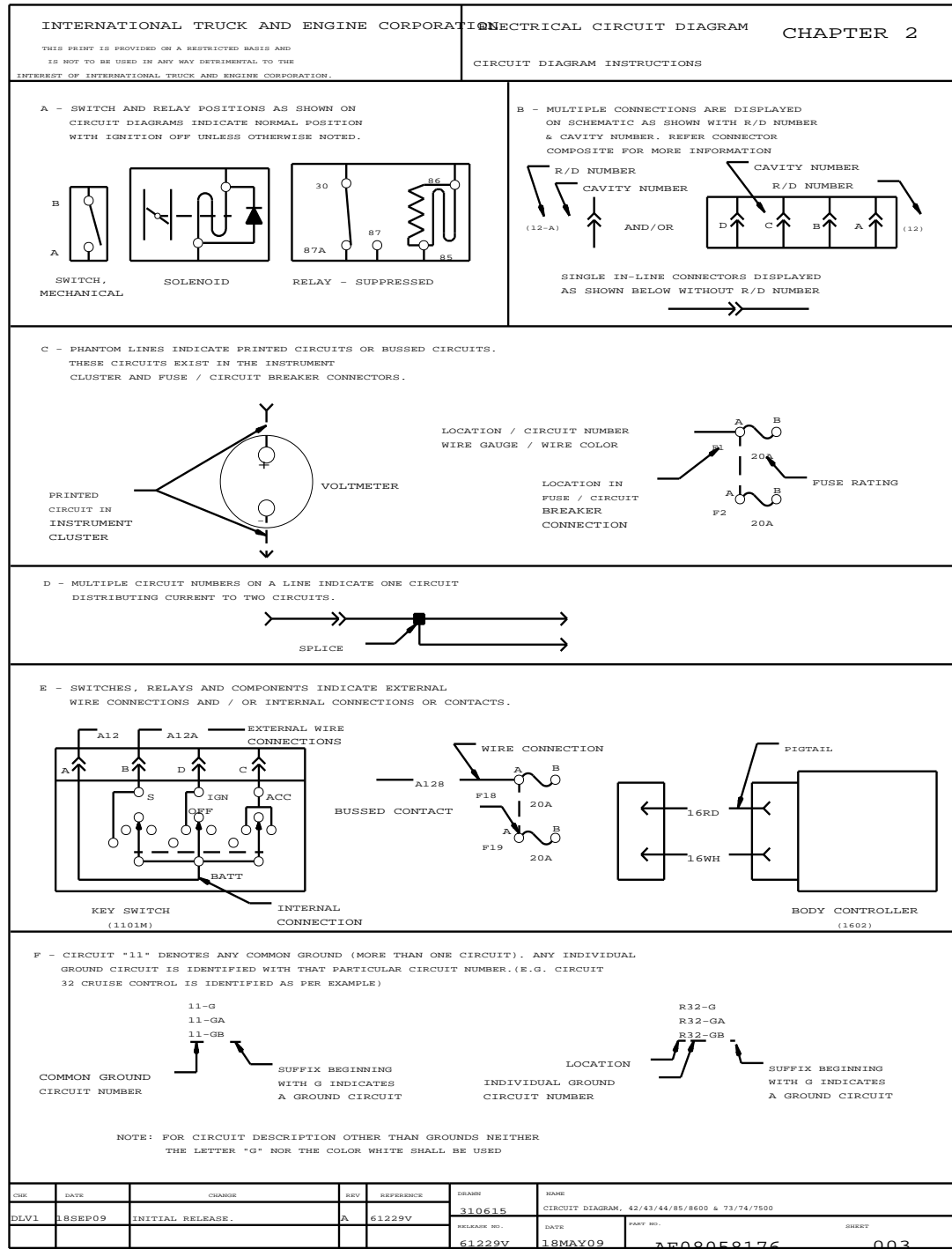


Figure 3 Circuit Diagram Instructions

ELECTRICAL CIRCUIT DIAGRAM MANUAL

2.4. CIRCUIT NUMBER IDENTIFICATION AND COLOR, P. 4

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 2

CIRCUIT NUMBER IDENTIFICATION AND COLOR

CIRCUIT NUMBER	COLOR	DESCRIPTION
1	LTBL	ALTERNATOR-FIELD
2	RD	ALTERNATOR-CHARGE
3	DKBL	SERIAL / DATA COMMUNICATION J1587 / J1708 (+)
	GY	SERIAL / DATA COMMUNICATION J1587 / J1708 (-)
4	DKBL	SERIAL / DATA COMMUNICATION J1922 (+)
	GY	SERIAL / DATA COMMUNICATION J1922 (-)
5	YL	SERIAL / DATA COMMUNICATION J1939/11 / J1939/15 (+)
	GN	SERIAL / DATA COMMUNICATION J1939/11 / J1939/15 (-)
6	GY	LOW VOLTAGE ELECTRONIC FEED (LESS THAN 9 VOLTS)
7	RD	ALTERNATOR-RESISTANCE
8		
9	GY	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

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					61229V	18MAY09
						AB08058176
						004

Figure 4 Circuit Number Identification and Color

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

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 2

CIRCUIT NUMBER IDENTIFICATION AND COLOR (CONT)

CIRCUIT NUMBER	COLOR	DESCRIPTION
41	TN	AIR TEMPERATURE
42	GY	FRONT AXLE ENGAGED
43	GY	POWER DIVIDER LOCK (PDL) WARNING
44	GY	PARK BRAKE WARNING
45	LTGN	ANTI-THEFT 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)
	OR	TURN SIGNAL LIGHTS - RIGHT
57	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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						AE08058176
						SHEET
						005

Figure 5 Circuit Number Identification and Color (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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SECTION ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 2

CIRCUIT NUMBER IDENTIFICATION AND COLOR (CONT)

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

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

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
DLV1	18SEP09	INITIAL RELEASE.	A	61229V	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
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					61229V	18MAY09
						PART NO.
						AB08058176
						SHEET
						006

Figure 6 Circuit Number Identification and Color (Cont.)

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.				LAMP BULB CHART							
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			
DOME 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			
DOME 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			

Figure 7 Lamp Bulb Chart

ELECTRICAL CIRCUIT DIAGRAM MANUAL

2.8. RELAY FUNCTION AND WIRING GUIDE, P. 8

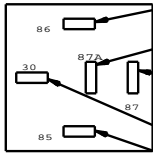
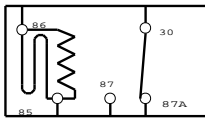
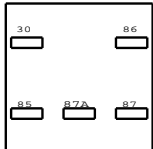
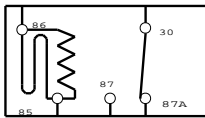

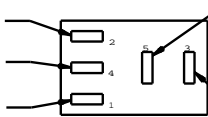
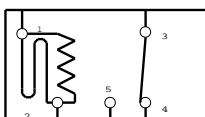
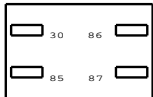
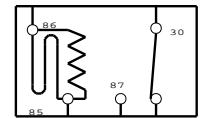
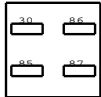
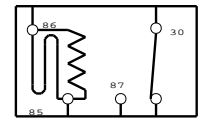
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THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				RELAY FUNCTION AND WIRING GUIDE							
RELAY VIEWED FROM INSERTION END						RELAY SCHEMATIC					
<div>MINIATURE - ISO (1)</div> <div></div>						<div></div>					
<div>MINIATURE - 280 (1)</div> <div></div>						<div></div>					
<div>MICRO - 280 (1)</div> <div></div>											
<div>MICRO - ISO (1)</div> <div><div>ENERGIZING COIL</div><div>NORMALLY CLOSED CONTACT</div><div>ENERGIZING COIL</div><div></div><div>NORMALLY OPEN CONTACT</div><div>COMMON CONTACT</div></div>						<div></div>					
<div>MICRO - 4 PIN (1)</div> <div></div>						<div></div>					
<div>MINI MICRO - 4 PIN (2)</div> <div></div>						<div></div>					
<div>NOTES :</div> <div>1. RELAY CONTAINS A 680 OHM SUPPRESSION RESISTOR</div> <div>2. RELAY CONTAINS A 1000 OHM SUPPRESSION RESISTOR</div>											
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	AB08058176	008			

Figure 8 Relay Function and Wiring Guide

2.9. SCHEMATIC SYMBOL CHART, P. 9

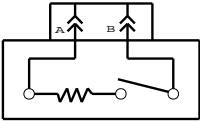
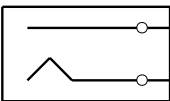
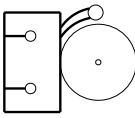


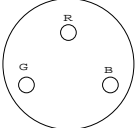



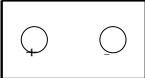
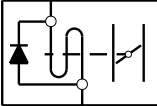
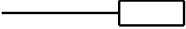



INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 2			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				SCHEMATIC SYMBOL CHART			
SYMBOL		DESCRIPTION		SYMBOL		DESCRIPTION	
		AIR DRYER				CIGAR LIGHTER	
		ALARM		TYPE 1  TYPE 2 OR 3 		CIRCUIT BREAKER	
		ALTERNATOR				DIODE	
		AMMETER				DIODE, LIGHT EMITTING	
		BATTERY				FAN SOLENOID	
		BLUNT CUT CIRCUIT				FEMALE TERMINAL	
		BUSBAR				FUSE	
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
DLV1	18SEP09	INITIAL RELEASE.	A	61229V	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
					RELEASE NO.	DATE	PART NO.
					61229V	19MAY09	AB08058176
							009

Figure 9 Schematic Symbol Chart

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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



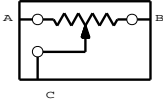

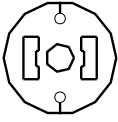

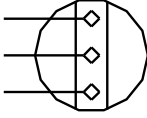
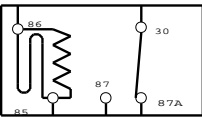

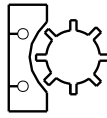
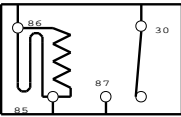
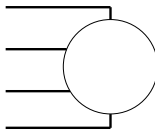
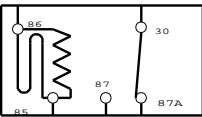
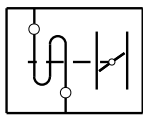
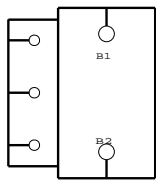
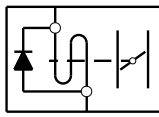
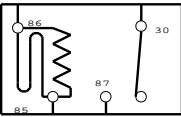
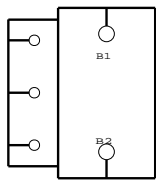
INTERNATIONAL TRUCK AND ENGINE CORPORATION					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 2		
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					SCHEMATIC SYMBOL CHART (CONT)		
SYMBOL	DESCRIPTION	SYMBOL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

Figure 11 Schematic Symbol Chart (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

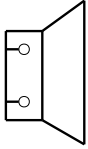


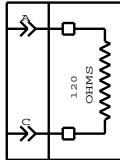

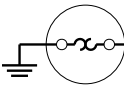
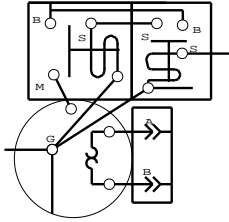
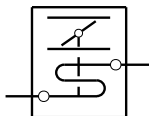

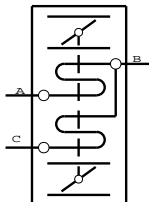

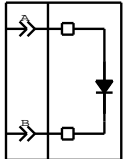
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 2			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				SCHEMATIC SYMBOL CHART (CONT)			
SYMBOL	DESCRIPTION			SYMBOL	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	DRWG	NAME	
DLV1	18SEP09	INITIAL RELEASE.	A	61229V	310615	CIRCUIT DIAGRAM, 42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100	
					RELEASE NO.	DATE	PART NO.
					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

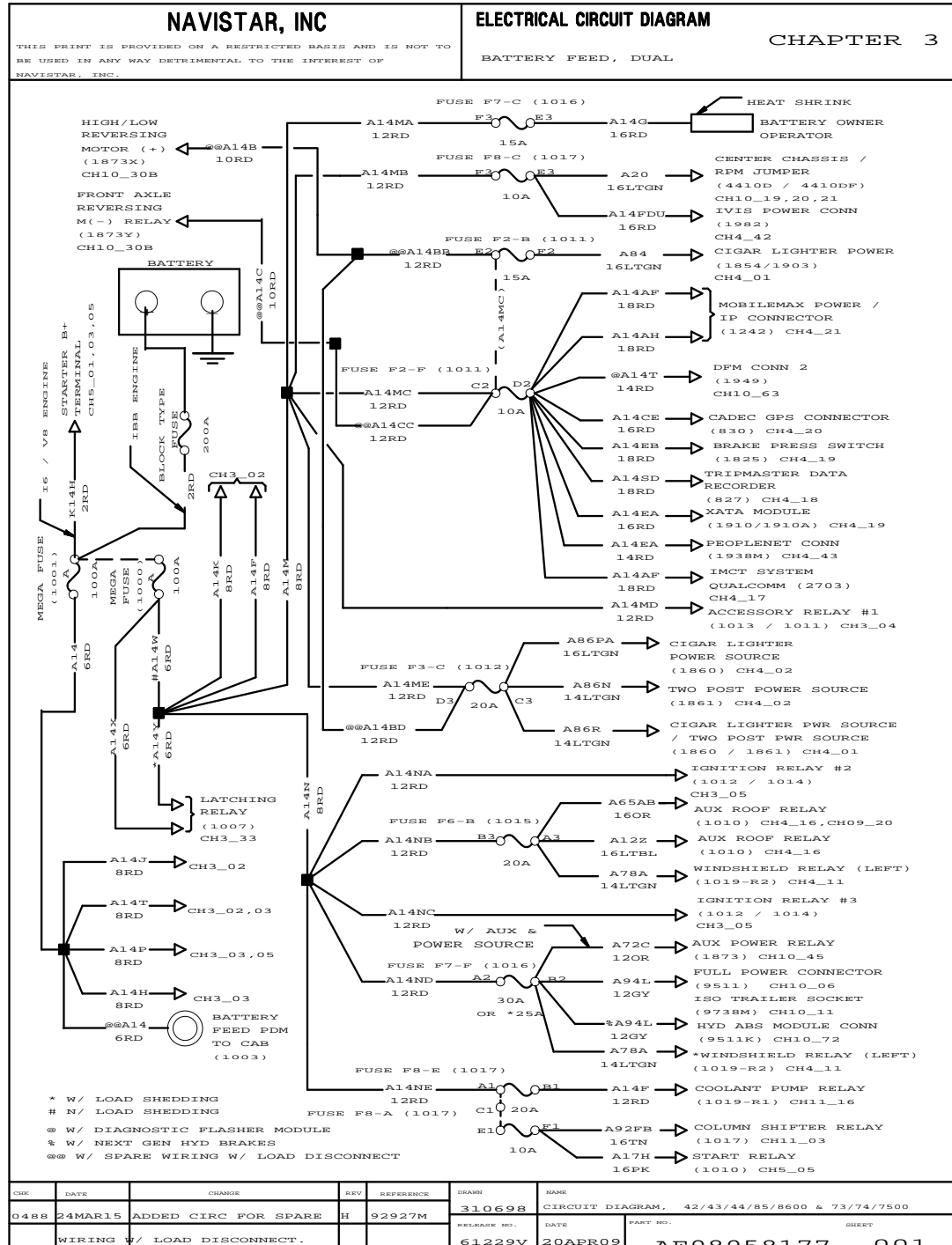


Figure 13 Battery Feed, Dual

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

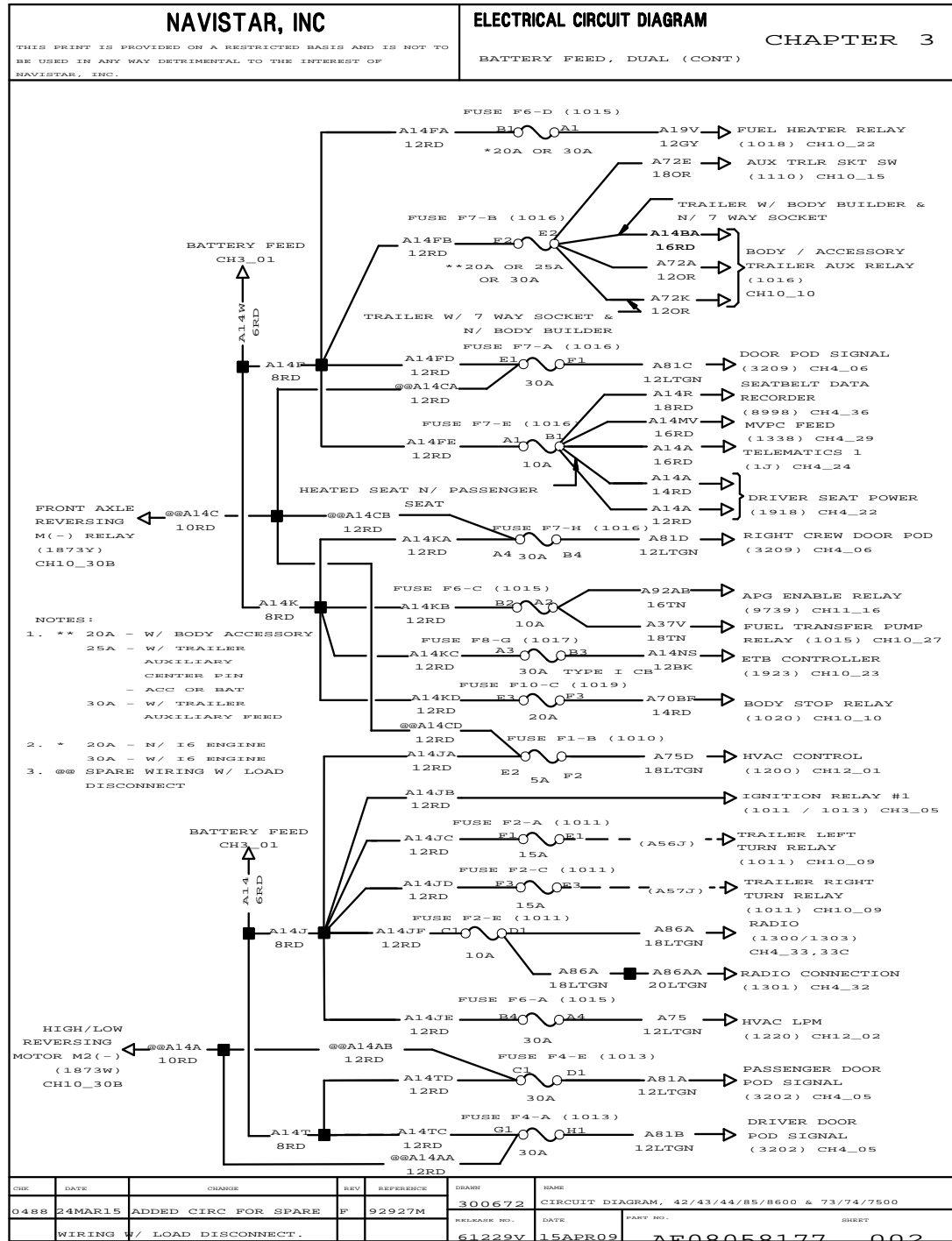


Figure 15 Battery Feed, Dual (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

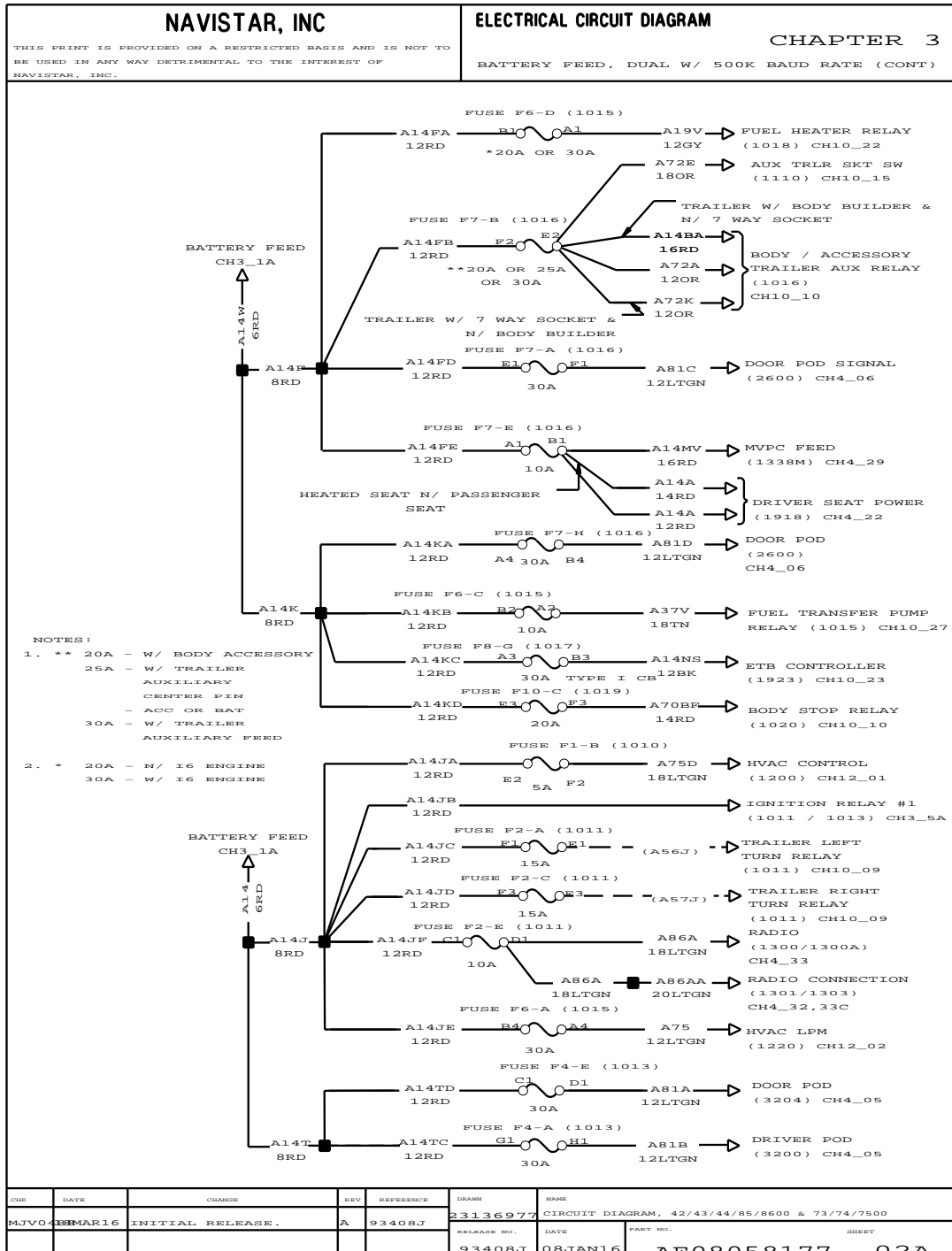


Figure 16 Battery Feed, Dual with 500K Baud Rate (Cont.)

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 3

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BATTERY FEED, DUAL (CONT)

NOTES:

1.* 10A - ALLISON XMSN
OR
EATON HYBRID
XMSN
30A - EATON AUTOSHIFT
OR
ULTRAShift XMSN
2.* 10A - PAM
15A - WINDSHIELD
RELAY
3.* 15A - WABCO AIR ABS
30A - BENDIX AIR ABS

BATTERY FEED CH3_01

Legend:

- * BATTERY FEED W/ PDM
- # BATTERY FEED W/ STD
- @ W/ DTC W/ AIR BRAKE
- % W/ BYPASS SWITCH
- % W/ NEXT GEN HYD BRAKE
- @@ SPARE WIRING W/ LOAD DISCONNECT.

Key Components and Connections:

- FUSE F2-G (1011):** A14PA (12RD) → 15A → A28 → 16TN → CLUSTER CONNECTOR (1500) CH8_05
- FUSE F3-A (1012):** A14PB (12RD) → 10A → A15 → 18RD → KEY SWITCH (1100) CH3_08, CH10_44, CH5_01, 02, 03, 04, 06, CH5_04, 05, 06
- FUSE F3-B (1012):** A14PB (12RD) → 10A → A98H → 18BK → DIAGNOSTIC CONN (1650) CH3_09
- FUSE F3-D (1012):** A14HA (12RD) → 20A → A54J → TRAILER MARKER (1012) CH10_09, 053
- FUSE F3-E (1012):** A14HB (12RD) → 20A → A68J → TRAILER TAIL (1012) CH10_09
- FUSE F3-F (1012):** A14HC (12RD) → 30A → A70J → TRAILER STOP RELAY (1016) CH10_10
- FUSE F3-H (1017):** A14PD (10RD) → 25A → A14G → EATON HYBRID HEAT EXCHANGER FAN RELAY (1019-R3) CH11_16
- FUSE F3-I (1017):** A14PD (10RD) → 25A → A14JT → AIR CHARGE RELAY (1020) CH7_16
- FUSE F3-J (1017):** A14PD (10RD) → 25A → A14F → IP / ENGINE (1702) CH11_26
- FUSE F3-K (1017):** A14PD (10RD) → 25A → A92BT → SHIFT SELECTOR (1852) CH11_05, 23
- FUSE F3-L (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F3-M (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F3-N (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F3-O (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F3-P (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F3-Q (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F3-R (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F3-S (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F3-T (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F3-U (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F3-V (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F3-W (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F3-X (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F3-Y (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F3-Z (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F7-D (1016):** A14HA (12RD) → 20A → A54J → TRAILER MARKER (1012) CH10_09, 053
- FUSE F8-B (1017):** A14HB (12RD) → 20A → A68J → TRAILER TAIL (1012) CH10_09
- FUSE F8-D (1017):** A14HC (12RD) → 30A → A70J → TRAILER STOP RELAY (1016) CH10_10
- FUSE F8-F (1017):** A14PD (10RD) → 25A → A14G → EATON HYBRID HEAT EXCHANGER FAN RELAY (1019-R3) CH11_16
- FUSE F8-H (1017):** A14PD (10RD) → 25A → A14JT → AIR CHARGE RELAY (1020) CH7_16
- FUSE F8-I (1017):** A14PD (10RD) → 25A → A14F → IP / ENGINE (1702) CH11_26
- FUSE F8-J (1017):** A14PD (10RD) → 25A → A92BT → SHIFT SELECTOR (1852) CH11_05, 23
- FUSE F8-K (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F8-L (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F8-M (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F8-N (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F8-O (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F8-P (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F8-Q (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F8-R (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F8-S (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F8-T (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F8-U (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F8-V (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F8-W (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F8-X (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F8-Y (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F8-Z (1017):** A14PD (10RD) → 25A → A14H → PEC FAN RELAY (1873) CH11_16
- FUSE F11-A (1020):** A14HD (14RD) → 5A → A94BF → LIGHT SWITCH (4037) CH10_06
- FUSE F11-B (1020):** A14HE (12RD) → 15A → A94AY → ABS#1, BENDIX (1400) CH10_01
- FUSE F11-C (1020):** A14HE (12RD) → 15A → A94AY → WABCO ABS (1420) CH10_05
- FUSE F11-D (1020):** A14HE (12RD) → 15A → A40C → AIR COMPRESSOR RELAY (1874) CH6_05
- FUSE F11-E (1020):** A14HE (12RD) → 15A → A40C → AIR COMPRESSOR RELAY (1874) CH

17

3.7. ACCESSORY FEED, P. 4

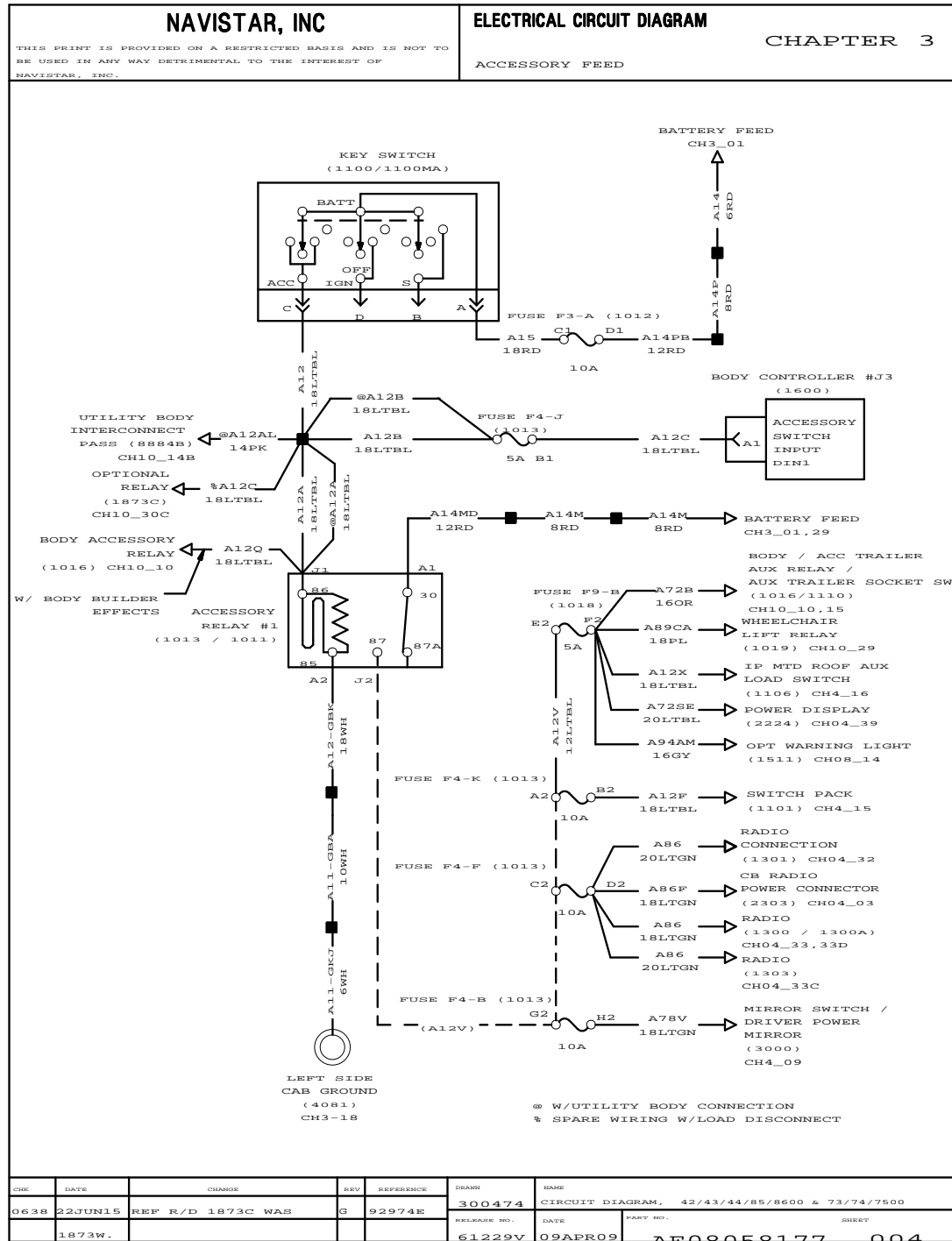


Figure 19 Accessory Feed

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

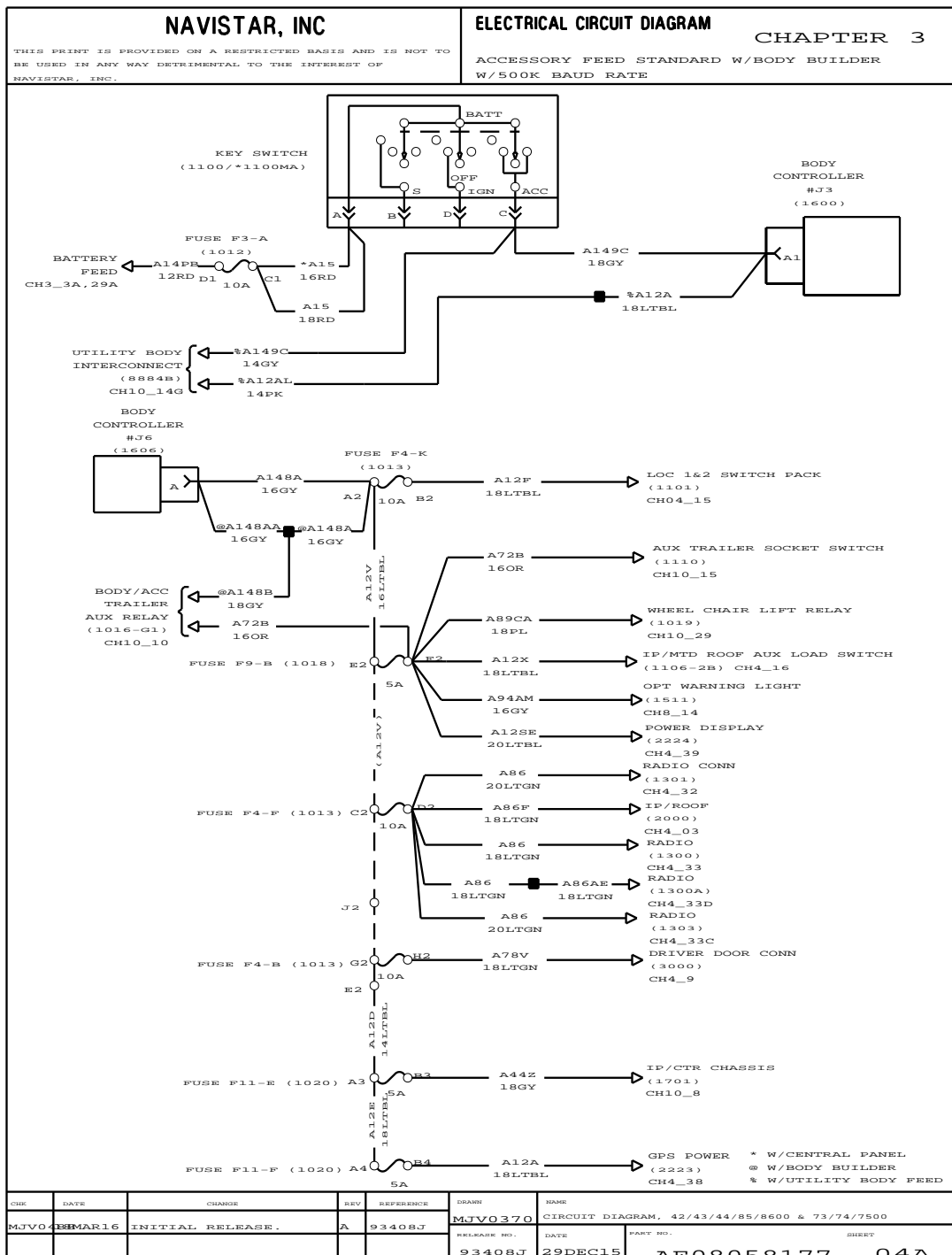


Figure 20 Accessory Feed Standard with Body Builder with 500K Baud Rate

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

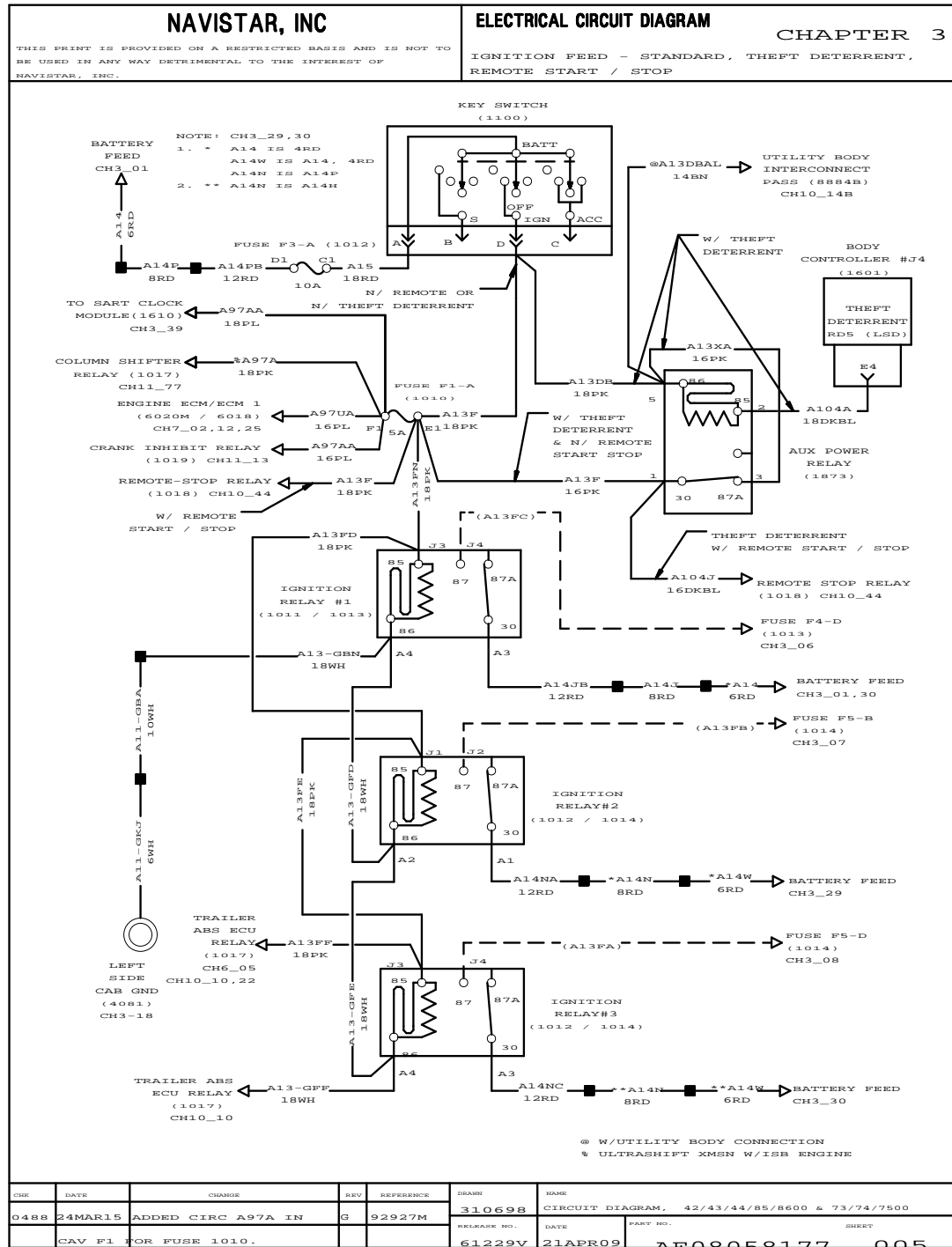


Figure 21 Ignition Feed – Standard, Theft Deterrent, Remote Start / Stop

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

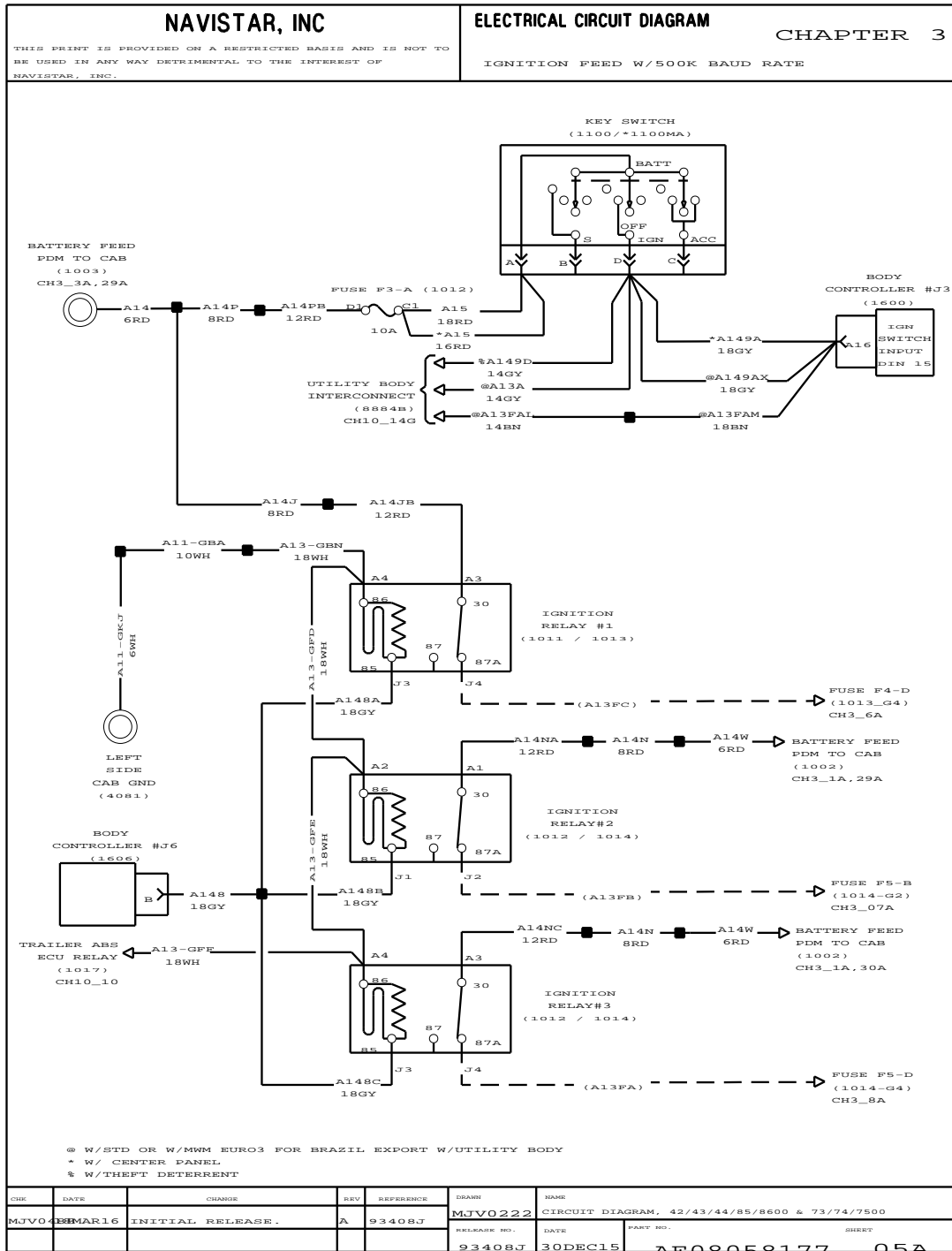


Figure 22 Ignition Feed with 500K Baud Rate

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.11. IGNITION FEED – RELAY 1, P. 6

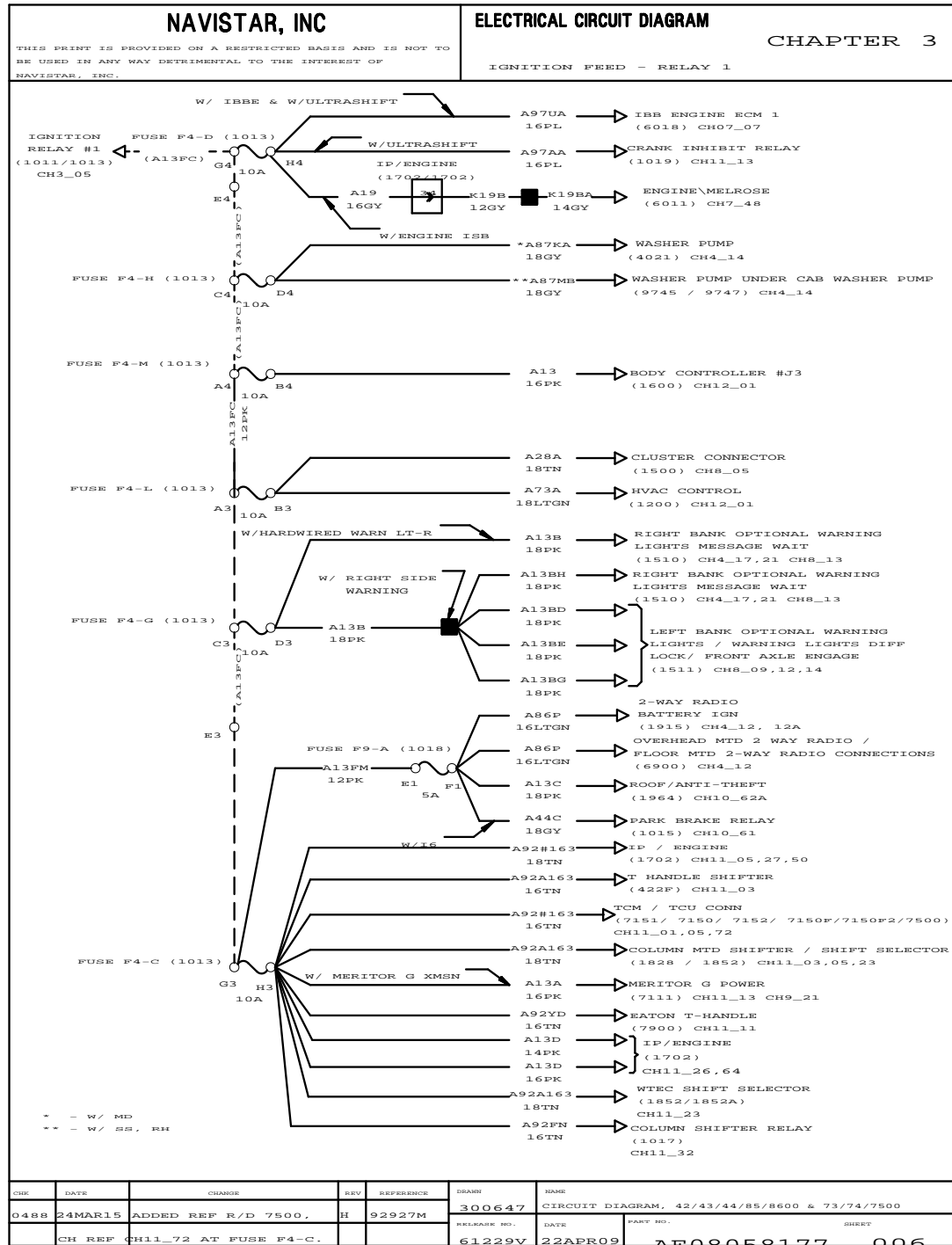


Figure 23 Ignition Feed – Relay 1

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

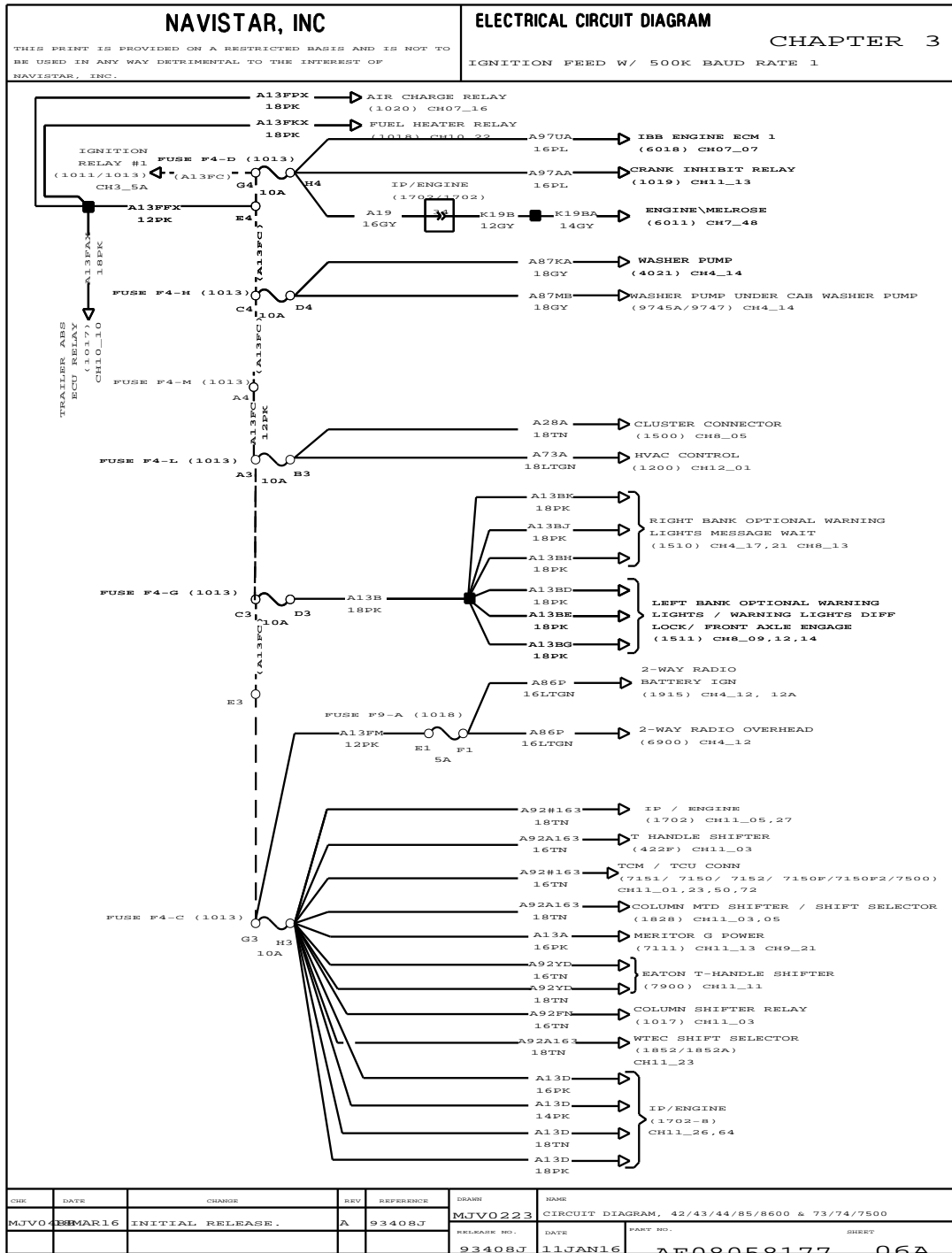


Figure 24 Ignition Feed with 500K Baud Rate 1

3.13. IGNITION FEED – RELAY 2, P. 7

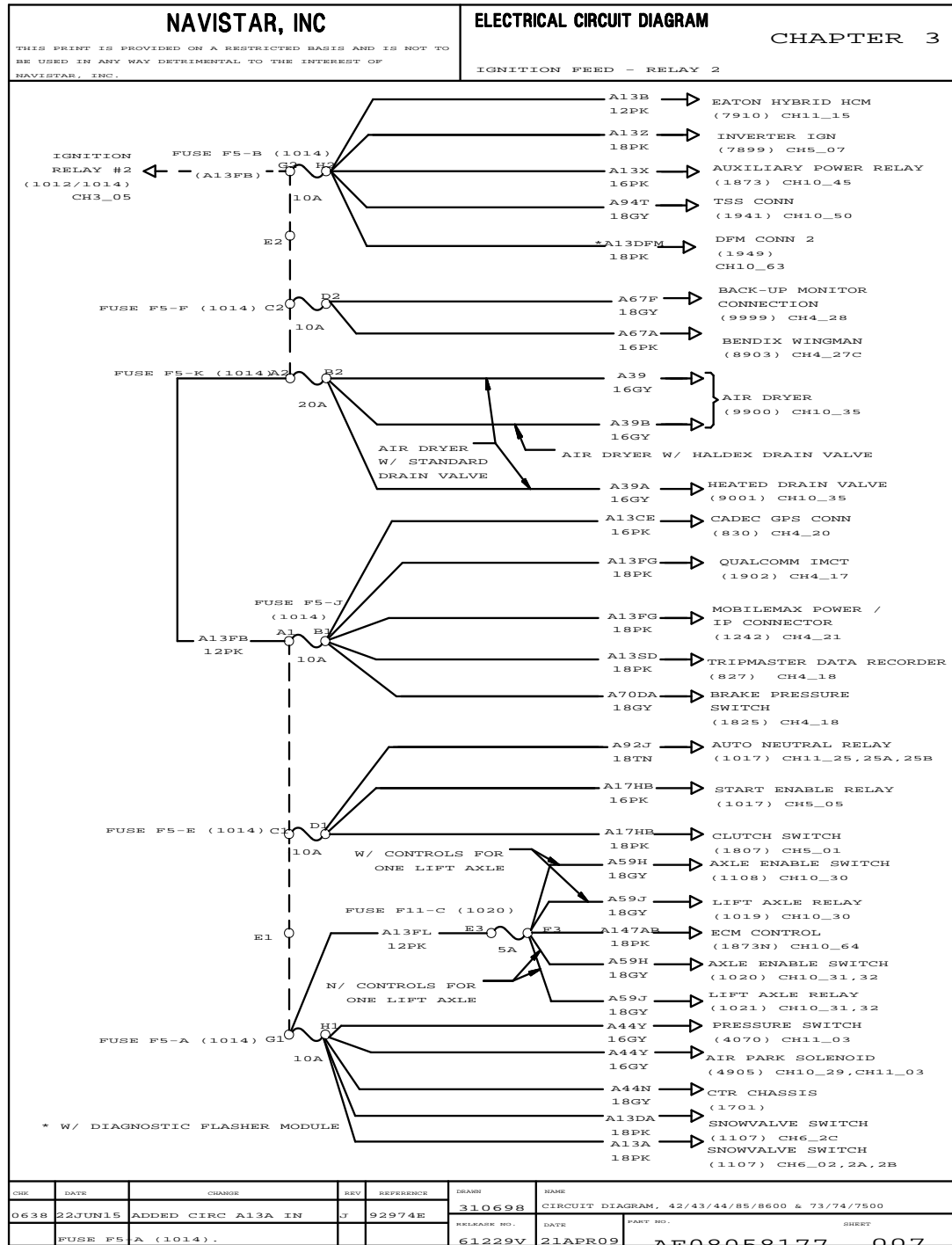


Figure 25 Ignition Feed – Relay 2

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

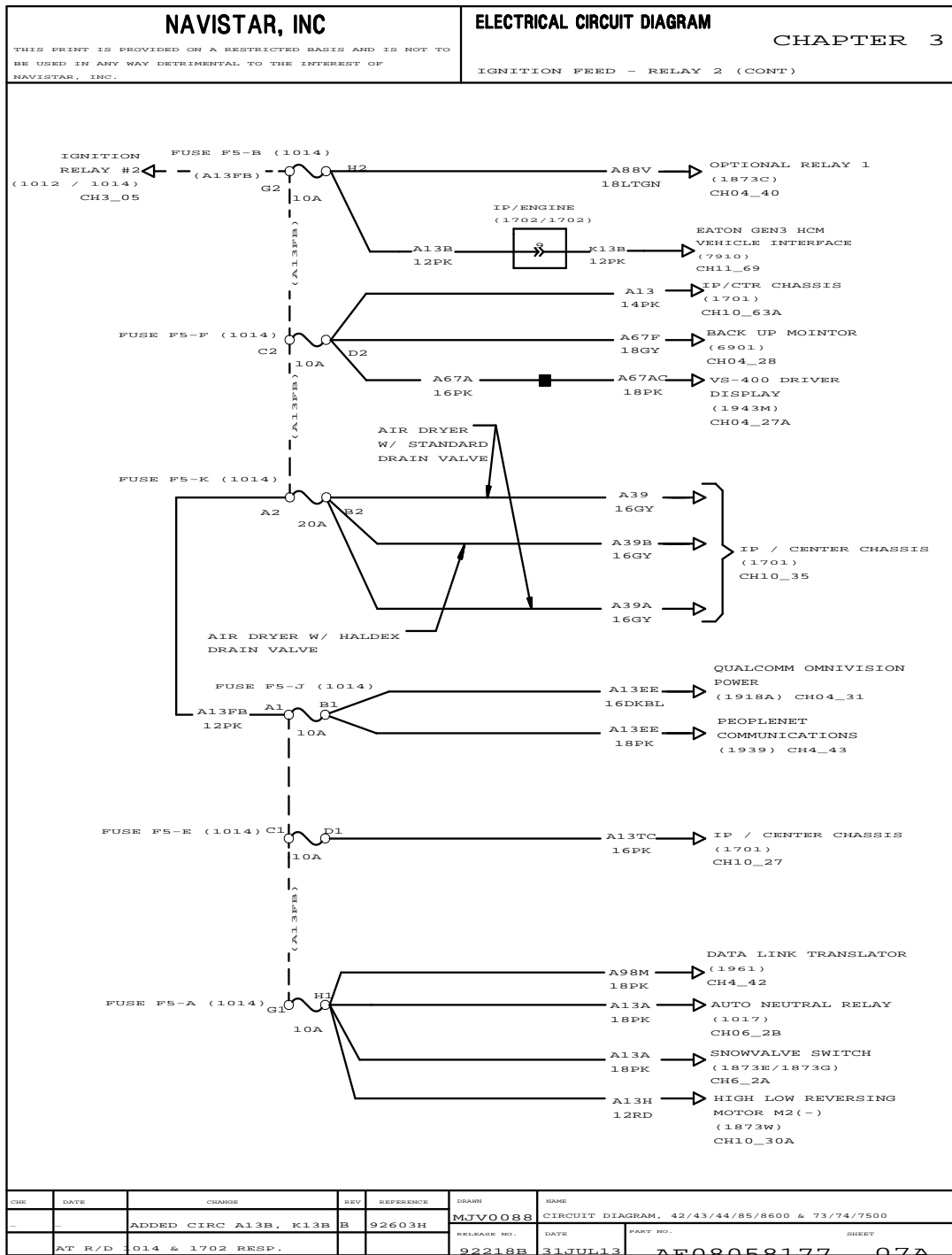


Figure 26 Ignition Feed – Relay 2 (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.16. IGNITION FEED – RELAY 3, P. 8

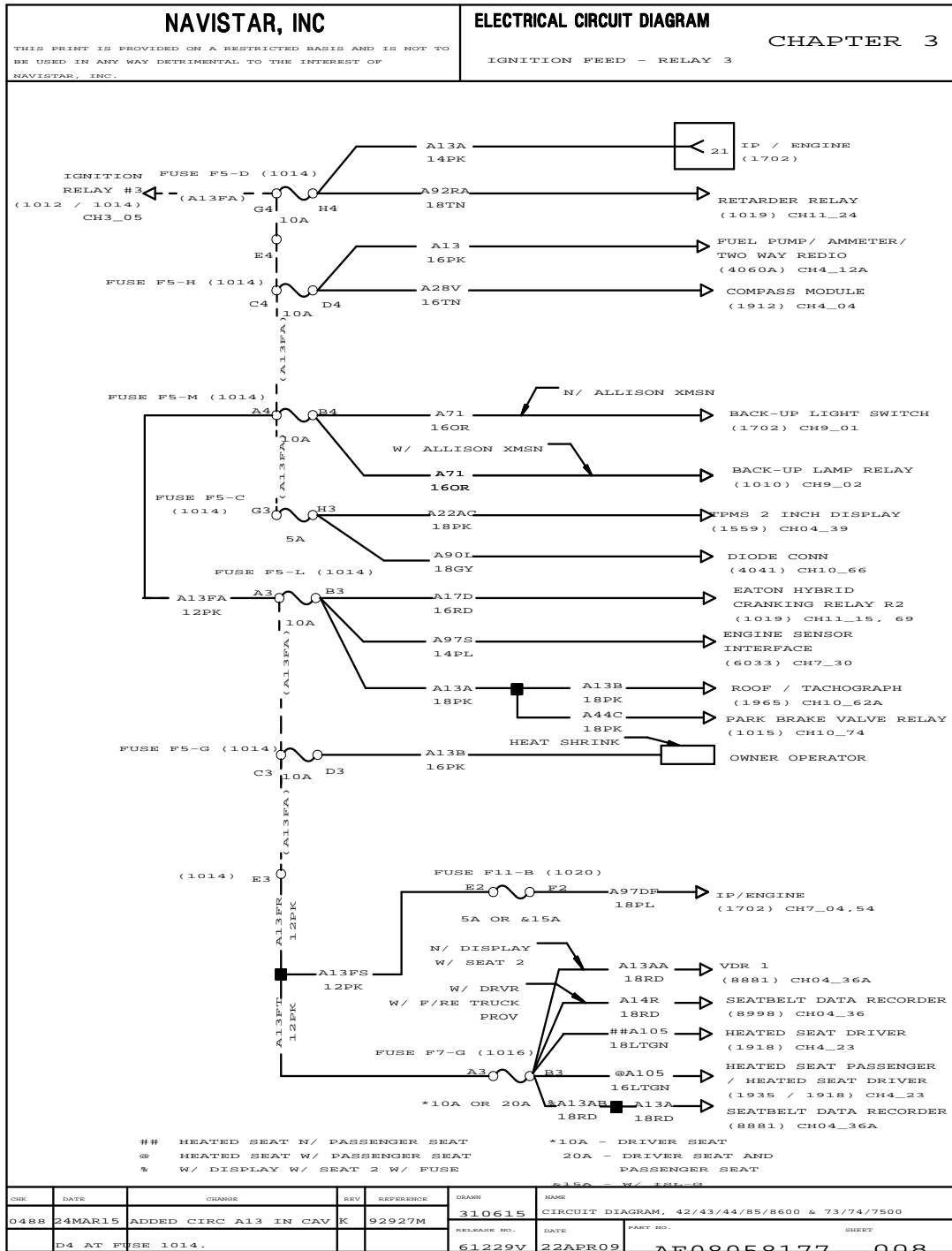


Figure 28 Ignition Feed – Relay 3

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

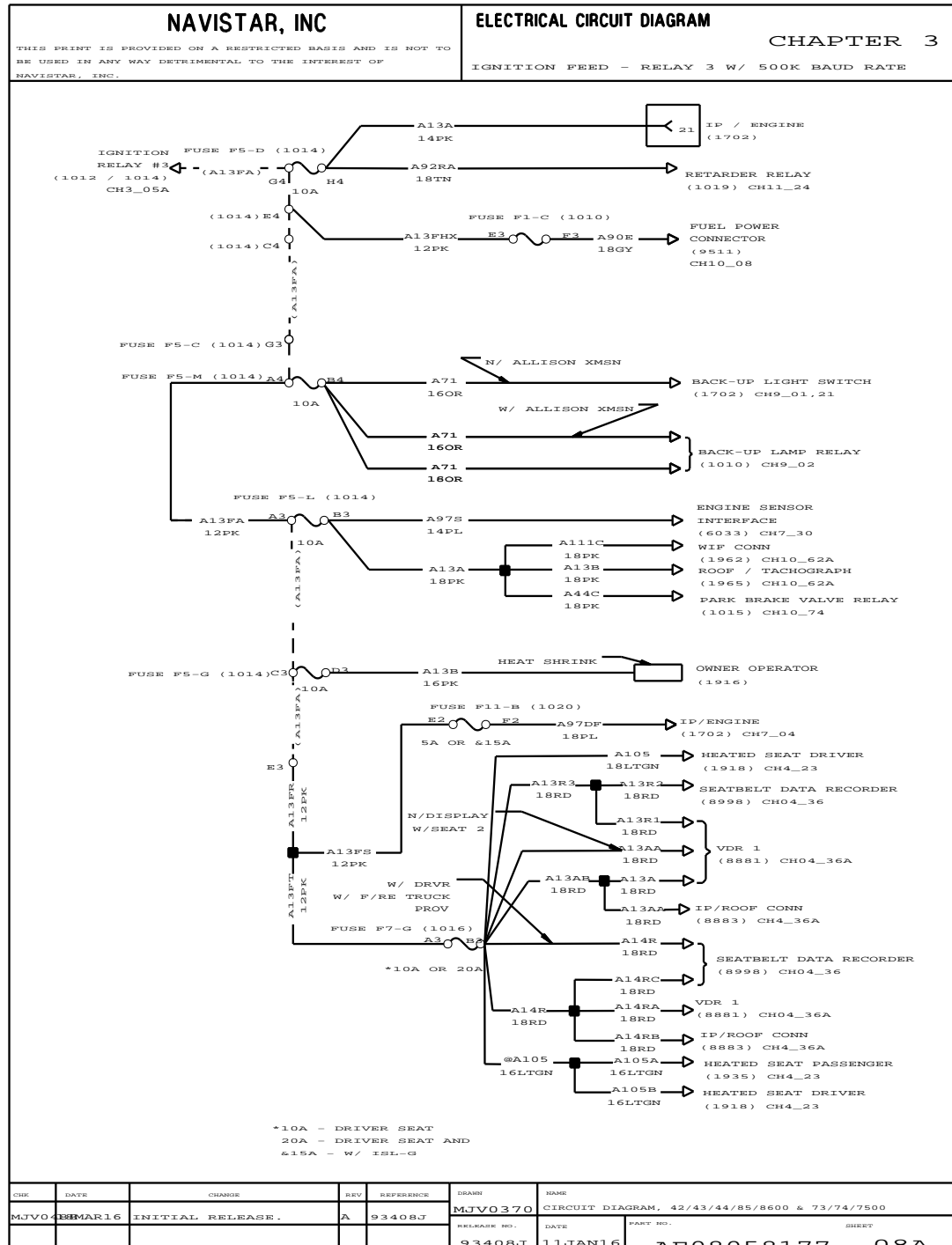


Figure 29 Ignition Feed – Relay 3 with 500K Baud Rate

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

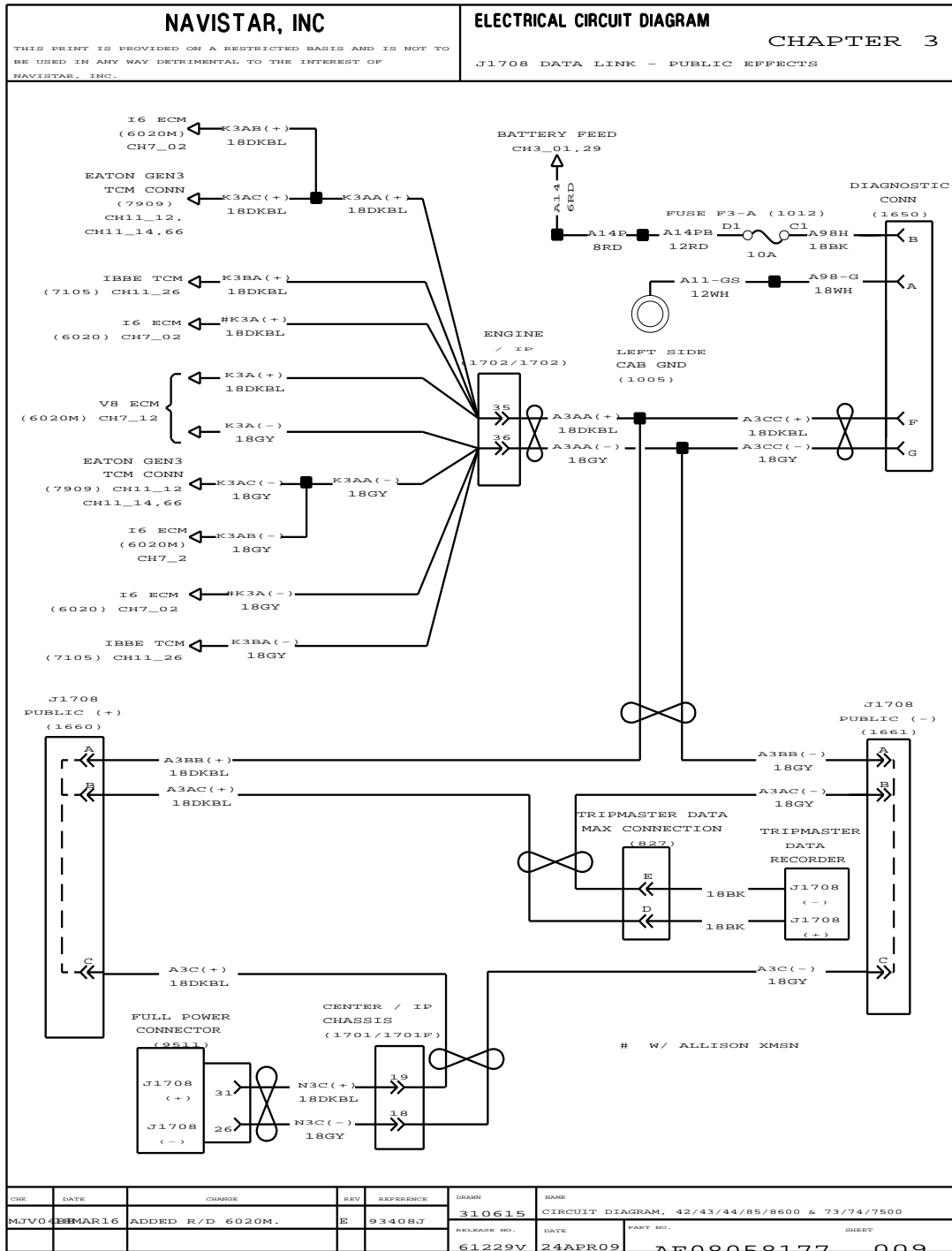


Figure 30 J1708 Data Link – Public Effects

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

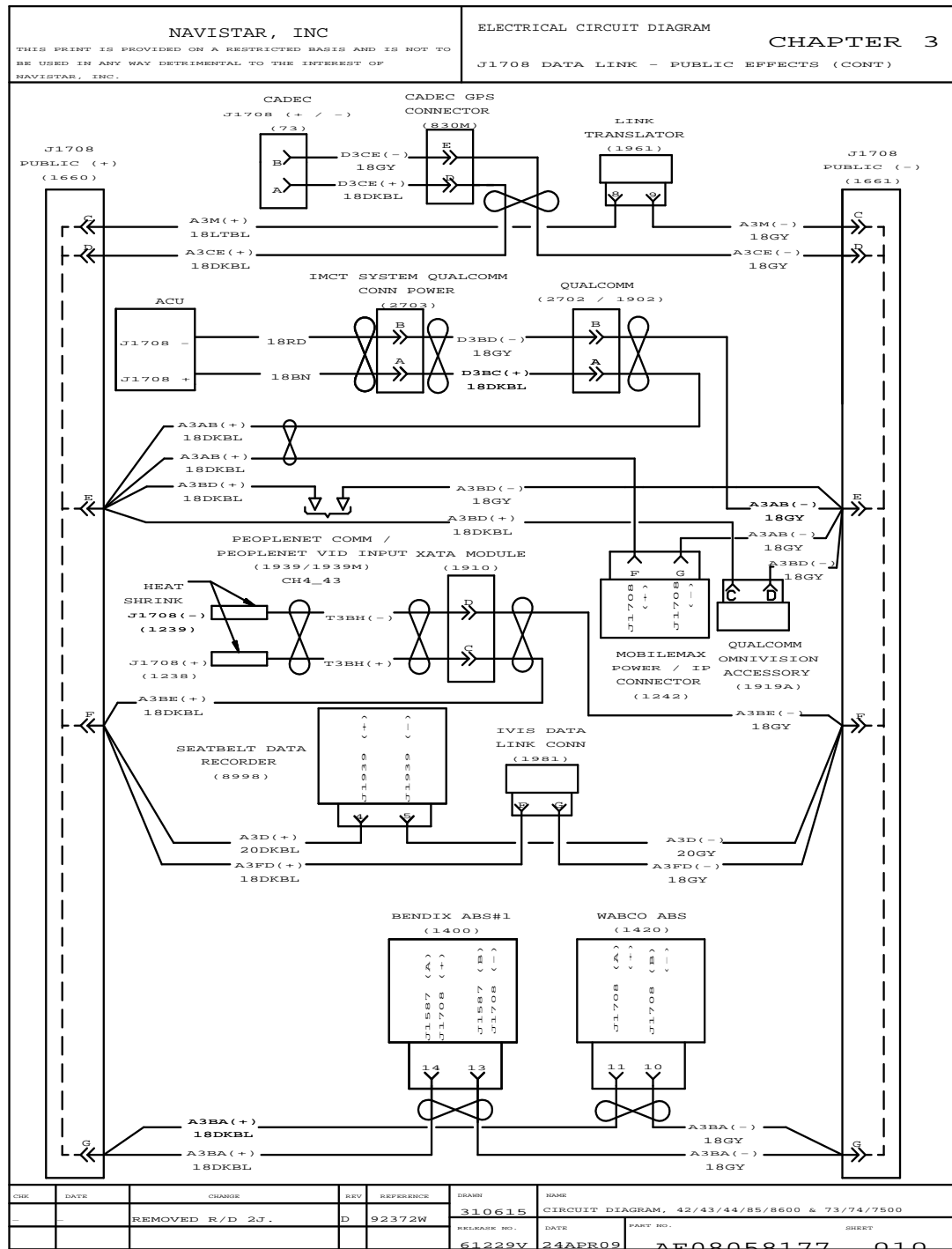
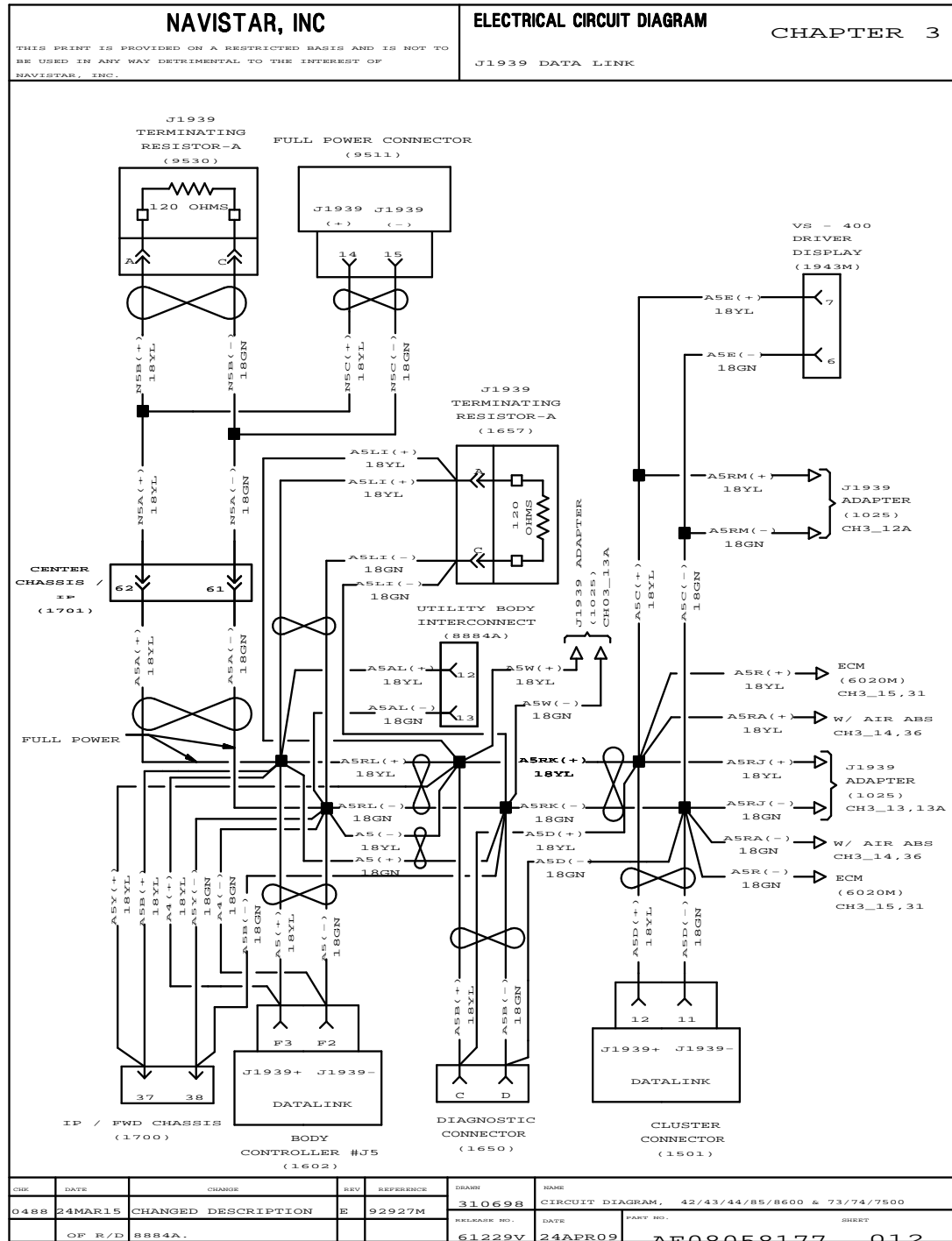


Figure 31 J1708 Data Link – Public Effects (Cont.)



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

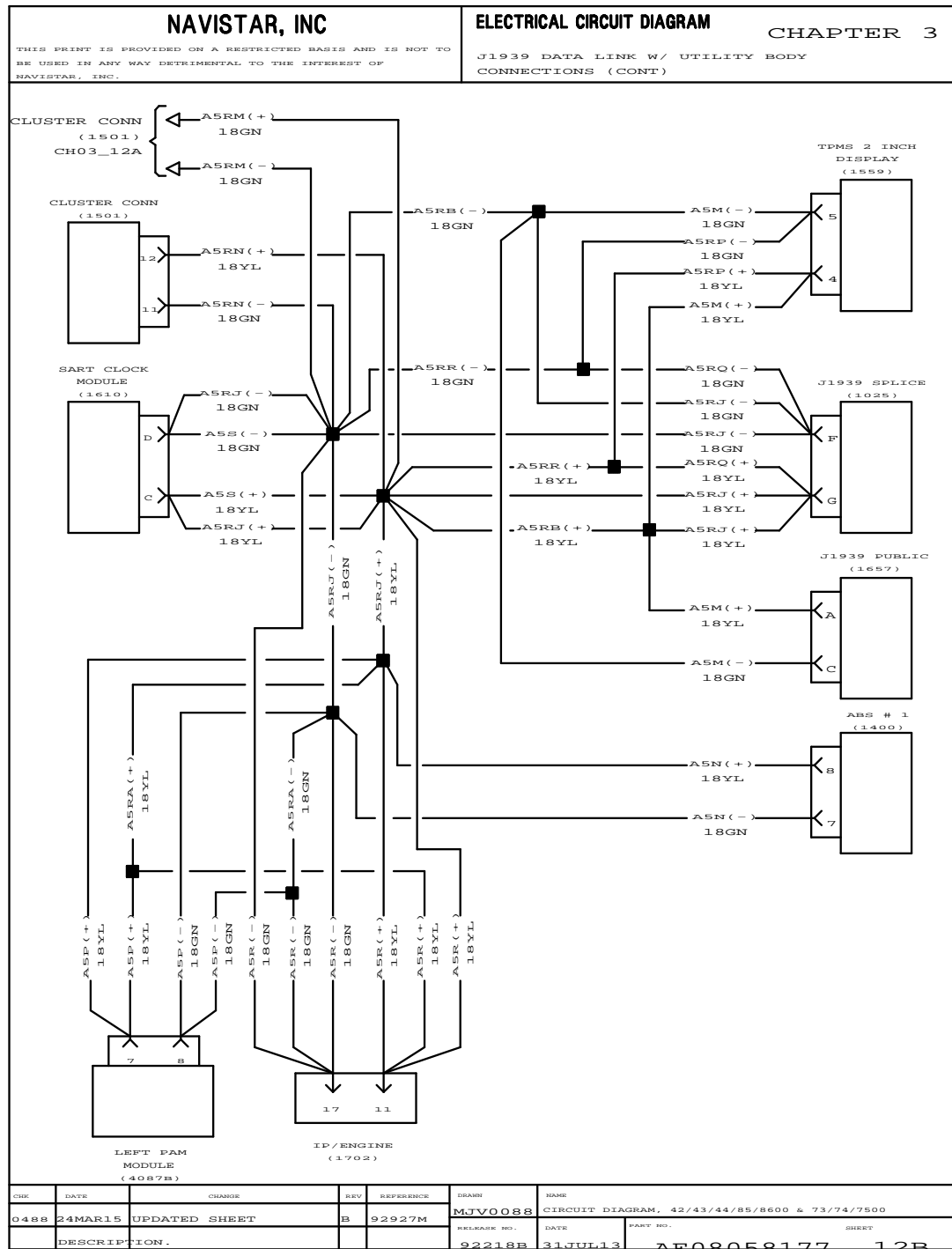


Figure 35 J1939 Data Link with Utility Body Connections (Cont.)

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 3

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J1939 DATA LINK - W/ OPTION

J1939 ADAPTER (1025)

SART CLOCK MODULE (1610)

VS-400 DRIVER DISPLAY (1943M)

CLUSTER CONN (1501)

DIAGNOSTIC CONN (1650)

NET MODULE (1910A)

IP / FWD CHASSIS (1700/1700) CH04_27A

BODY CONTROLLER #J5 (1602)

CDR	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	07AUG13
					PARTY NO.	SHEET
					AF08058177	12P

Figure 37 J1939 Data Link with Options

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

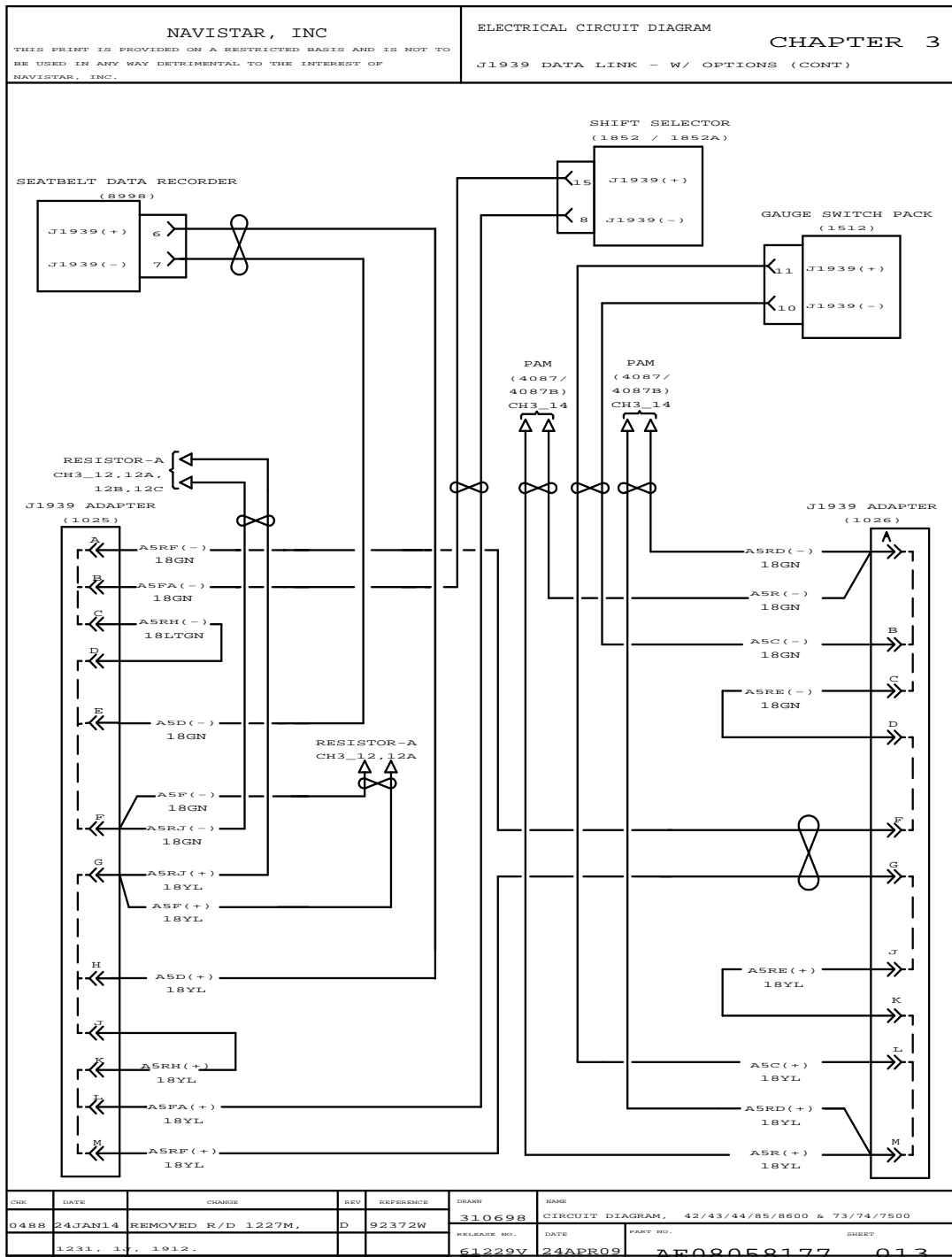


Figure 38 J1939 Data Link with Options (Cont.)

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

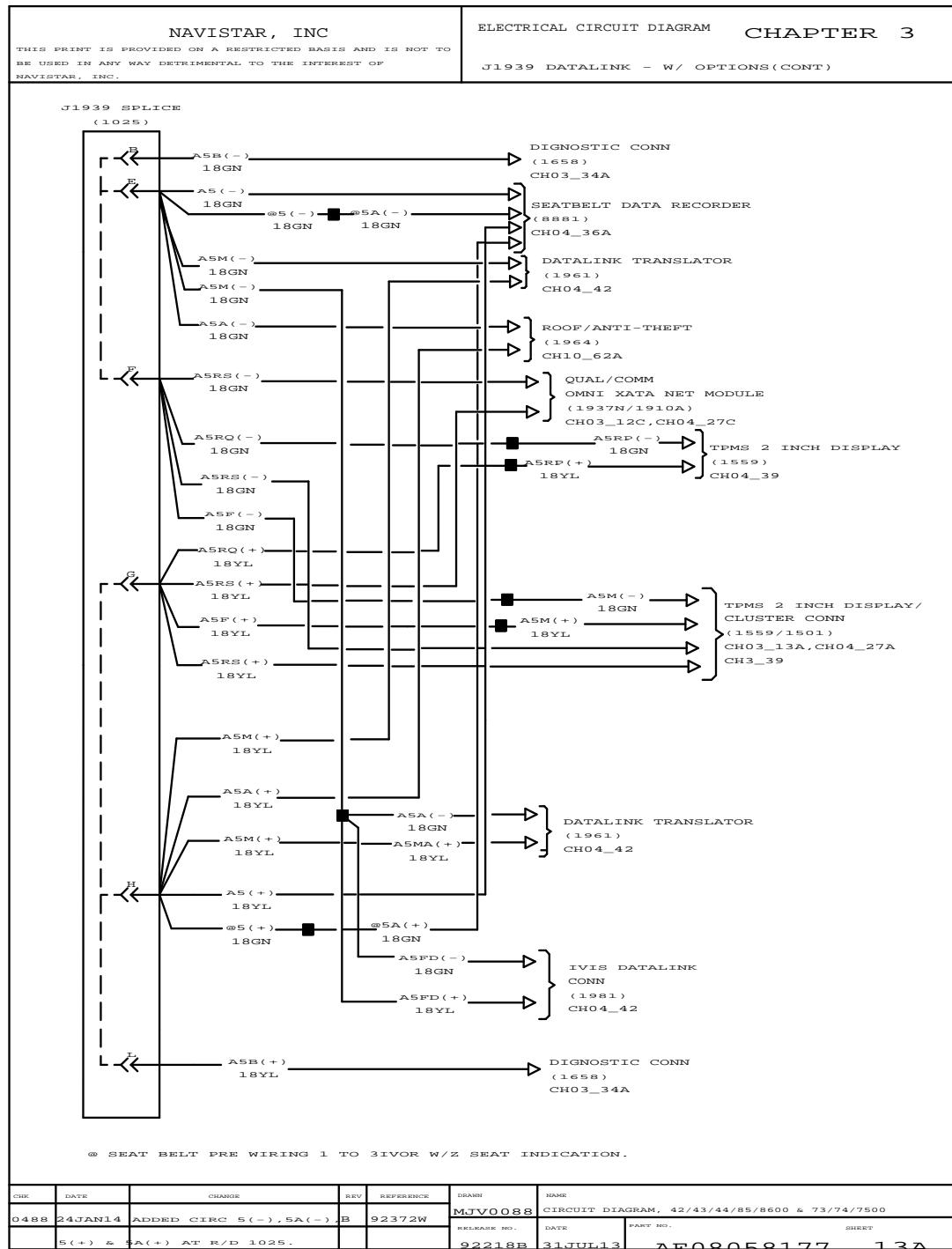


Figure 39 J1939 Data Link with Options (Cont.)

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

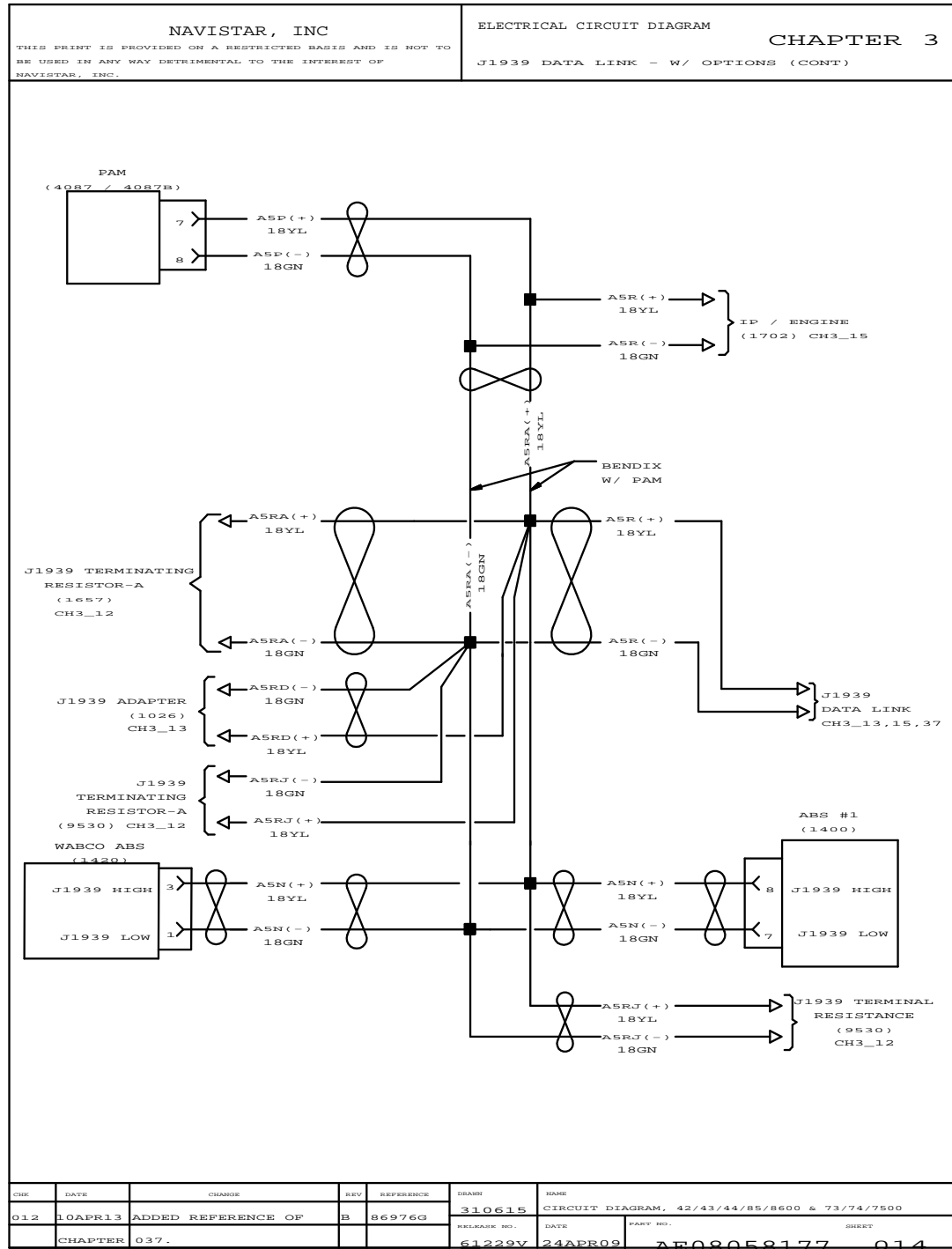


Figure 41 J1939 Data Link with Options (Cont.)

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

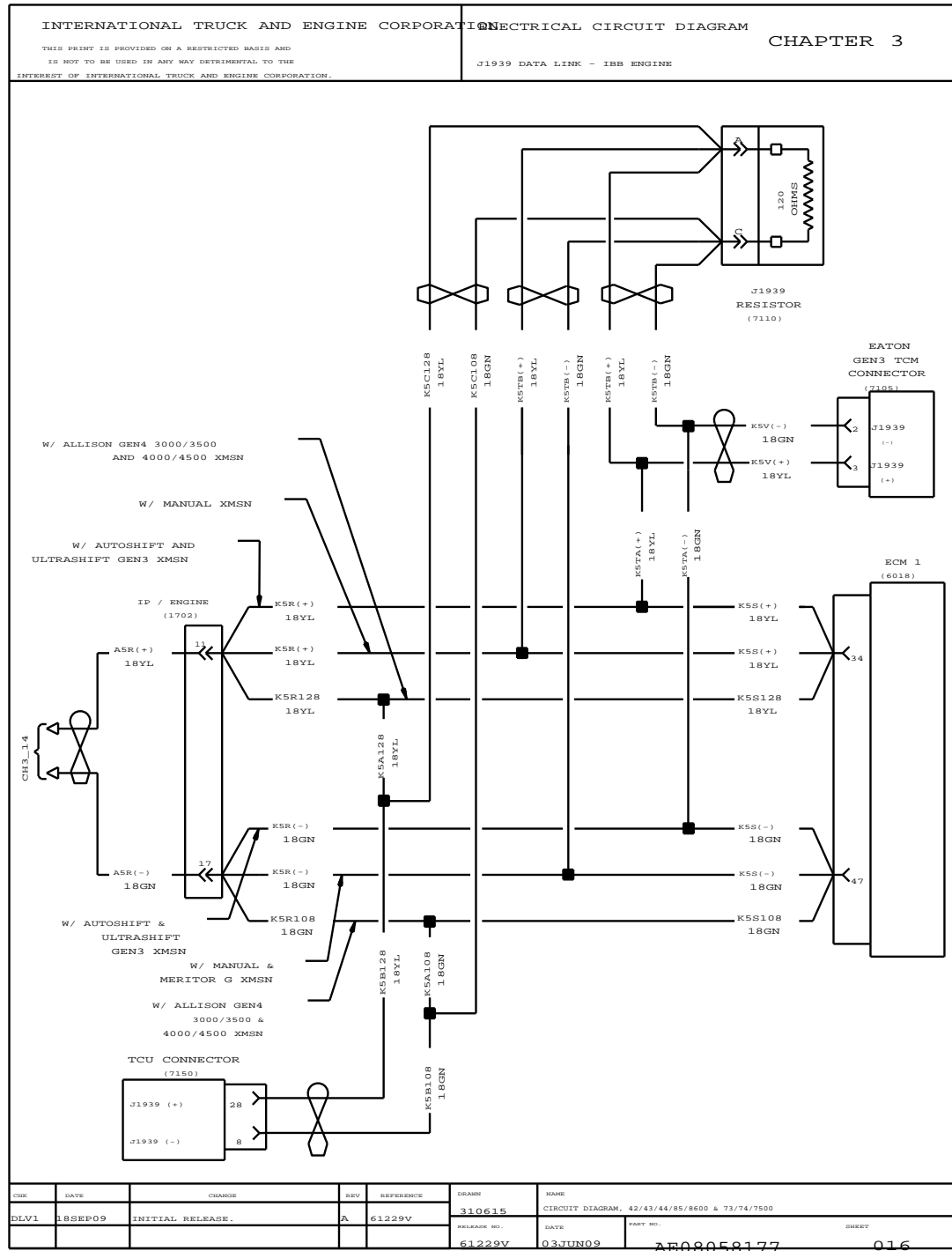


Figure 43 J1939 Data Link – IBB Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.33. GROUND – IP, P. 17

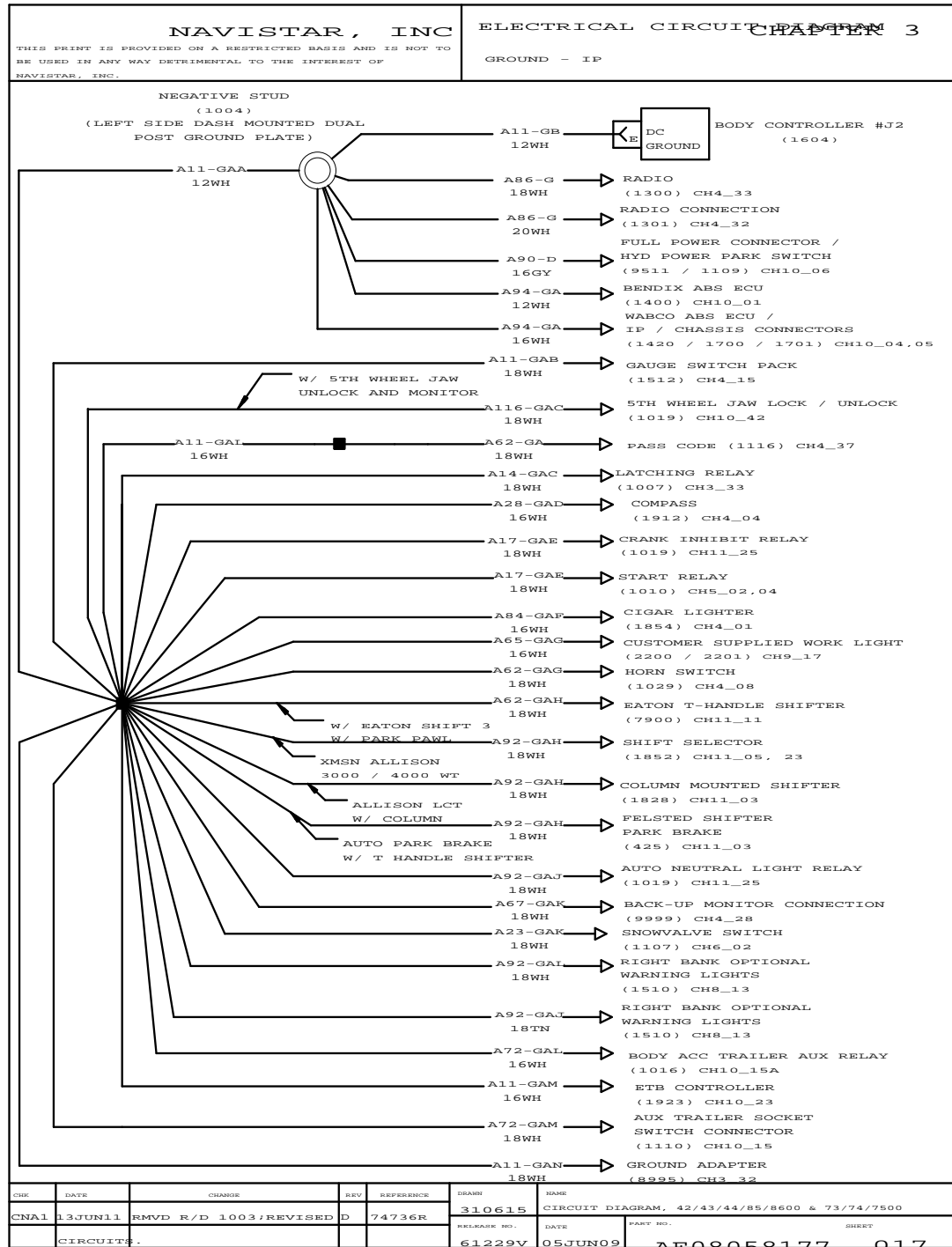


Figure 45 Ground – IP

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.34. GROUND – IP (CONT.), P. 18

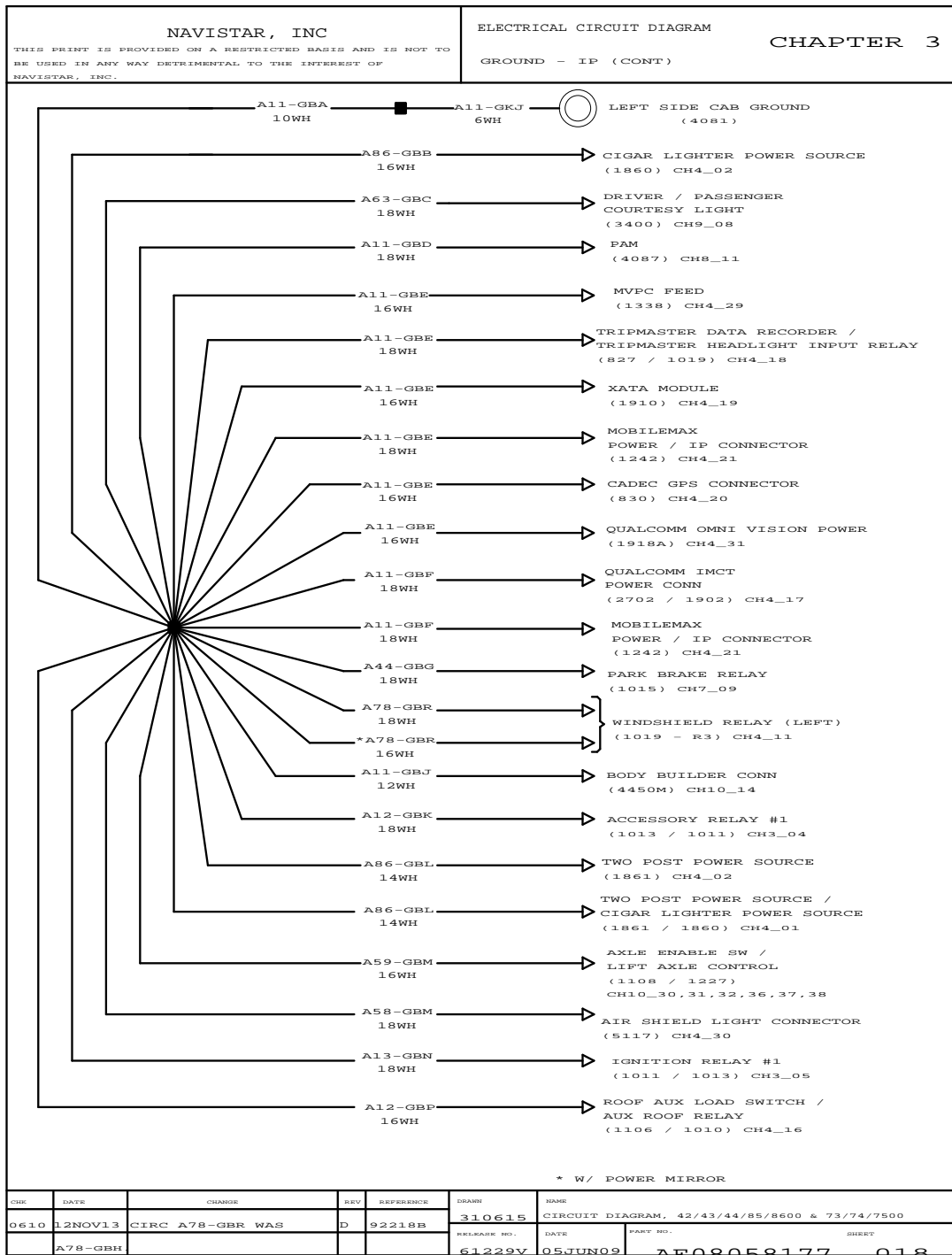


Figure 46 Ground – IP (Cont.)

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ELECTRICAL CIRCUIT DIAGRAM

GROUND - IP (CONT)

CHAPTER 3

The diagram illustrates the electrical circuit for Chapter 3, showing a central junction connected to various components. The components and their associated wire types are listed below:

Wire Label	Component
A11-GCA 10WH	LEFT SIDE CAB GROUND (4081)
A11-GKJ 6WH	LEFT SIDE CAB GROUND (4081)
A11-GCB 18WH	AUX POWER RELAY (1873) CH10_45,24
A62-GCB 18WH	ROCKER START SWITCH (1105) CH5_08
A96-GCC 18YL	HIGH BEAM RELAY / LOW BEAM RELAY (1018) CH9_13
A37-GCD 18WH	FUEL TRANSFER PUMP RELAY (1015) CH10_27
A78-GCE 16WH	MIRROR SW CONN (254F) CH4_09
A78-GCF 16WH	PASSENGER POWER MIRROR (3003) CH4_09
A19-GCG 18WH	FUEL HEATER RELAY (1018) CH10_22
A11-GCH 16WH	TRAILER TURN RELAYS (1011) CH10_09
A67-GCJ 16WH	VORAD CPU CONN (1227M) CH4_25
A67-GCJ 16WH	VS - 400 DRIVER DISPLAY / FORWARD RADAR (1943M / 8901M) CH4_27
A65-GCK 18WH	AUX ROOF LOAD RELAY (1010) CH4_11A
A11-GCK 14GY	DIODE ASSY (9915) CH10_24
A72-GCL 18WH	BODY / ACCESSORY TRAILER AUX RELAY (1016) CH10_10
A11-GCM 18WH	TELEMATICS (17) CH4_24
A11-GCN 12WH	DRIVER SEAT POWER / HEATER SEAT PASSENGER (1918 / 1935) CH4_22
*A11-GCN 14WH	DRIVER SEAT POWER / HEATER SEAT PASSENGER (1918 / 1935) CH4_22
*A105-GCP 18WH	DRIVER SEAT POWER (1918) CH4_23
@A105-GCP 16WH	DRIVER SEAT POWER / PASSENGER (1918 / 1935) CH4_23

* - HEATED SEAT N / PASSENGER SEAT
 @ - HEATED SEAT W / PASSENGER SEAT

CHG	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0488	24JAN14	REMOVED CIRC A11-GCN	D	92372W	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
FOR 18 WIRE GAUGE.					61229V	05JUN09

PART NO. A700050177

SHEET 018

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3.36. GROUND – IP (CONT.), P. 20

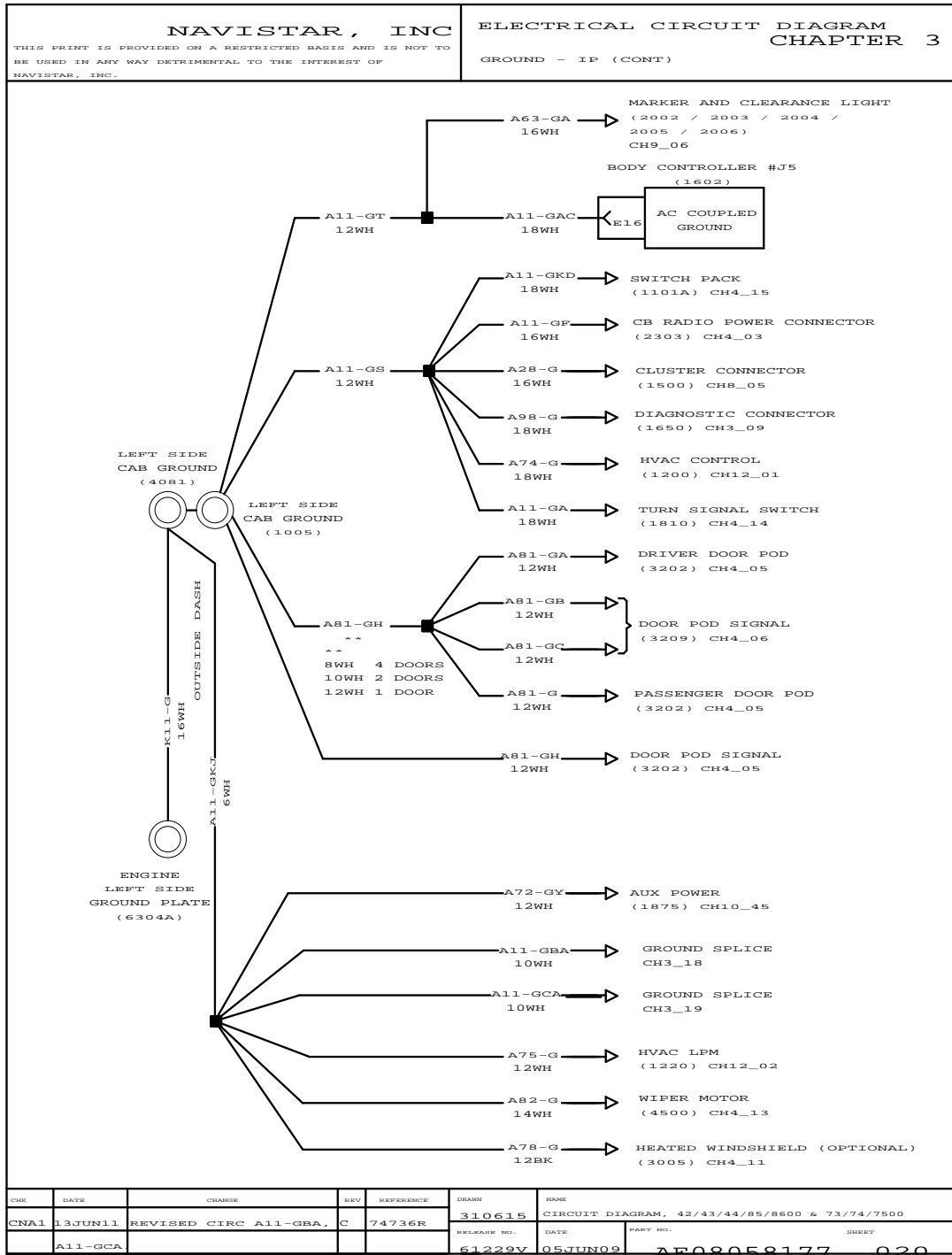


Figure 48 Ground – IP (Cont.)

3.37. GROUND – CHASSIS, P. 21

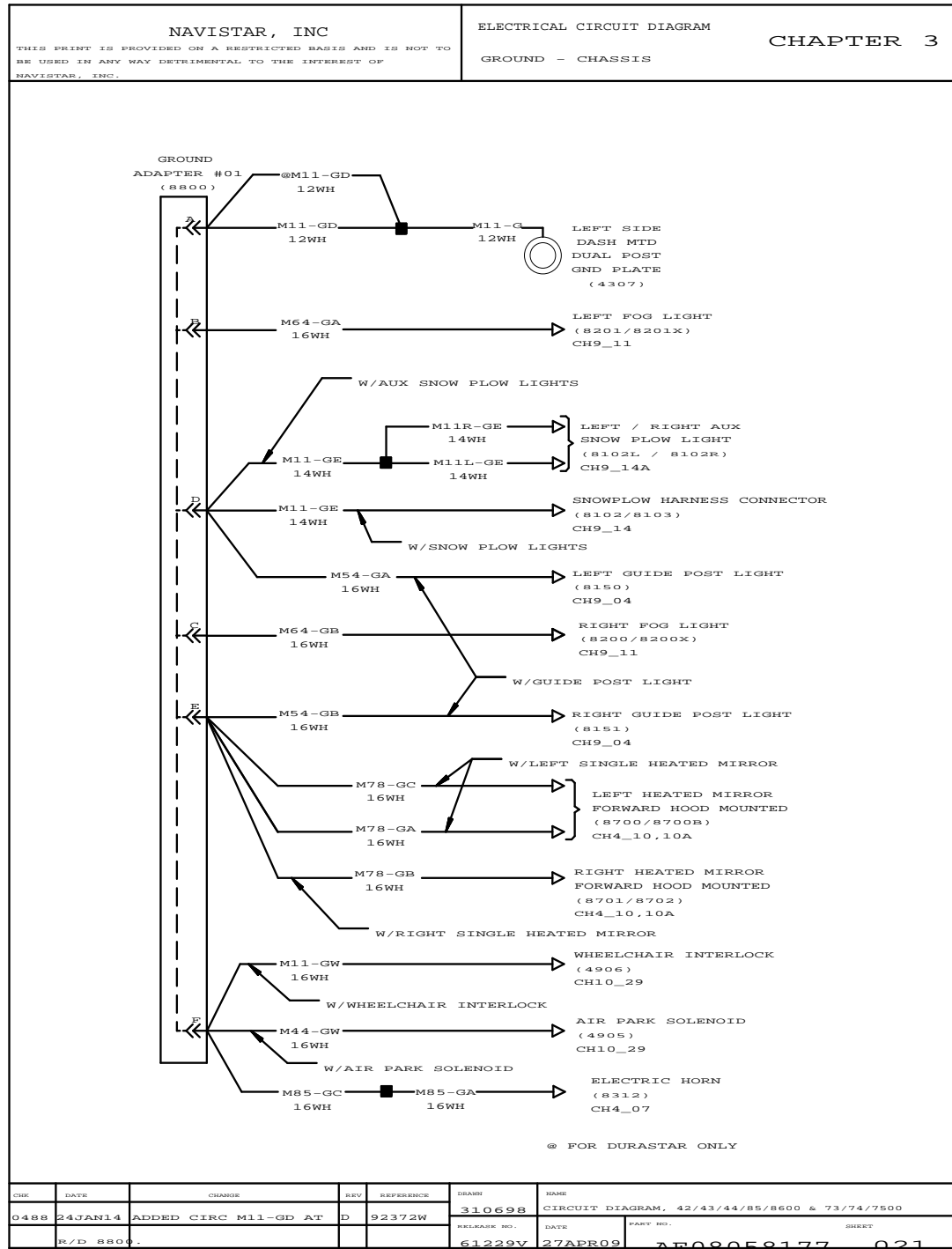
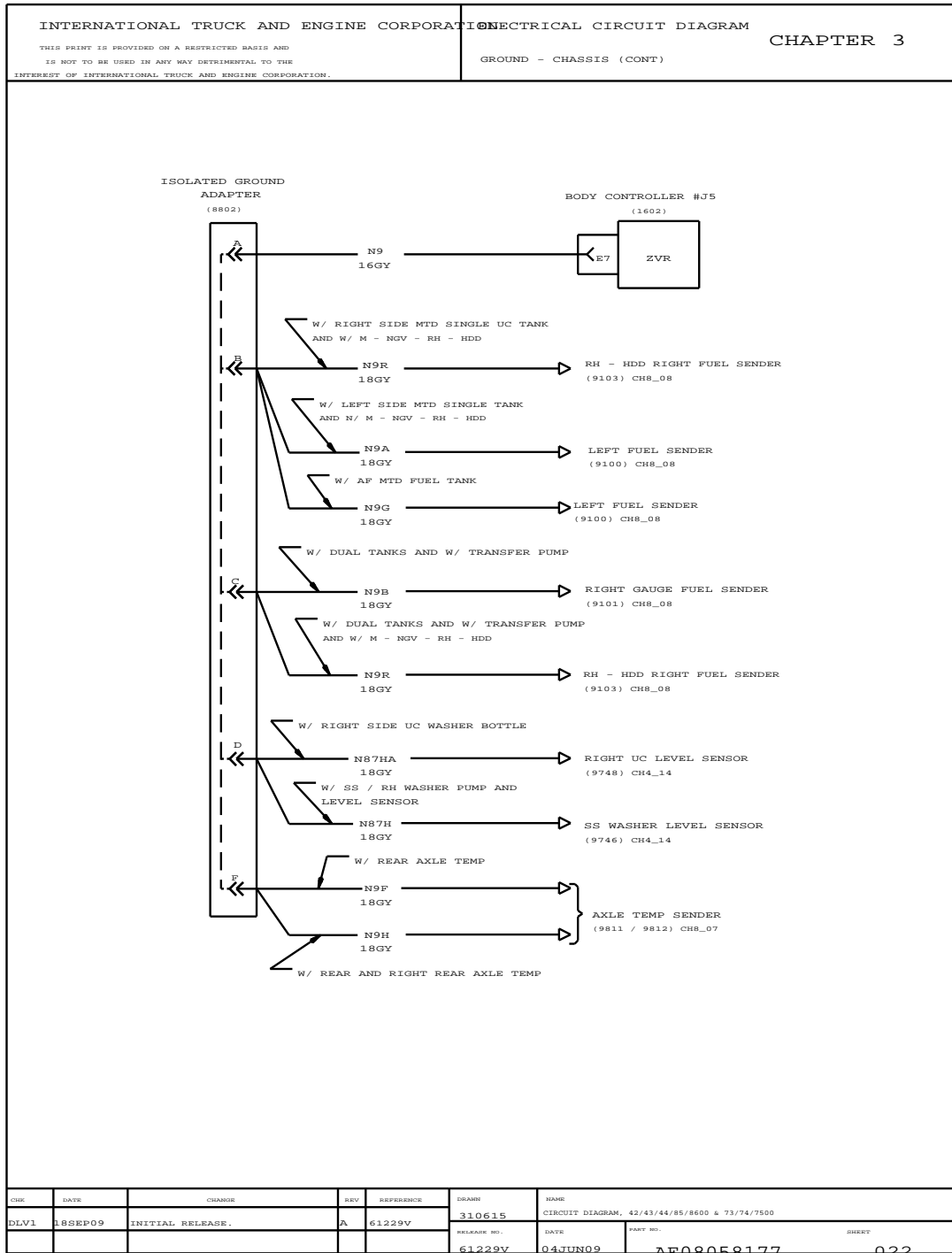


Figure 49 Ground – Chassis

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.38. GROUND – CHASSIS (CONT.), P. 22



ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.39. GROUND – CHASSIS (CONT.), P. 23

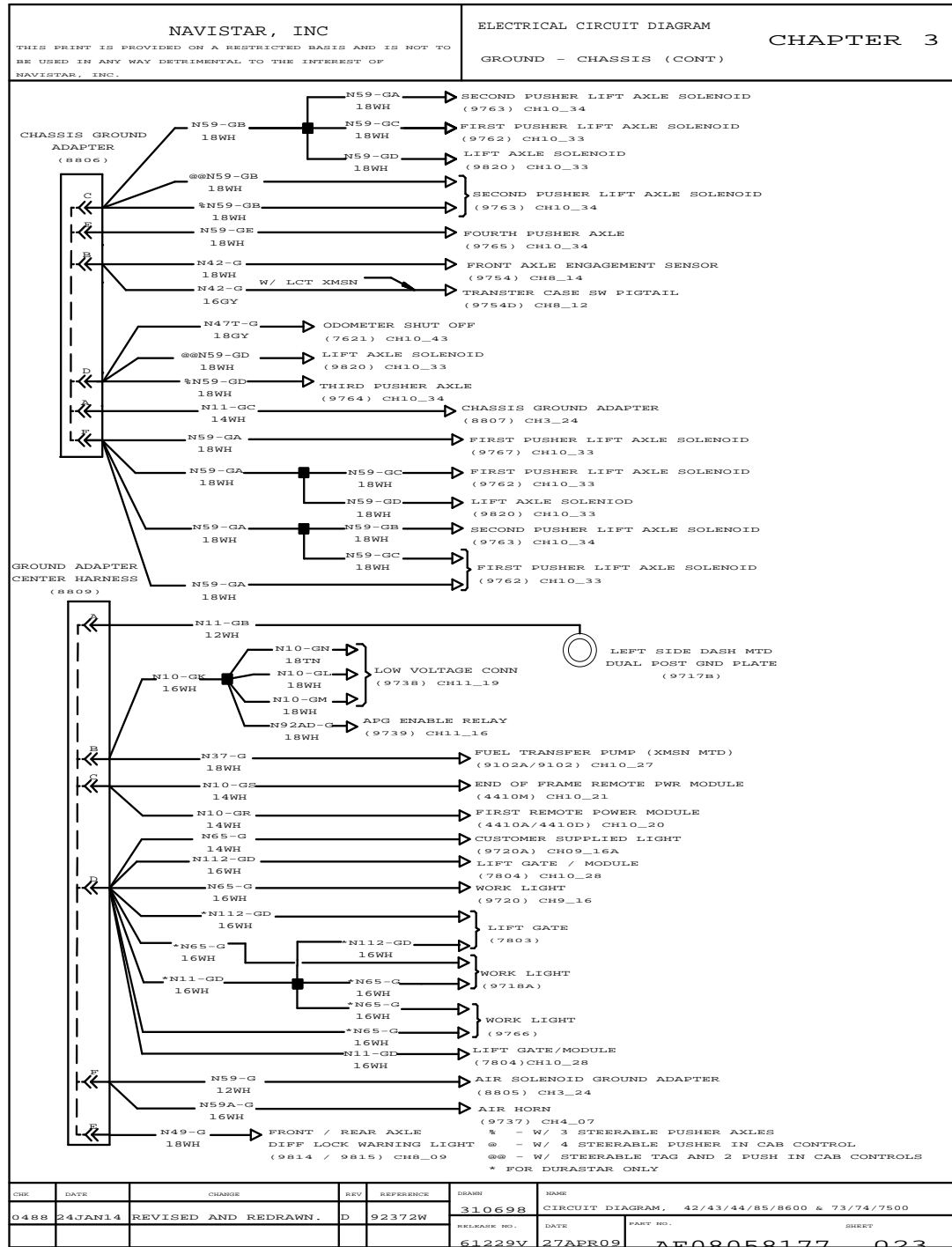


Figure 51 Ground – Chassis (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.40. GROUND – CHASSIS (CONT.), P. 24

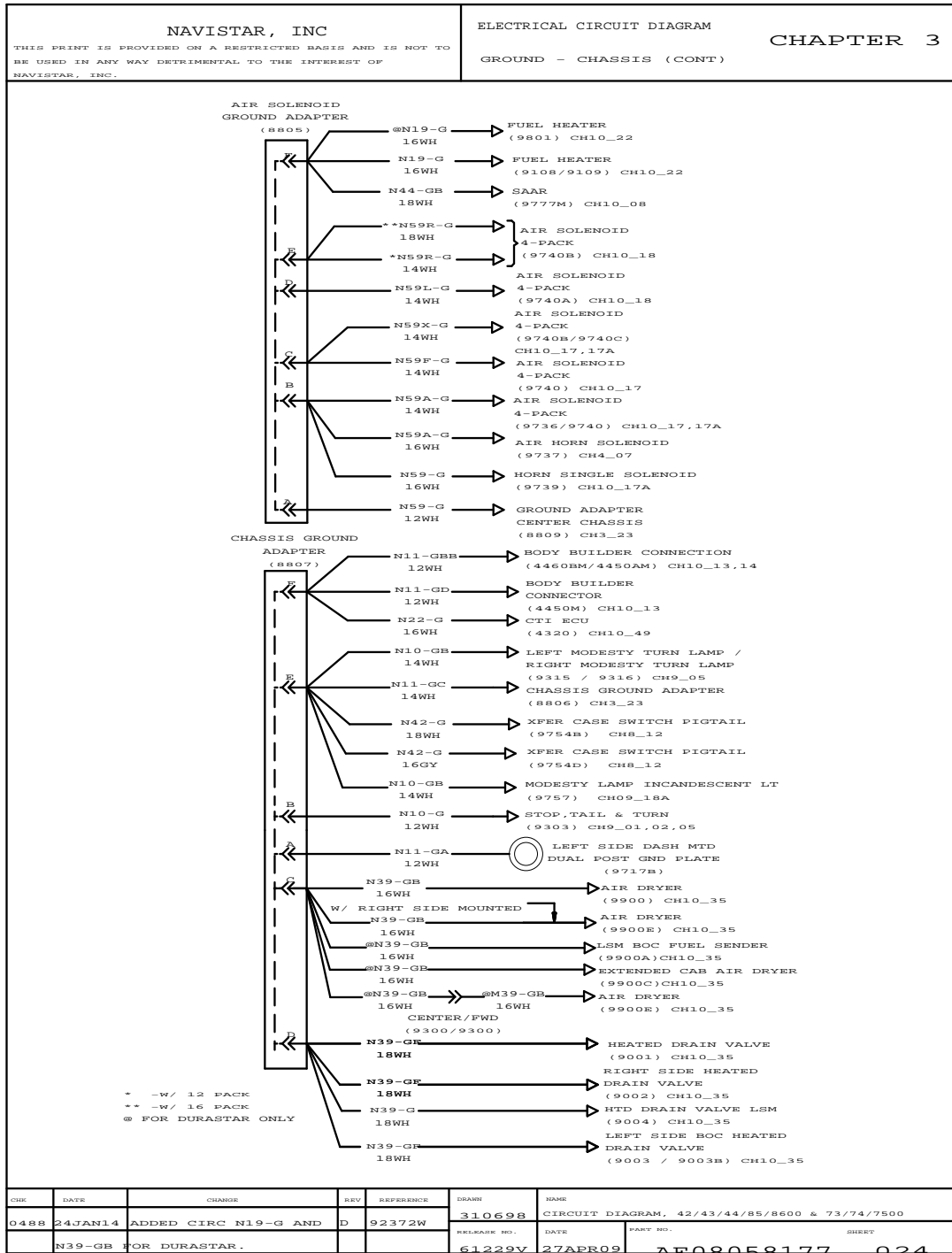


Figure 52 Ground – Chassis (Cont.)

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

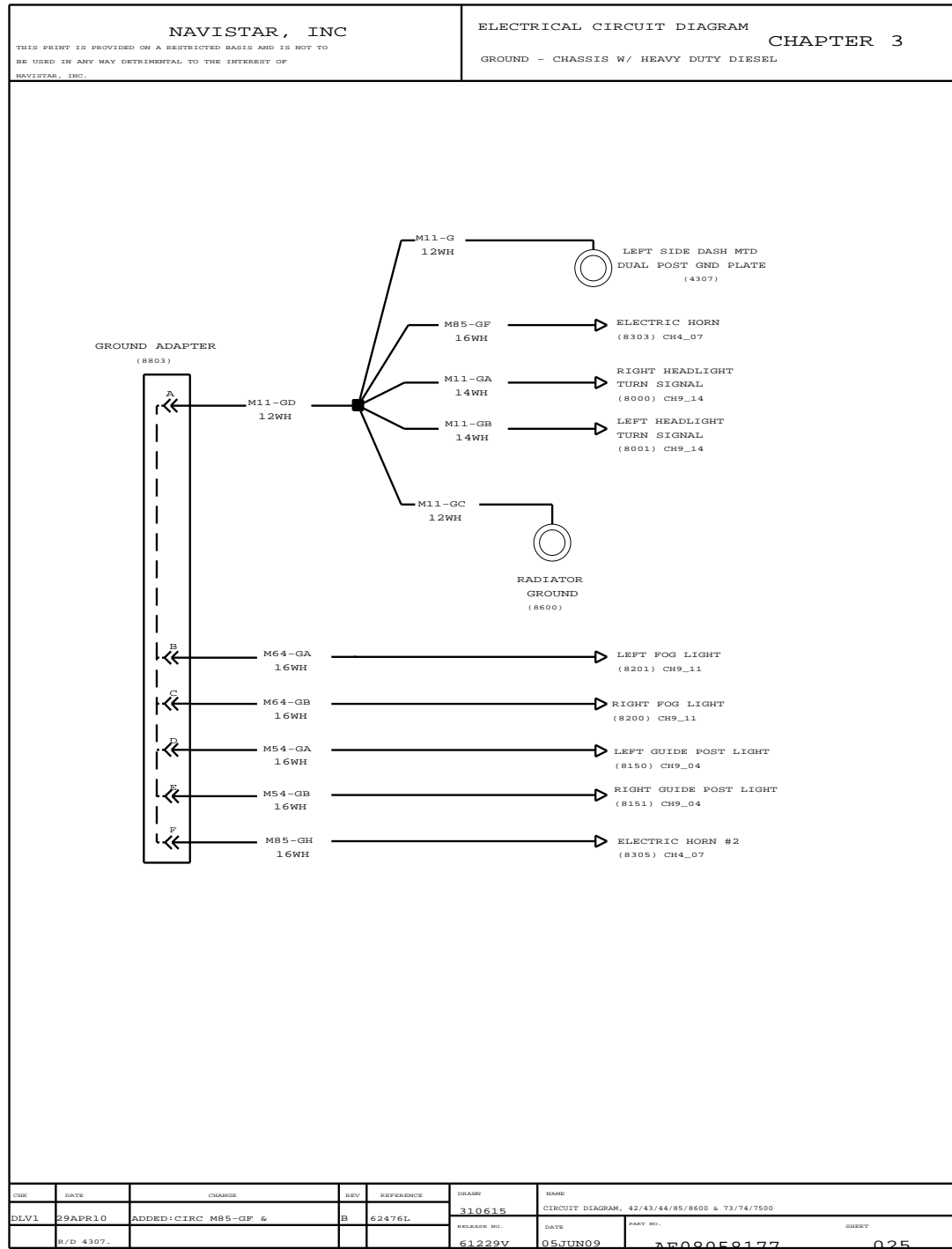


Figure 53 Ground – Chassis with Heavy Duty Diesel

3.43. ENGINE GROUND – IBB ENGINE, P. 27

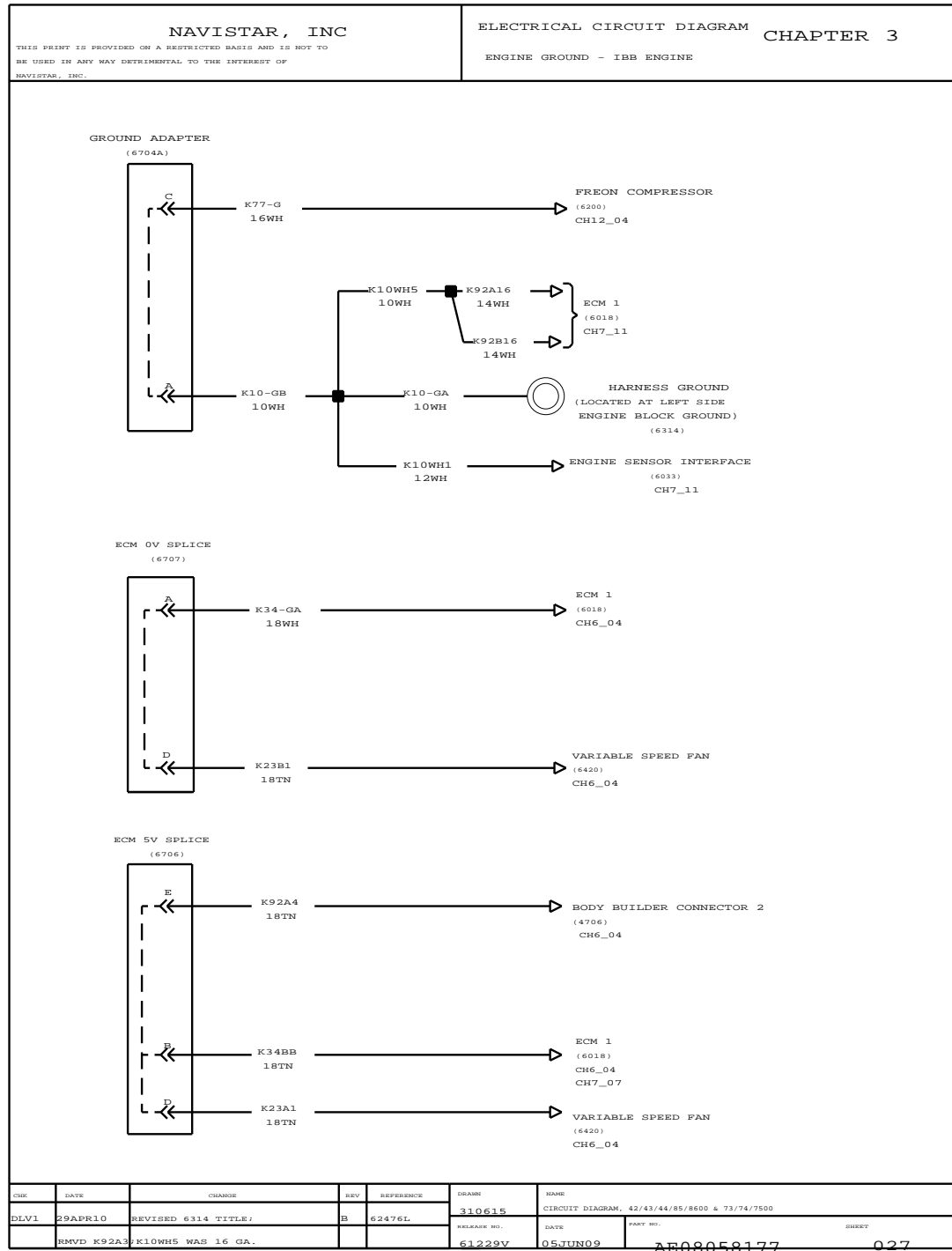


Figure 55 Engine Ground – IBB Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

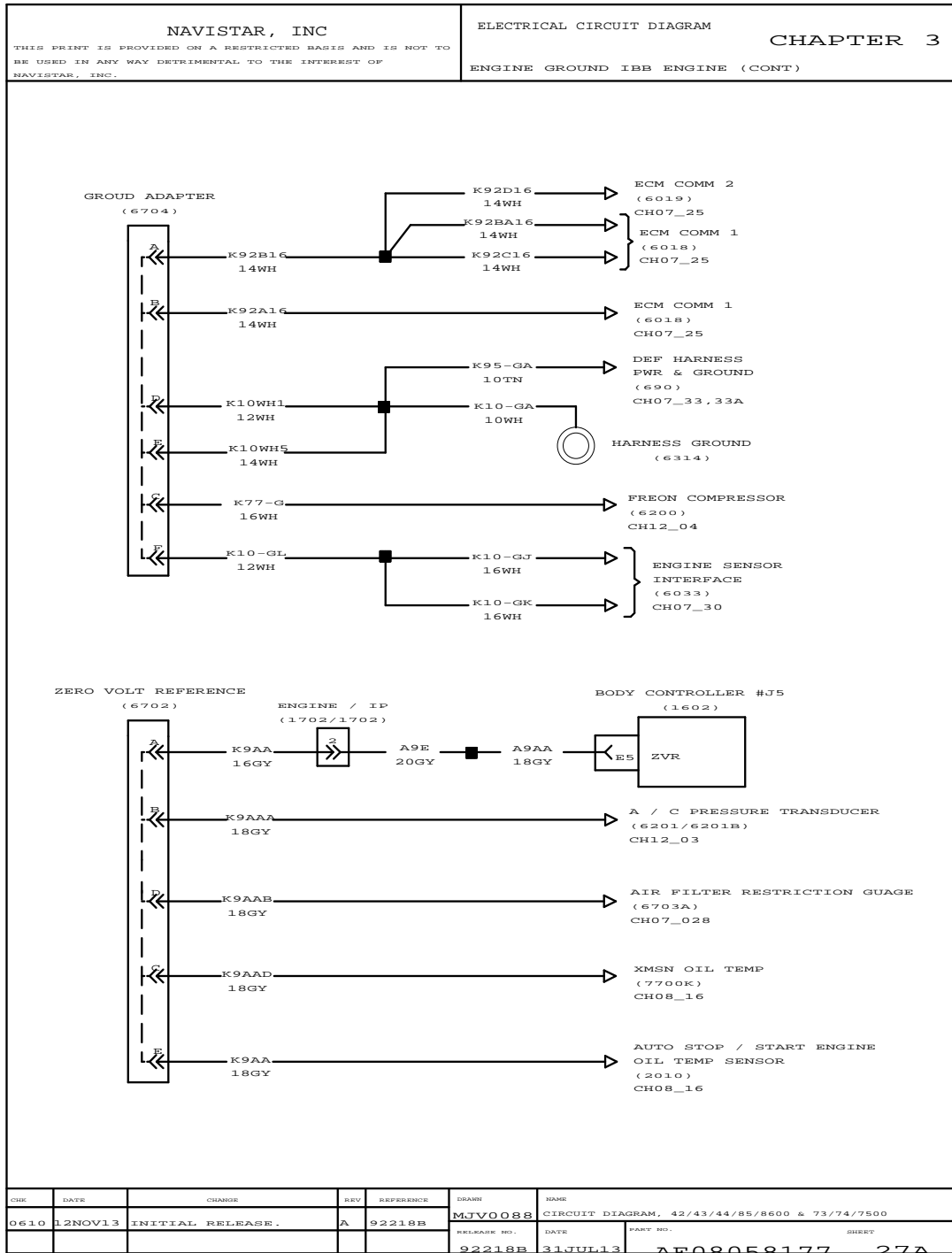


Figure 56 Engine Ground – IBB Engine (Cont.)

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

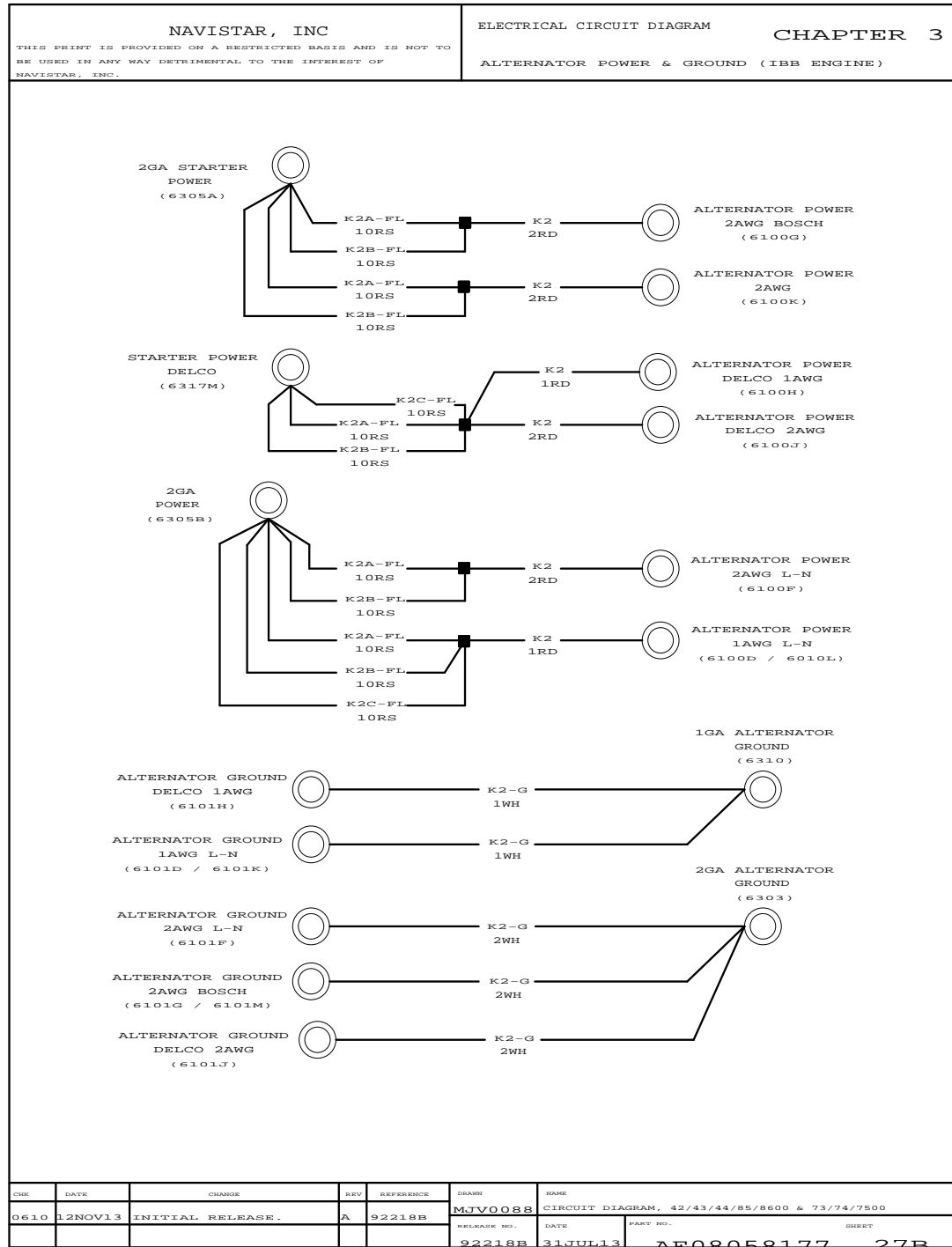


Figure 57 Alternator Power and Ground (IBB Engine)

3.47. ZERO VOLT REFERENCE, P. 28

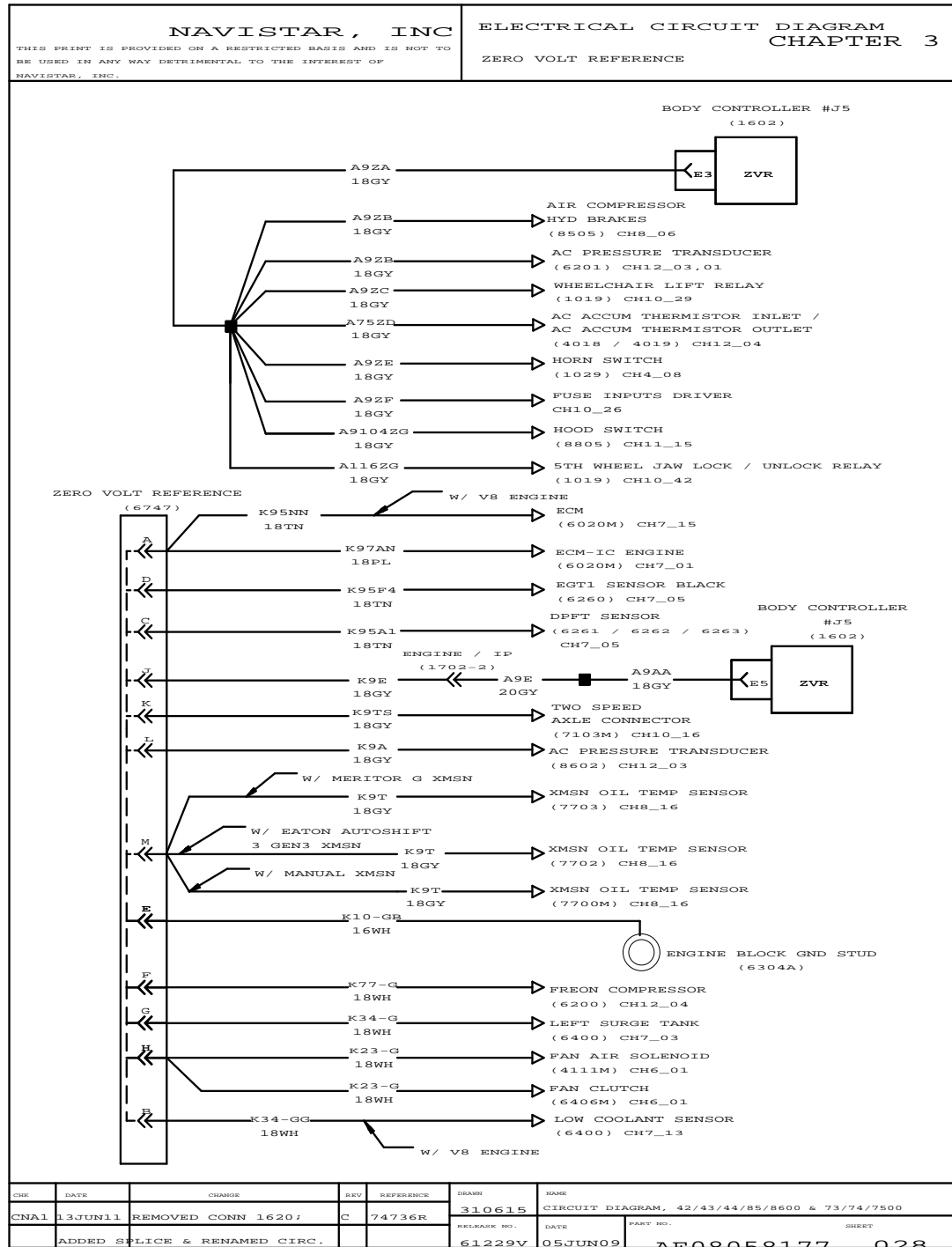


Figure 59 Zero Volt Reference

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

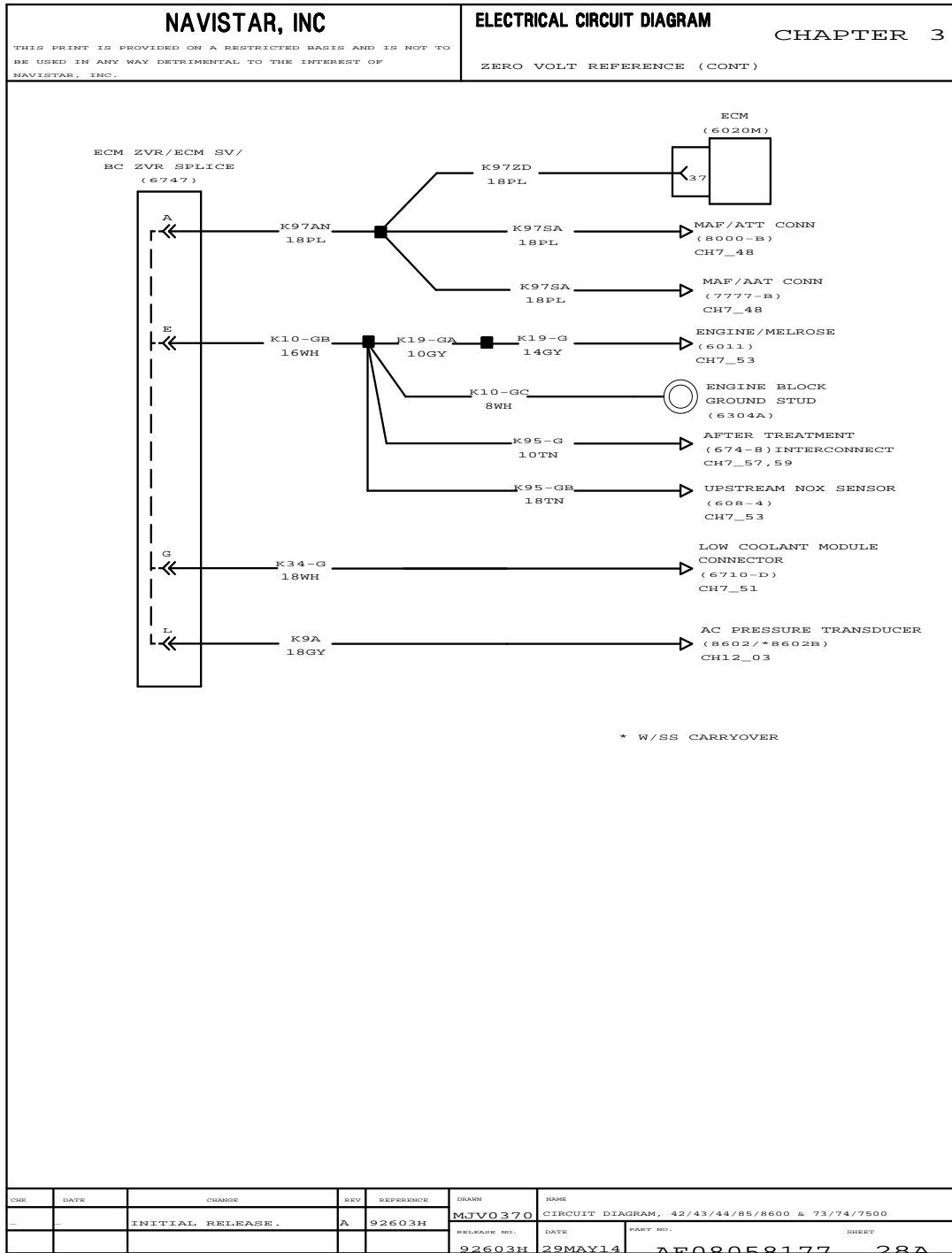


Figure 60 Zero Volt Reference (Cont.)

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

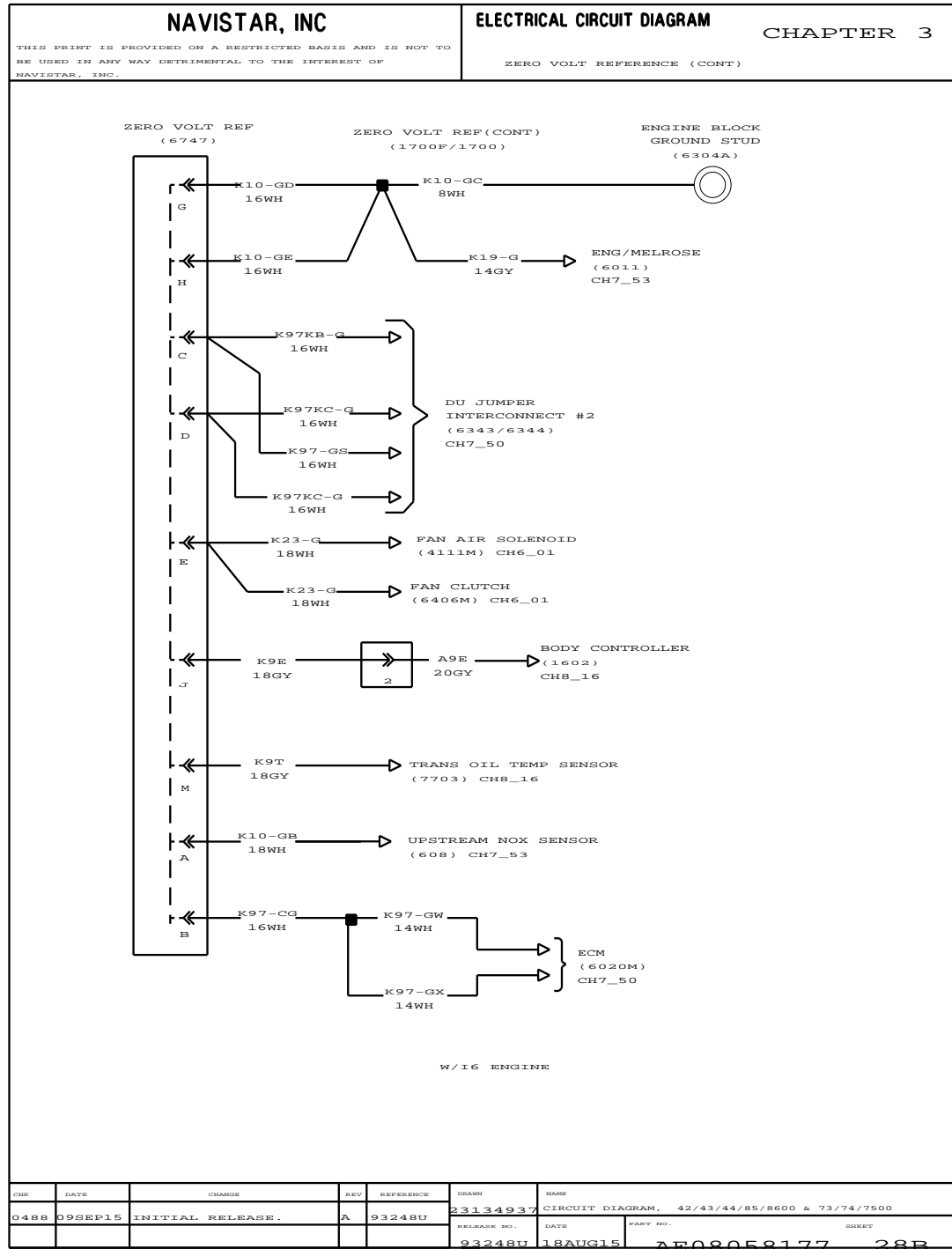


Figure 61 Zero Volt Reference (Cont.)

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

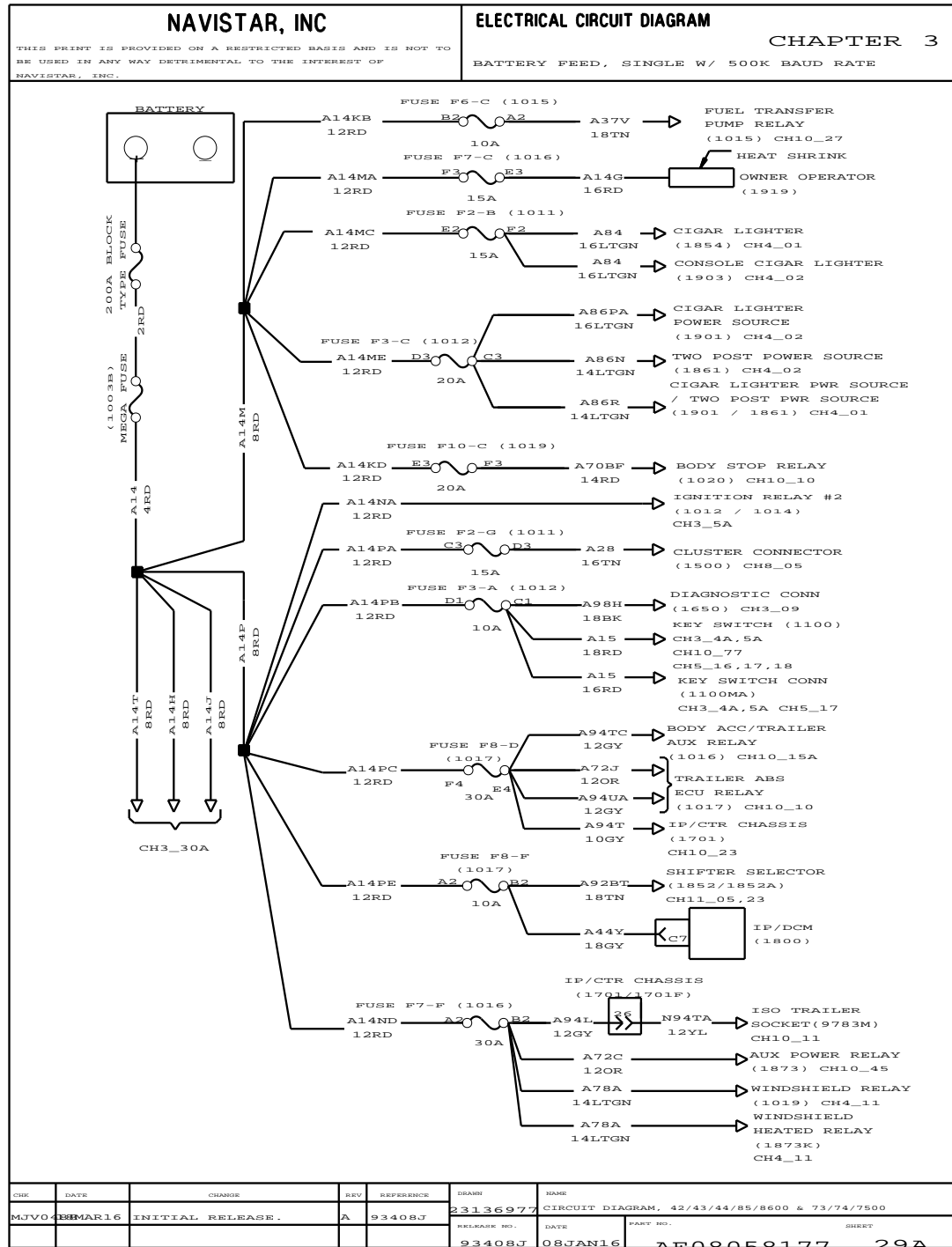


Figure 63 Battery Feed, Single with 500K Baud Rate

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 11

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J1939 W/ CUMMINS ISB ENG

The diagram illustrates the electrical connections for a J1939 network with a Cummins ISB engine. It shows the following components and their connections:

- CUMMINS ECM (6000)**:
 - Terminal 22 connects to K5B(+) 20YL.
 - Terminal 46 connects to K5B(-) 20GN.
- ALLISON TCM (7751)**:
 - Terminal 6 connects to K5#106 18YL.
 - Terminal 27 connects to K5#127 18GN.
- TCM (7500)**:
 - Terminal 6 connects to *K5#106 18YL.
 - Terminal 27 connects to *K5#127 18GN.
- ENGINE/IP (1702/1702)**:
 - Terminal 11 connects to K5A(+) 18YL.
 - Terminal 17 connects to K5A(-) 18GN.
- J1939 ADAPTER (1026)**:
 - Terminal M connects to ASR(+) 18YL.
 - Terminal A connects to ASR(-) 18GN.
- J1939 (7801B)**:
 - Terminal A connects to K5D(+) 18YL.
 - Terminal C connects to K5D(-) 18GN.

Wiring Details:

- A central vertical line represents the J1939 network bus.
- From the Cummins ECM, K5B(+) 20YL and K5B(-) 20GN connect to the bus.
- From the Allison TCM, K5#106 18YL and K5#127 18GN connect to the bus.
- From the TCM, *K5#106 18YL and *K5#127 18GN connect to the bus.
- From the Engine/IP, K5A(+) 18YL and K5A(-) 18GN connect to the bus.
- From the J1939 Adapter, ASR(+) 18YL and ASR(-) 18GN connect to the bus.
- From the J1939 (7801B), K5D(+) 18YL and K5D(-) 18GN connect to the bus.

* W/ ALLISON 3000 XMSN

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	DATE	PART NO.	SHEET
-	-	INITIAL RELEASE.	A	93248U	23134937	CIRCUIT DIAGRAM, 42/43/44/85/ 8600 & 73/74/7500			
					RELEASE NO.	DATE			
					93248U	17AUG15		AF08058177	31A

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

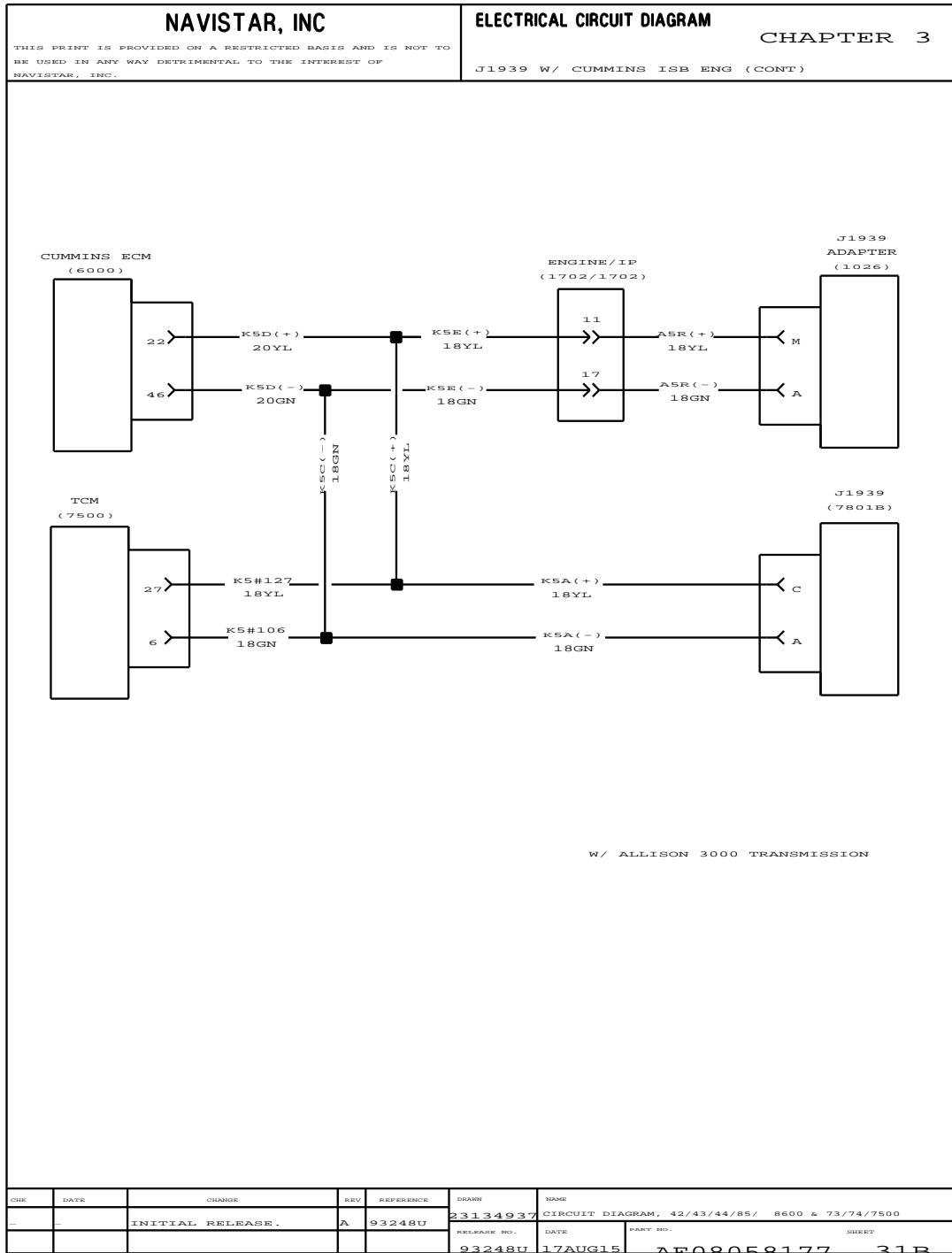


Figure 68 J1939 with Cummins ISB Engine (Cont.)

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

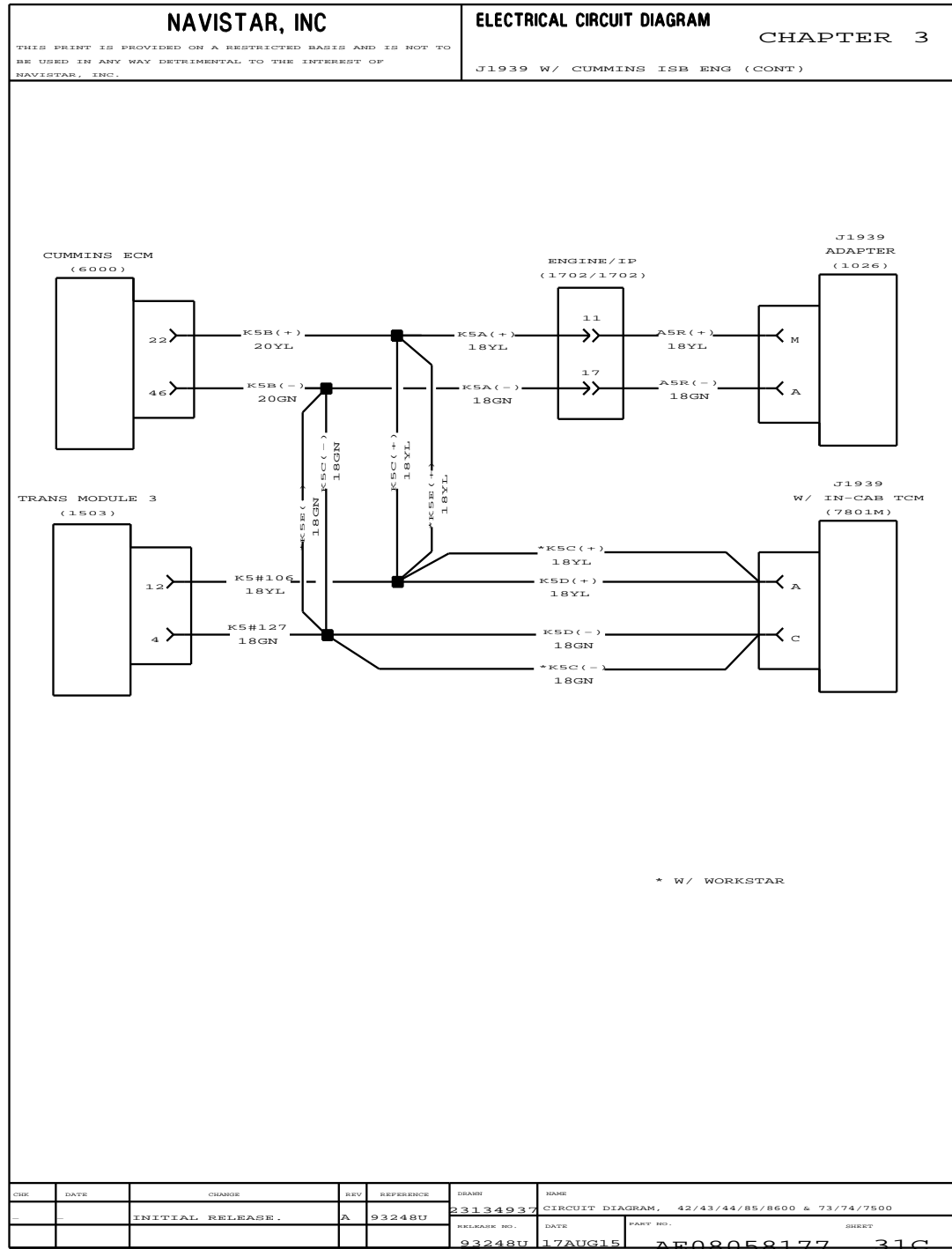


Figure 69 J1939 with Cummins ISB Engine (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

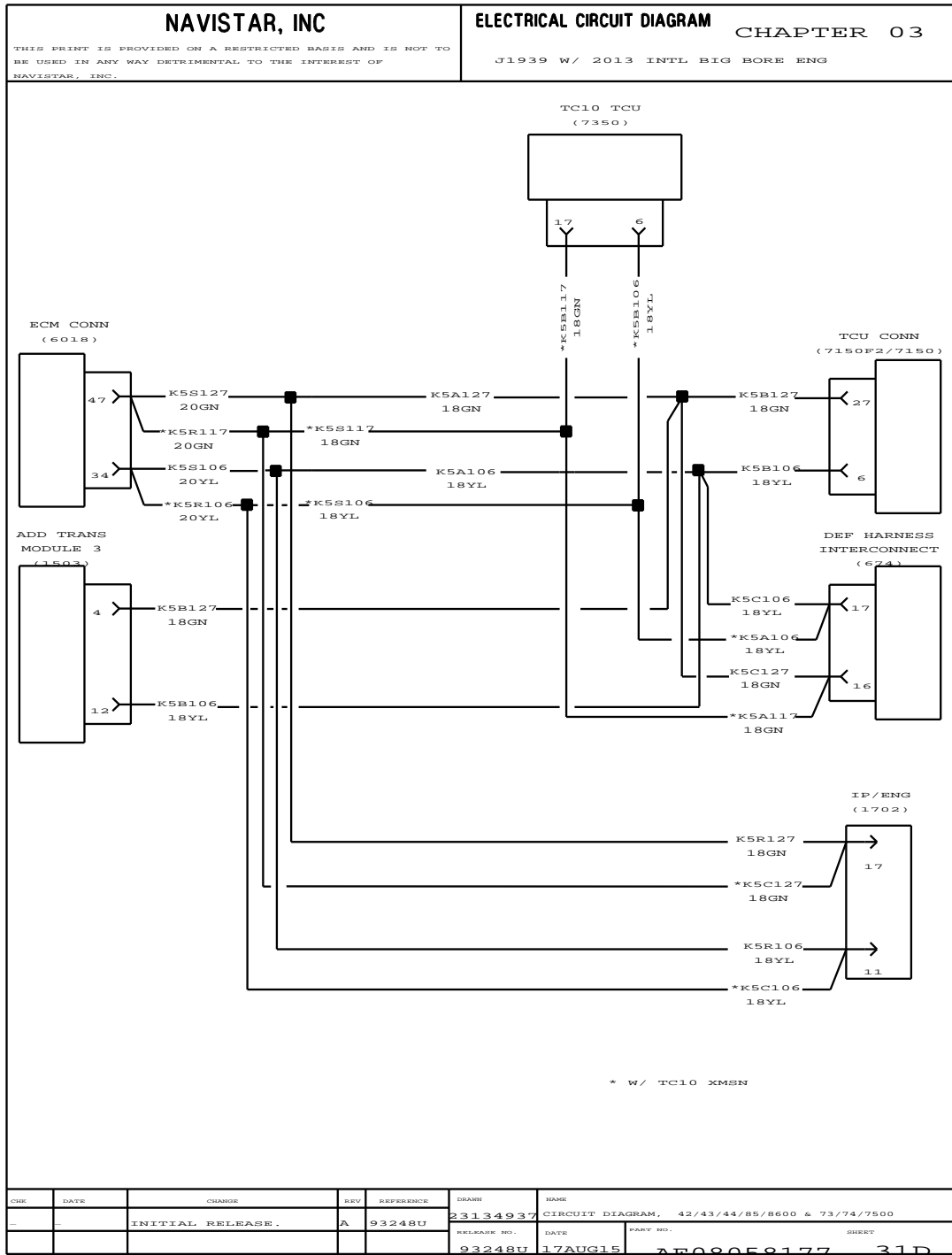


Figure 70 J1939 with 2013 International Big Bore Engine

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

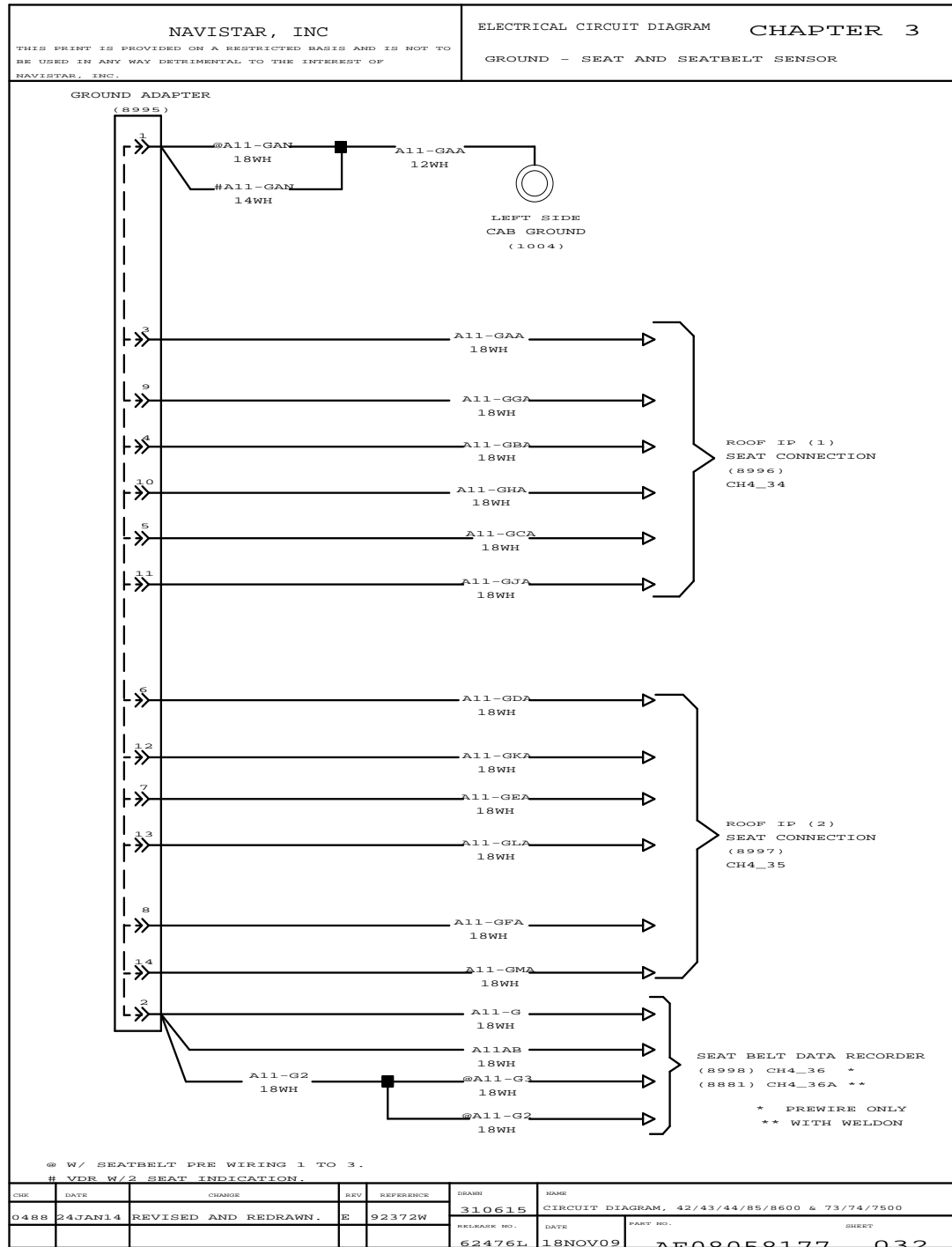


Figure 71 Ground – Seat and Seatbelt Sensor

3.61. J1939 DATA LINK I6 ENGINE, P. 34

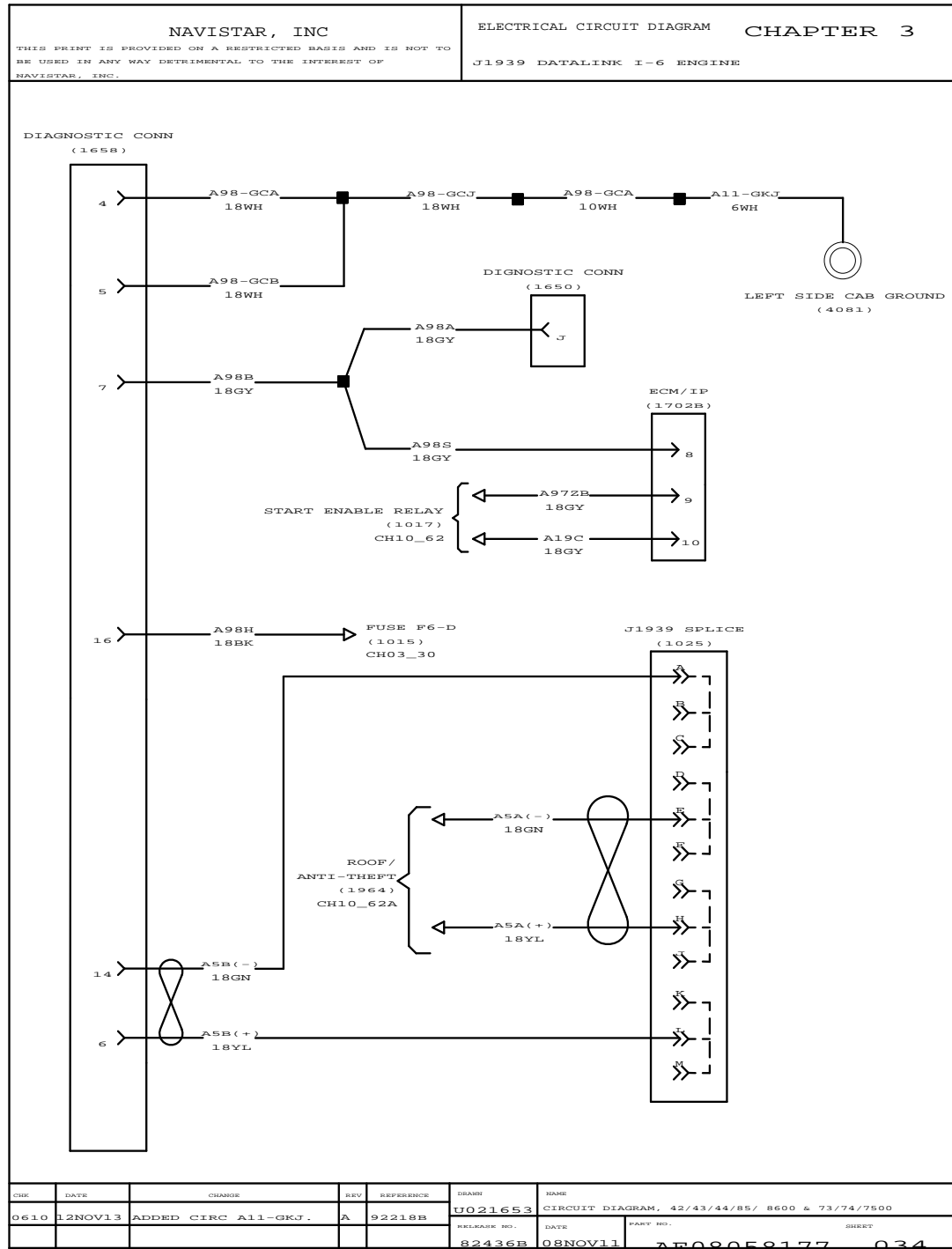


Figure 73 J1939 Data Link I6 Engine

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

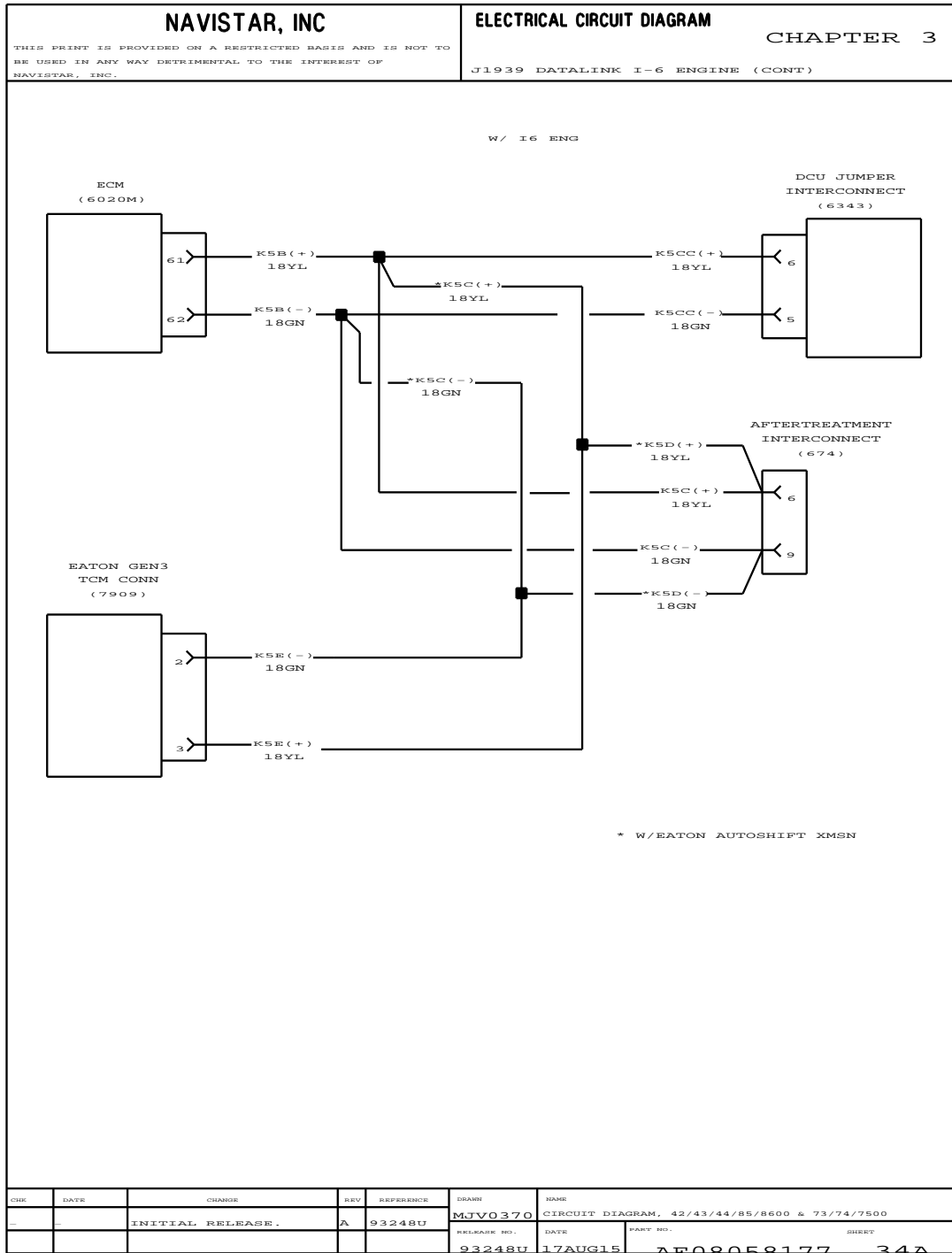


Figure 74 J1939 Data Link I6 Engine (Cont.)

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

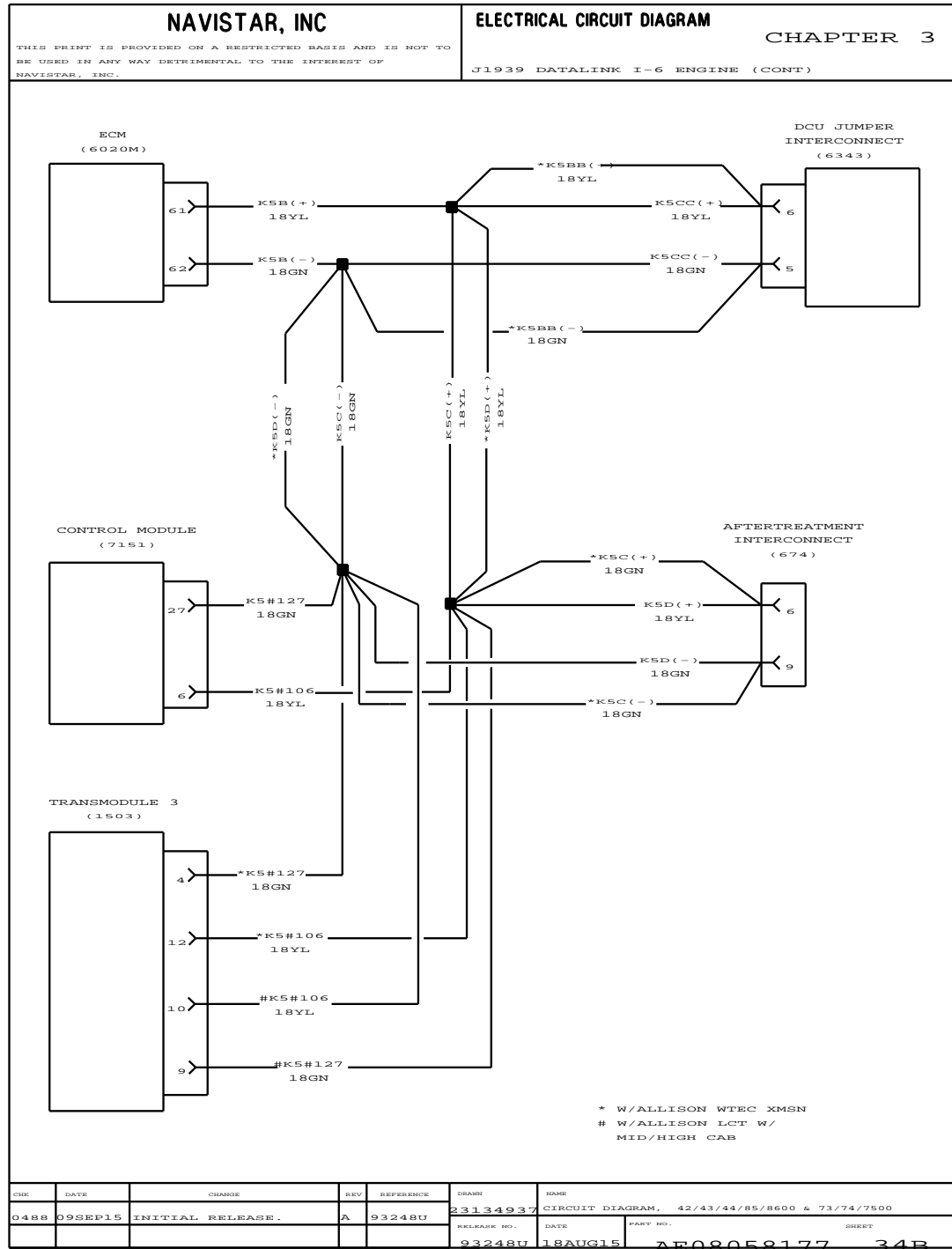


Figure 75 J1939 Data Link I6 Engine (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.64. ENGINE GROUND I6 ENGINE, P. 35

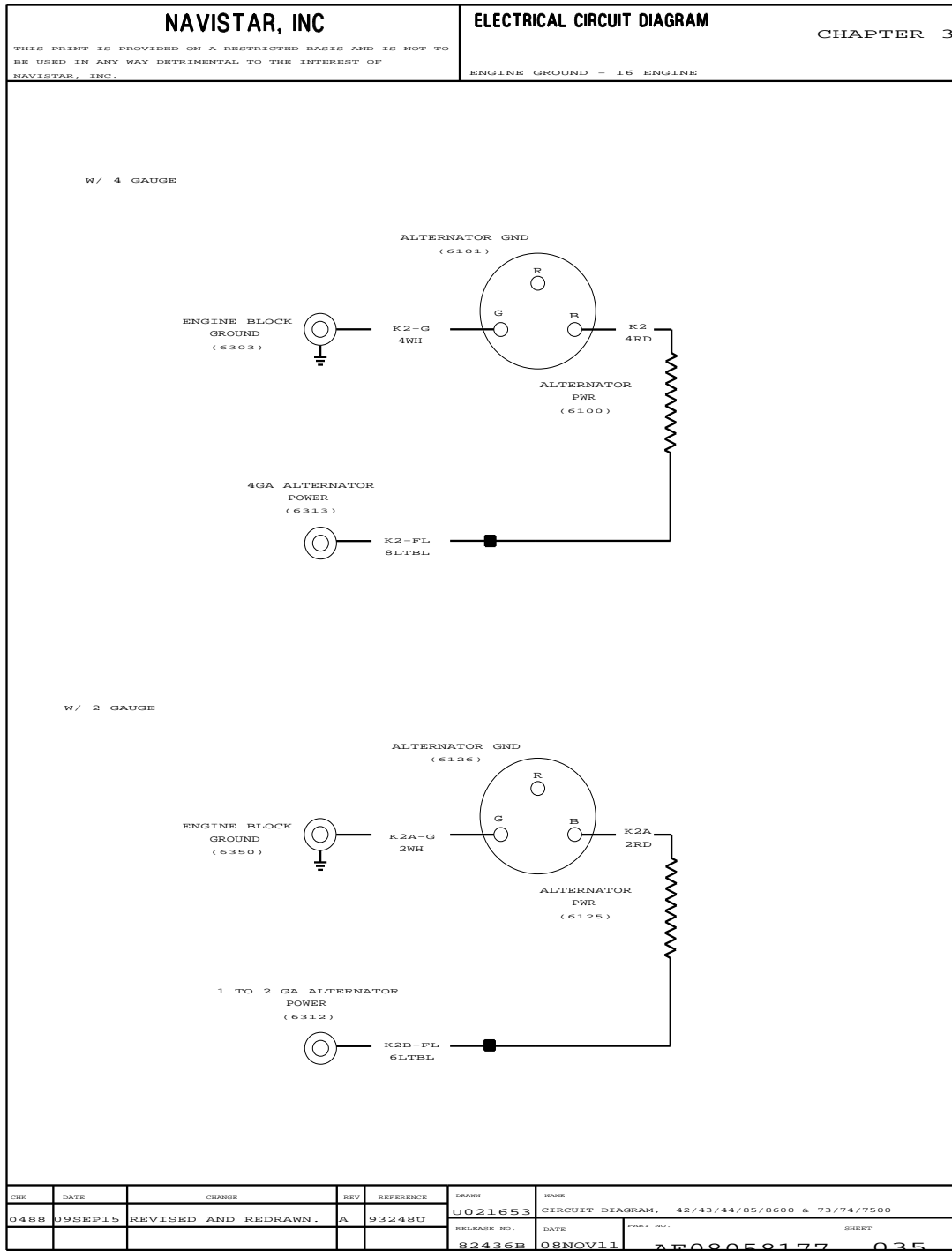


Figure 76 Engine Ground I6 Engine

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

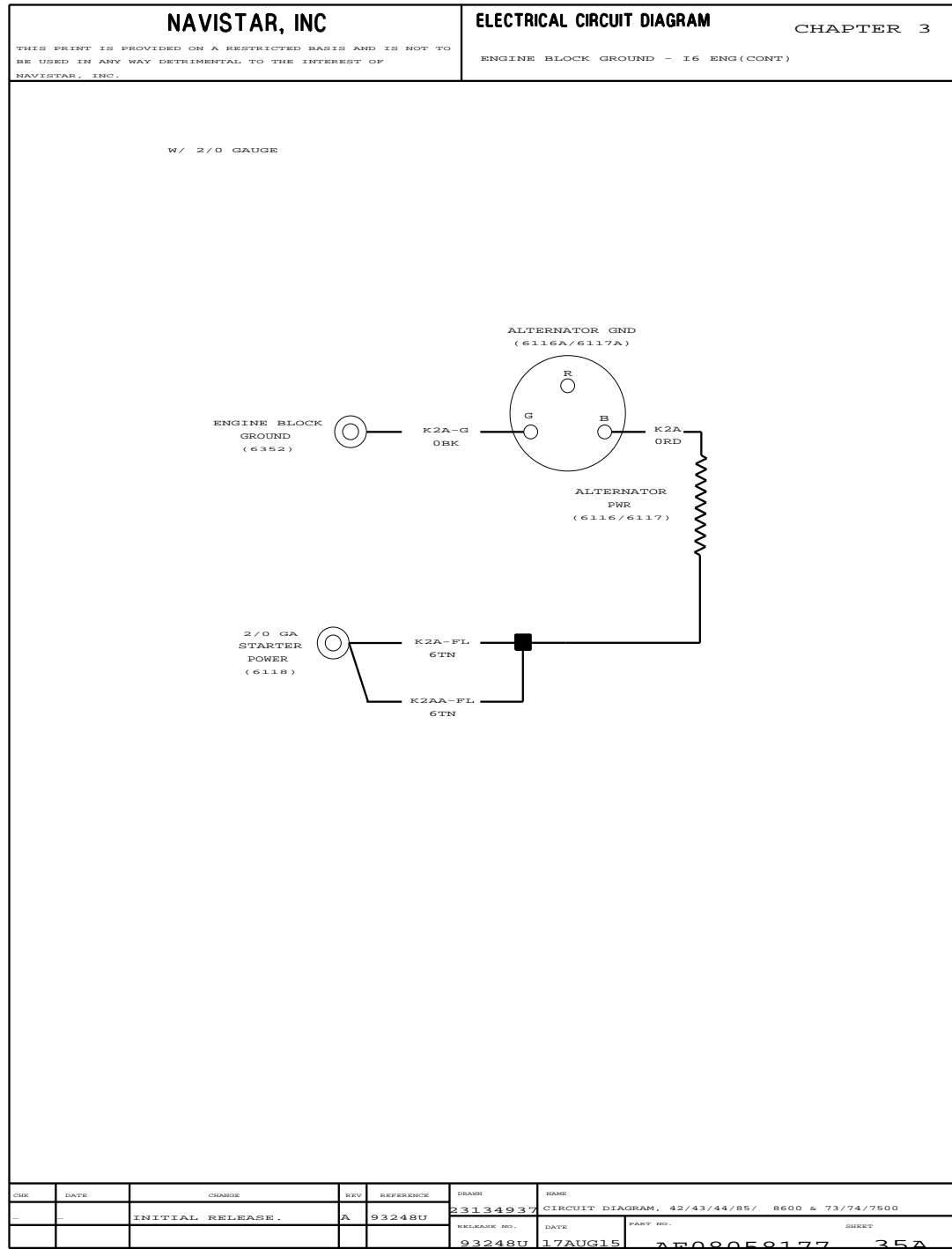


Figure 77 Engine Block Ground I6 Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.66. J1939 DATA LINK WITH UTILITY BODY CONNECTIONS, P. 36

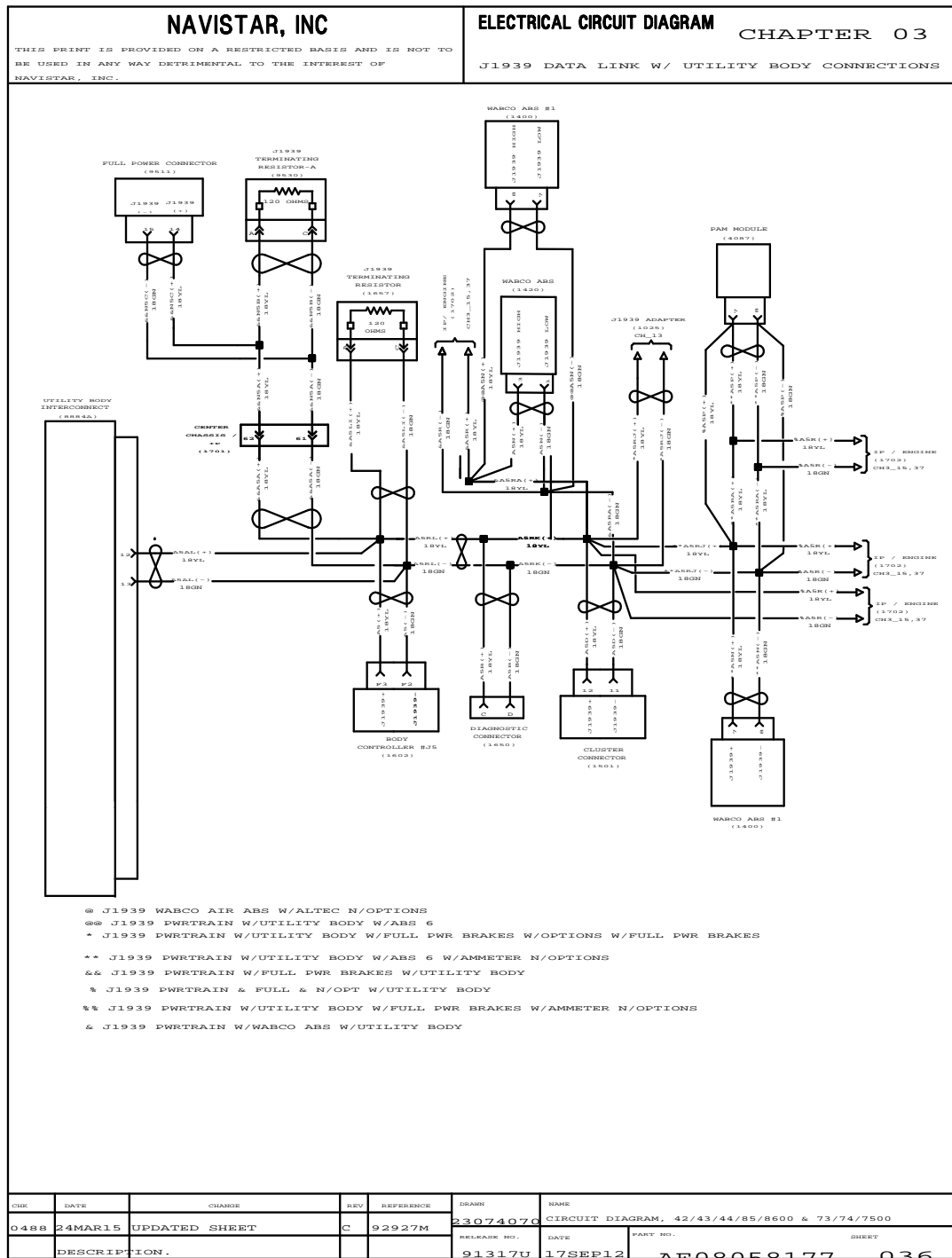


Figure 78 J1939 Data Link with Utility Body Connections

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

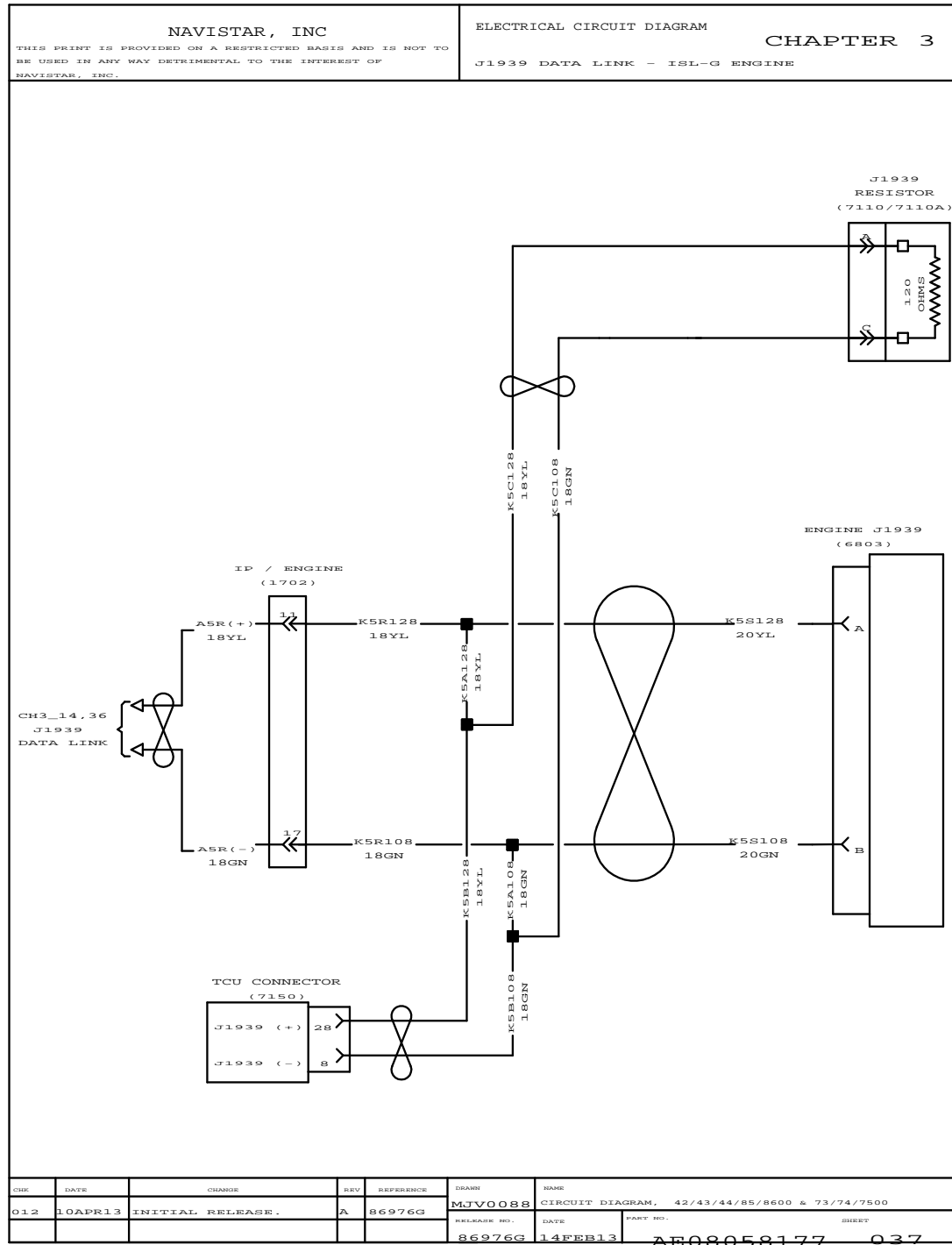


Figure 79 J1939 Data Link – ISL–G Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

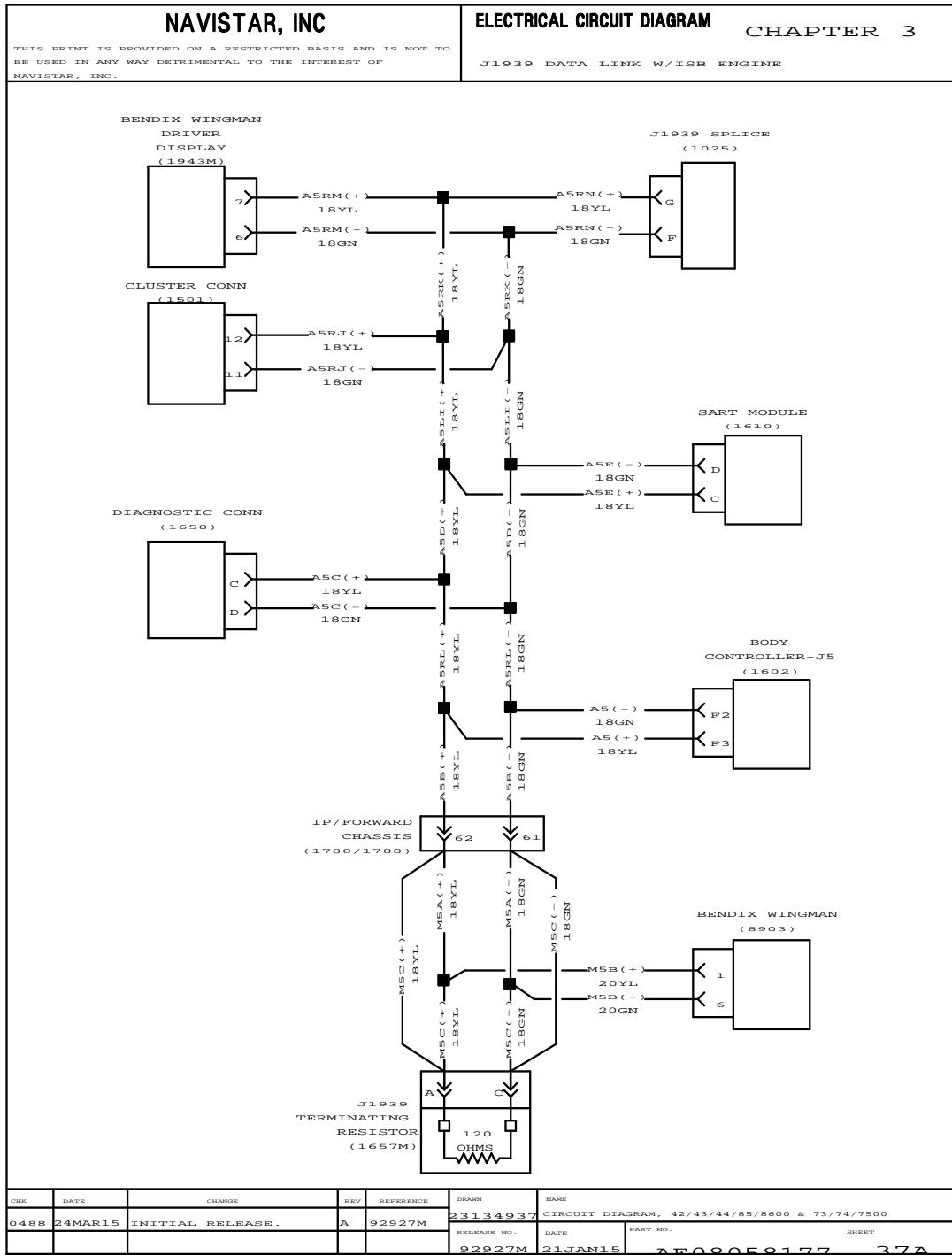


Figure 80 J1939 Data Link with ISB Engine

3.69. TRAILER SOCKET GROUND, P. 38

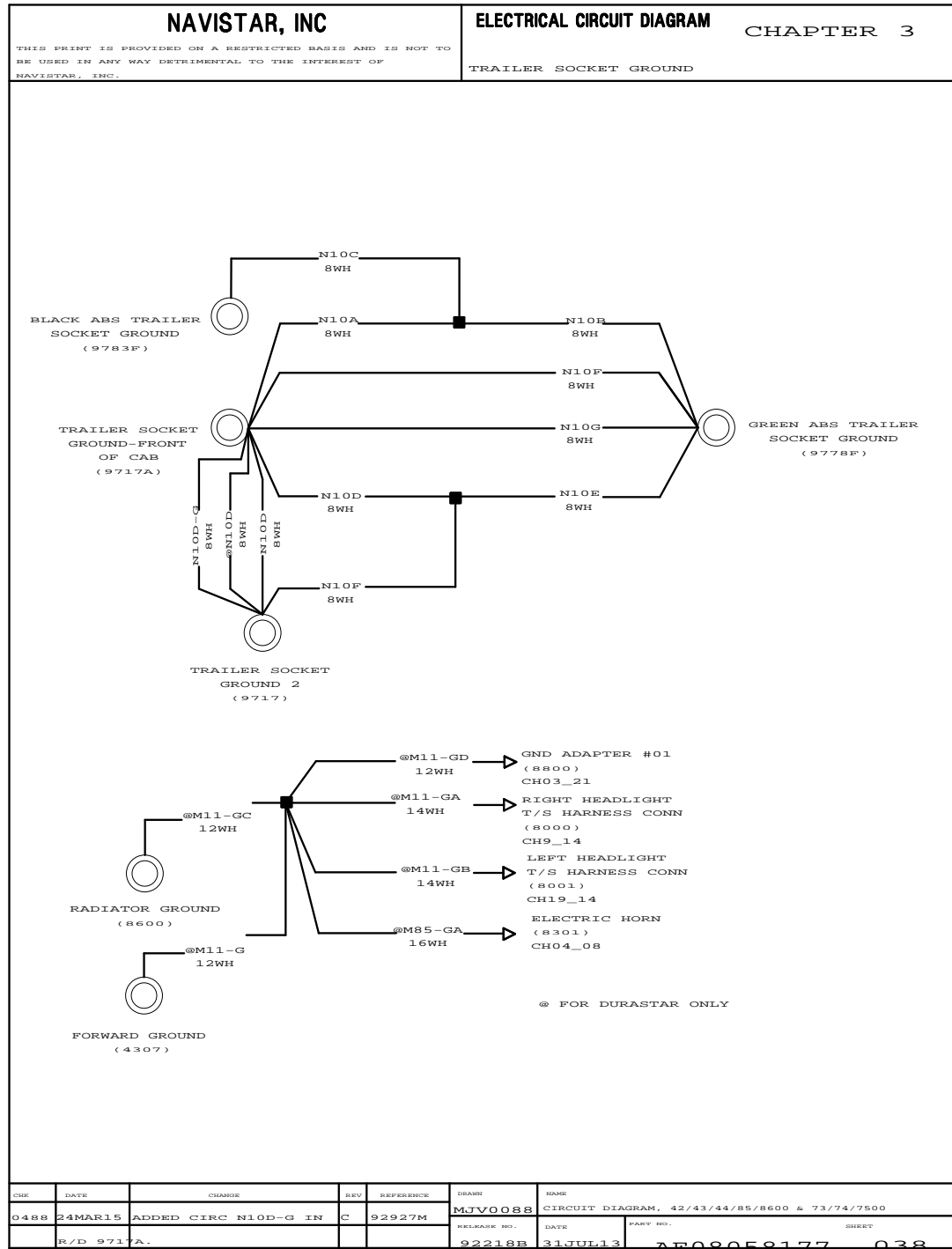


Figure 81 Trailer Socket Ground

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

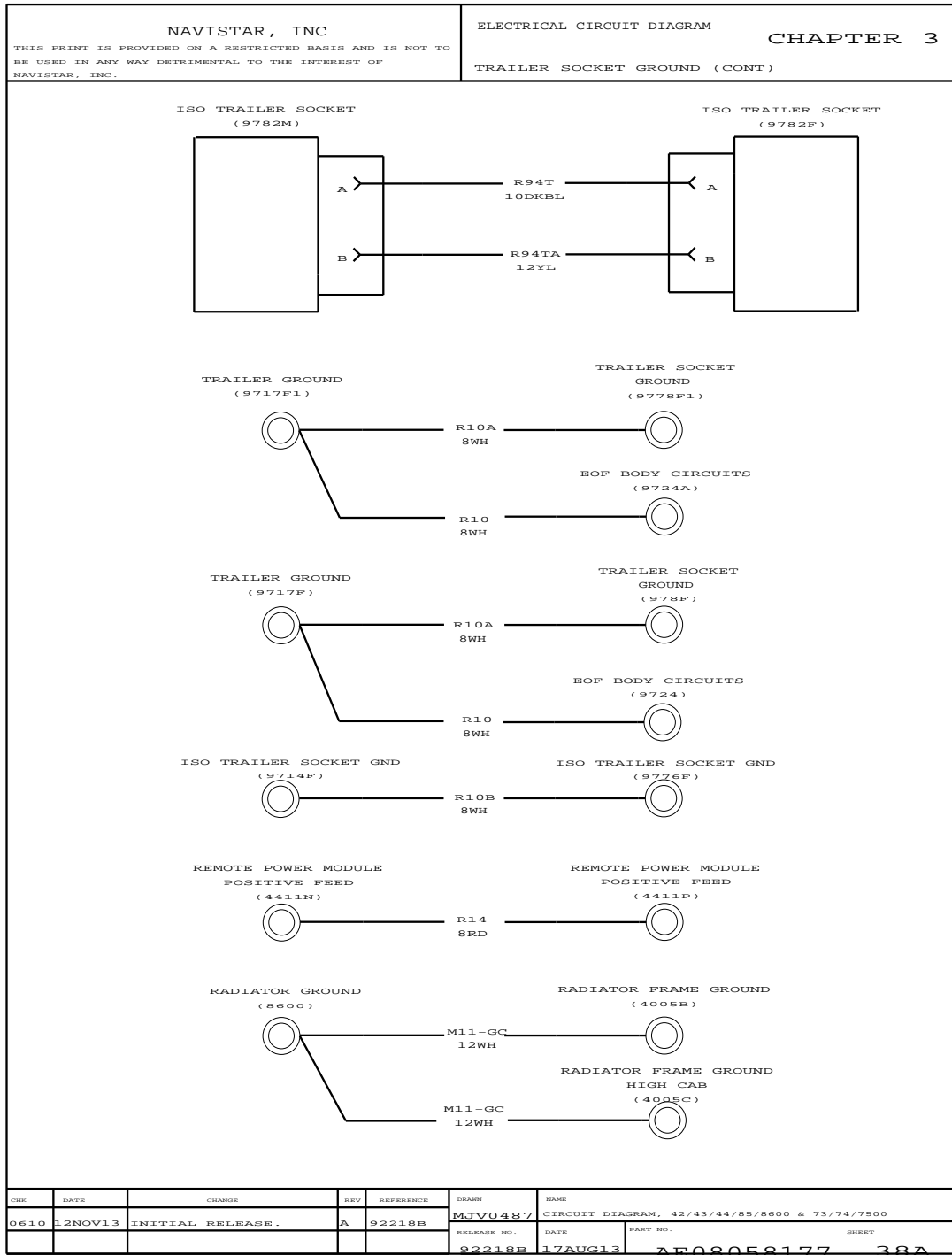


Figure 82 Trailer Socket Ground (Cont.)

3.71. SART CLOCK MODULE, P. 39

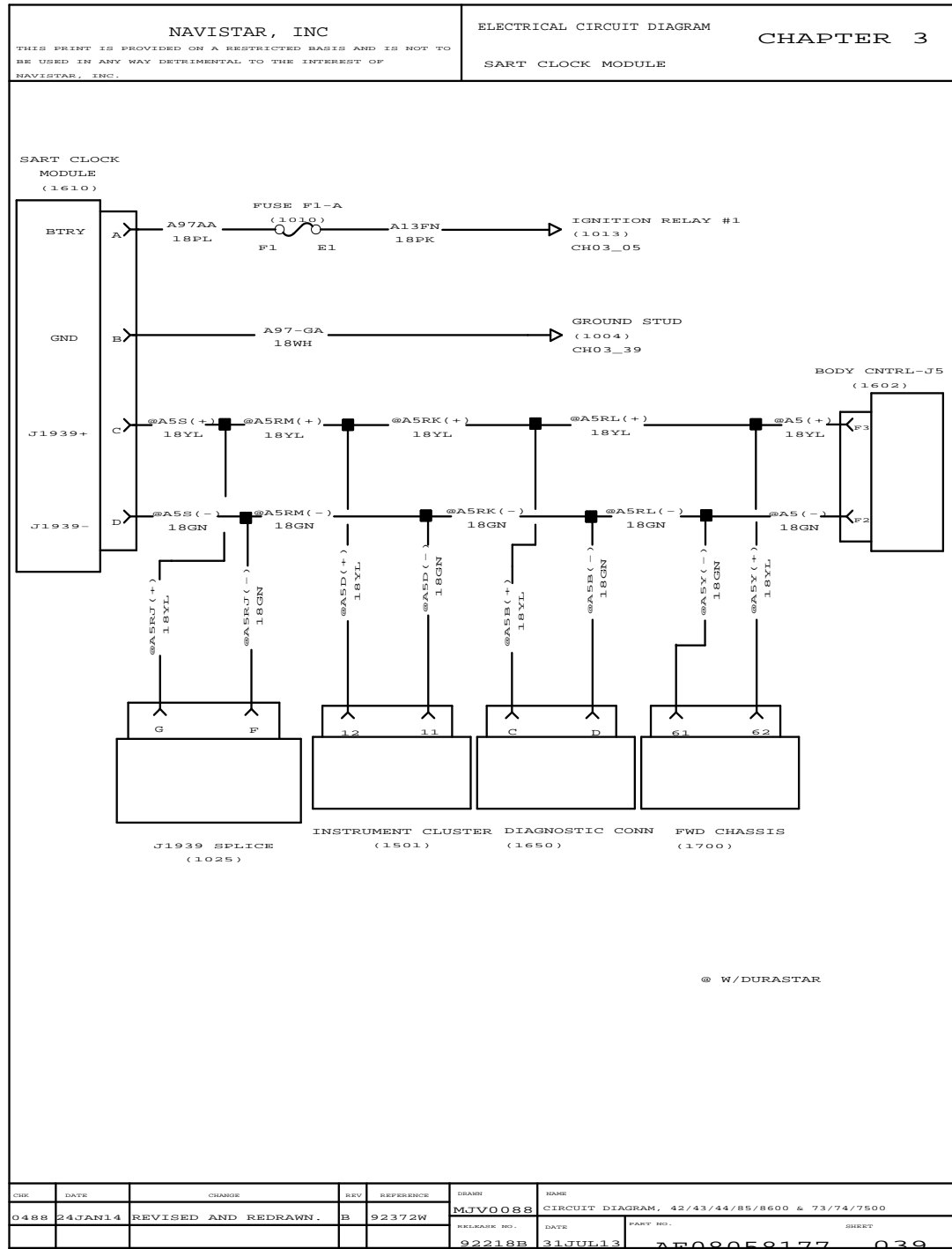


Figure 83 SART Clock Module

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.72. 250K J1939 CAB DATA LINK WITH 500K REGULATORY UPDATE, P. 40

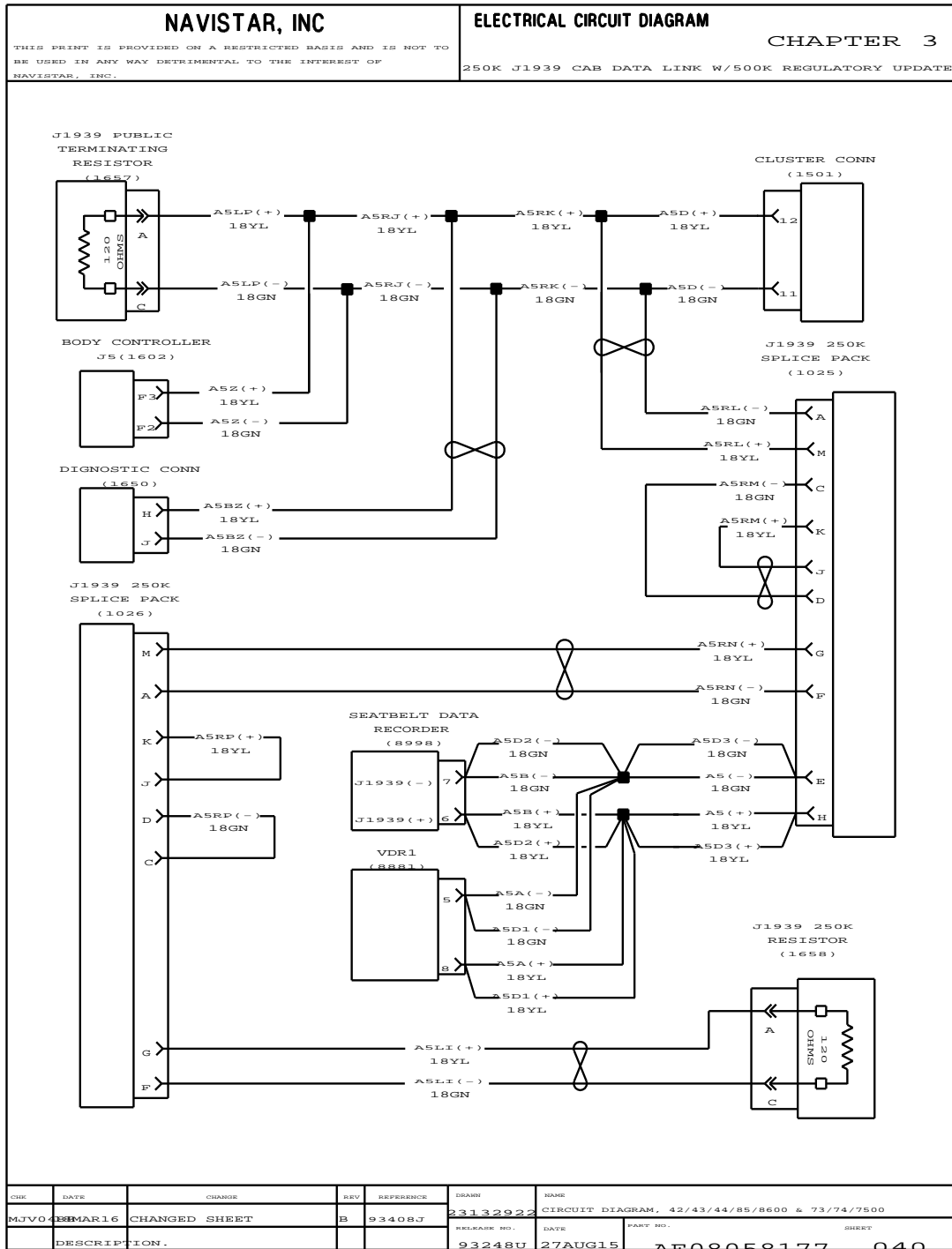


Figure 84 250K J1939 Cab Data Link with 500K Regulatory Update

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.73. 250K J1939 CAB DATA LINK WITH 500K REGULATORY UPDATE (CONT.), P. 40A

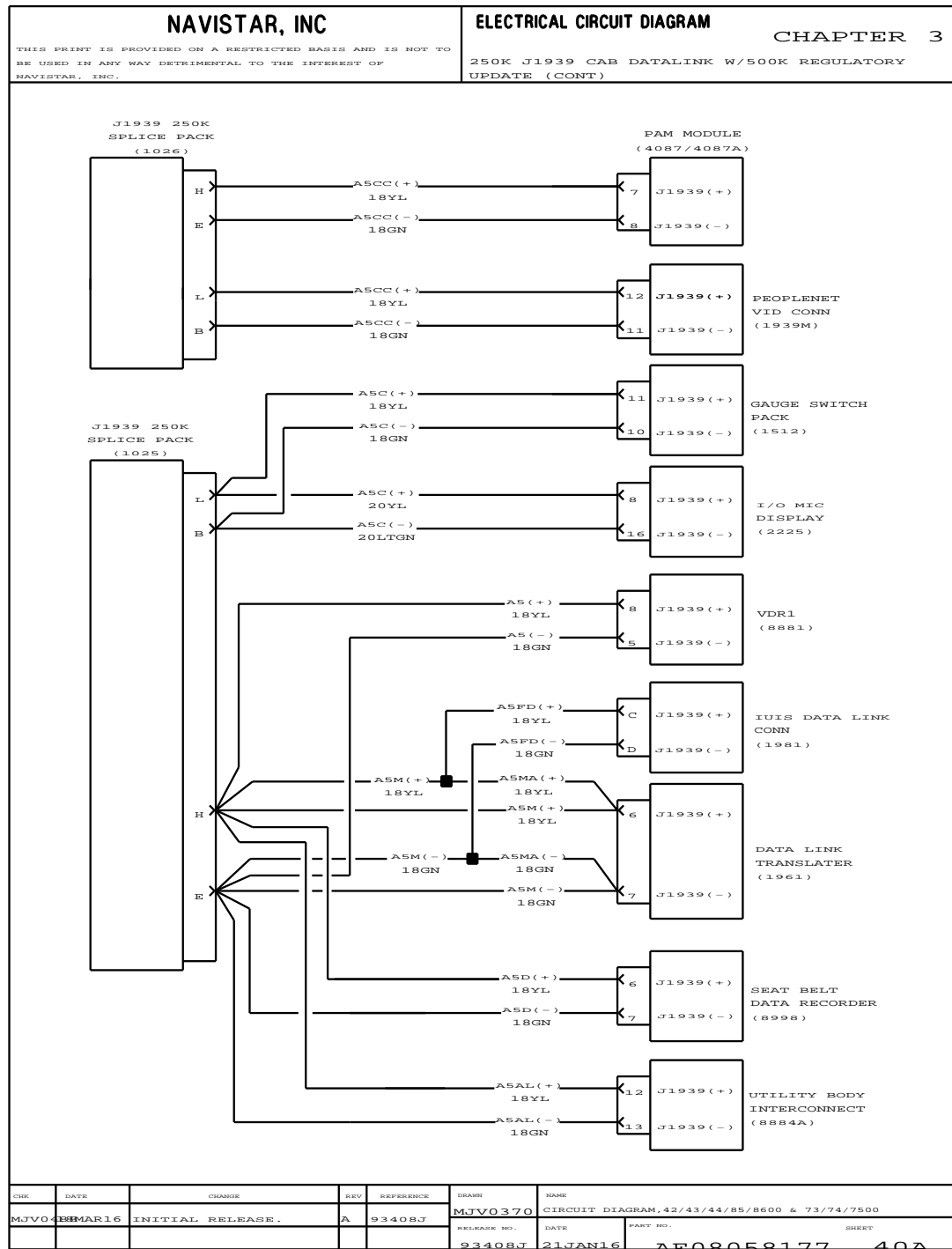


Figure 85 250K J1939 Cab Data Link with 500K Regulatory Update (Cont.)

3.75. J1939 DATA LINK WITH ALLISON TRANSMISSION WITH 500K BAUD RATE, P. 42

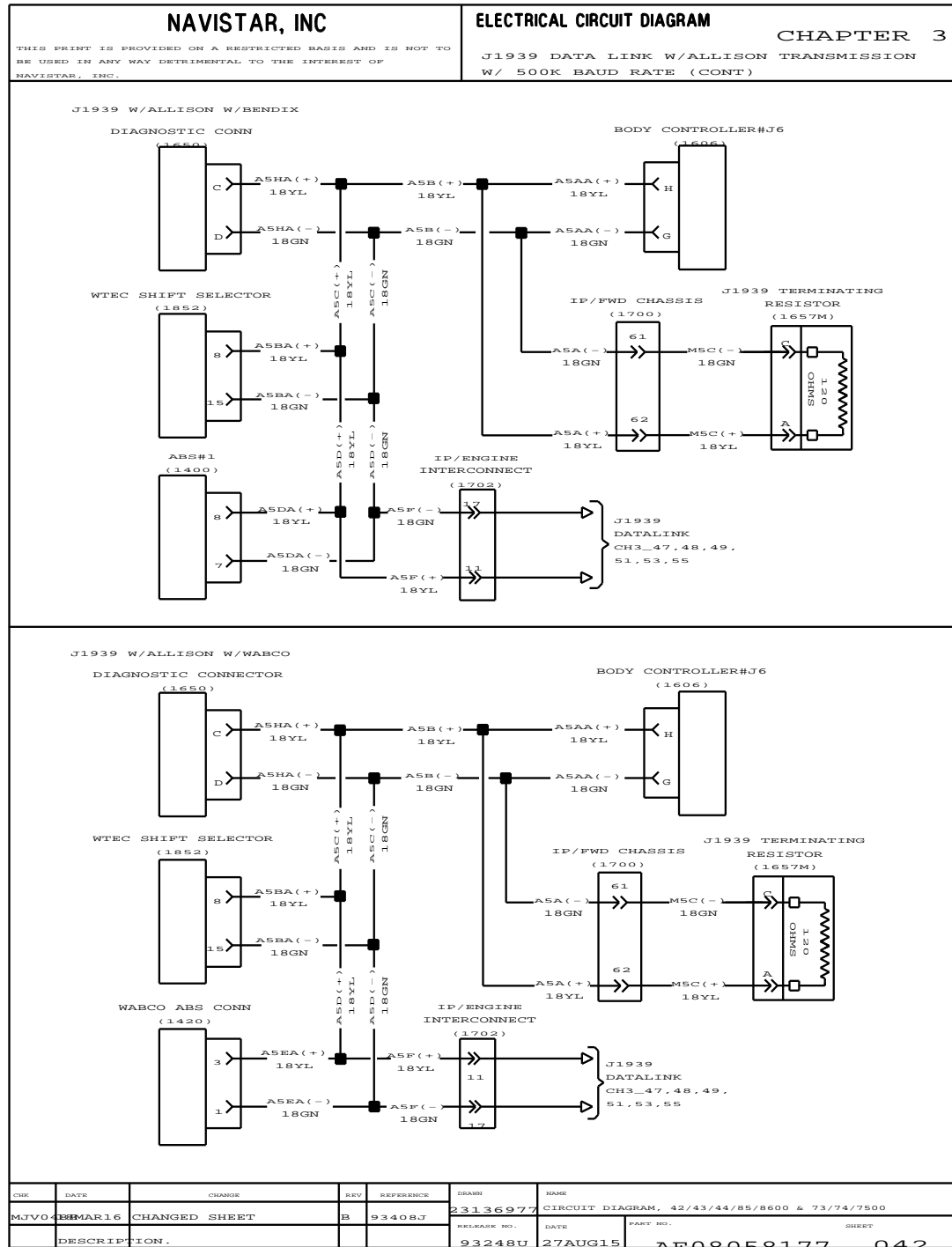


Figure 87 J1939 Data Link with Allison Transmission with 500K Baud Rate

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

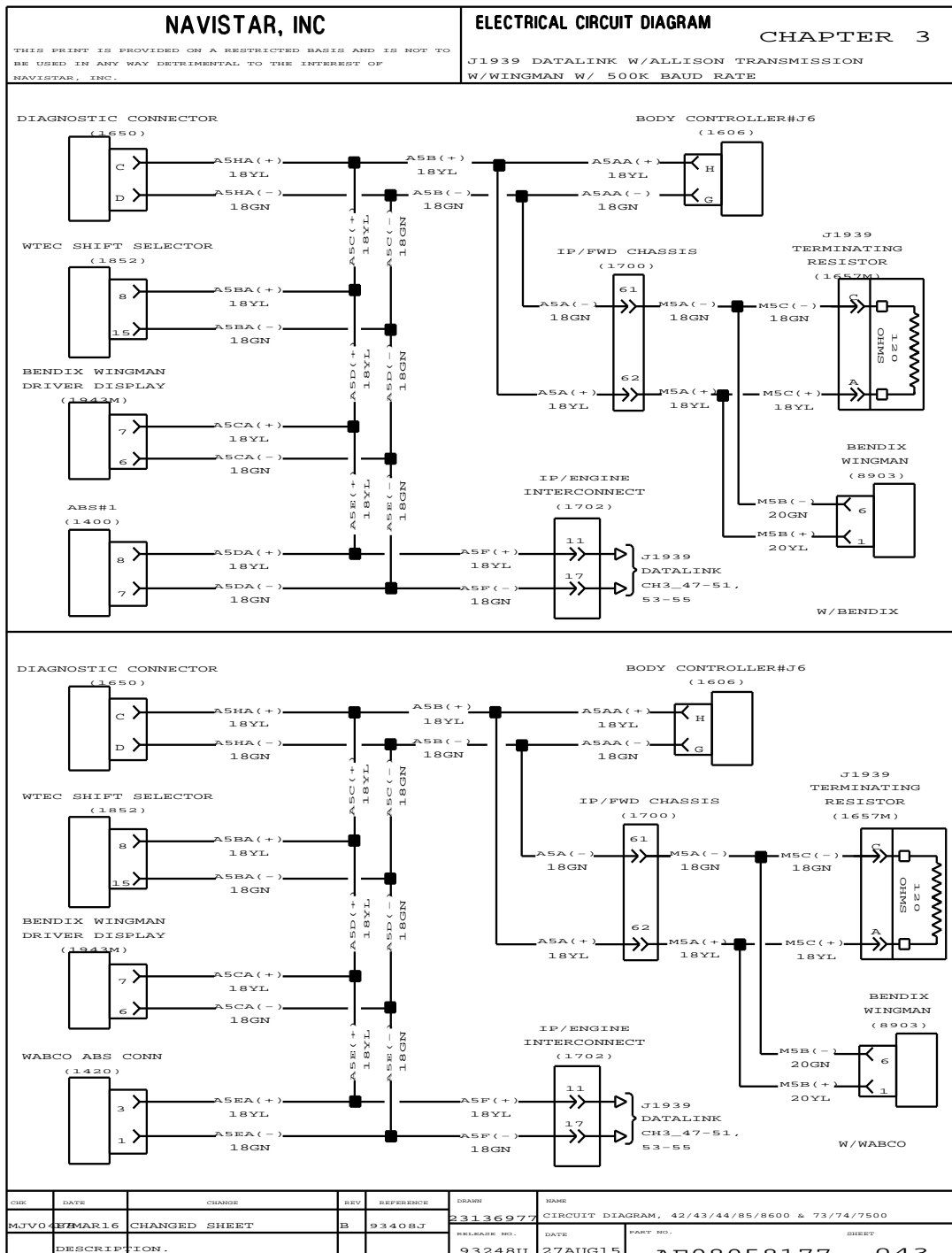


Figure 88 J1939 Data Link with Allison Transmission with Wingman with 500K Baud Rate

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

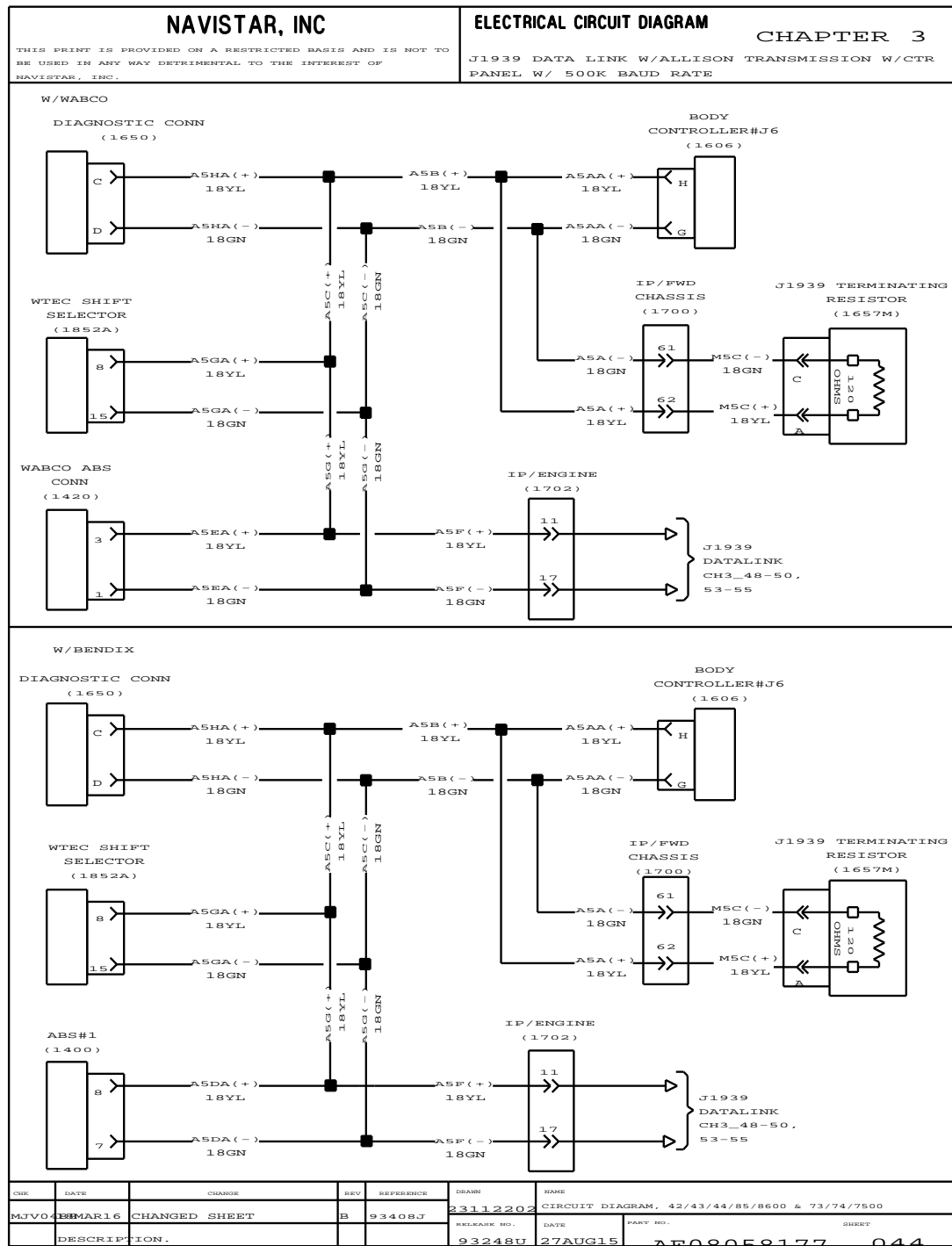


Figure 89 J1939 Data Link with Allison Transmission with Center Panel with 500K Baud Rate

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

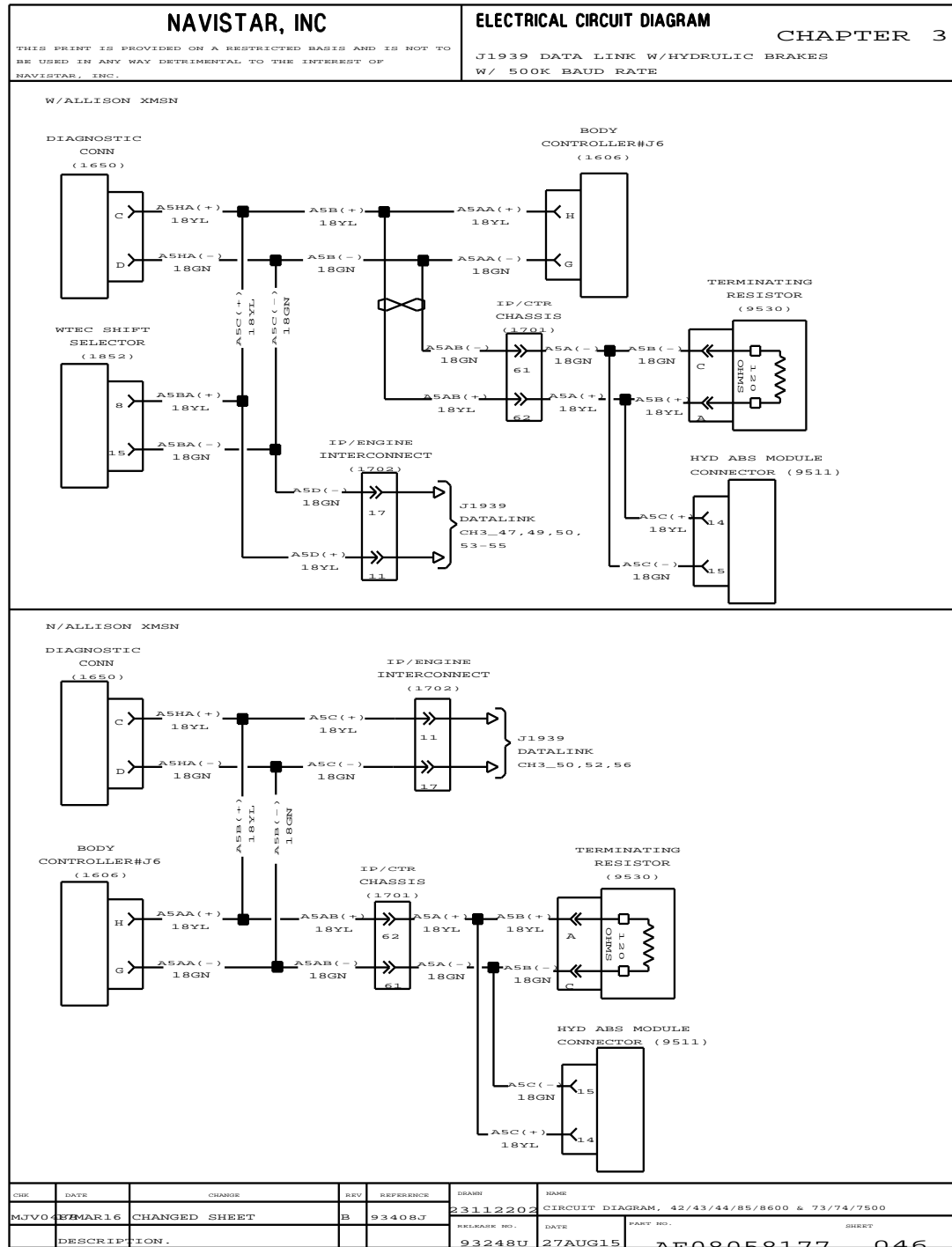


Figure 91 J1939 Data Link with Hydraulic Brakes with 500K Baud Rate

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

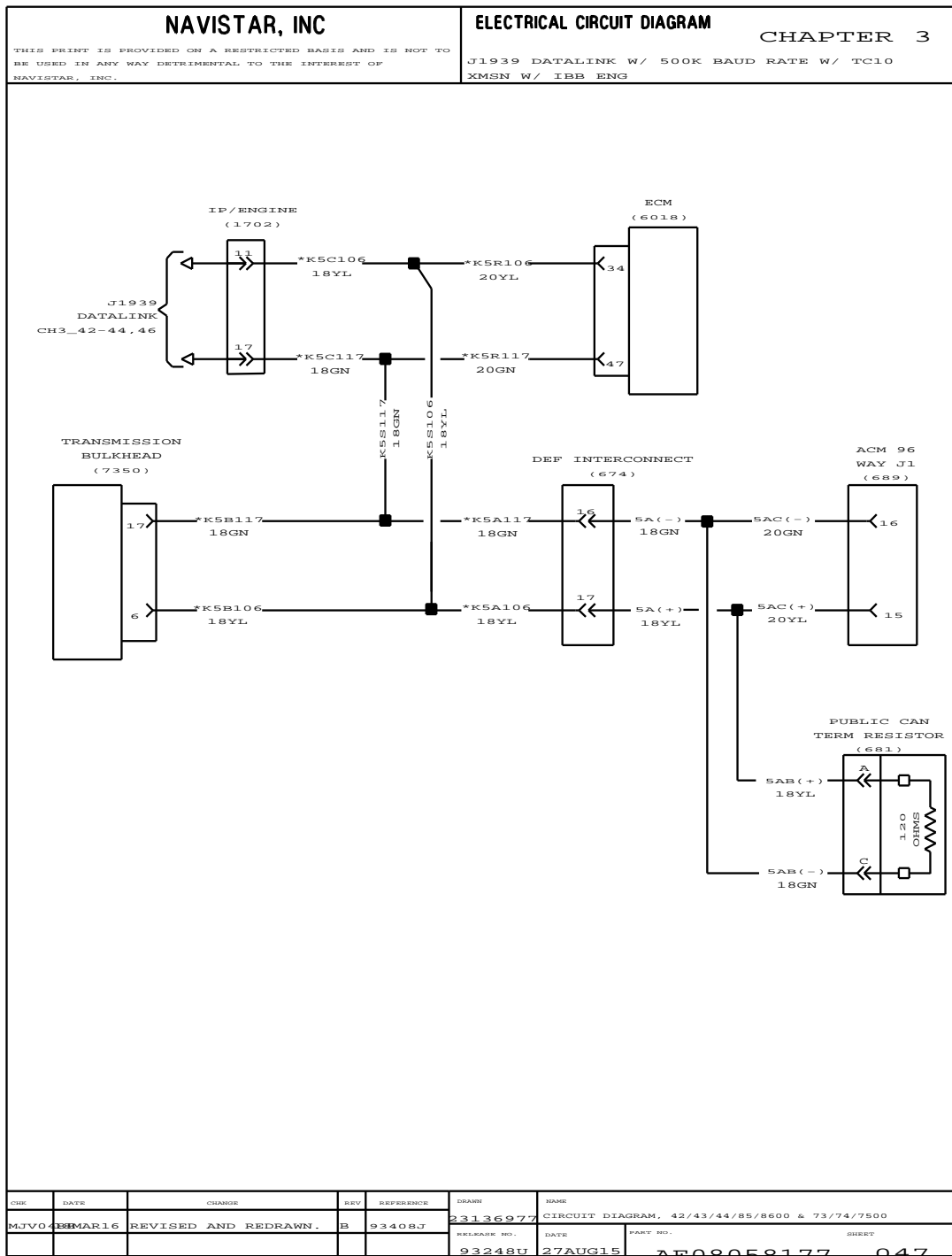


Figure 92 J1939 Data Link with 500K Baud Rate with TC10 Transmission with IBB Engine

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

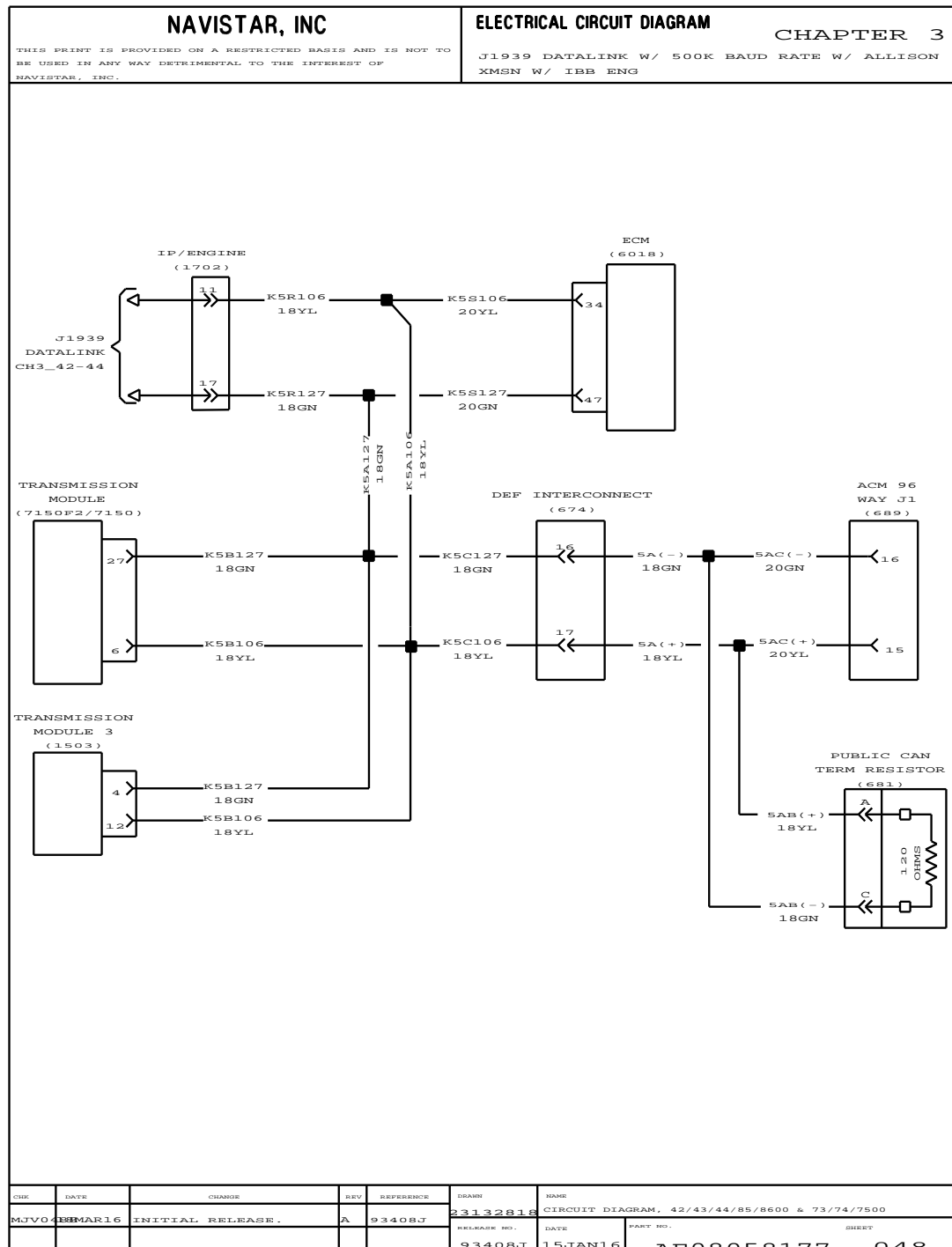


Figure 93 J1939 Data Link with 500K Baud Rate with Allison Transmission with IBB Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

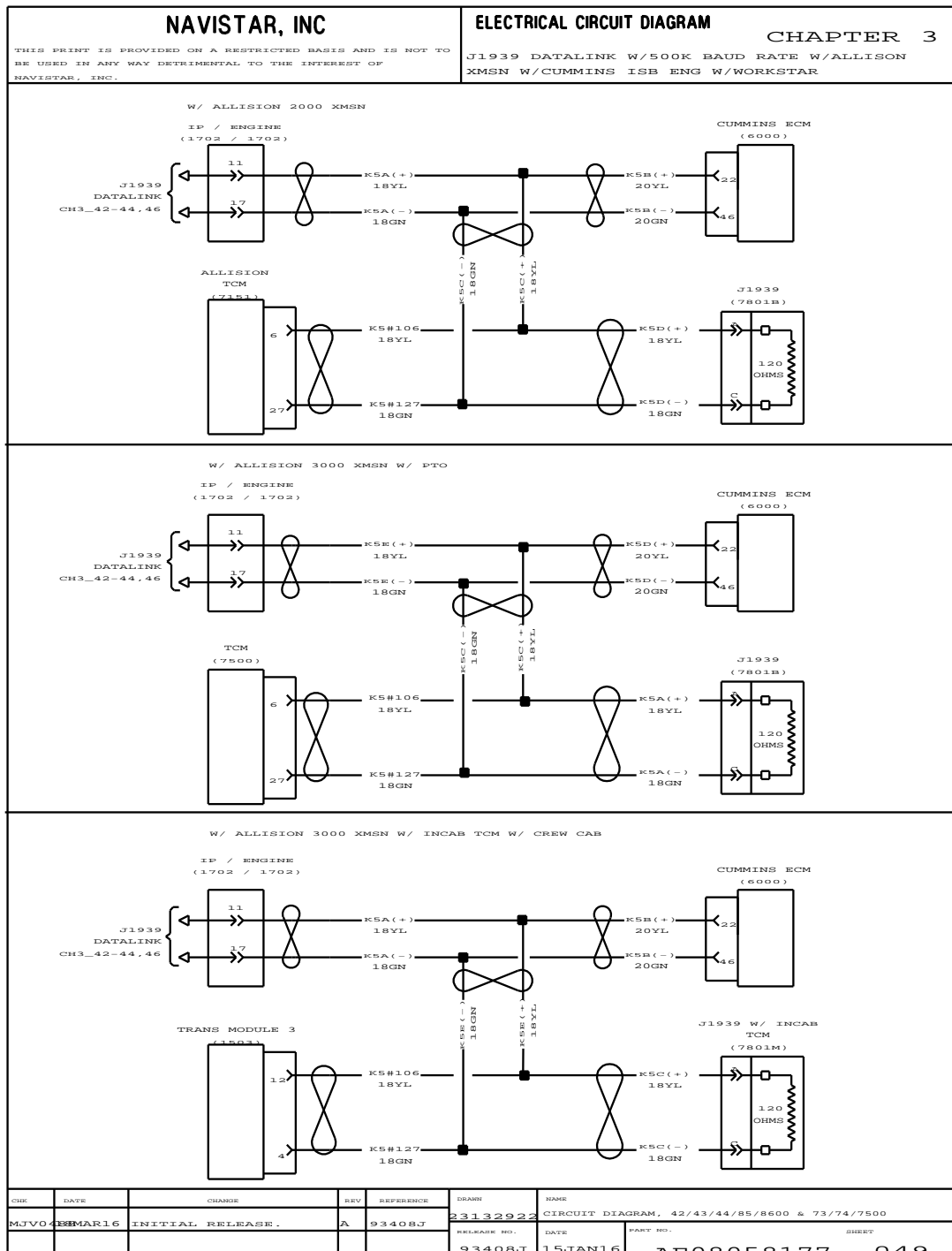


Figure 94 J1939 Data Link with 500K Baud Rate with Allison Transmission with Cummins ISB Engine with WorkStar

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

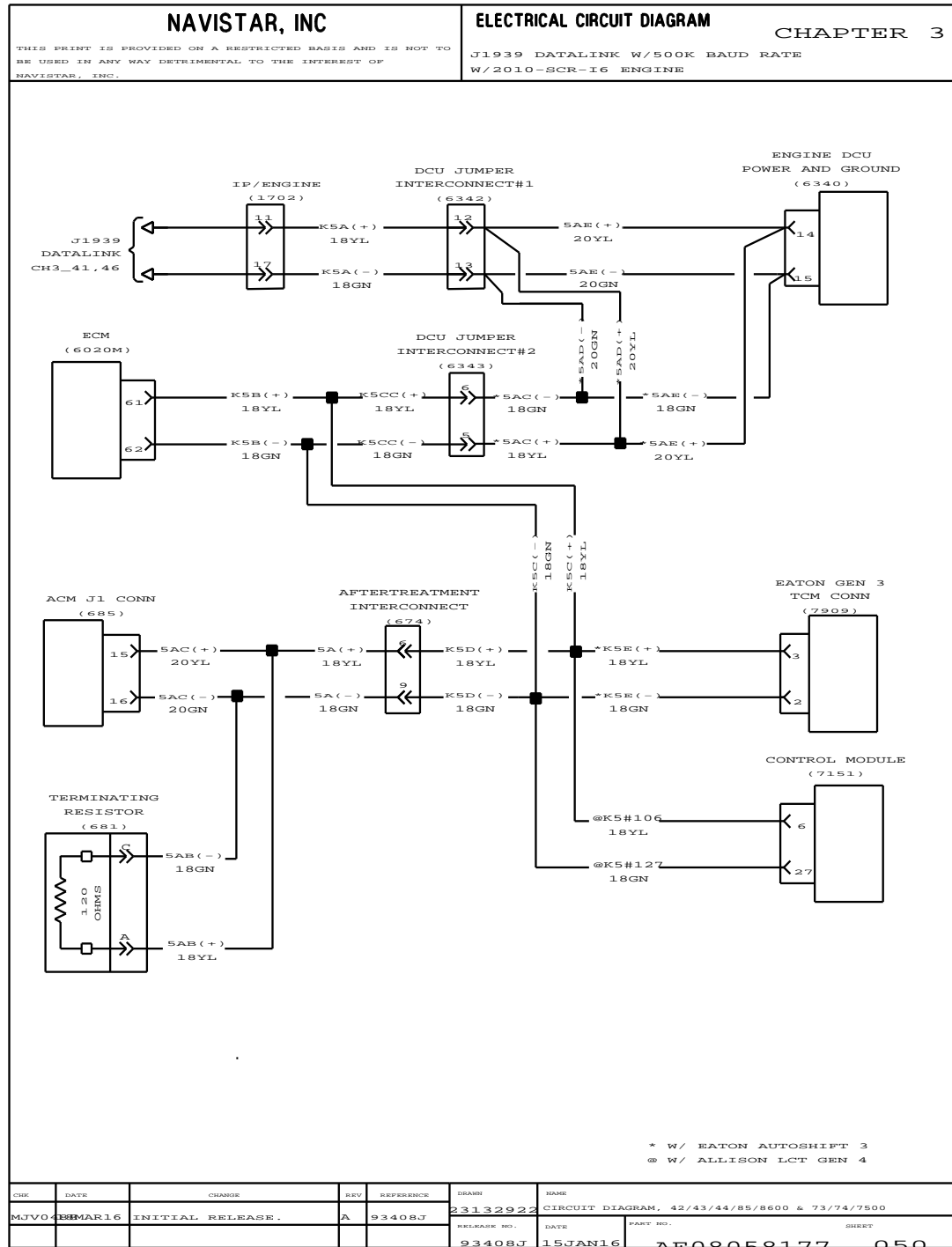


Figure 95 J1939 Data Link with 500K Baud Rate with 2010 SCR I6 Engine

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

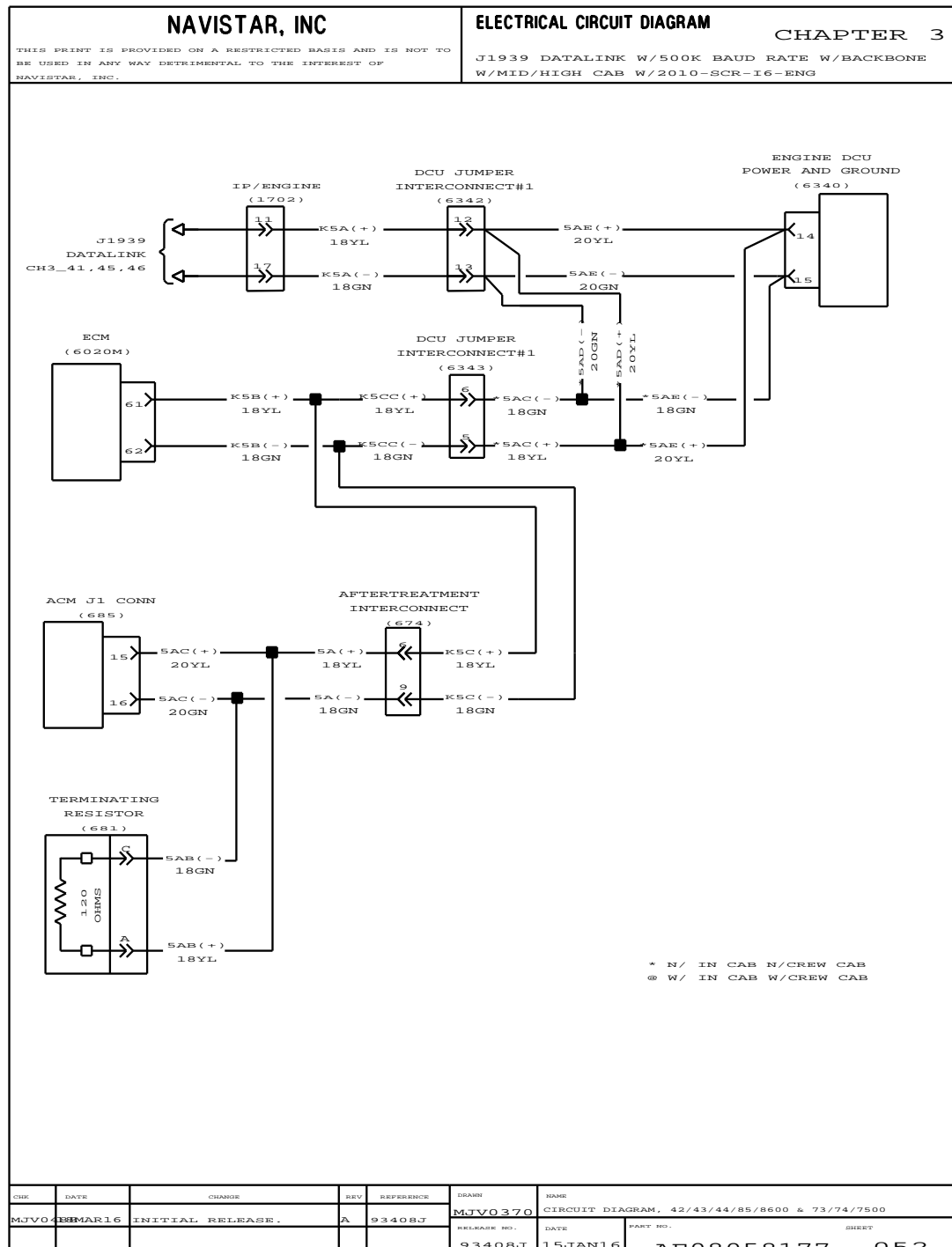


Figure 97 J1939 Data Link with 500K Baud Rate with Backbone with Mid/High Cab with 2010 SCR I6 Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.86. 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

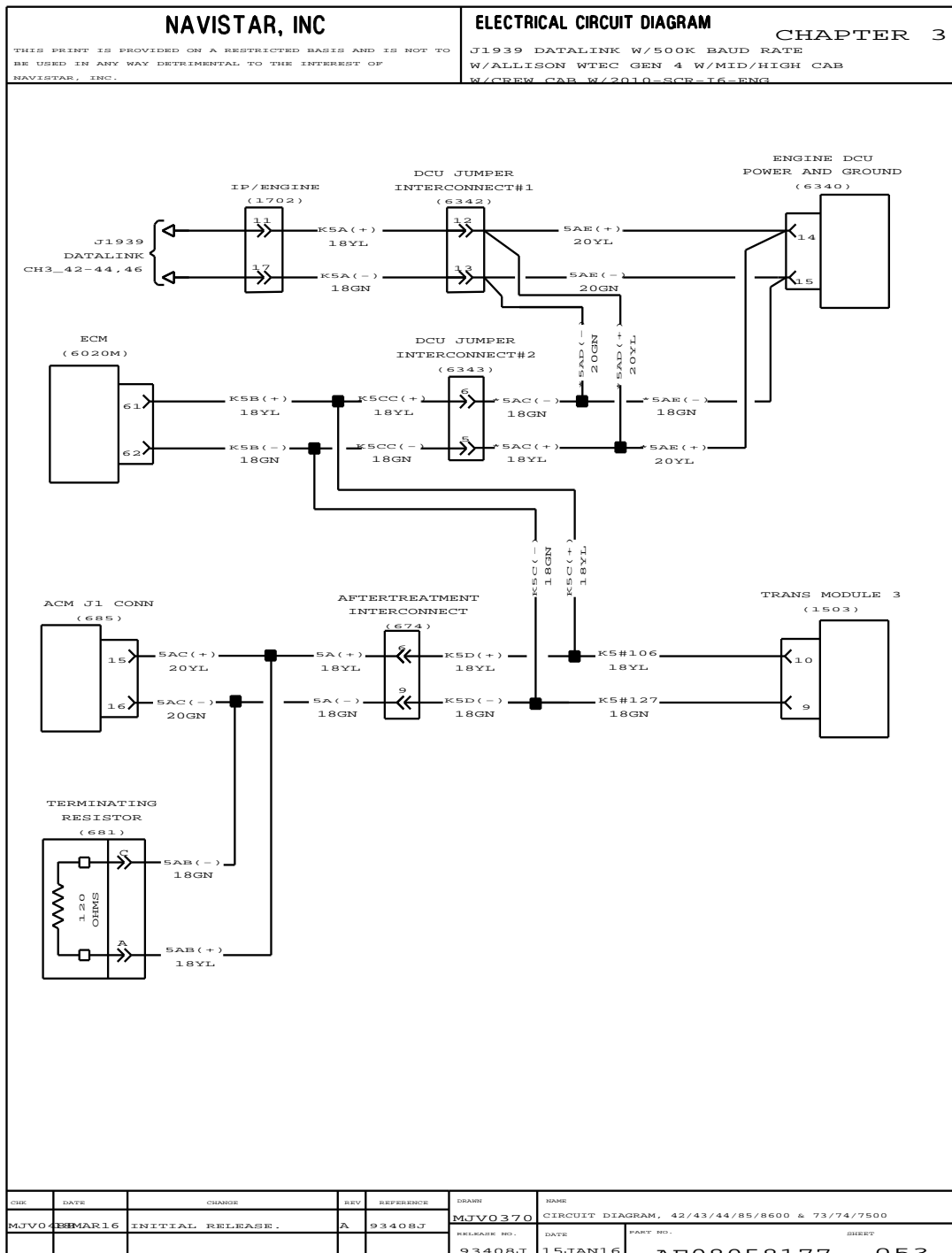


Figure 98 J1939 Data Link with 500K Baud Rate with Allison WTEC Gen 4 with Mid/High Cab with Crew Cab with 2010 SCR I6 Engine

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

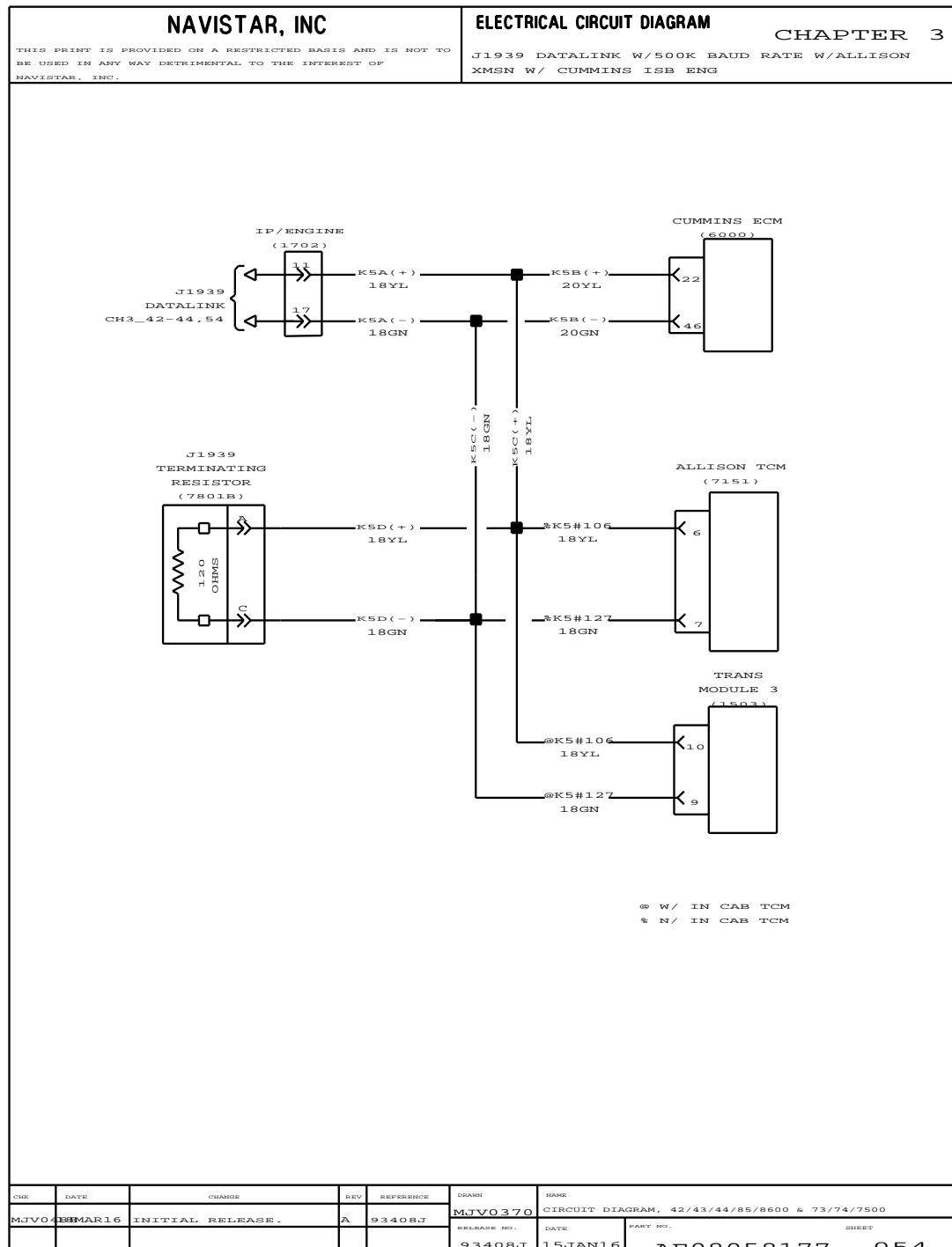


Figure 99 J1939 Data Link with 500K Baud Rate with Allison Transmission with Cummins ISB Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

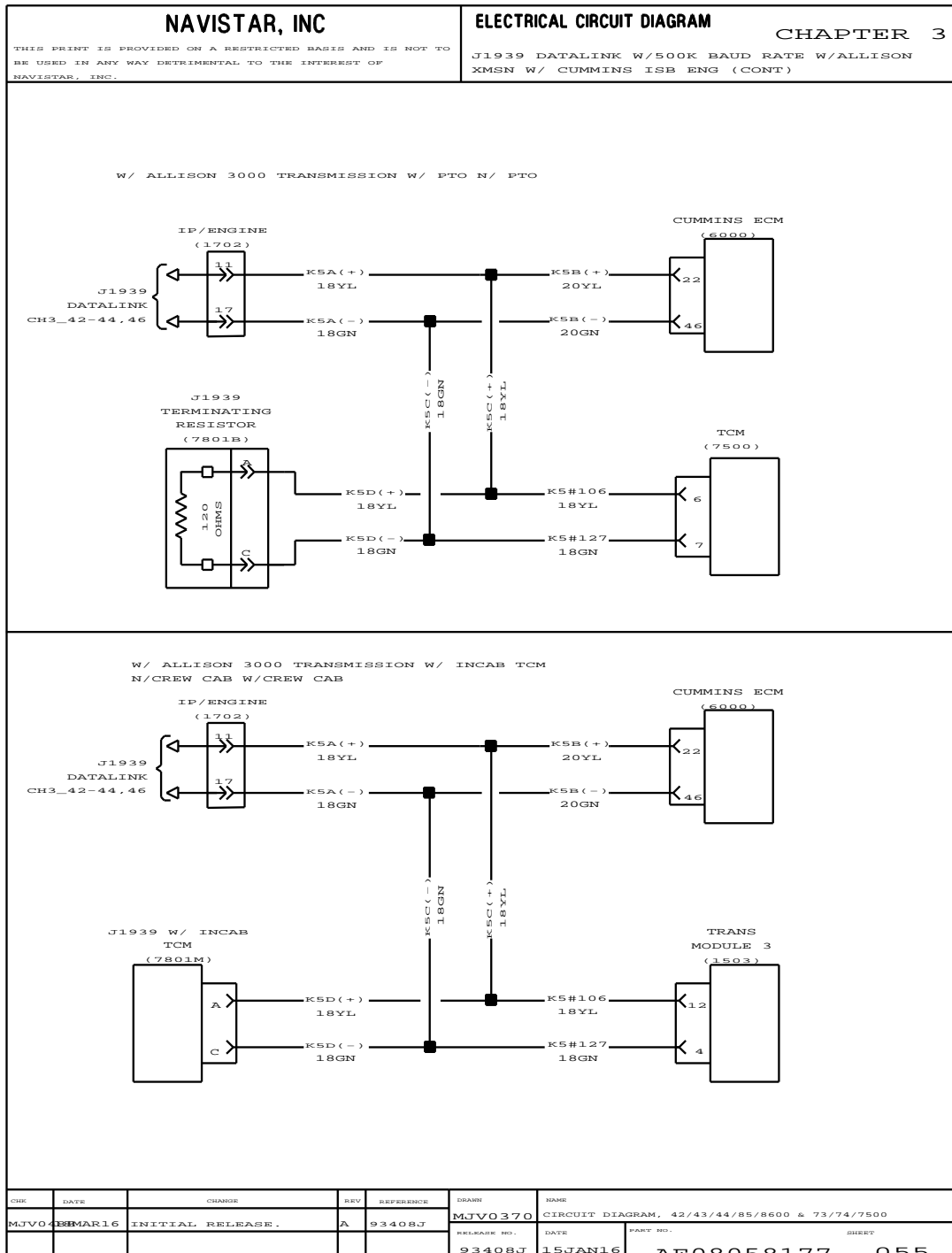


Figure 100 J1939 Data Link with 500K Baud Rate with Allison Transmission with Cummins ISB Engine (Cont.)

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

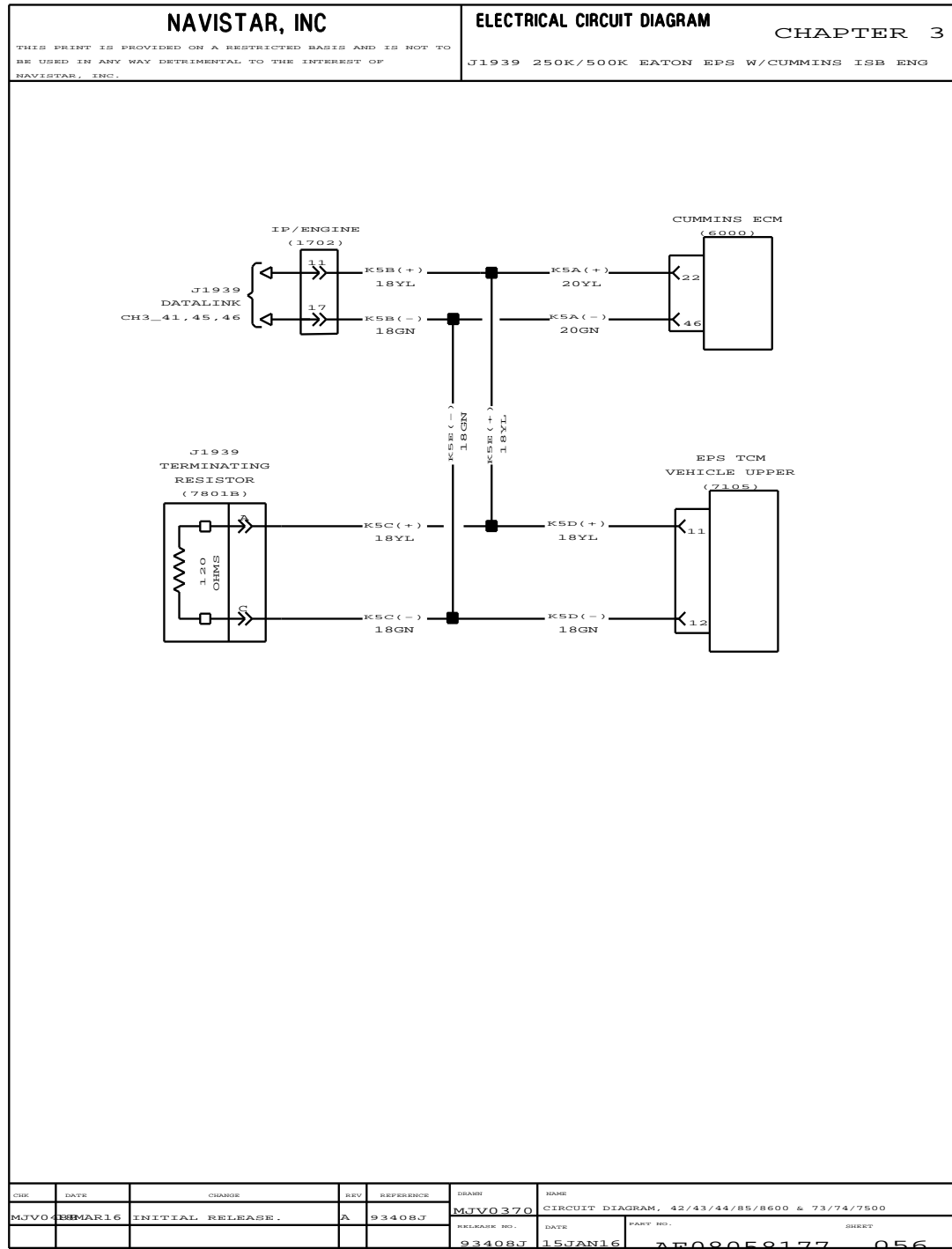


Figure 101 J1939 250K / 500K Eaton EPS with Cummins ISB Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

3.90. J1939 DATA LINK WITH TRANSTAR, P. 57

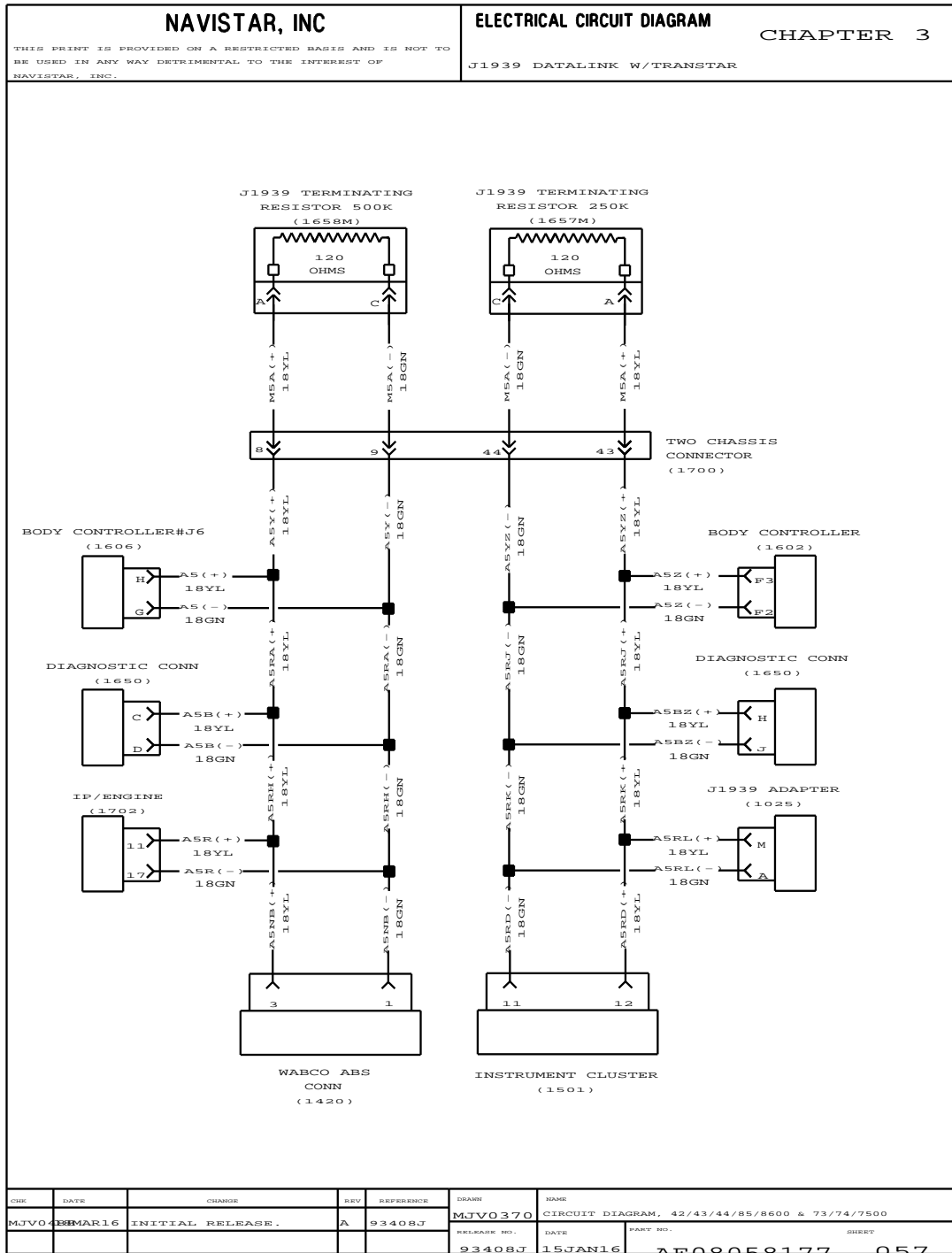


Figure 102 J1939 Data Link with TranStar

CAB ACCESSORIES (CHAPTER 4)

4.1. CIGAR LIGHTER AND POWER FEED, P. 1

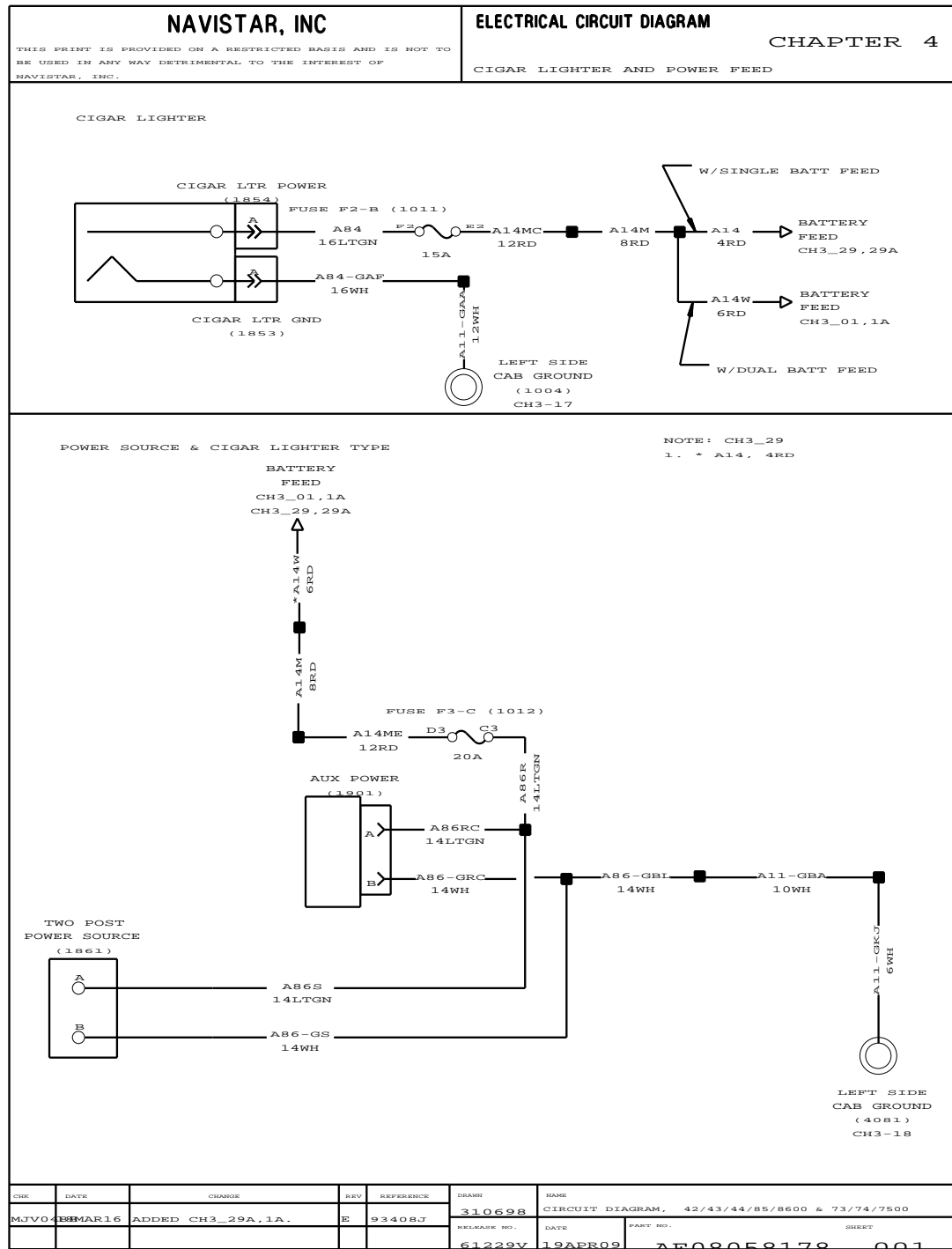


Figure 103 Cigar Lighter and Power Feed

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

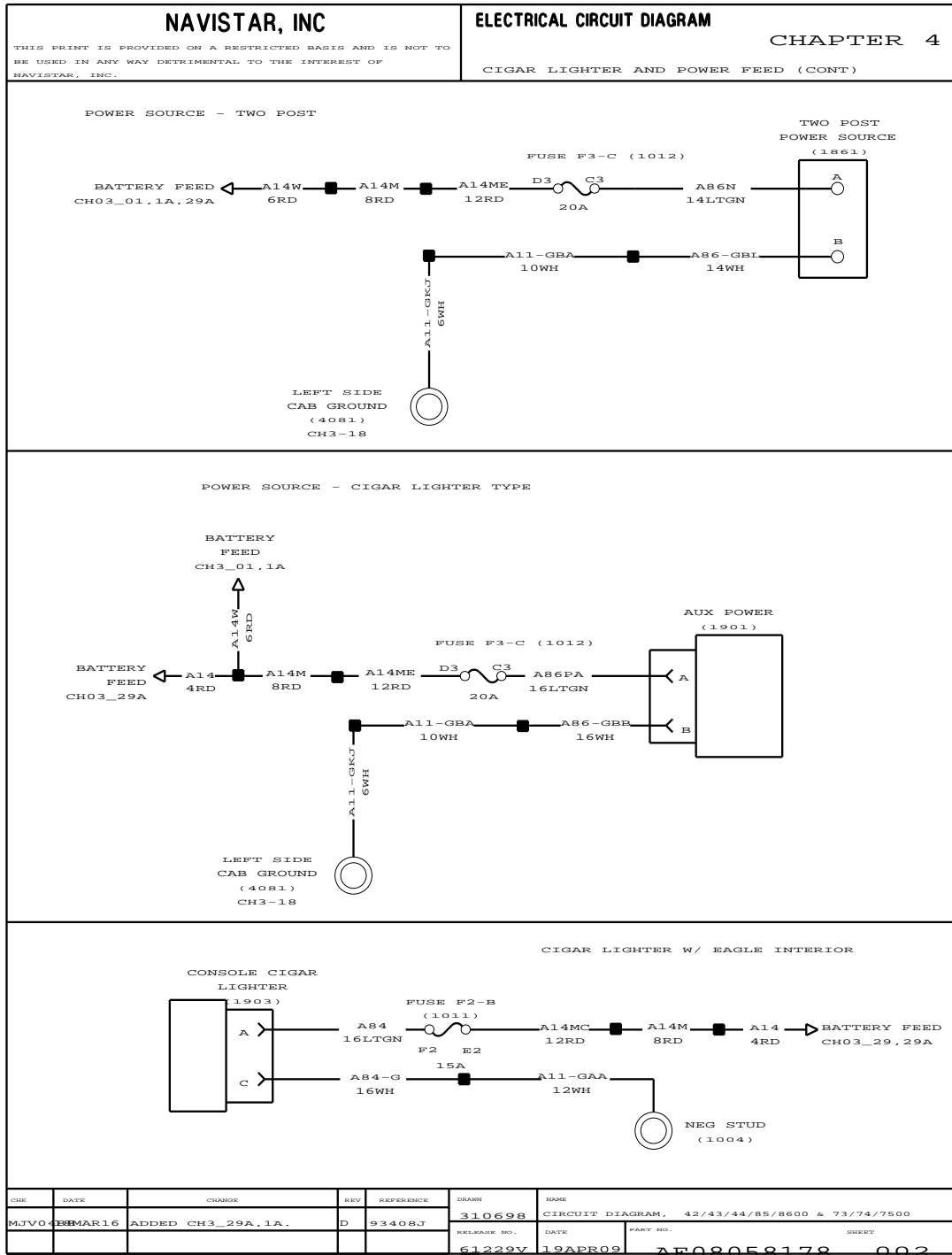


Figure 104 Cigar Lighter and Power Feed (Cont.)

4.3. CB POWER RADIO, P. 3

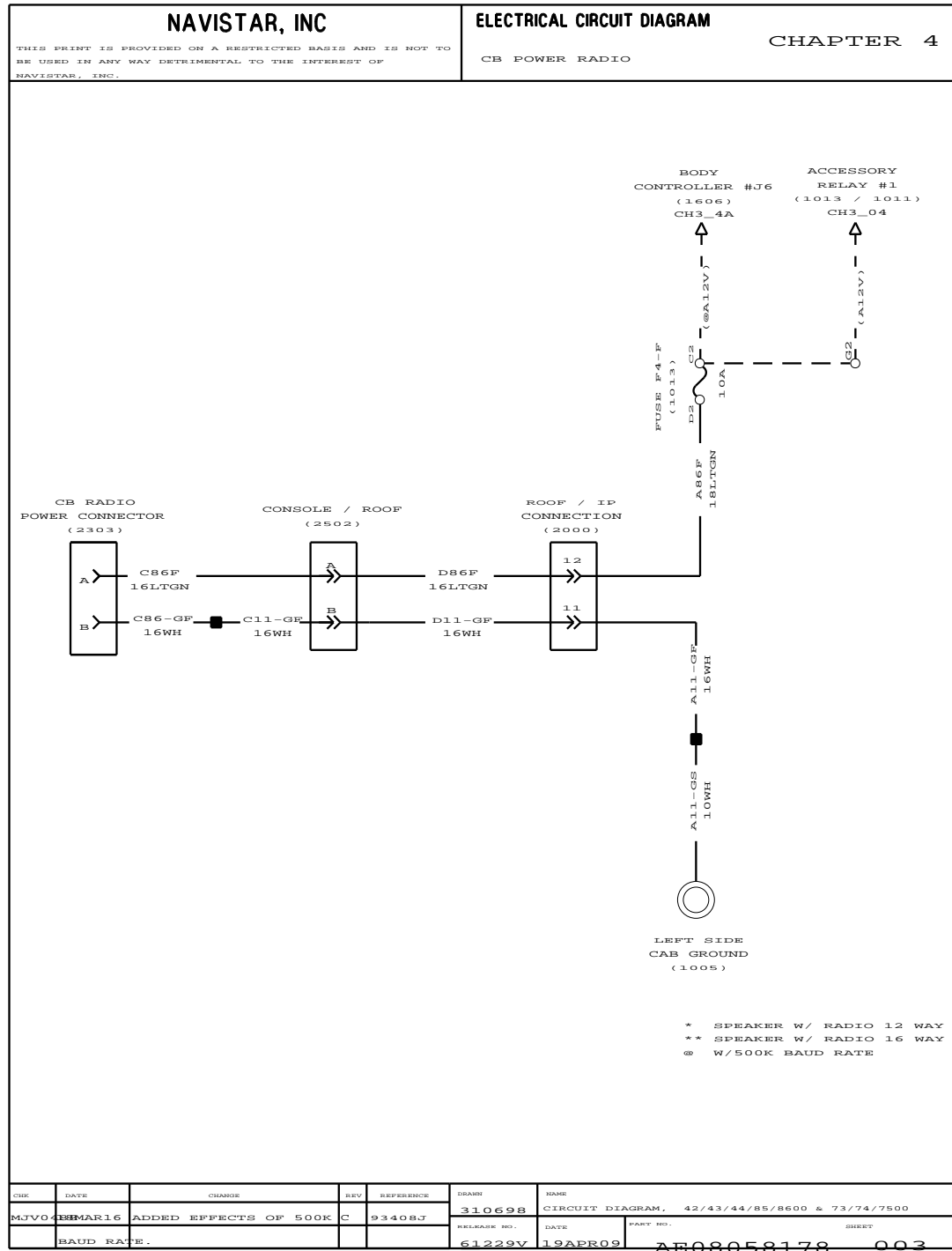
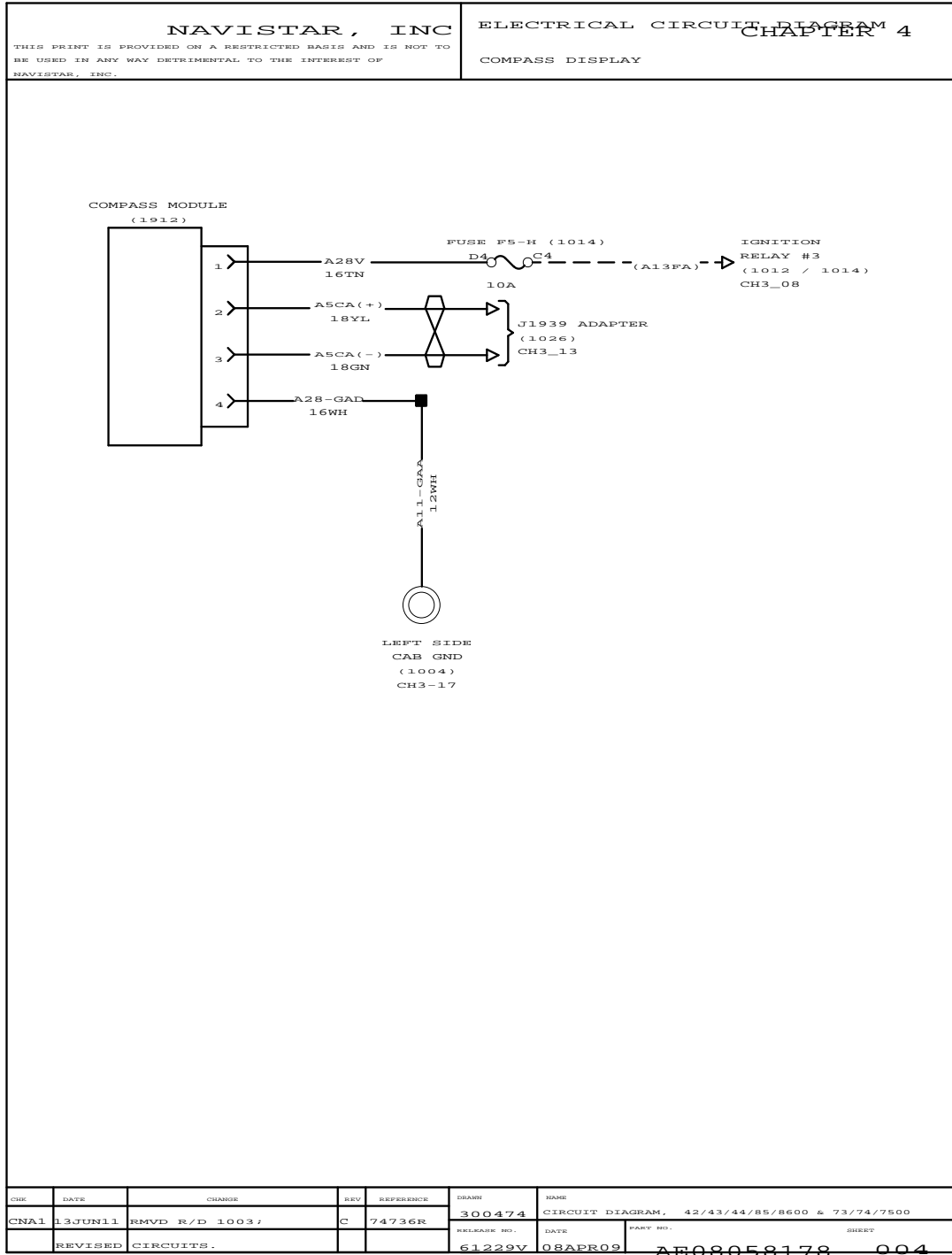


Figure 105 CB Power Radio

ELECTRICAL CIRCUIT DIAGRAM MANUAL**4.4. COMPASS DISPLAY, P. 4****Figure 106 Compass Display**

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

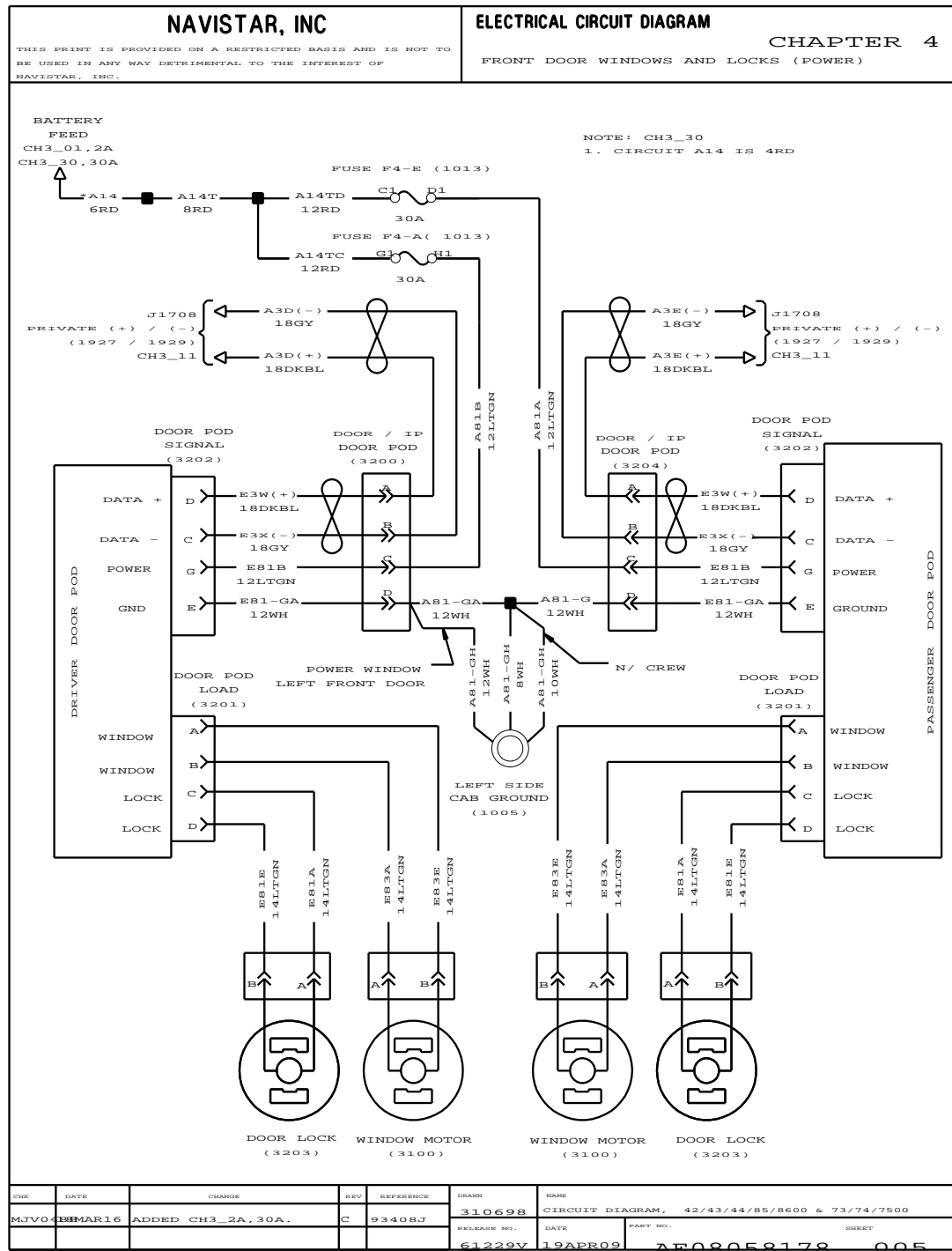


Figure 107 Front Door Windows and Locks (Power)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

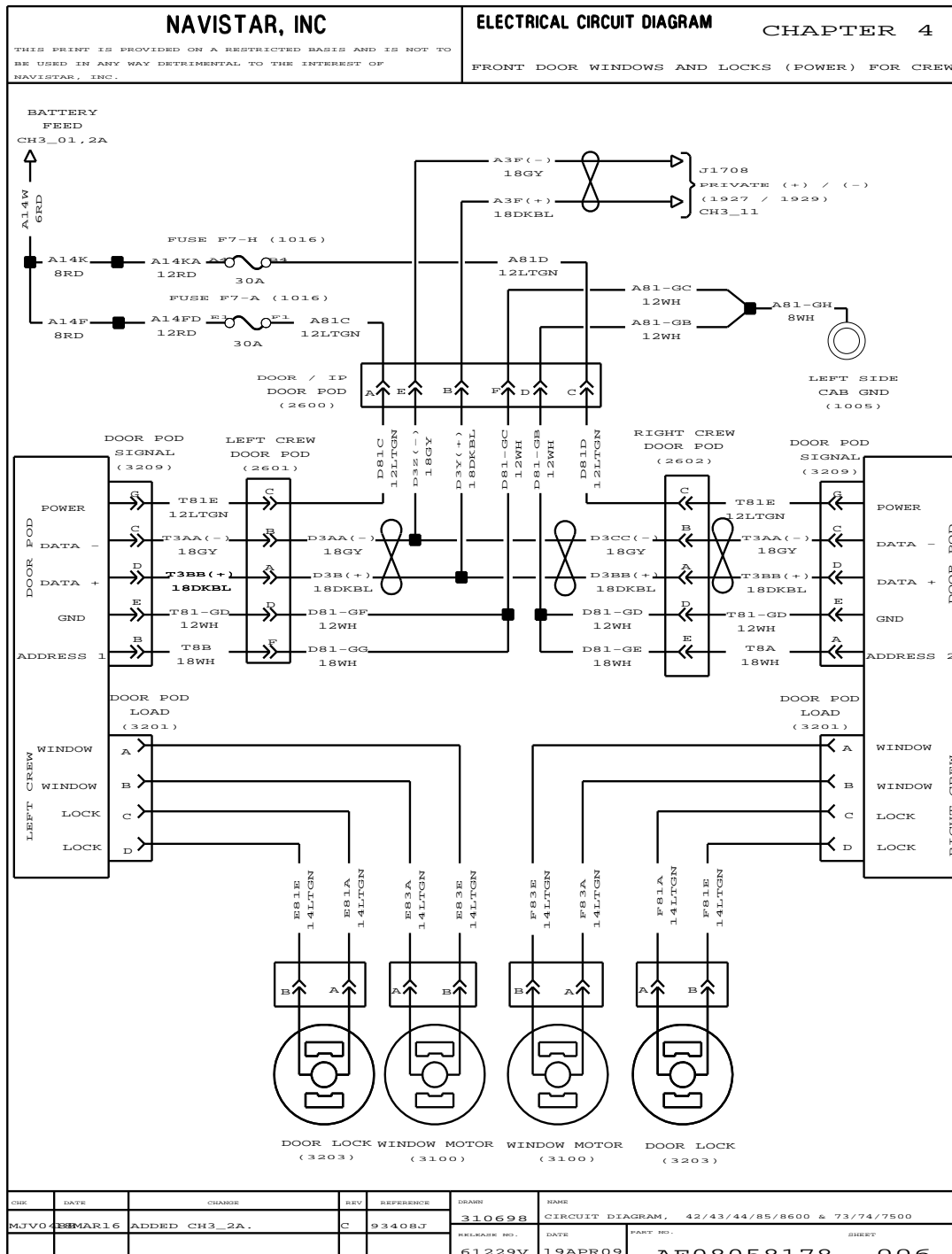


Figure 108 Front Door Windows and Locks (Power) for Crew

4.7. HORN, ELECTRIC AND AIR, P. 7

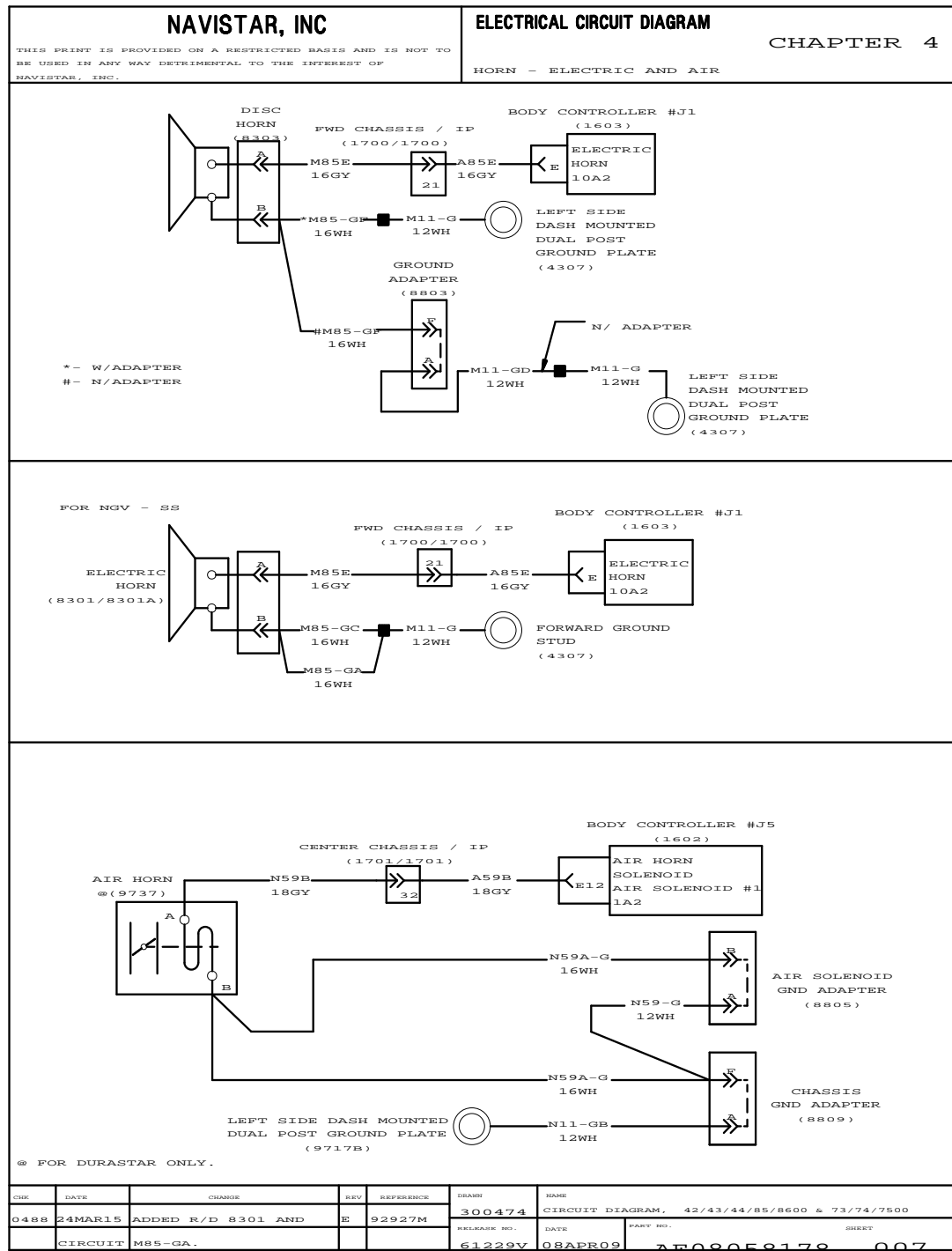


Figure 109 Horn, Electric and Air

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

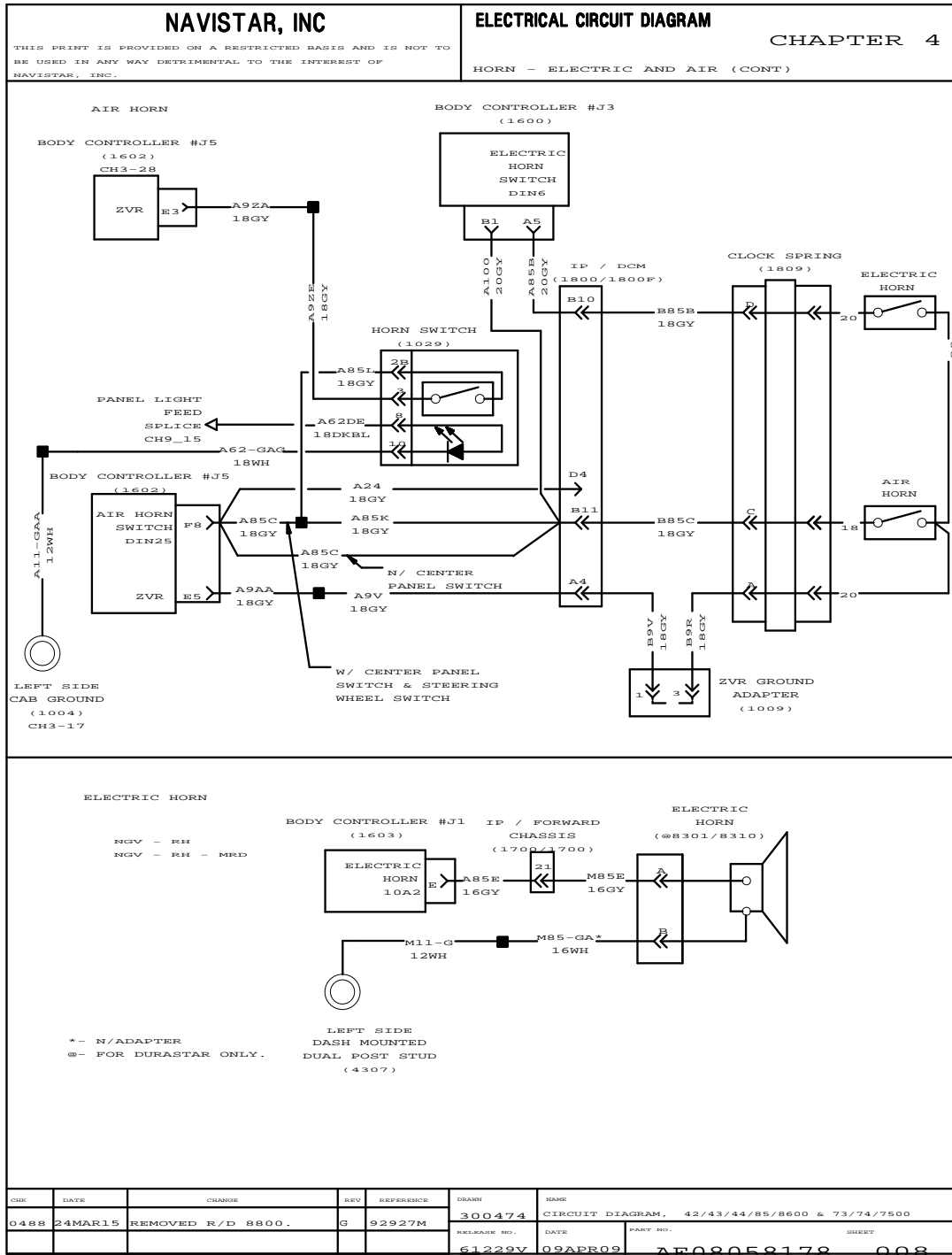


Figure 110 Horn, Electric and Air (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

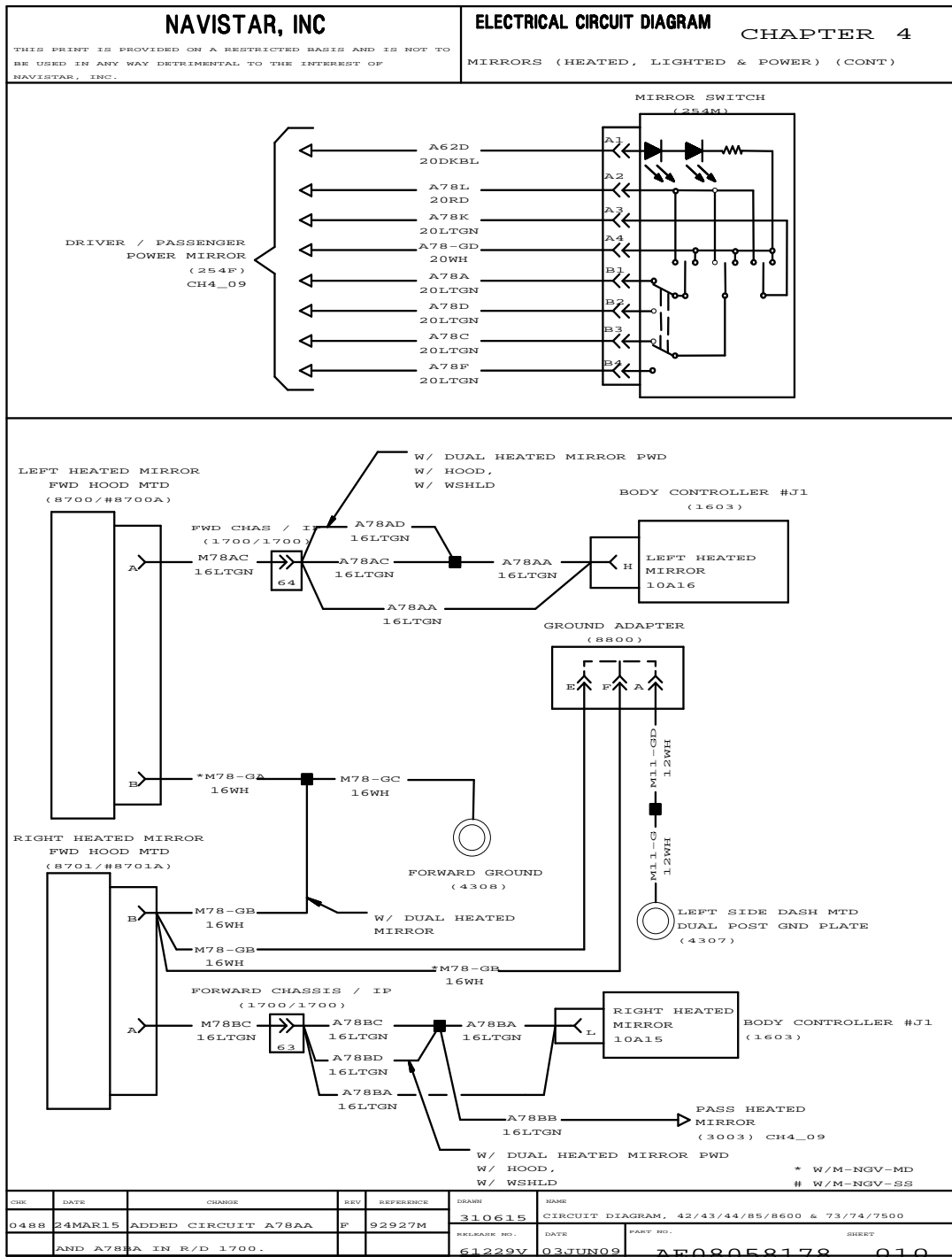


Figure 112 Mirrors (Heated, Lighted and Power) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

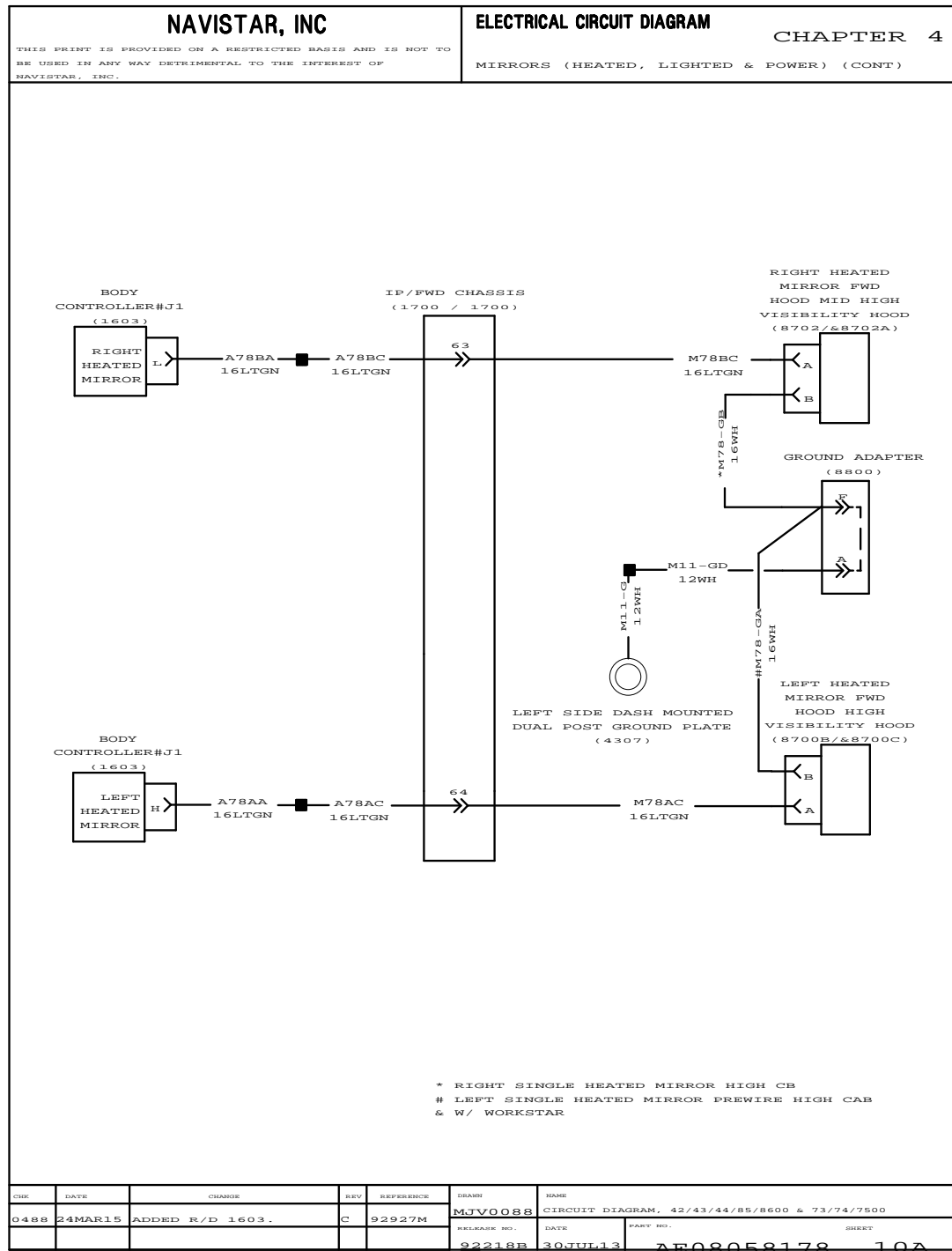


Figure 113 Mirrors (Heated, Lighted and Power) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

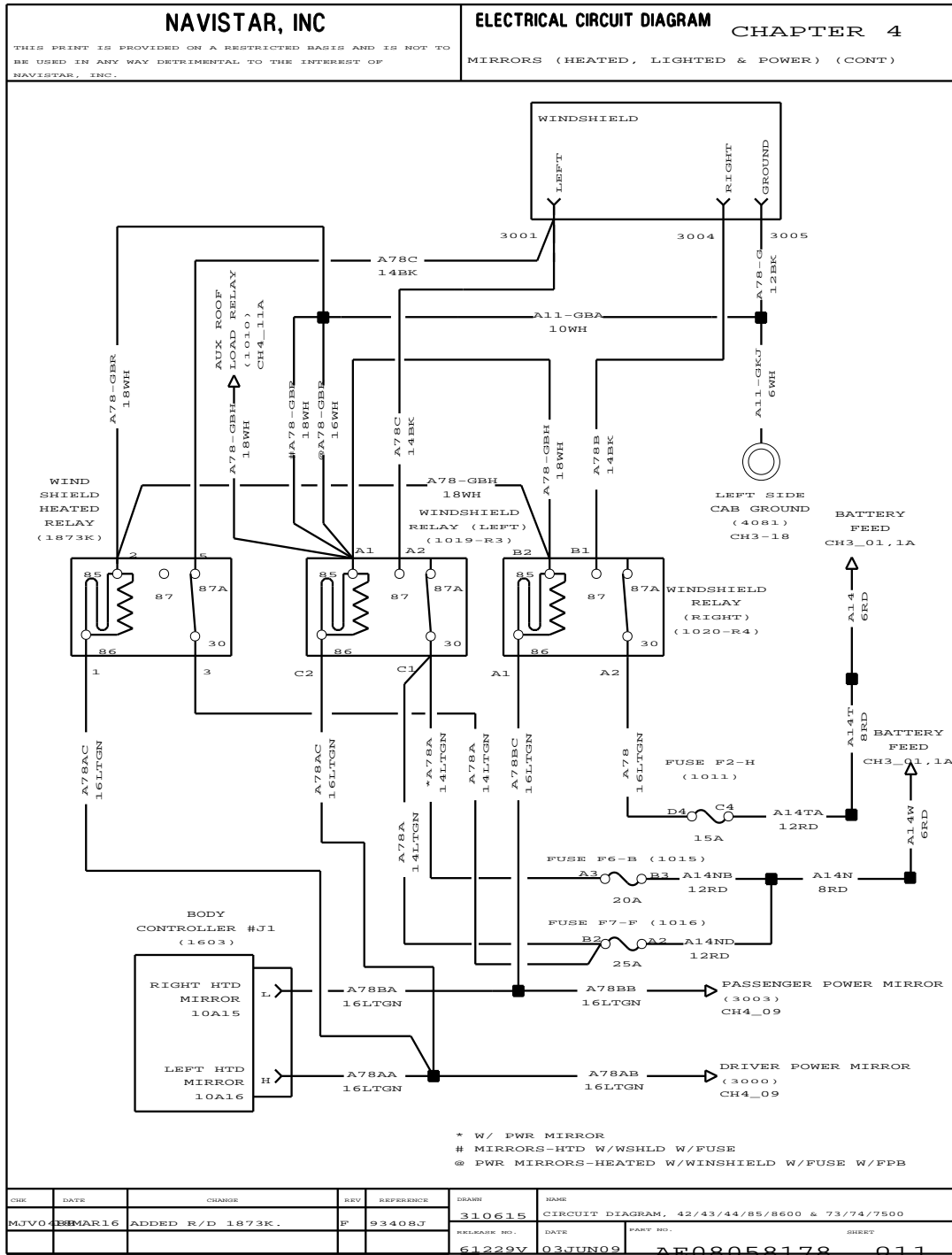


Figure 114 Mirrors (Heated, Lighted and Power) (Cont.)

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

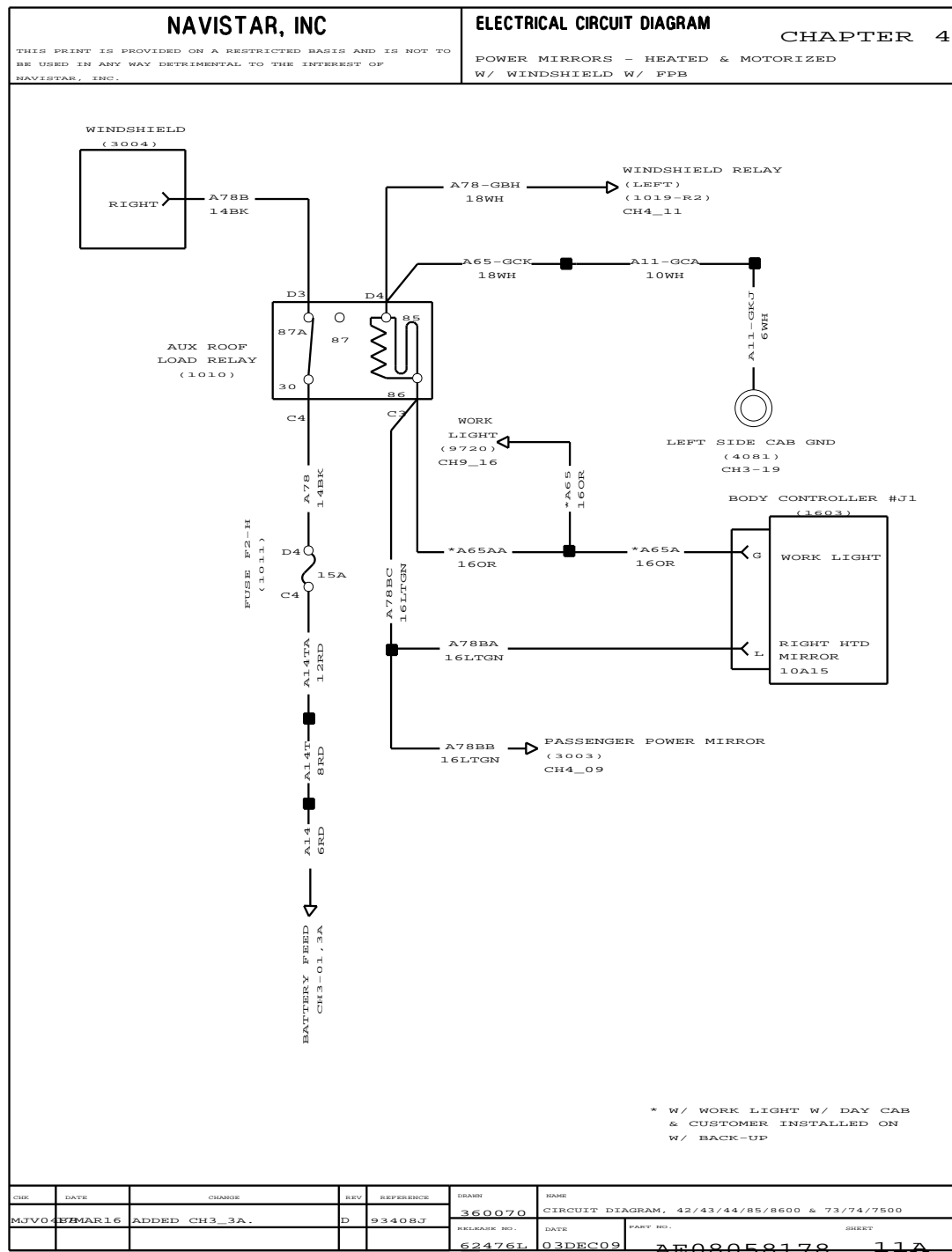


Figure 115 Power Mirrors – Heated and Motorized with Windshield with FPB

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.14. 2-WAY RADIO, P. 12

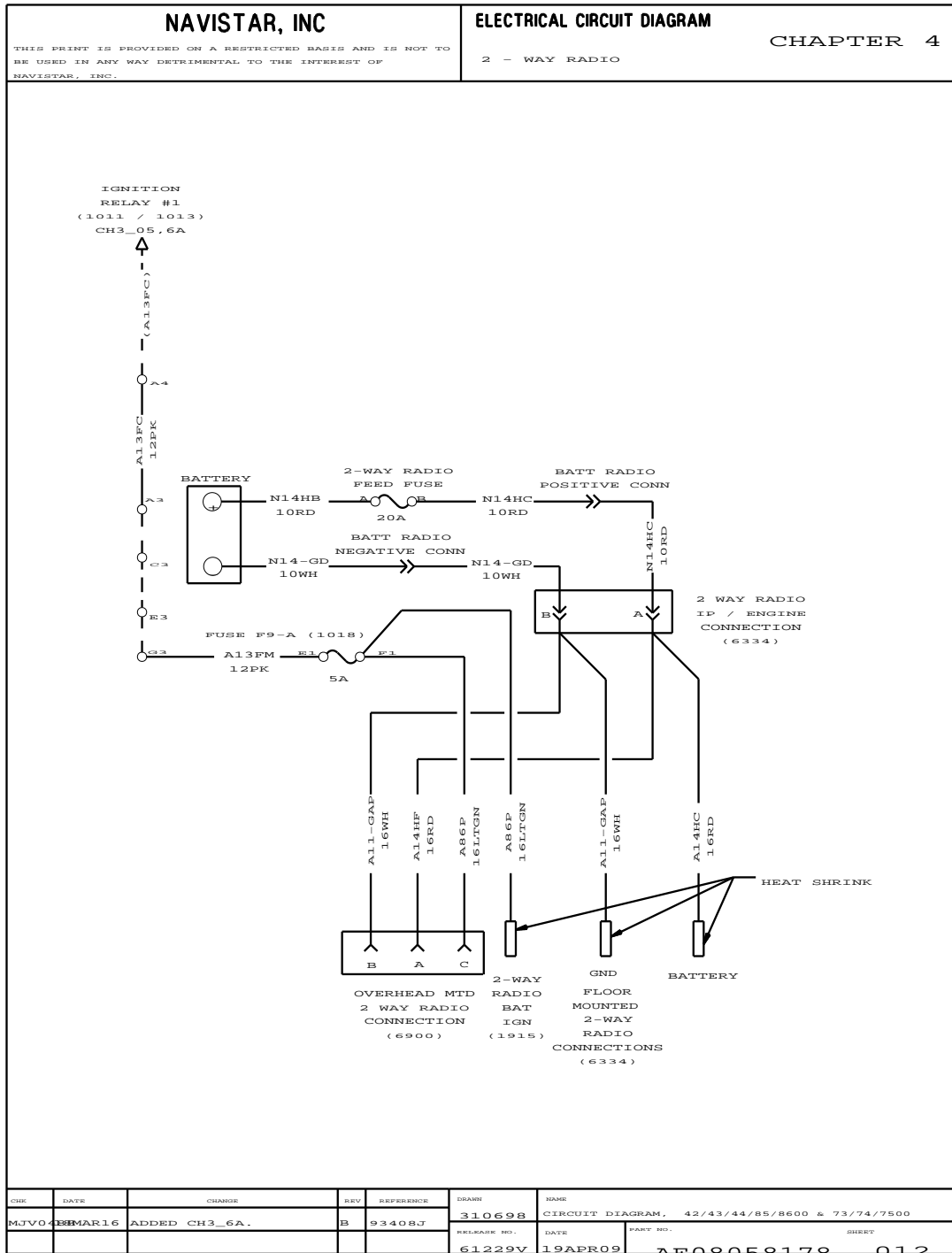


Figure 116 2-Way Radio

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

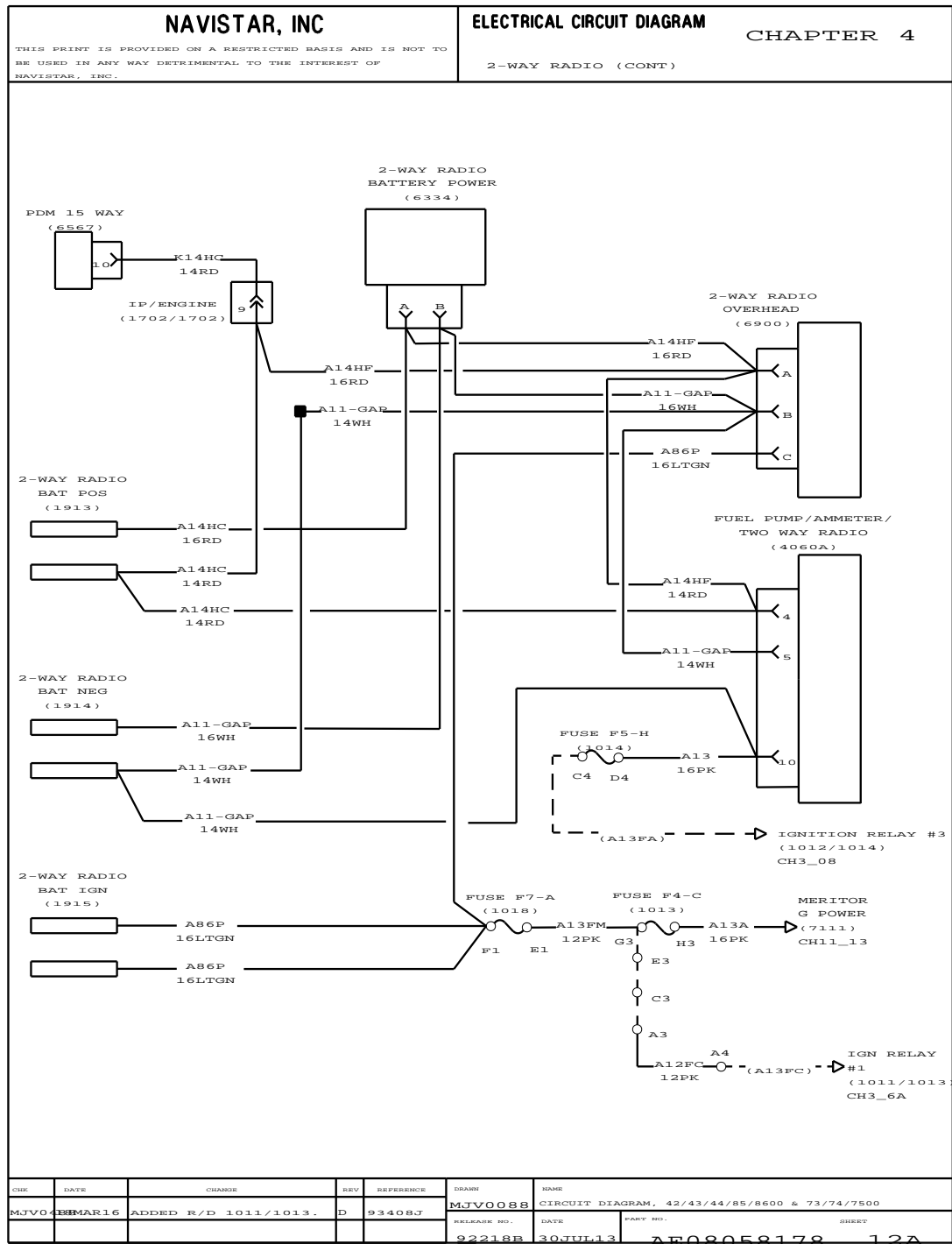


Figure 117 2-Way Radio (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.16. WINDSHIELD WIPER, P. 13

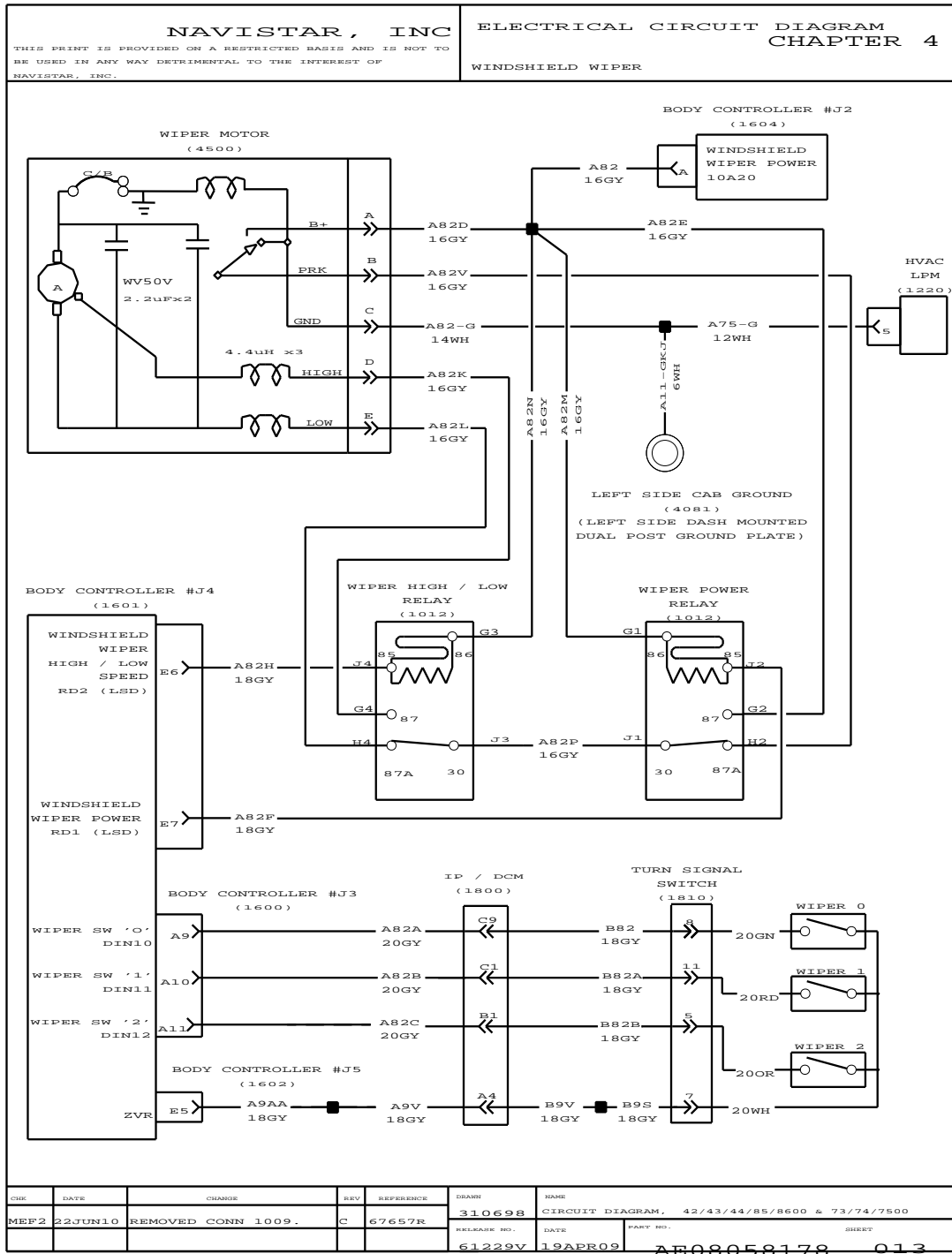


Figure 118 Windshield Wiper

4.17. WASHER PUMP, P. 14

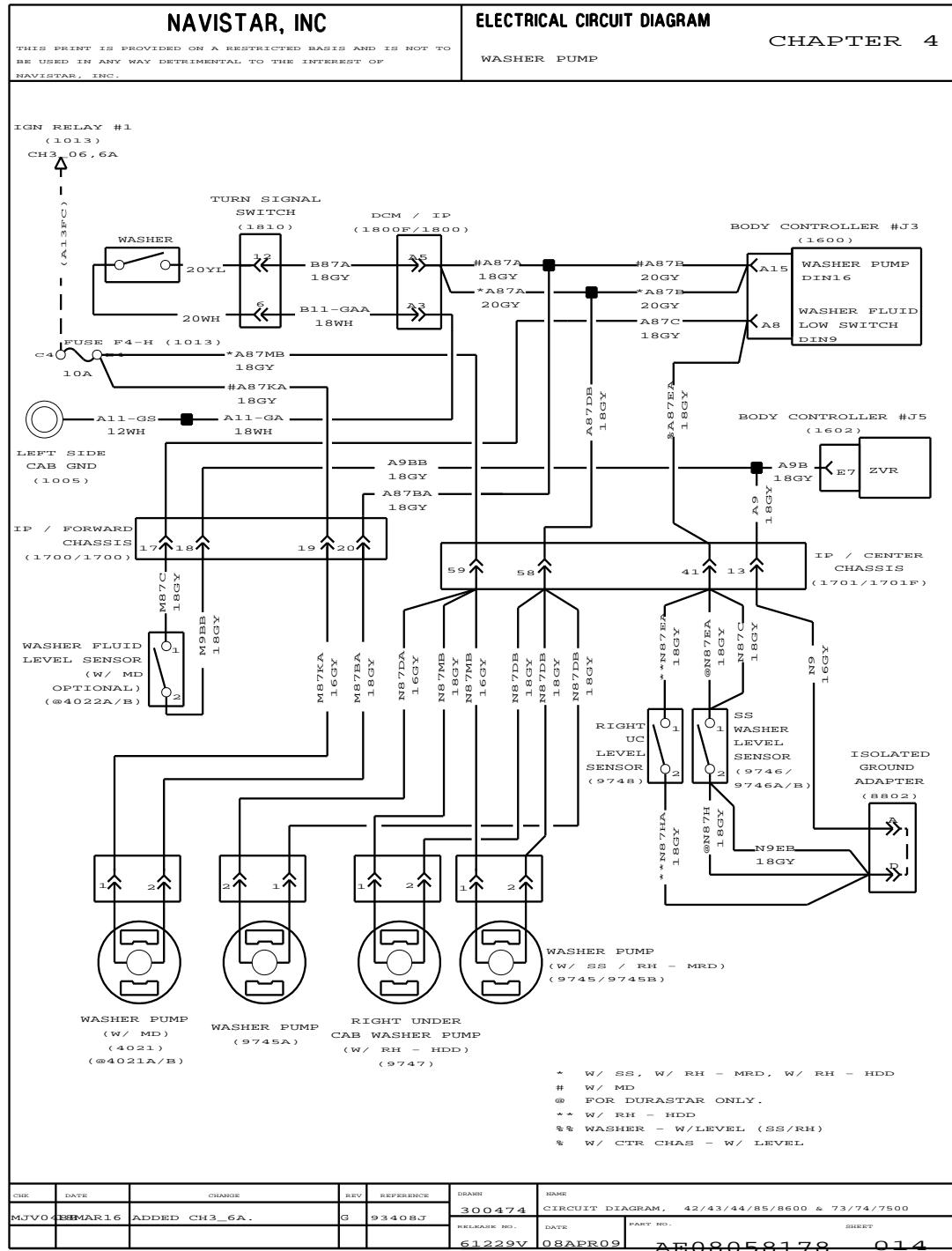


Figure 119 Washer Pump

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

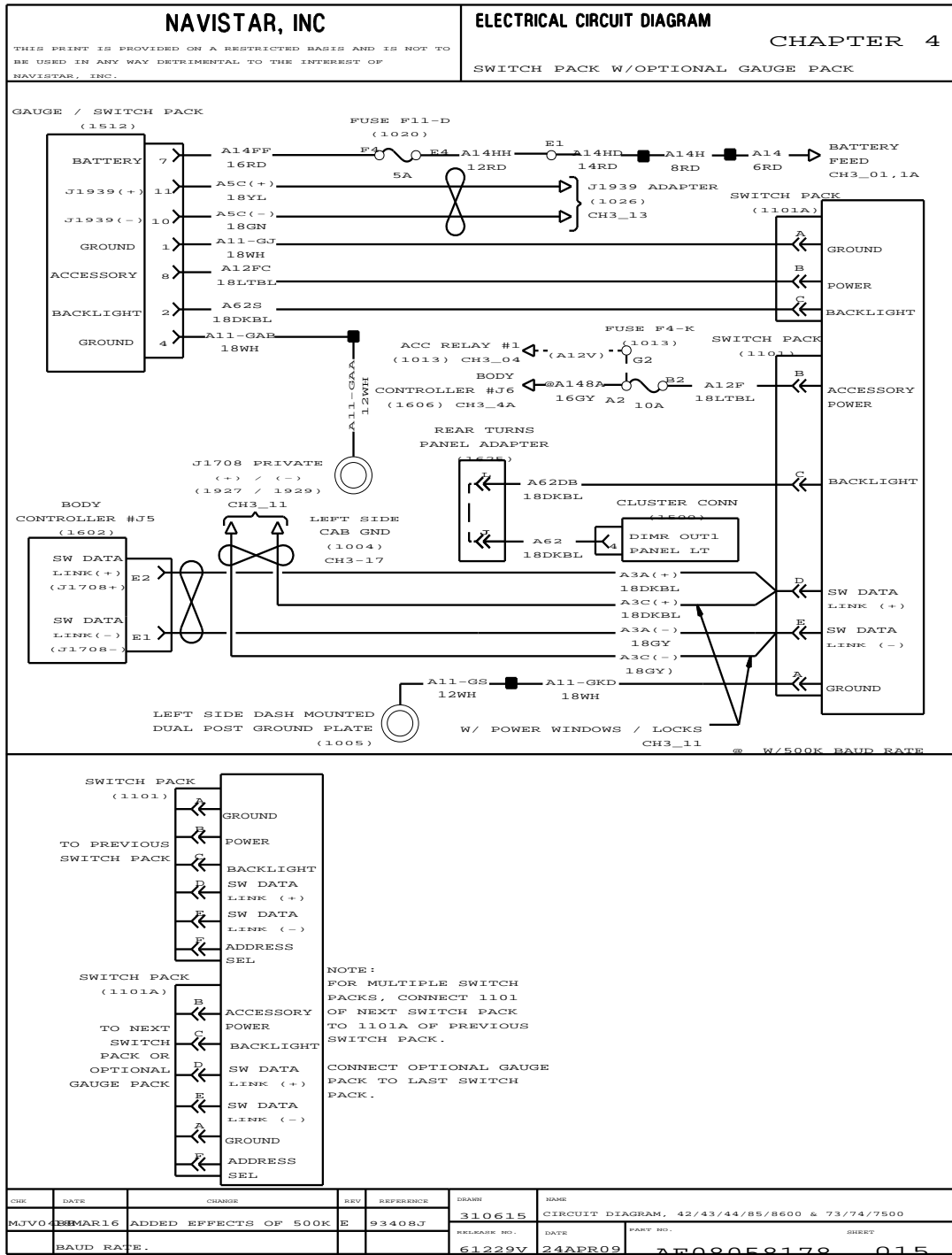


Figure 120 Switch Pack with Optional Gauge Pack

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.20. SATELLITE COMMUNICATION – QUALCOMM IMCT, P. 17

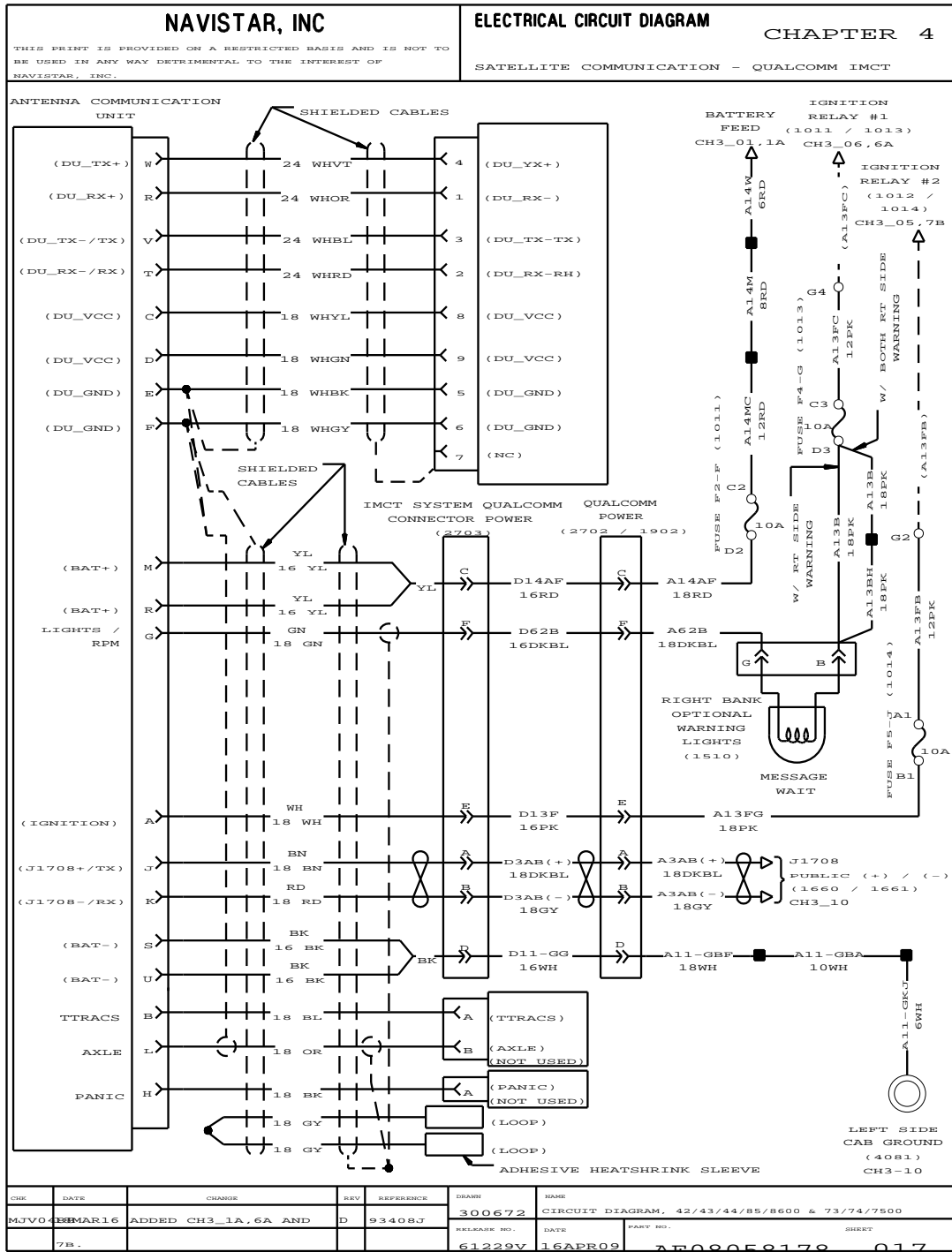


Figure 122 Satellite Communication – QualComm IMCT

4.21. SATELLITE COMMUNICATION – TRIPMASTER, P. 18

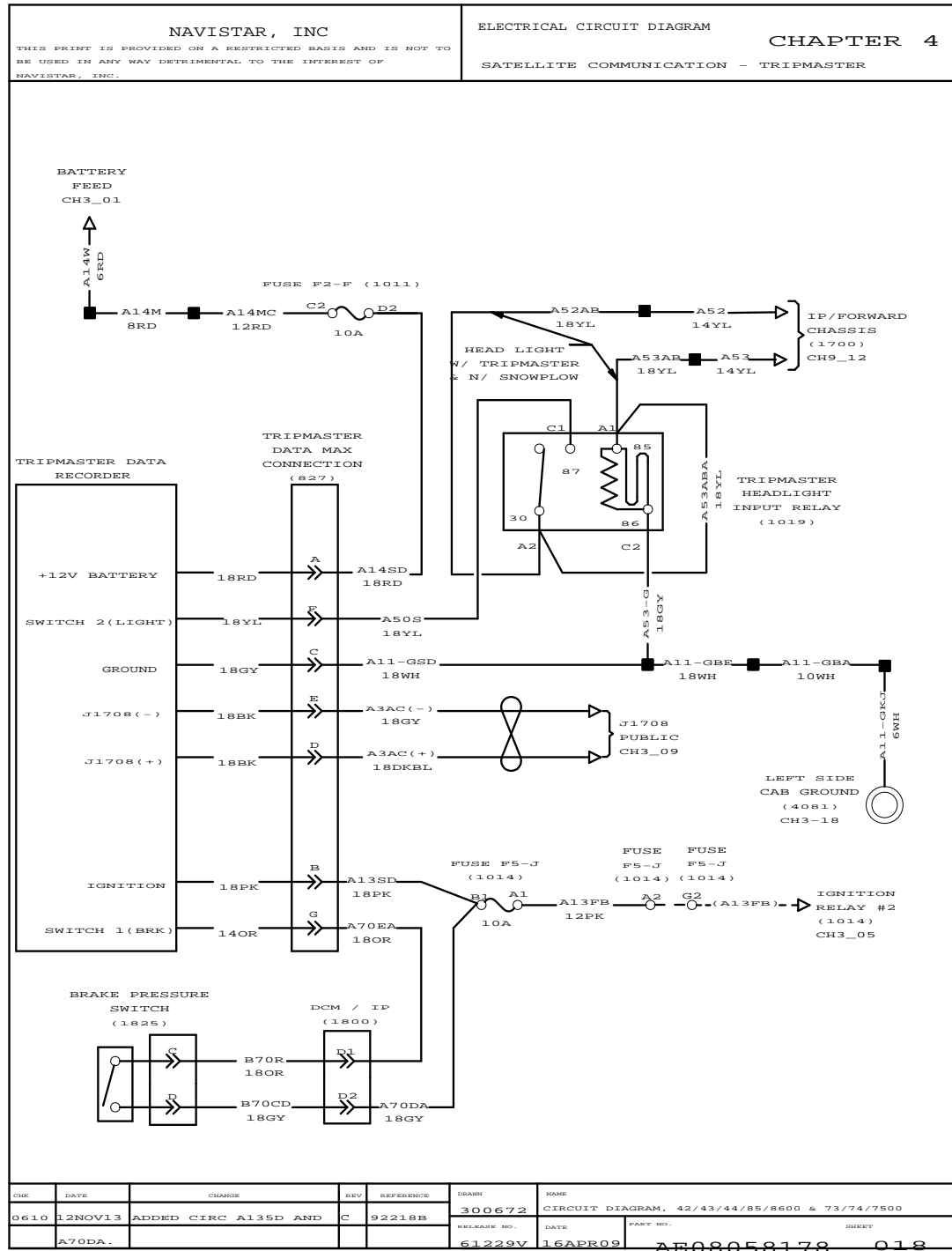


Figure 123 Satellite Communication – Tripmaster

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.22. COMPUTER PREWIRED – XATA SYSTEM, P. 19

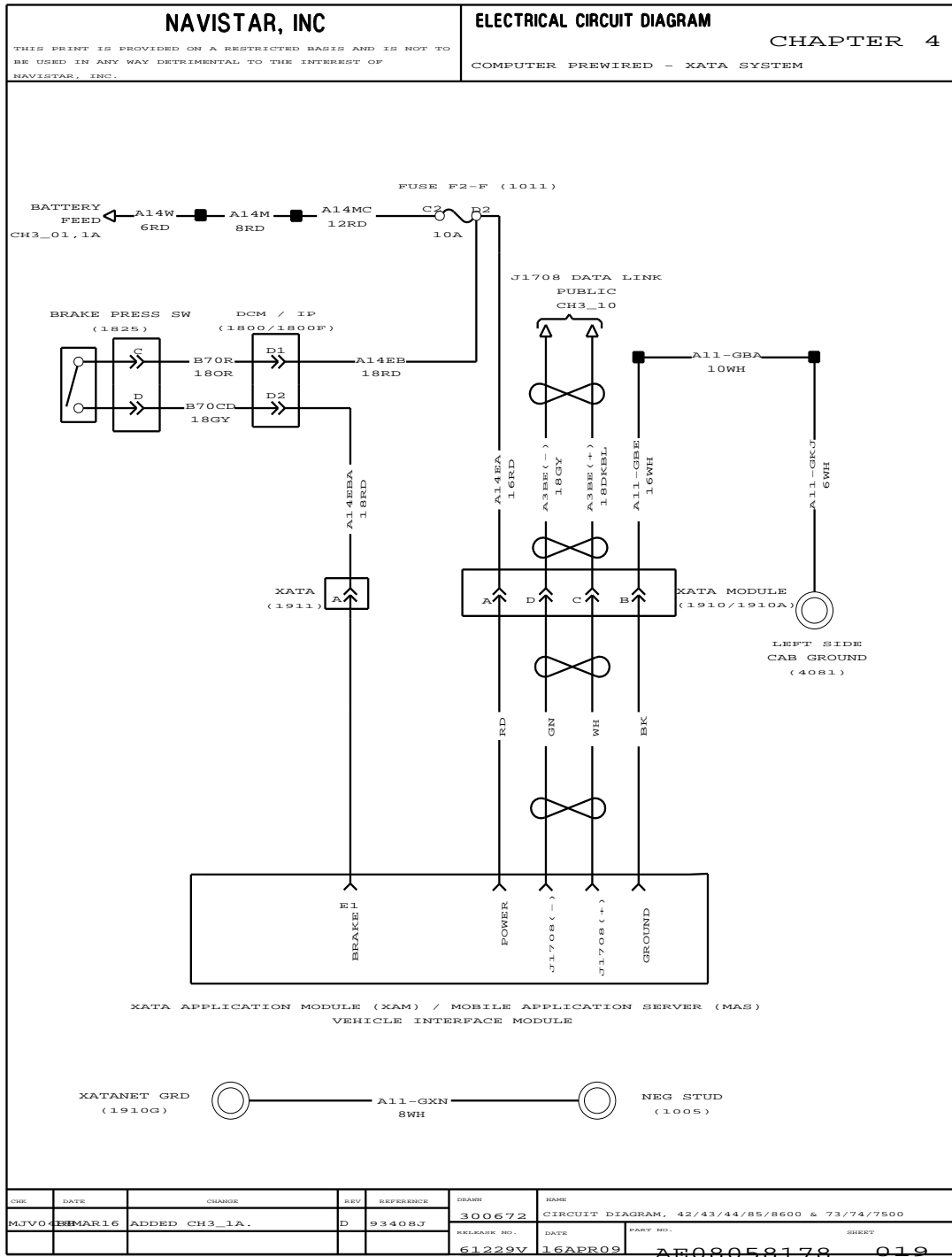


Figure 124 Computer Prewired – XATA System

4.23. CADEC GPS SYSTEM, P. 20

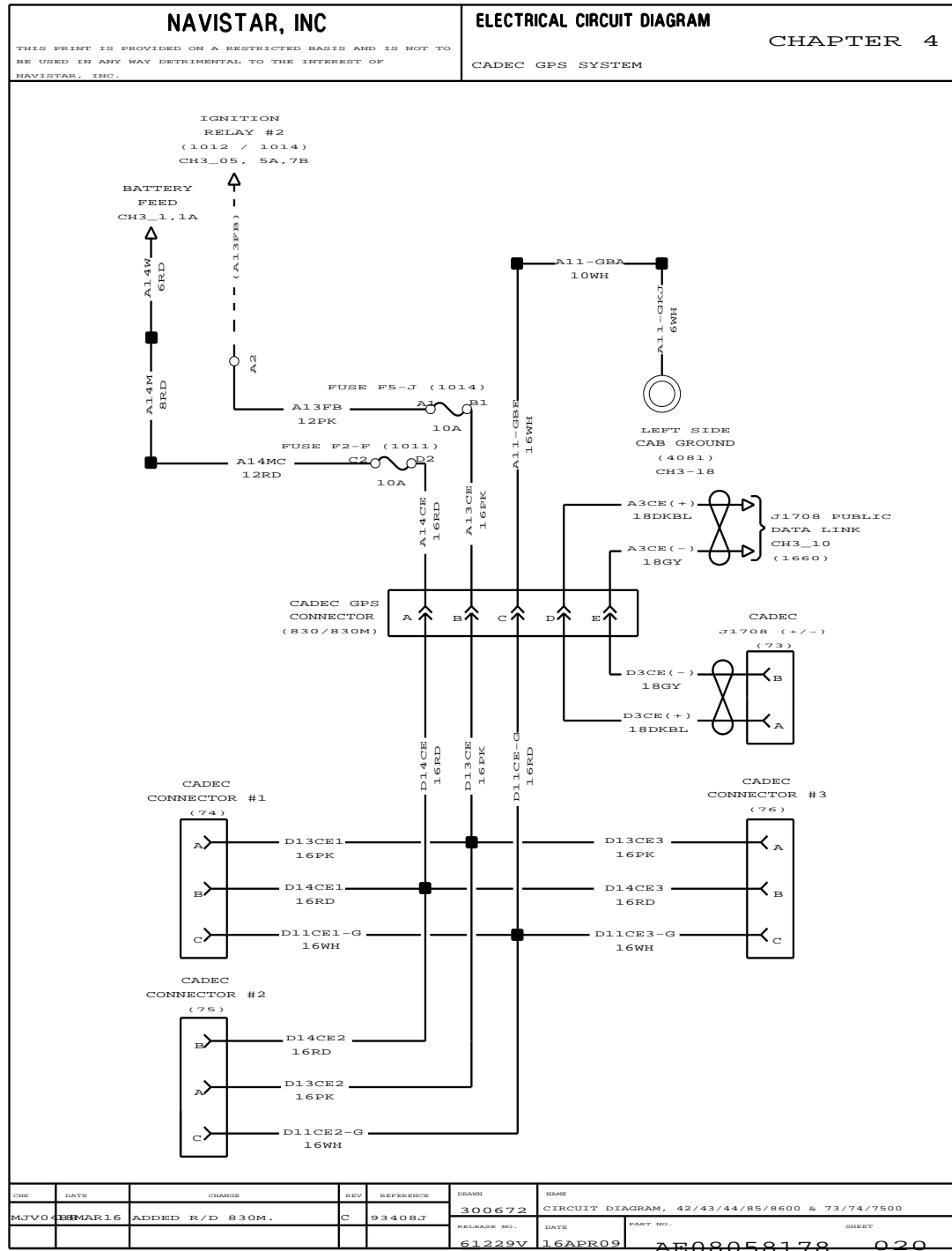


Figure 125 Cadec GPS System

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.24. SATELLITE COMMUNICATION – MOBILEMAX, P. 21

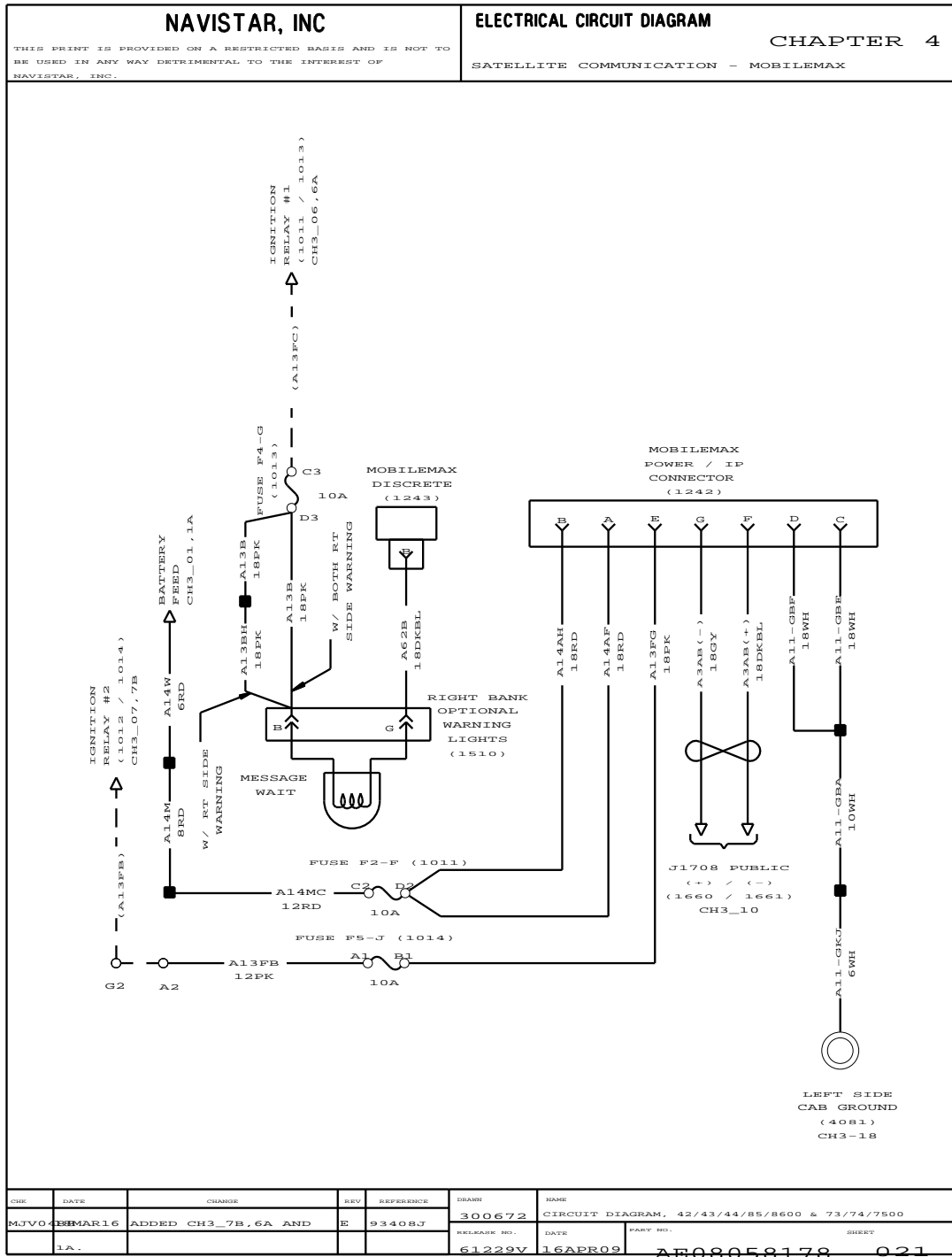


Figure 126 Satellite Communication – MobileMax

4.25. SELF CONTAINED AIR SEAT, P. 22

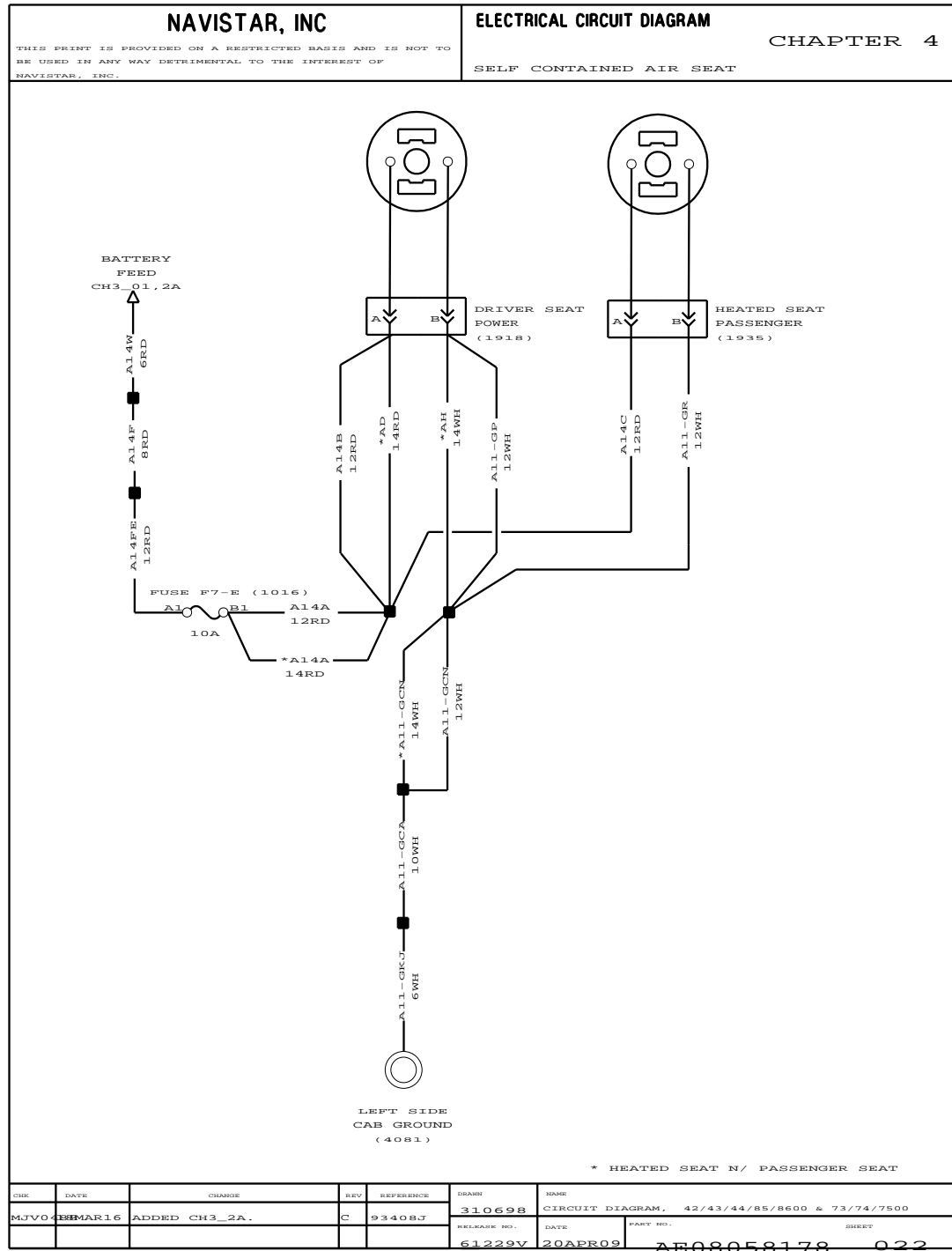


Figure 127 Self Contained Air Seat

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.26. HEATED SEATS, P. 23

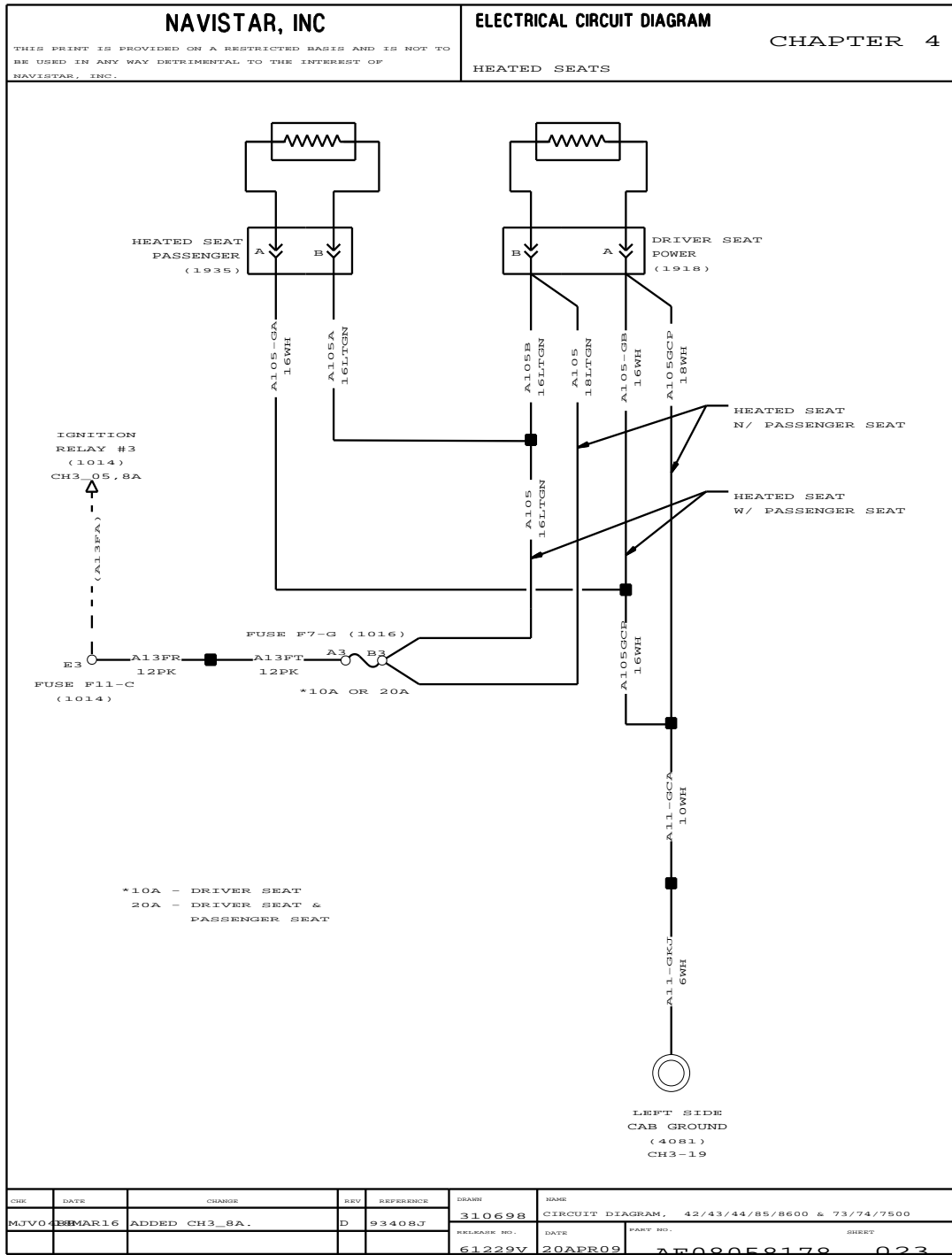


Figure 128 Heated Seats

4.27. INTENTIONALLY LEFT BLANK, P. 24

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

Figure 129 Intentionally Left Blank

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.28. INTENTIONALLY LEFT BLANK, P. 25

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<h1>INTENTIONALLY LEFT BLANK</h1>							
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	PART NO.
					61229V	15APR09	AE08058178 025

Figure 130 Intentionally Left Blank

4.29. BACK-UP CAMERA, P. 26

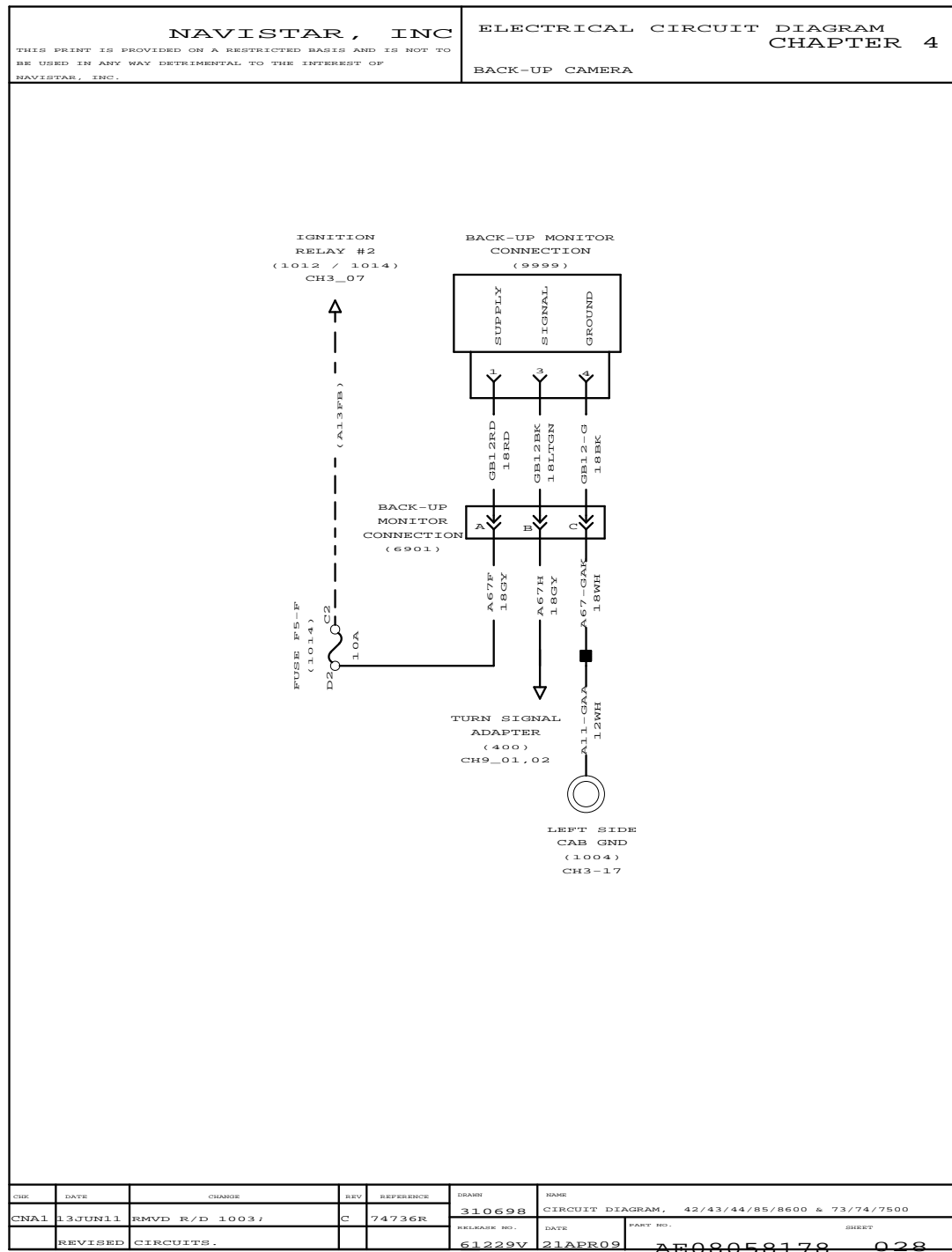


Figure 131 Back-Up Camera

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

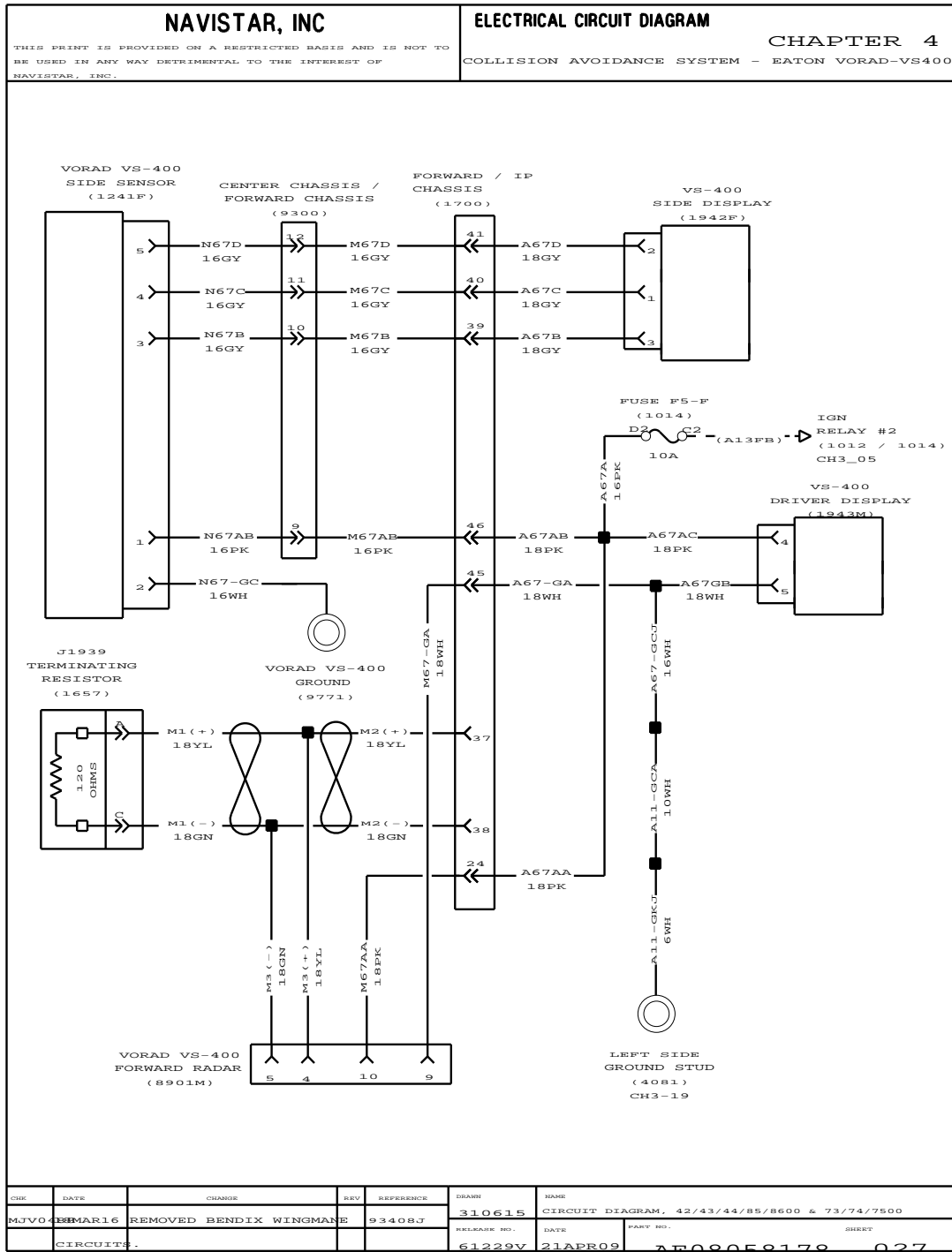


Figure 132 Eaton Vorad Collision Avoidance System VS400

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

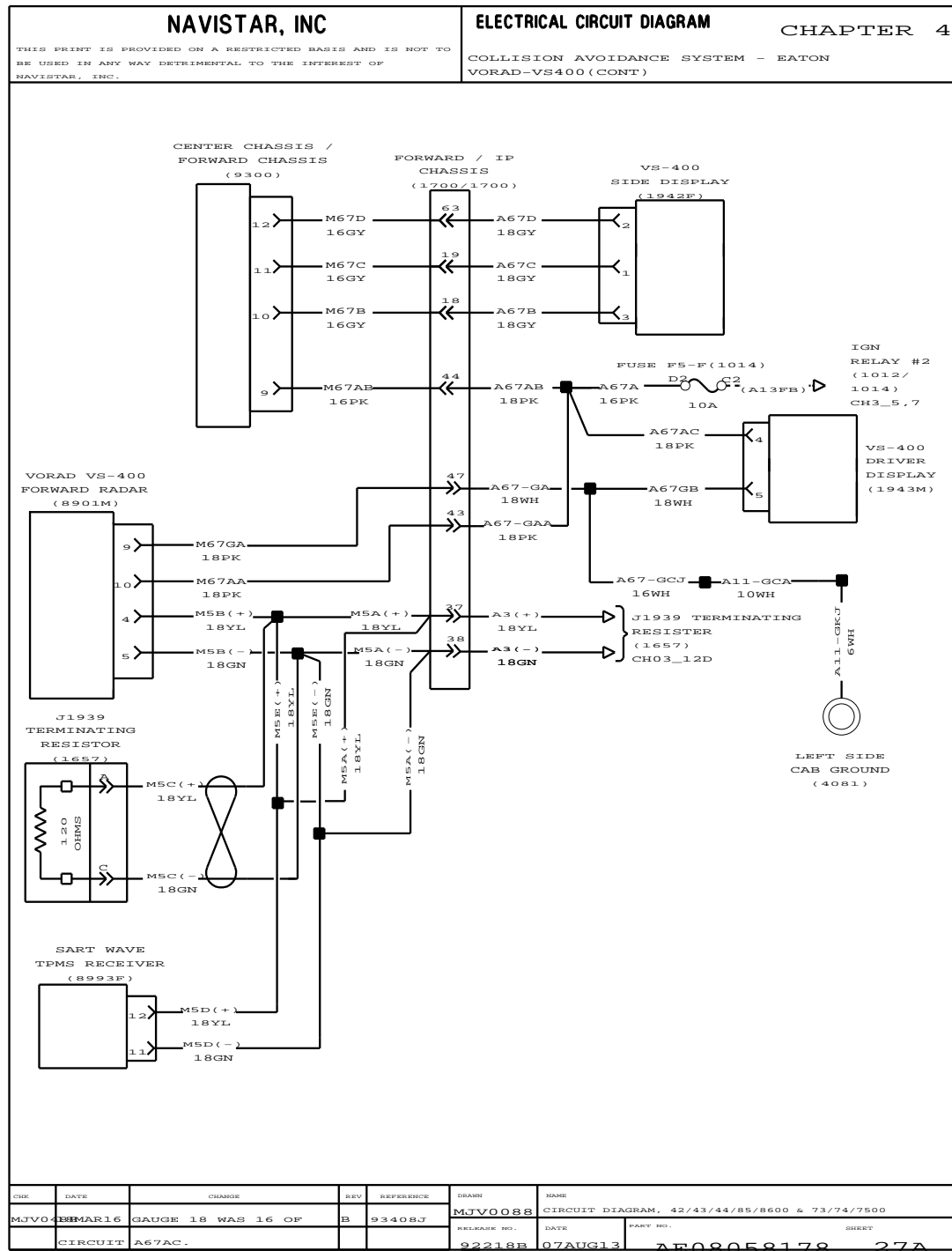


Figure 133 Eaton Vorad Collision Avoidance System VS400 (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

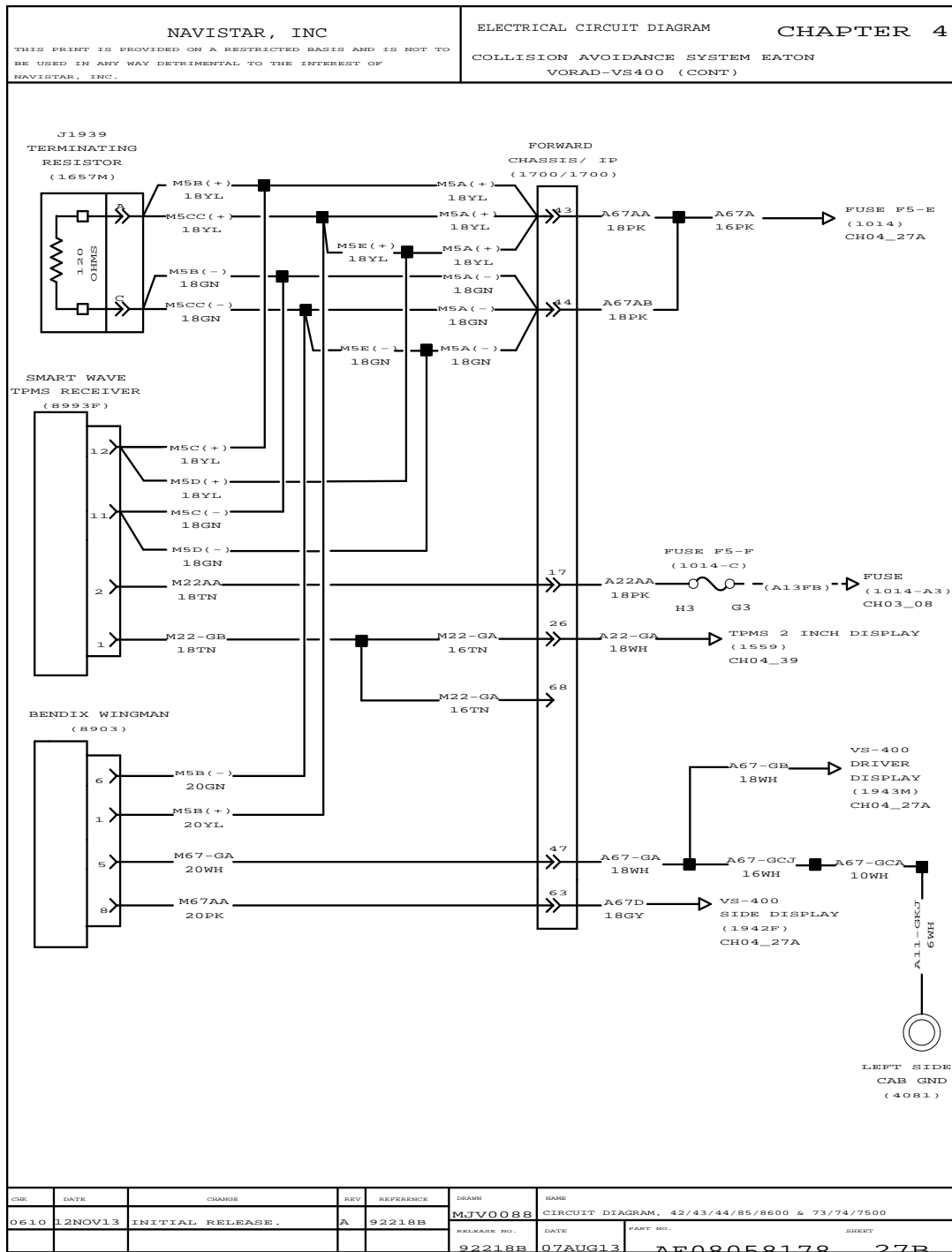


Figure 134 Eaton Vorad Collision Avoidance System VS400 (Cont.)

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

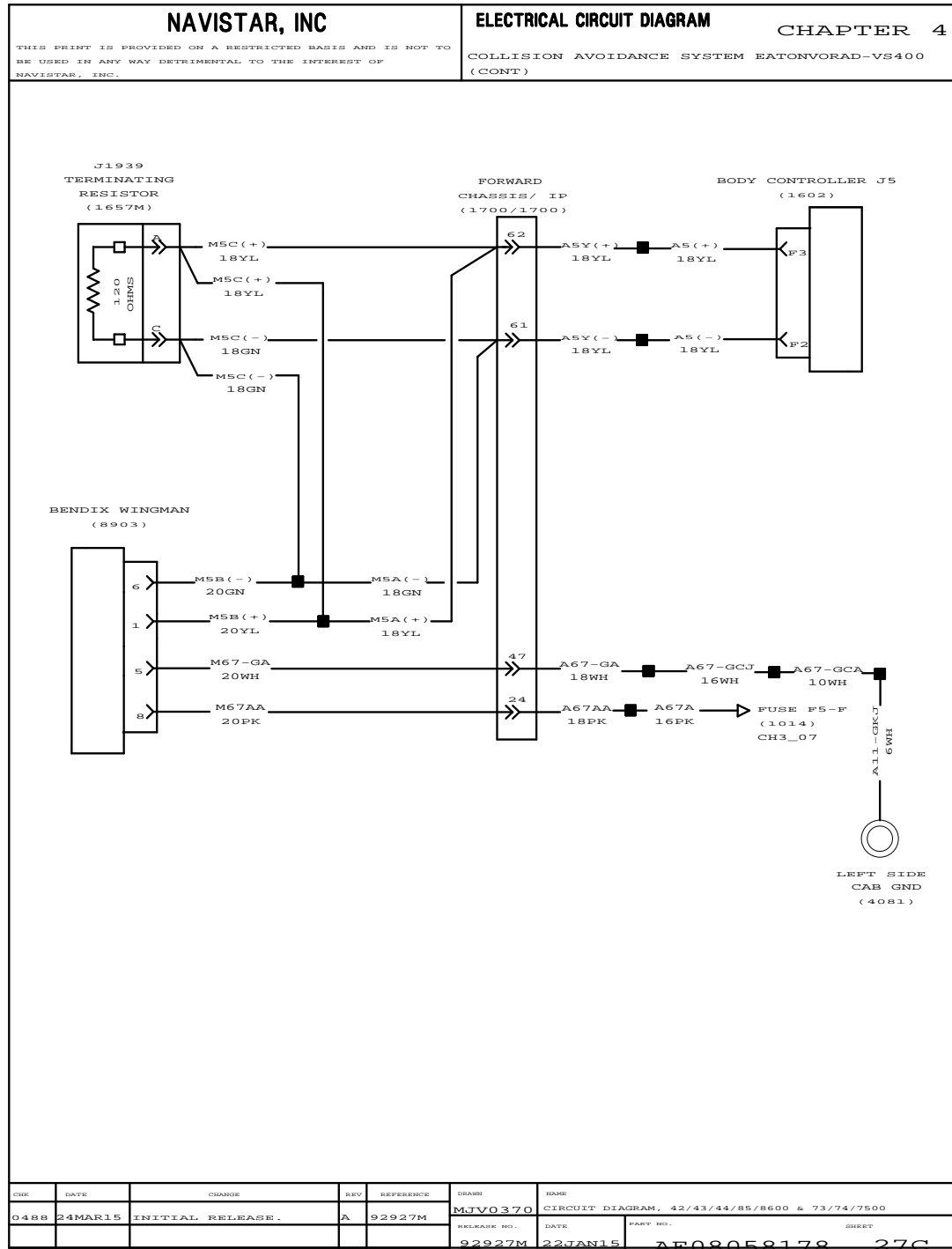


Figure 135 Collision Avoidance System Eaton Vorad VS400 (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.34. BACK-UP CAMERA, P. 28

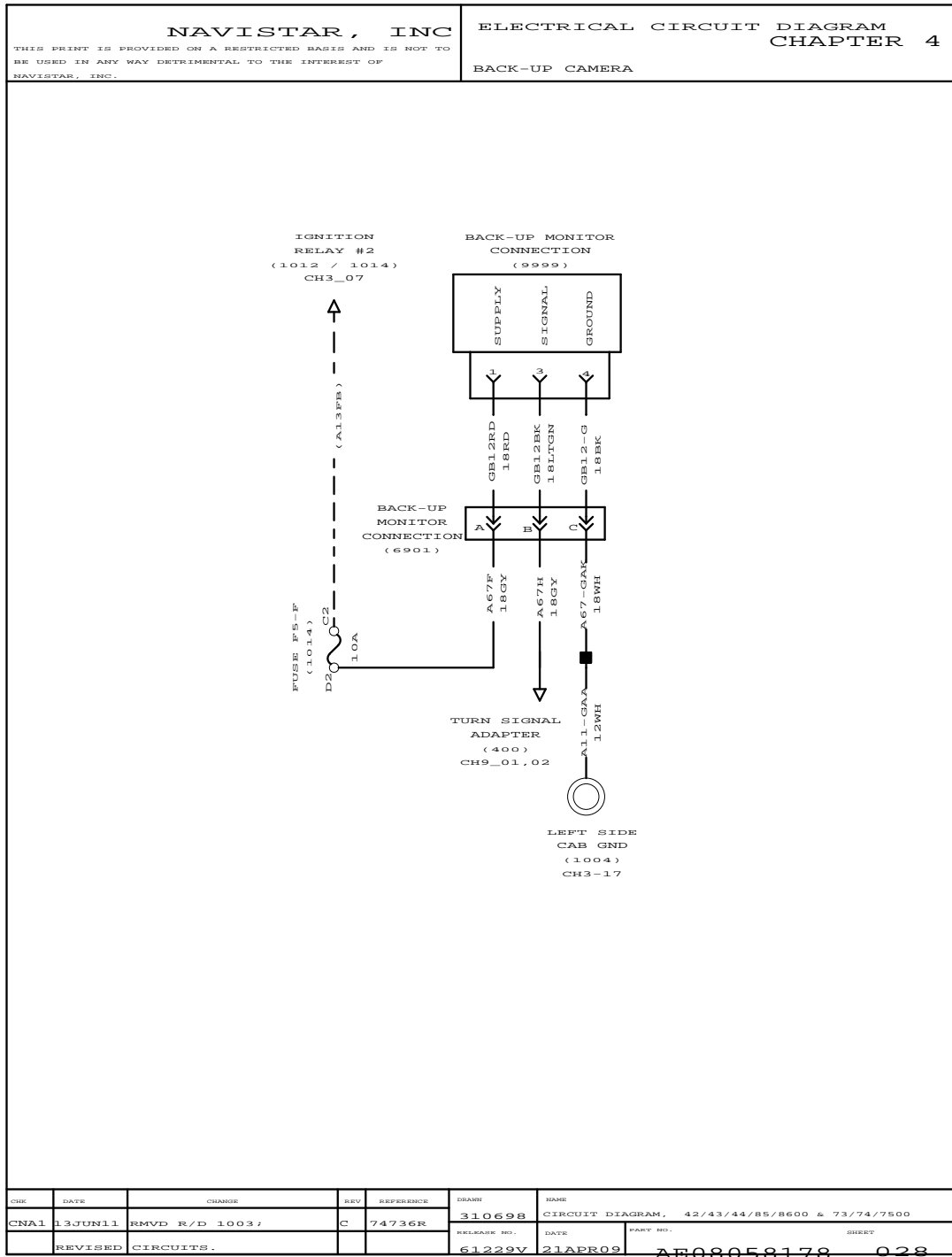


Figure 136 Back-Up Camera

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

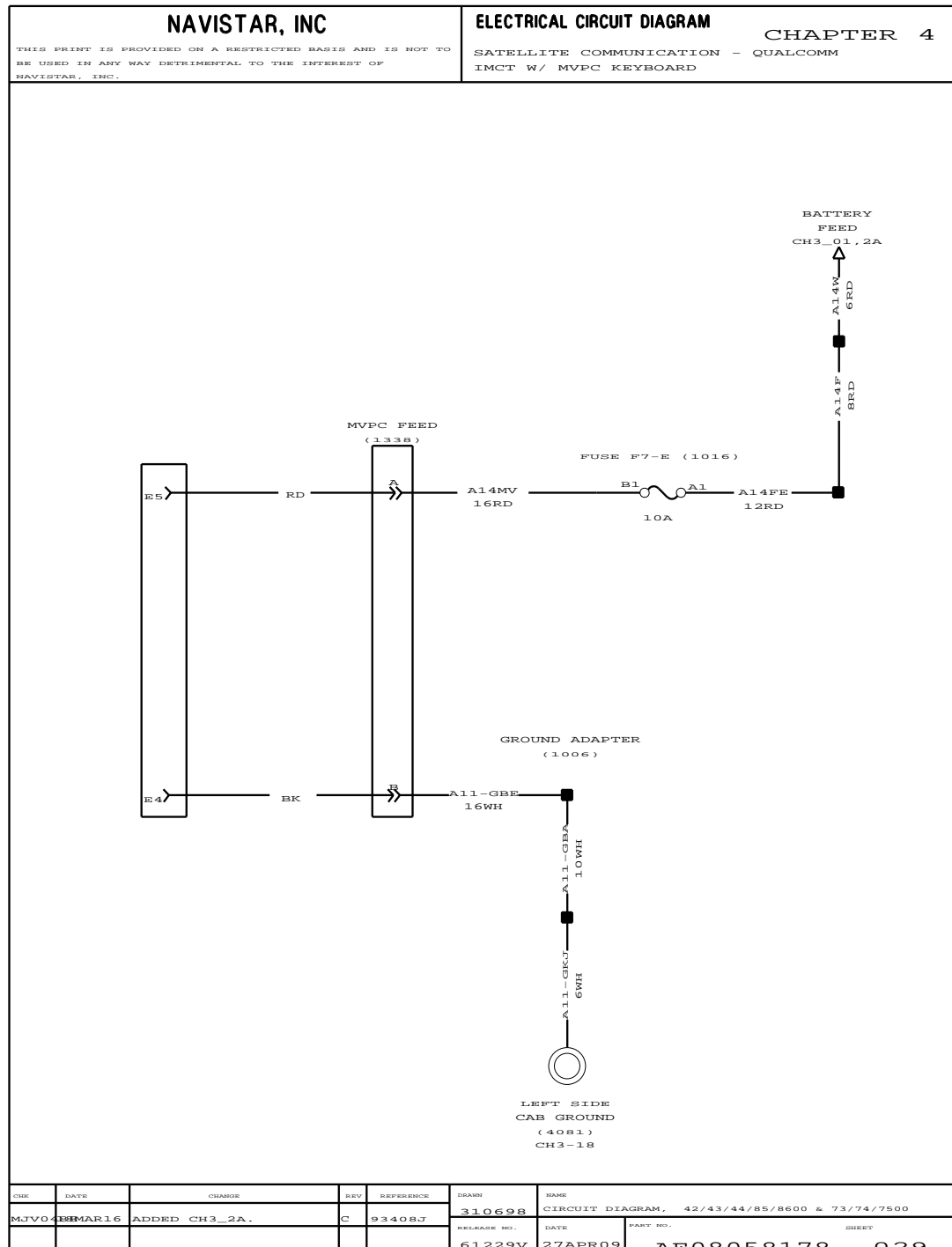


Figure 137 Satellite Communication – Qualcomm IMCT with MVPC Keyboard

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.36. AIR SHIELD LIGHT, P. 30

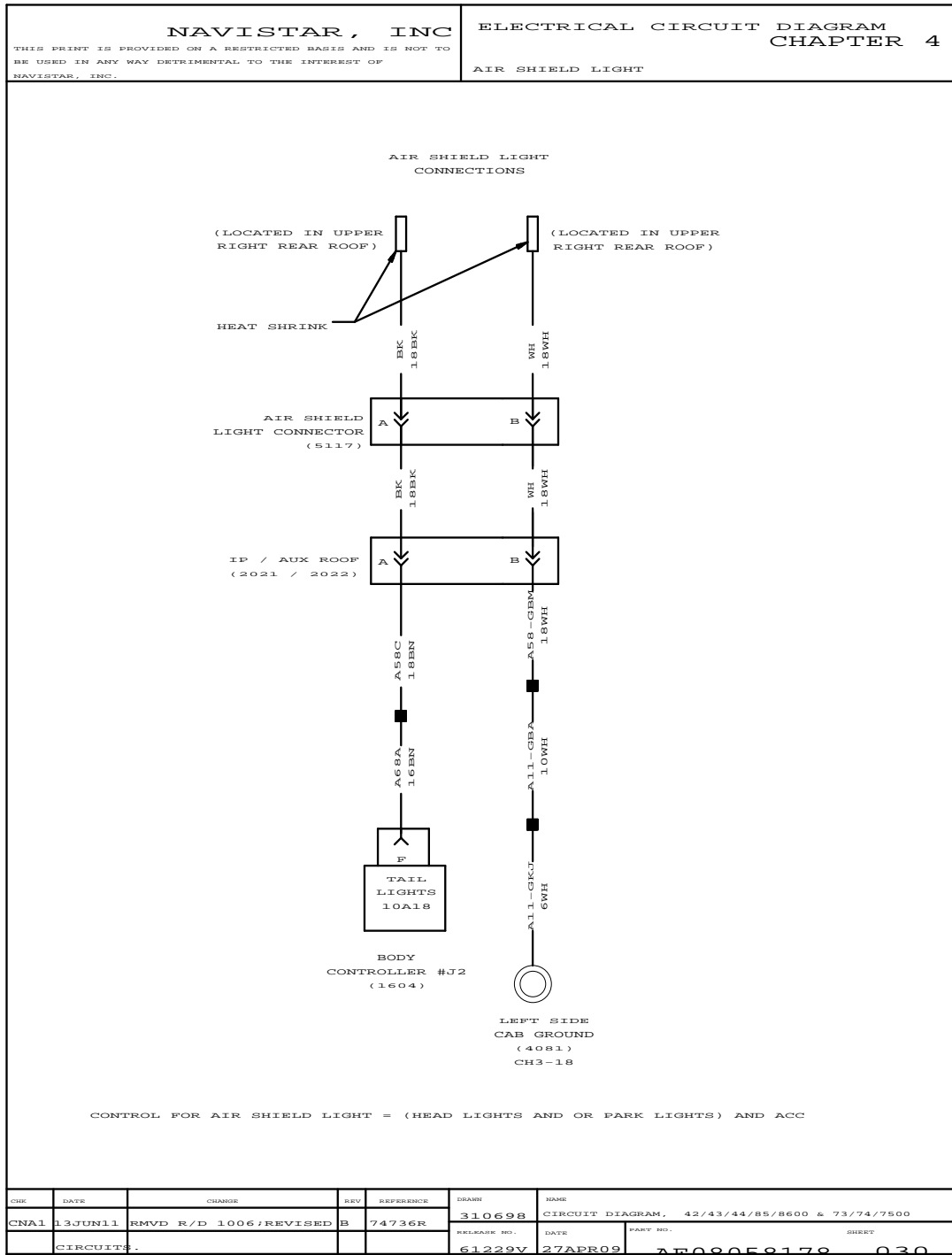


Figure 138 Air Shield Light

4.37. SATELLITE COMMUNICATION – QUALCOMM OMNIVISION, P. 31

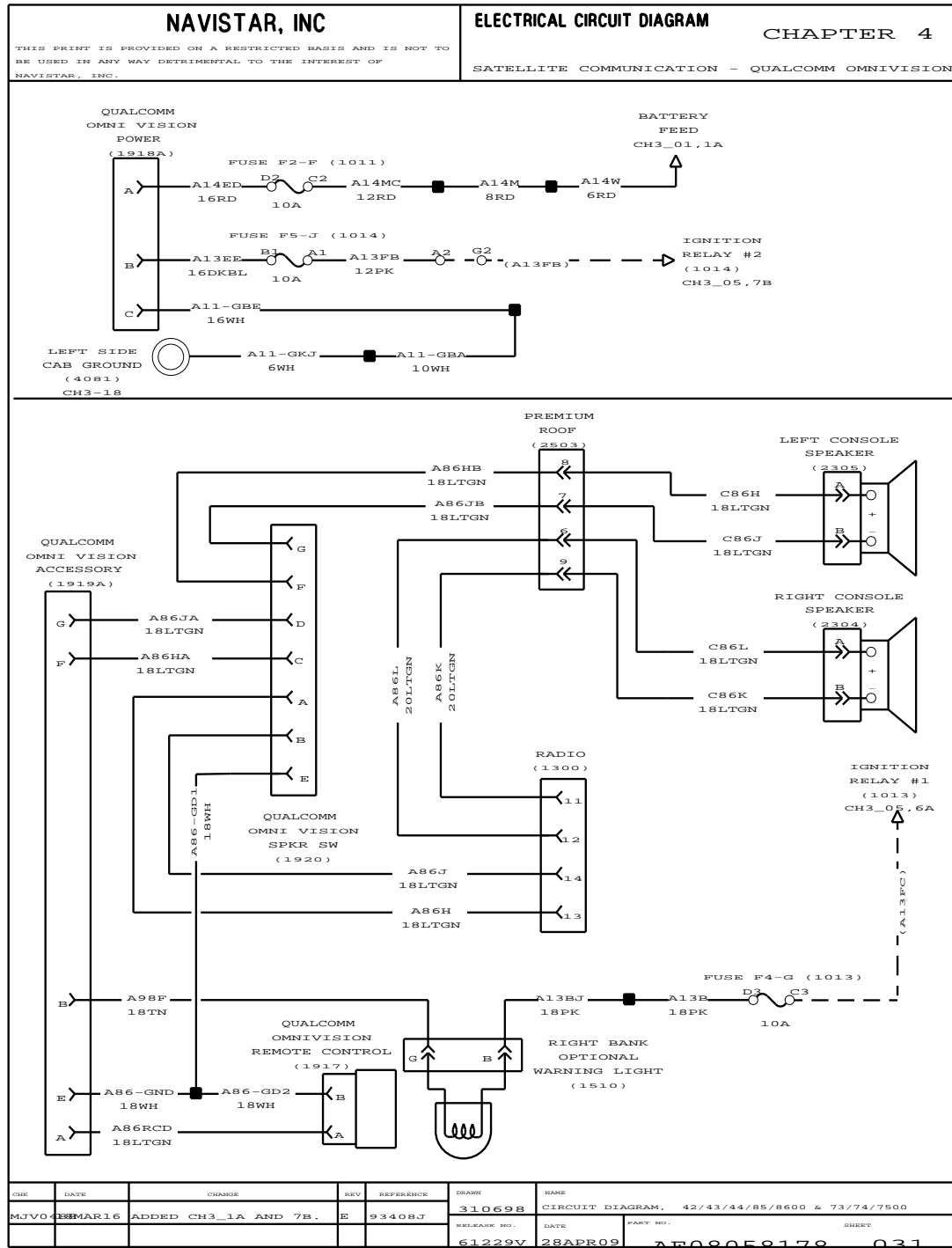


Figure 139 Satellite Communication – Qualcomm Omnivision

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

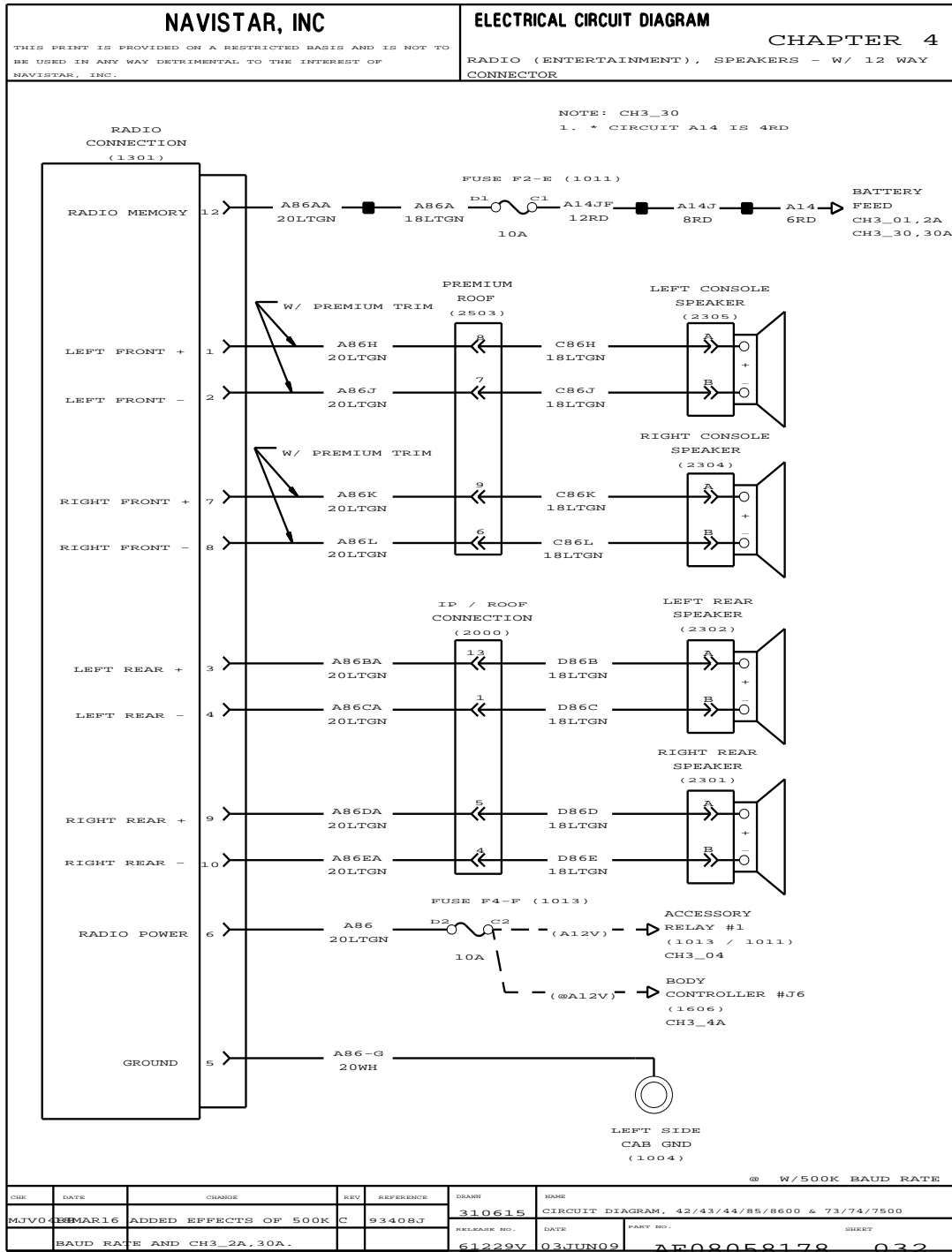


Figure 140 Radio (Entertainment), Speakers – with 12 Way Connector

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

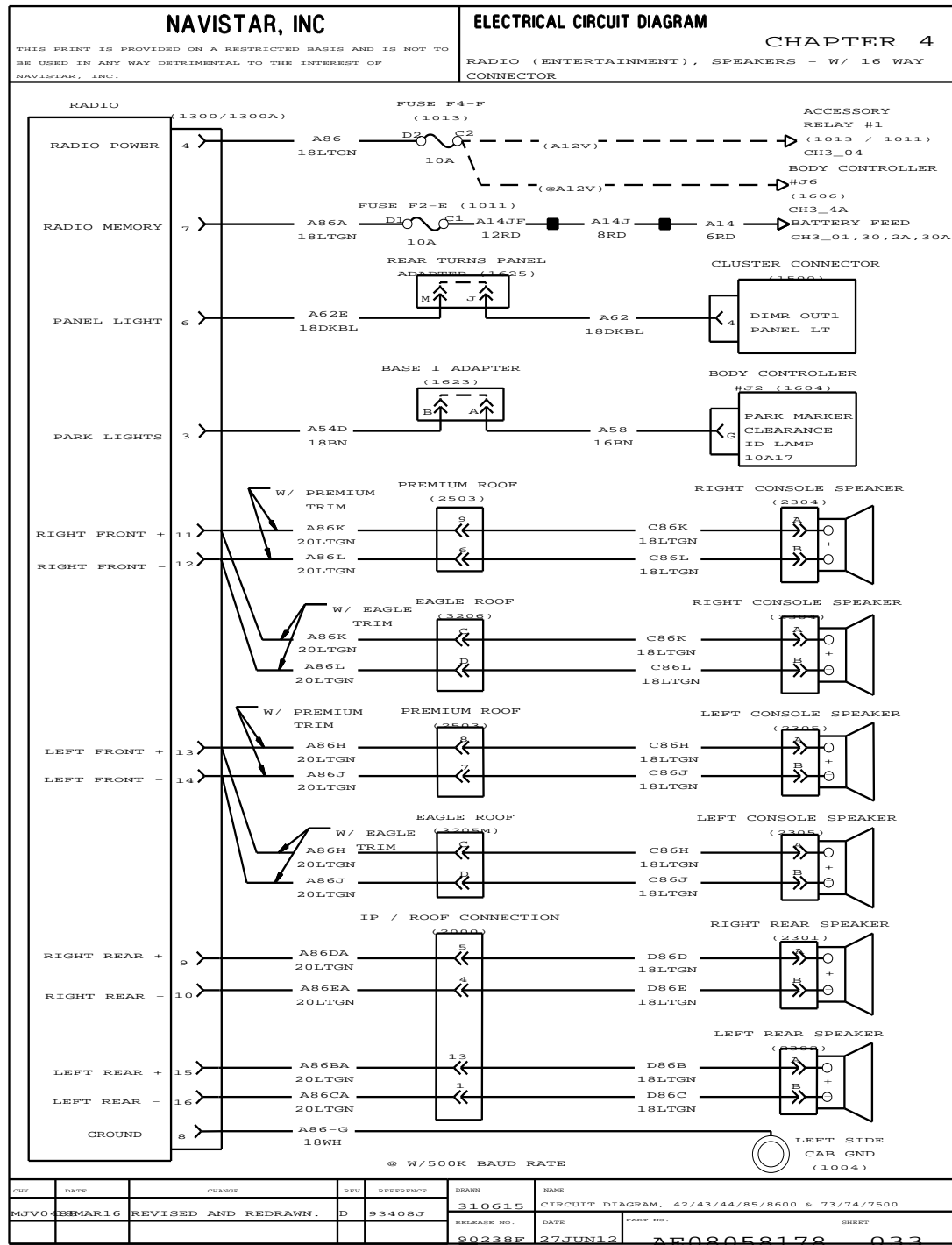


Figure 141 Radio (Entertainment), Speakers – with 16 Way Connector

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

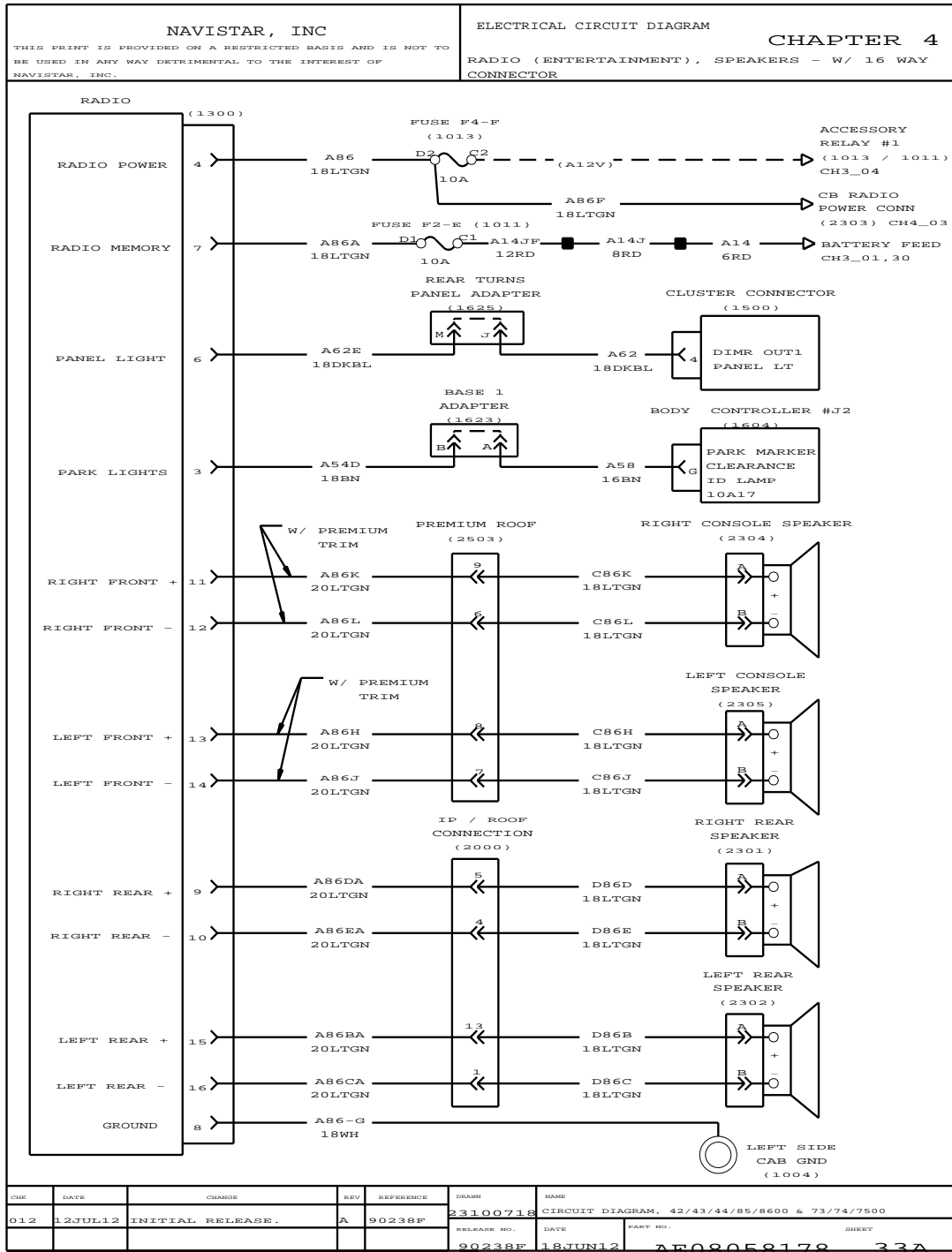


Figure 142 Radio (Entertainment), Speakers – with 16 Way Connector

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

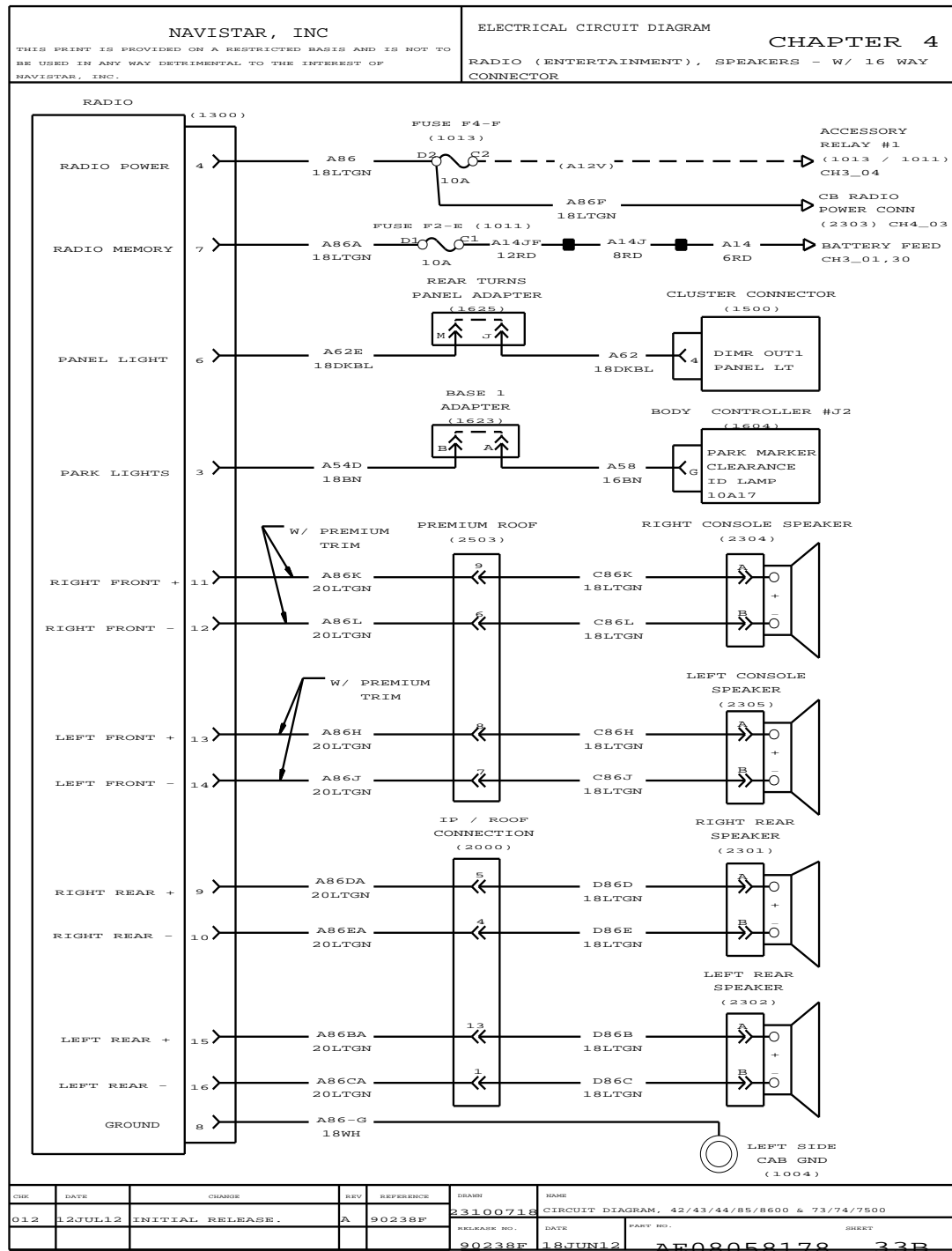


Figure 143 Radio (Entertainment), Speakers – with 16 Way Connector

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

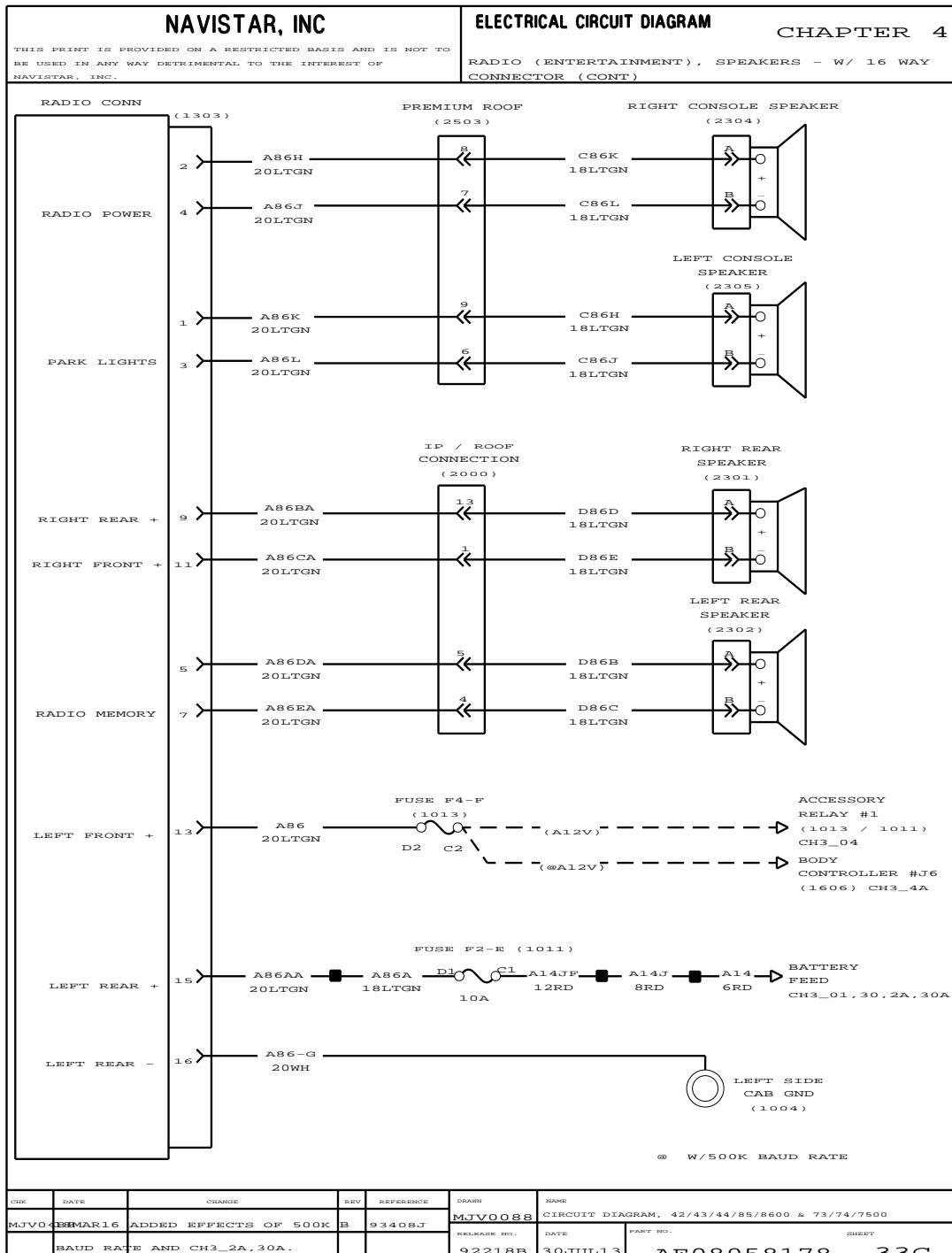


Figure 144 Radio (Entertainment), Speakers – with 16 Way Connector (Cont.)

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

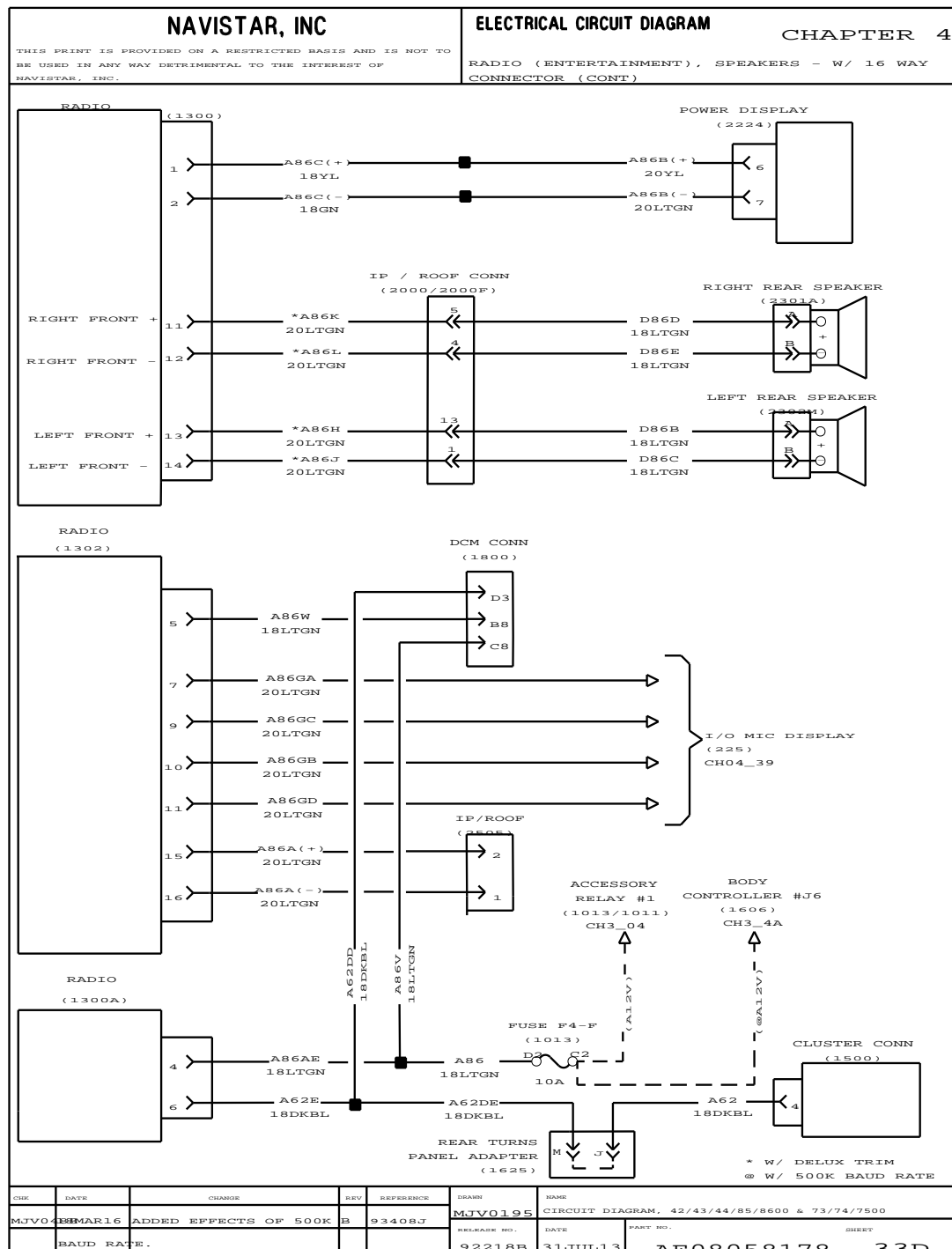


Figure 145 Radio (Entertainment), Speakers – with 16 Way Connector (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.44. SEATBELT AND SEAT SENSOR, P. 34

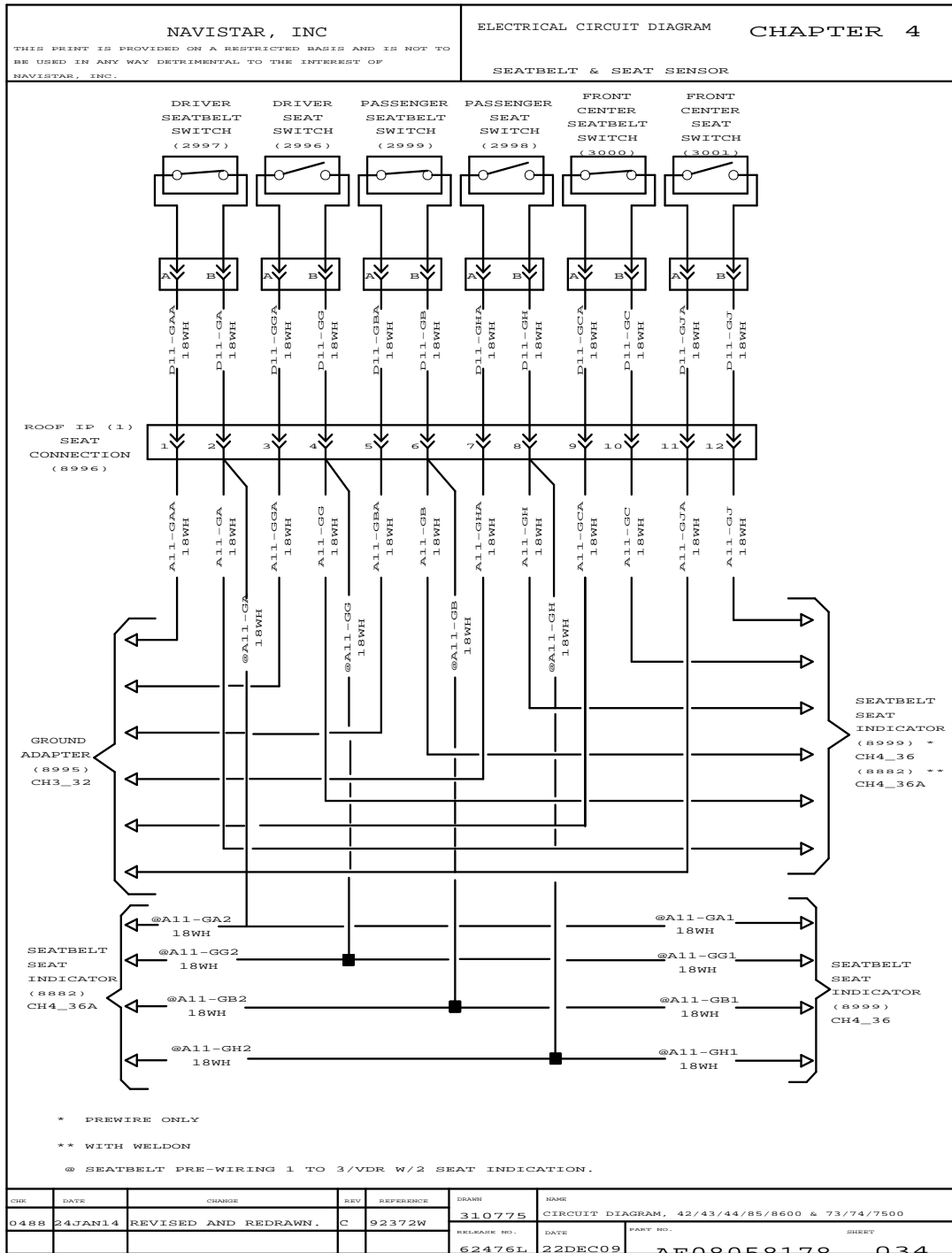


Figure 146 Seatbelt and Seat Sensor

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

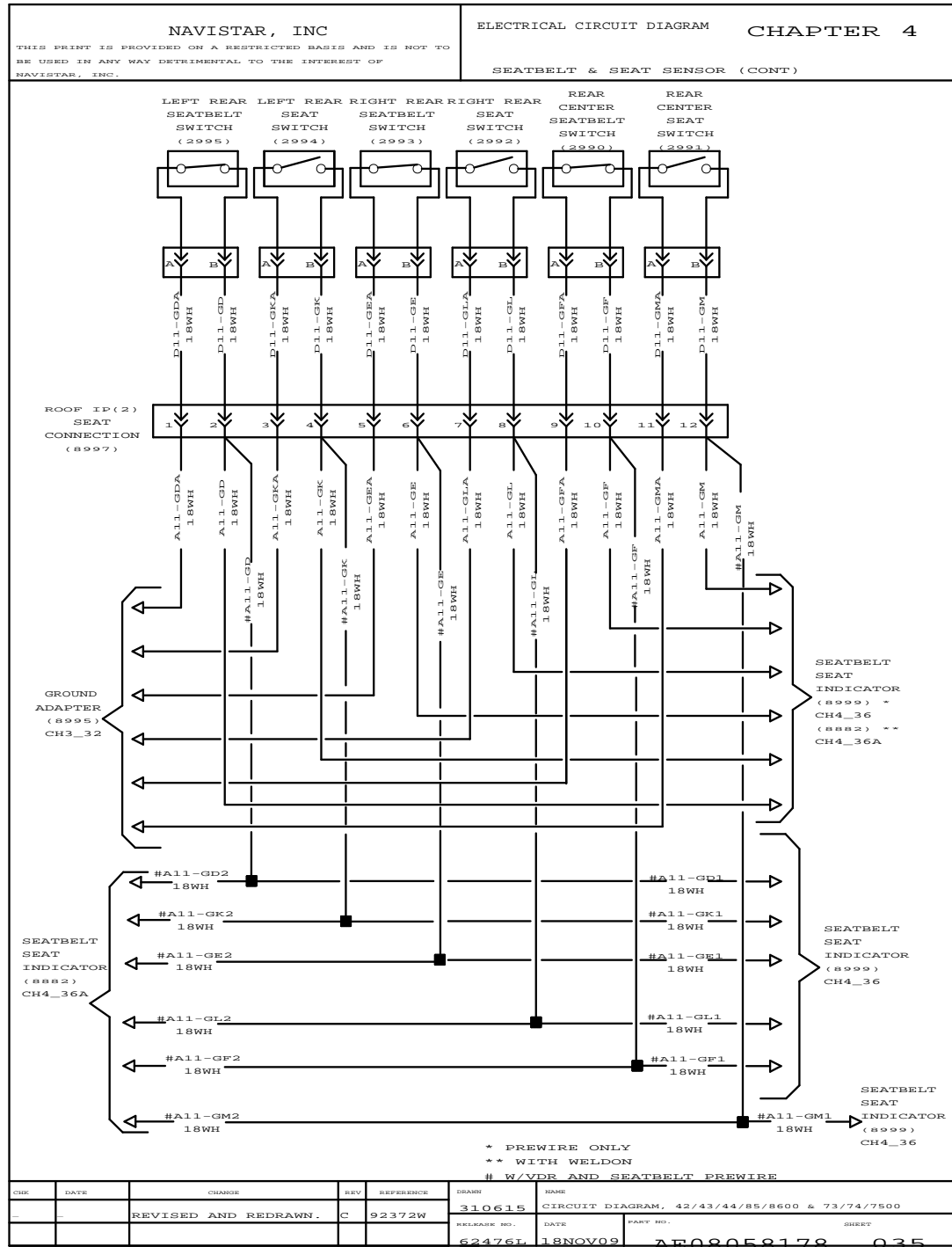


Figure 147 Seatbelt and Seat Sensor (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

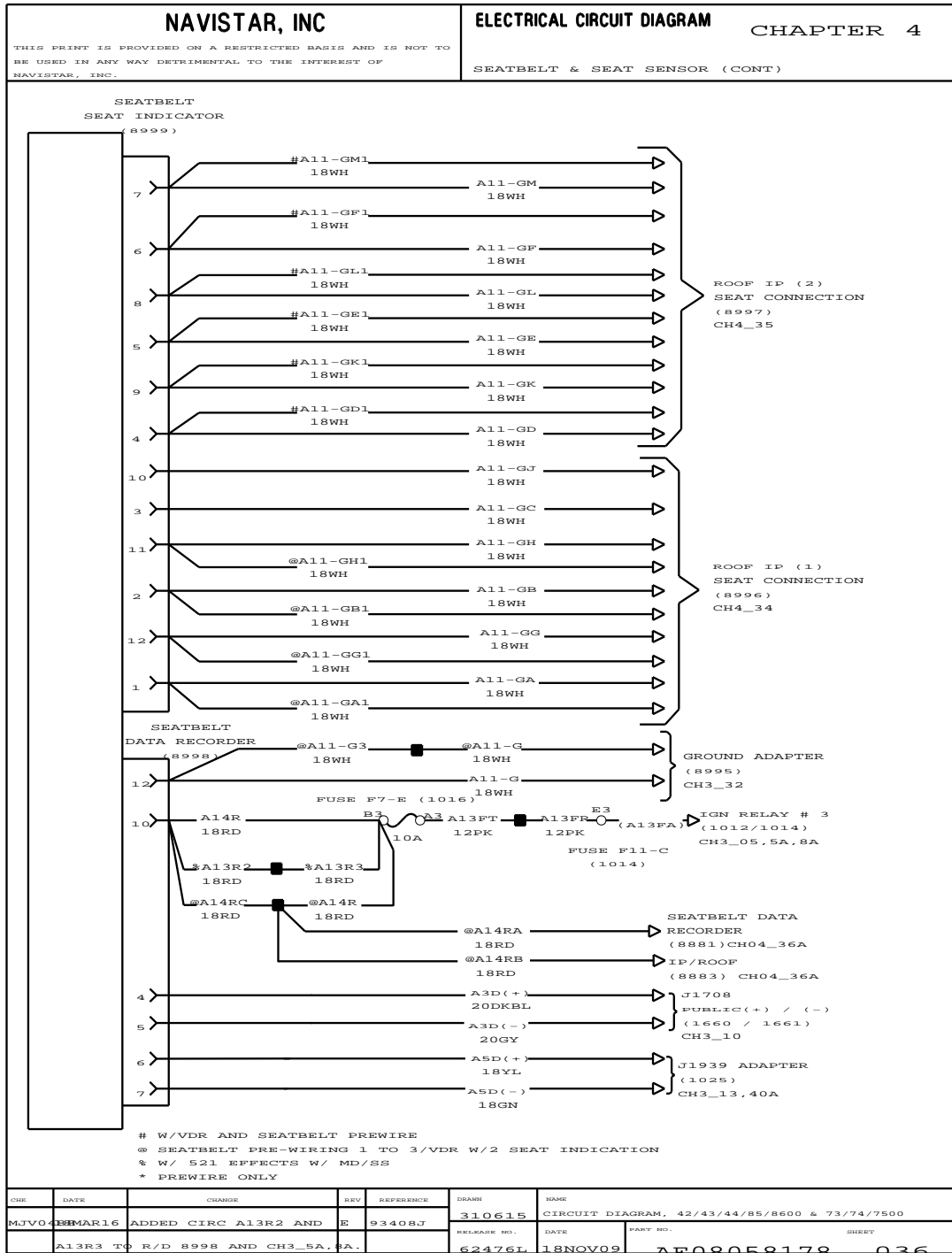


Figure 148 Seatbelt and Seat Sensor (Cont.)

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

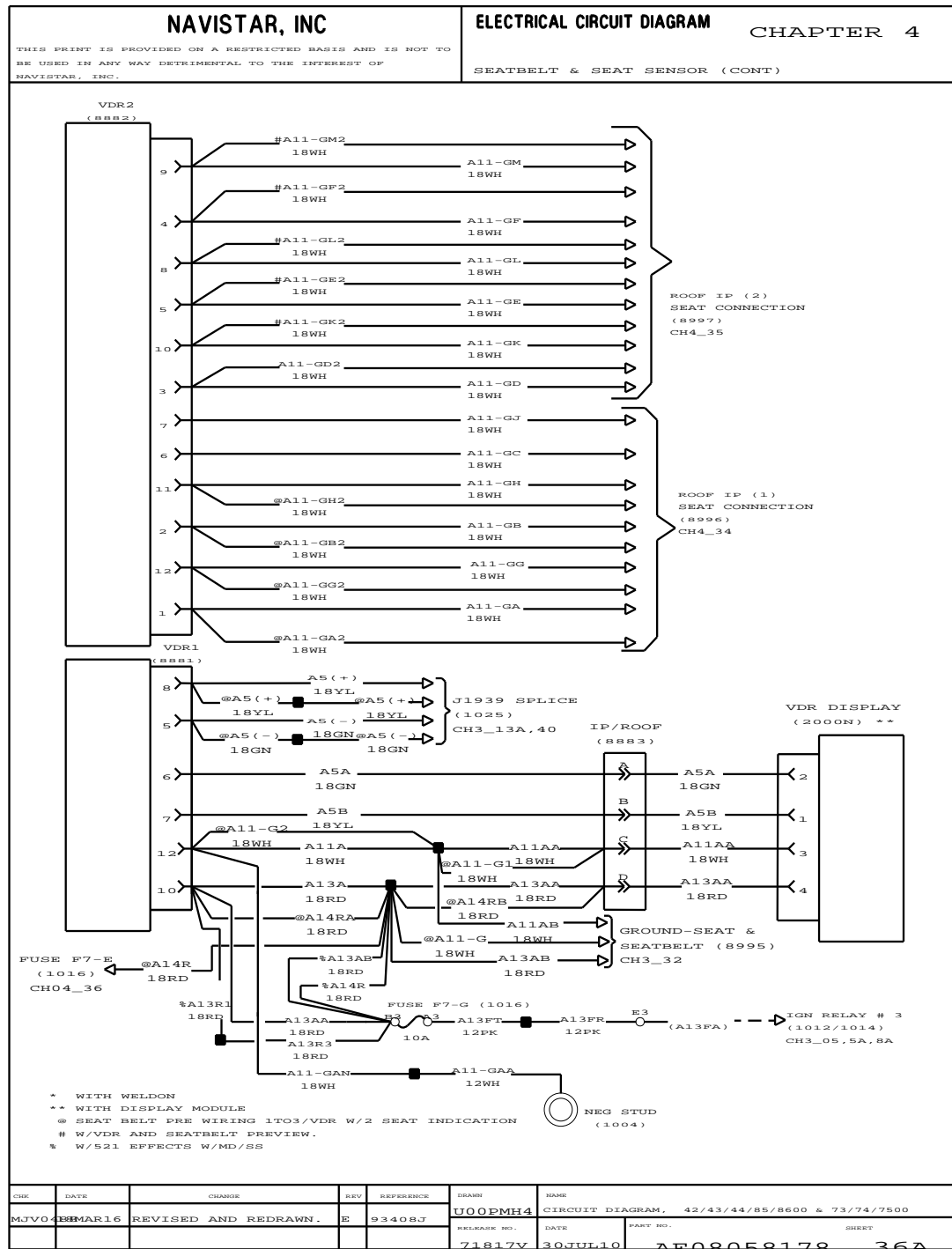


Figure 149 Seatbelt and Seat Sensor (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.48. PASS CODE, P. 37

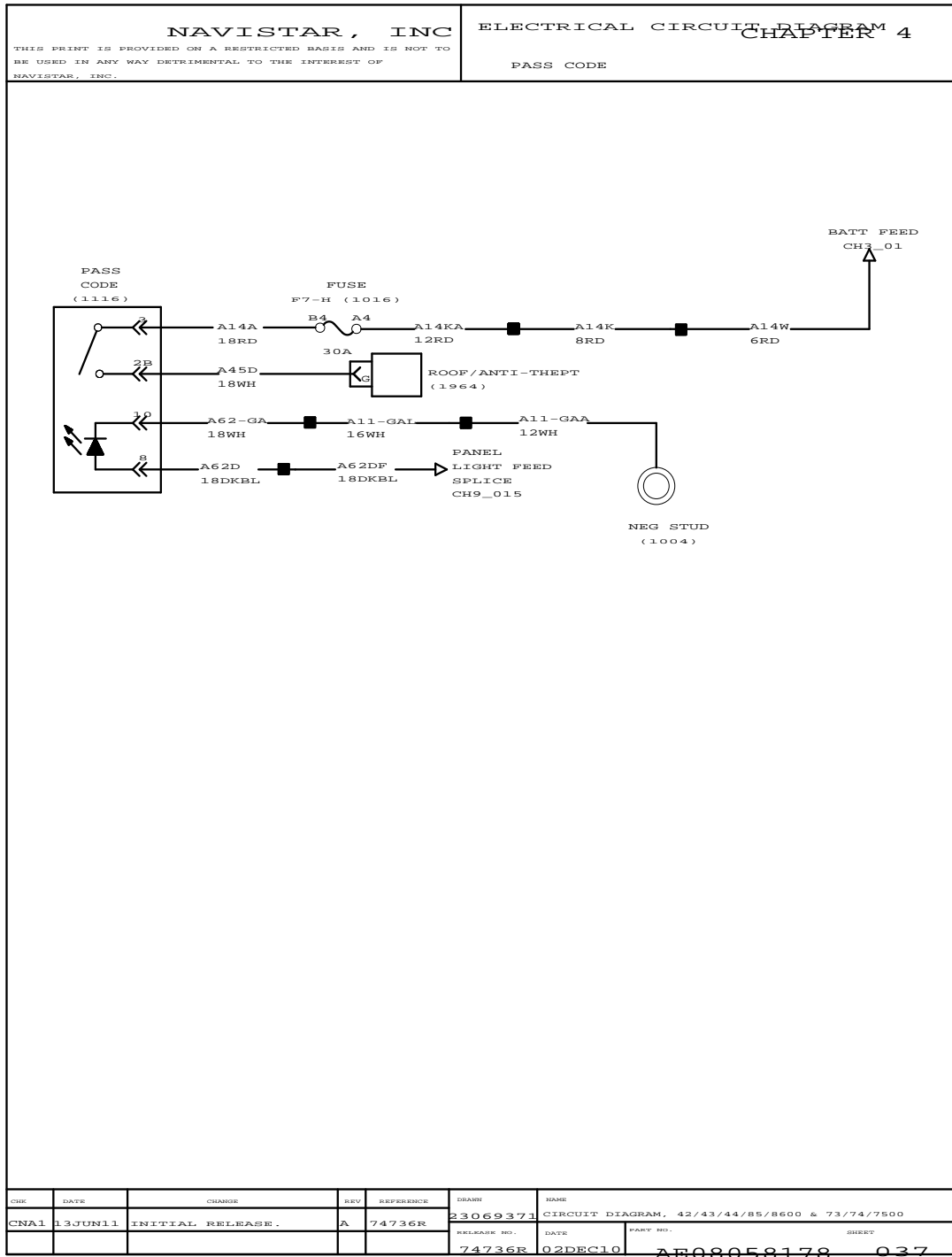


Figure 150 Pass Code

4.49. DRIVER DISPLAY – VEHICLE INFORMATION, P. 38

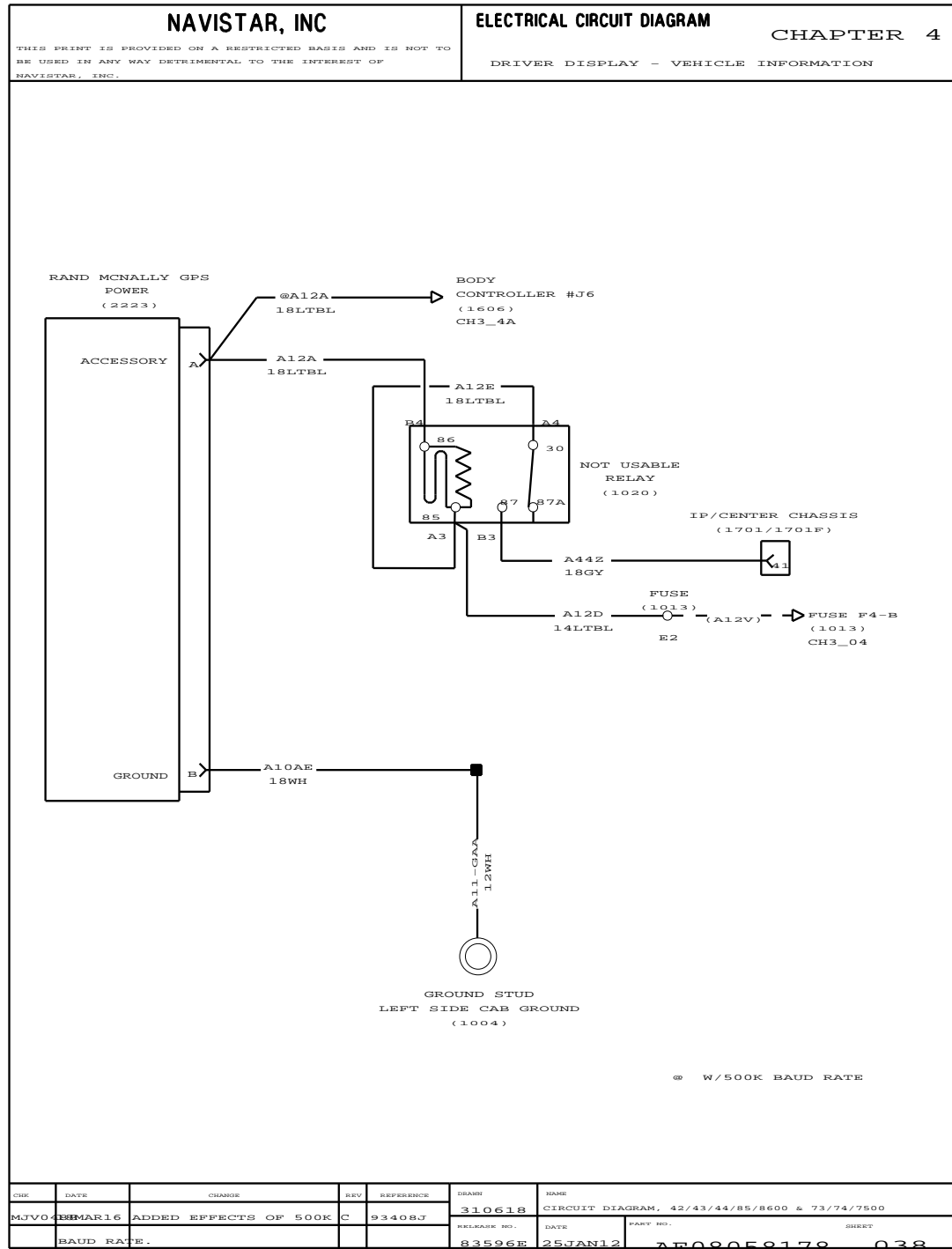


Figure 151 Driver Display – Vehicle Information

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

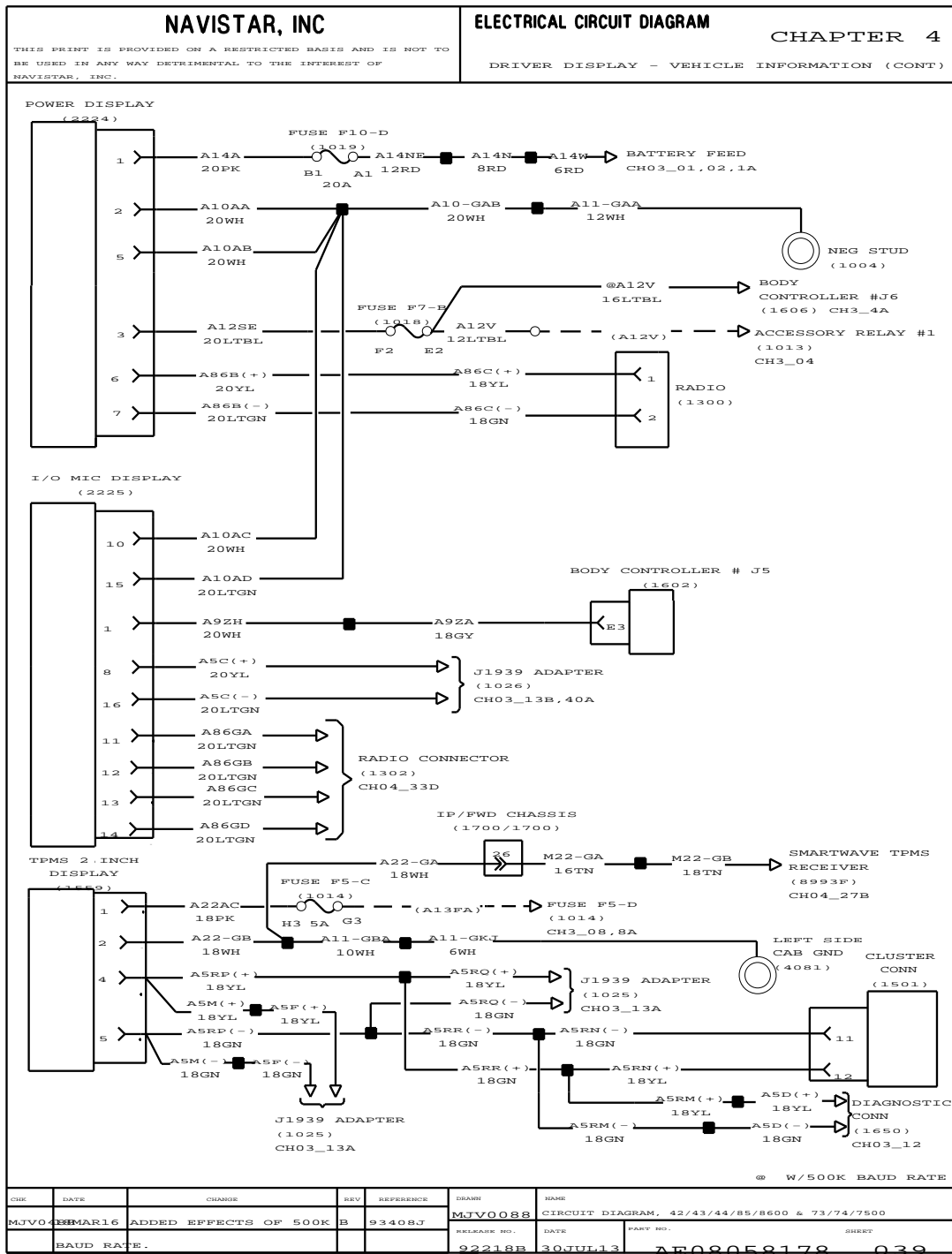


Figure 152 Driver Display – Vehicle Information (Cont.)

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 4

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DUAL POWER TAKE OFF

PTO (7800) CH10_25

PTO (7801) CH10_25

IP/ENGINE (1702/1702)

K88 18LTGN

K88A 18LTGN

A88B 18LTGN

A88C 18LTGN

A88V 18LTGN

A88A 18LTGN

A9ZC 18GY

A9ZB 18GY

A9ZA 18GY

OPTIONAL RELAY 1 (1873C)

PTO B RELAY (1873D)

FUSE (1014)

IGNITION RELAY #2 (1014) CH03_05, 7B

BODY CONTROLLER #J5 (1602)

F14

F15

E3

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJV04	16MAR16	ADDED CH3_7B.	B	93408J	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					92218B	30JUL13
						AF08058178
						040

Figure 153 Dual Power Take Off

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

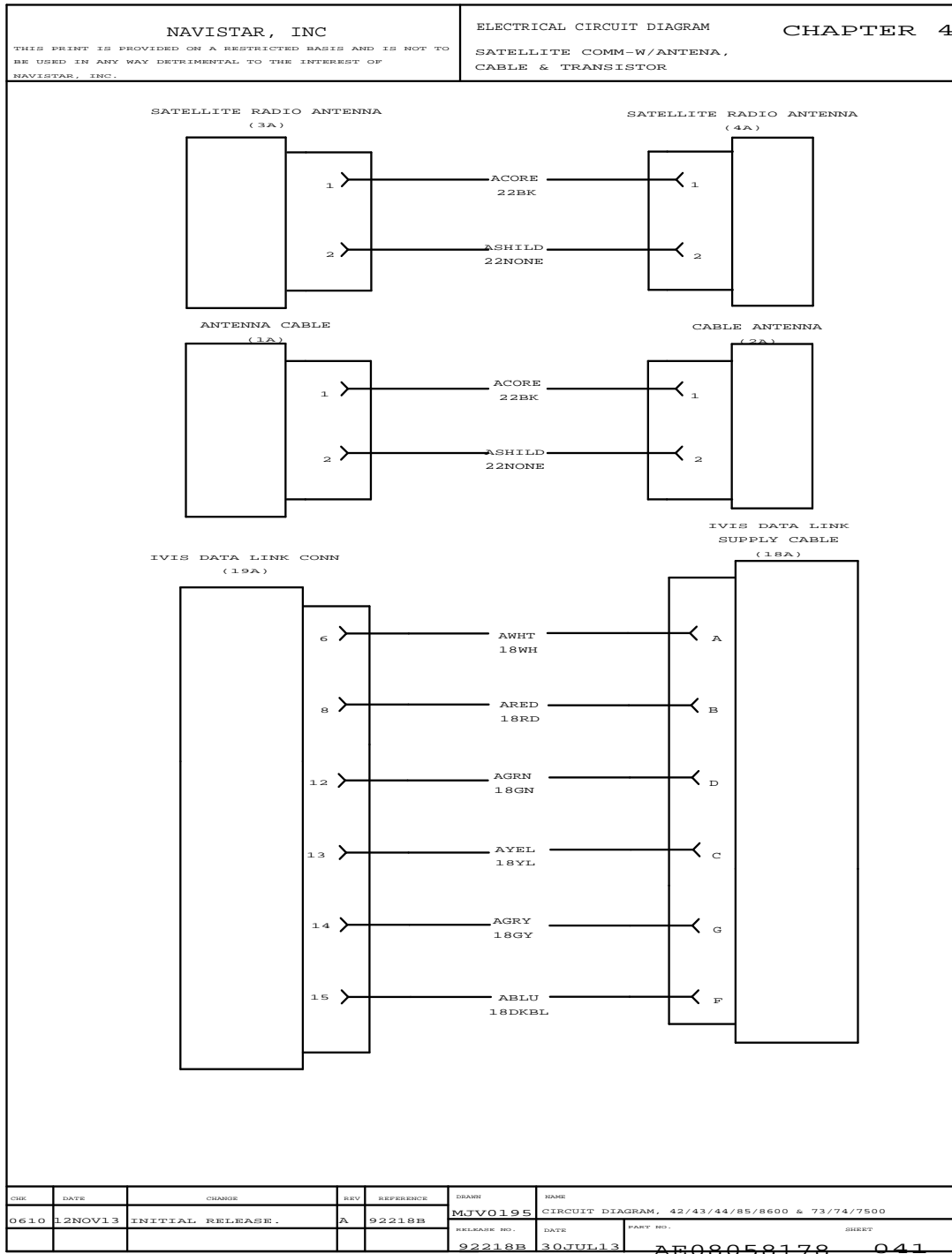


Figure 154 Satellite Comm with Antenna, Cable and Transistor

4.53. DATA LINK TRANSLATOR, P. 42

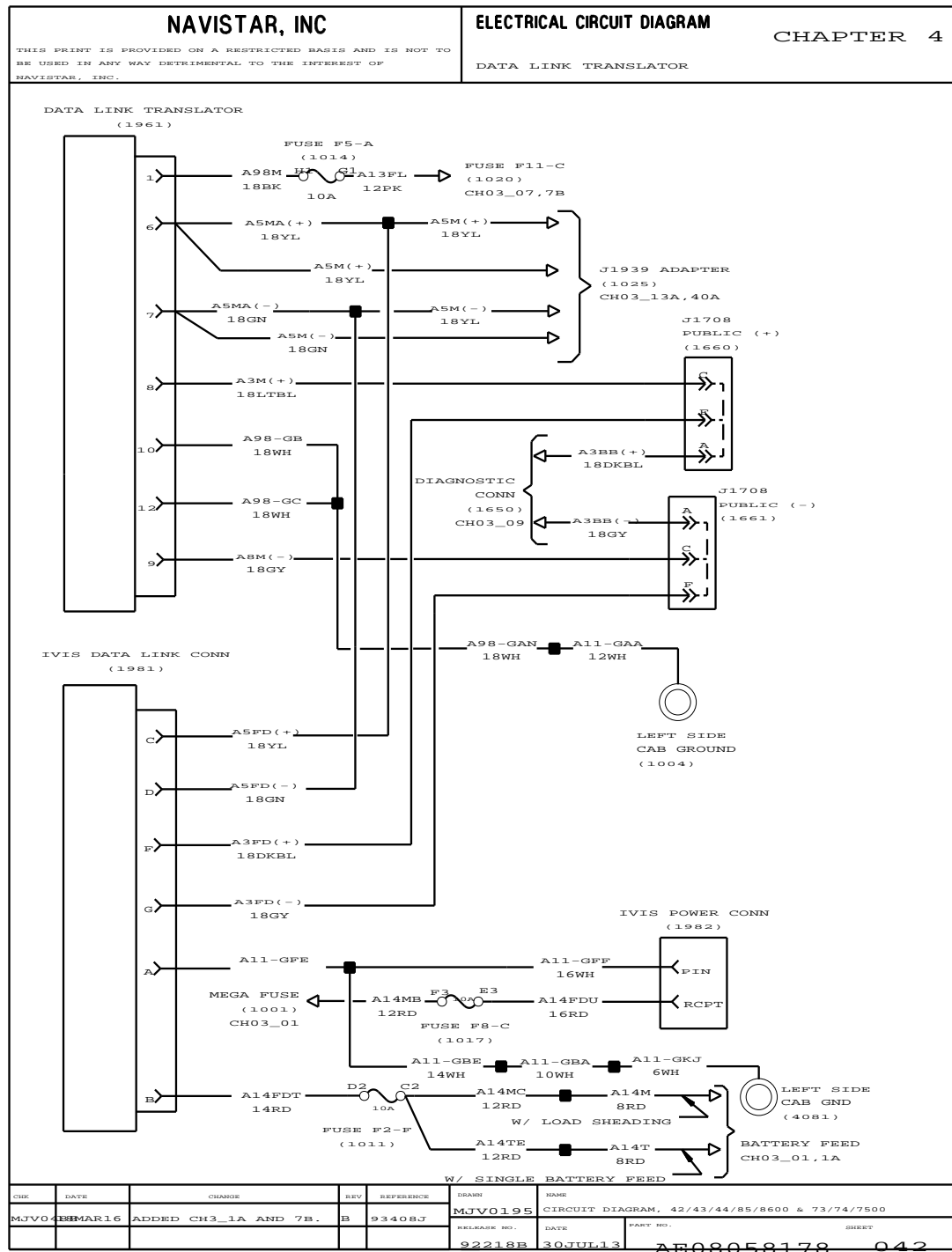


Figure 155 Data Link Translator

ELECTRICAL CIRCUIT DIAGRAM MANUAL

4.54. PEOPLENET COMMUNICATIONS, P. 43

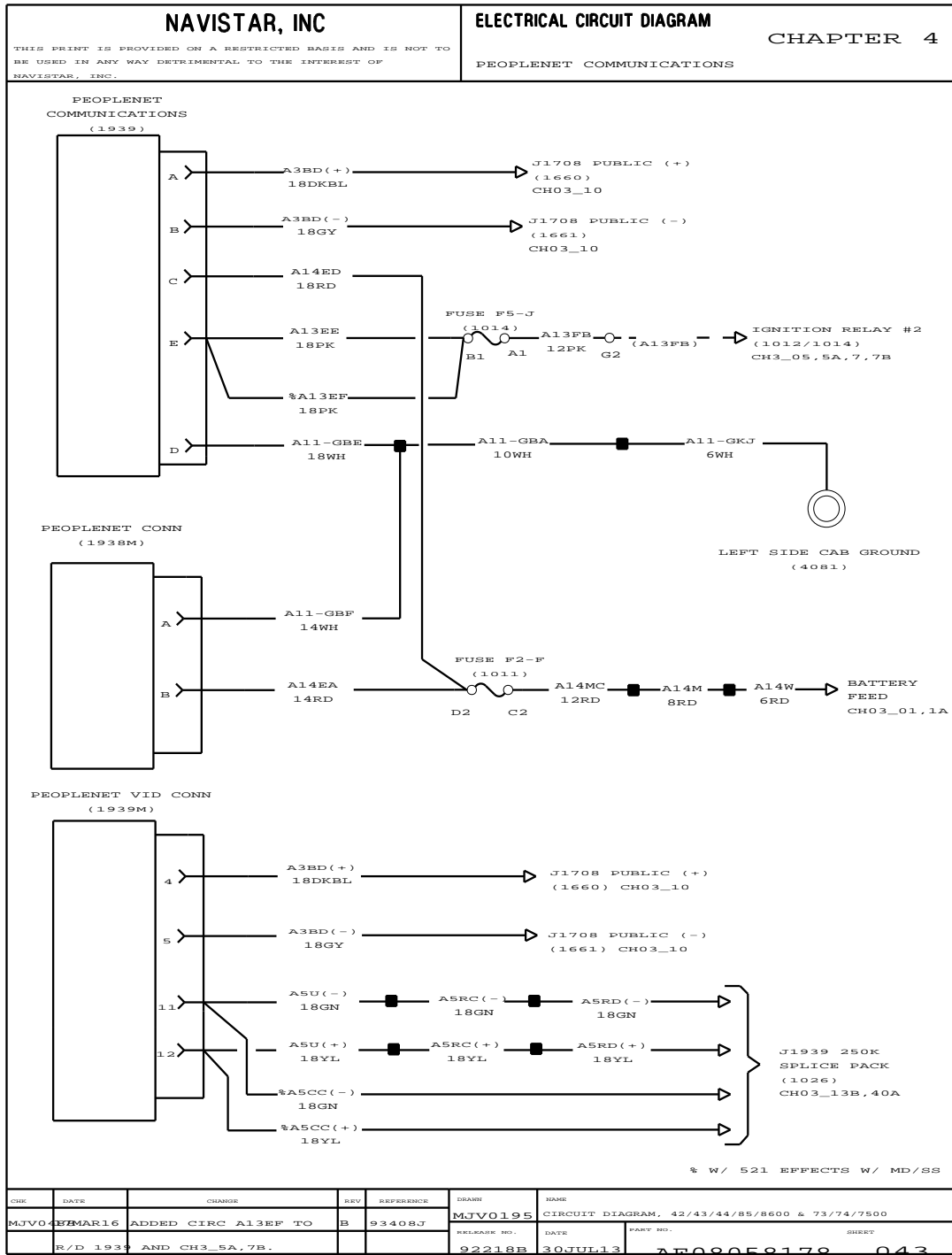


Figure 156 Peoplenet Communications

4.55. BENDIX WINGMAN SYSTEM, P. 44

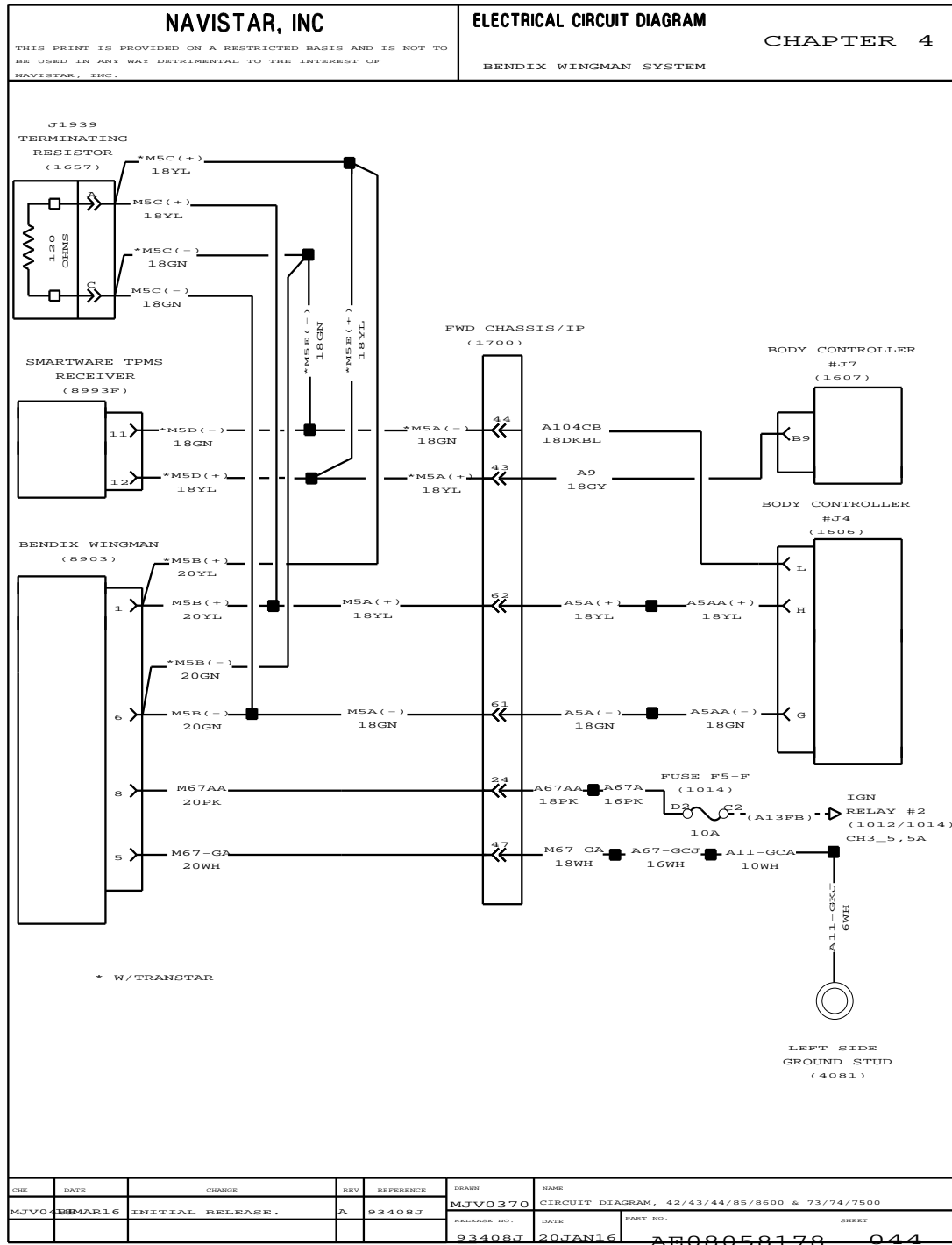


Figure 157 Bendix Wingman System

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

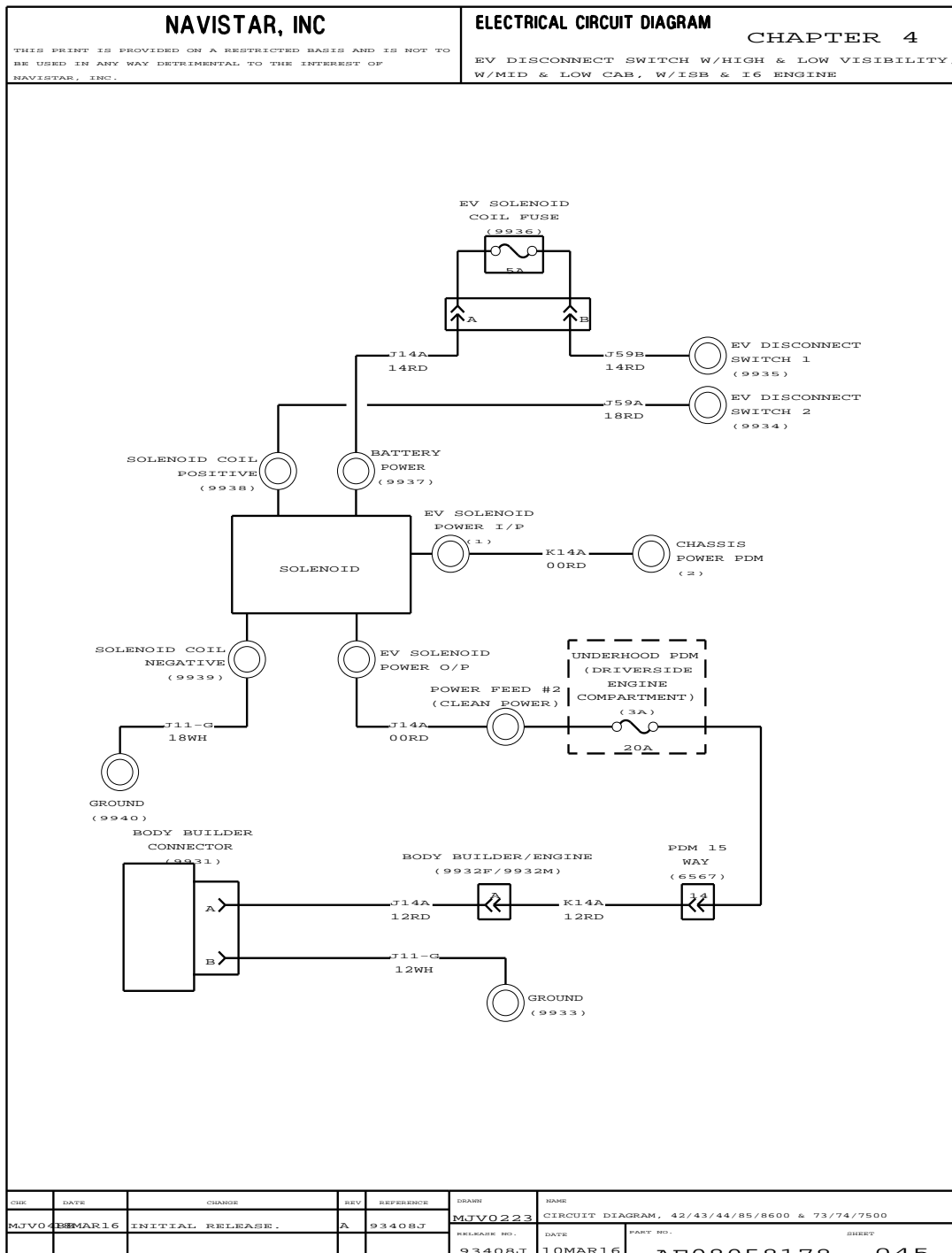


Figure 158 EV Disconnect Switch with High & Low Visibility, with Mid & Low Cab, with ISB & I6 Engine

12V CHARGING AND CRANKING SYSTEM (CHAPTER 5)

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

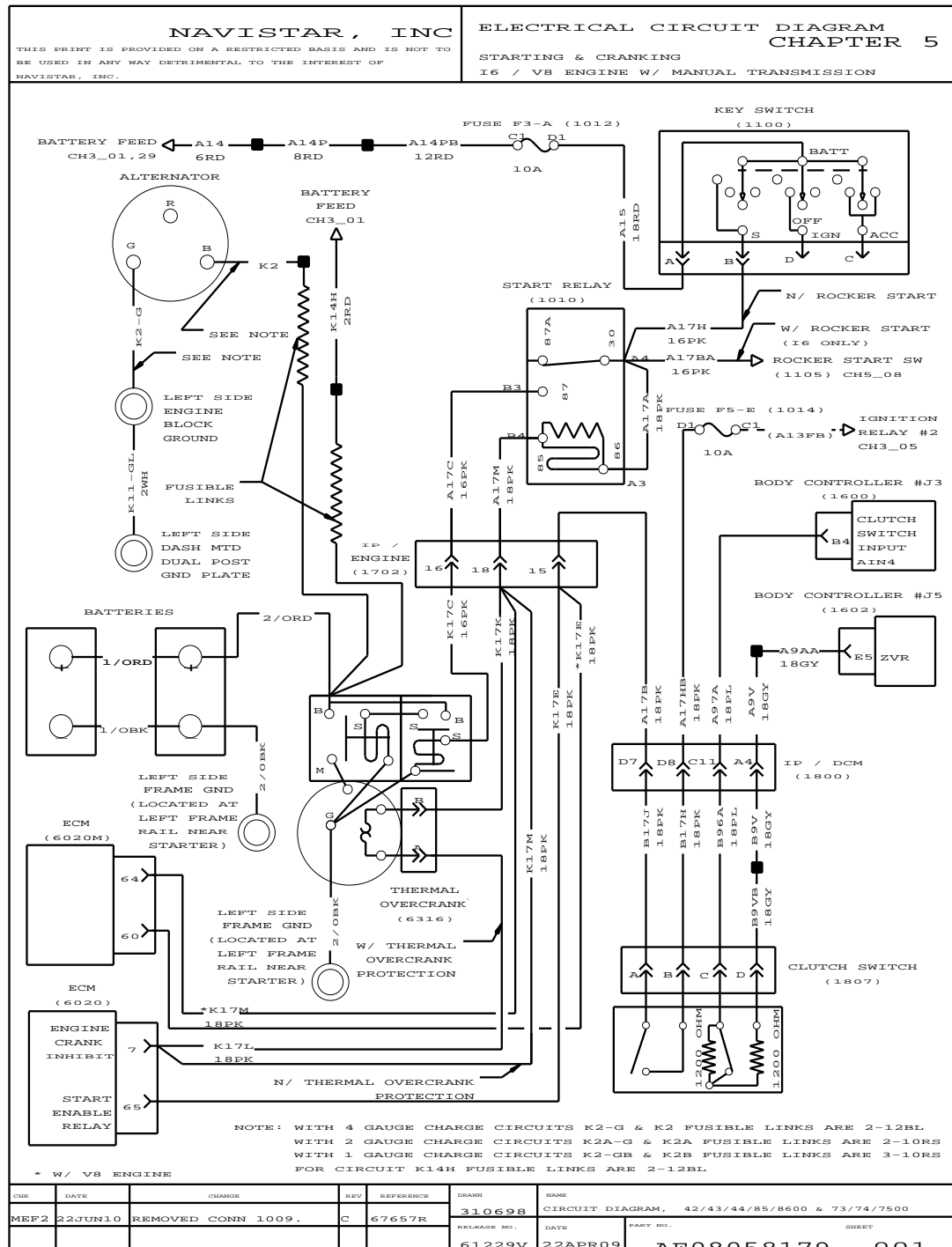


Figure 159 Starting and Cranking I6 / V8 Engines with Manual Transmission

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

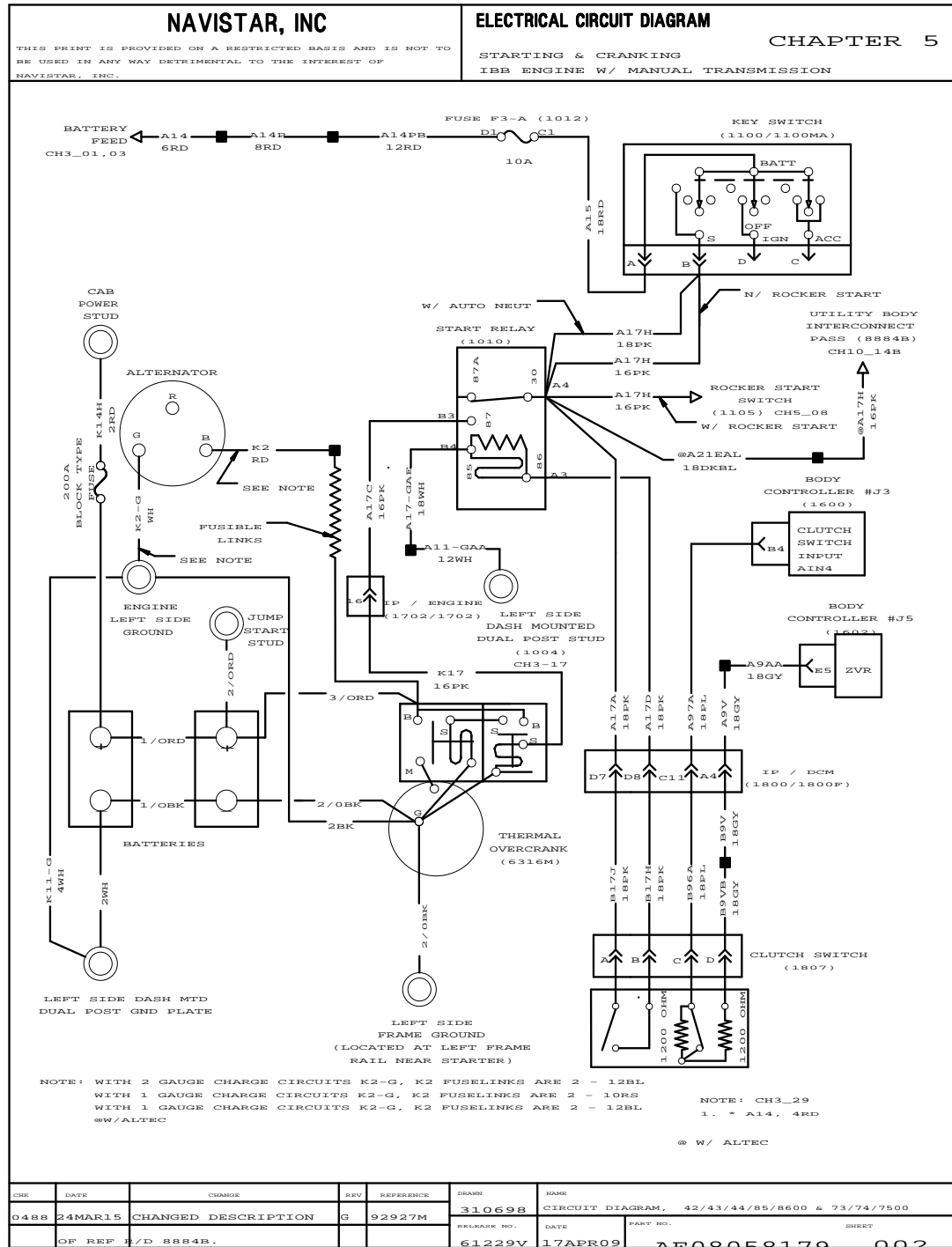


Figure 161 Starting and Cranking IBB Engine with Manual Transmission

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

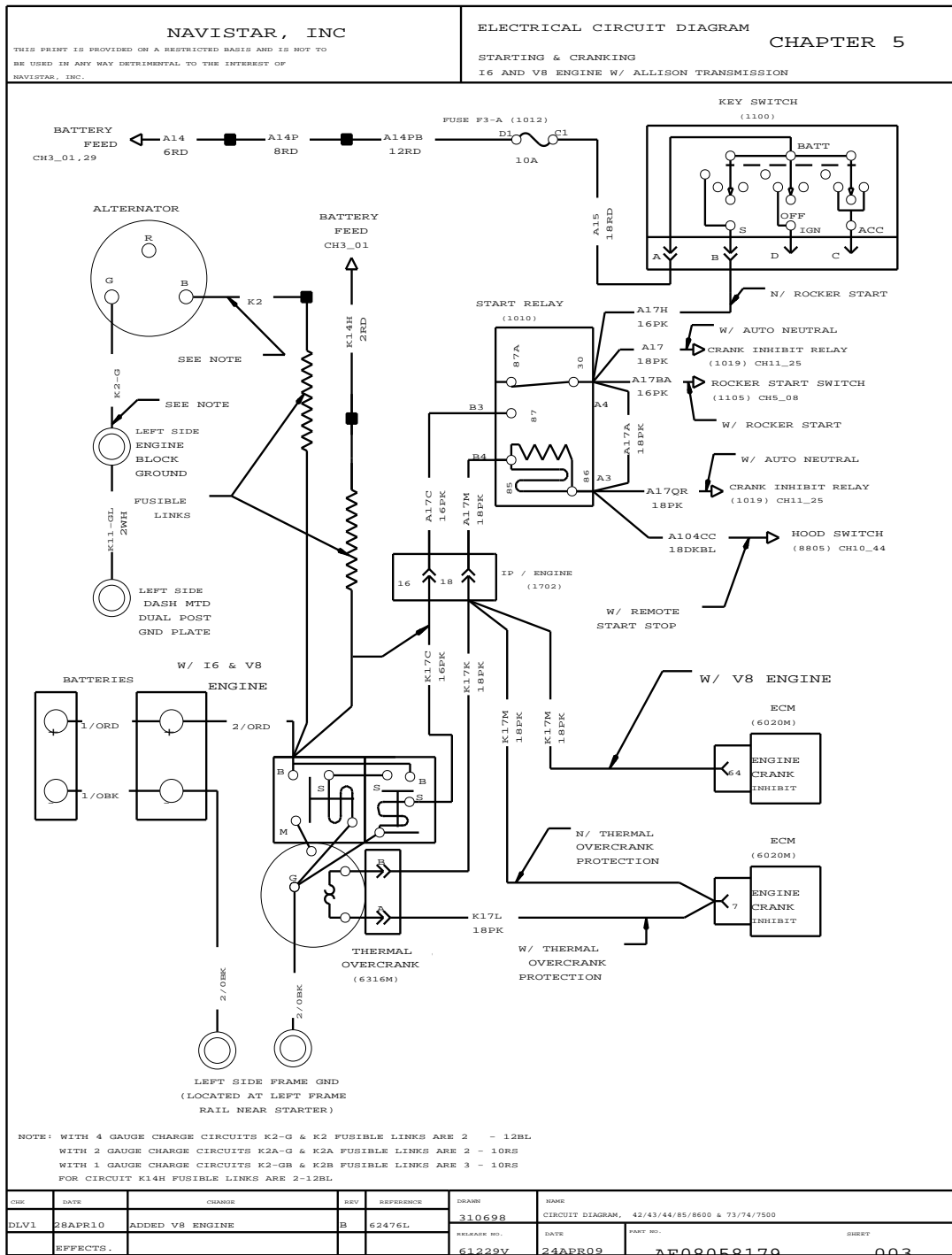


Figure 162 Starting and Cranking I6 and V8 Engine with Allison Transmission

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

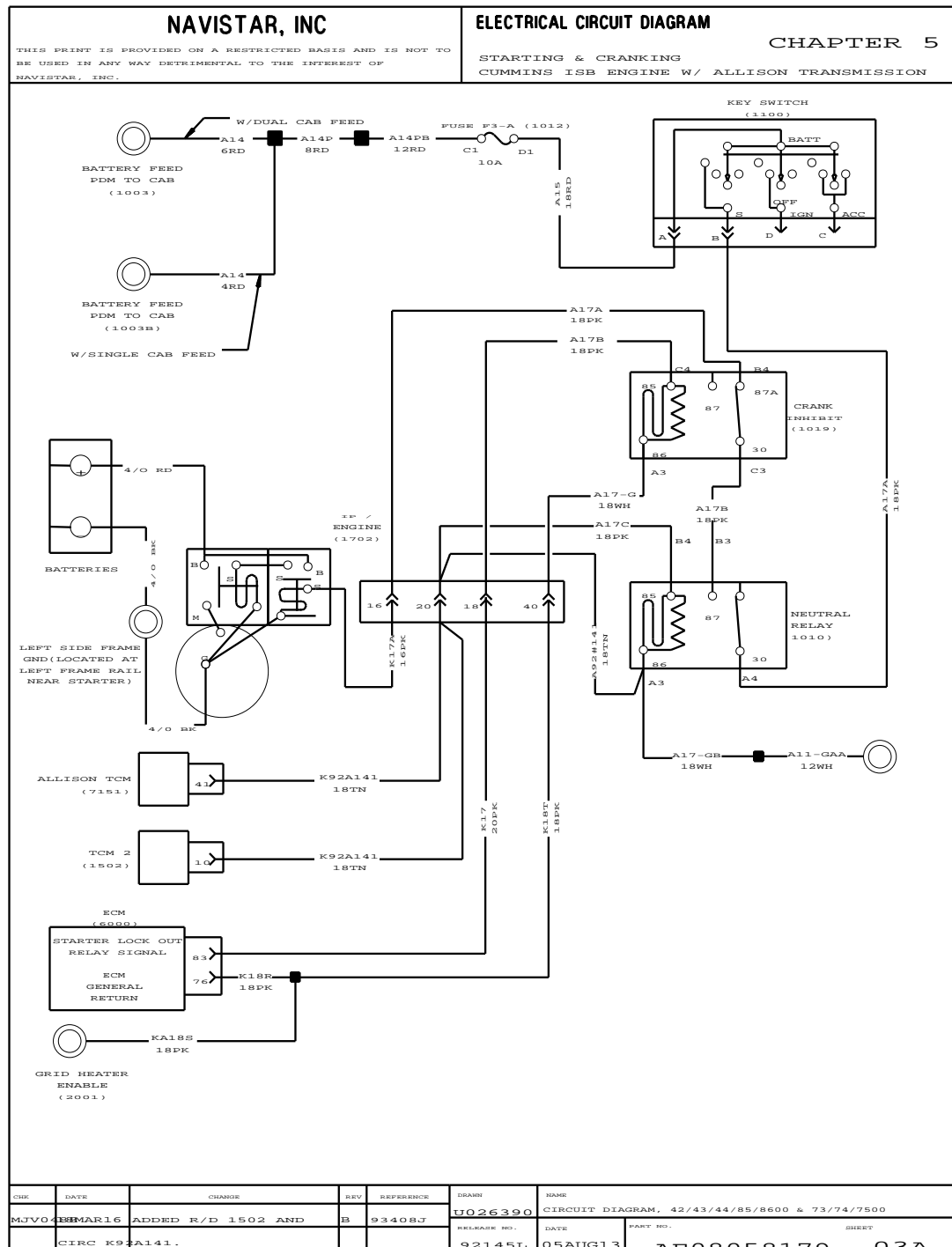


Figure 163 Starting and Cranking Cummins ISB Engine with Allison Transmission

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

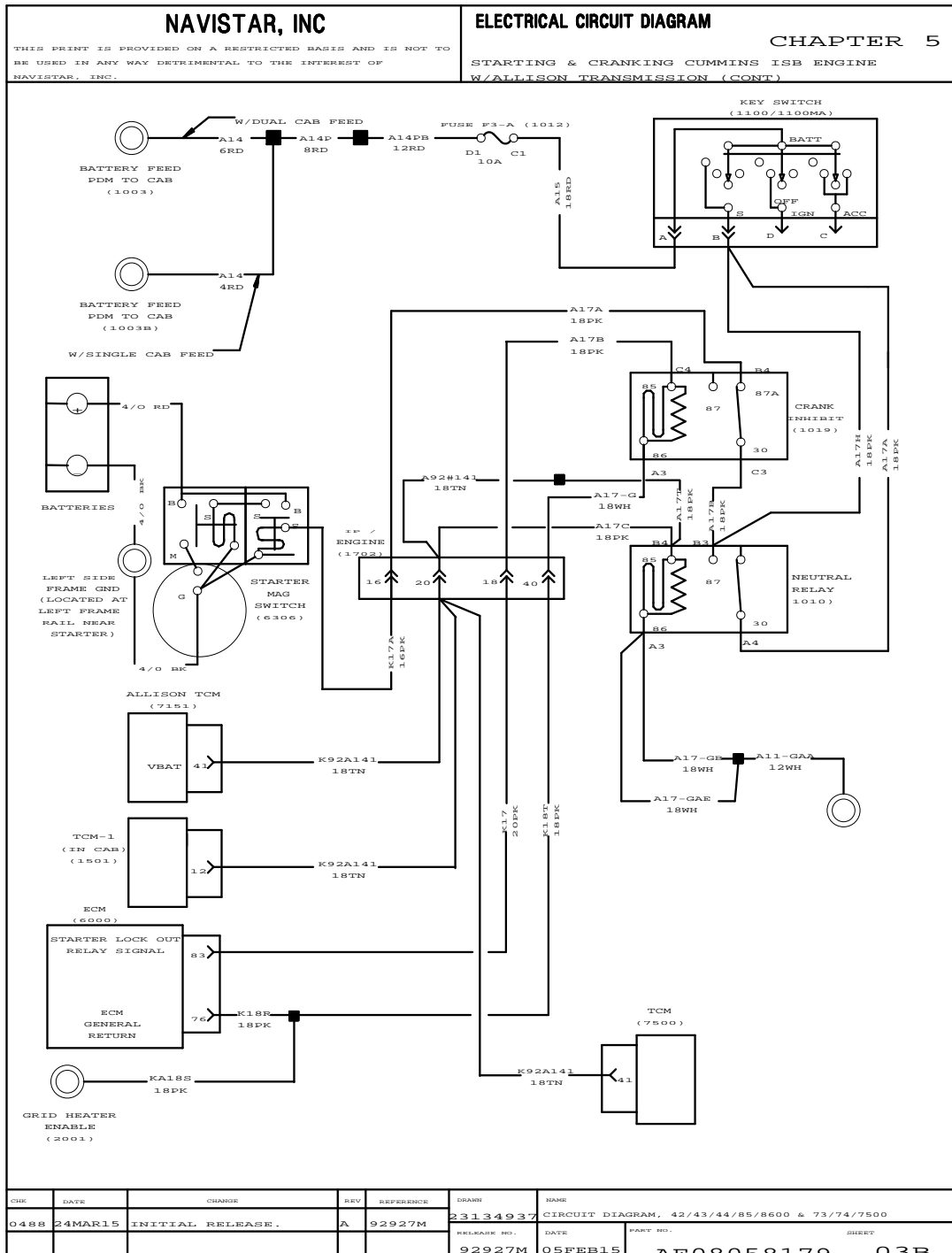


Figure 164 Starting and Cranking Cummins ISB Engine with Allison Transmission (Cont.)

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

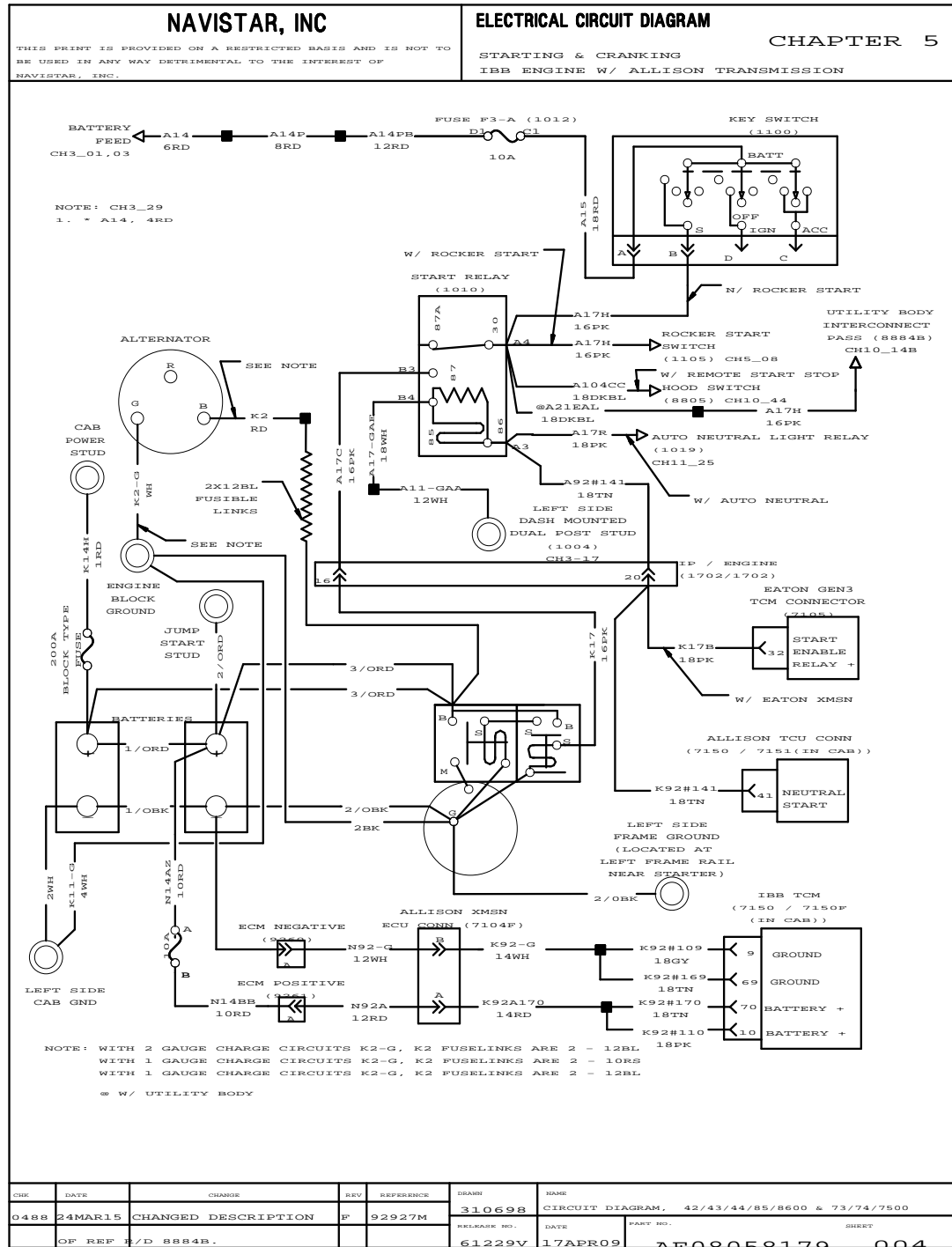


Figure 165 Starting and Cranking IBB Engine with Allison Transmission

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

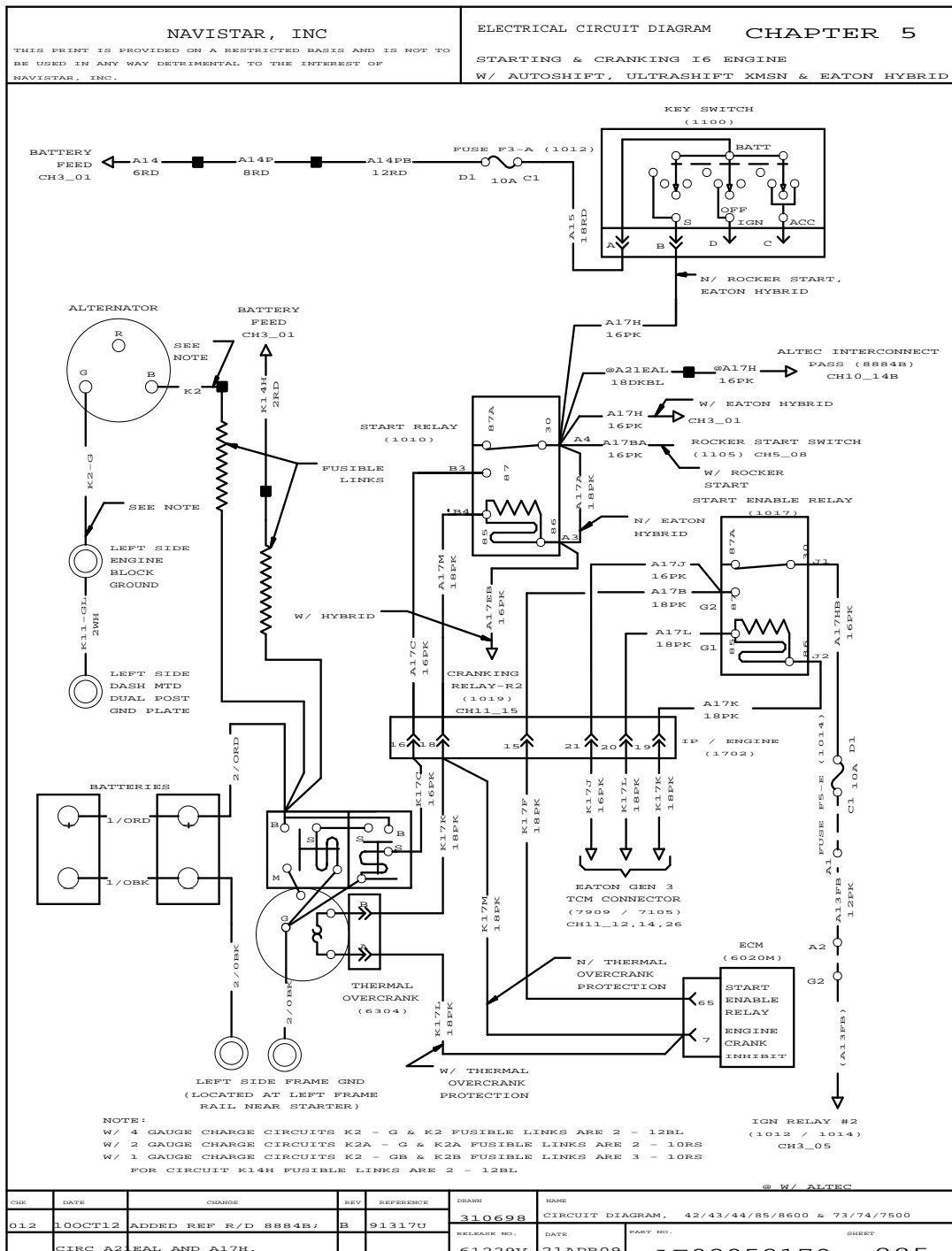


Figure 166 Starting and Cranking I6 Engine with Autoshift, Ultrashift Transmission and Eaton Hybrid

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

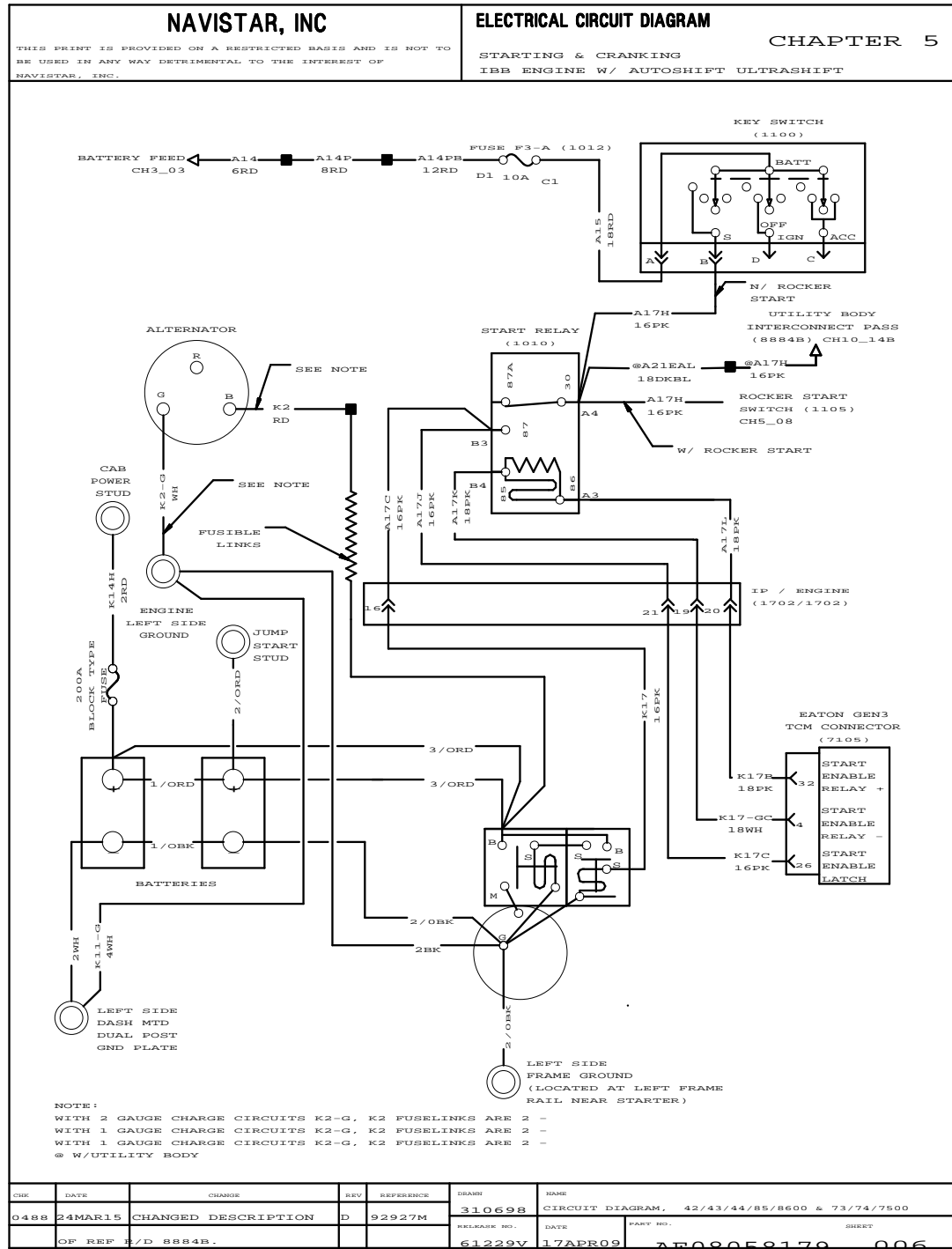


Figure 167 Starting and Cranking IBB Engines with Autoshift Ultrashift

ELECTRICAL CIRCUIT DIAGRAM MANUAL

5.10. I6 POWER PACK, P. 7

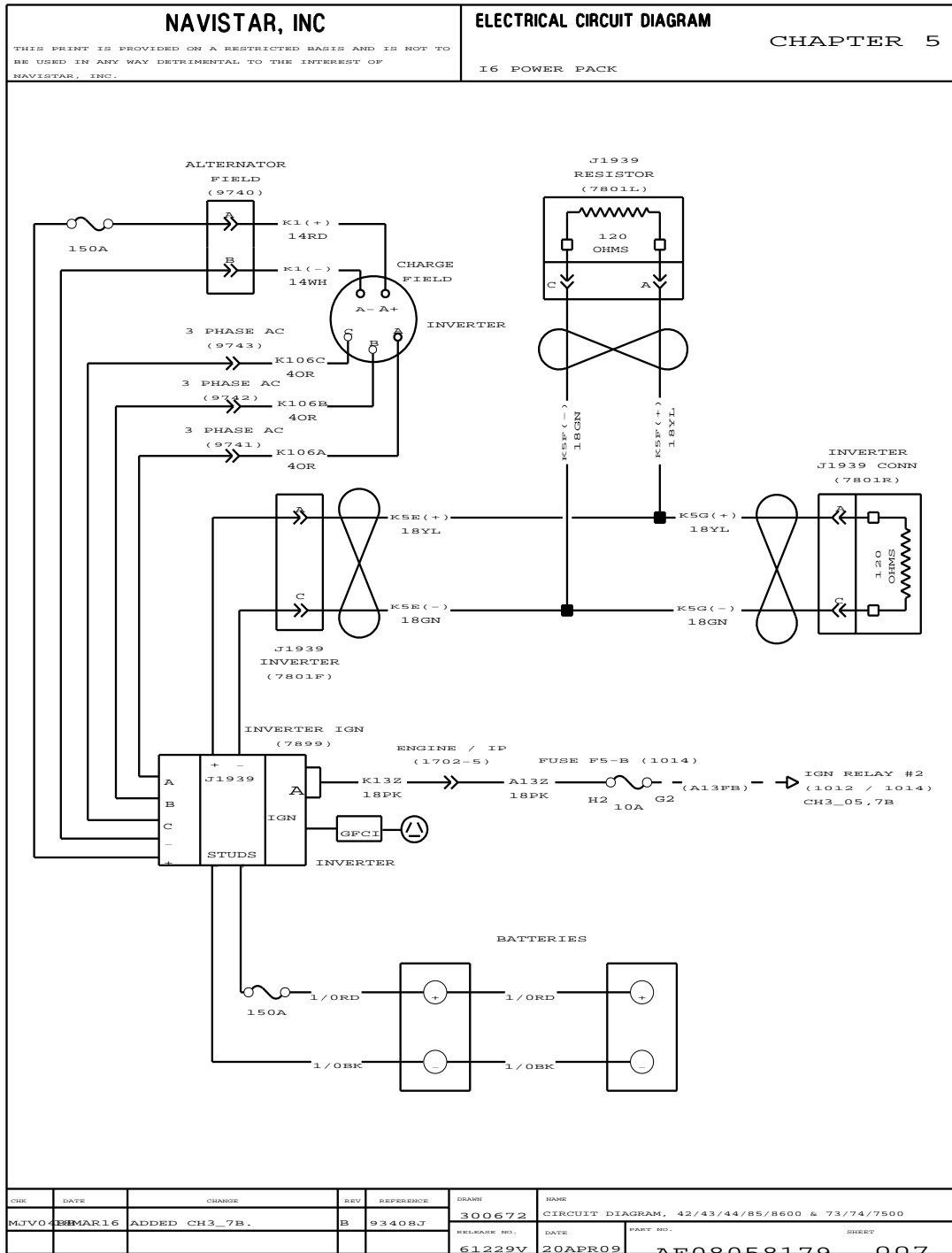


Figure 168 I6 Power Pack

5.11. ROCKER START, P. 8

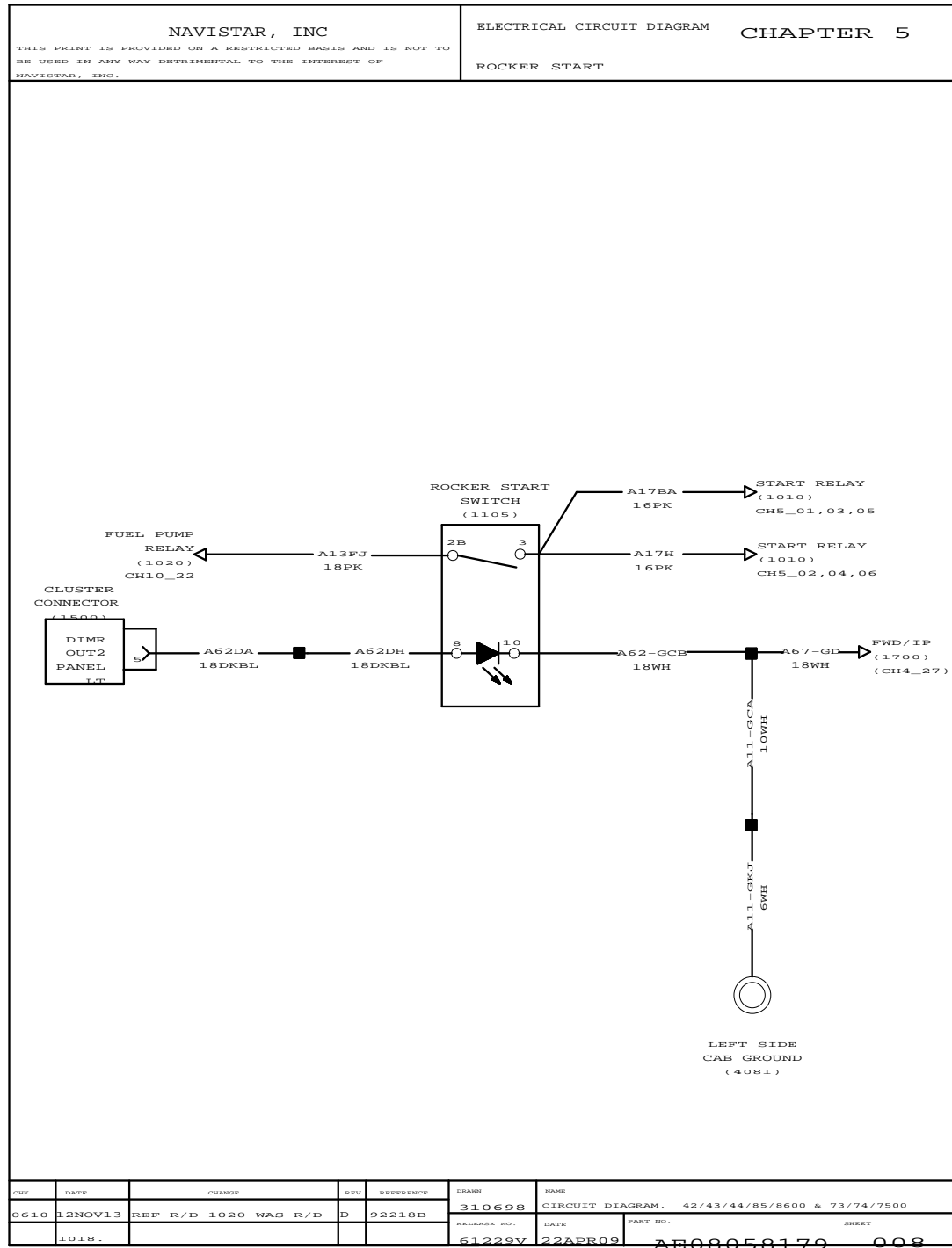


Figure 169 Rocker Start

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

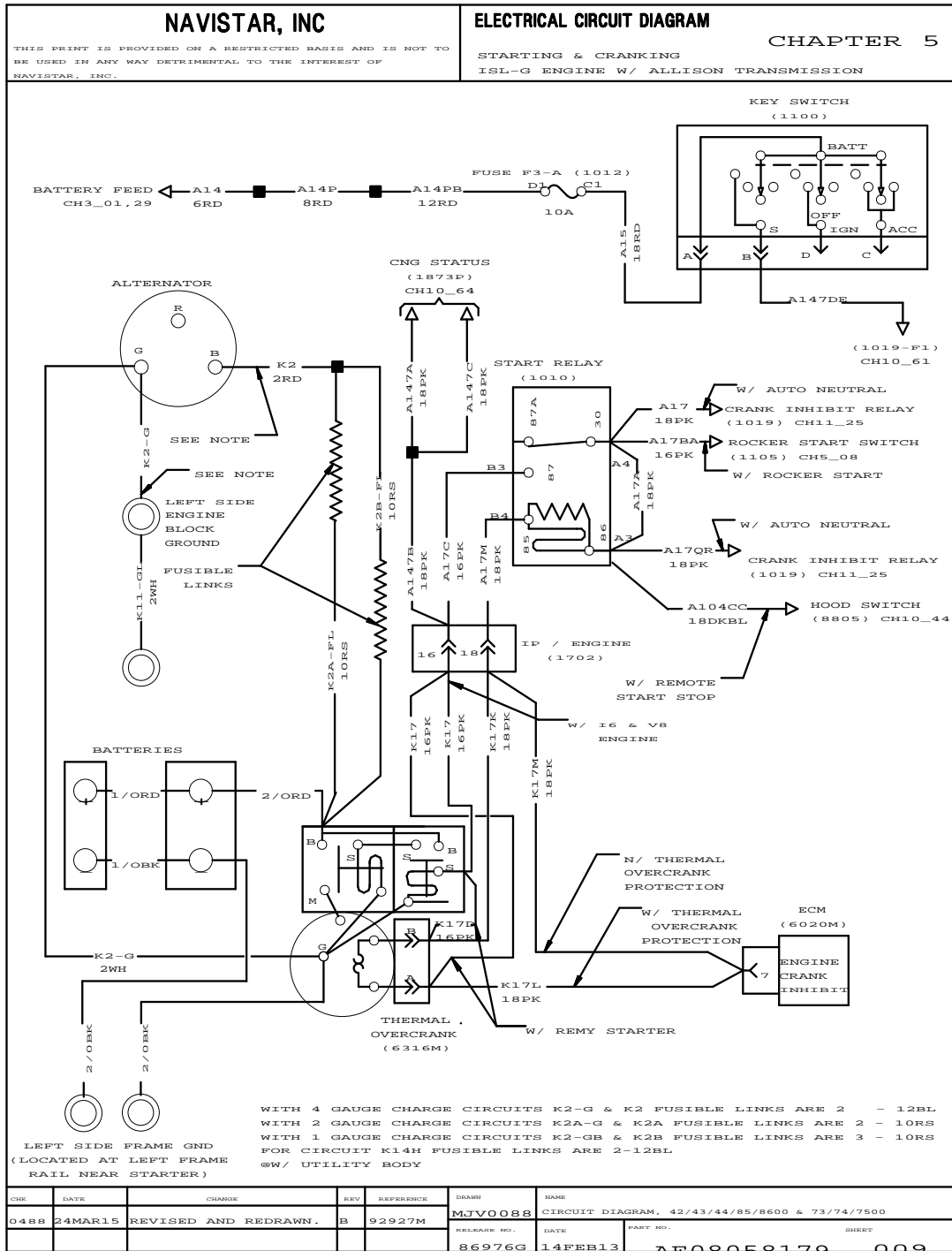


Figure 170 Starting and Cranking ISL-G Engine with Allison Transmission

5.13. STARTER – ALTERNATOR CONNECTIONS, P. 10

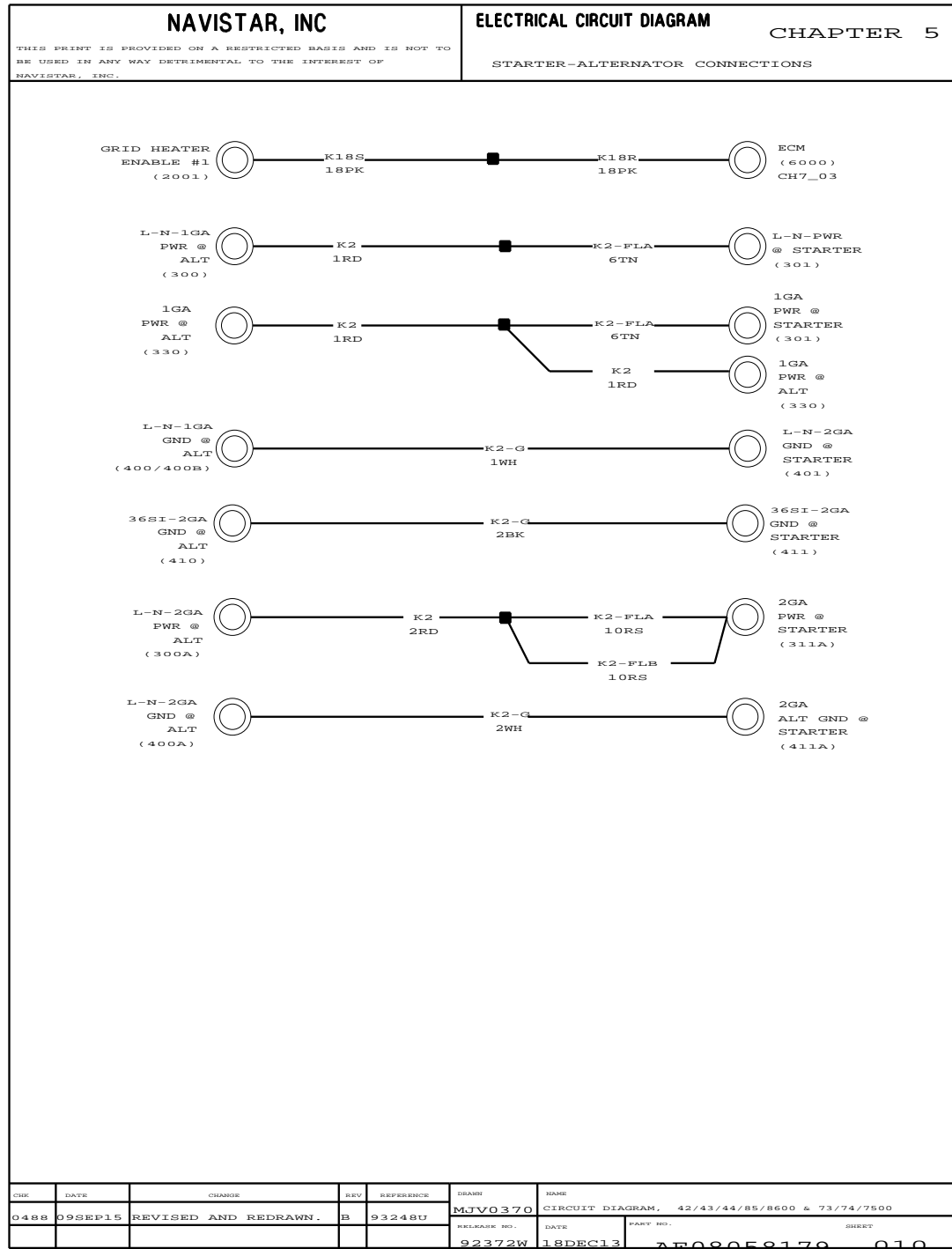


Figure 171 Starter – Alternator Connections

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

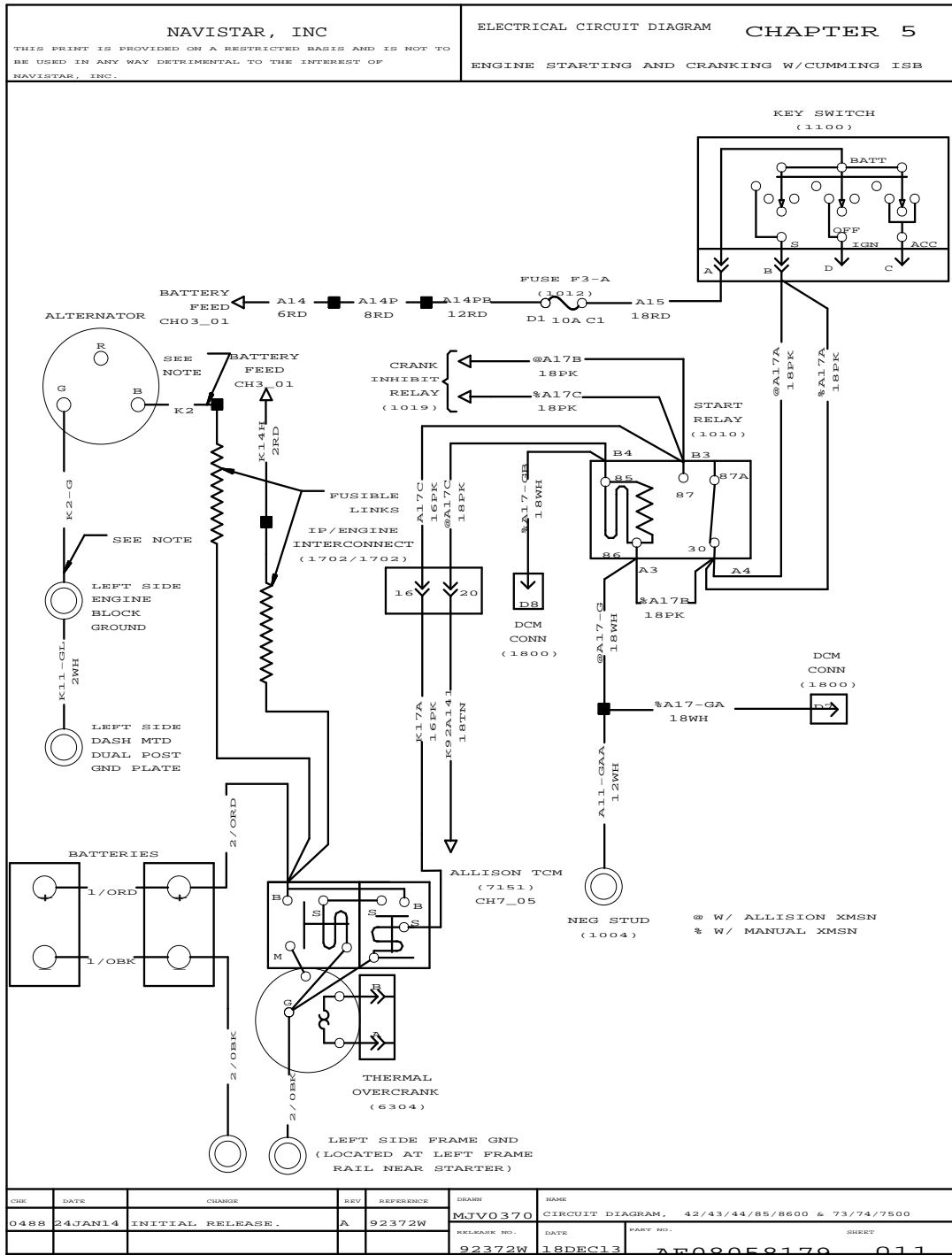


Figure 172 Engine Starting and Cranking with Cummins ISB

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

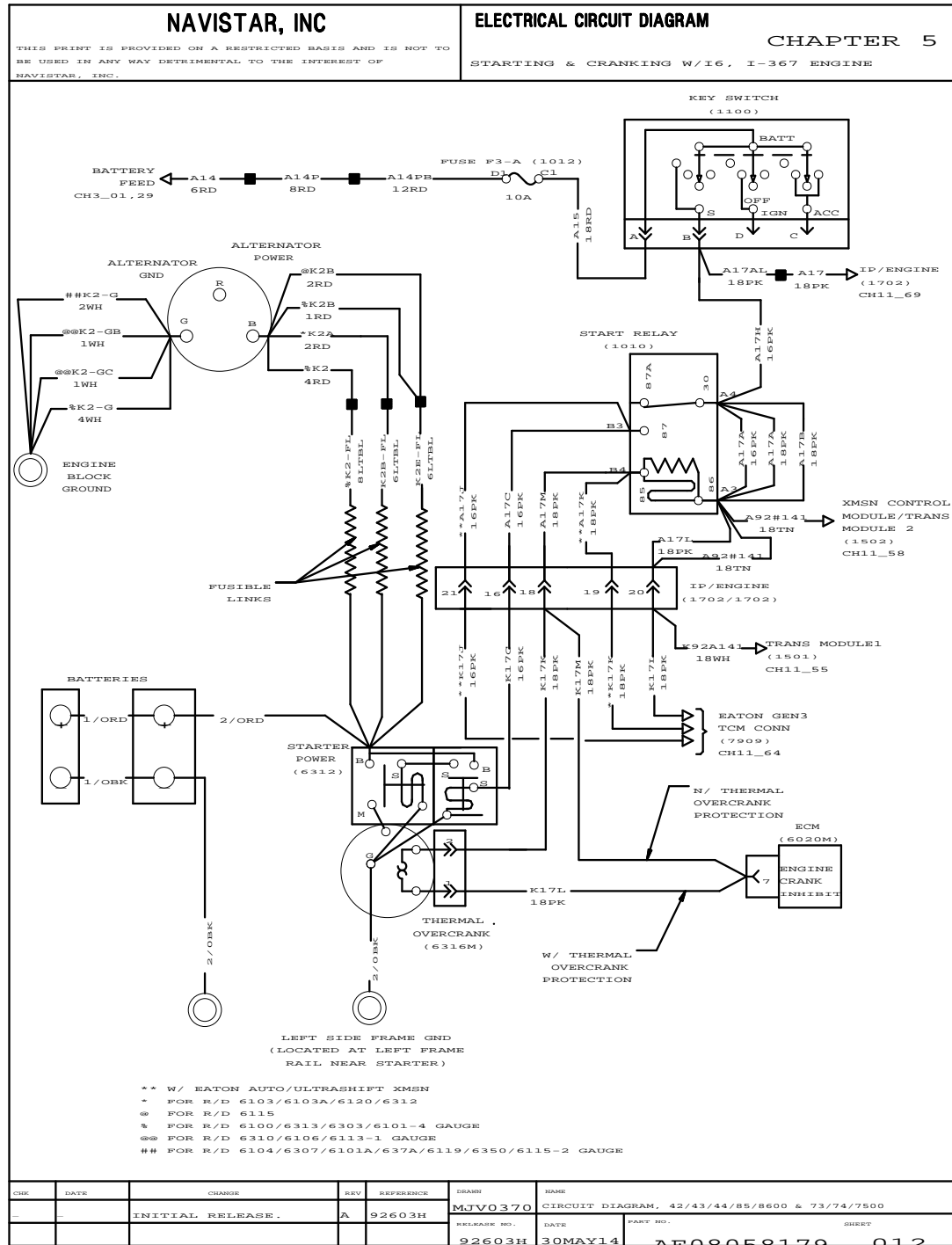


Figure 173 Starting & Cranking With I6, I-367 Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

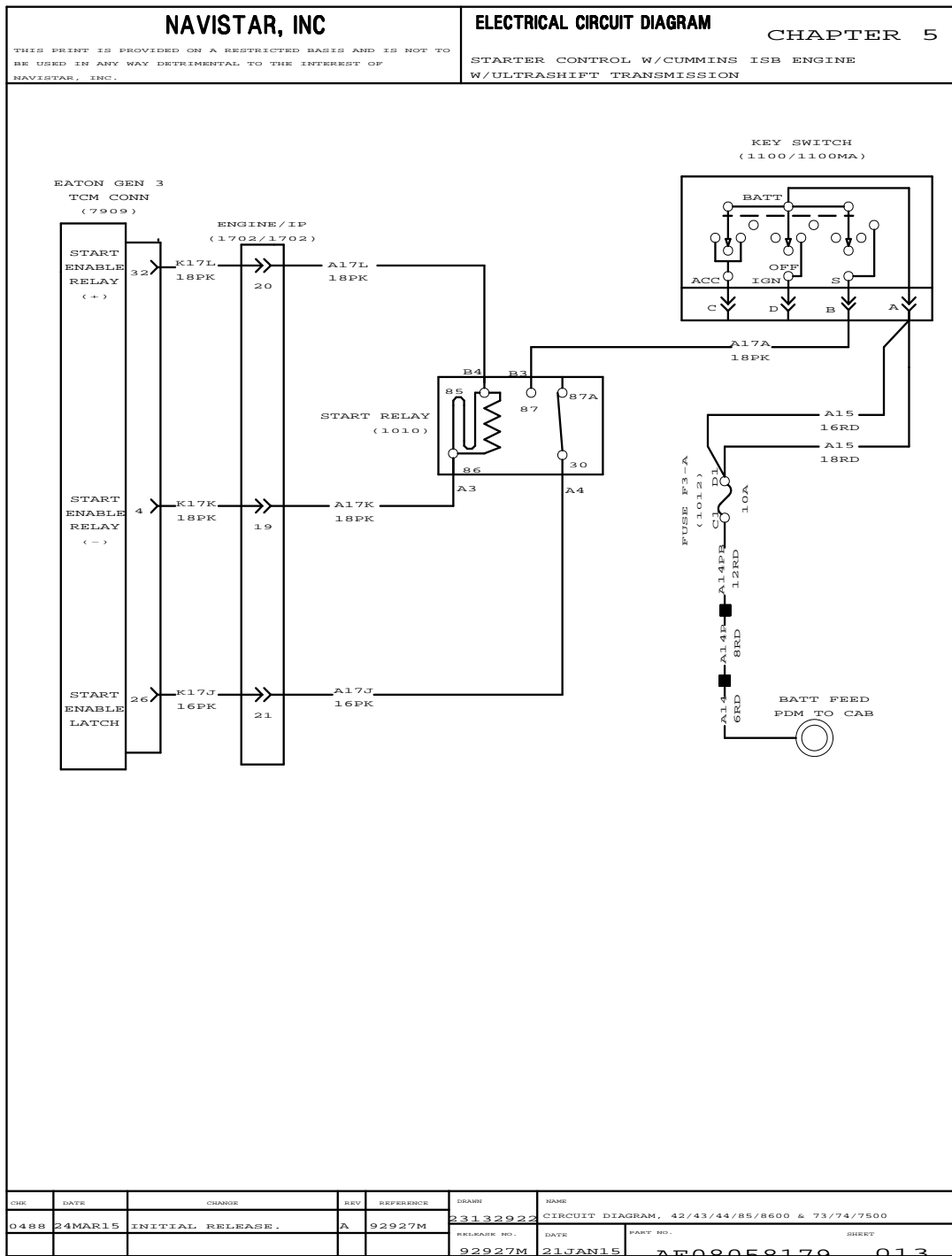


Figure 174 Starter Control with Cummins ISB Engine with Ultrashift Transmission

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

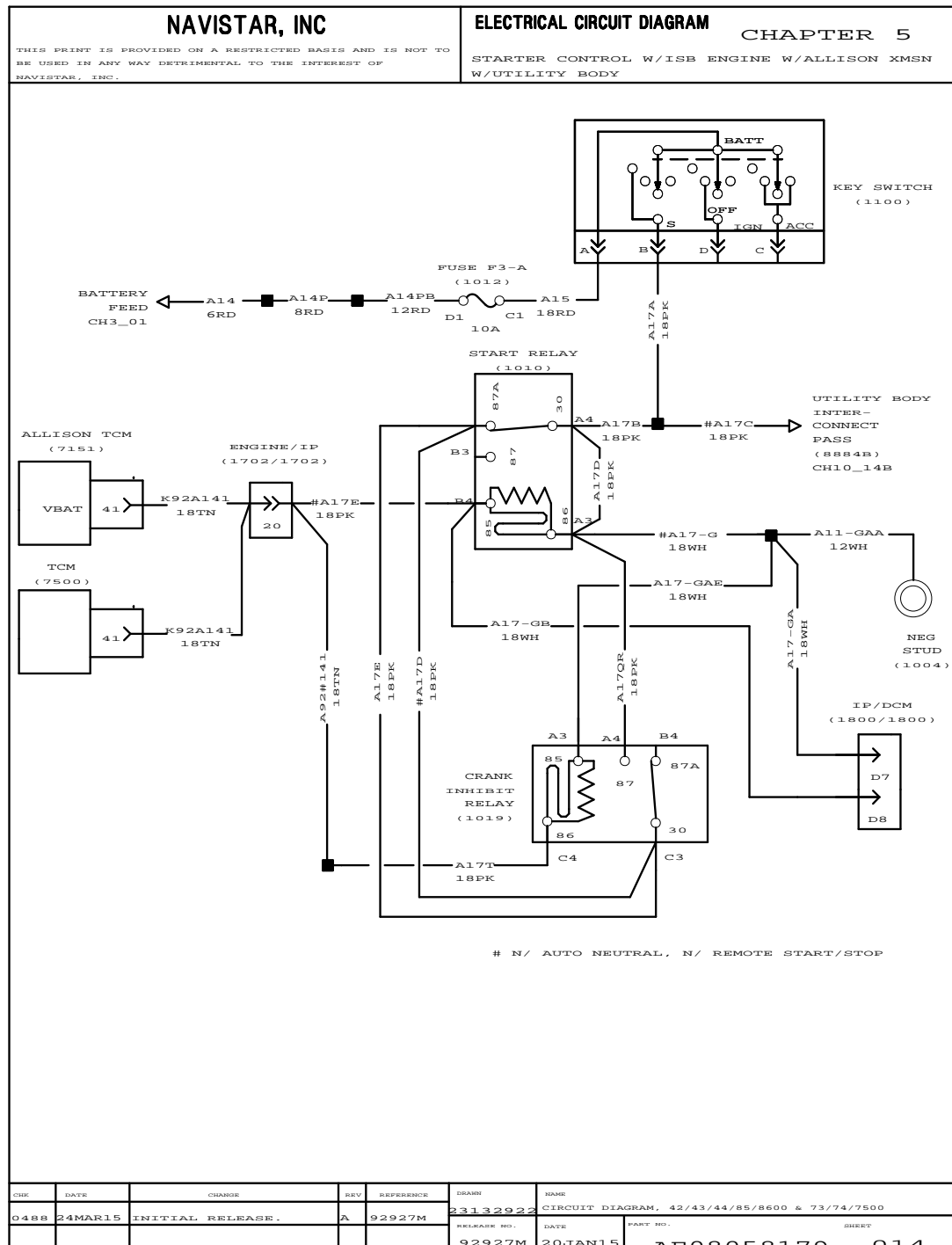


Figure 175 Starter Control with ISB Engine with Allison Transmission with Utility Body

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

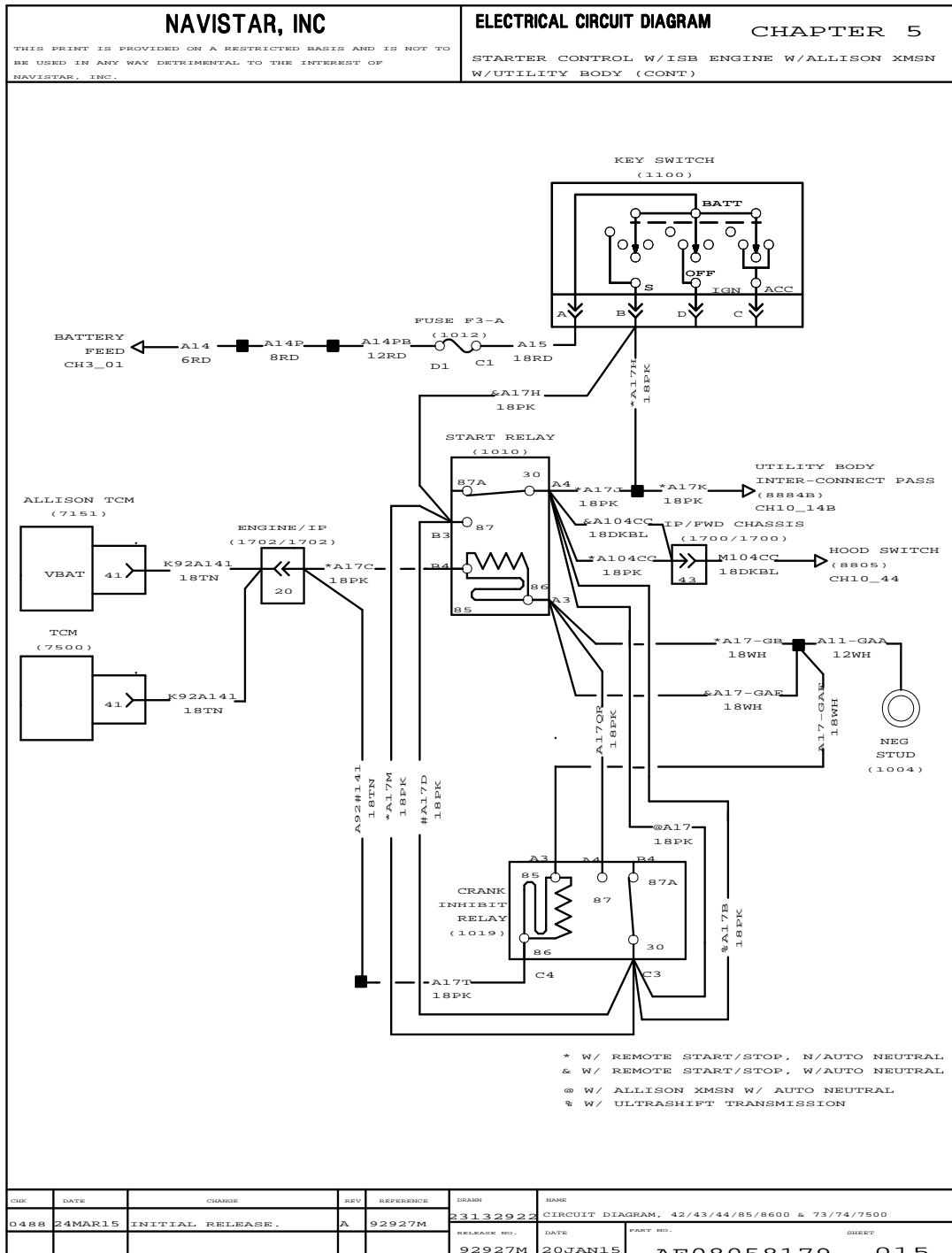


Figure 176 Starter Control with ISB Engine with Allison Transmission with Utility Body (Cont.)

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

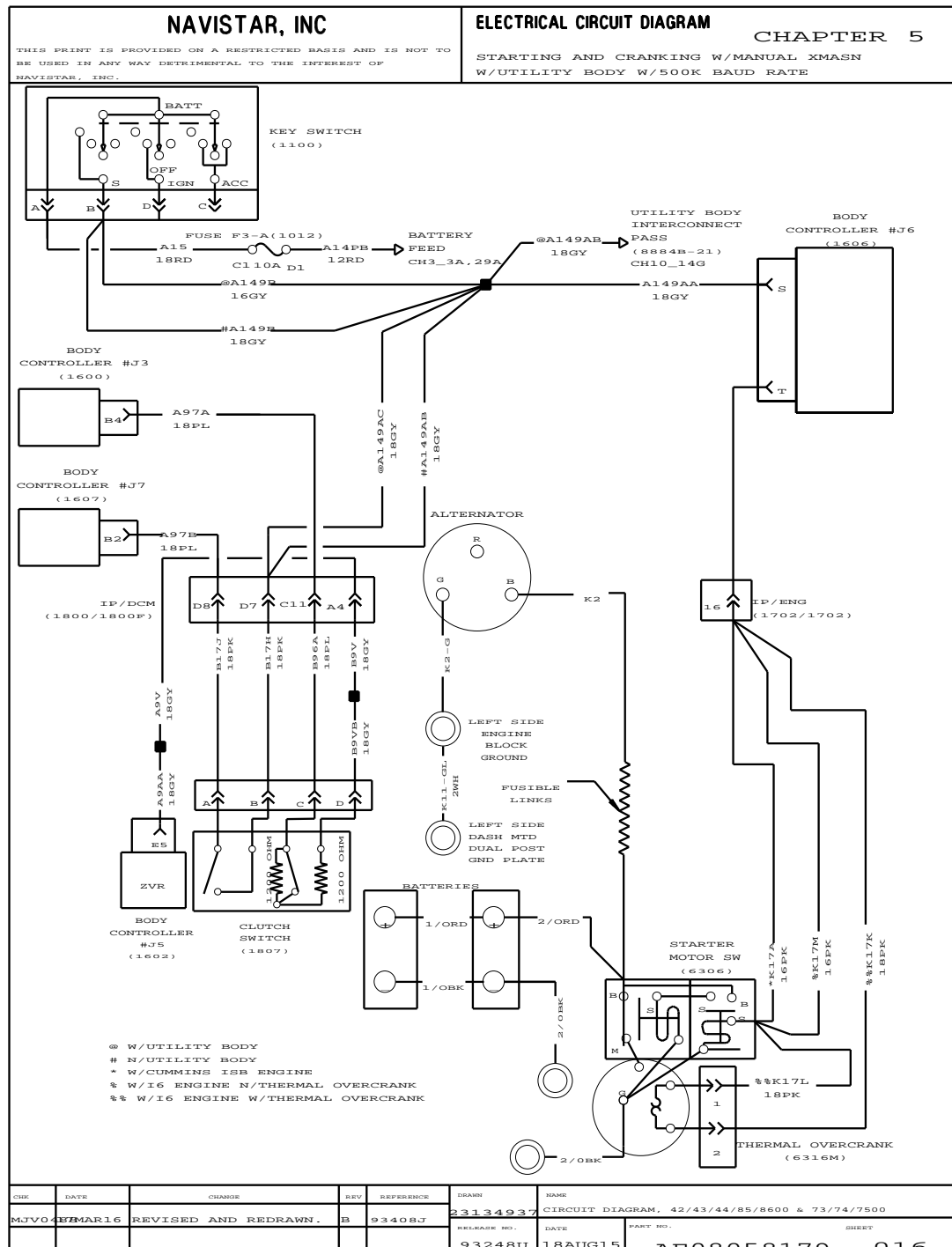


Figure 177 Starting and Cranking with Manual Transmission with Utility Body with 500K Baud Rate

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

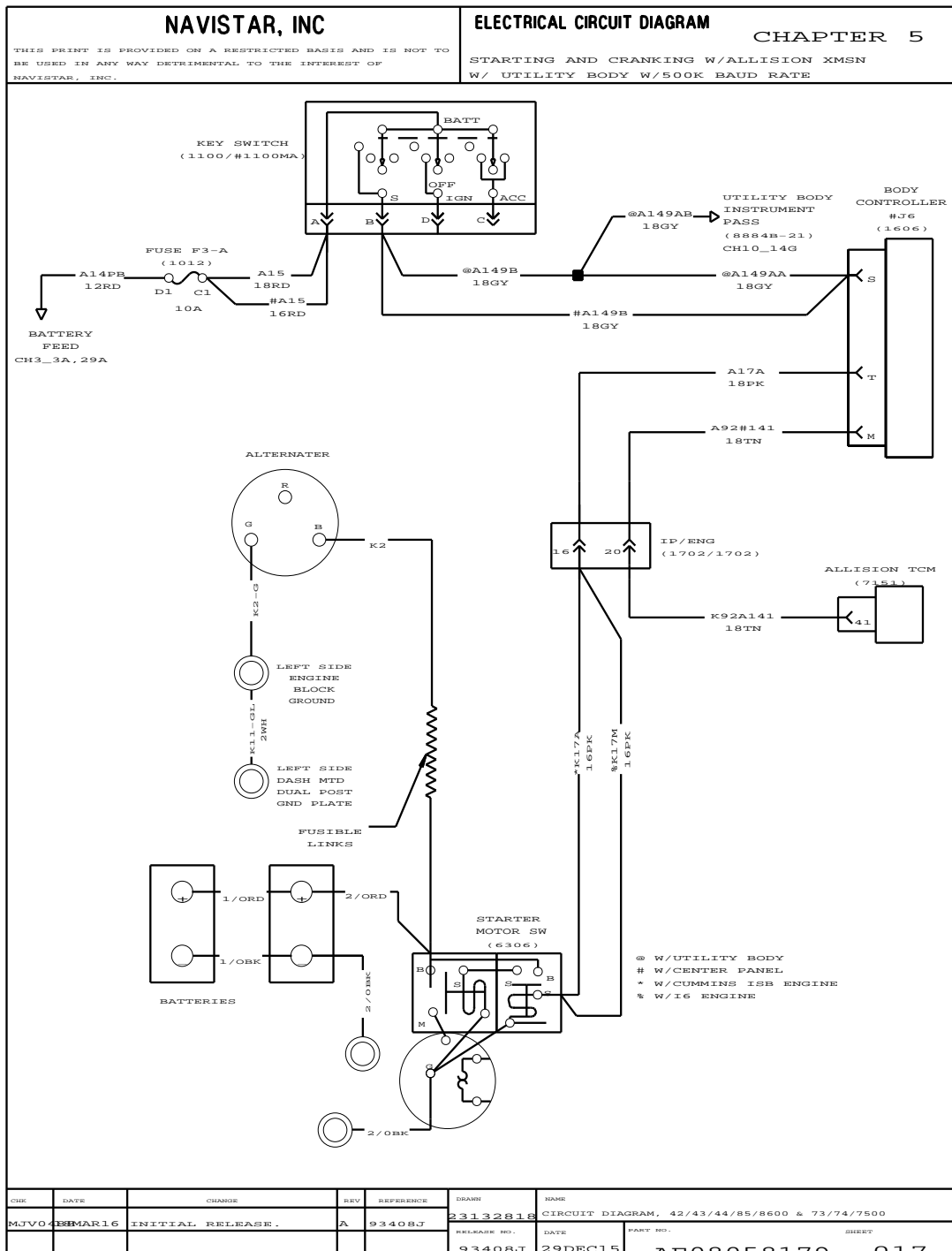


Figure 178 Starting and Cranking with Allison Transmission with Utility Body with 500K Baud Rate

5.21. STARTING AND CRANKING WITH EATON PROCISION TRANSMISSION WITH 500K BAUD RATE, P. 18

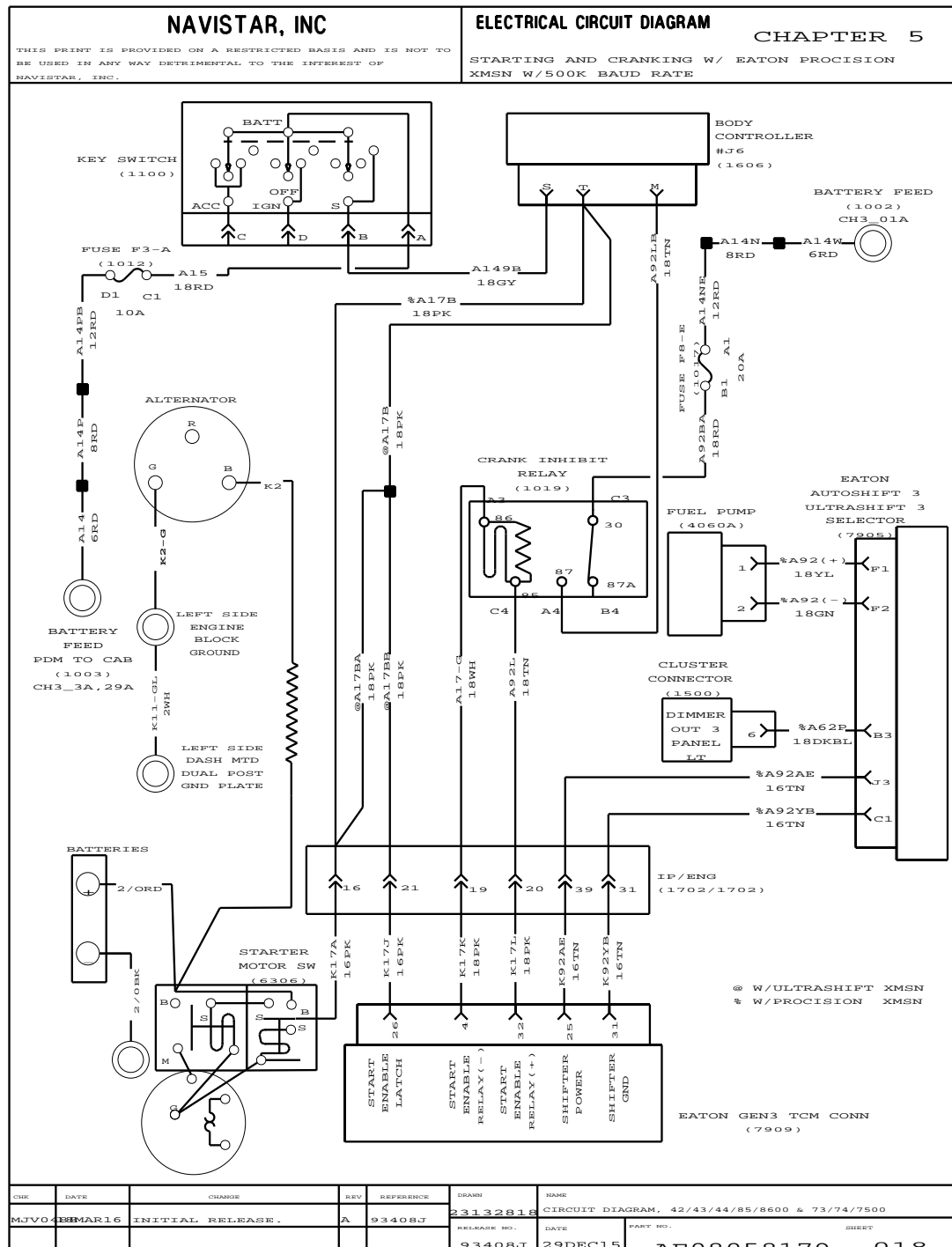


Figure 179 Starting and Cranking with Eaton Procision Transmission with 500K Baud Rate

ELECTRICAL CIRCUIT DIAGRAM MANUAL

FANS AND ENGINE ACCESSORIES (CHAPTER 6)

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

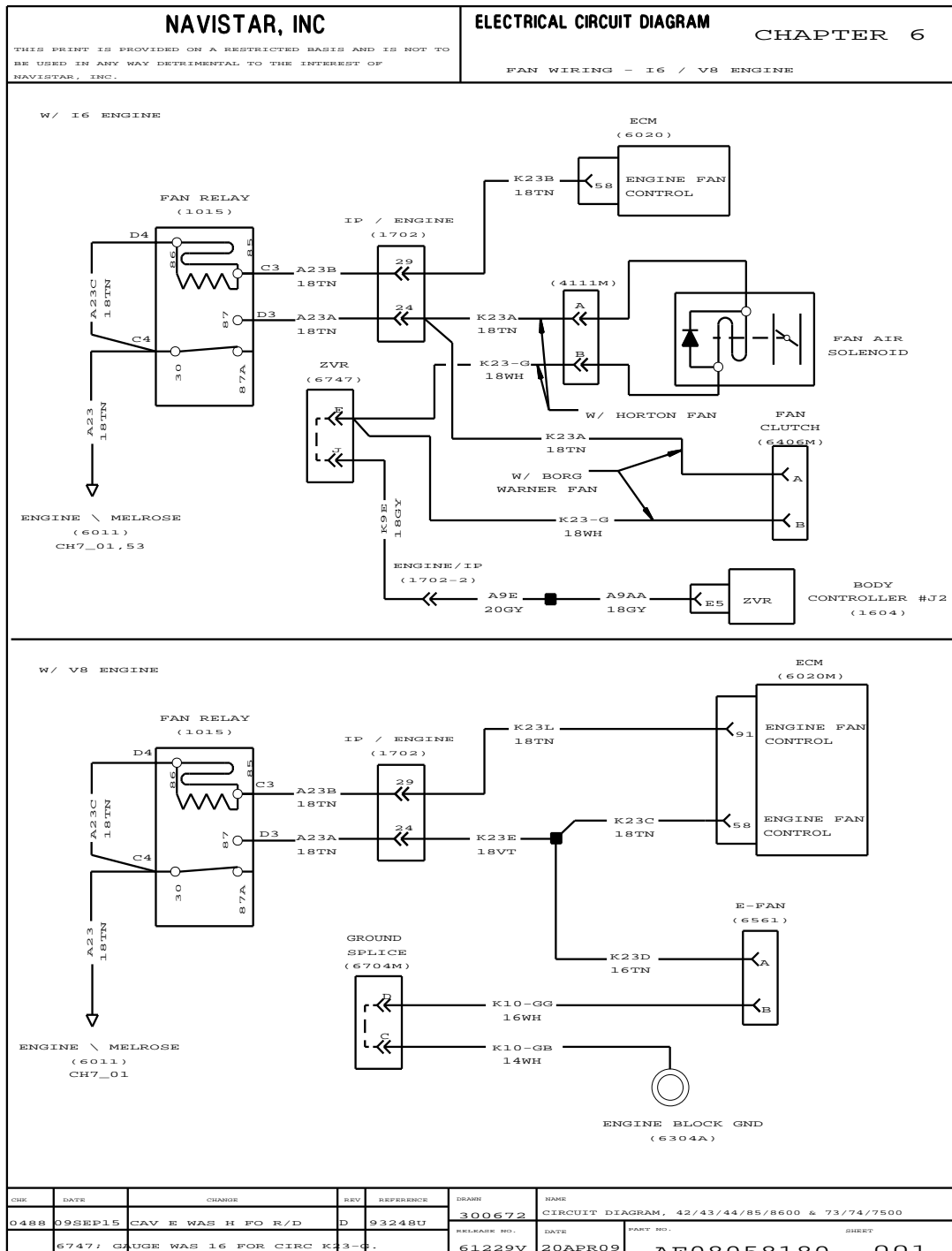


Figure 180 Fan Wiring, I6 / V8 Engines

[illegible]

Figure 181 Snow Valve

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

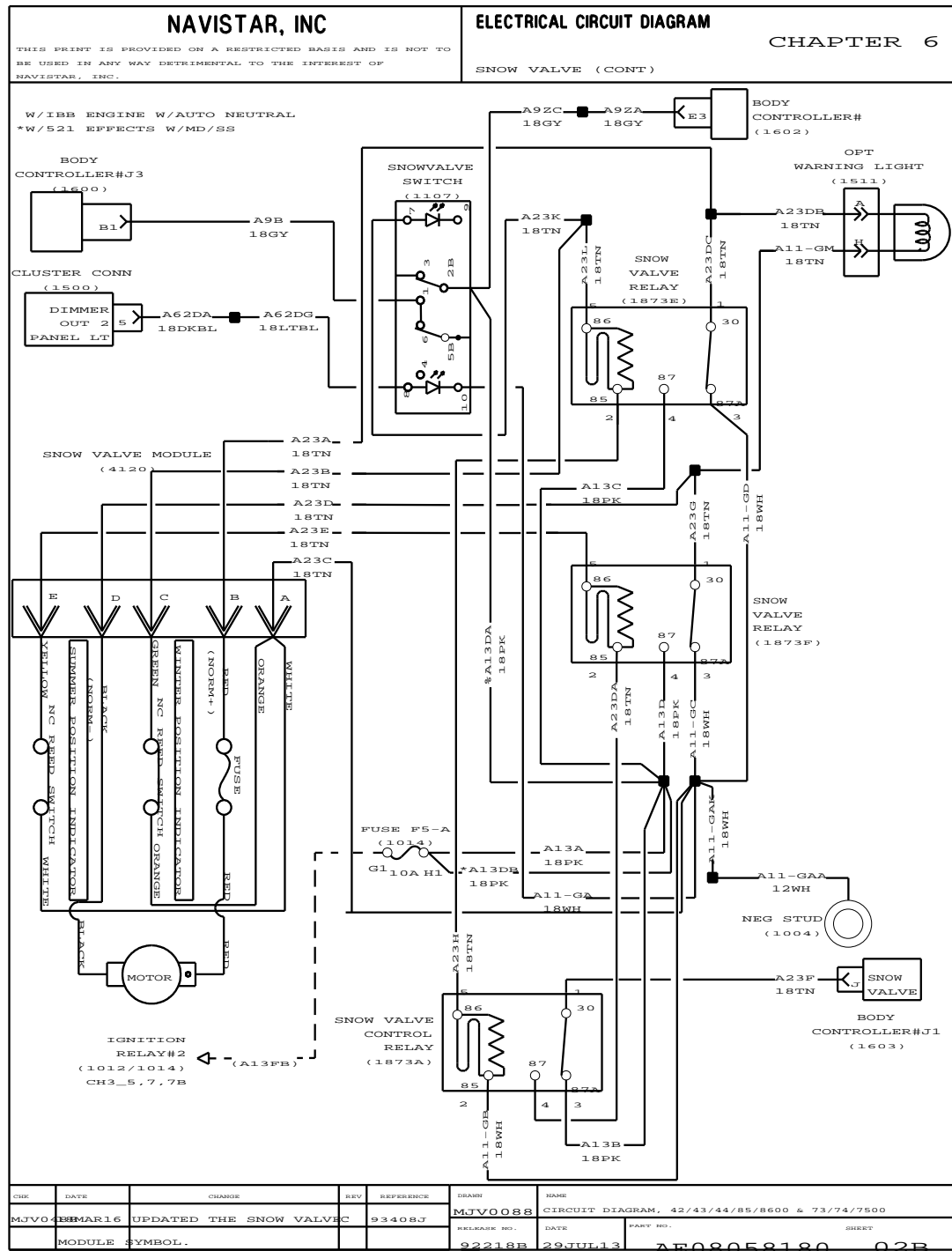


Figure 183 Snow Valve (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

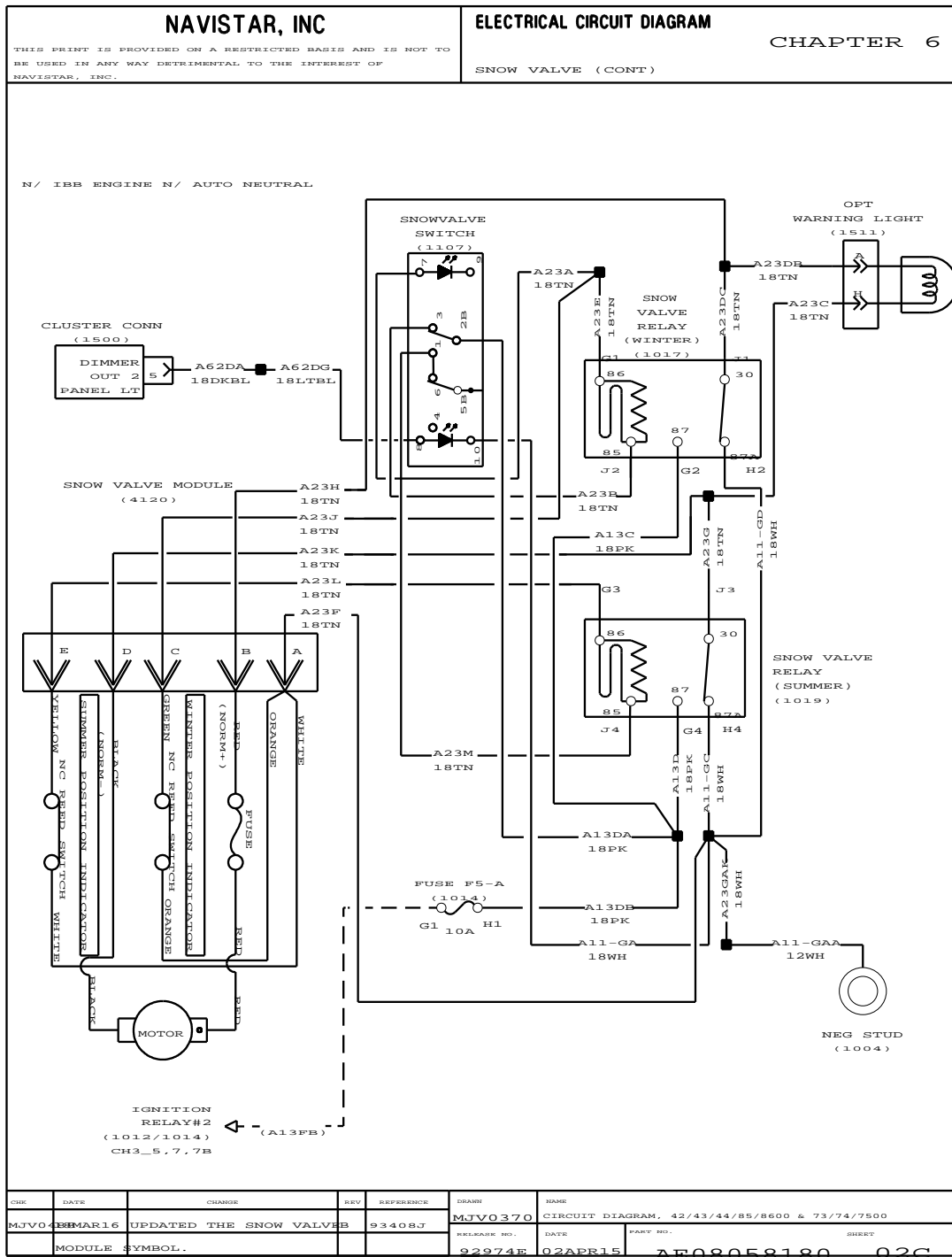


Figure 184 Snow Valve (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

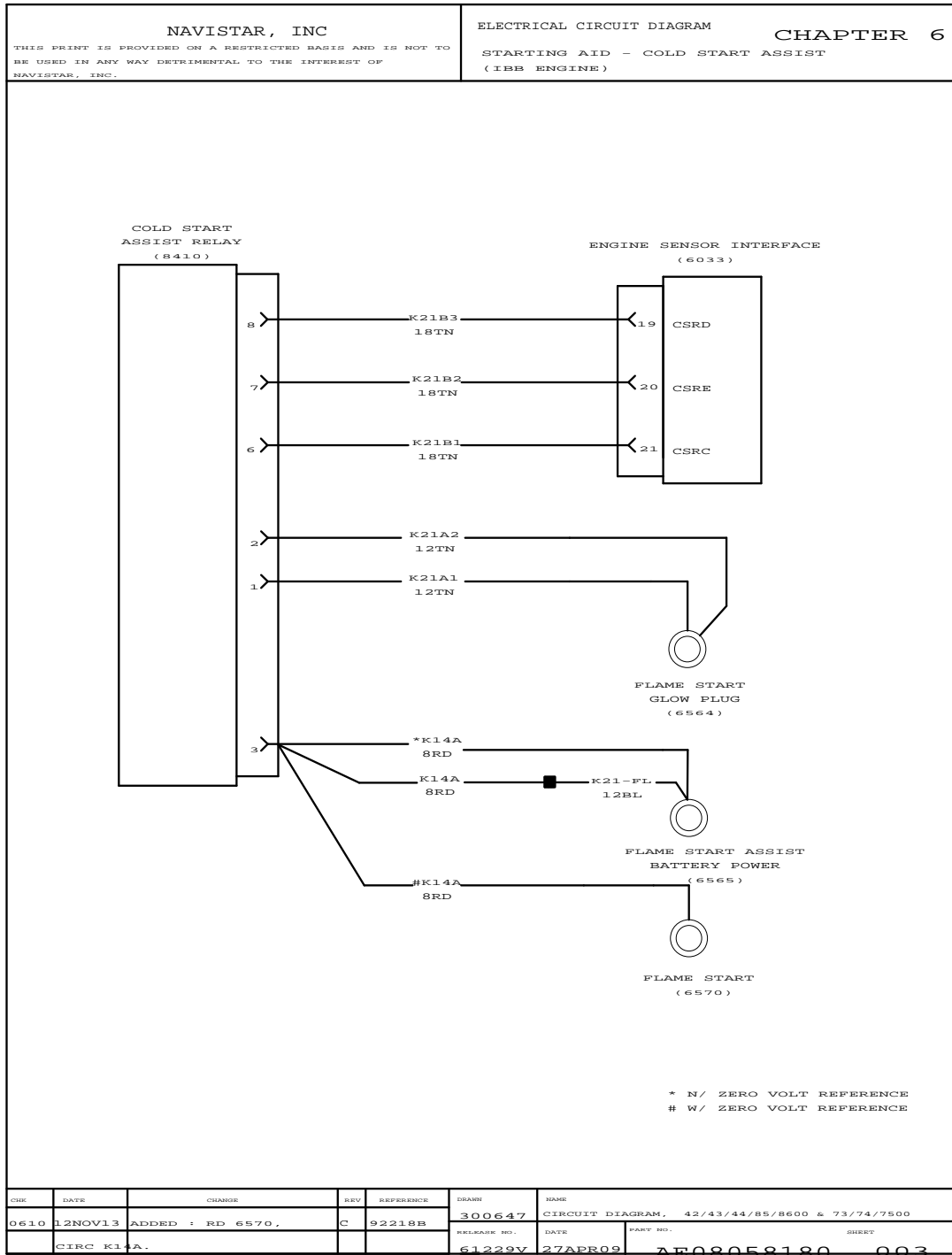


Figure 186 Starting Aid – Cold Start Assist (IBB Engine)

6.8. FAN WIRING – IBB ENGINE, P. 4

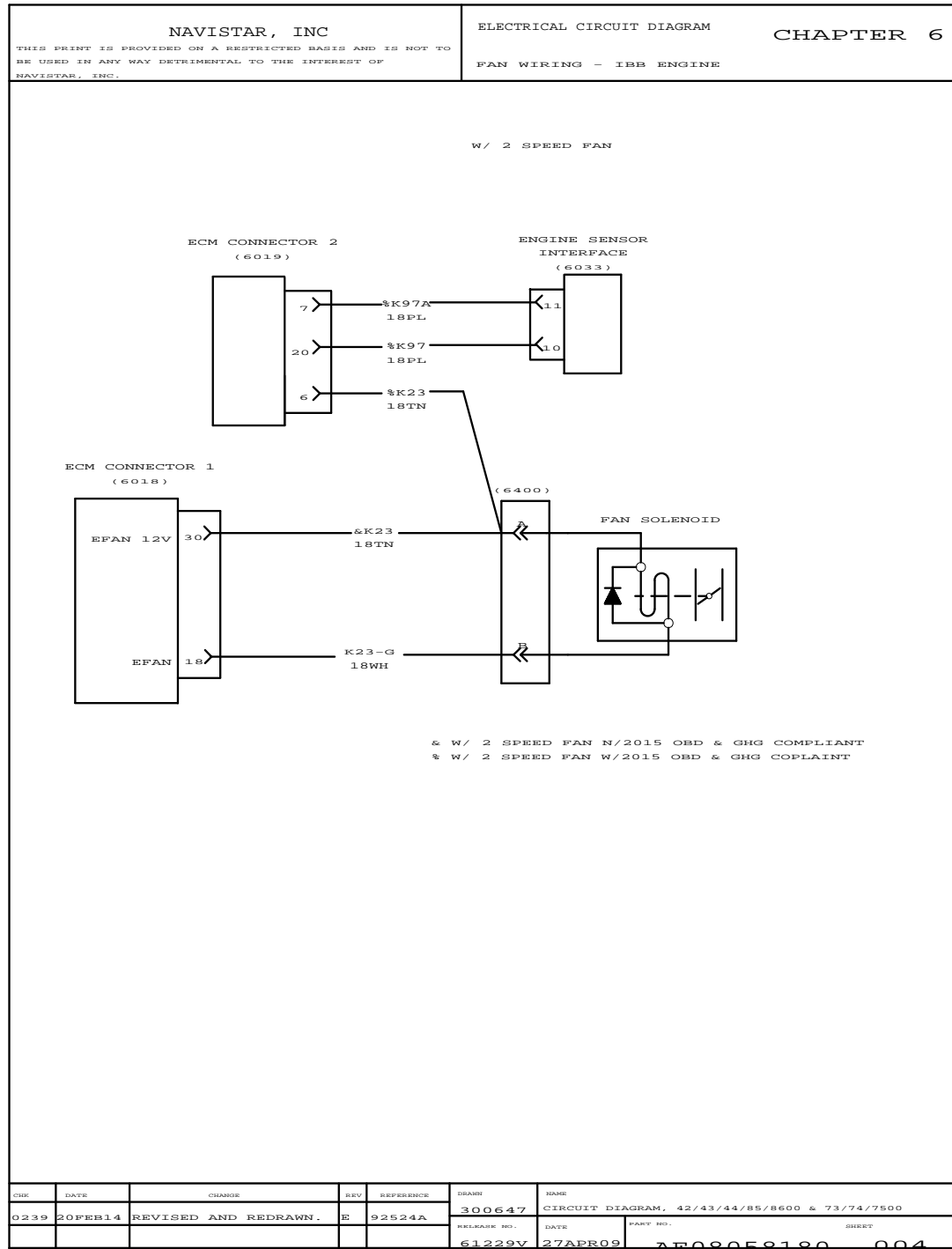


Figure 187 Fan Wiring – IBB Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

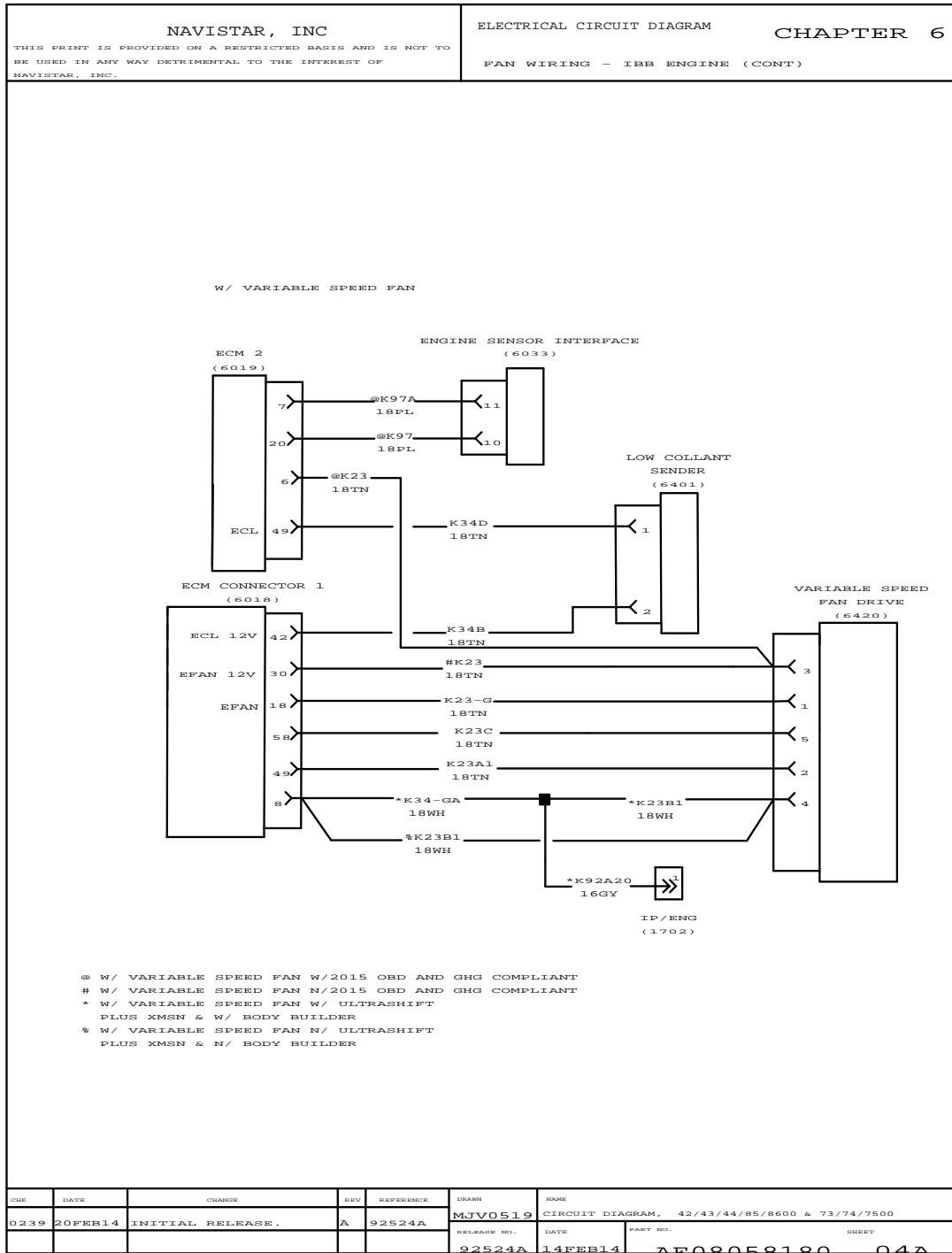


Figure 188 Fan Wiring – IBB Engine (Cont.)

6.10. ELECTRIC AIR COMPRESSOR WITH MD, P. 5

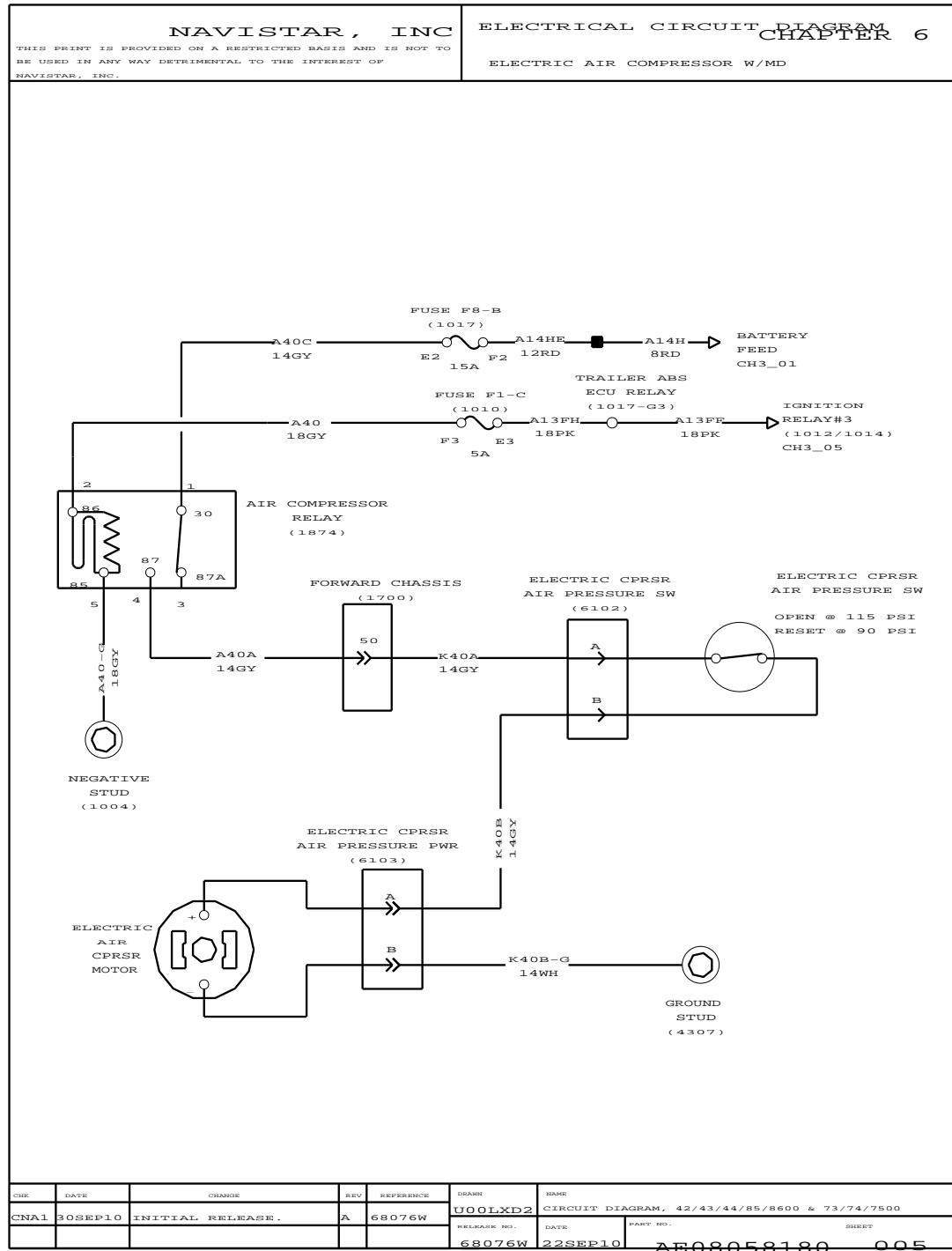


Figure 189 Electric Air Compressor with MD

ELECTRICAL CIRCUIT DIAGRAM MANUAL

6.11. FAN WIRING – ISL-G ENGINE, P. 6

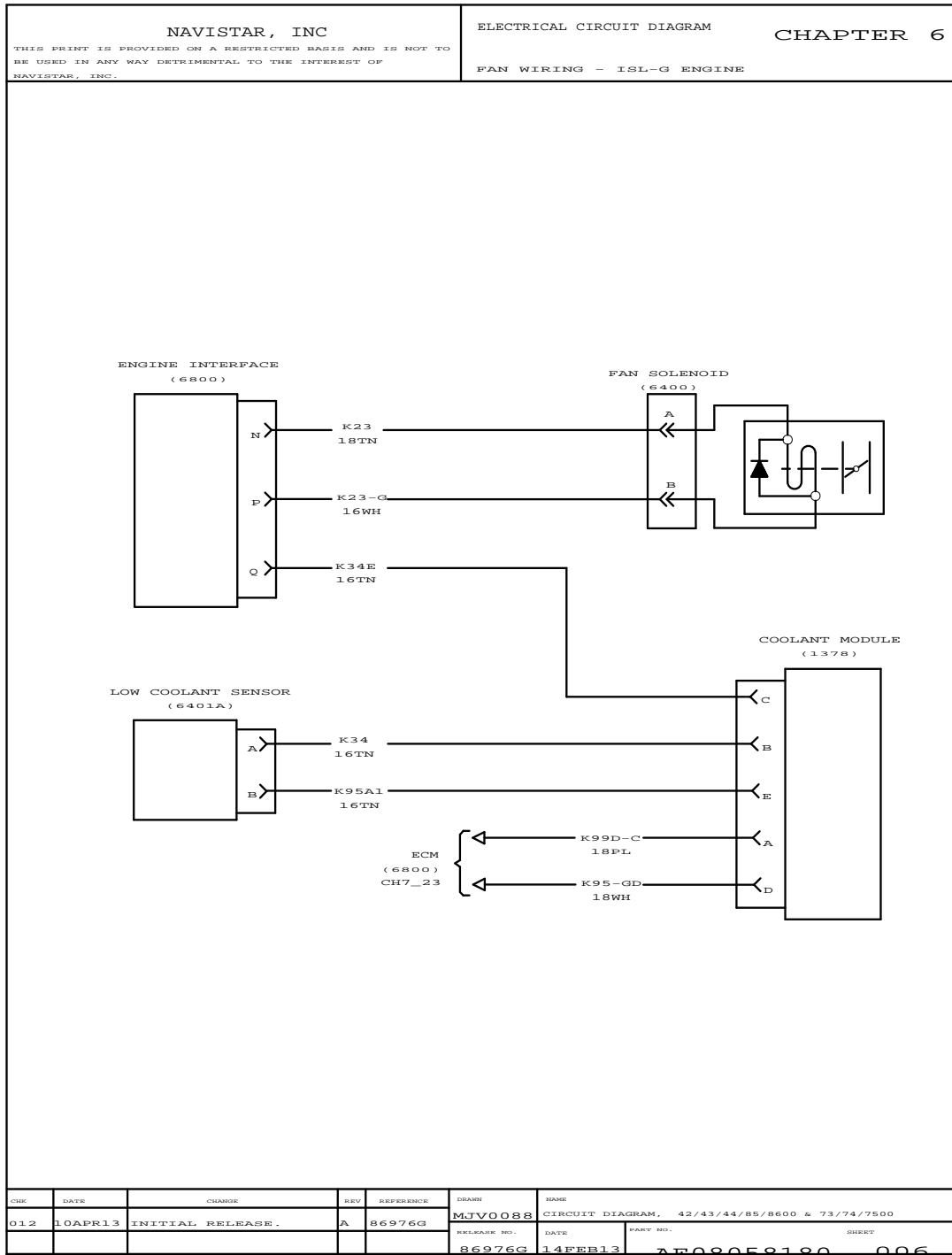


Figure 190 Fan Wiring – ISL-G Engine

ELECTRONIC ENGINES (CHAPTER 7)

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

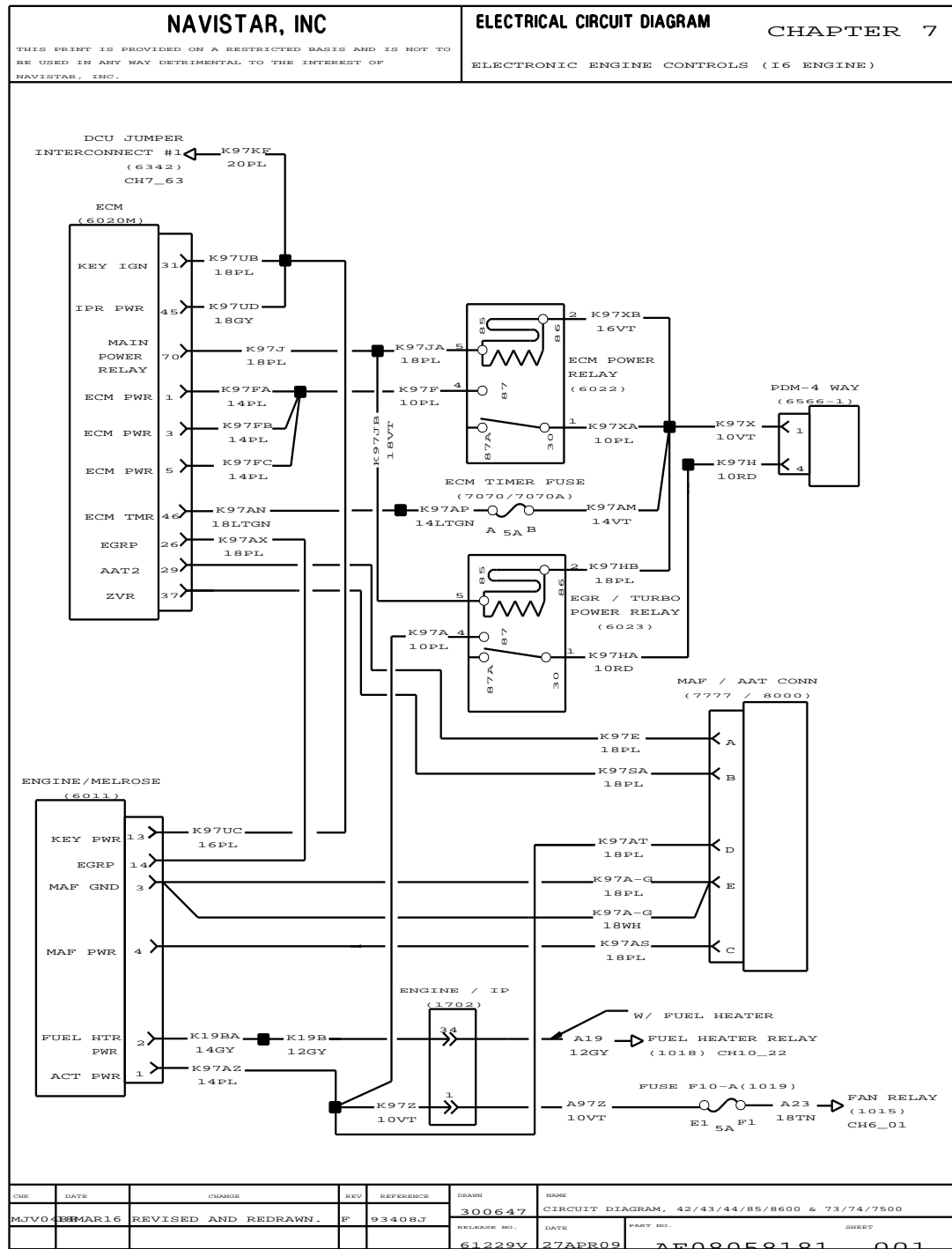


Figure 191 Electronic Engine Controls, I6 Engines

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

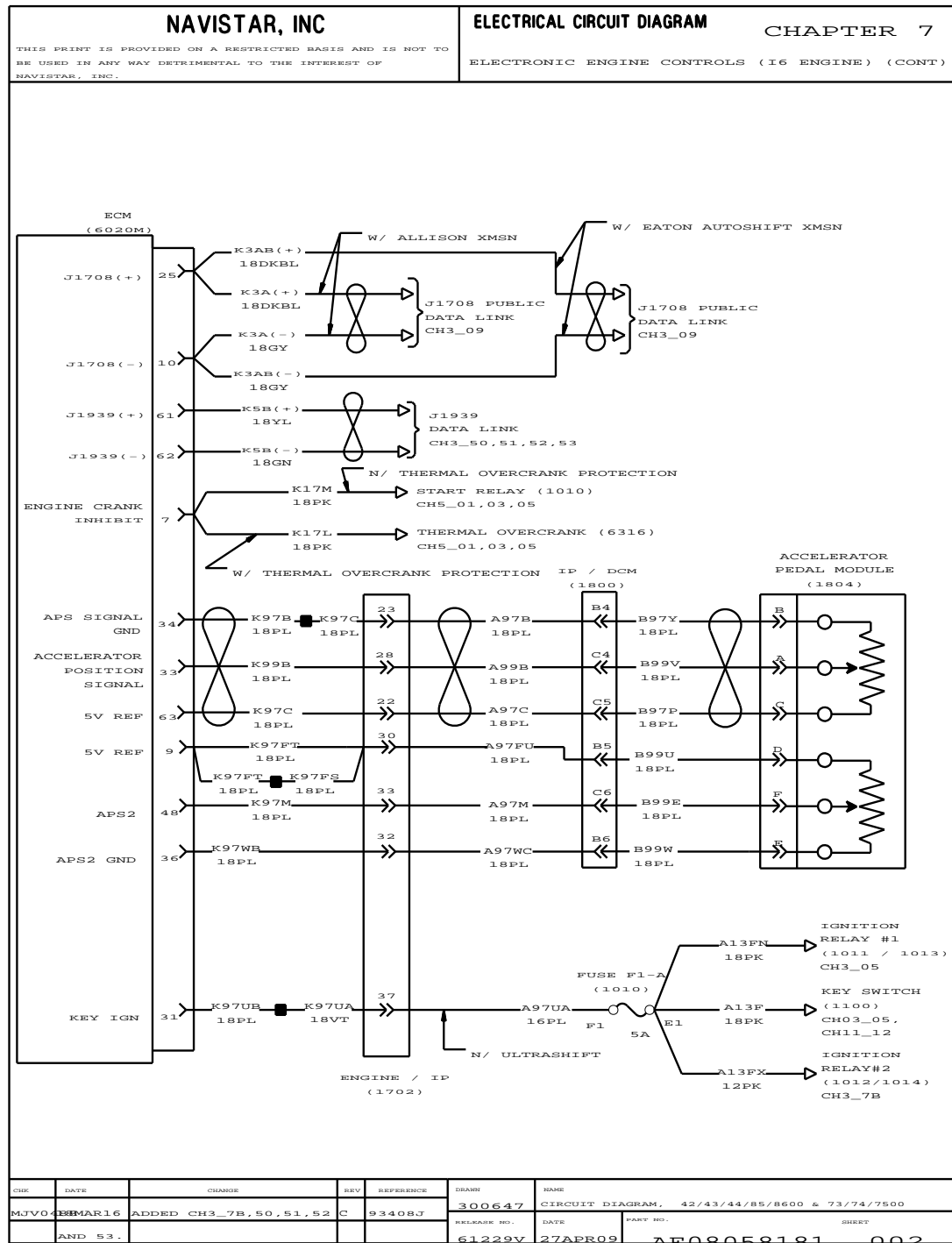


Figure 193 Electronic Engine Controls, I6 Engines (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

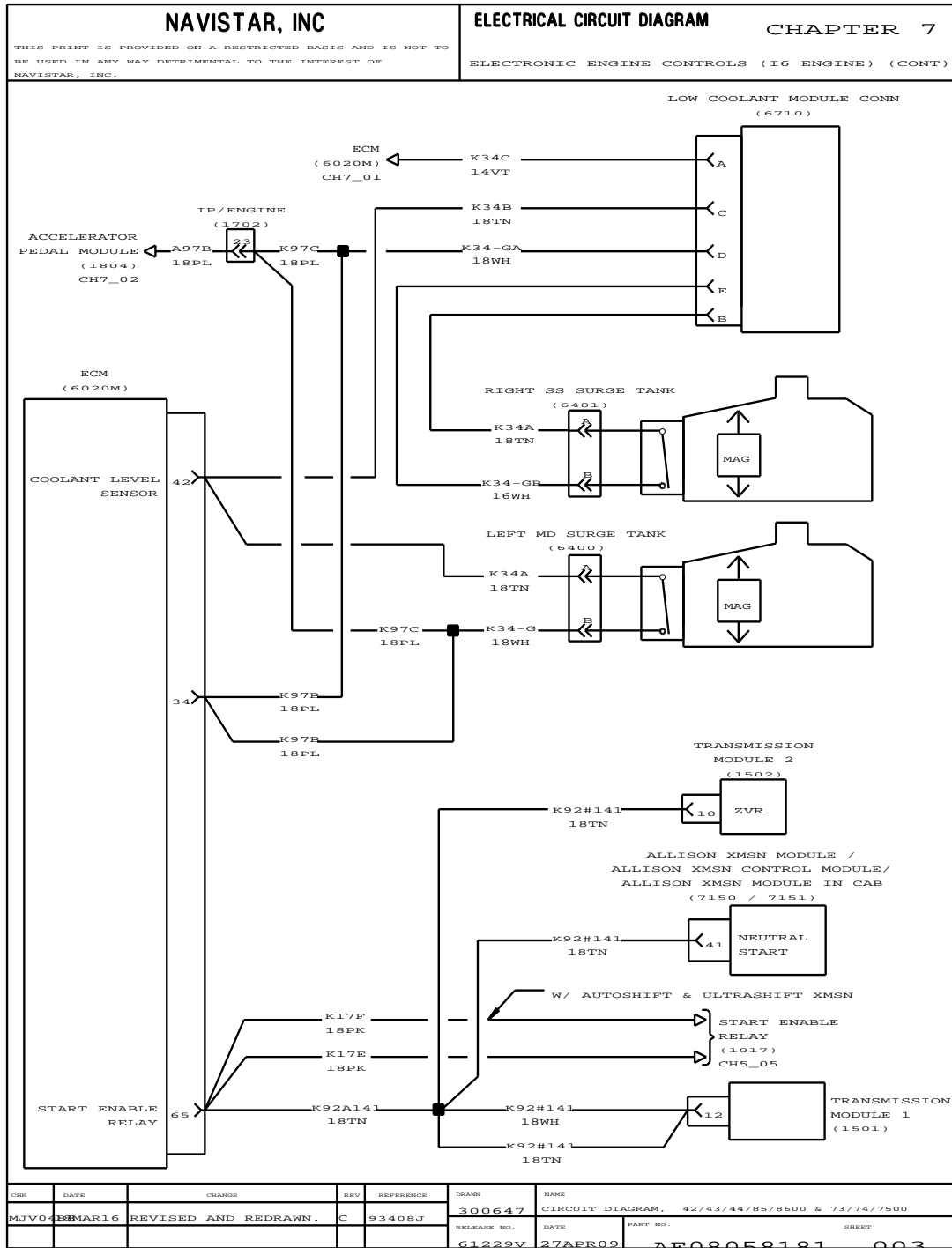


Figure 194 Electronic Engine Controls, I6 Engines (Cont.)

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

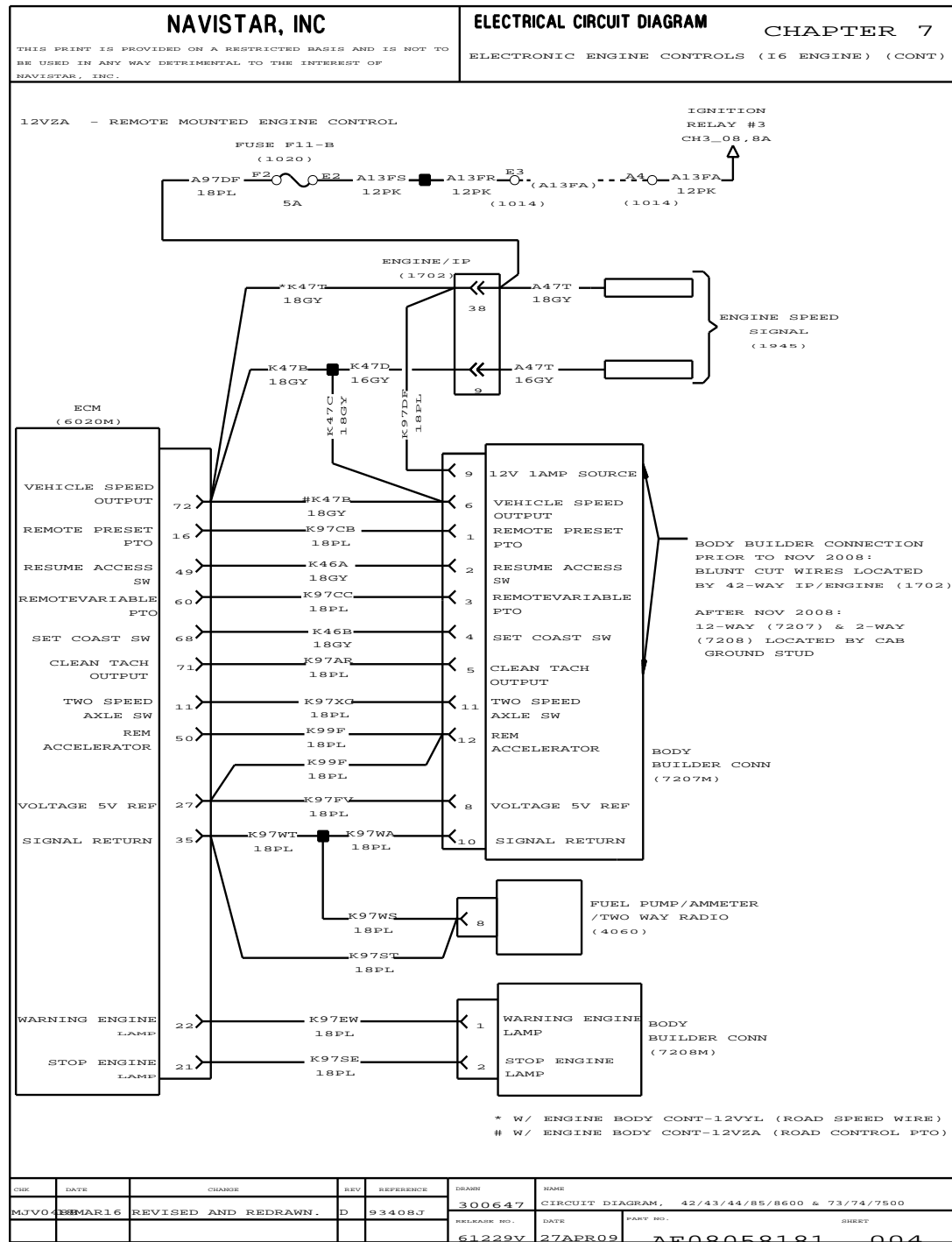


Figure 195 Electronic Engine Controls, I6 Engines (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

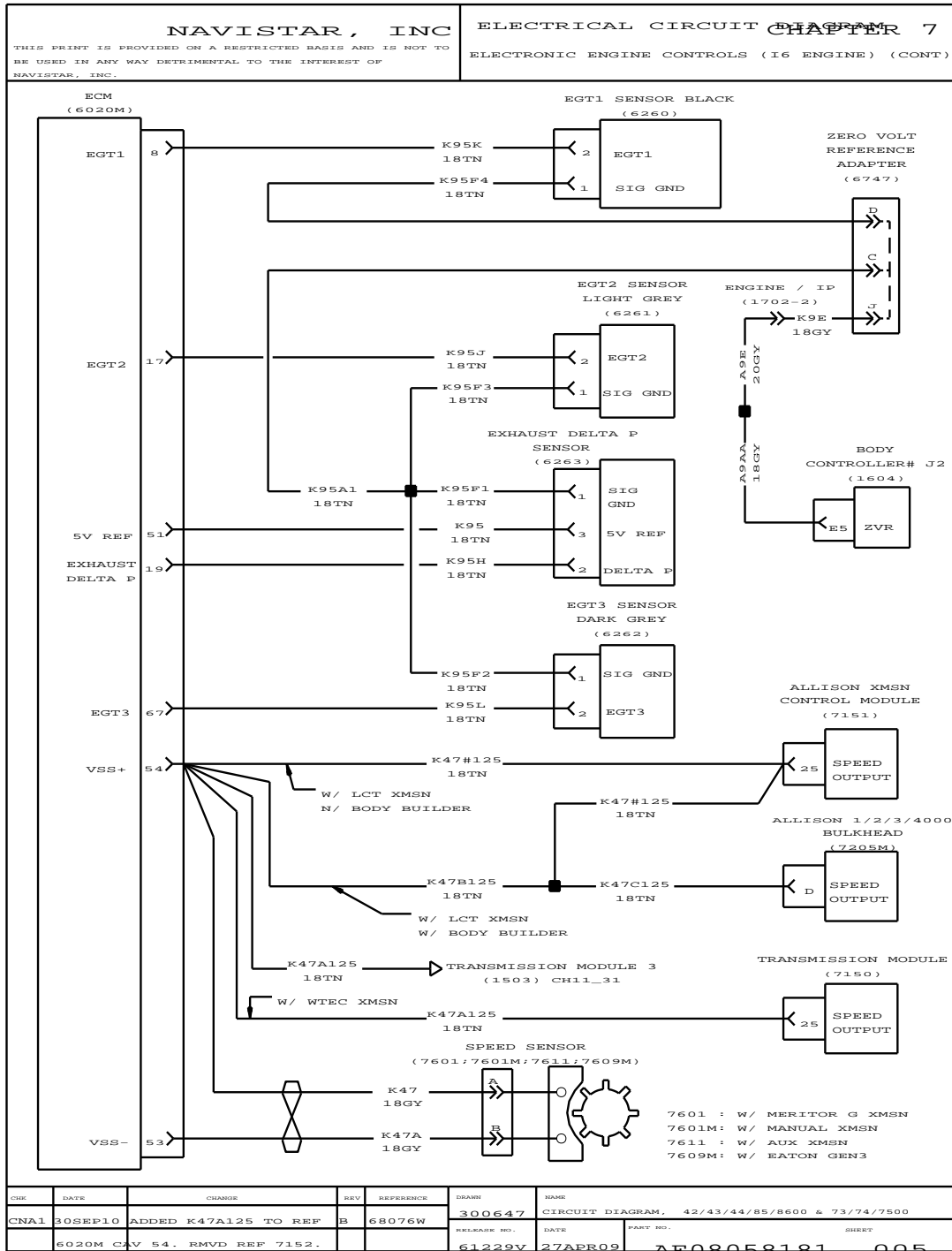


Figure 196 Electronic Engine Controls, I6 Engines (Cont.)

7.7. CRUISE CONTROL, P. 6

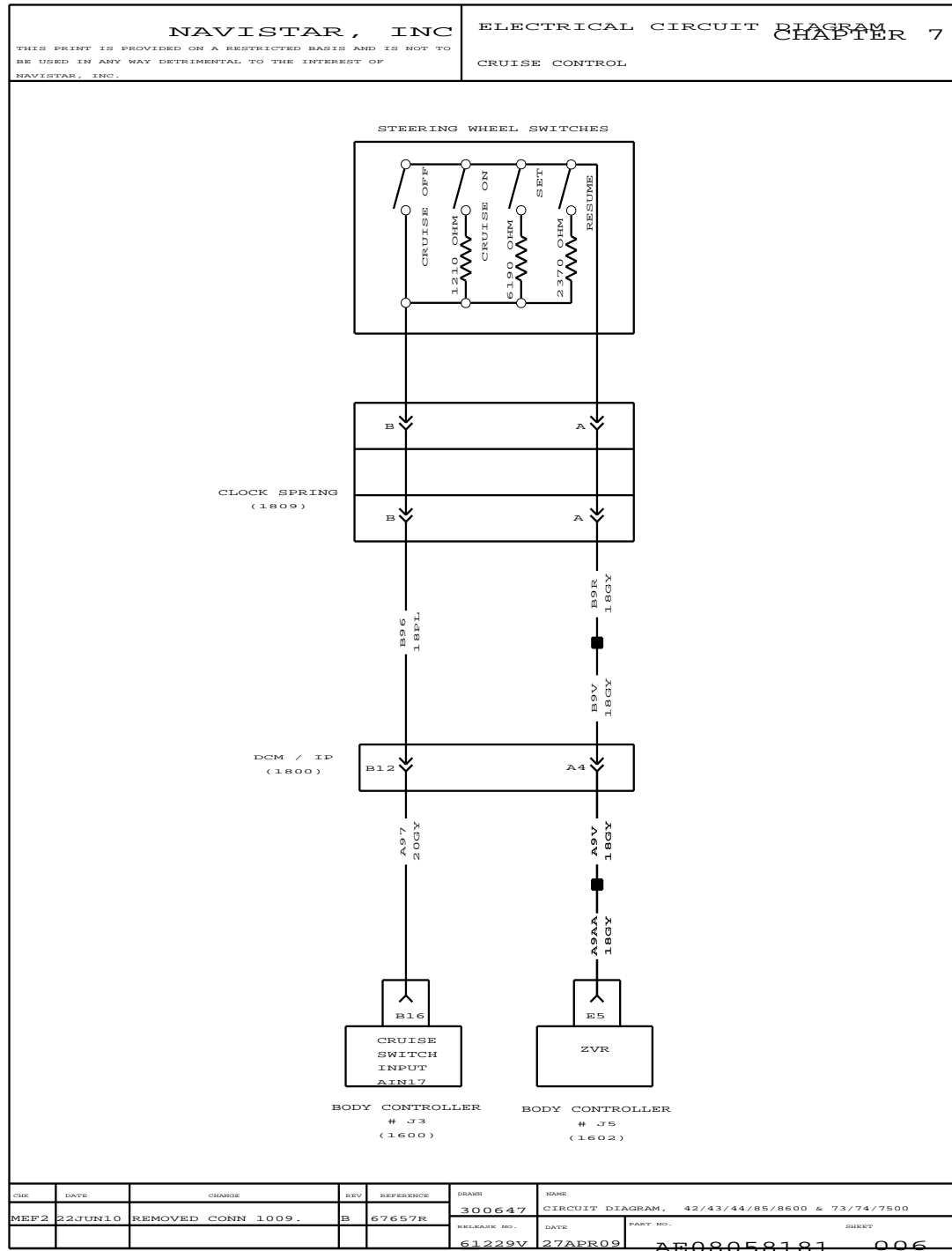


Figure 197 Cruise Control

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

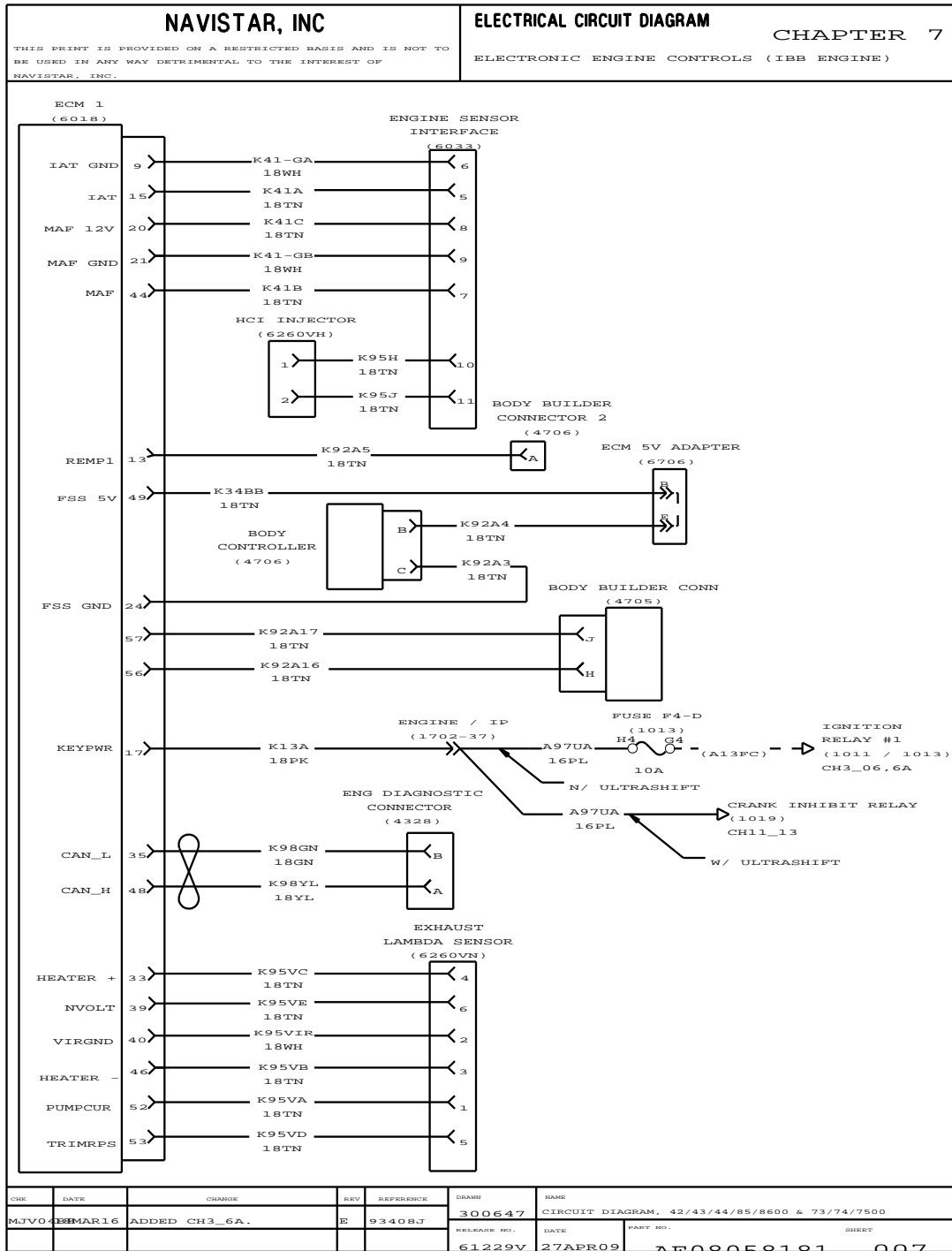


Figure 198 Electronic Engine Controls, IBB Engines

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

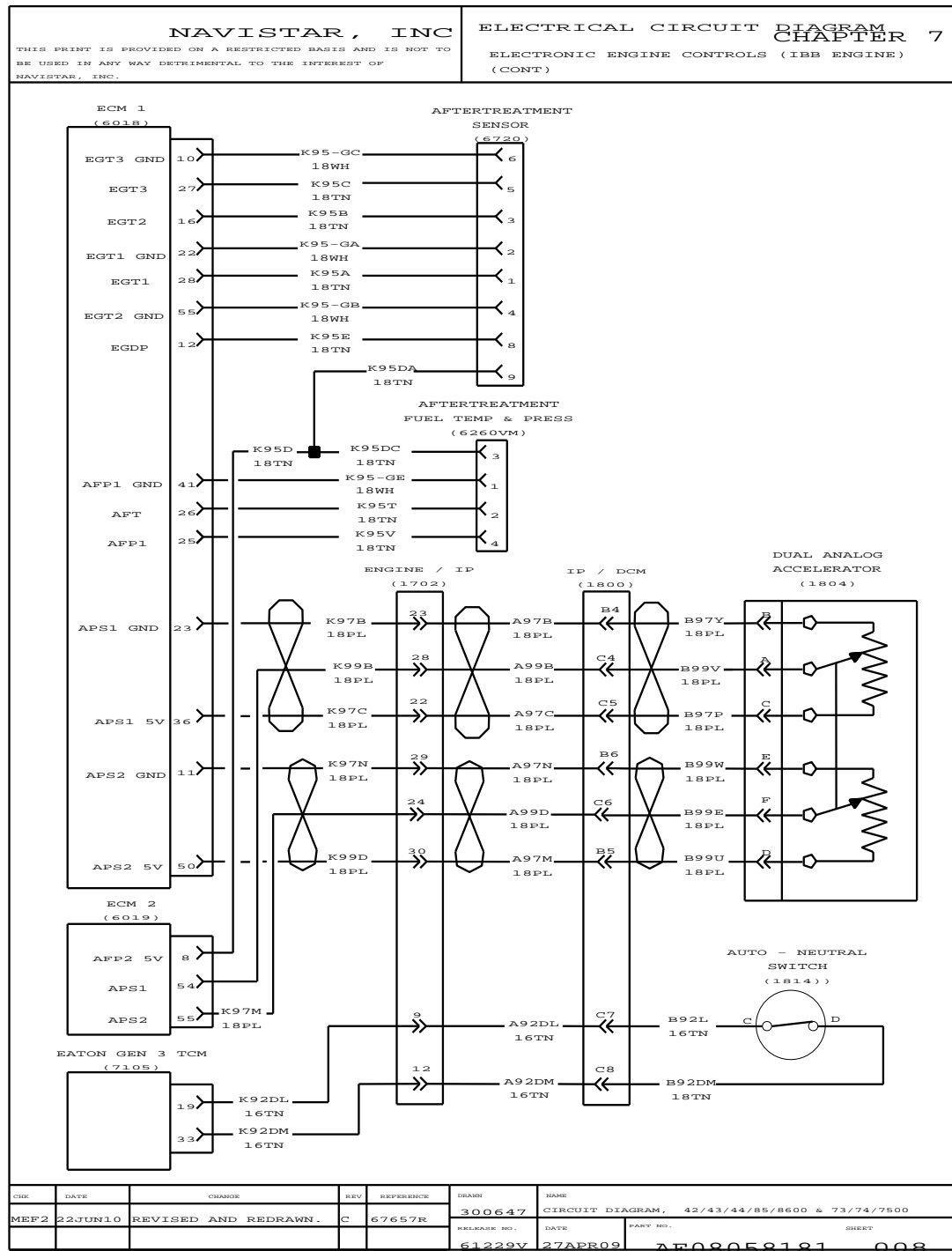


Figure 199 Electronic Engine Controls, IBB Engines (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

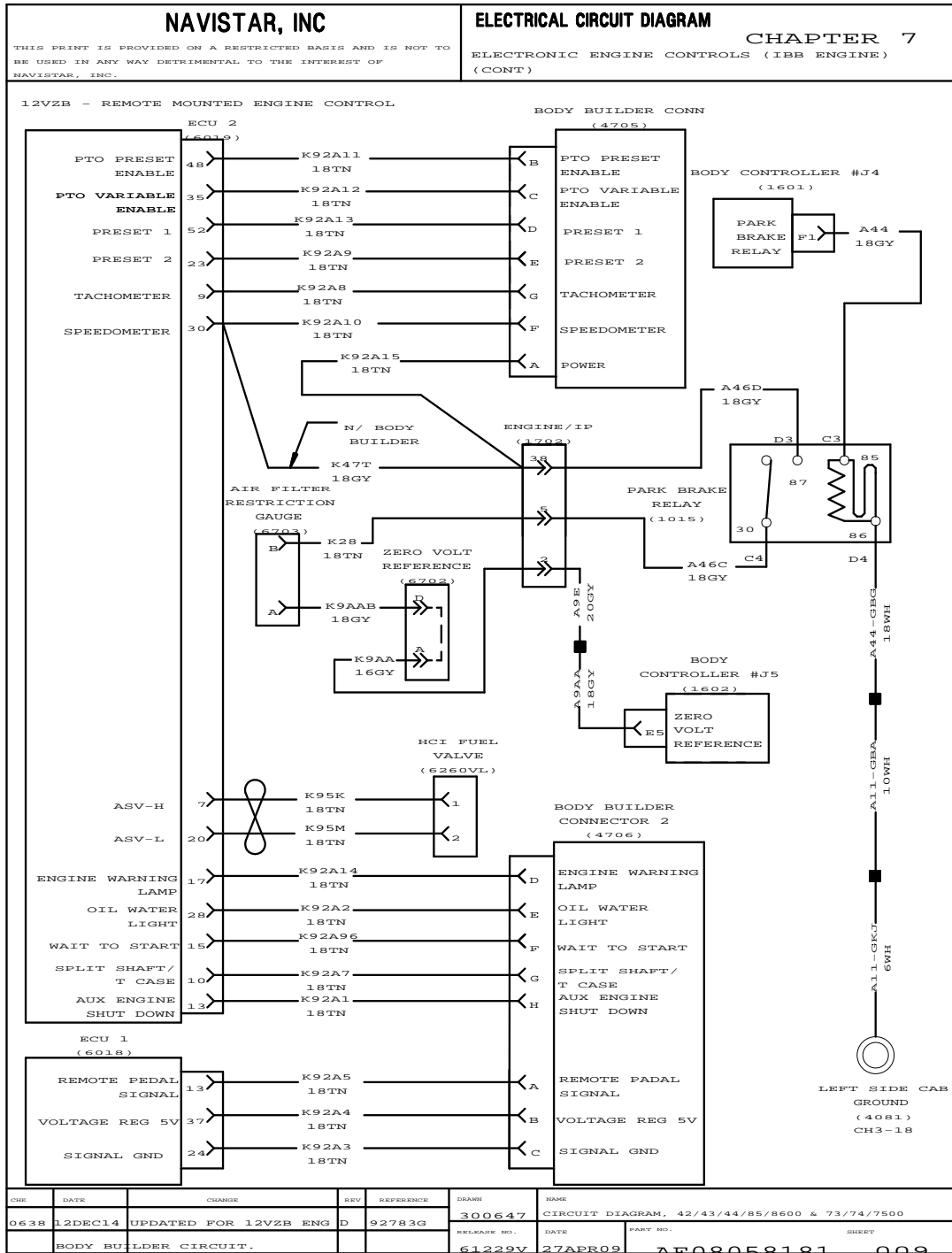


Figure 200 Electronic Engine Controls, IBB Engines (Cont.)

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

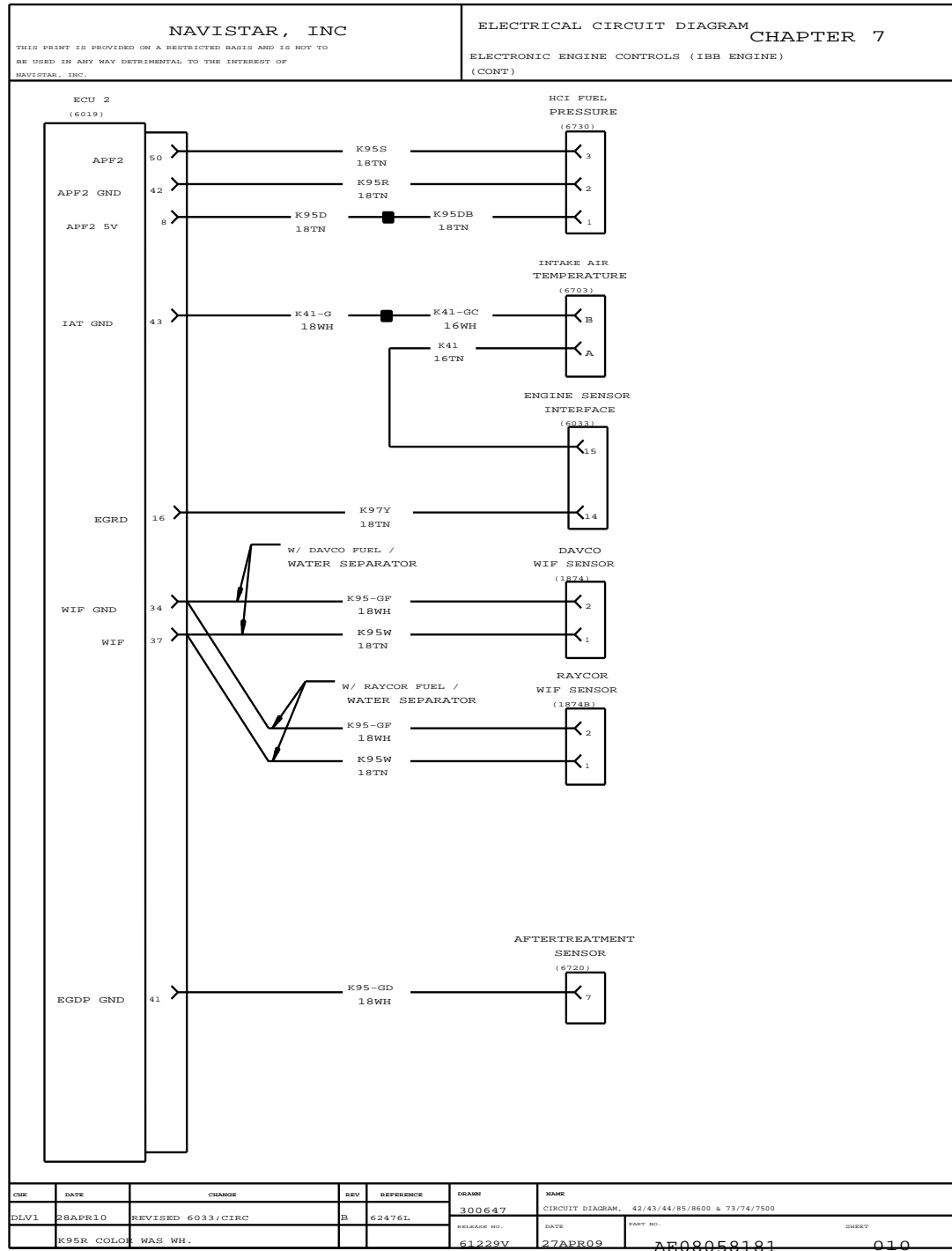


Figure 201 Electronic Engine Controls, IBB Engines (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

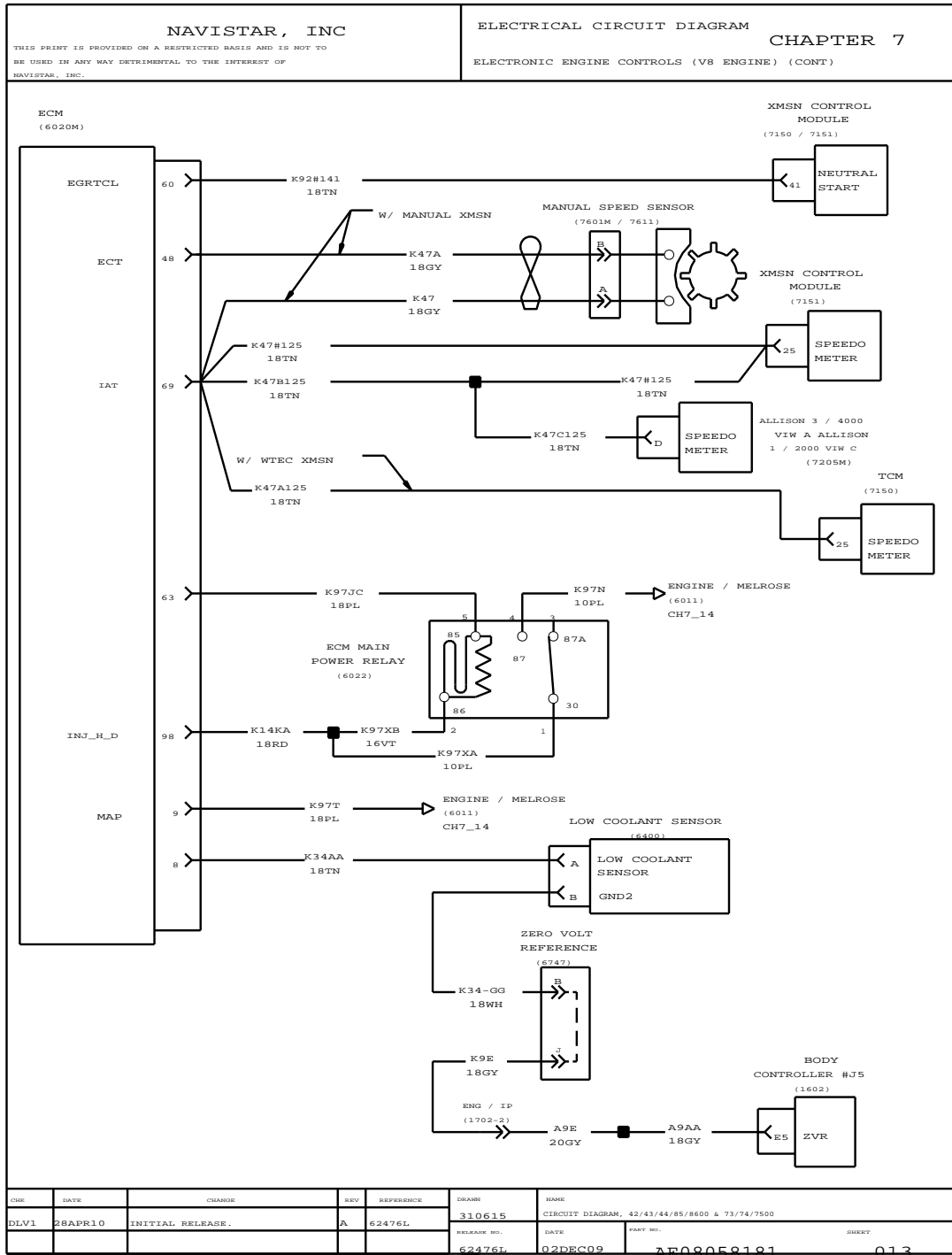


Figure 204 Electronic Engine Controls, V8 Engines (Cont.)

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

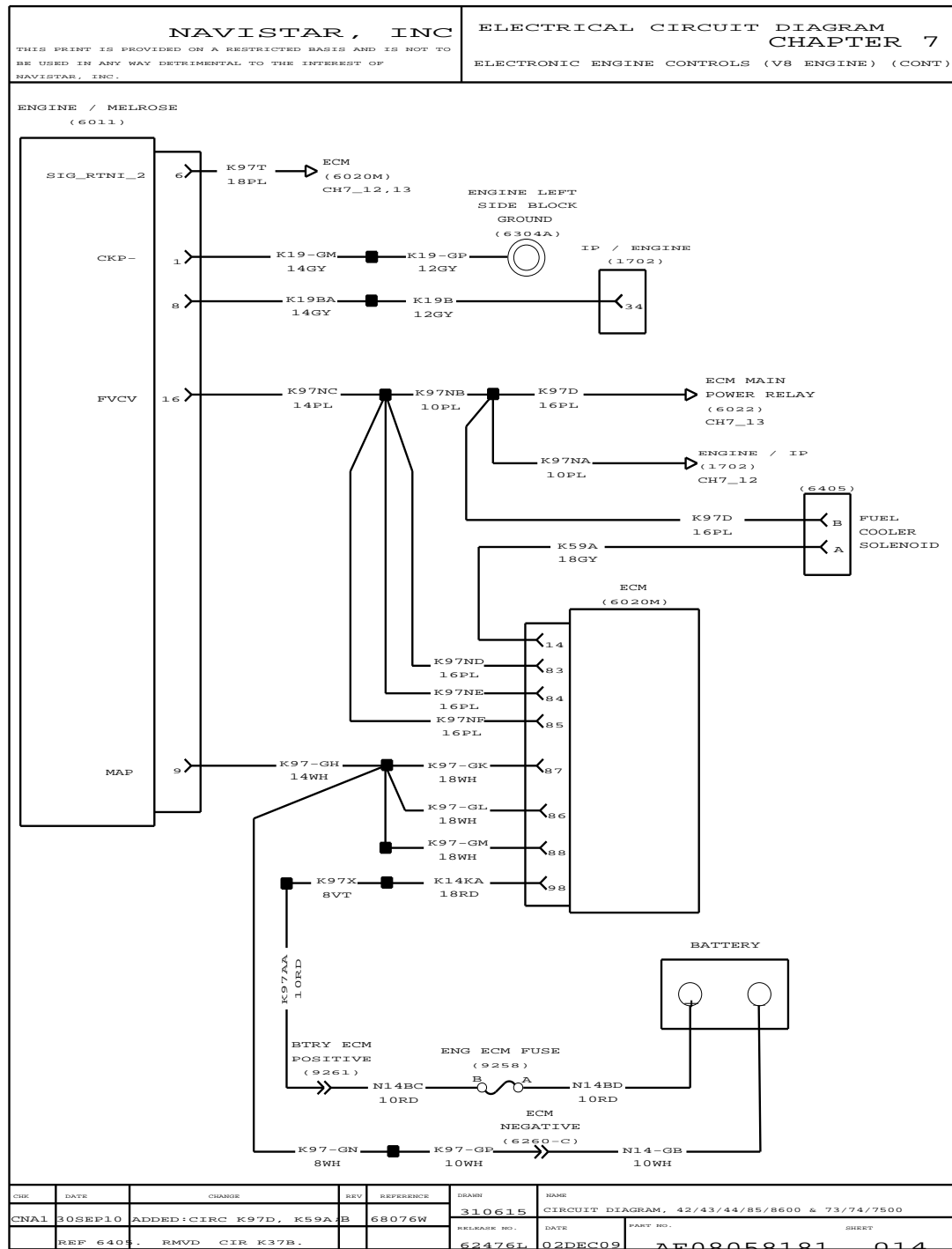


Figure 205 Electronic Engine Controls, V8 Engines (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

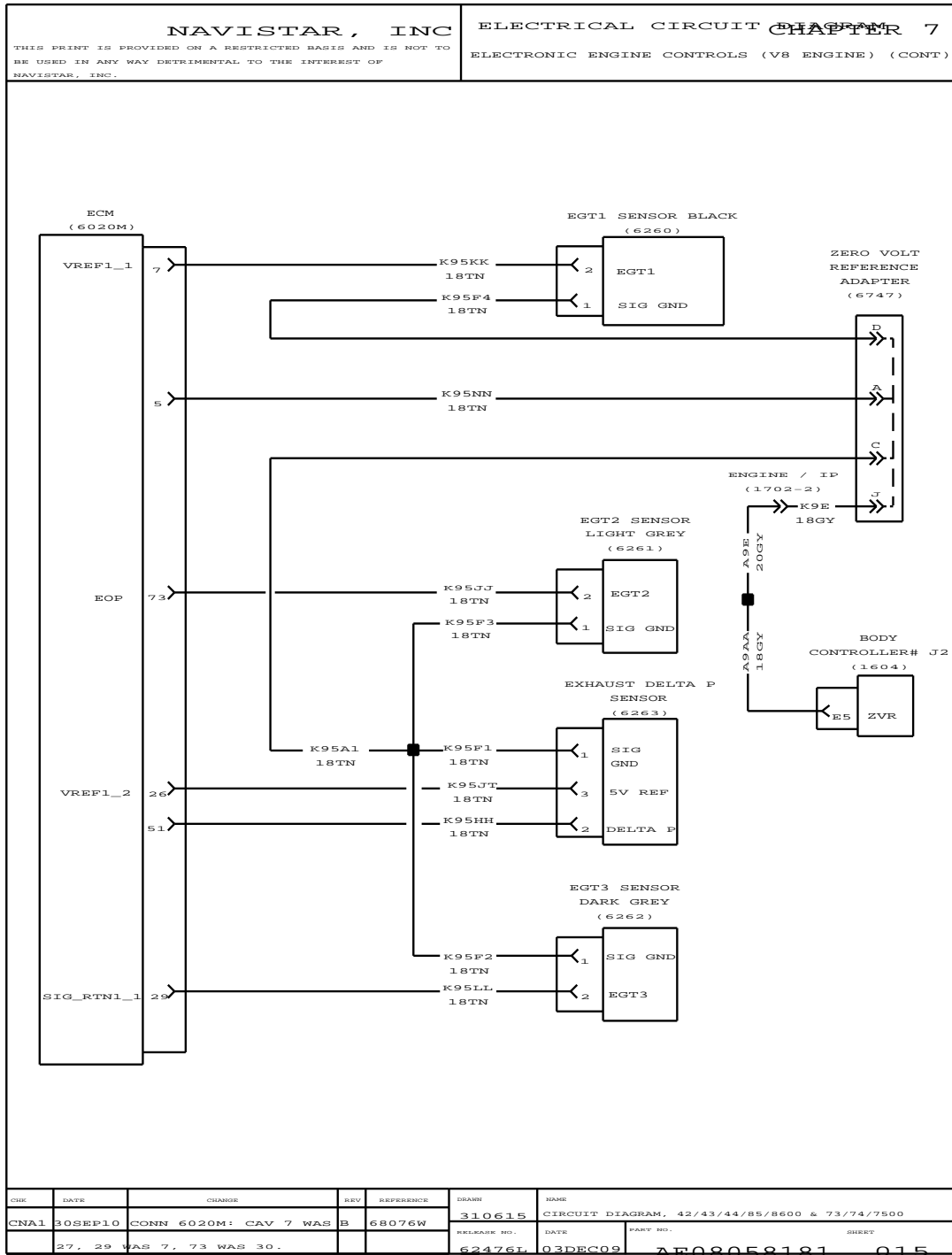


Figure 206 Electronic Engine Controls, V8 Engines (Cont.)

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

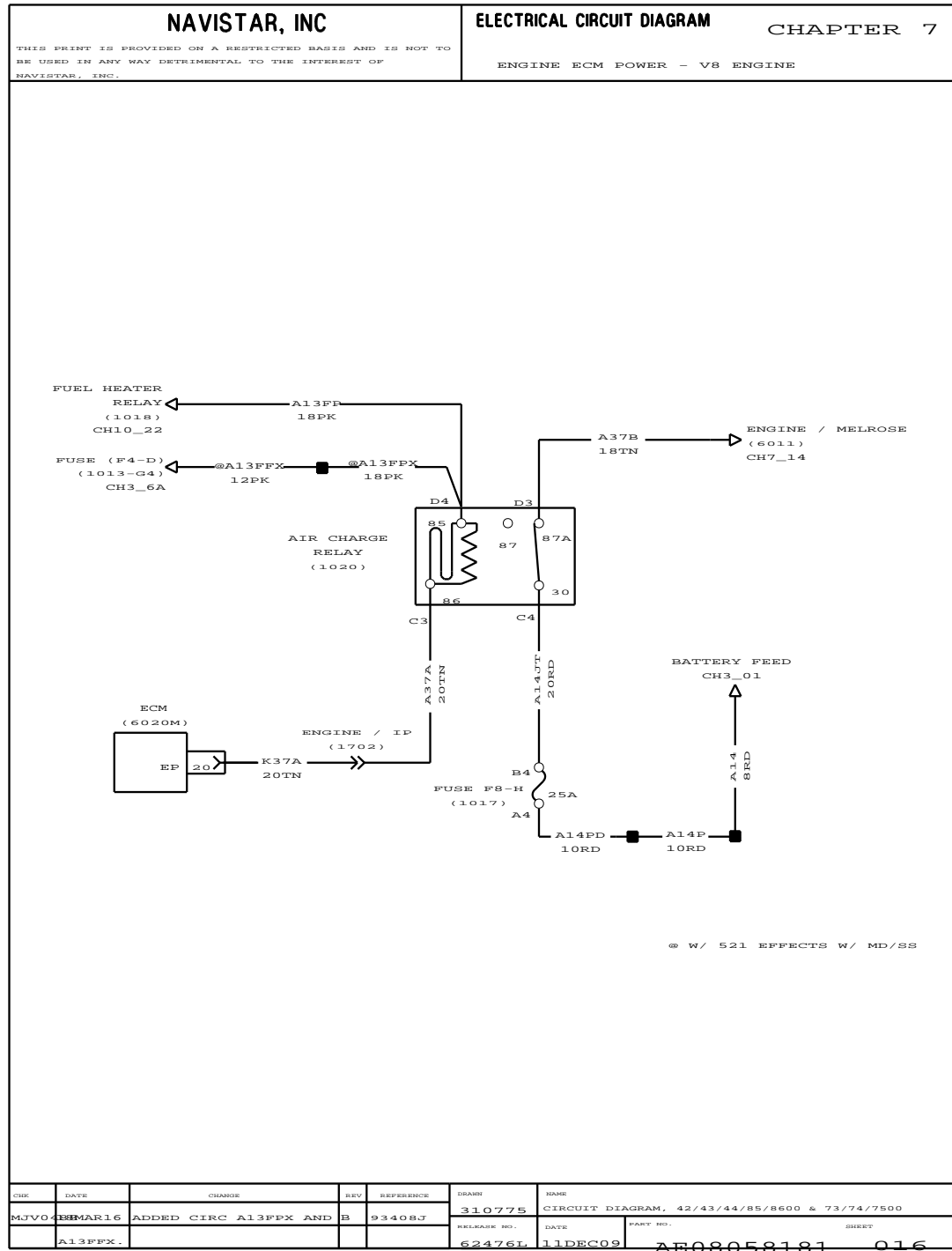


Figure 207 Engine ECM Power – V8 Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

7.18. ELECTRONIC ENGINE CONTROLS – I6 ENGINE (CONT.), P. 17

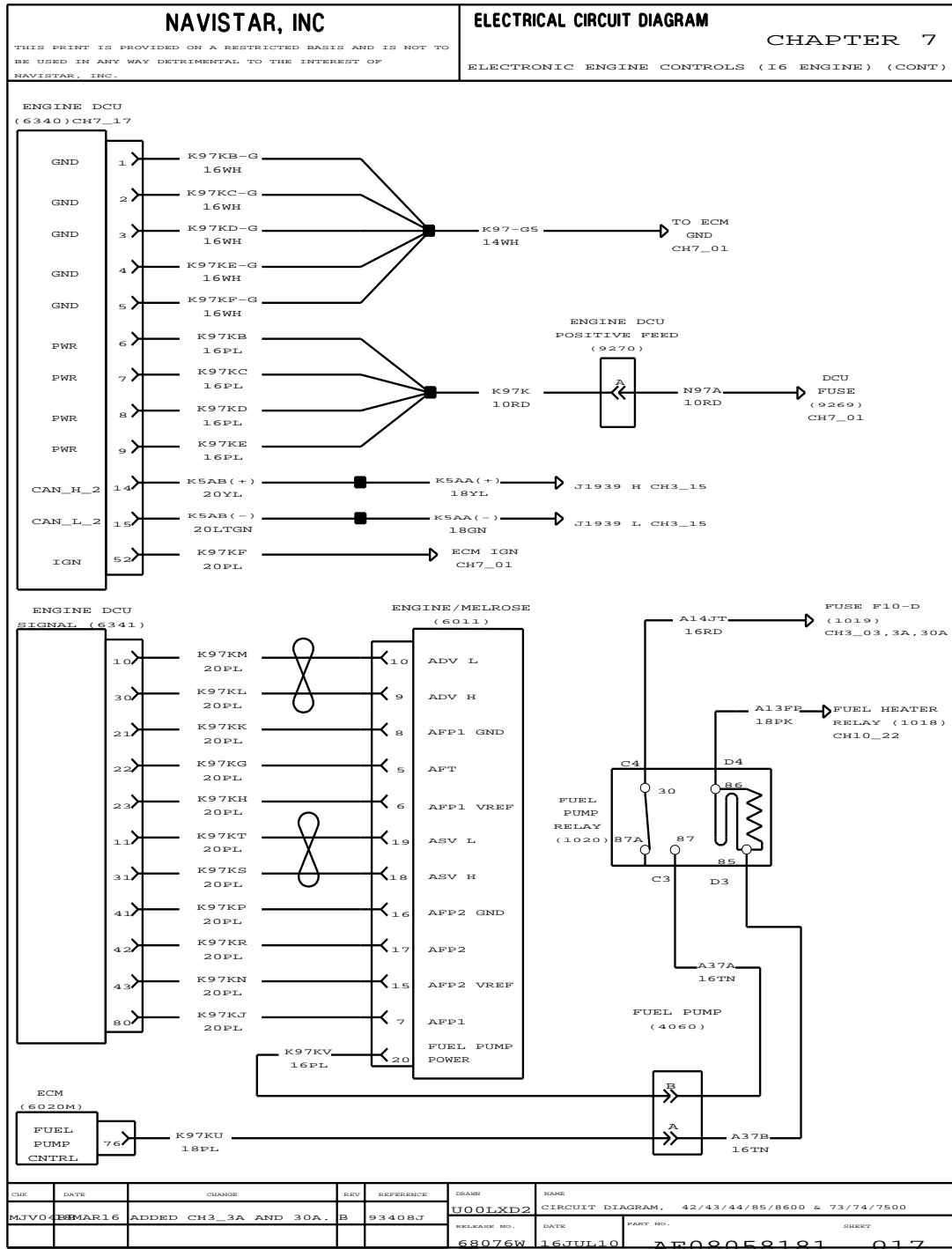


Figure 208 Electronic Engine Controls – I6 Engine (Cont.)

7.19. ELECTRONIC ENGINE CONTROLS – I6 ENGINE (CONT.) WITH EXHAUST BRAKE, P. 18

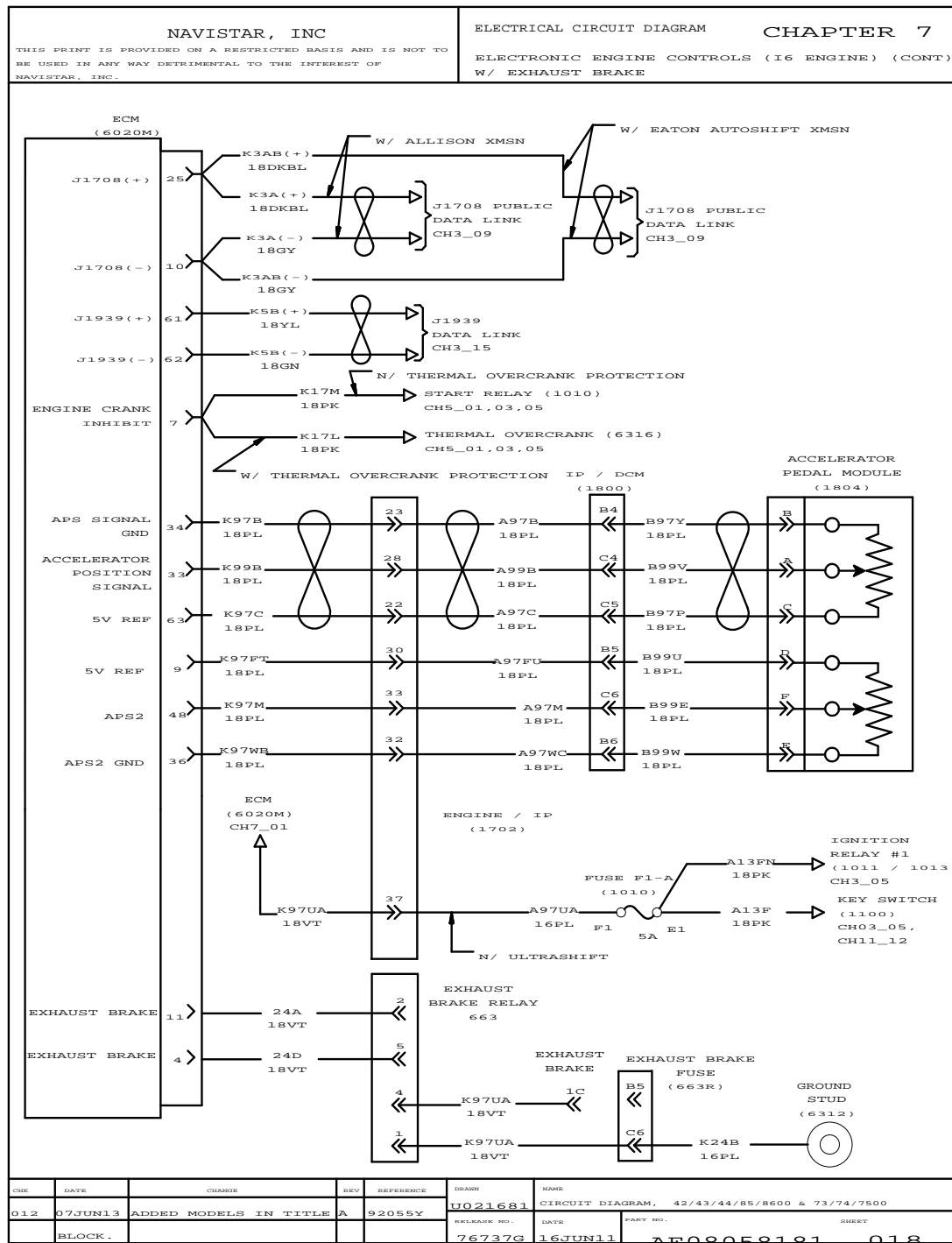


Figure 209 Electronic Engine Controls – I6 Engine (Cont.) with Exhaust Brake

ELECTRICAL CIRCUIT DIAGRAM MANUAL

7.20. ELECTRONIC ENGINE CONTROLS – I6 ENGINE (CONT.) WITH W.I.F., P. 19

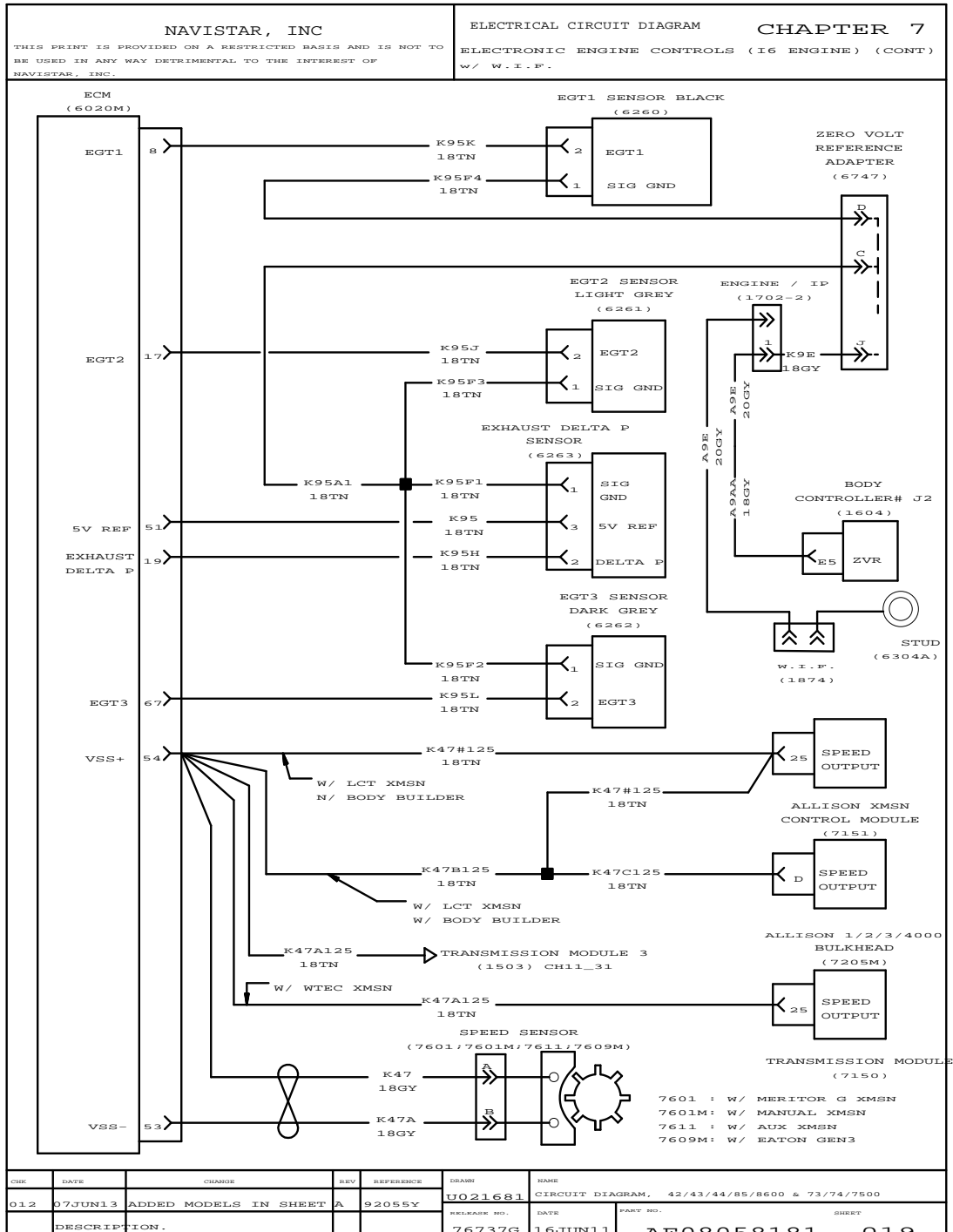


Figure 210 Electronic Engine Controls – I6 Engine (Cont.) with W.I.F.

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

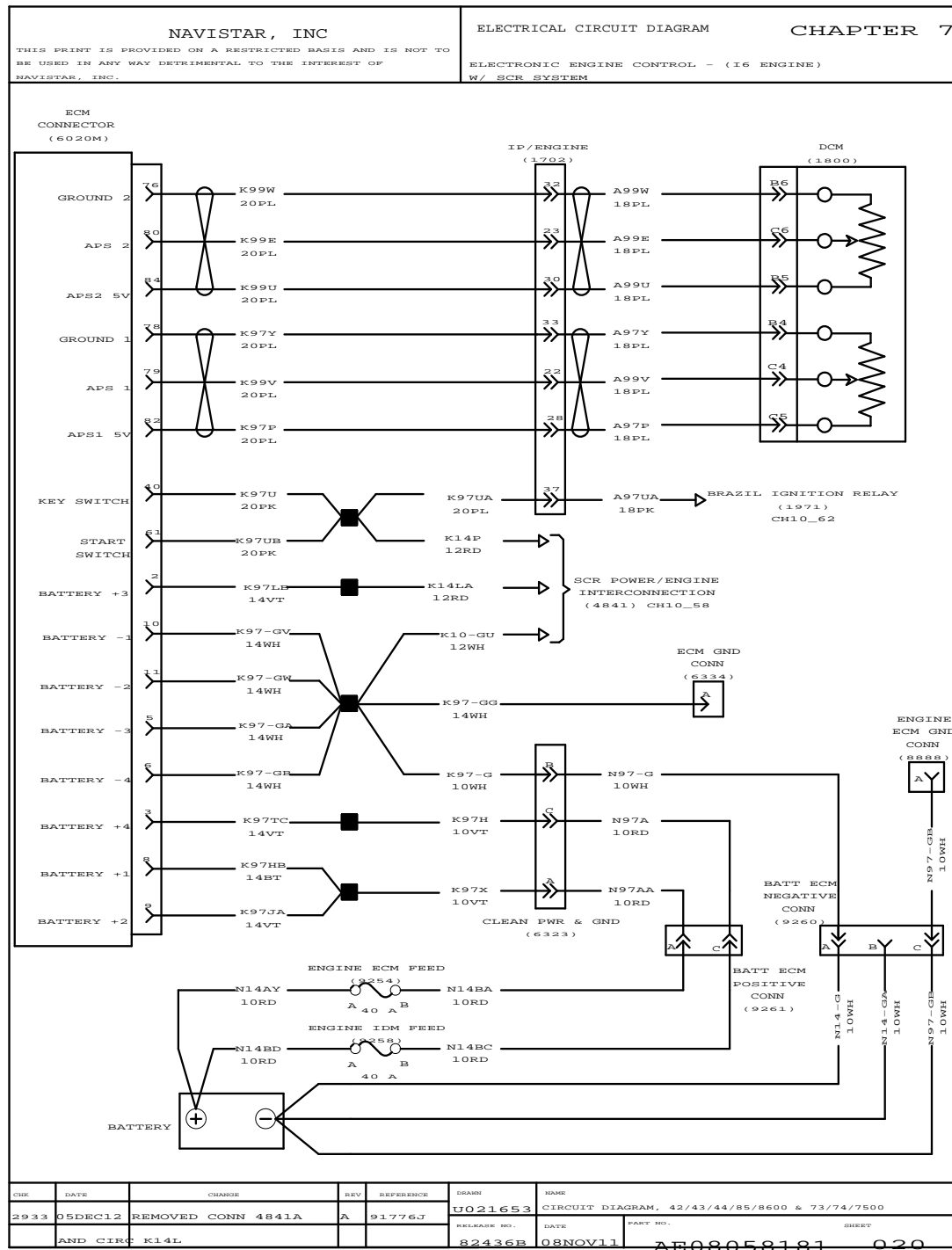


Figure 211 Electronic Engine Controls – I6 Engine with SCR System

ELECTRICAL CIRCUIT DIAGRAM MANUAL

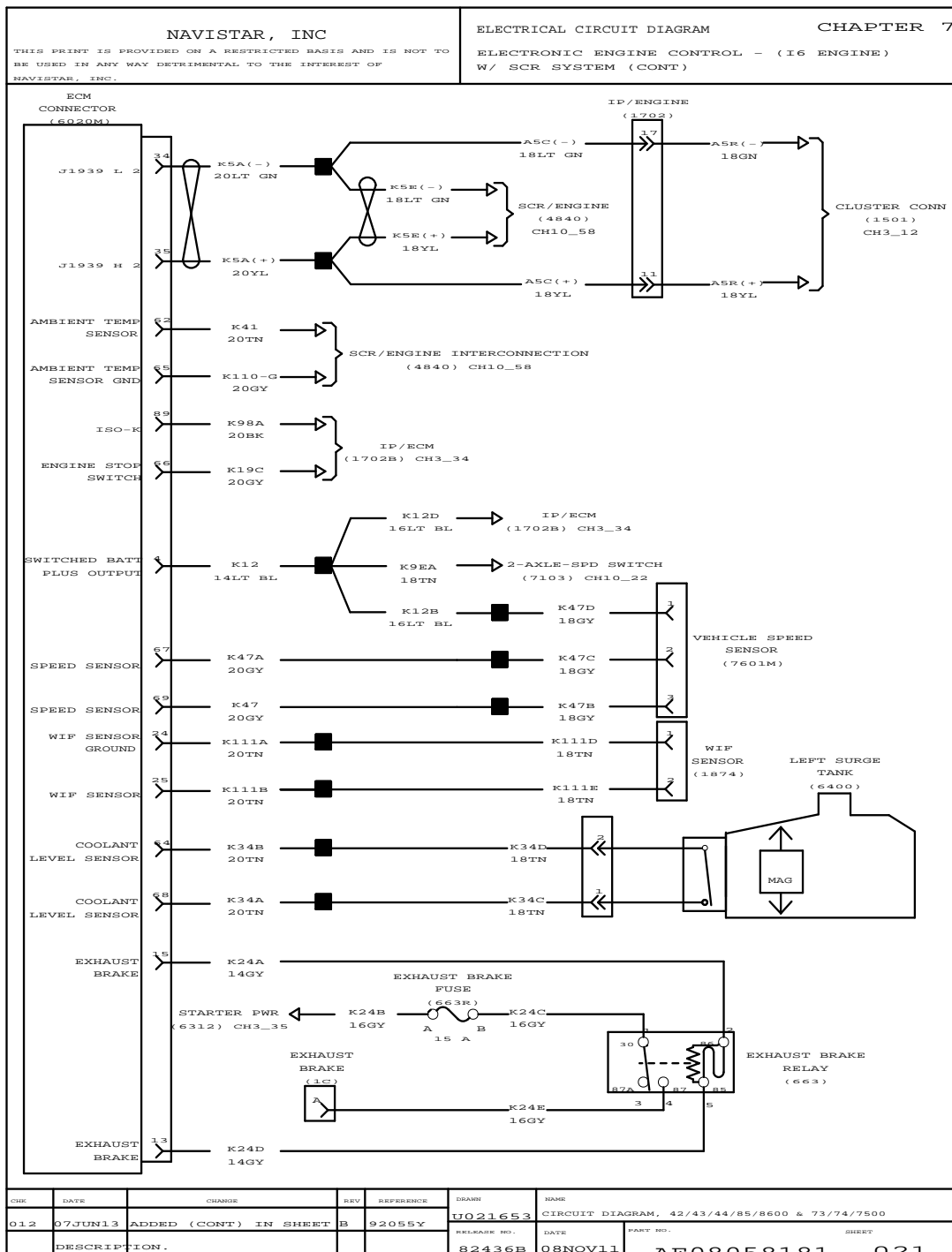
7.22. ELECTRONIC ENGINE CONTROLS – I6 ENGINE WITH SCR SYSTEM (CONT.),
P. 21

Figure 212 Electronic Engine Controls – I6 Engine with SCR System (Cont.)

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

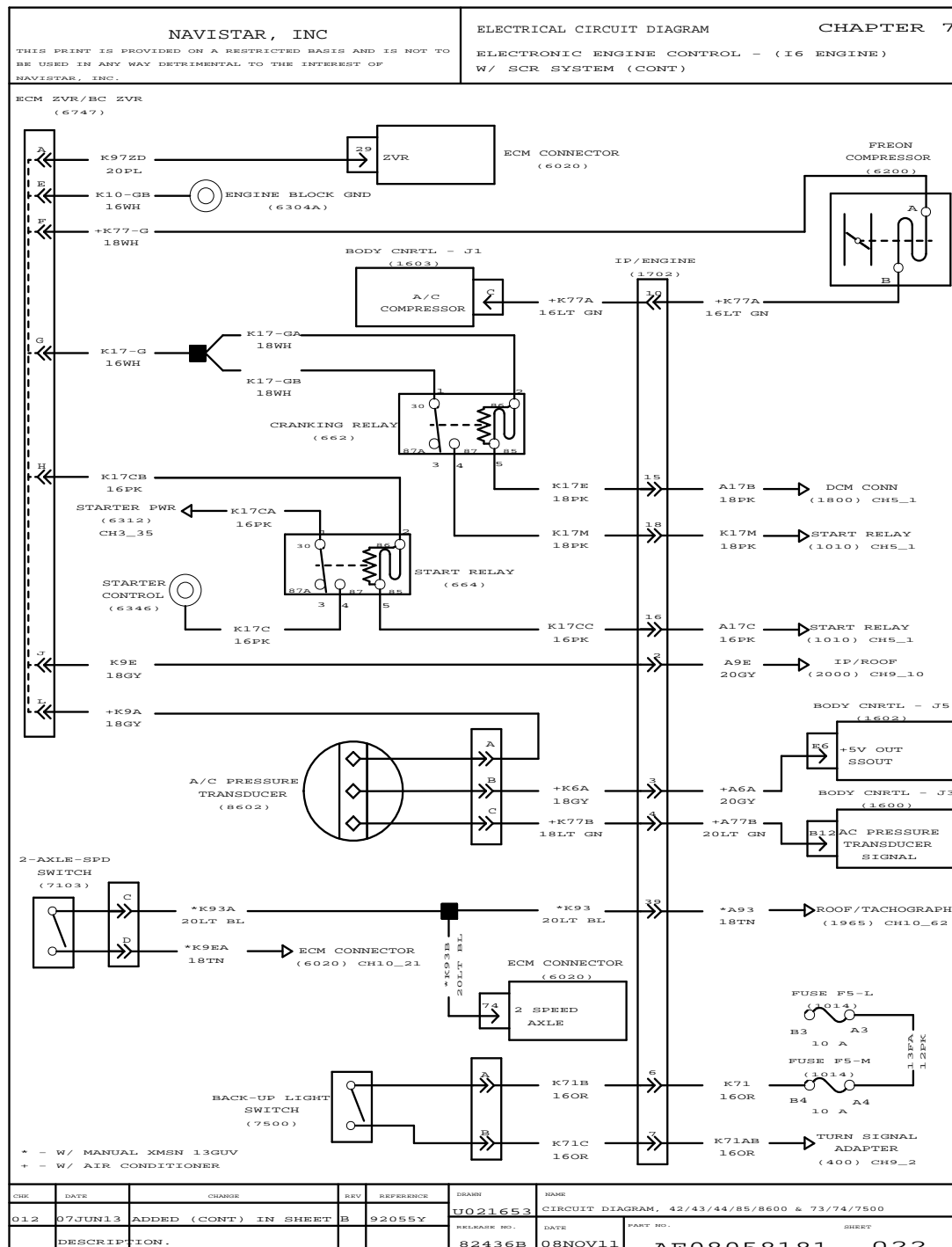


Figure 213 Electronic Engine Controls – I6 Engine with SCR System (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

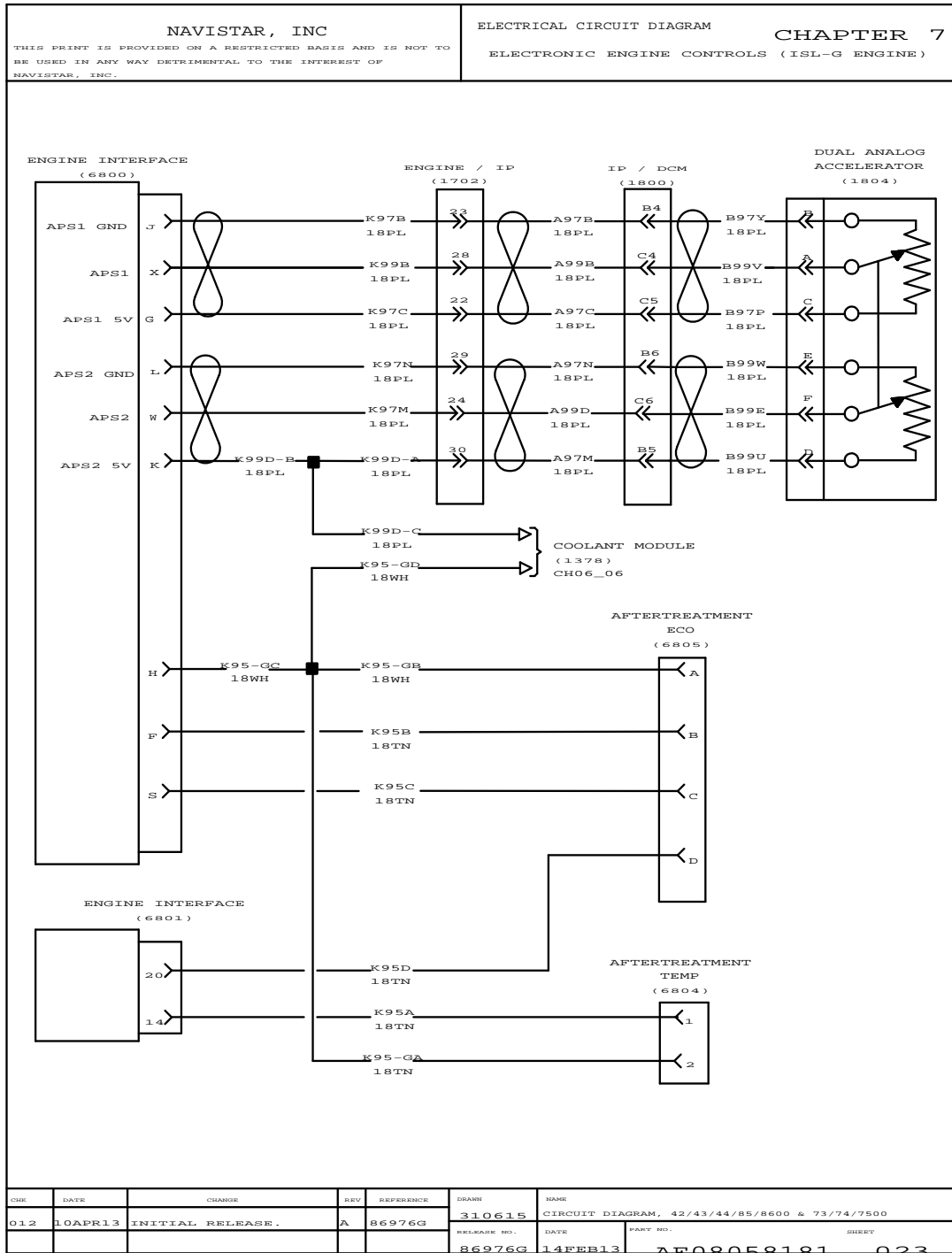


Figure 214 Electronic Engine Controls (ISL- G Engine)

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

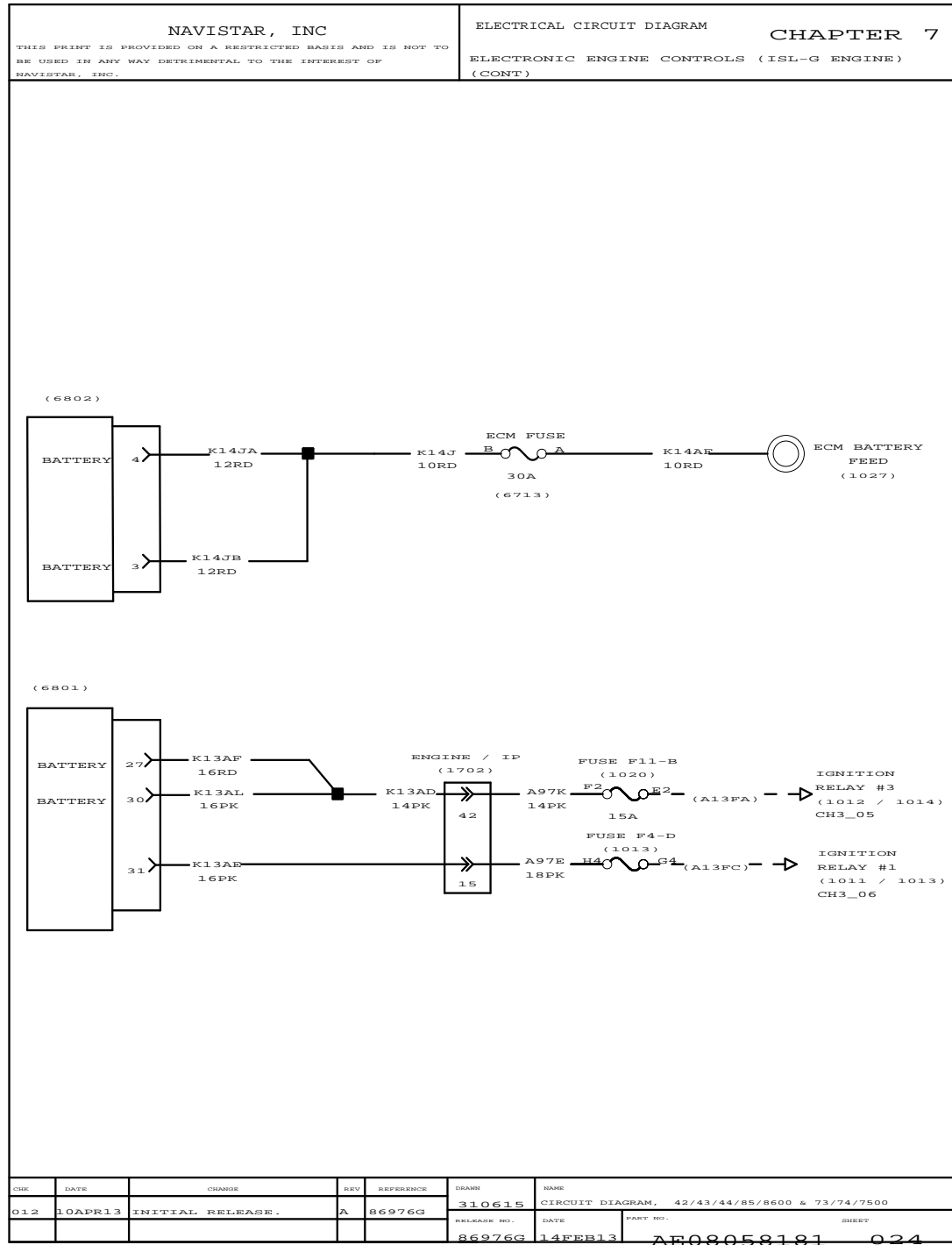


Figure 215 Electronic Engine Controls (ISL – G Engine) (Cont.)

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

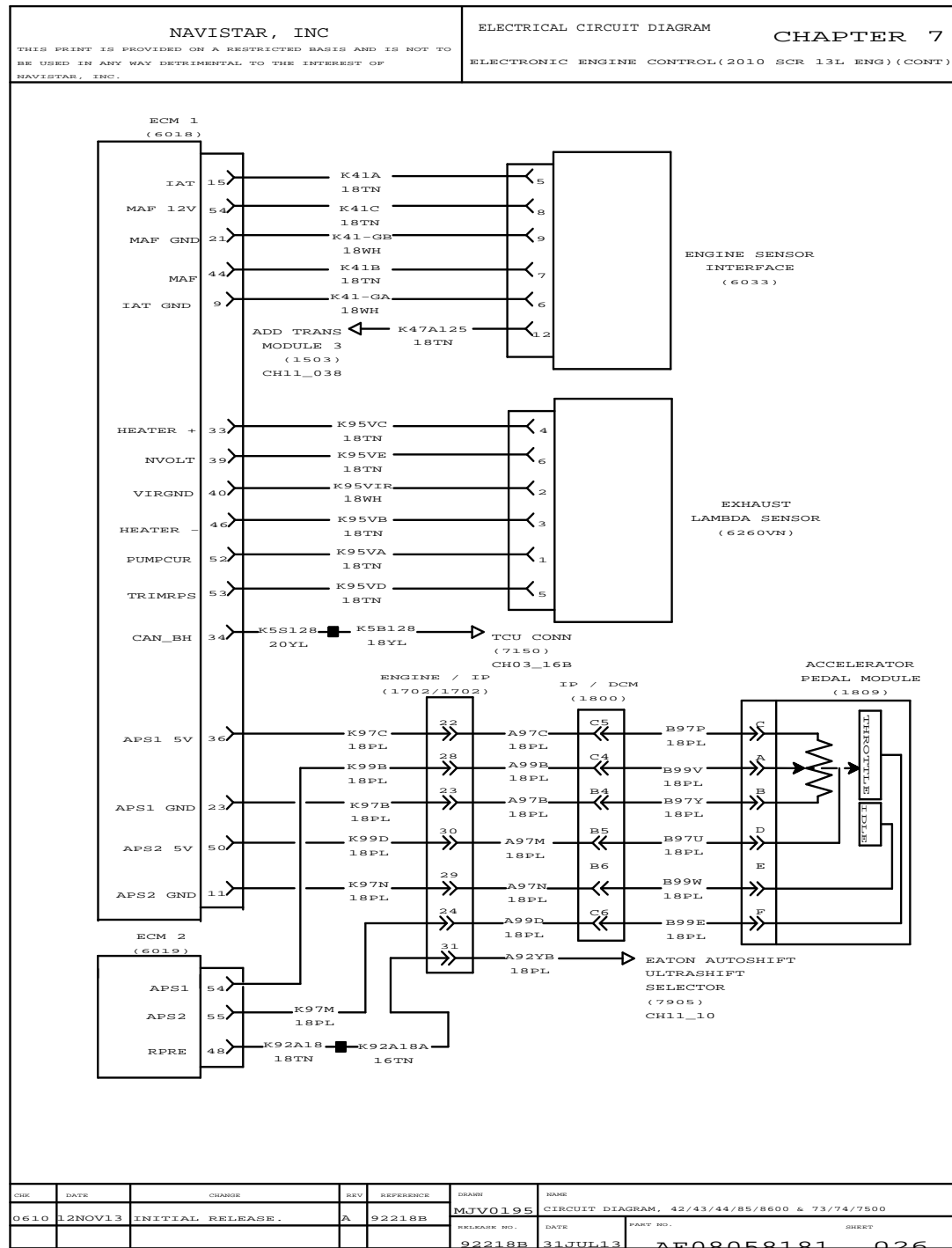


Figure 217 Electronic Engine Control (2010 SCR 13L Engine) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

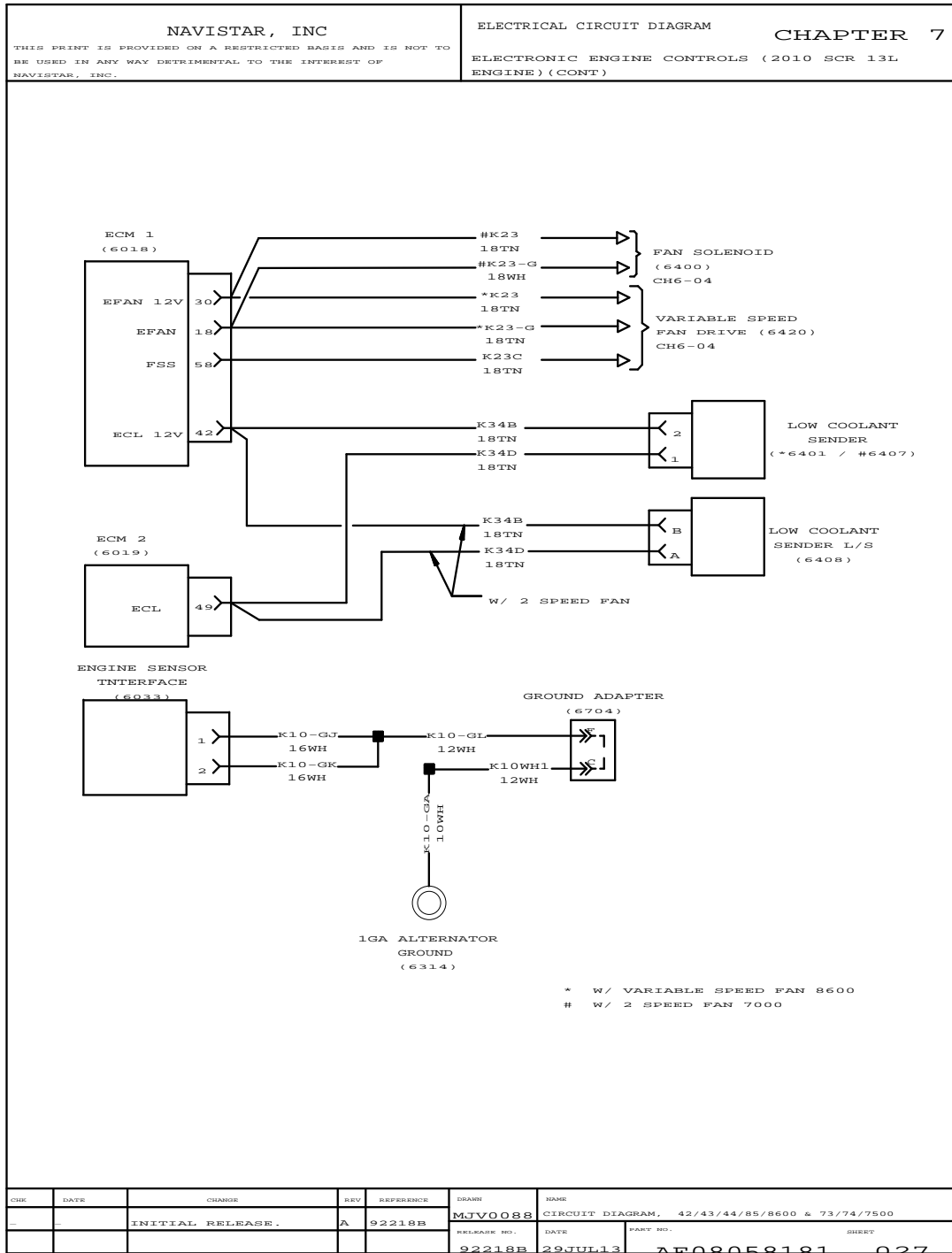


Figure 218 Electronic Engine Control (2010 SCR 13L Engine) (Cont.)

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

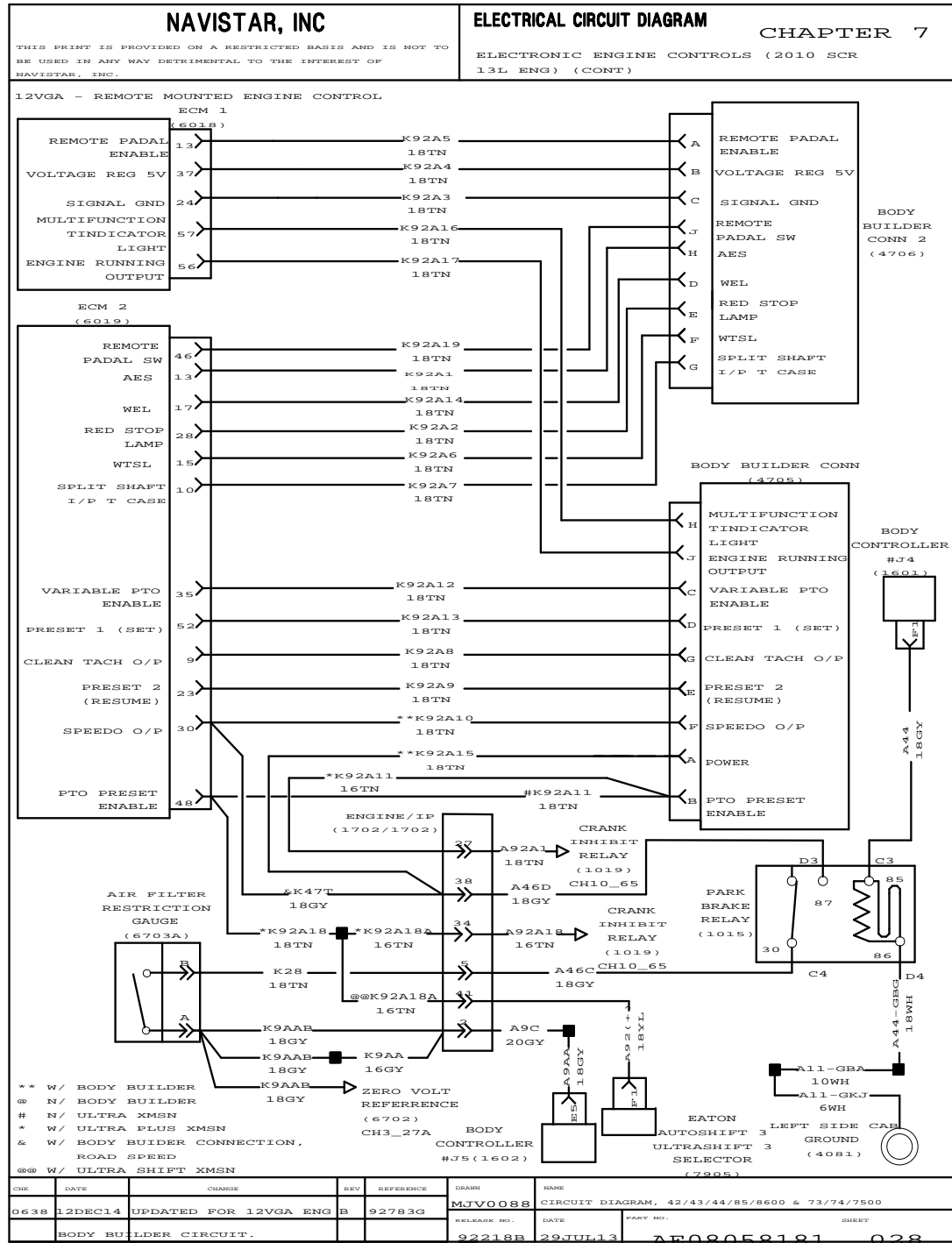


Figure 219 Electronic Engine Control (2010 SCR 13L Engine) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

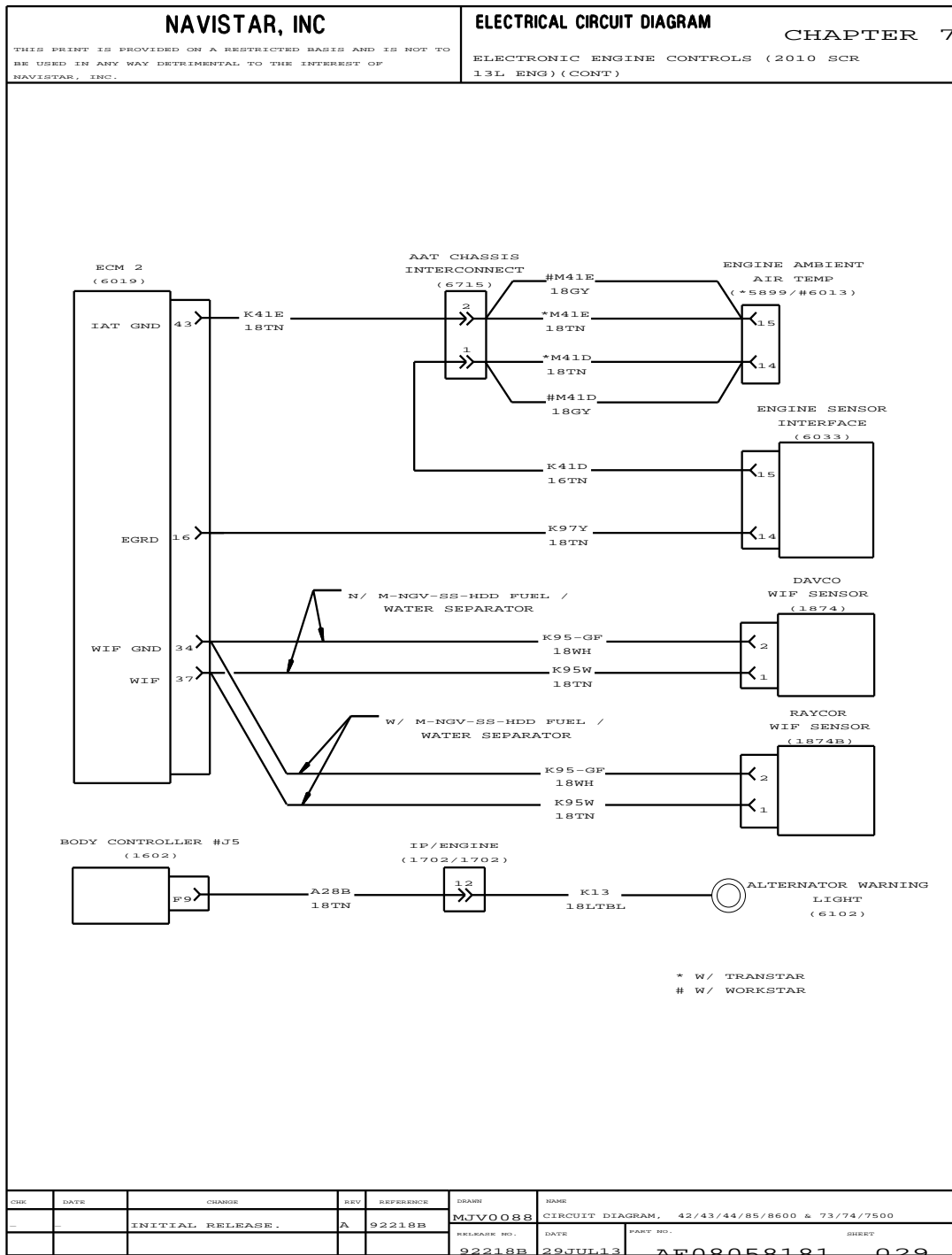


Figure 220 Electronic Engine Control (2010 SCR 13L Engine) (Cont.)

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

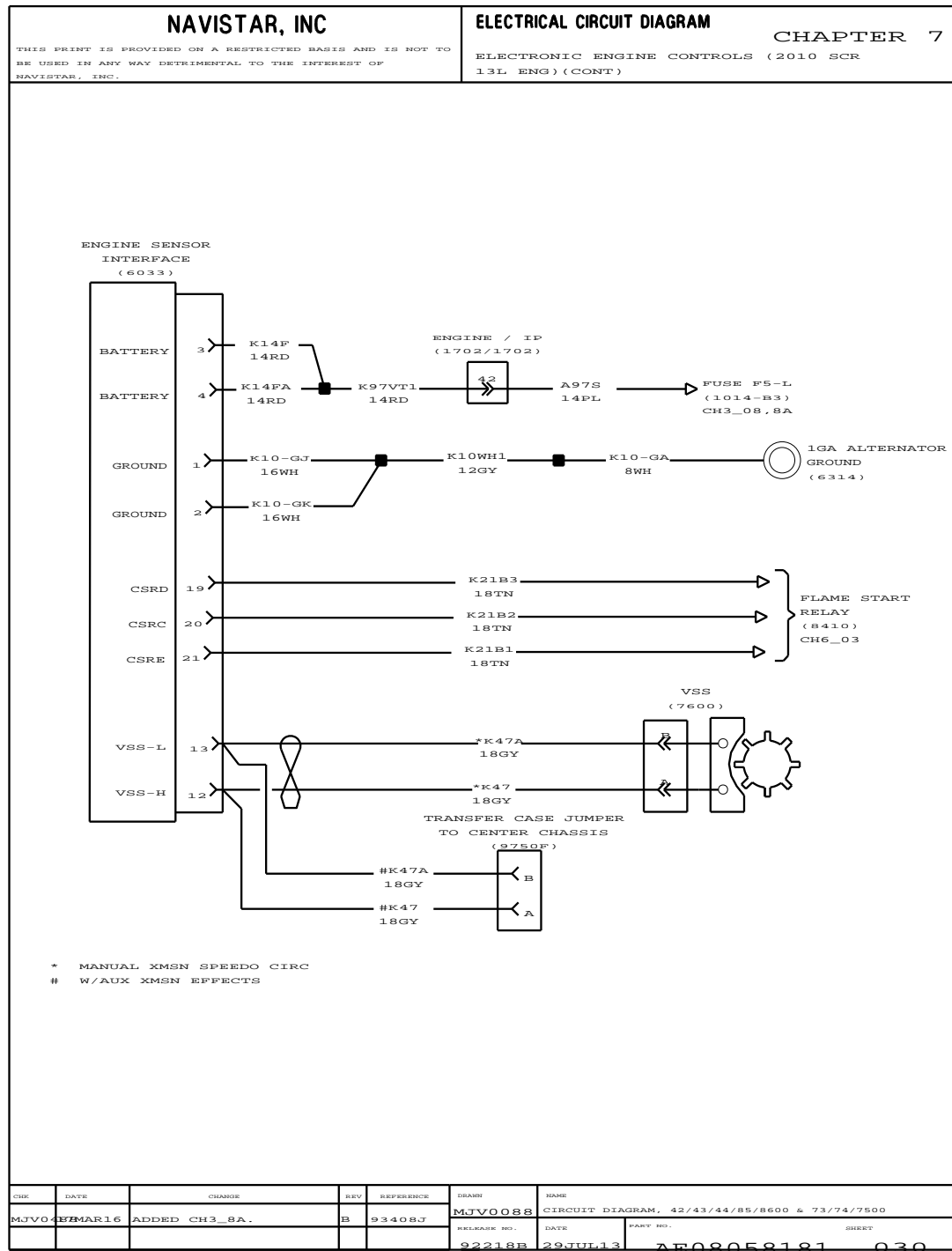


Figure 221 Electronic Engine Control (2010 SCR 13L Engine) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

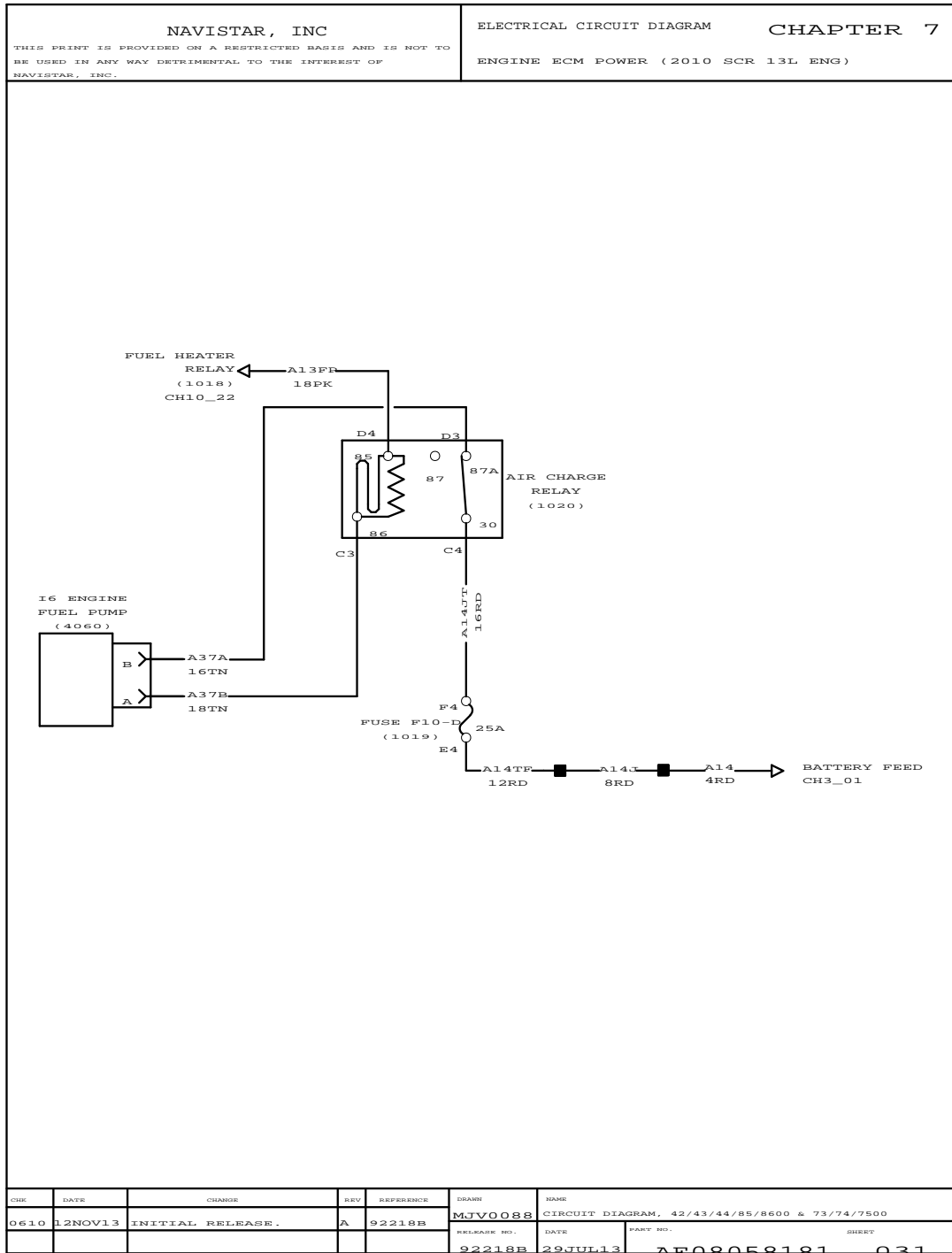


Figure 222 Engine ECM Power (2010 SCR 13L Engine)

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

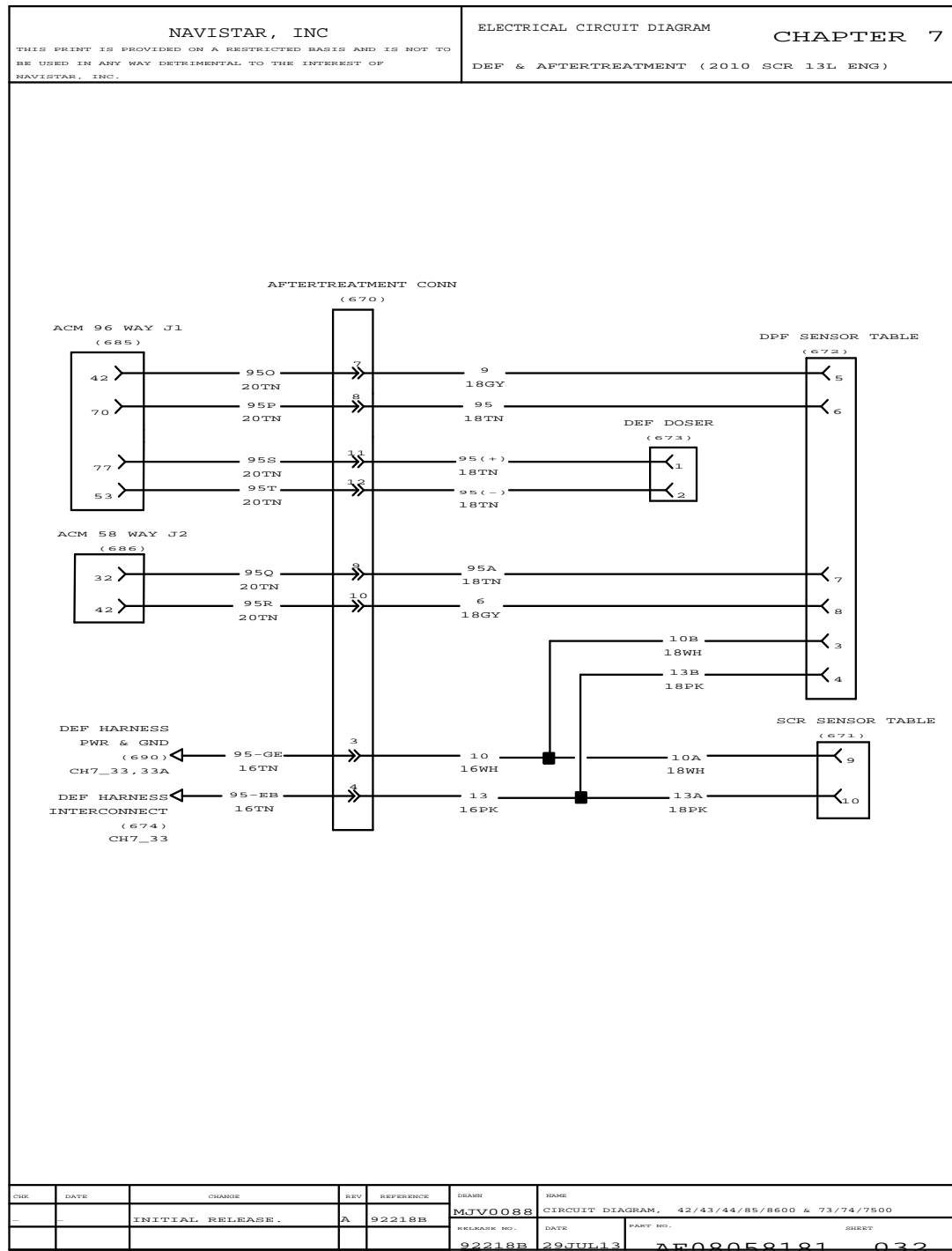


Figure 223 DEF & Aftertreatment (2010 SCR 13L Engine)

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

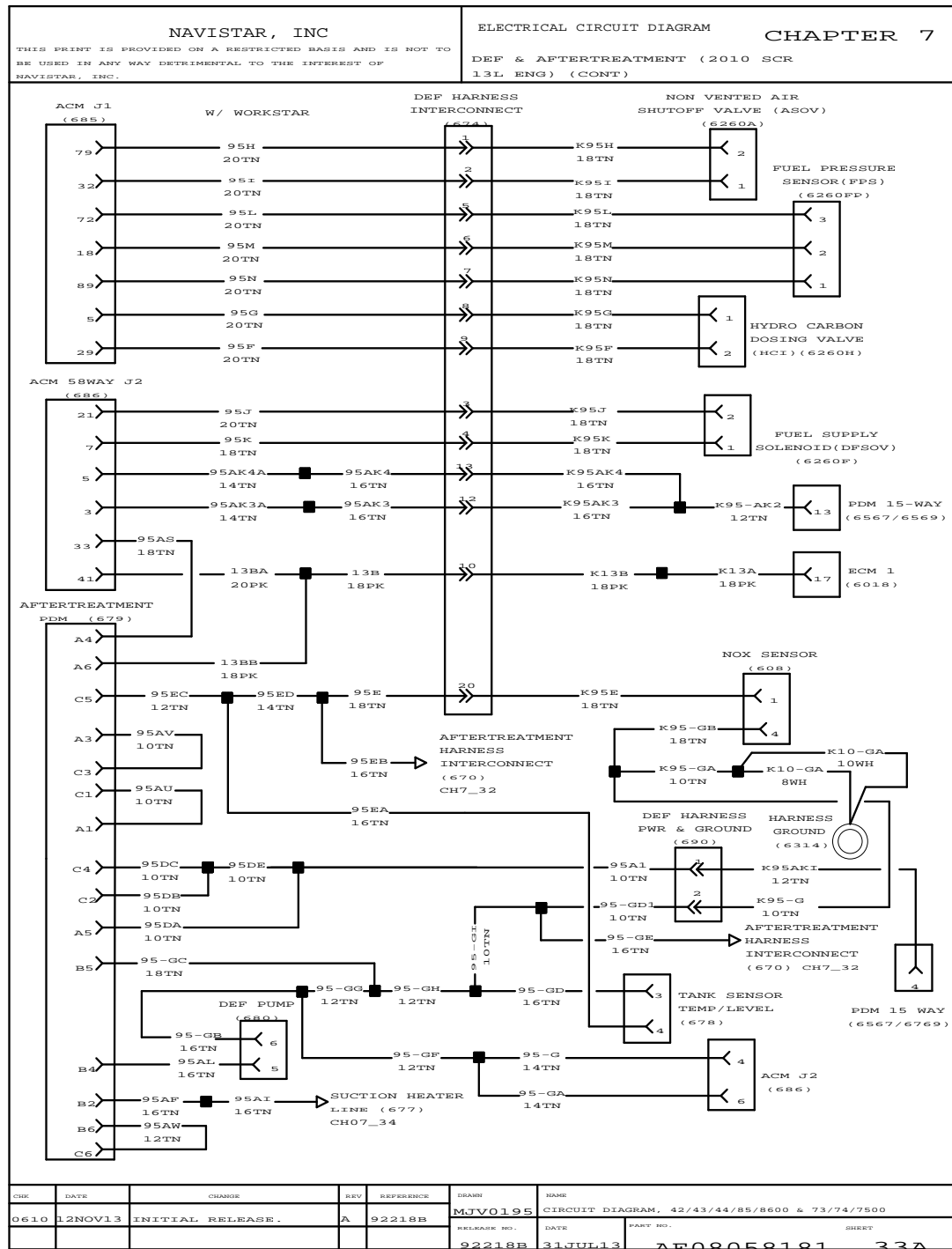


Figure 225 DEF & Aftertreatment (2010 SCR 13L Engine) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

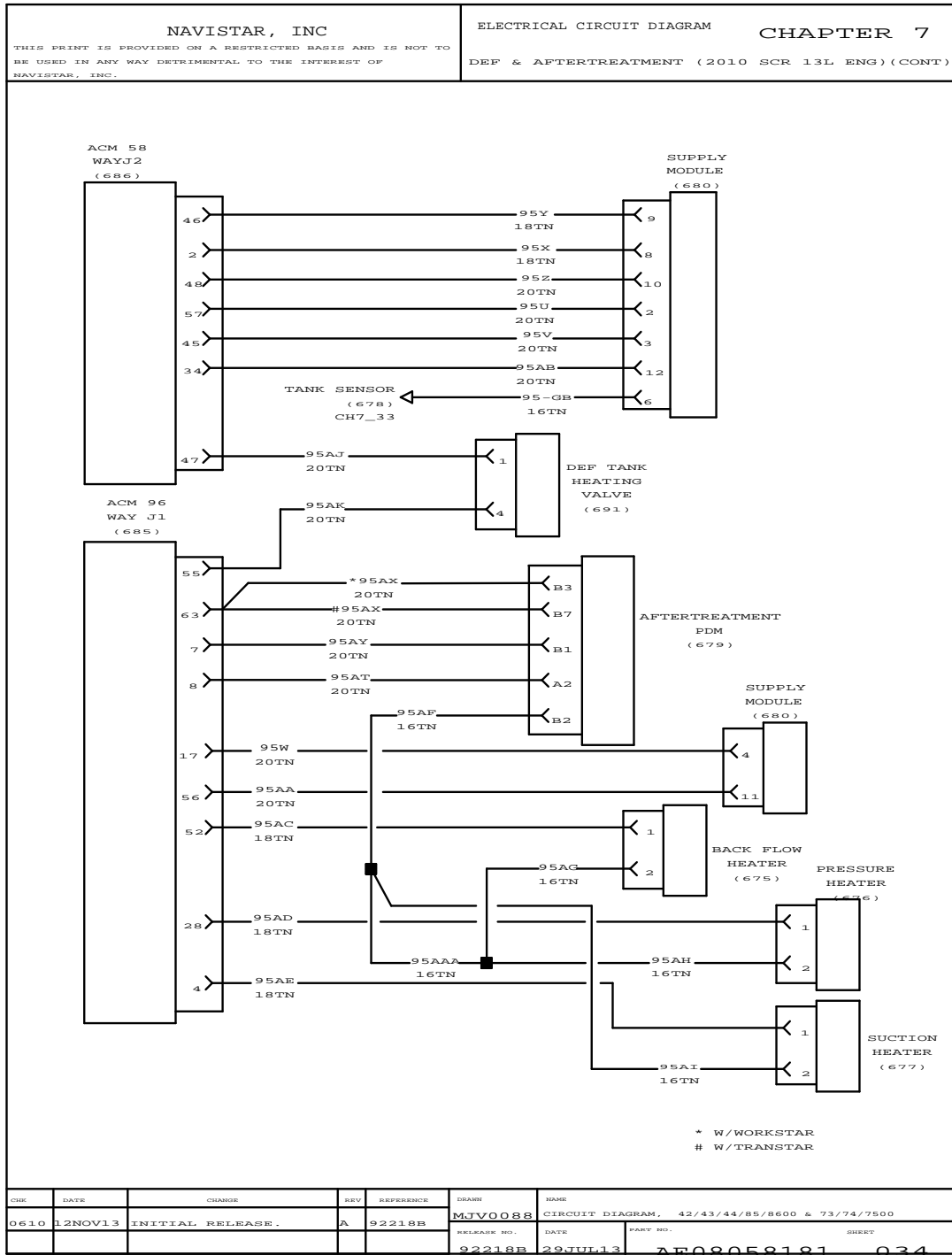


Figure 226 DEF & Aftertreatment (2010 SCR 13L Engine) (Cont.)

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

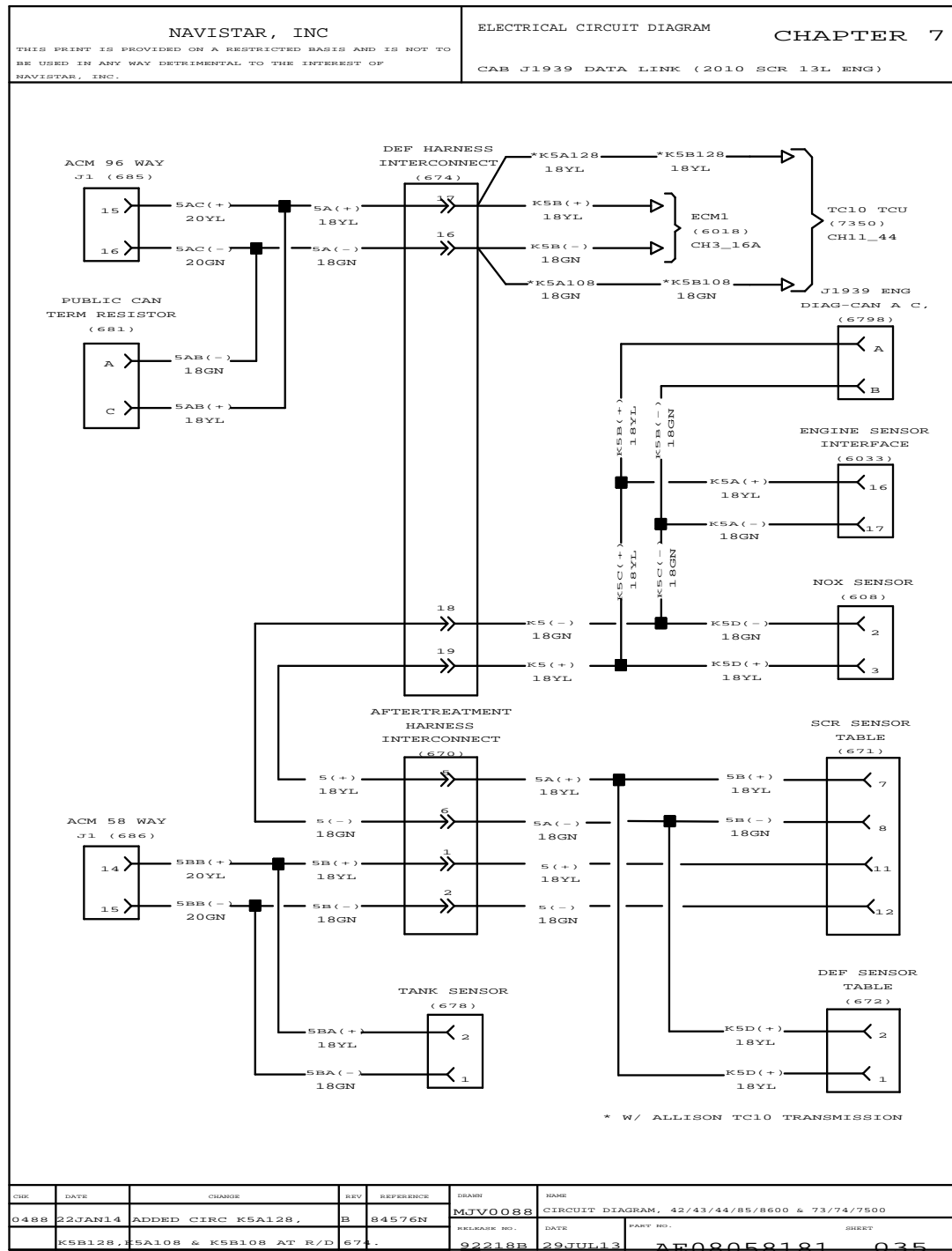


Figure 227 Cab J1939 Data Link (2010 SCR 13L Engine)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

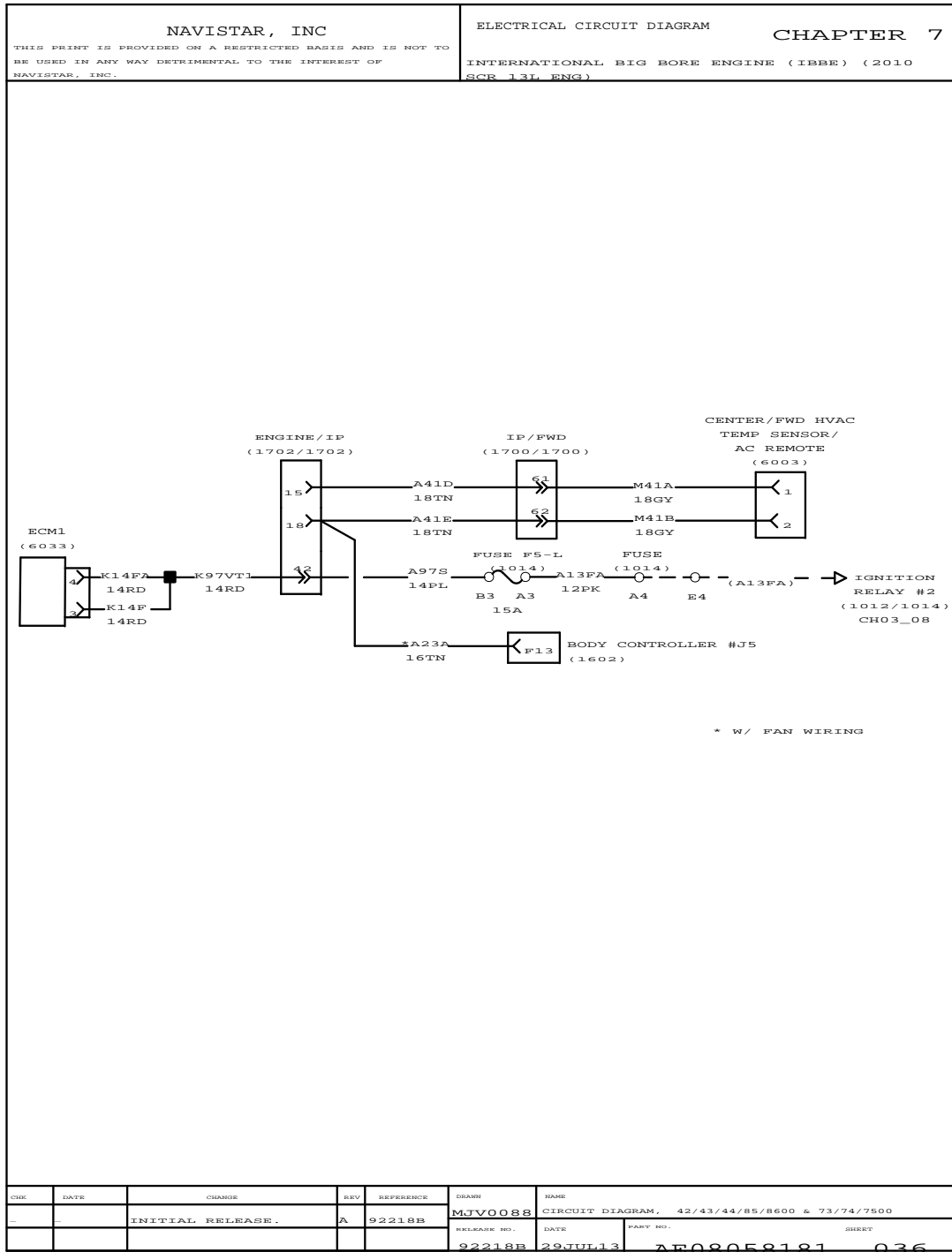


Figure 228 International Big Bore Engine (IBBE) (2010 SCR 13L Engine)

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

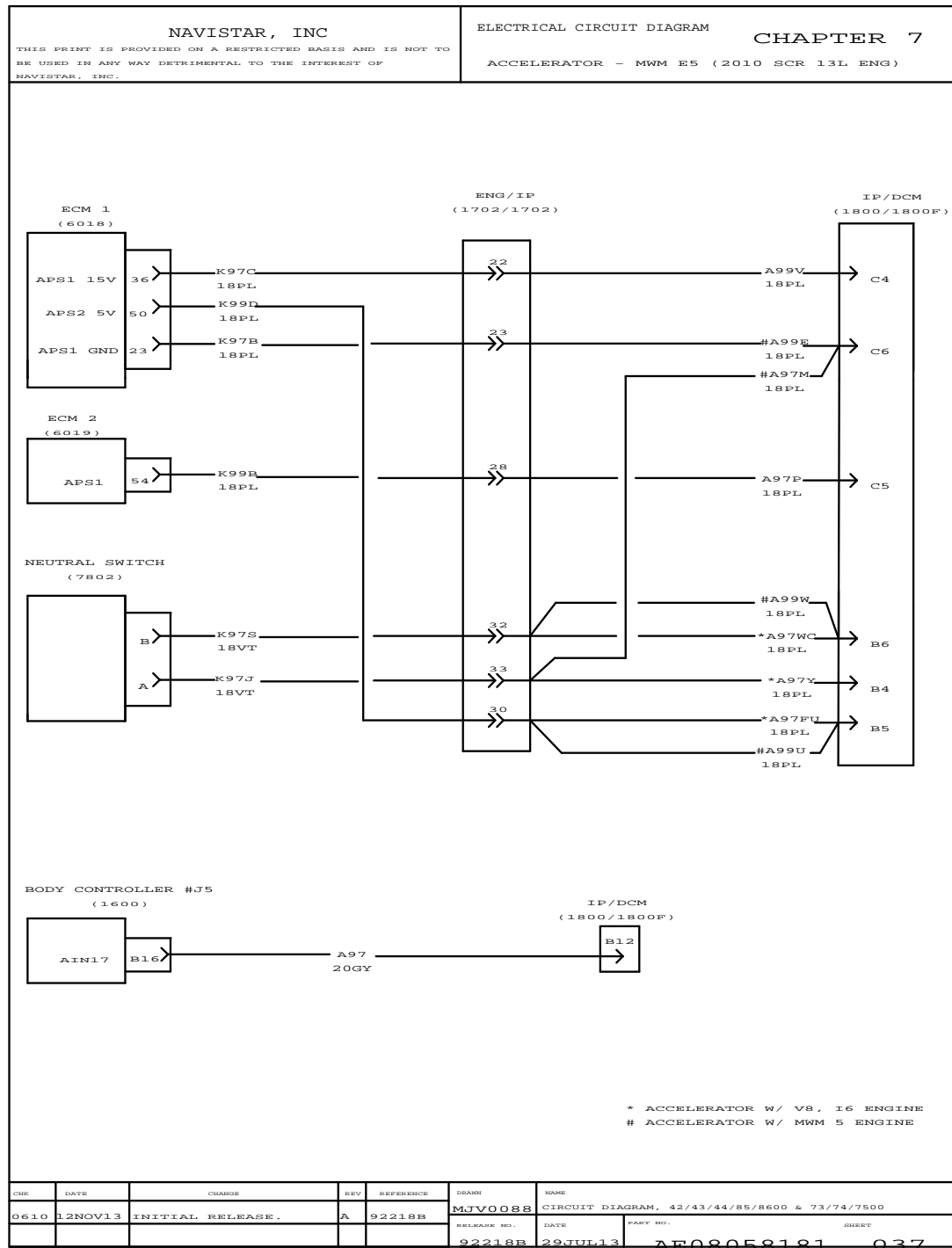


Figure 229 Accelerator – MWM E6 (2010 SCR 13L Engine)

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

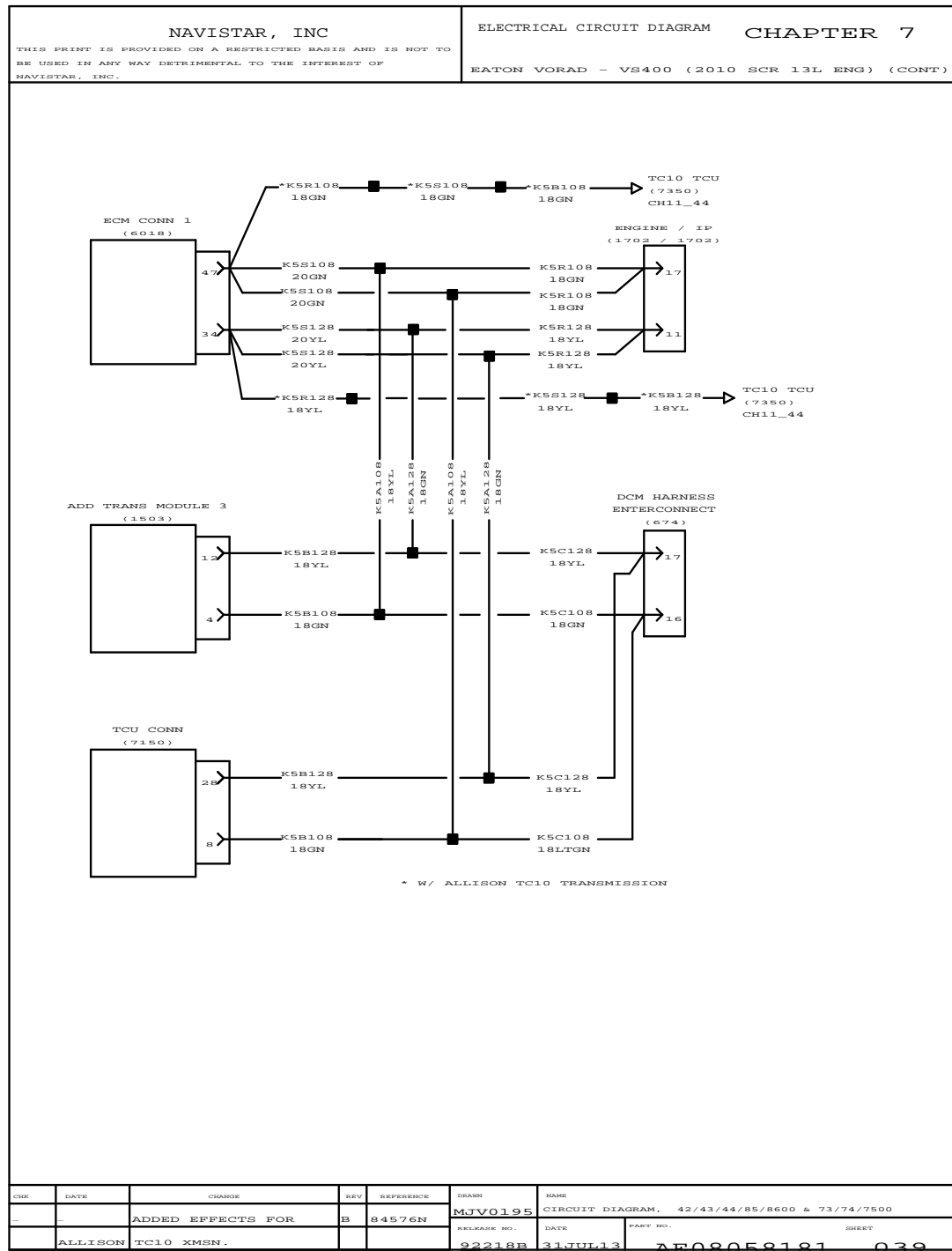


Figure 231 Eaton Vorad – VS400 (2010 SCR 13L Engine) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

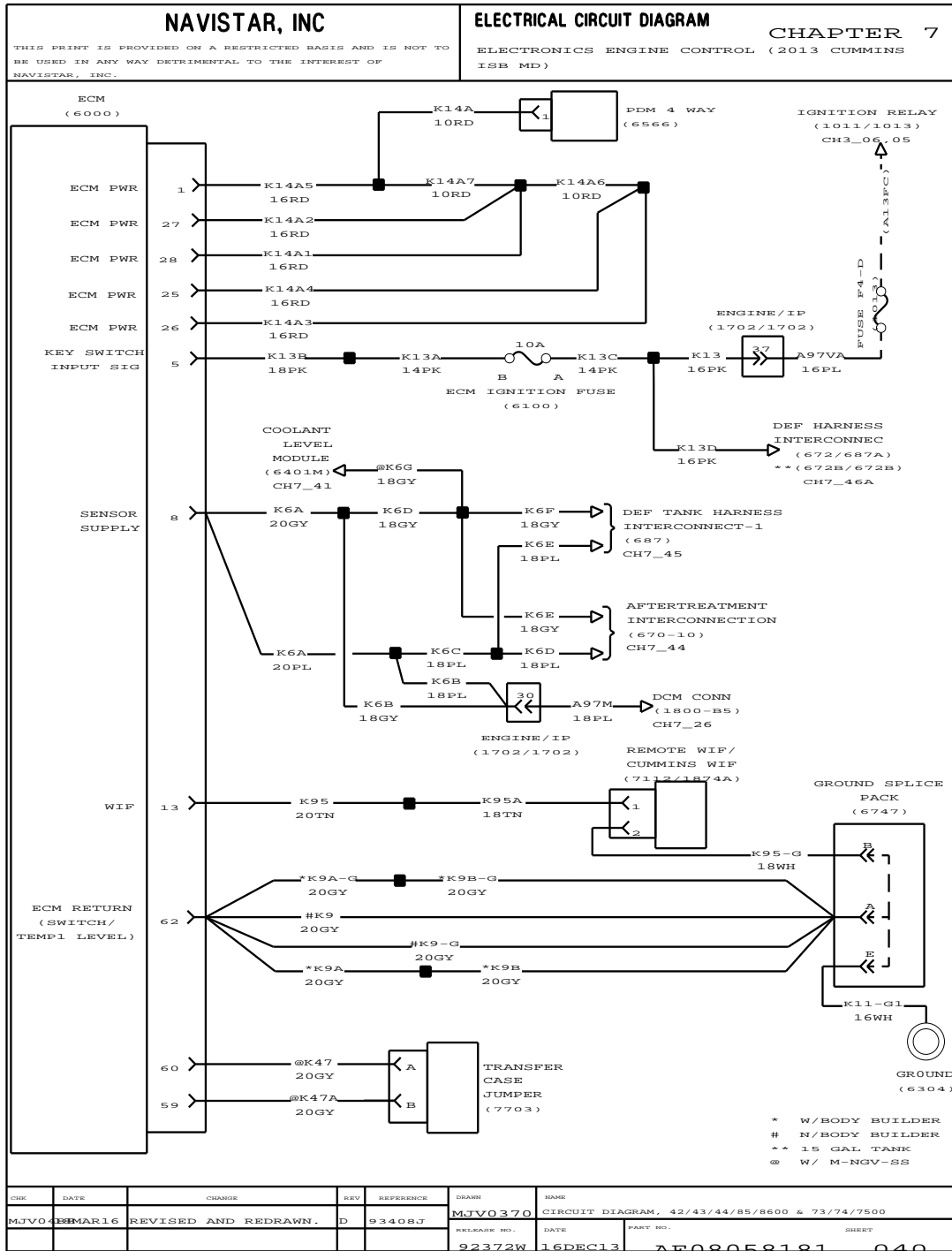


Figure 232 Electronics Engine Control (2013 Cummins ISB MD)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

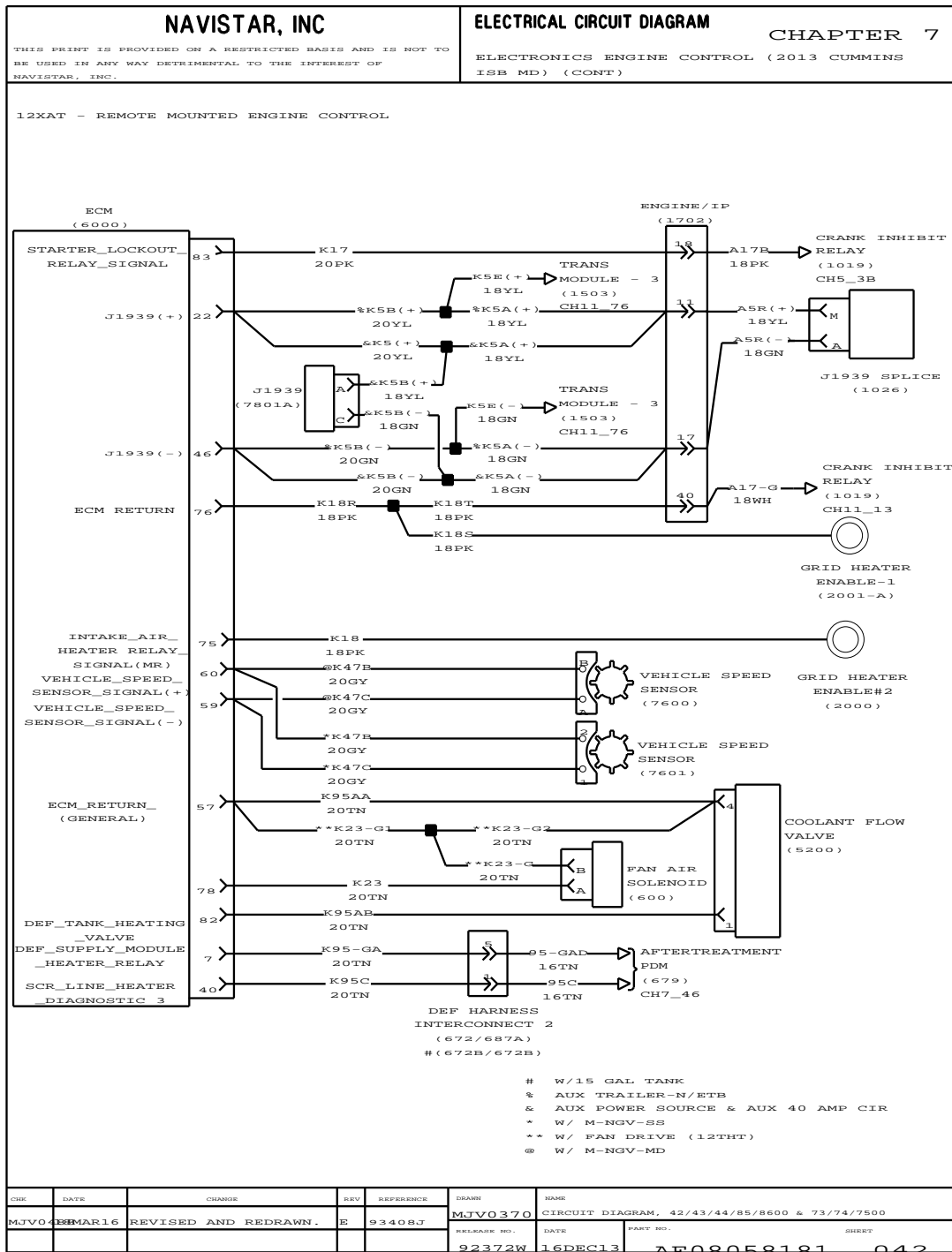


Figure 234 Electronics Engine Control (2013 Cummins ISB MD) (Cont.)

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

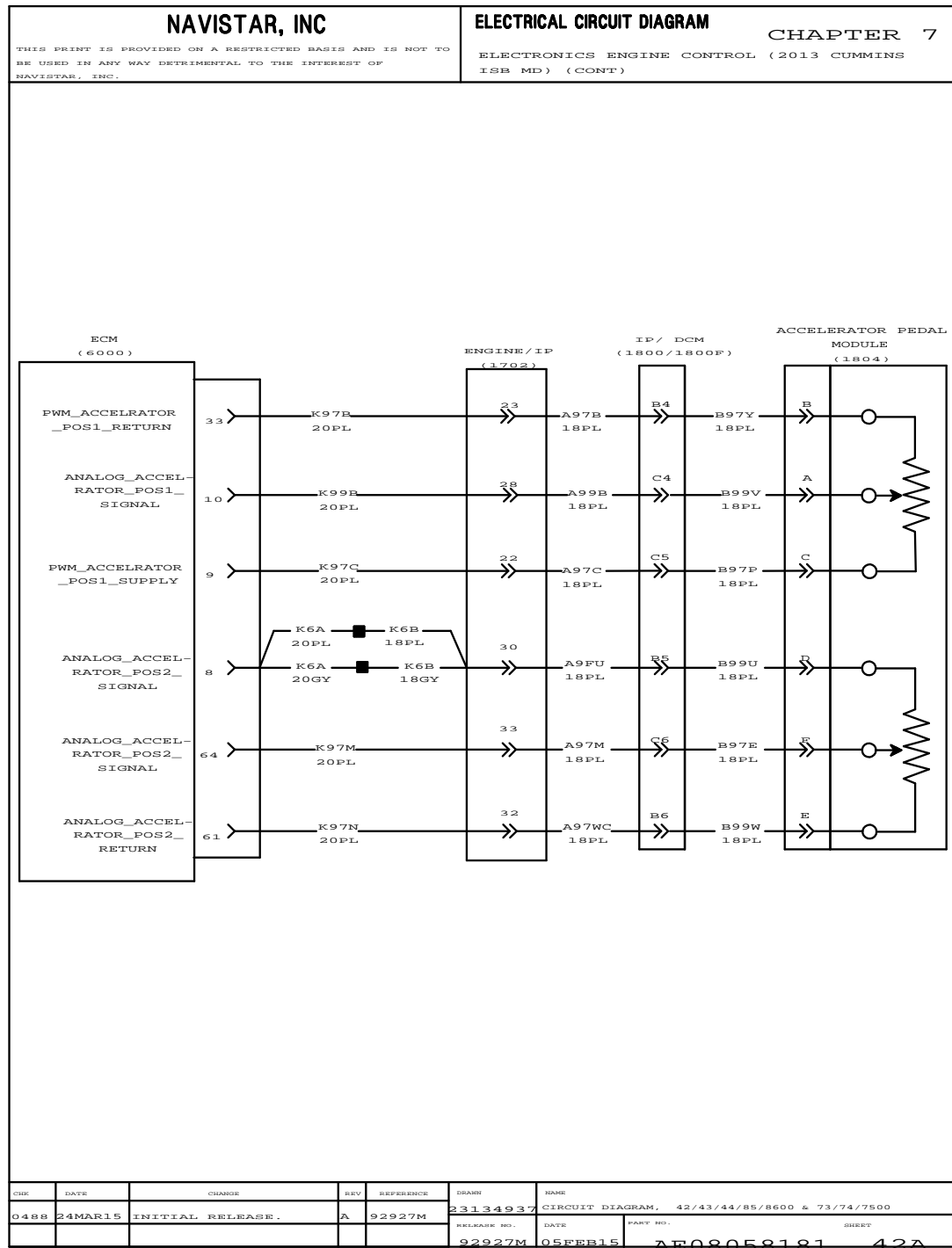


Figure 235 Electronics Engine Control (2013 Cummins ISB MD) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

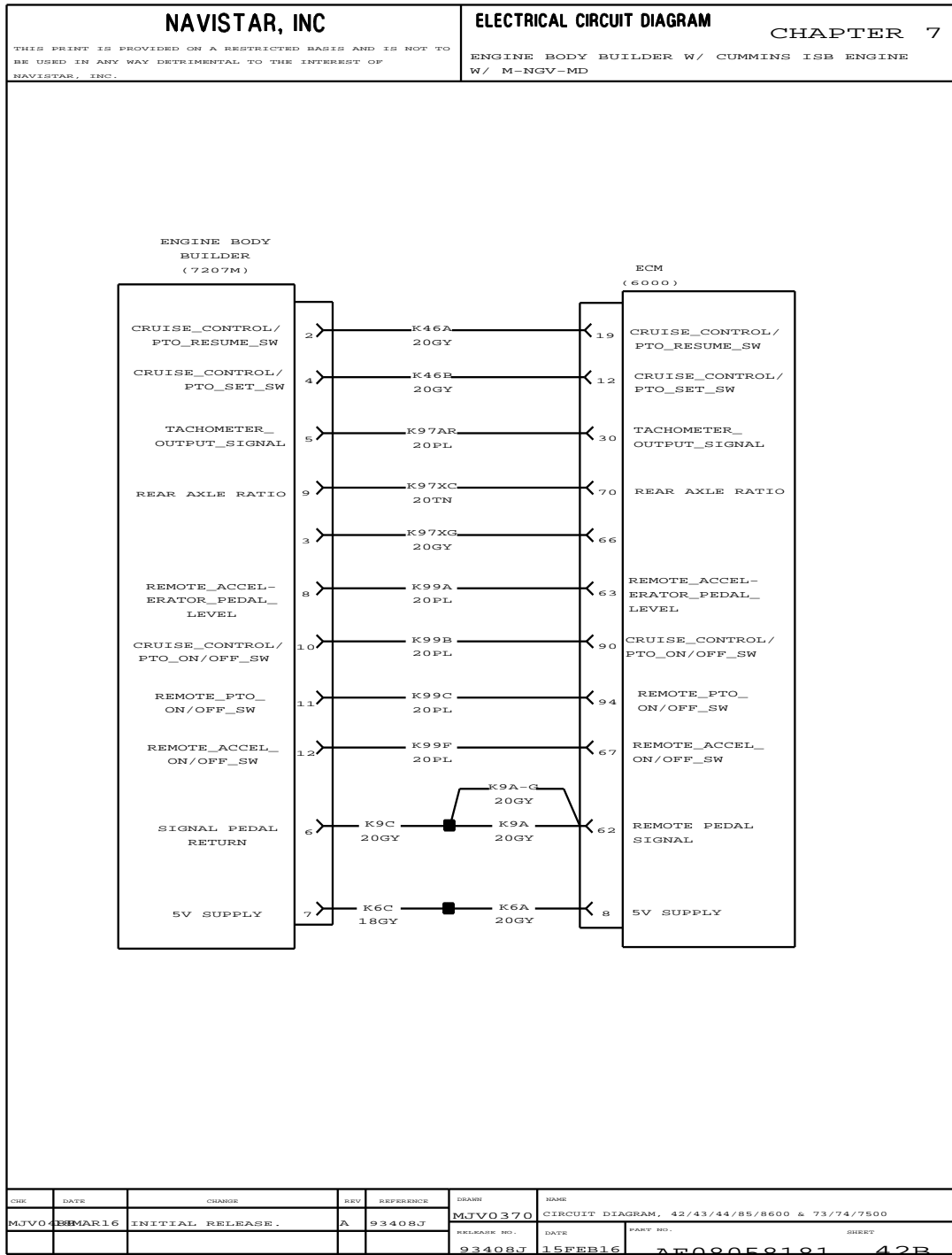


Figure 236 Engine Body Builder with Cummins ISB Engine with M-NGV-SS

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

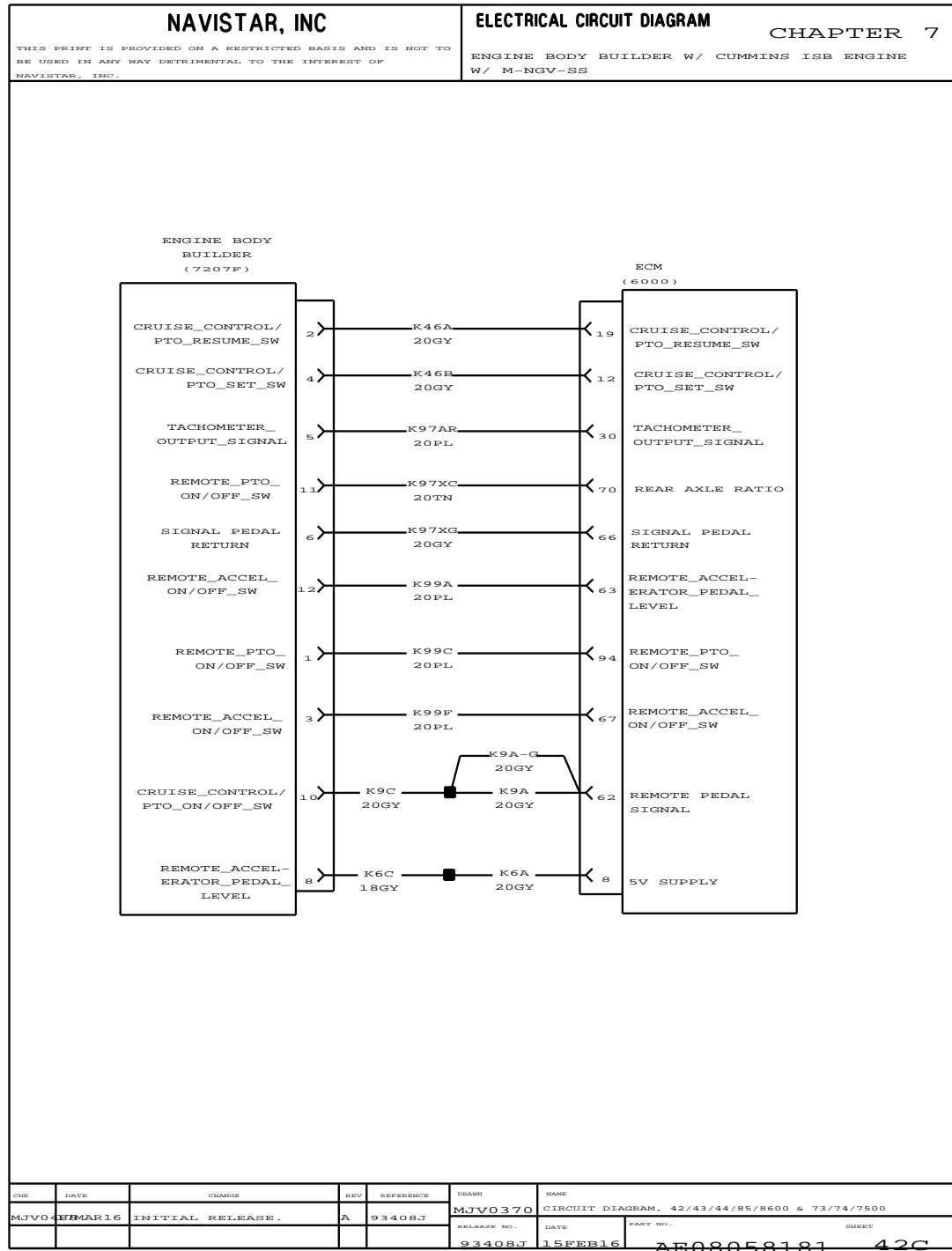


Figure 237 Engine Body Builder with Cummins ISB Engine with M-NGV-SS

ELECTRICAL CIRCUIT DIAGRAM MANUAL

7.48. AMMETER CONNECTIONS, P. 43

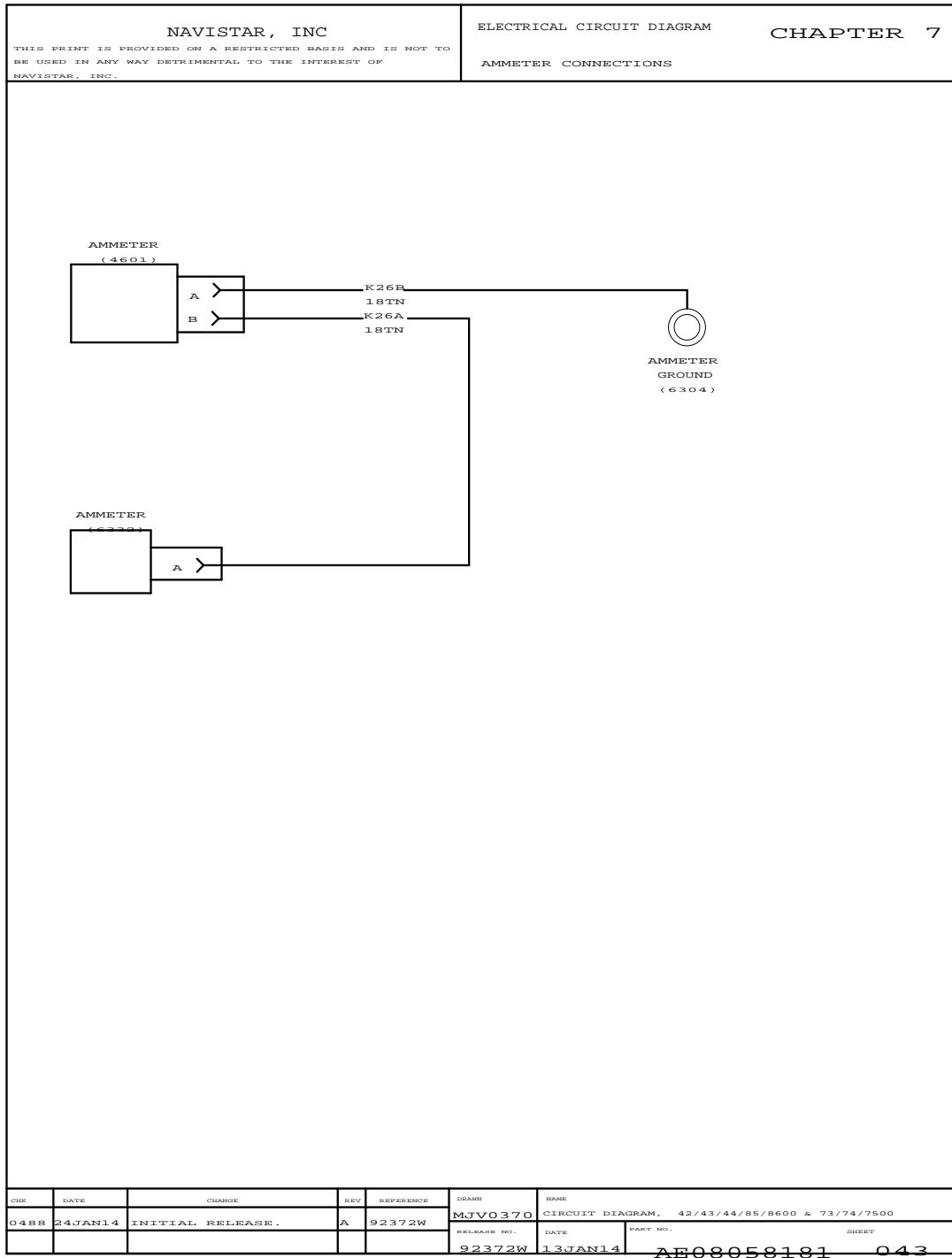


Figure 238 Ammeter Connections

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

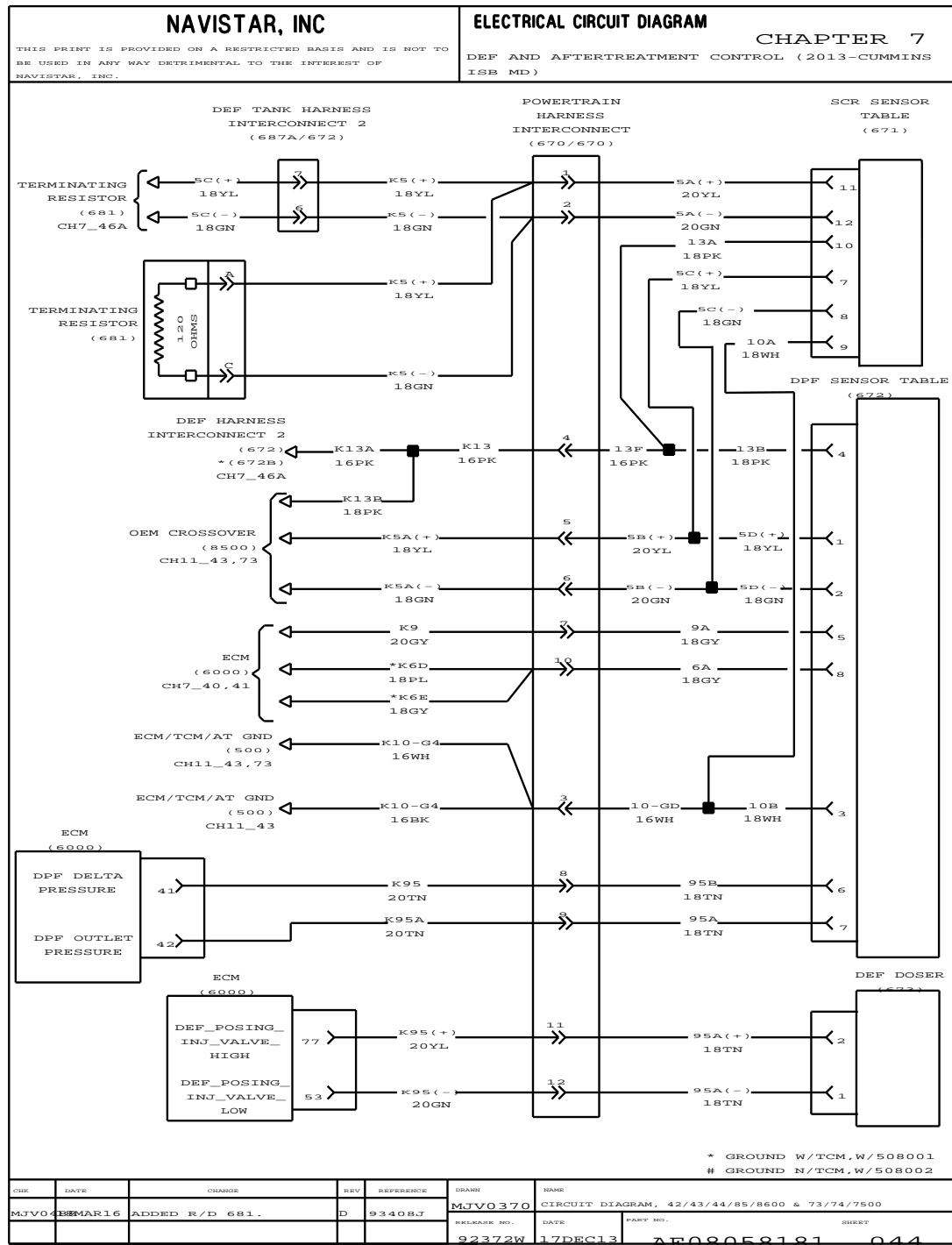


Figure 239 DEF and Aftertreatment Control (2013 – Cummins ISB MD)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

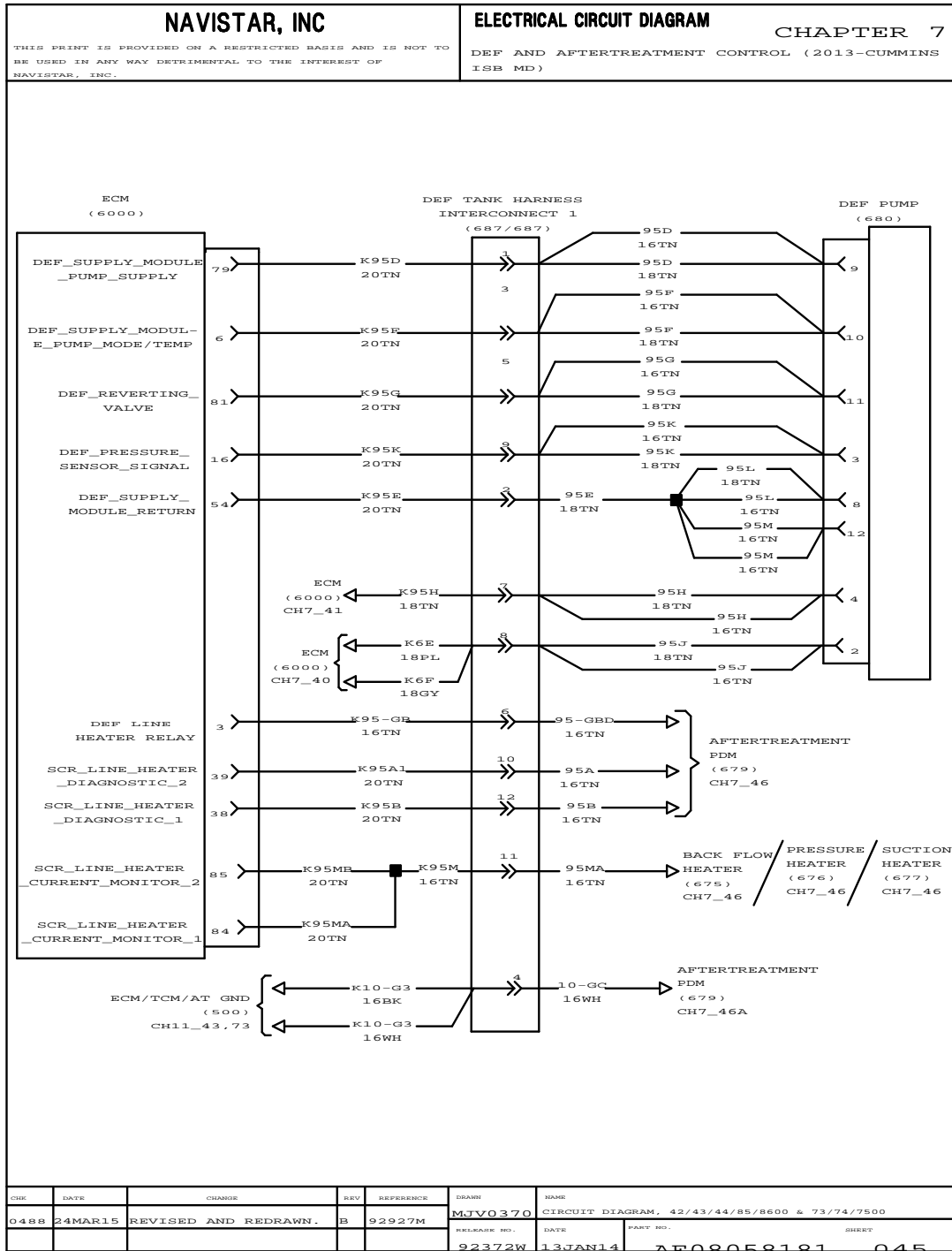


Figure 240 DEF and Aftertreatment Control (2013 – Cummins ISB MD)

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

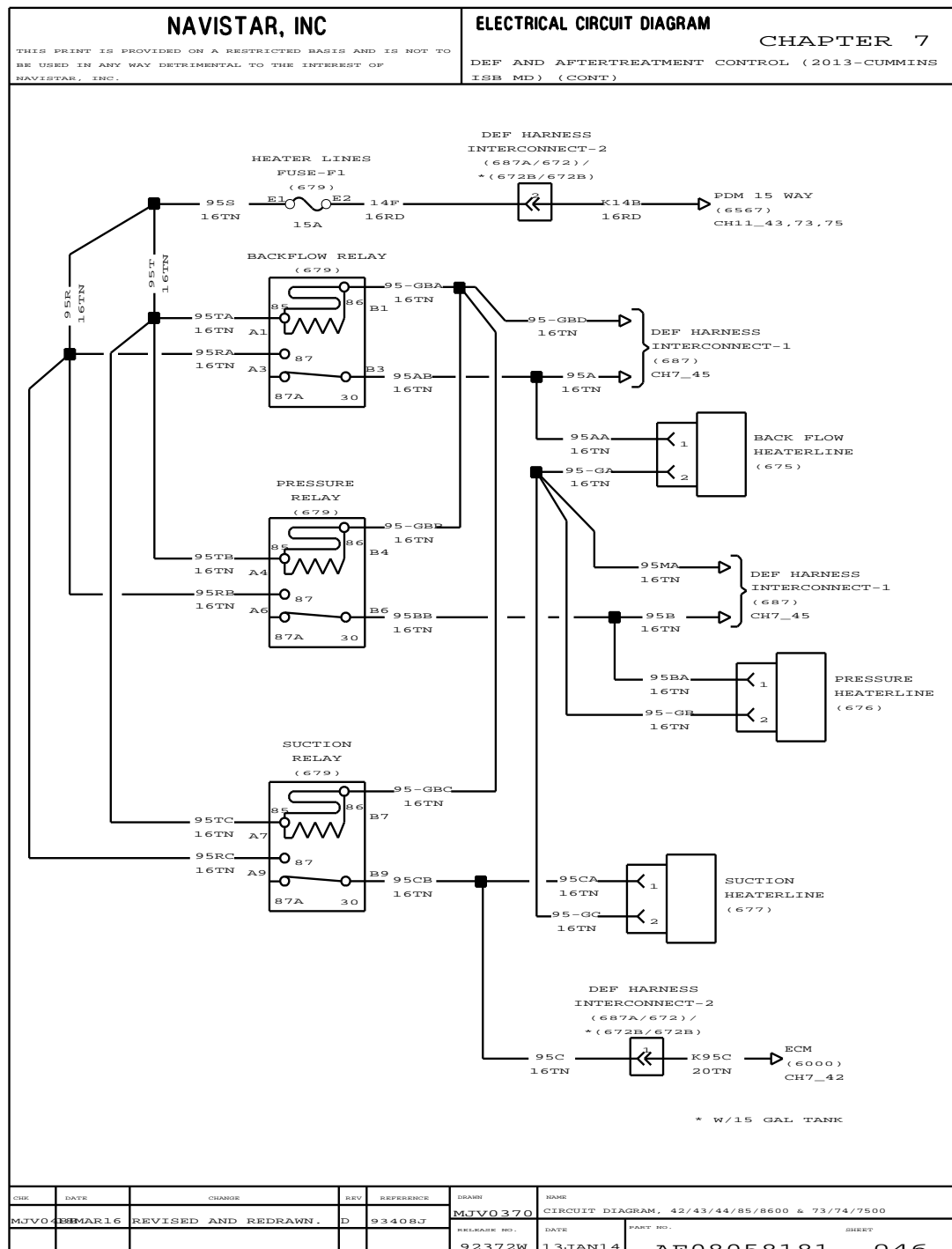


Figure 241 DEF and Aftertreatment Control (2013 – Cummins ISB MD) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

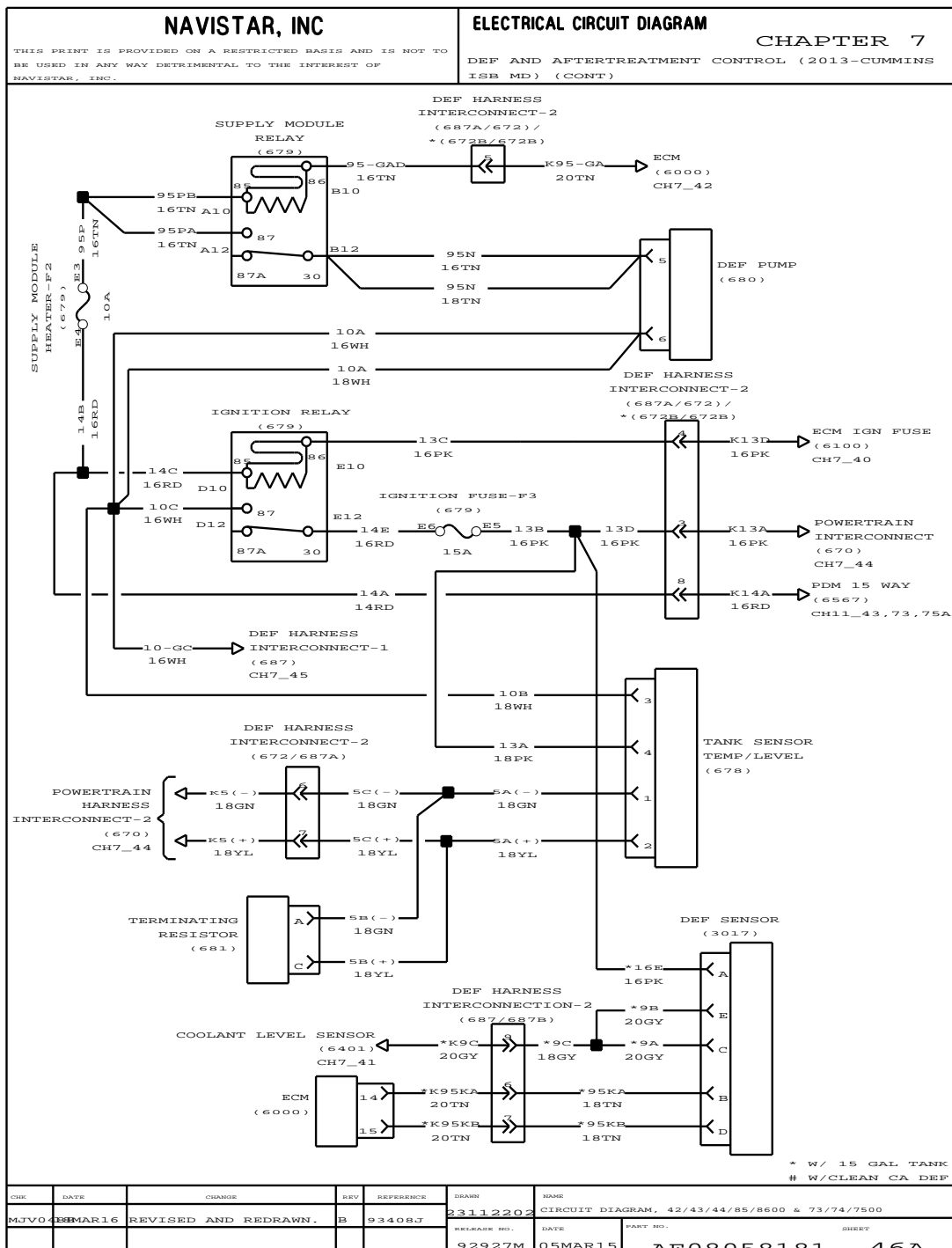


Figure 242 DEF and Aftertreatment Control (2013 – Cummins ISB MD) (Cont.)

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

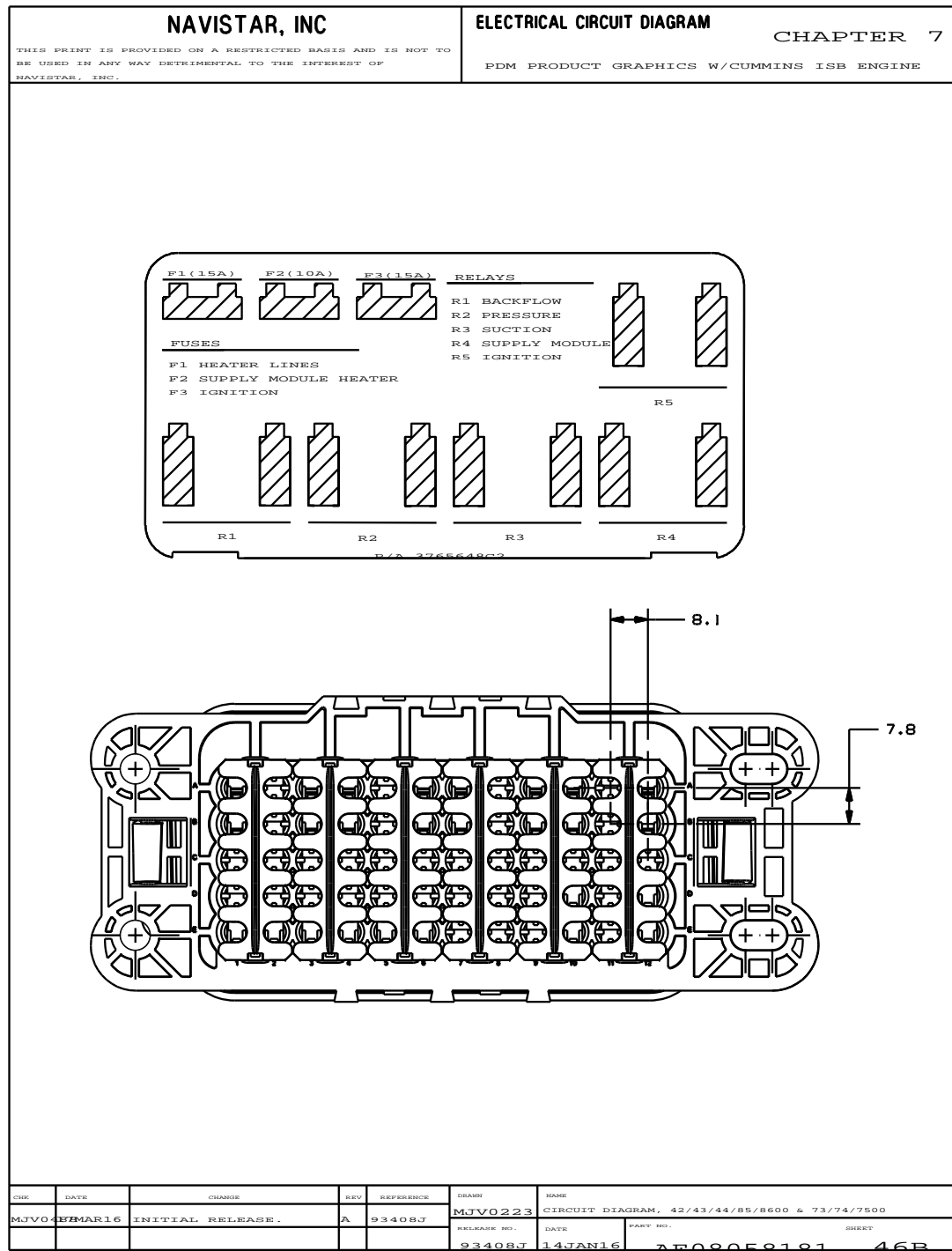


Figure 243 PDM Product Graphics with Cummins ISB Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

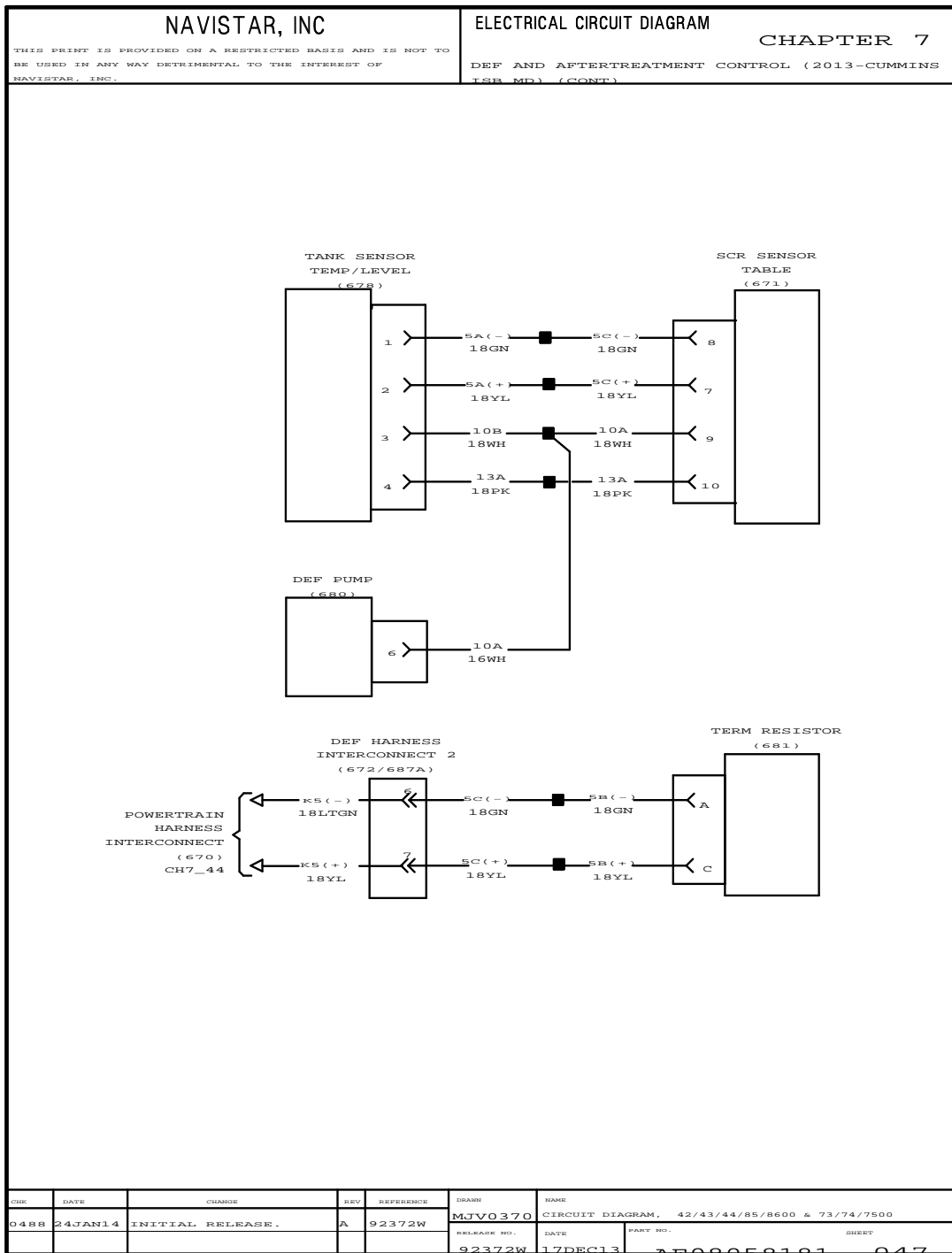
7.54. DEF AND AFTERTREATMENT CONTROL (2013 – CUMMINS ISB MD) (CONT.),
P. 47

Figure 244 DEF and Aftertreatment Control (2013 – Cummins ISB MD) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

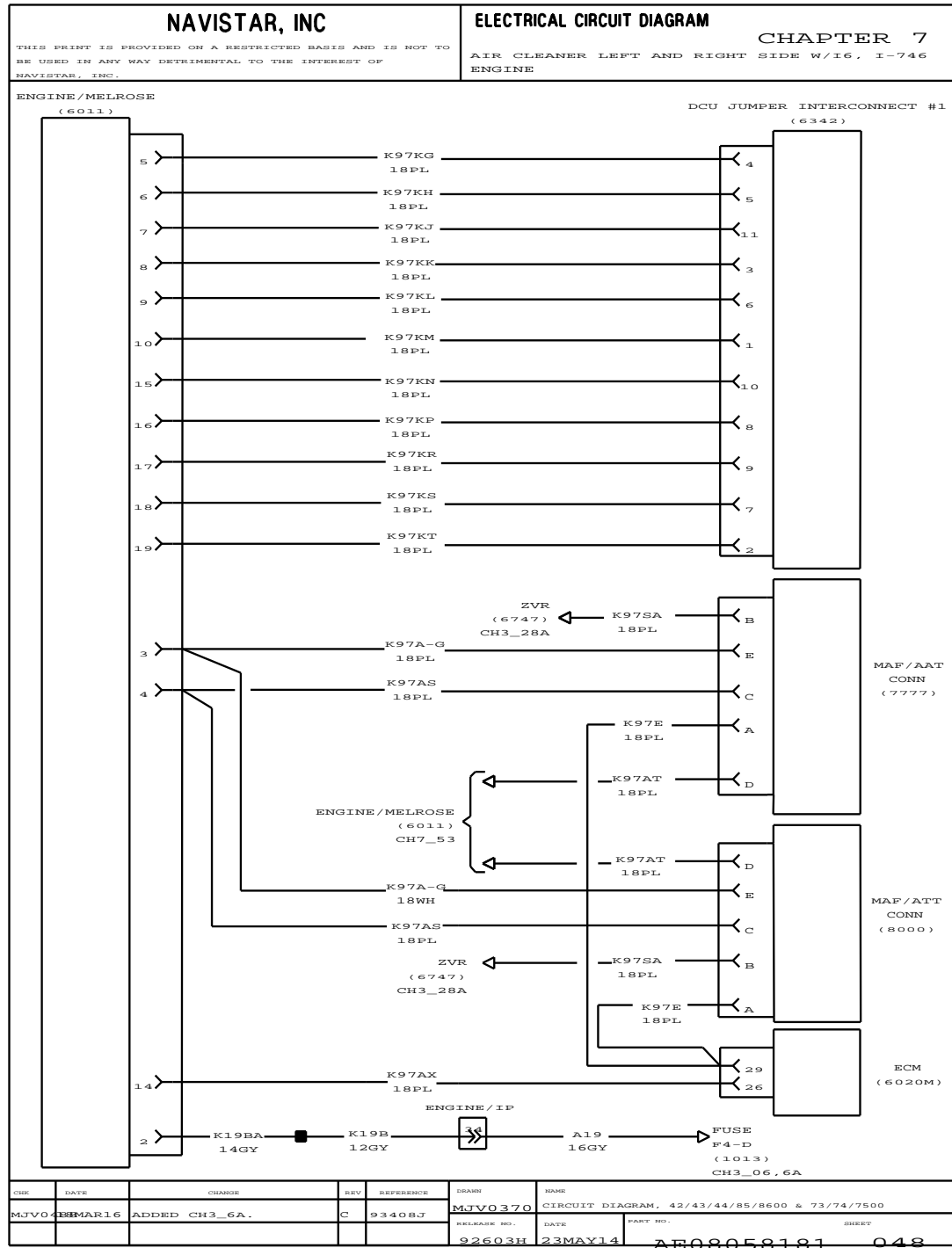


Figure 245 Air Cleaner Left and Right Side with I6, I-746 Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

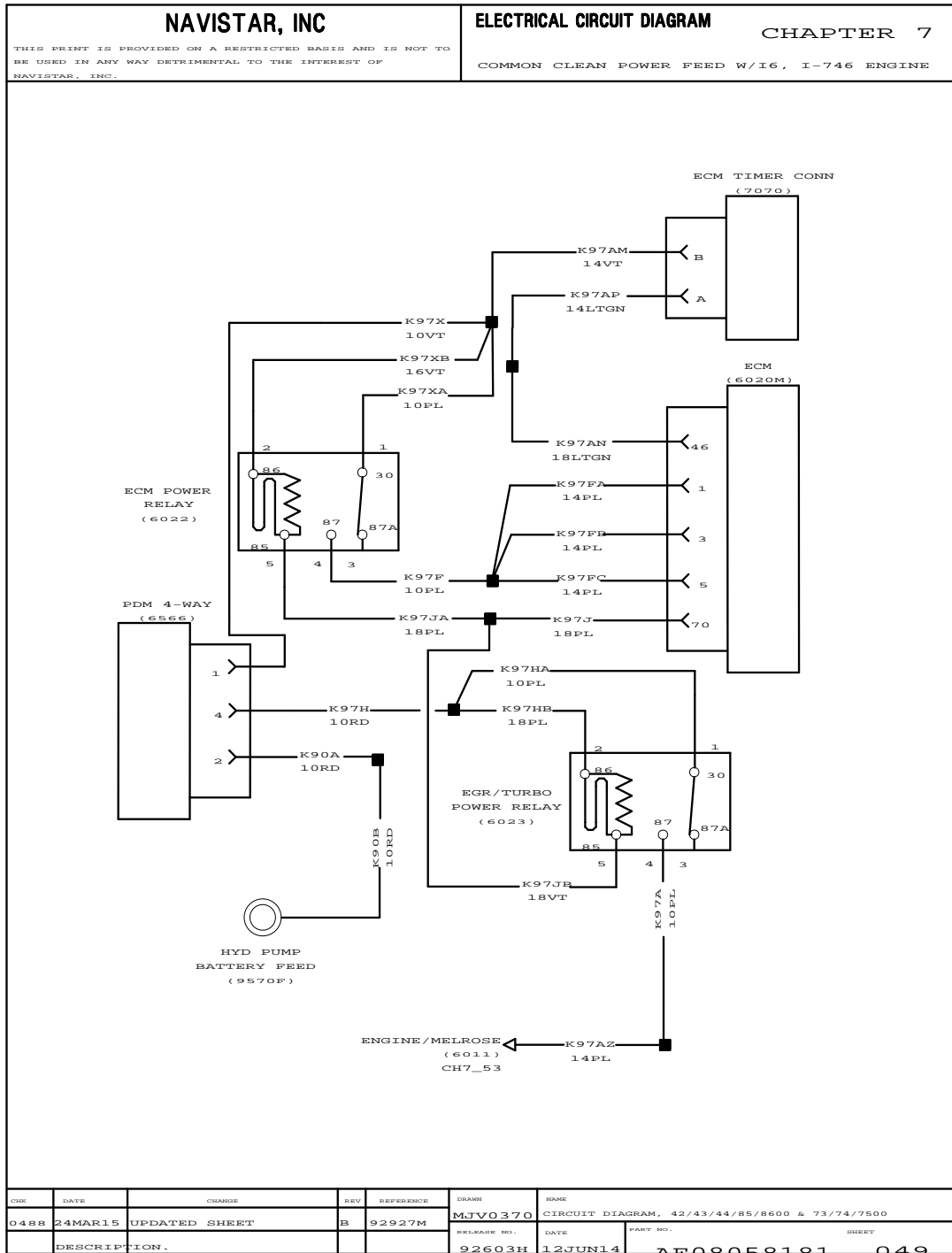


Figure 246 Common Clean Power Feed with I6, I-746 Engine

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

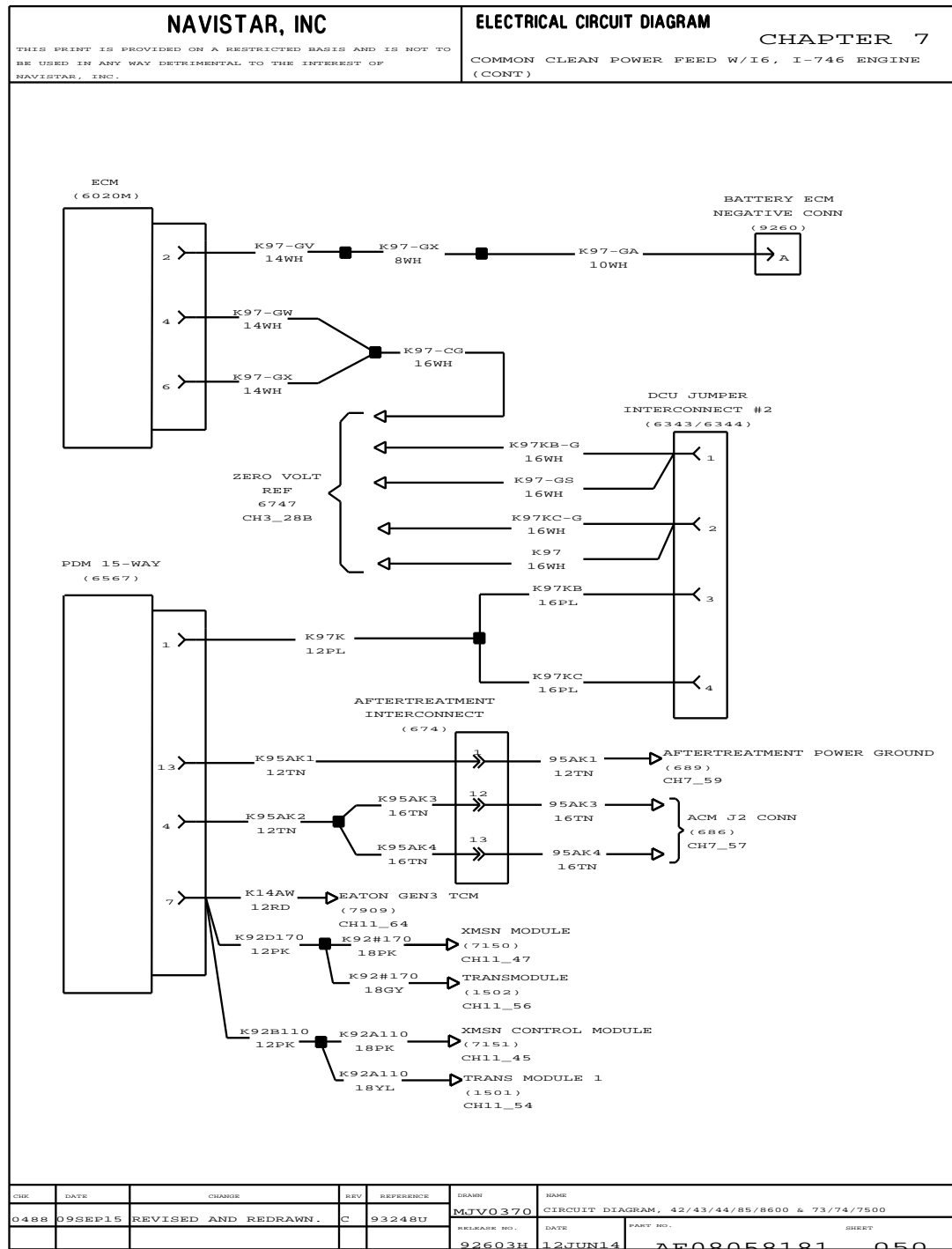


Figure 247 Common Clean Power Feed with I6, I-746 Engine (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

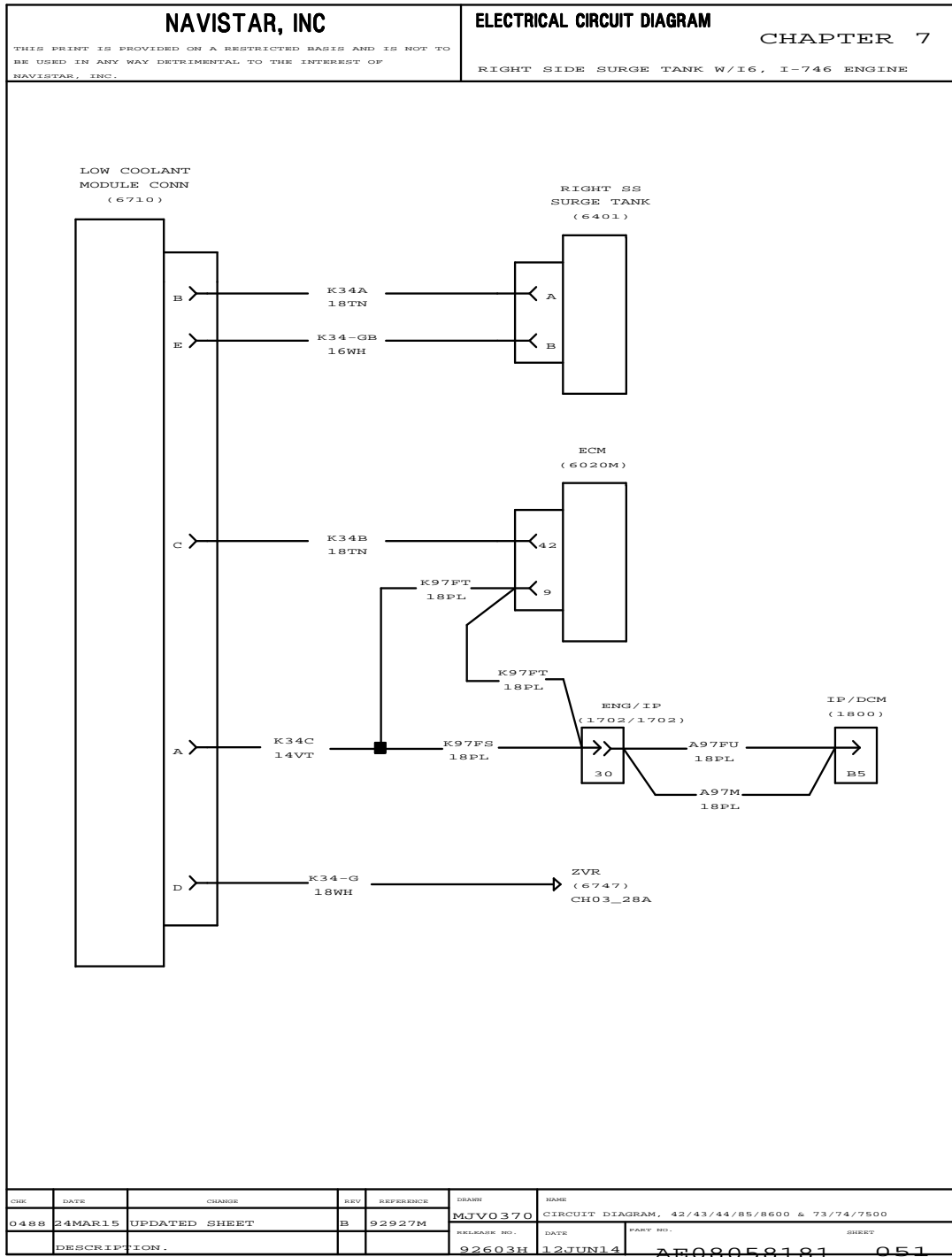


Figure 248 Right Side Surge Tank with I6, I-746 Engine

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

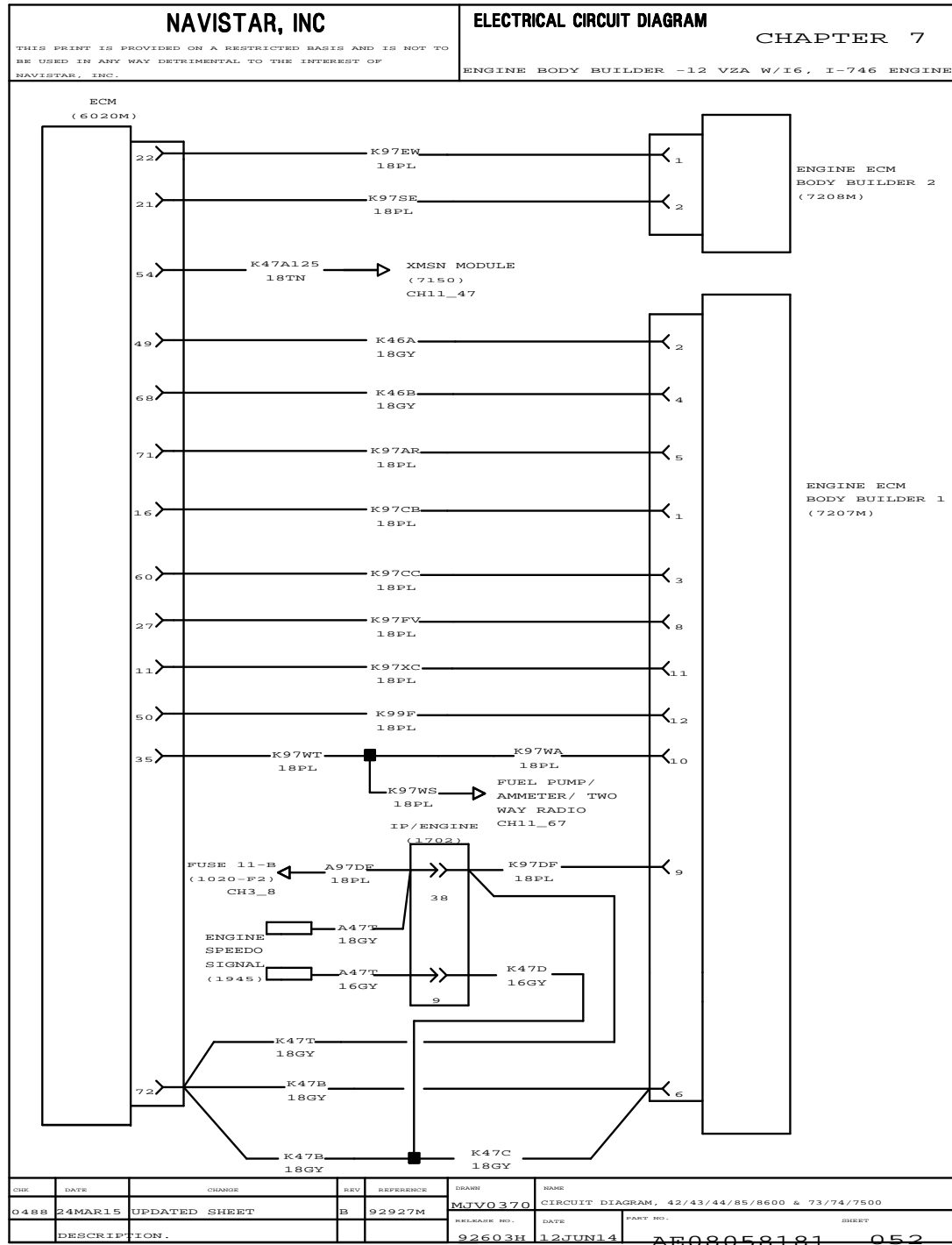


Figure 249 Engine Body Builder – 12 VZA with I6, I-746 Engine

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

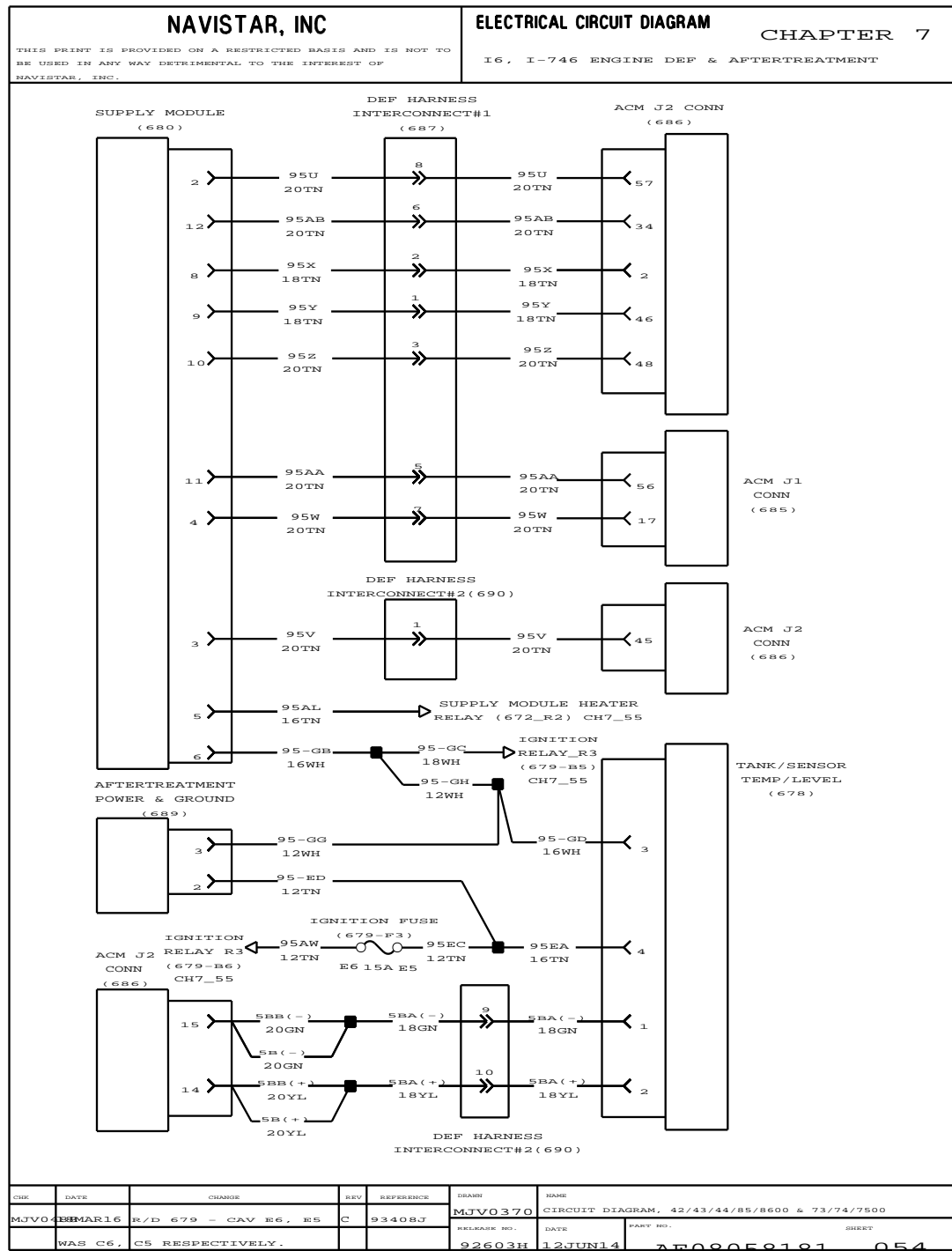


Figure 251 I6, I-746 Engine DEF and Aftertreatment

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

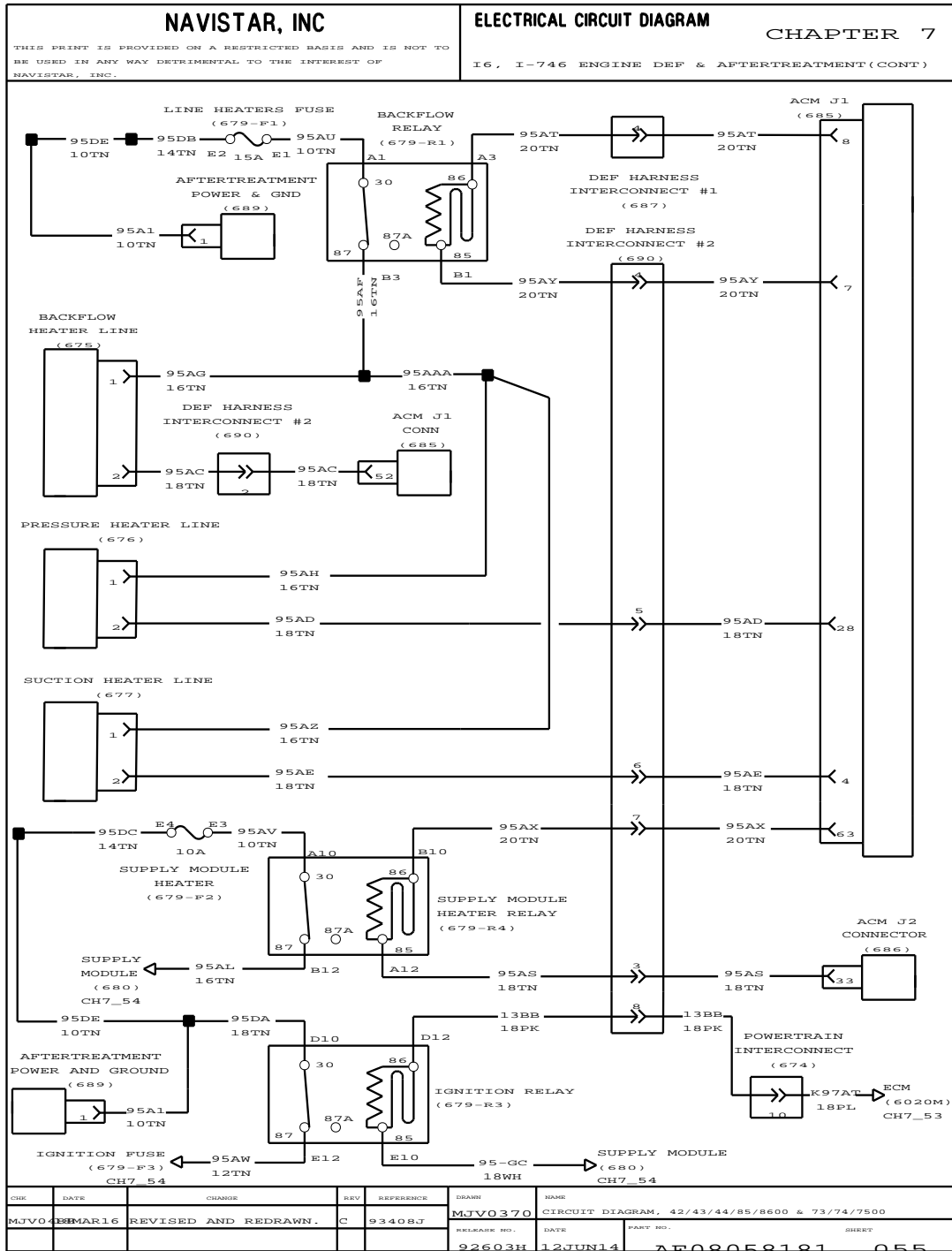


Figure 252 I6, I-746 Engine DEF and Aftertreatment (Cont.)

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

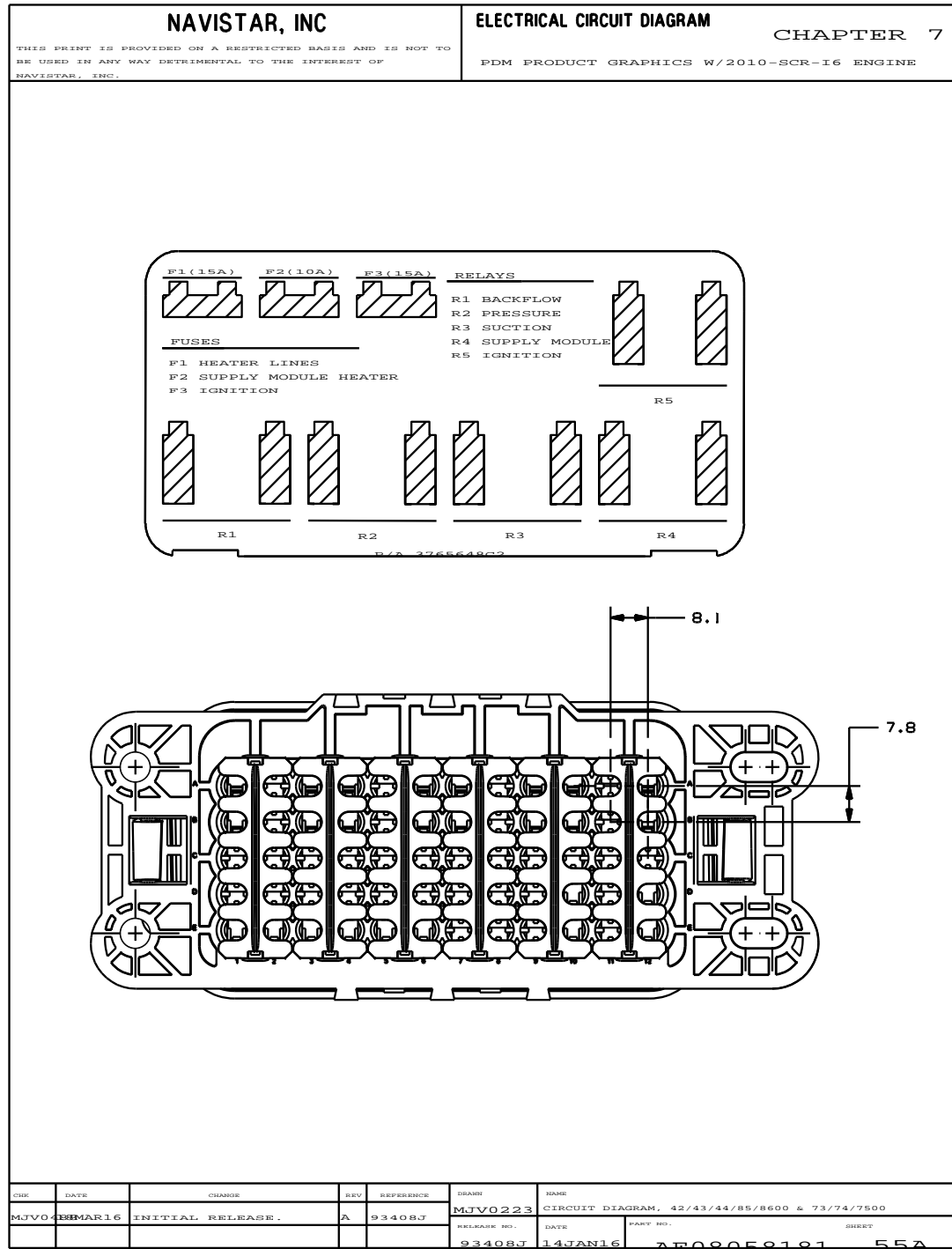


Figure 253 PDM Product Graphics with 2010 SCR I6 Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

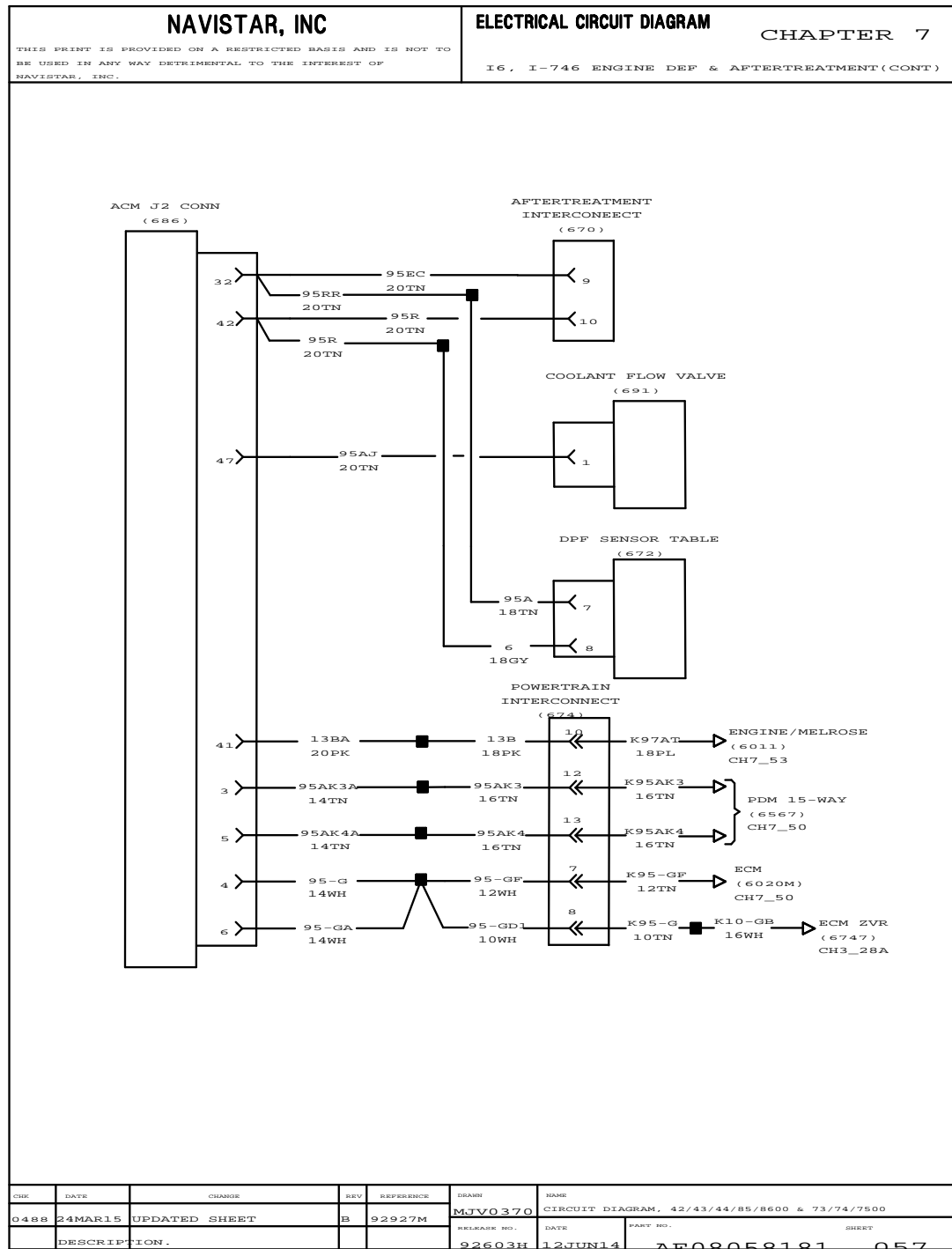


Figure 255 I6, I-746 Engine DEF and Aftertreatment (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

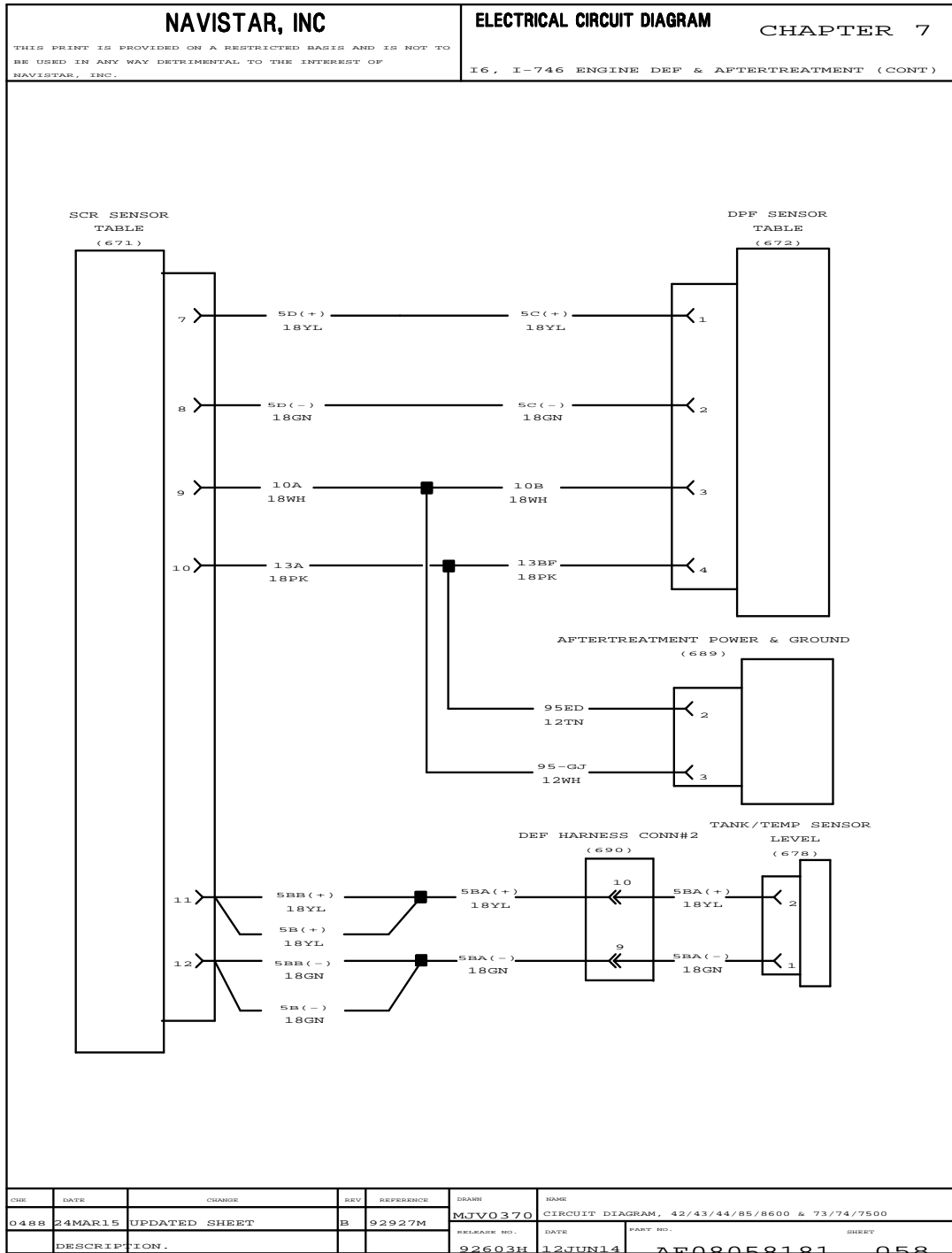


Figure 256 I6, I-746 Engine DEF and Aftertreatment (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

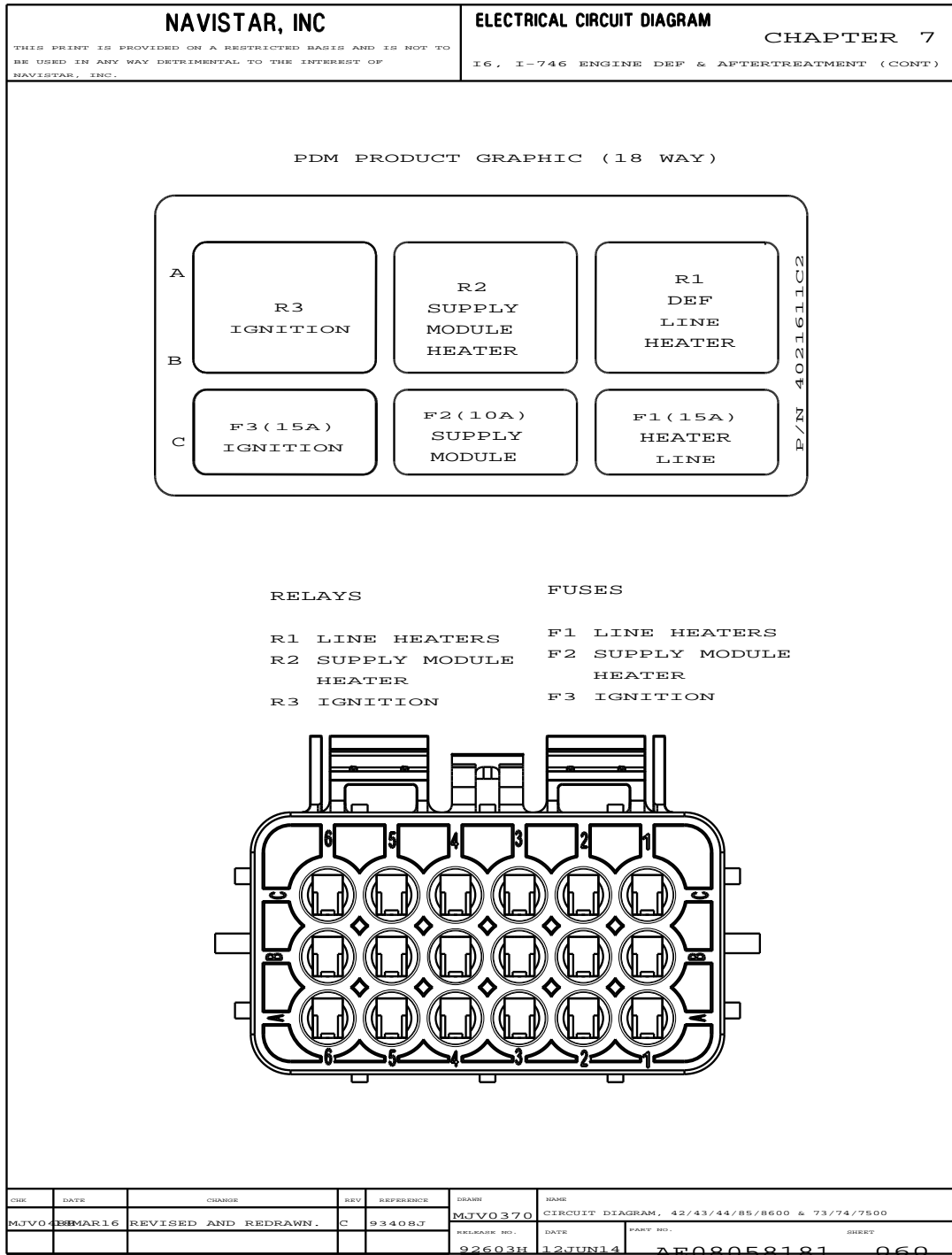


Figure 258 I6, I-746 Engine DEF and Aftertreatment (Cont.)

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

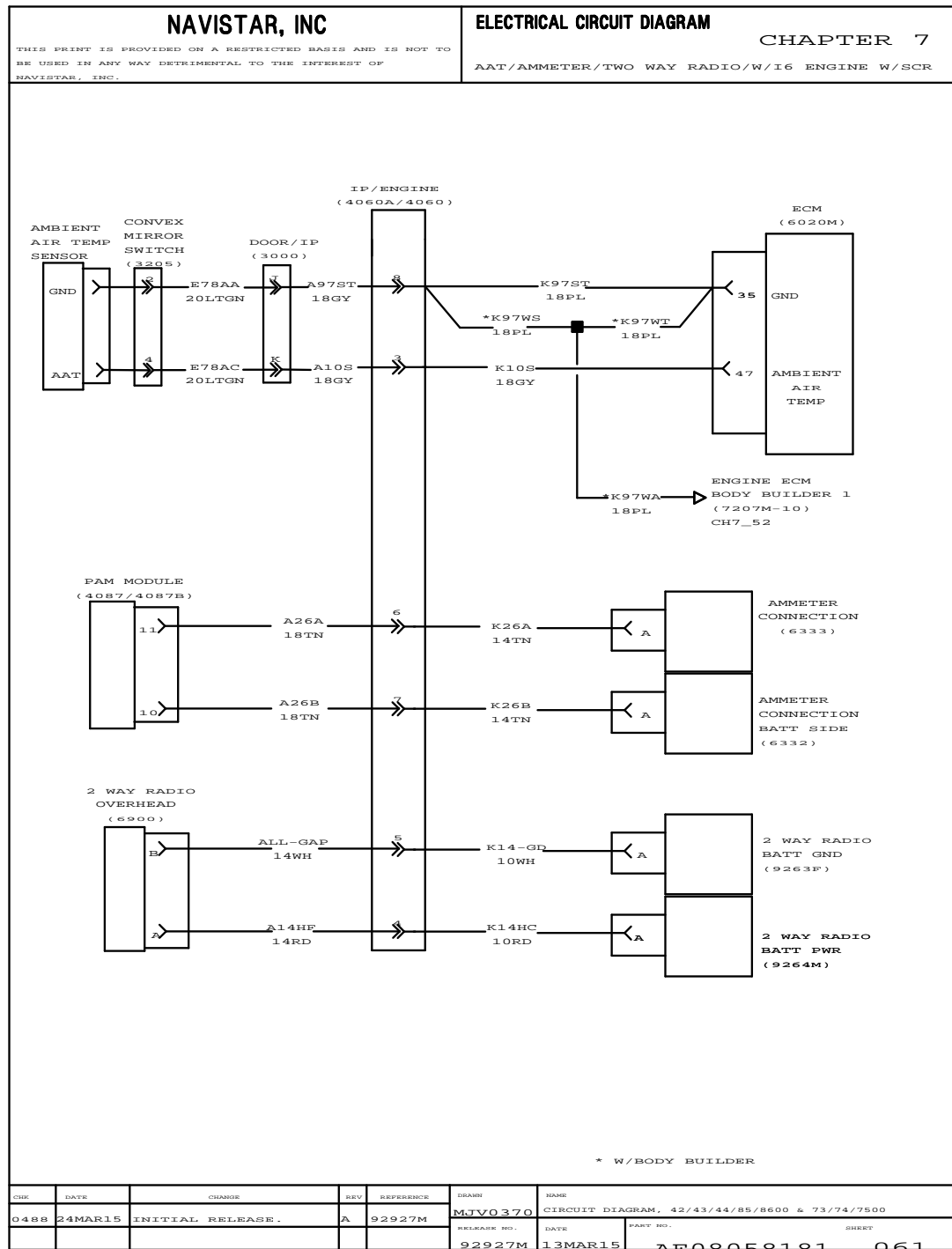


Figure 259 AAT / Ammeter / Two Way Radio with I6 Engine with SCR

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

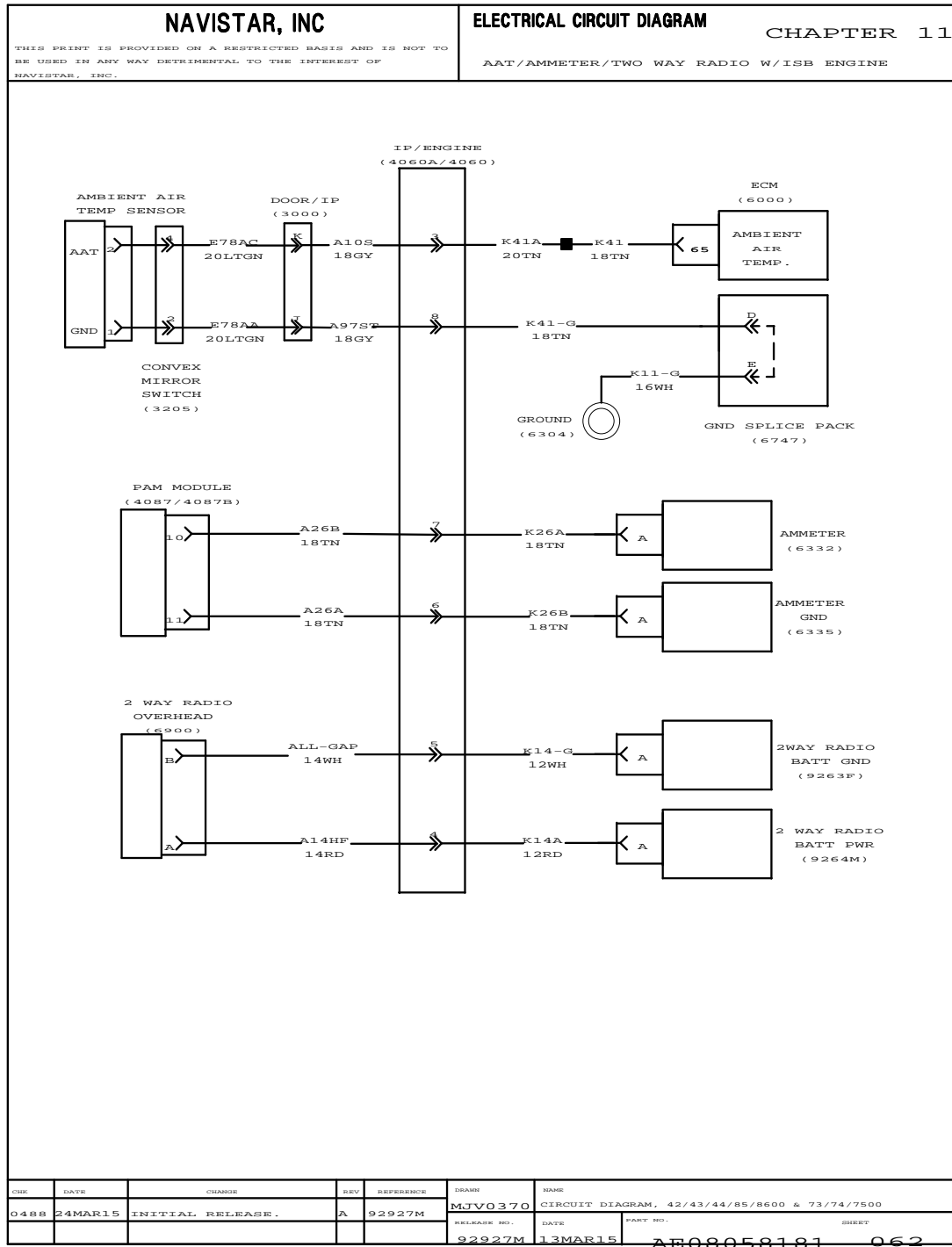


Figure 260 AAT / Ammeter / Two Way Radio with ISB Engine

7.71. DRIVER CONTROL UNIT, P. 63

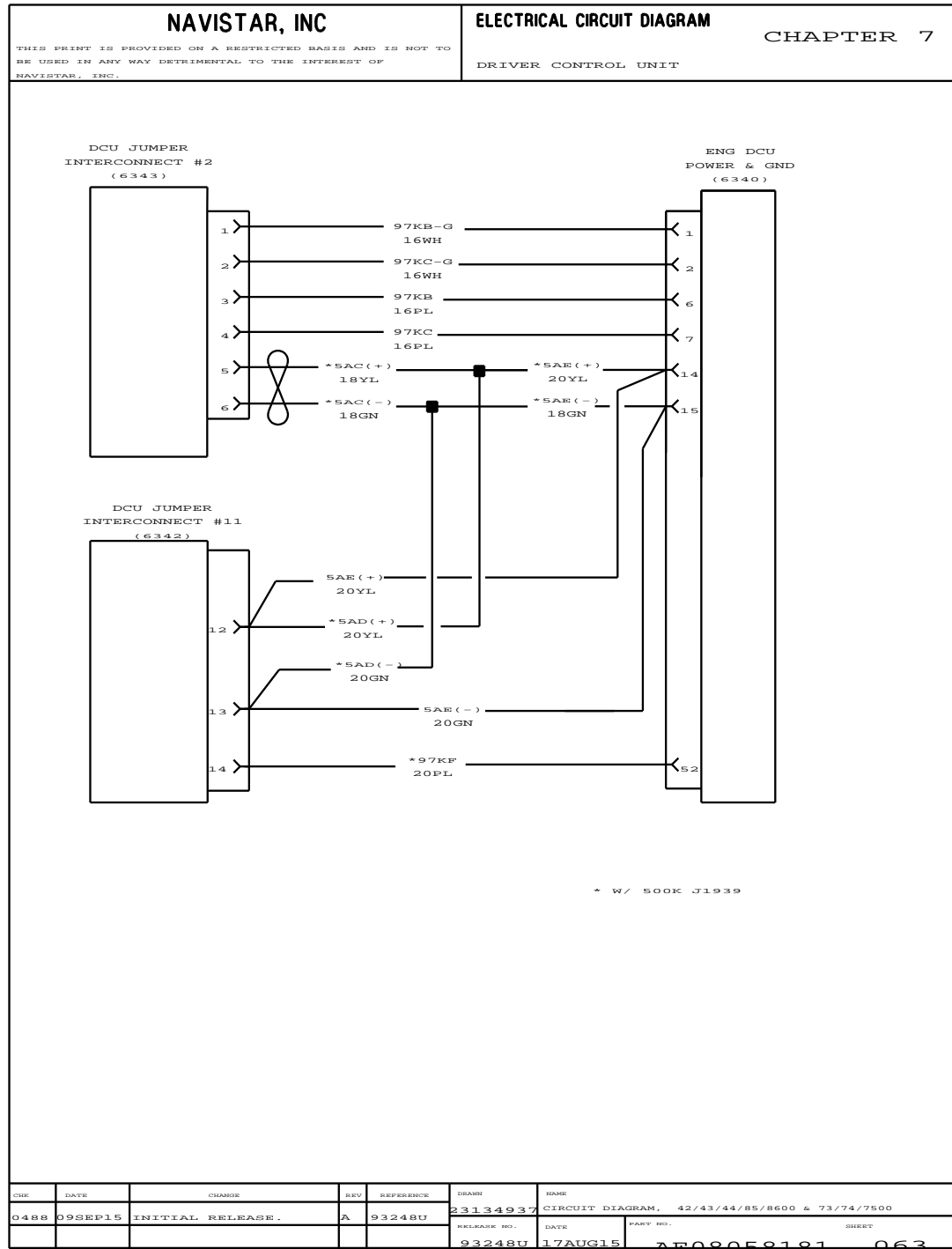


Figure 261 Driver Control Unit

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

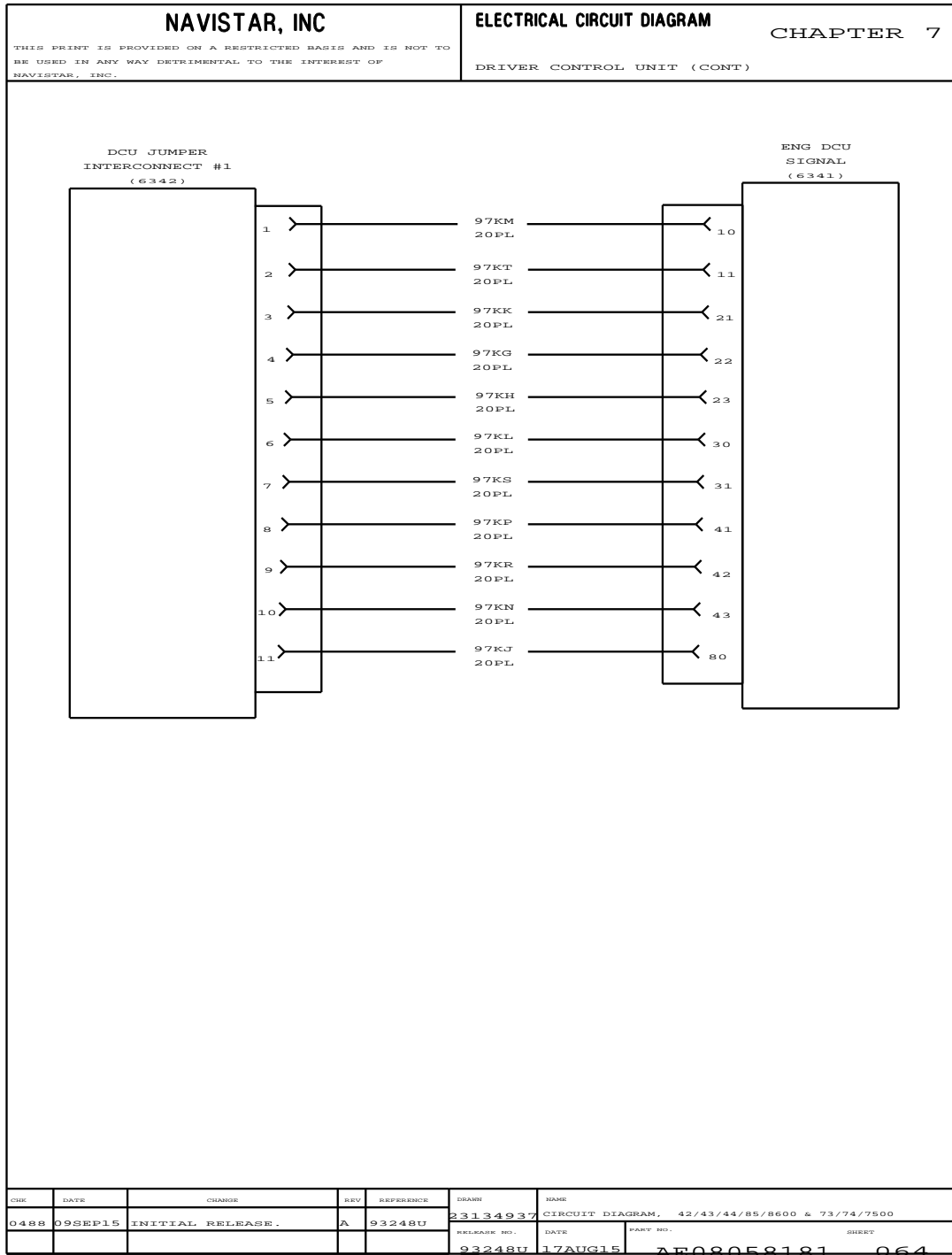


Figure 262 Driver Control Unit (Cont.)

7.73. EATON PROCISION TRANSMISSION, P. 65

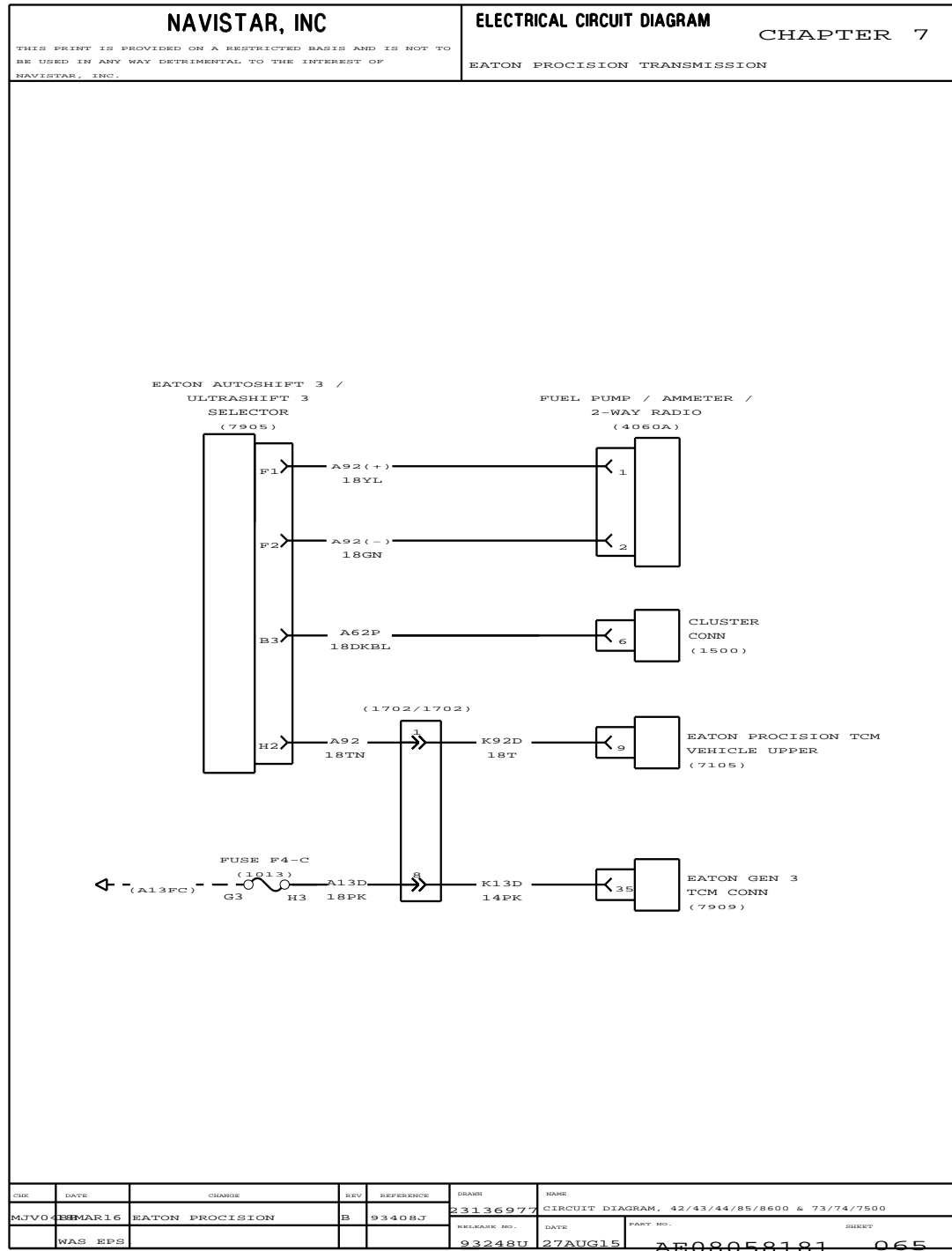


Figure 263 Eaton Procision Transmission

8.2. WARNING LIGHT LIST, P. 2

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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.

ELECTRICAL CIRCUIT DIAGRAM

WARNING LIGHTS LIST

CHAPTER 8

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	TRLE 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	
P/O/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	
P/O	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

CSE	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
						AW09050182

002

Figure 265 Warning Light List

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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 style="text-align: center;">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> <p>DO NOT SHIPT</p> <p>ENGINE (YELLOW LENS)</p> <p>ENGINE (RED LENS)</p> <p>TRAC CTRL</p> <p>CHECK TRANS</p> <p>TRAILER ABS</p> <p>CHECK ELECTR SYS</p> <p>ABS</p> <p>WAIT TO START</p> <p>RETARD OVERHEAT</p> <p>AUTO NEUTRAL</p> <p>OPTIMIZED IDLE</p>																																																		
<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>DESN</th> <th>NAME</th> </tr> <tr> <td>DLV1</td> <td>18SEP09</td> <td>INITIAL RELEASE.</td> <td>A</td> <td>61229V</td> <td>300647</td> <td>CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>RELEASE NO.</td> <td>DATE</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>61229V</td> <td>28APR09</td> </tr> </table>	CHK	DATE	CHANGE	REV	REFERENCE	DESN	NAME	DLV1	18SEP09	INITIAL RELEASE.	A	61229V	300647	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500						RELEASE NO.	DATE						61229V	28APR09	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="4"></td> <td colspan="2">PART NO.</td> <td colspan="2">SHEET</td> </tr> <tr> <td colspan="4"></td> <td colspan="2">AE08058182</td> <td colspan="2">003</td> </tr> </table>										PART NO.		SHEET						AE08058182		003	
CHK	DATE	CHANGE	REV	REFERENCE	DESN	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.		SHEET																																												
				AE08058182		003																																												

Figure 266 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>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.</p>	<p>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 8</p> <p>ENG OIL PRESS & TEMP, SPEEDOMETER, TACH, VOLTMETER & 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>																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">CIR</th> <th style="width: 10%;">DATE</th> <th style="width: 30%;">CHANGE</th> <th style="width: 10%;">REV</th> <th style="width: 10%;">REFERENCE</th> <th style="width: 10%;">DRAWN</th> <th style="width: 20%;">NAME</th> </tr> <tr> <td>DLV1</td> <td>18SEP09</td> <td>INITIAL RELEASE.</td> <td>A</td> <td>61229V</td> <td>300647</td> <td>CIRCUIT DIAGRAM, 42/43/44/65/8600 & 73/74/7500</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>RELEASE NO.</td> <td>DATE</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>61229V</td> <td>28APR09</td> </tr> </table>	CIR	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	DLV1	18SEP09	INITIAL RELEASE.	A	61229V	300647	CIRCUIT DIAGRAM, 42/43/44/65/8600 & 73/74/7500						RELEASE NO.	DATE						61229V	28APR09	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">PART NO.</td> <td style="width: 60%;">SHEET</td> </tr> <tr> <td>AE08058182</td> <td>004</td> </tr> </table>	PART NO.	SHEET	AE08058182	004
CIR	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																											
DLV1	18SEP09	INITIAL RELEASE.	A	61229V	300647	CIRCUIT DIAGRAM, 42/43/44/65/8600 & 73/74/7500																											
					RELEASE NO.	DATE																											
					61229V	28APR09																											
PART NO.	SHEET																																
AE08058182	004																																

Figure 267 Engine Oil Pressure and Temp, Speedometer, Tachometer, Voltmeter and Water Temp Gauge Circuits

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

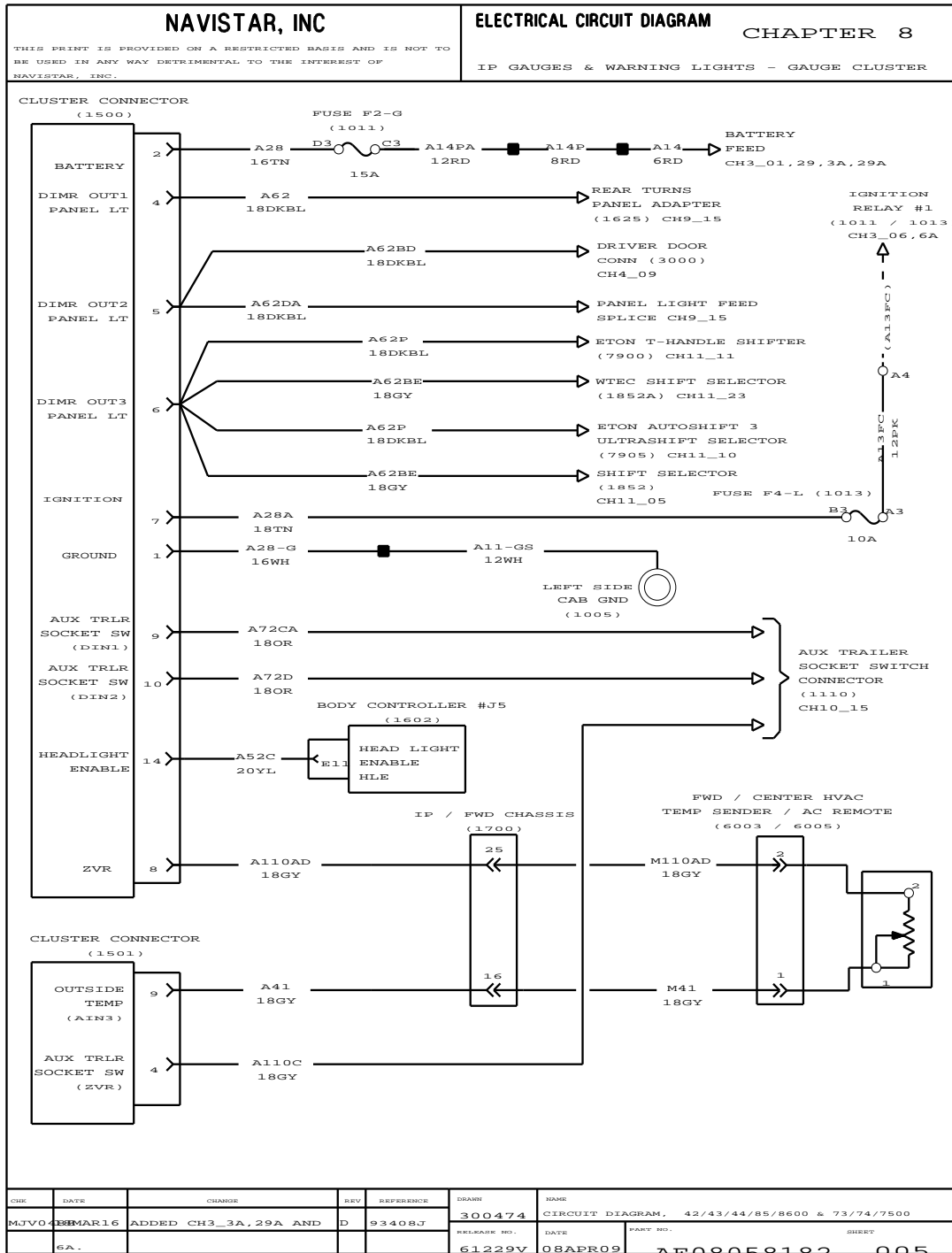


Figure 268 IP Gauges and Warning Lights — Gauge Cluster

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 8

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AIR PRESSURE INPUT CIRCUIT

WITH HYDRAULIC BRAKES

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	RELEASE NO.	DATE	PART NO.	SHEET
0488	24 JAN 14	REVISED AND REDRAWN.	D	92372W	300474	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	61229V	09 APR 09	4708058182	006

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ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

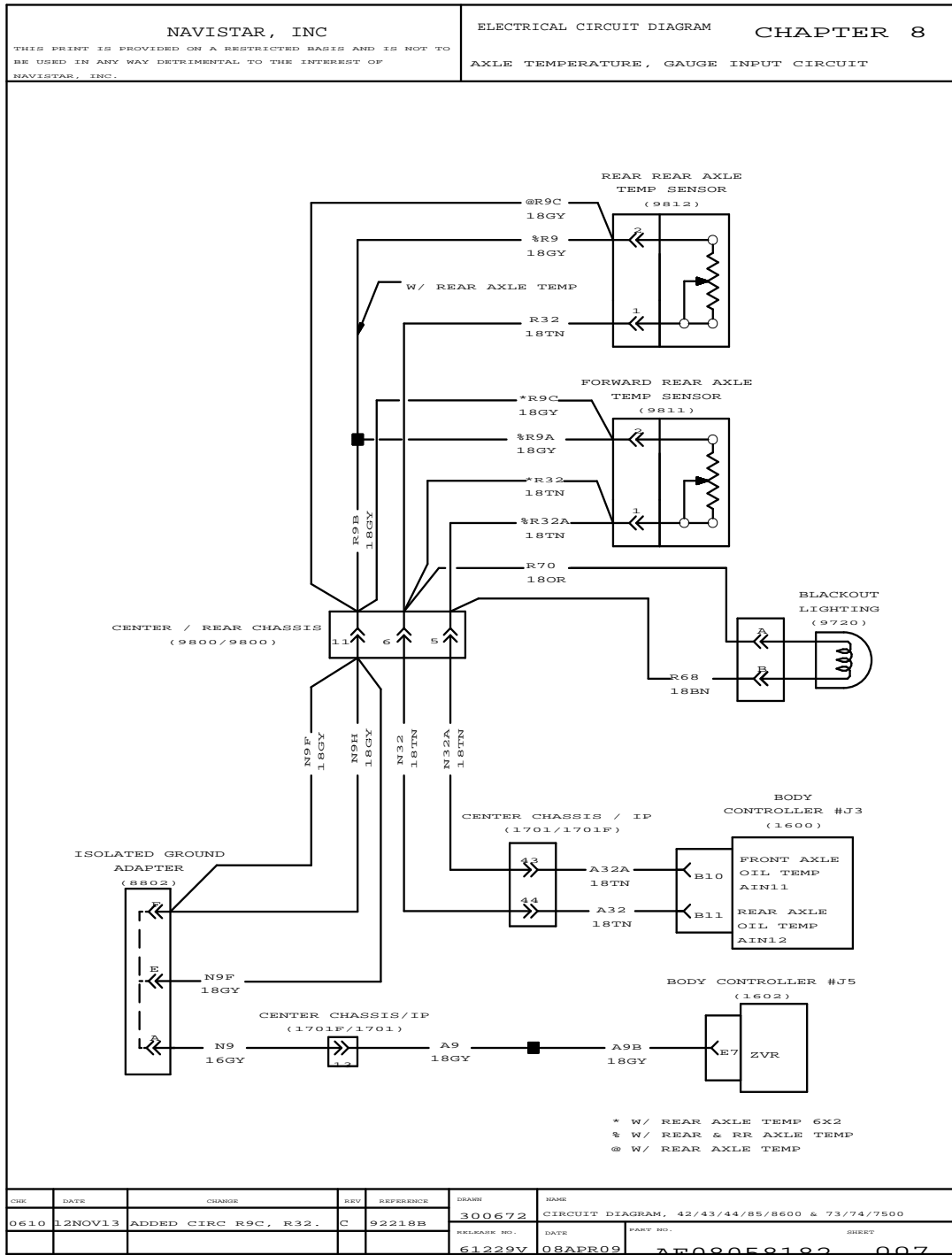


Figure 270 Axle Temperature, Gauge Input Circuit

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

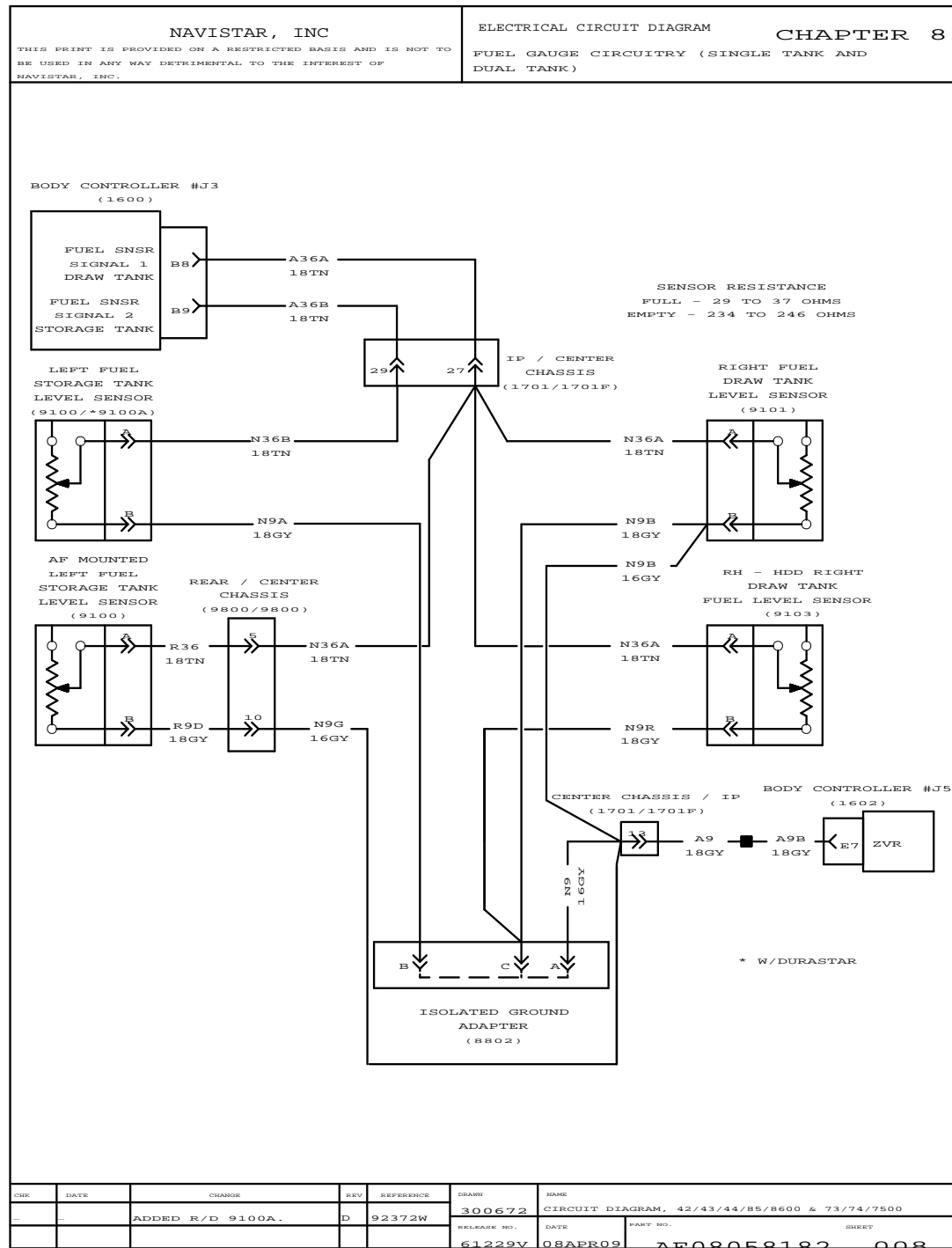


Figure 271 Fuel Gauge Circuitry (Single Tank and Dual Tank)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

8.9. FUEL GAUGE CIRCUITRY, P. 8A

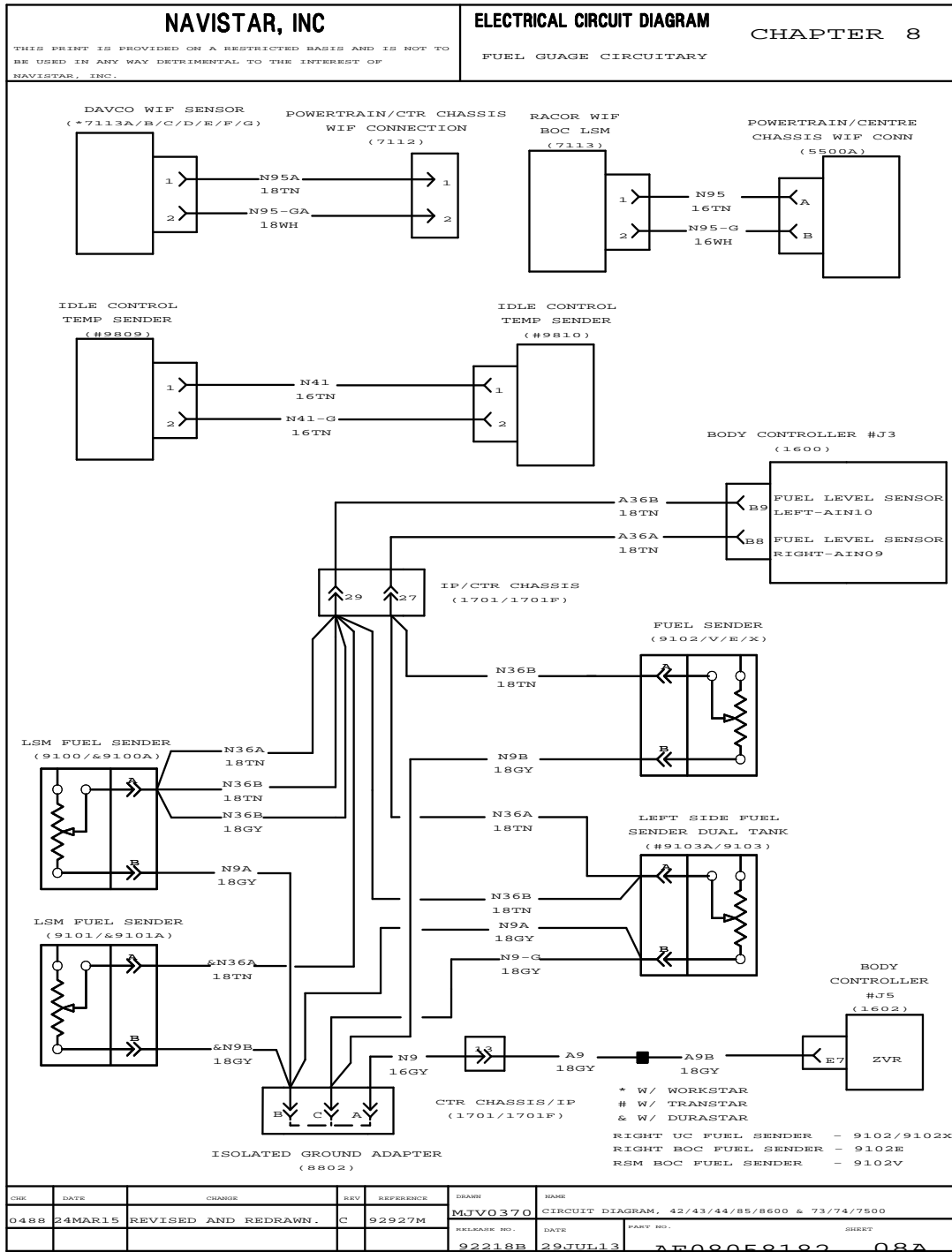


Figure 272 Fuel Gauge Circuitry

8.10. DIFFERENTIAL LOCK WARNING LAMPS, P. 9

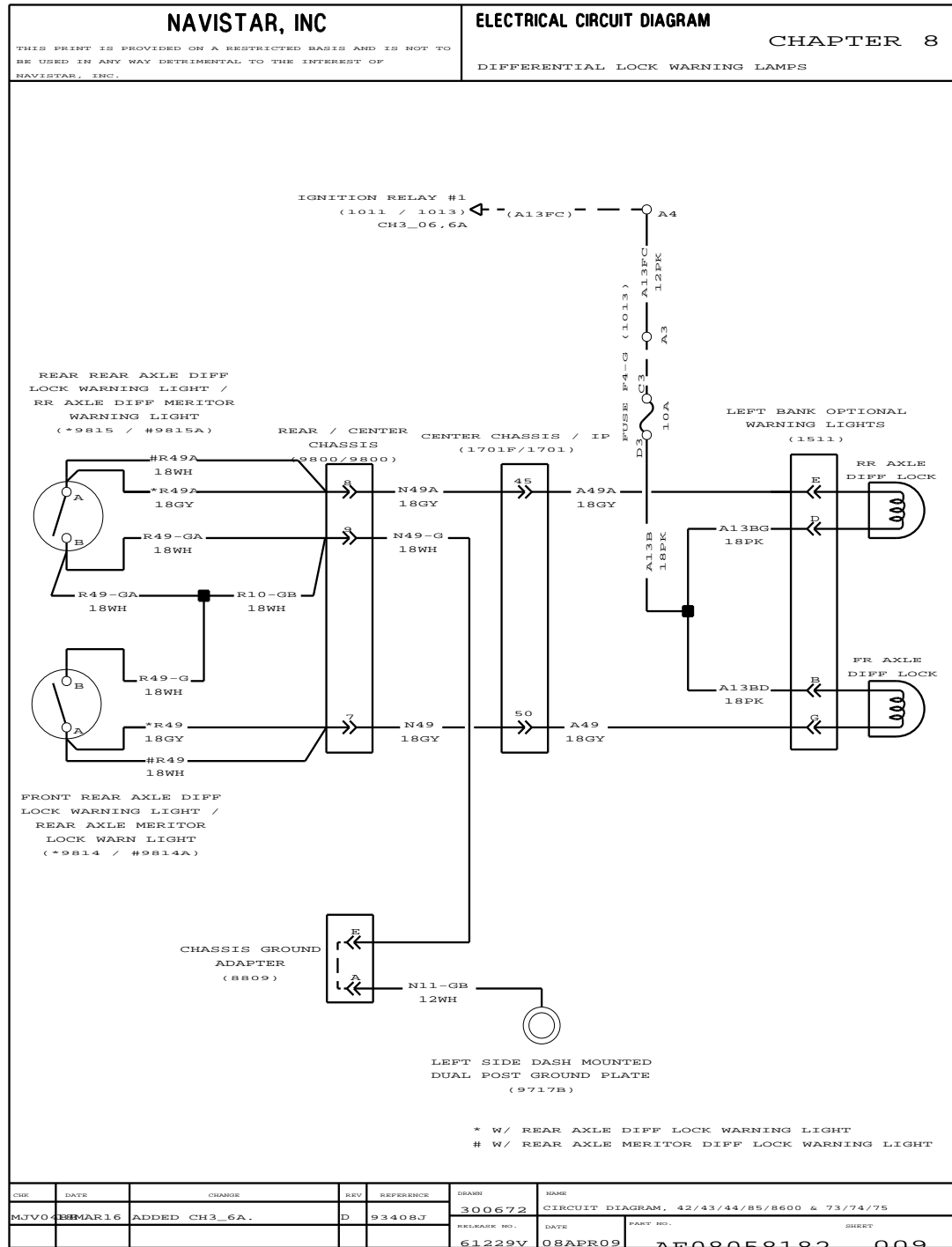


Figure 273 Differential Lock Warning Lamps

ELECTRICAL CIRCUIT DIAGRAM MANUAL

8.11. PARK BRAKE SWITCH HYDRAULIC, P. 10

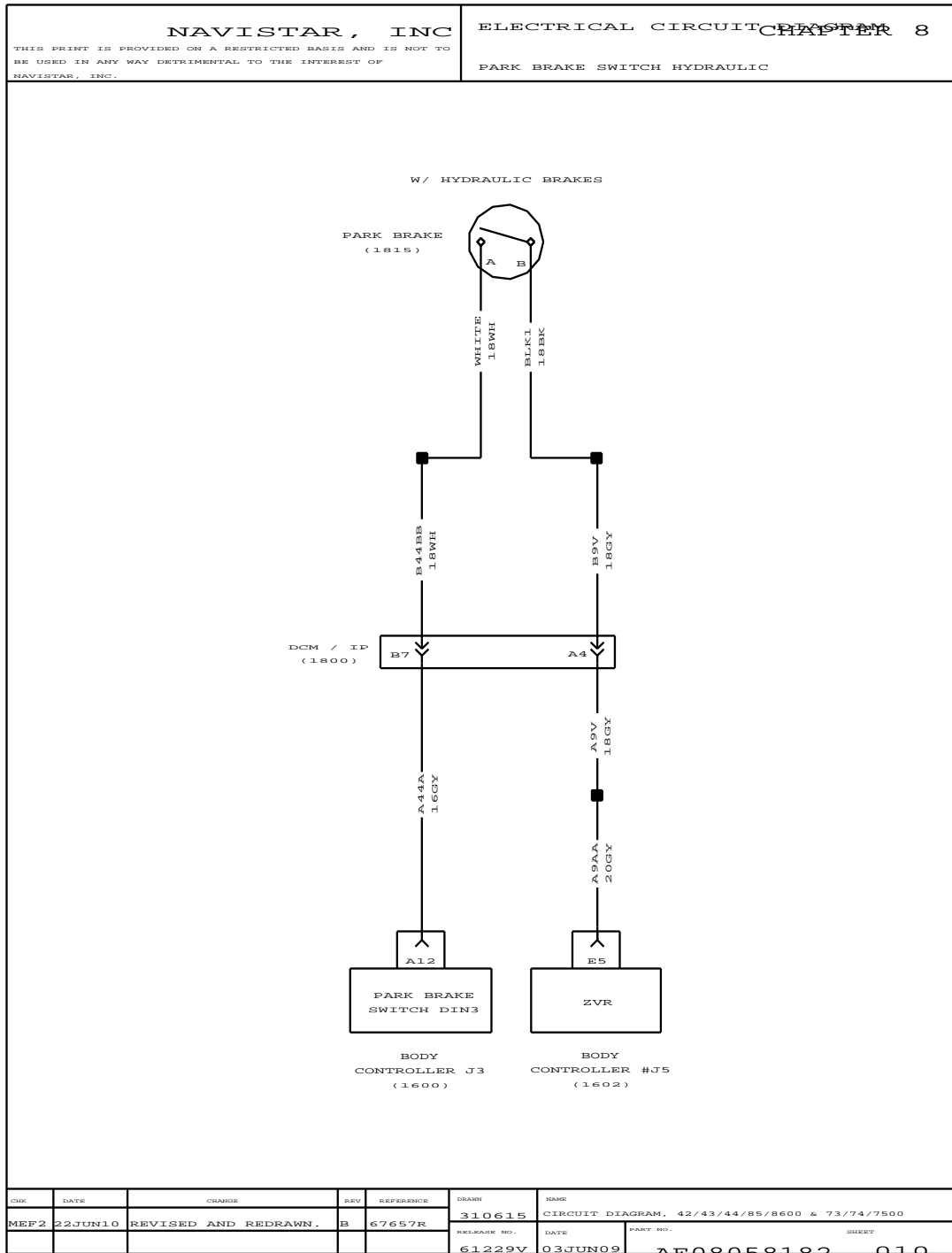


Figure 274 Park Brake Switch Hydraulic

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

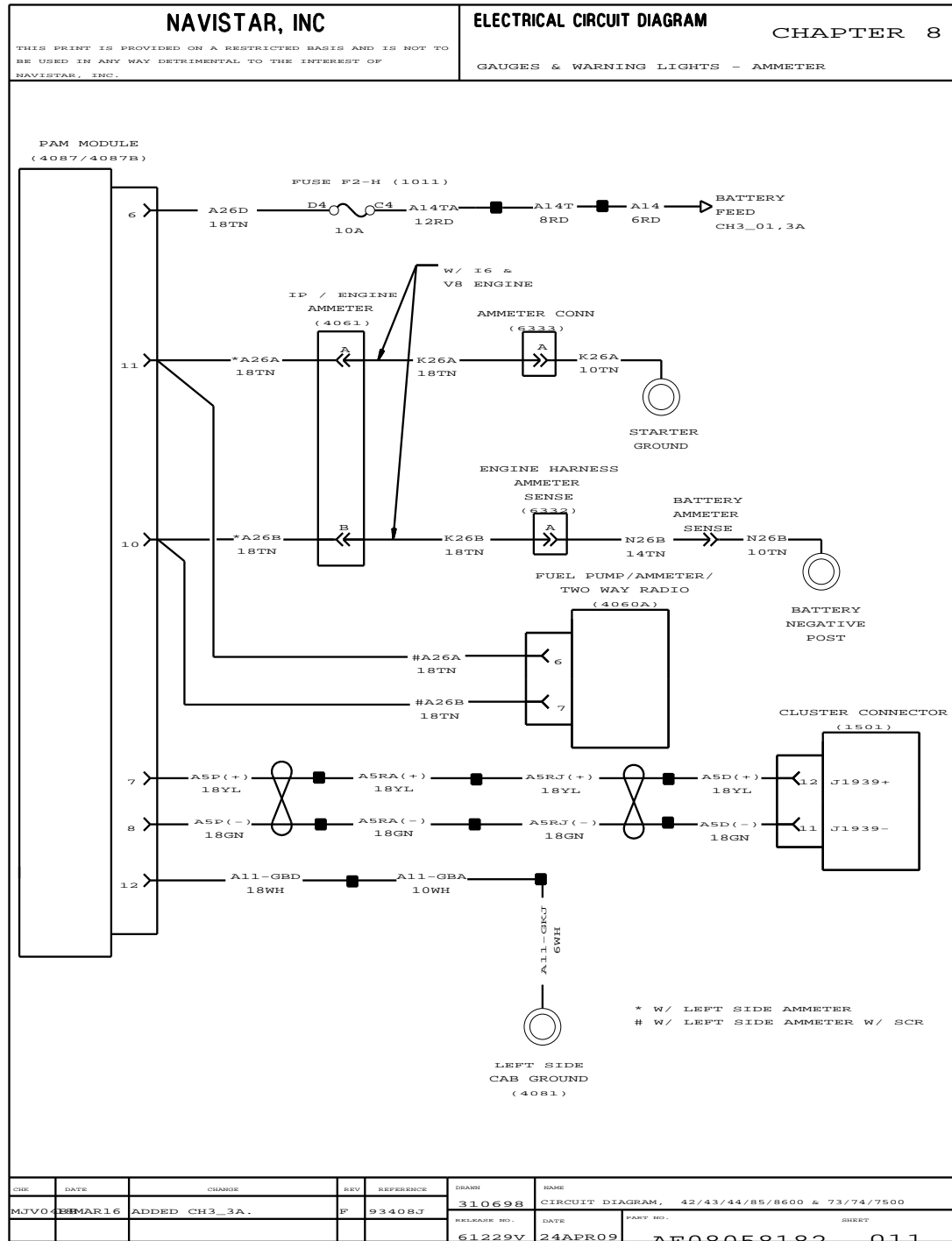


Figure 275 Gauges and Warning Lights – Ammeter

ELECTRICAL CIRCUIT DIAGRAM MANUAL

8.13. FRONT AXLE ENGAGEMENT WARNING LAMP, P. 12

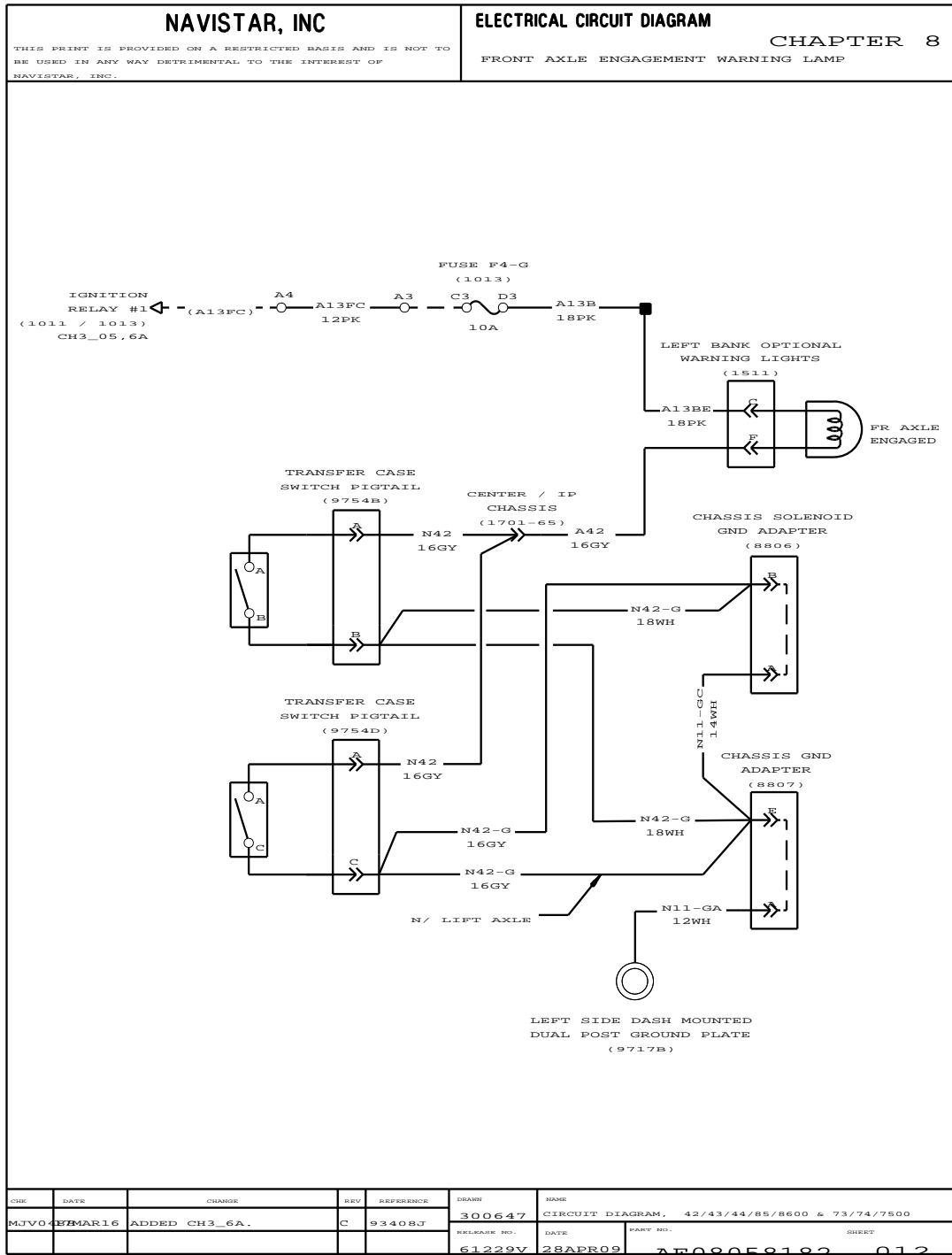


Figure 276 Front Axle Engagement Warning Lamp

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

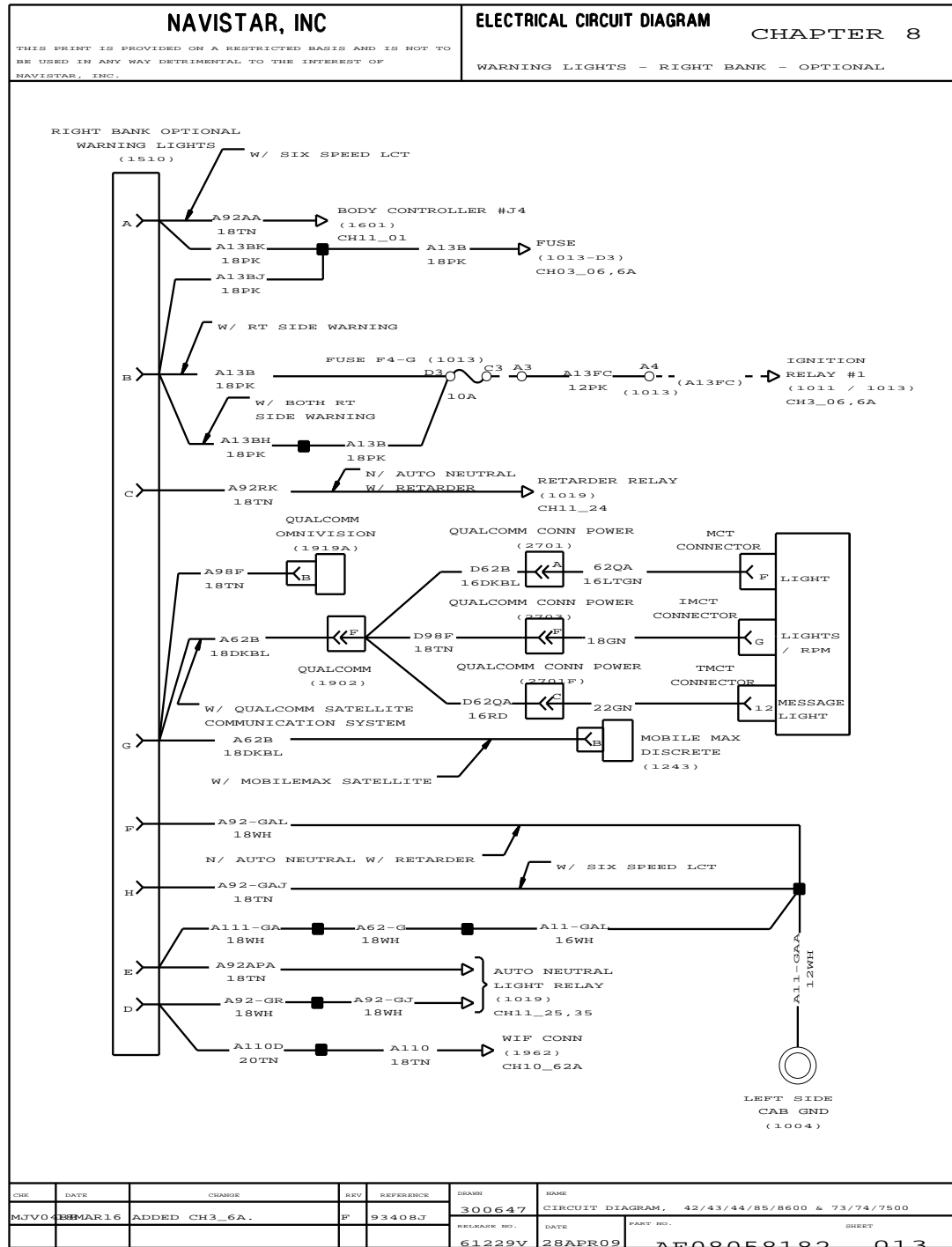


Figure 277 Warning Lights – Right Bank – Optional

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

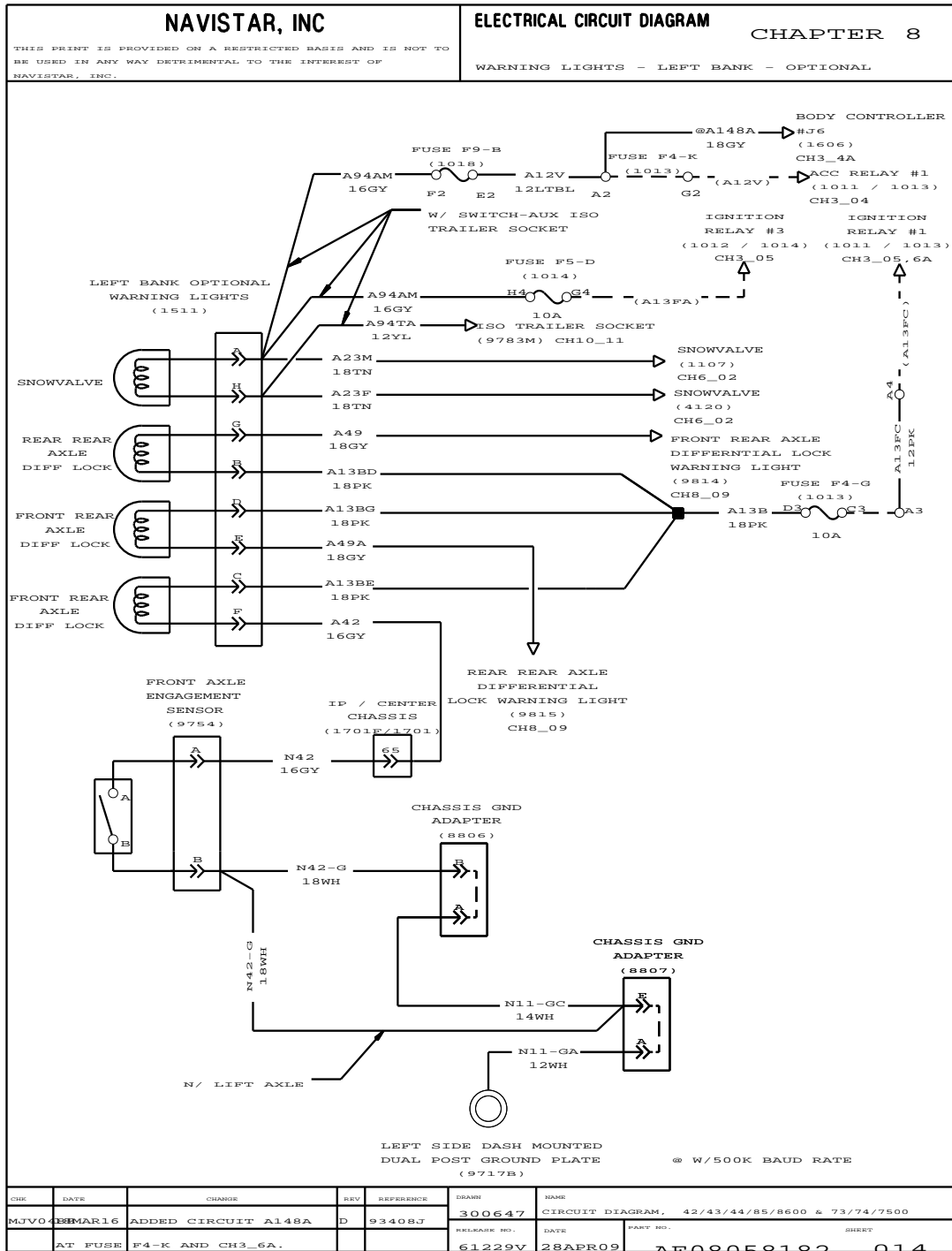


Figure 278 Warning Lights – Left Bank – Optional

8.16. LOAD MONITORING, P. 15

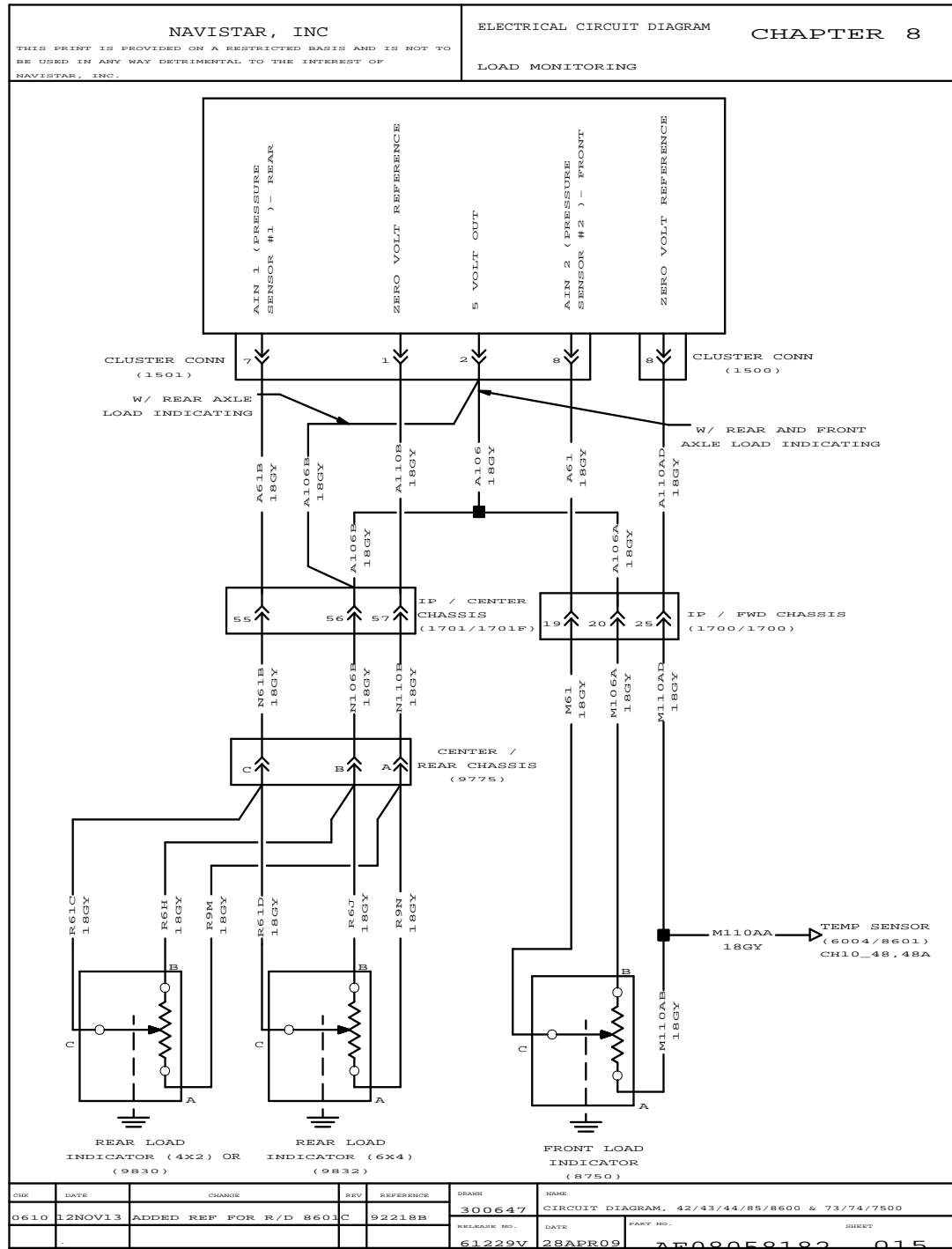


Figure 279 Load Monitoring

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

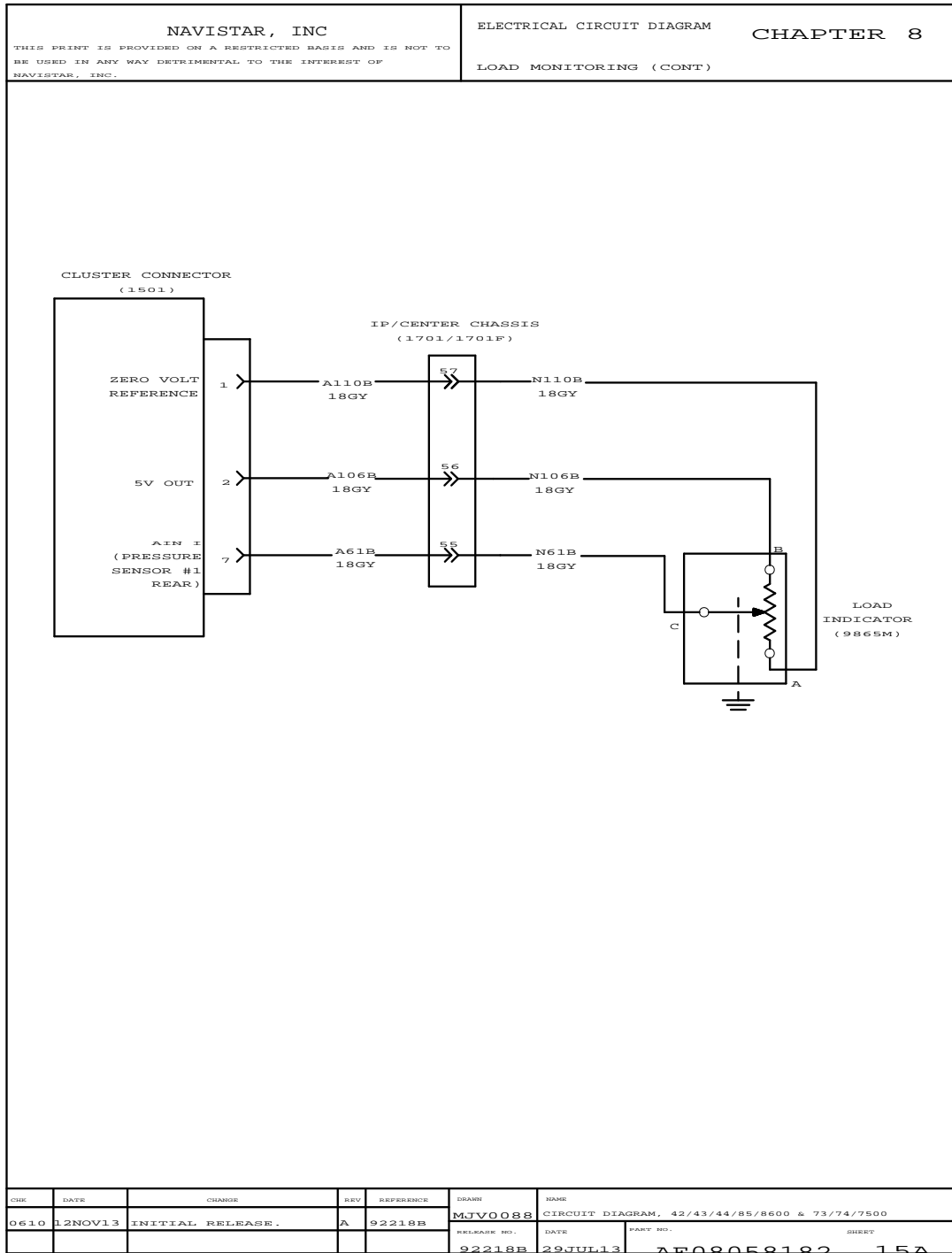


Figure 280 Load Monitoring (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

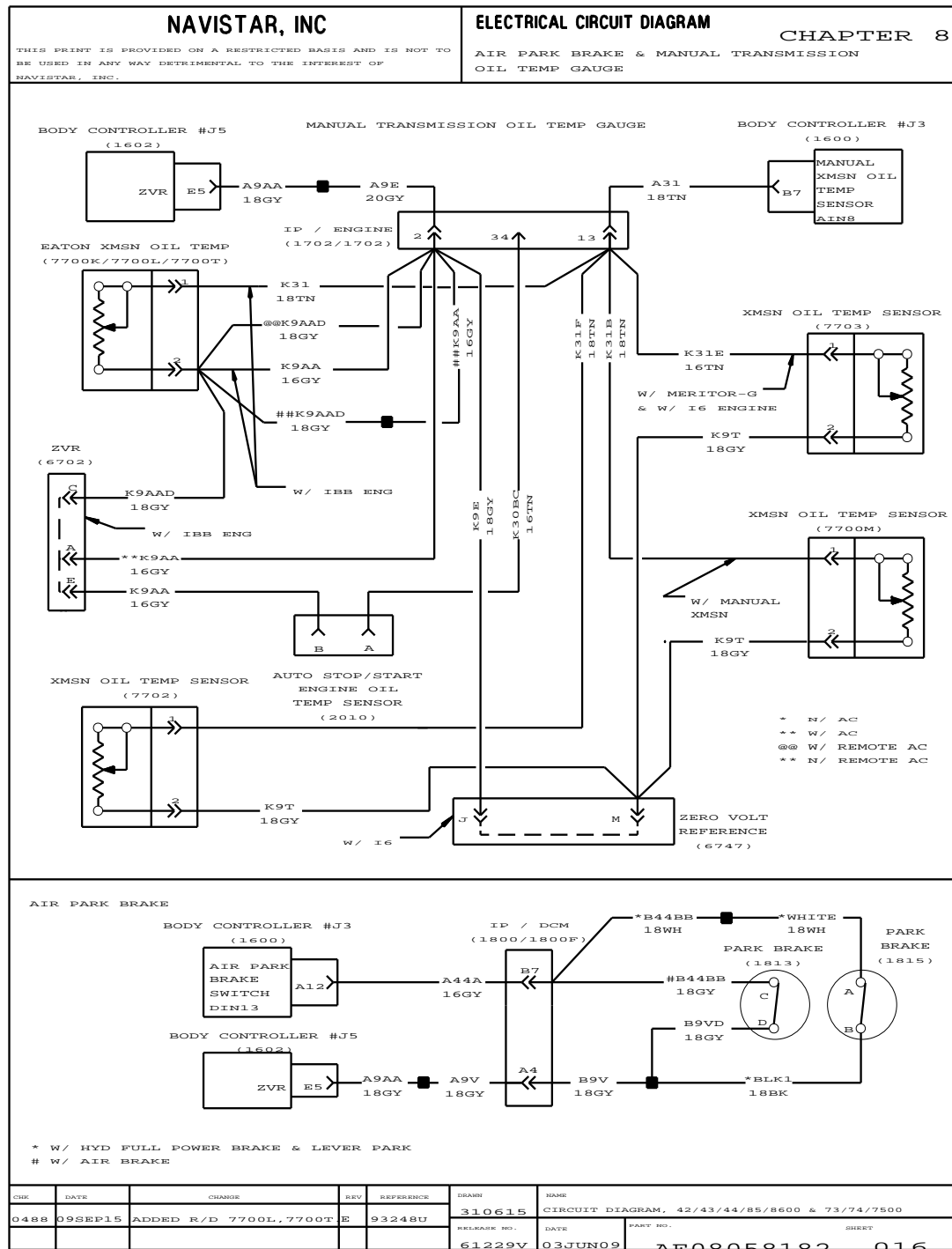


Figure 281 Air Park Brake and Manual Transmission Oil Temp Gauge

ELECTRICAL CIRCUIT DIAGRAM MANUAL

8.19. FUEL HEATER CONNECTIONS, P. 17

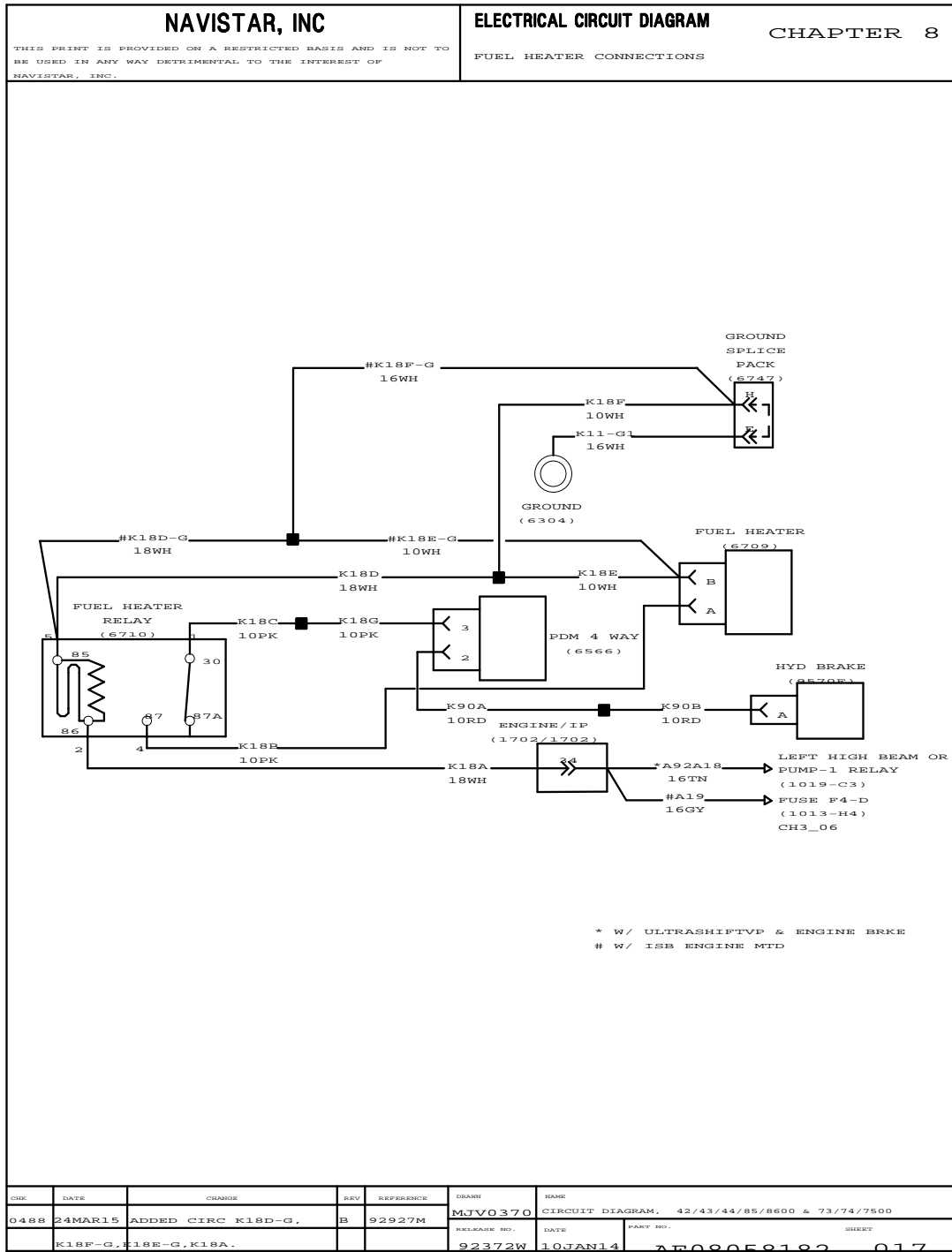


Figure 282 Fuel Heater Connections

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

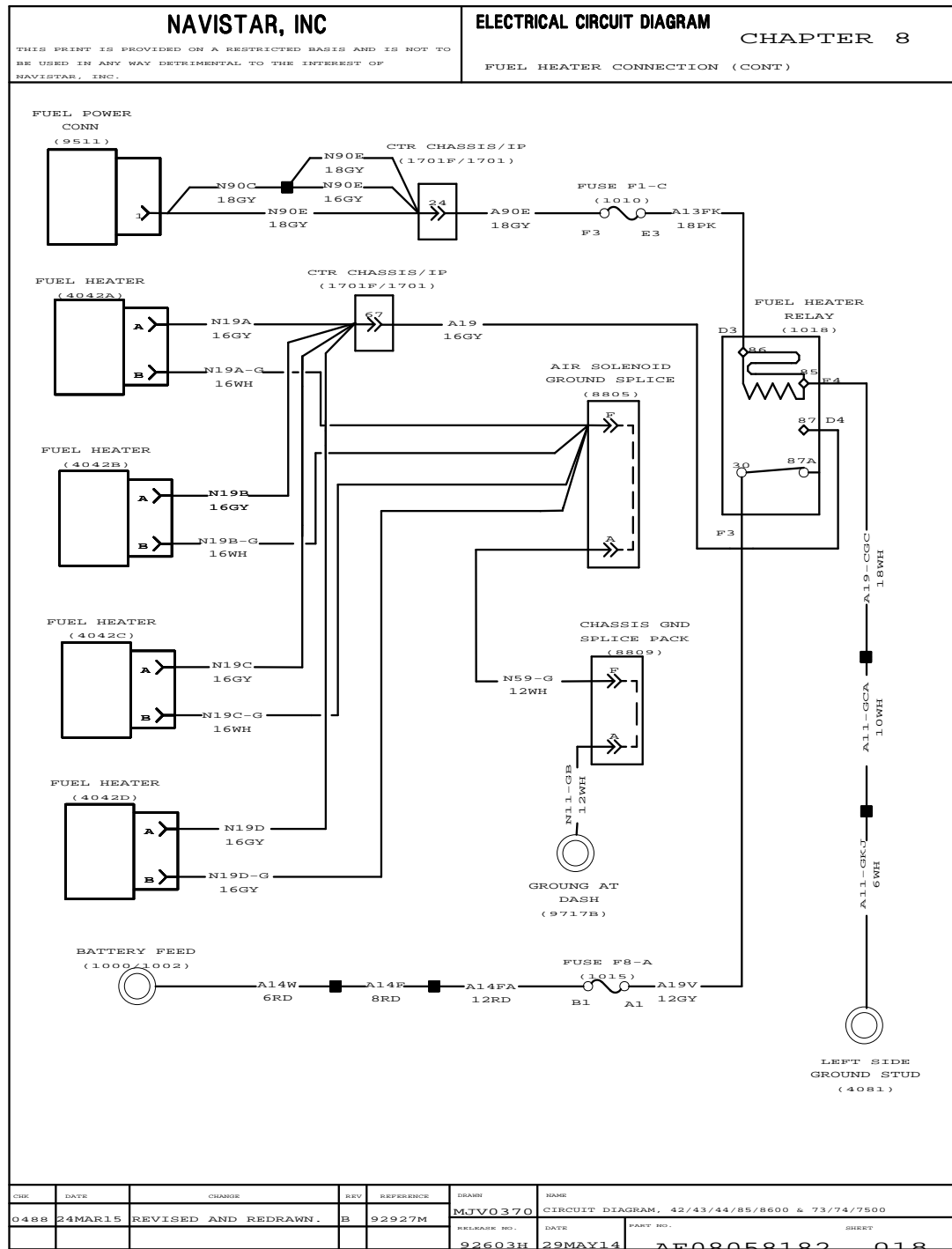


Figure 283 Fuel Heater Connections (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

8.21. BATTERY WARNING INDICATOR, P. 19

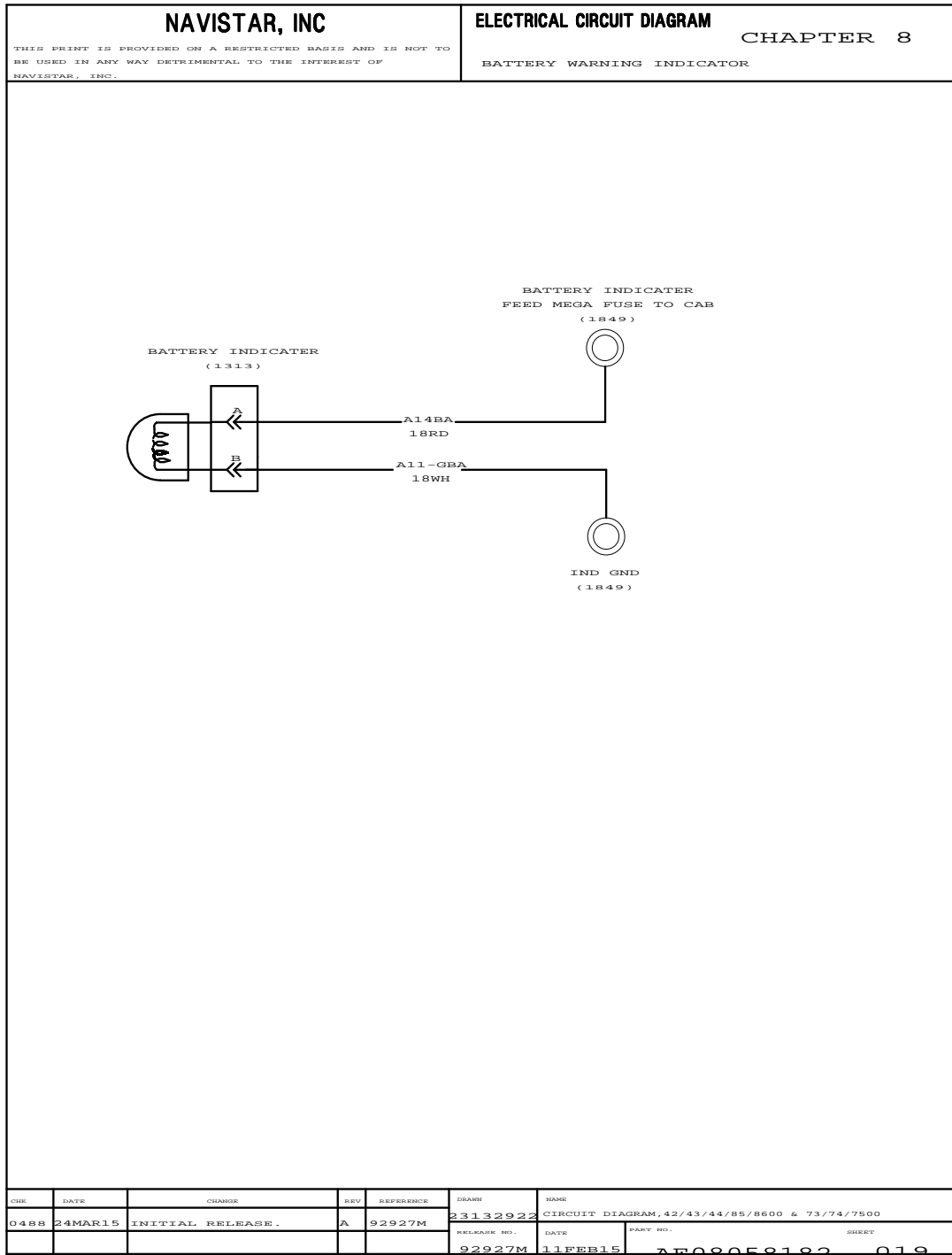


Figure 284 Battery Warning Indicator

LIGHTS (CHAPTER 9)

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

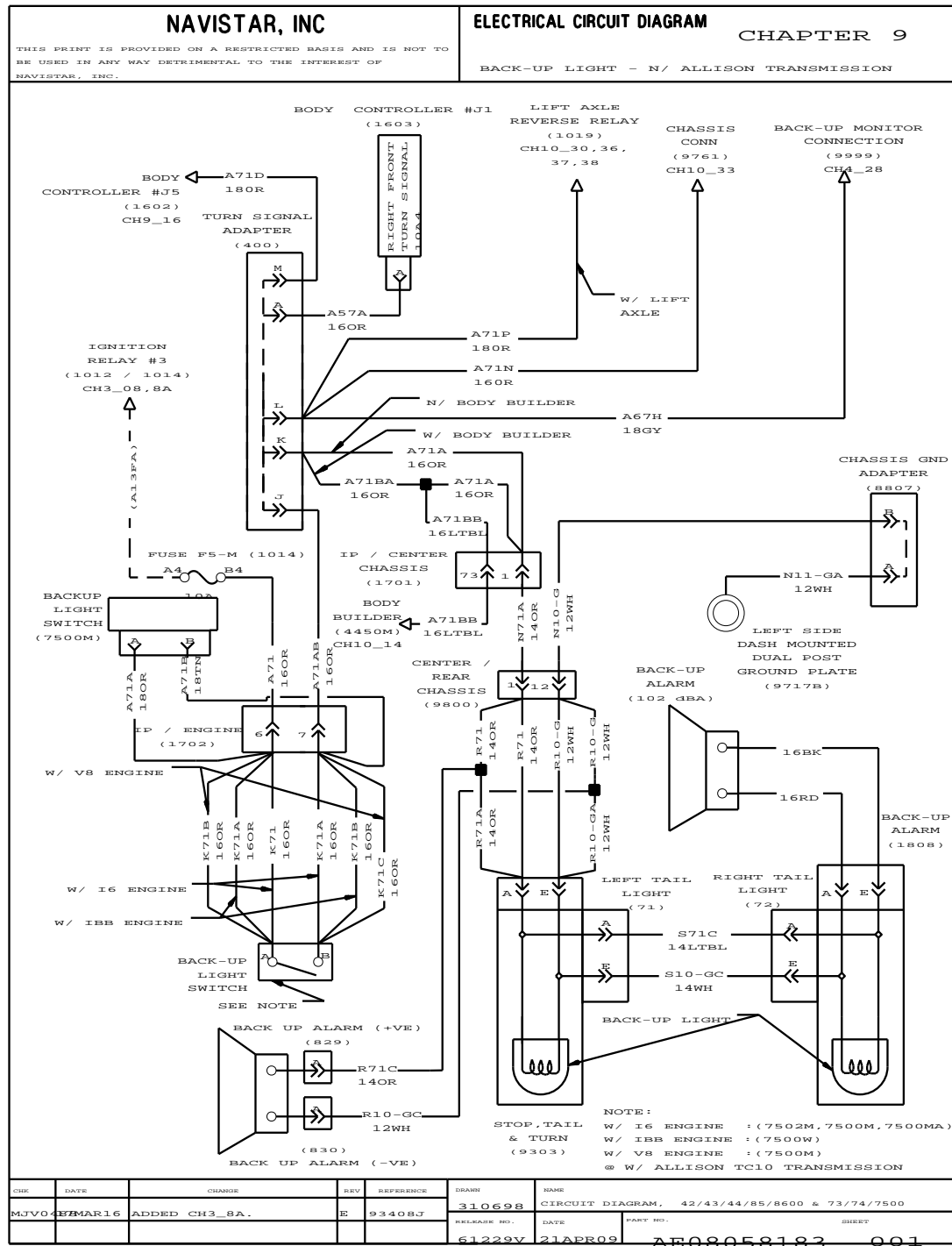


Figure 285 Back-Up Lights without Allison Transmission

9.3. LIGHT SYSTEMS – CLEARANCE, MARKER, PARK, TAIL, TURN AND STOP LIGHTS, P. 3

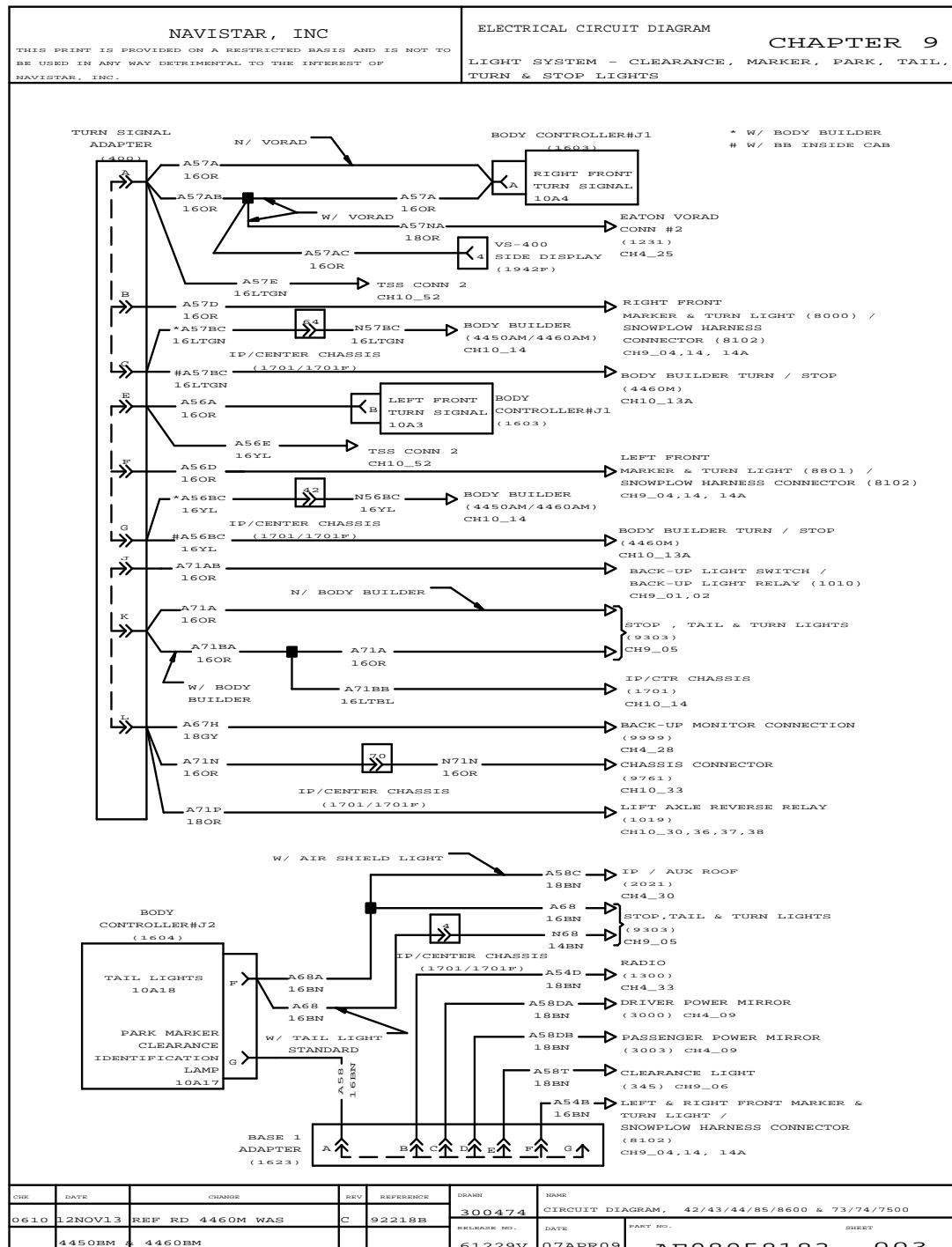


Figure 287 Light Systems – Clearance, Marker, Park, Tail, Turn and Stop Lights

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

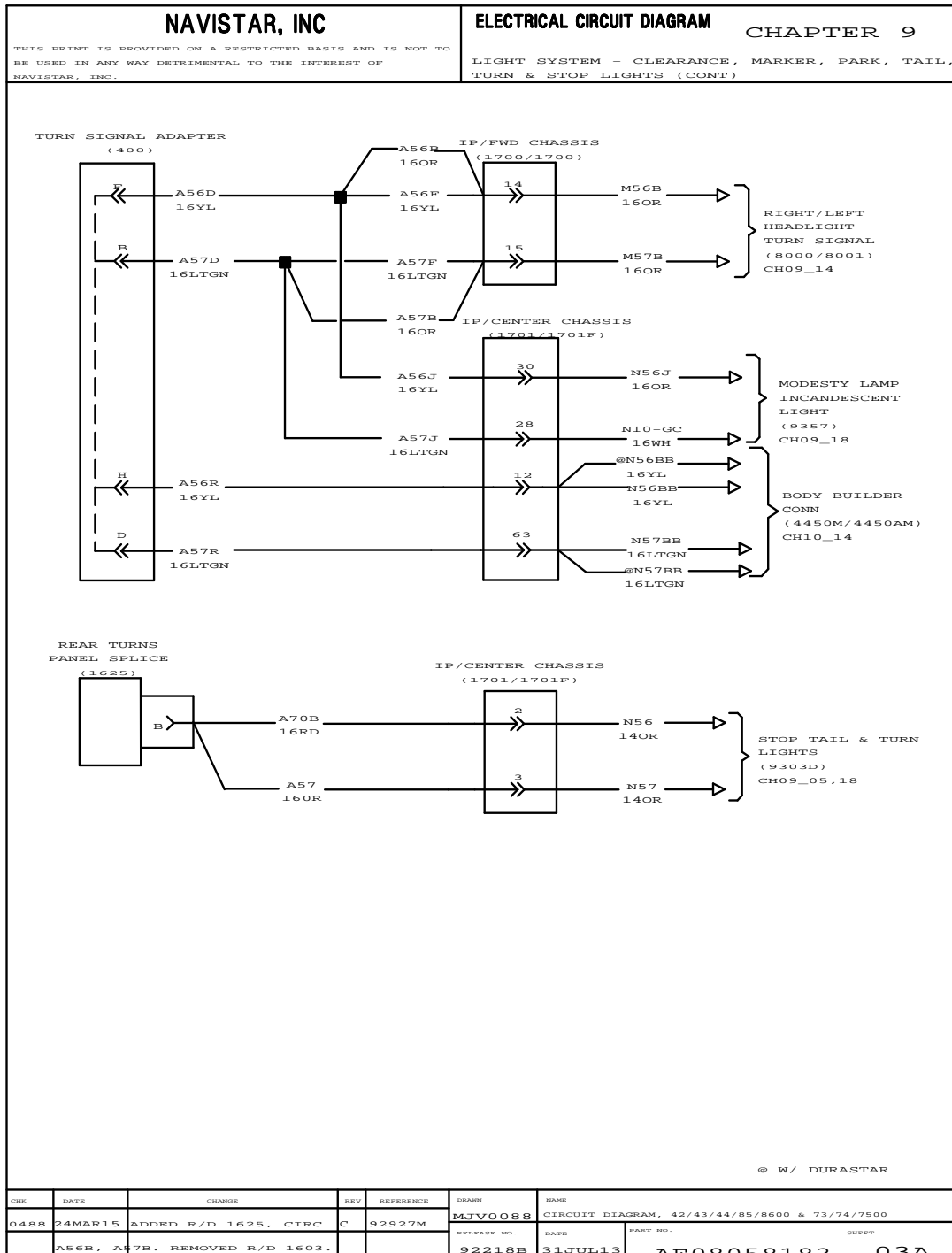


Figure 288 Light Systems – Clearance, Marker, Park, Tail, Turn and Stop Lights (Cont.)

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

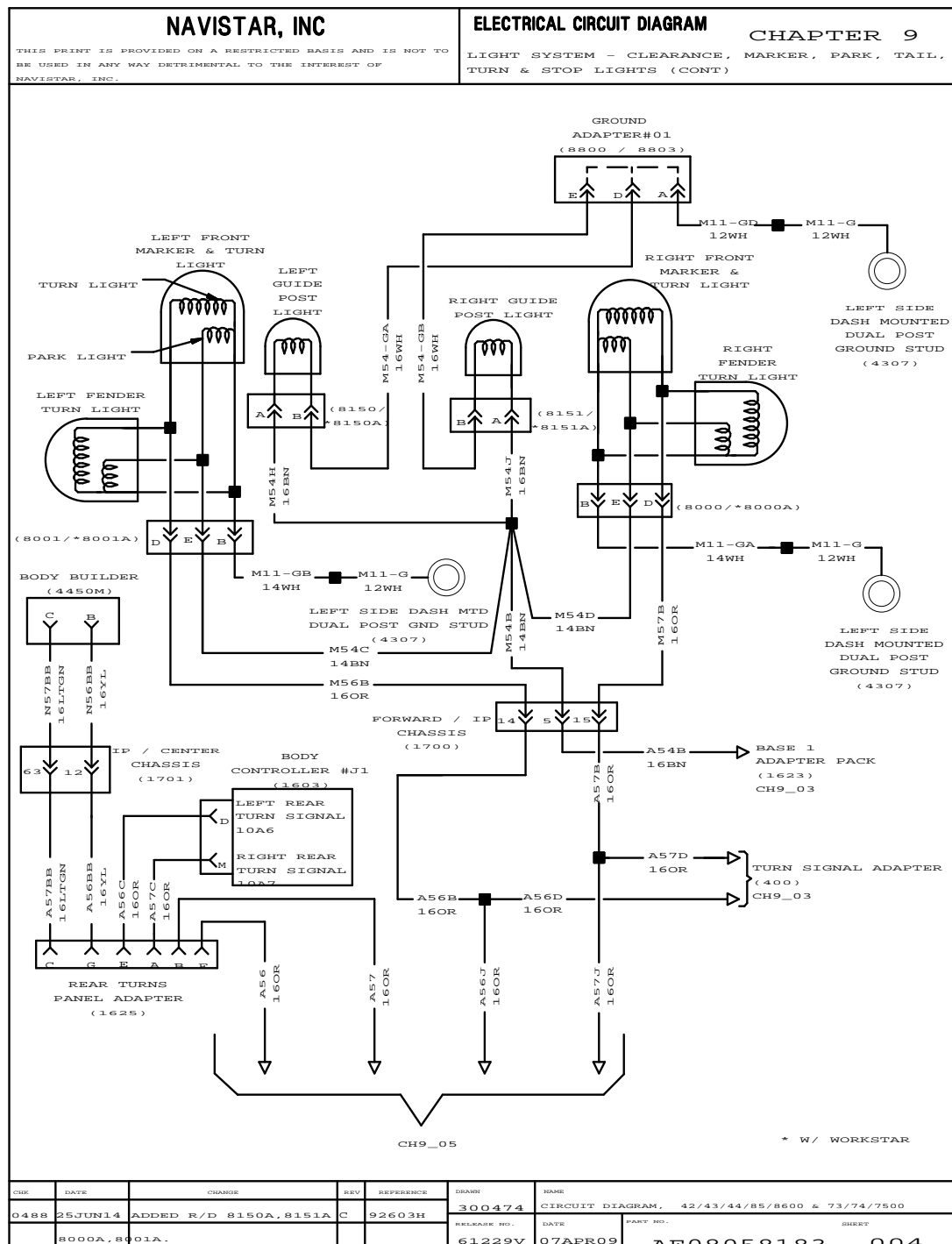


Figure 289 Light Systems – Clearance, Marker, Park, Tail, Turn and Stop Lights (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

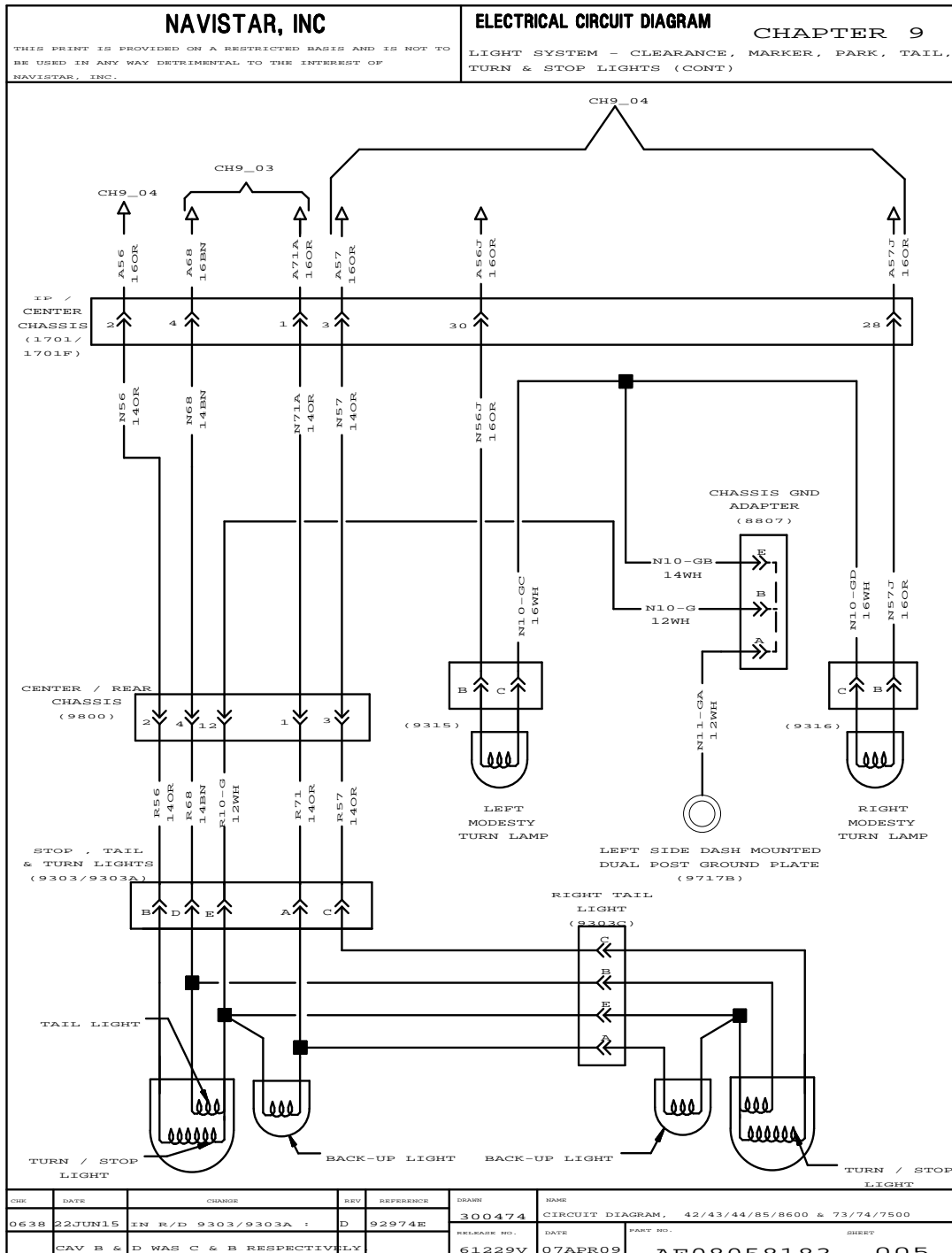


Figure 290 Light Systems – Clearance, Marker, Park, Tail, Turn and Stop Lights (Cont.)

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

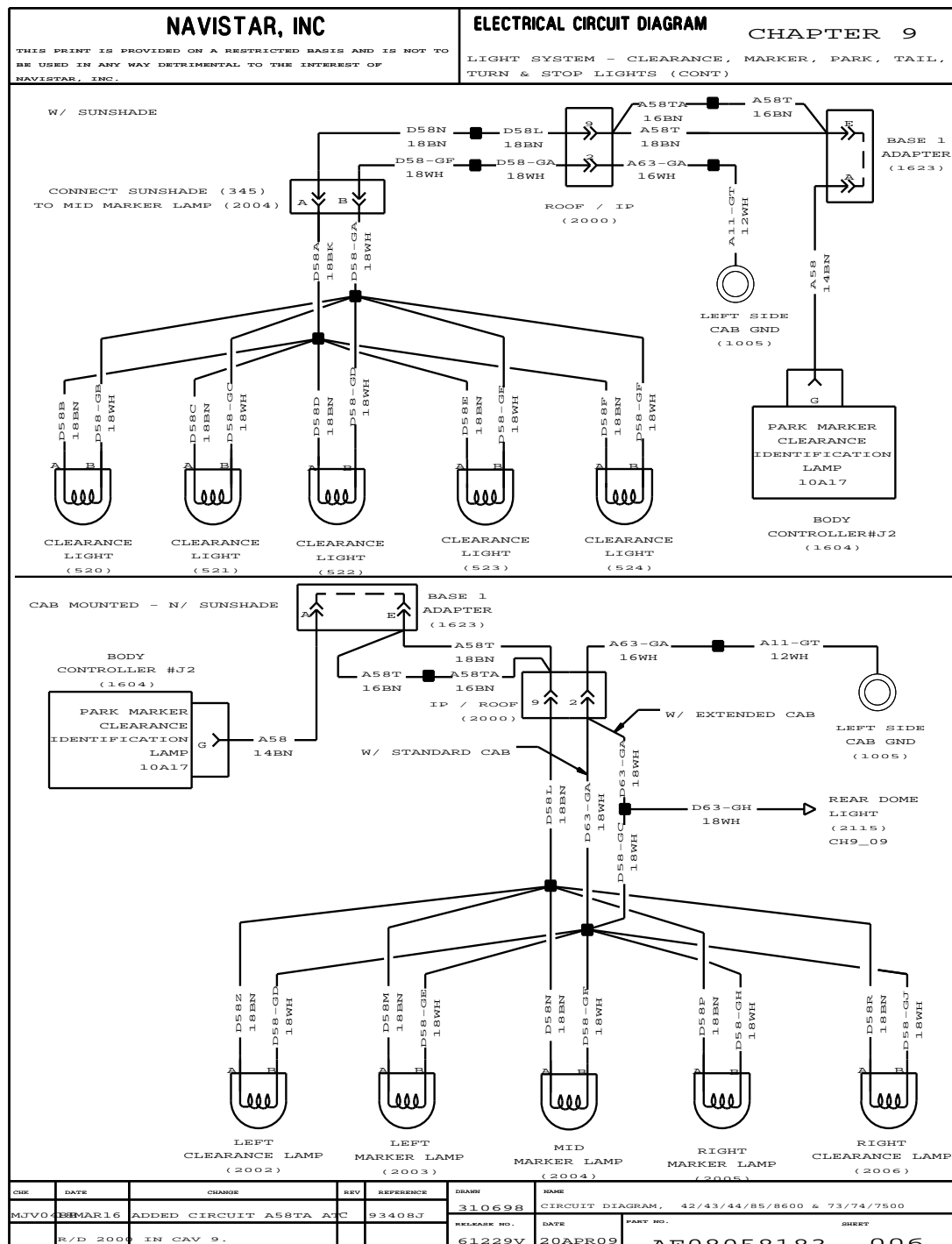


Figure 291 Light Systems – Clearance, Marker, Park, Tail, Turn and Stop Lights (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

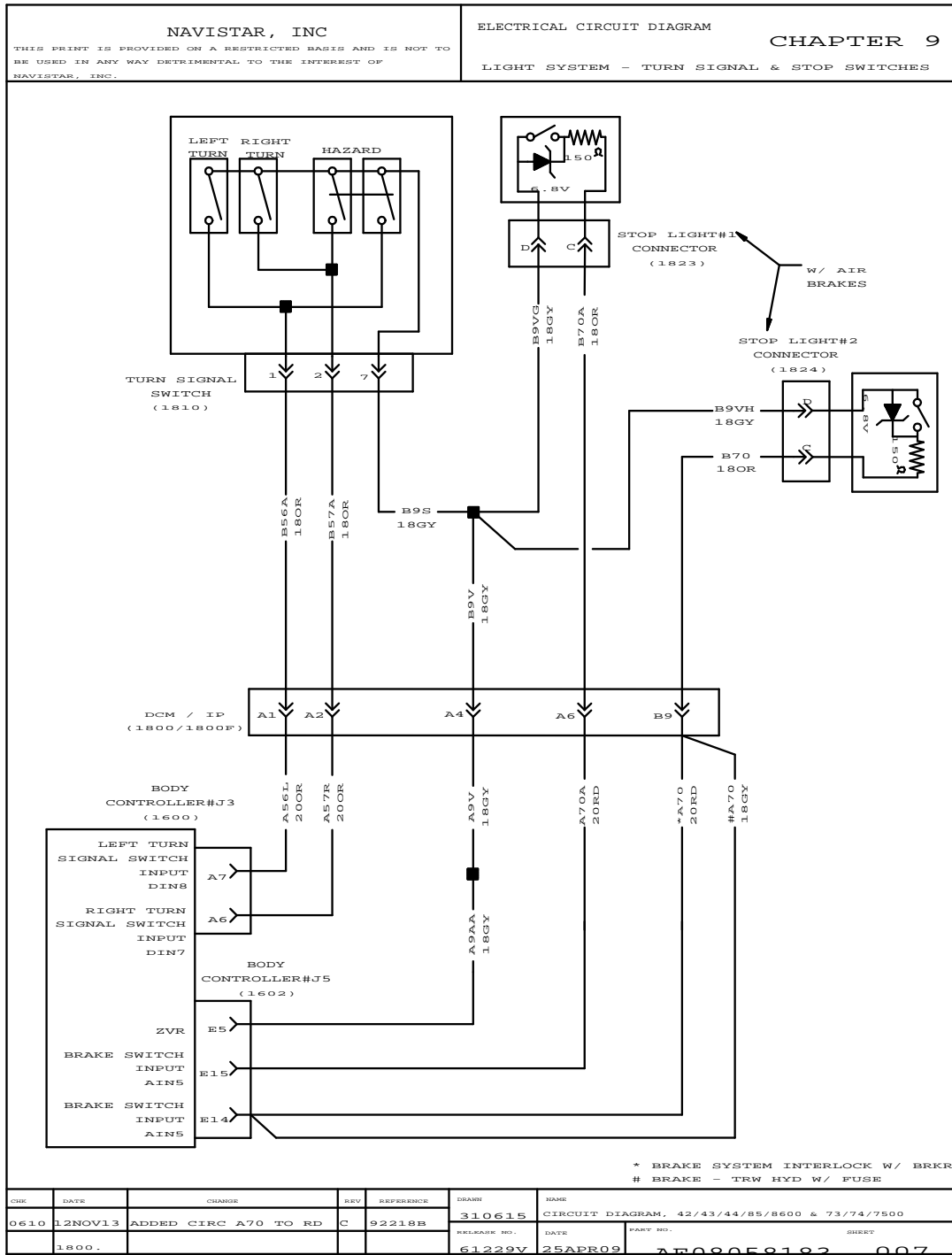


Figure 292 Light Systems – Turn Signal and Stop Switches

9.9. DOME LIGHT, MAP LIGHT, P. 8

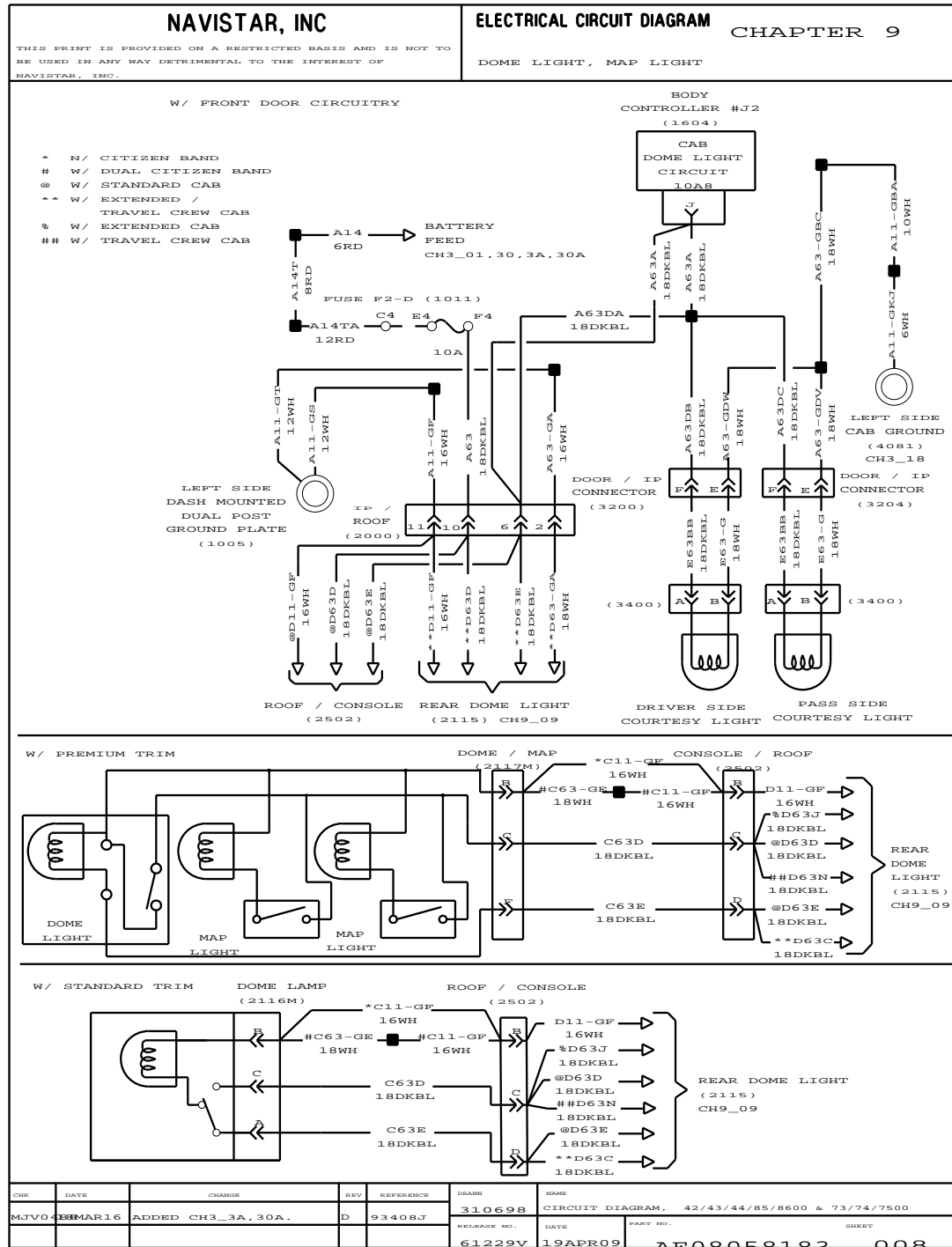


Figure 293 Dome Light, Map Light

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

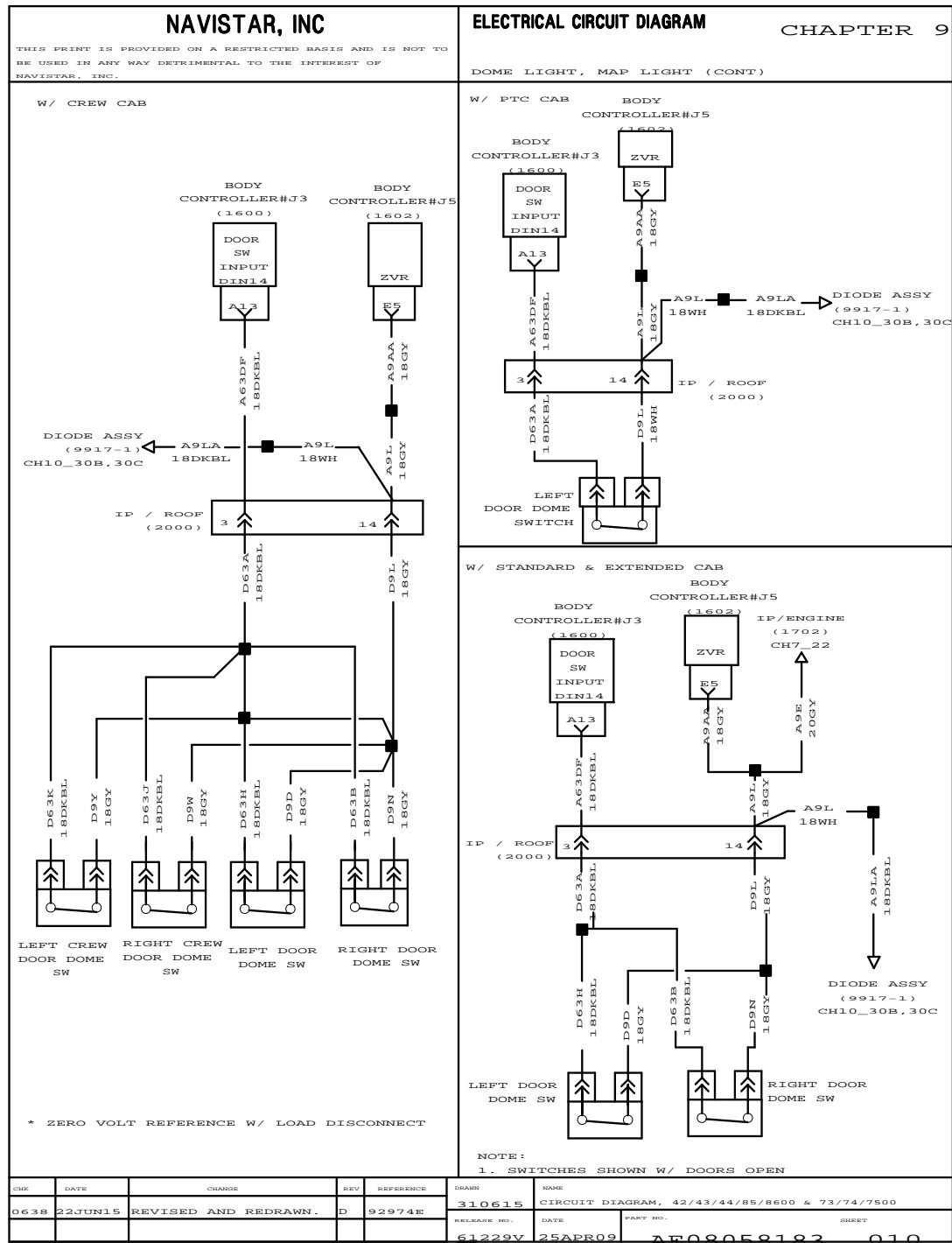


Figure 295 Dome Light, Map Light (Cont.)

9.13. HEADLIGHTS, P. 12

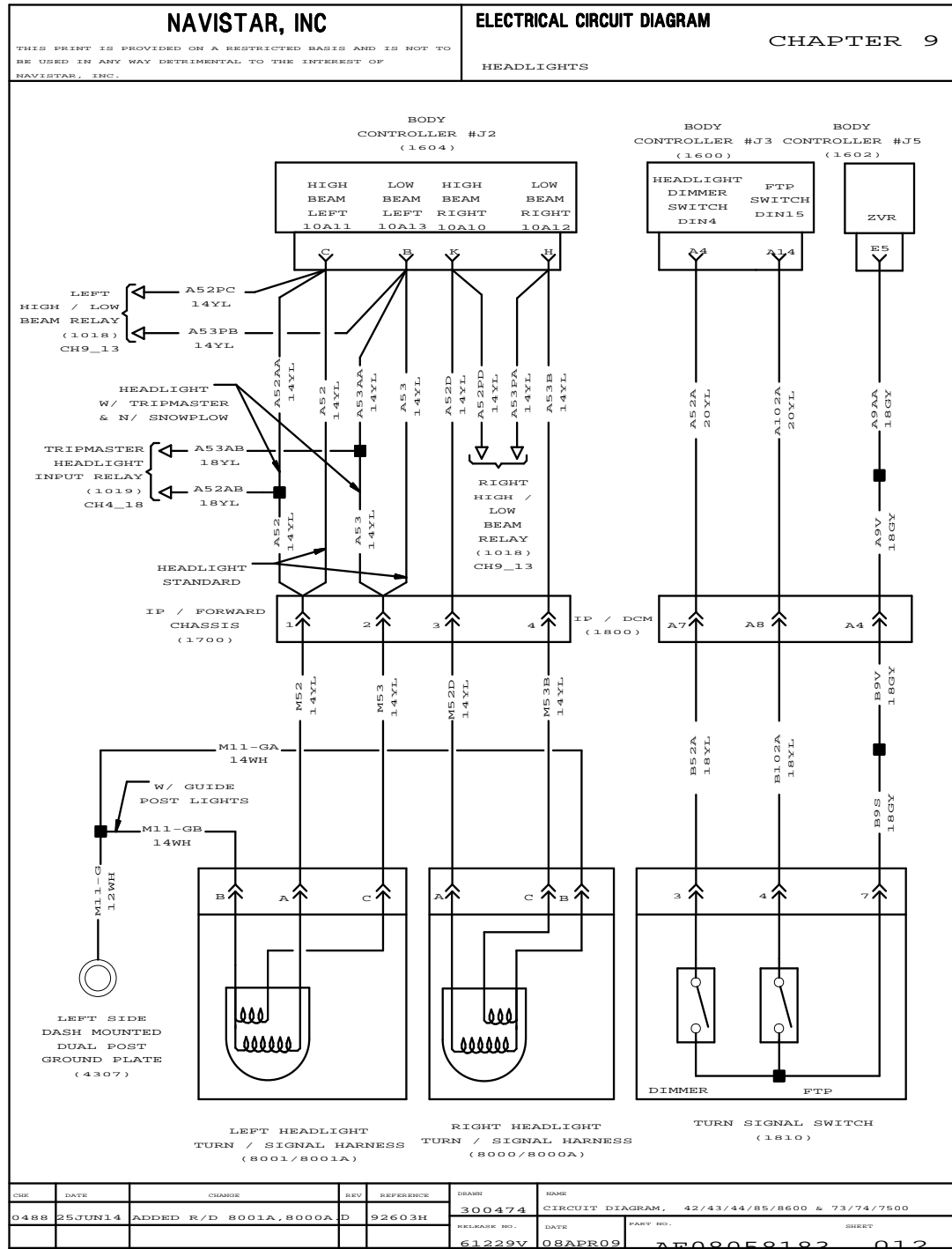


Figure 297 Headlights

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

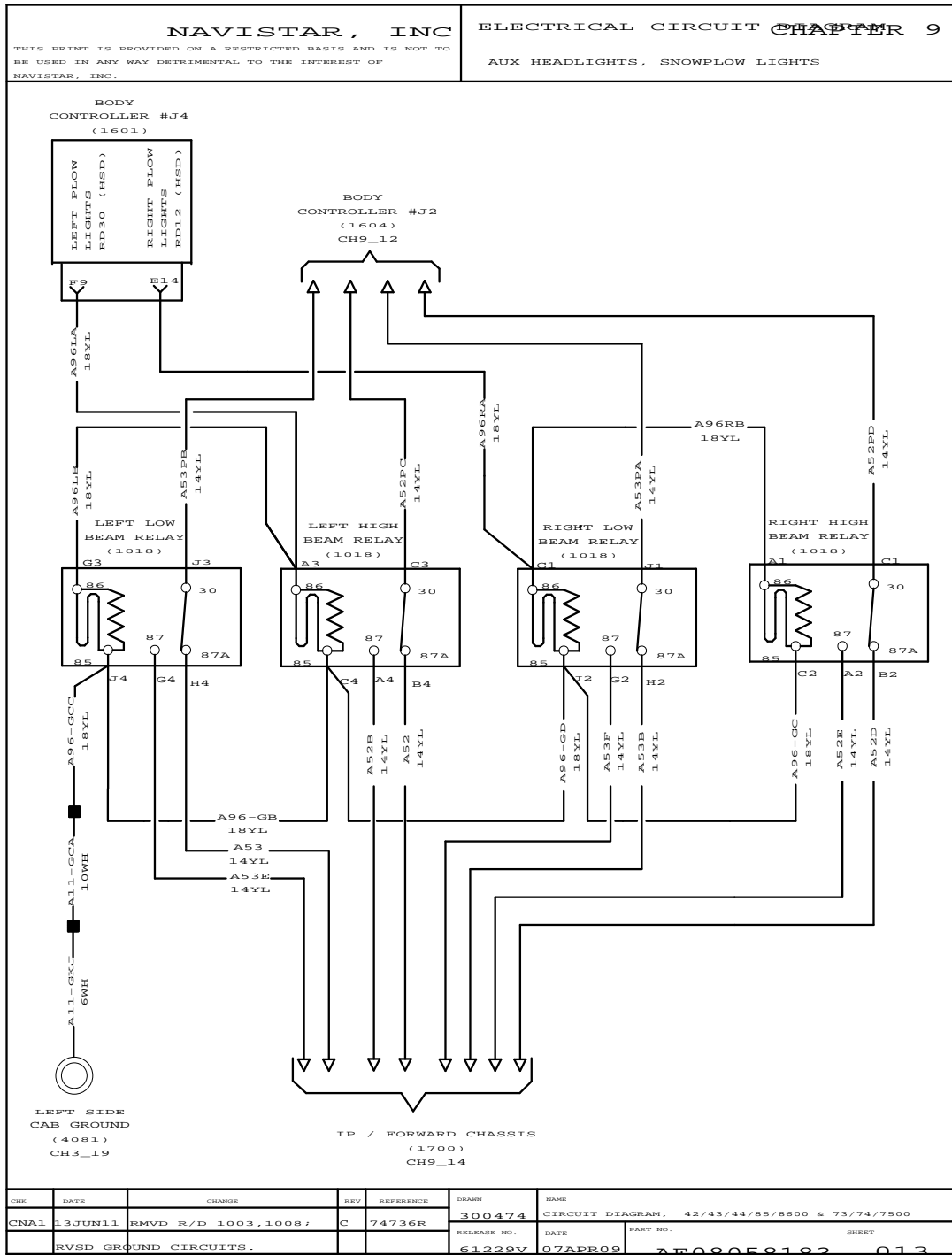


Figure 298 Auxiliary Headlights, Snow Plow Lights

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

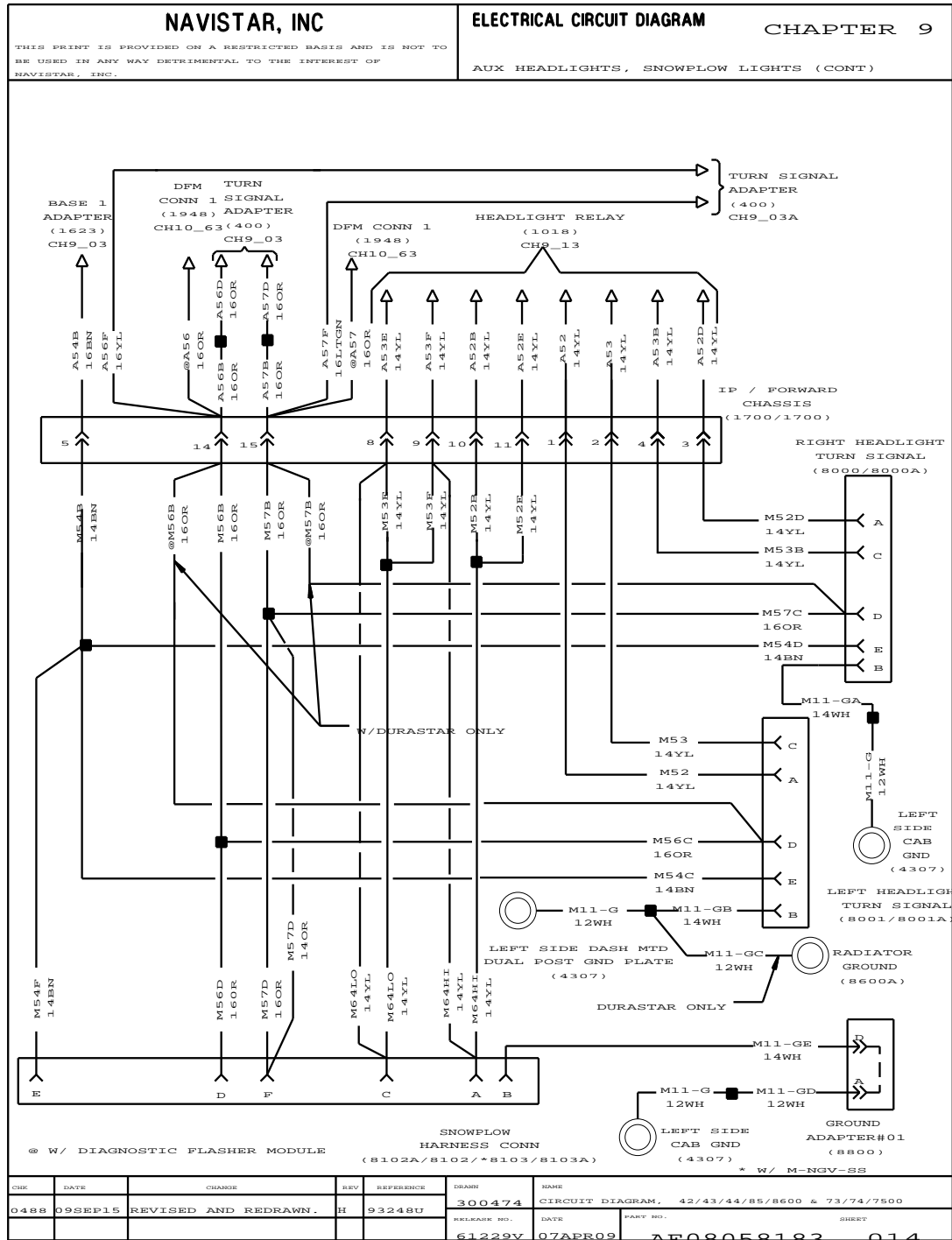


Figure 299 Auxiliary Headlights, Snow Plow Lights (Cont.)

9.17. PANEL LIGHTS, P. 15

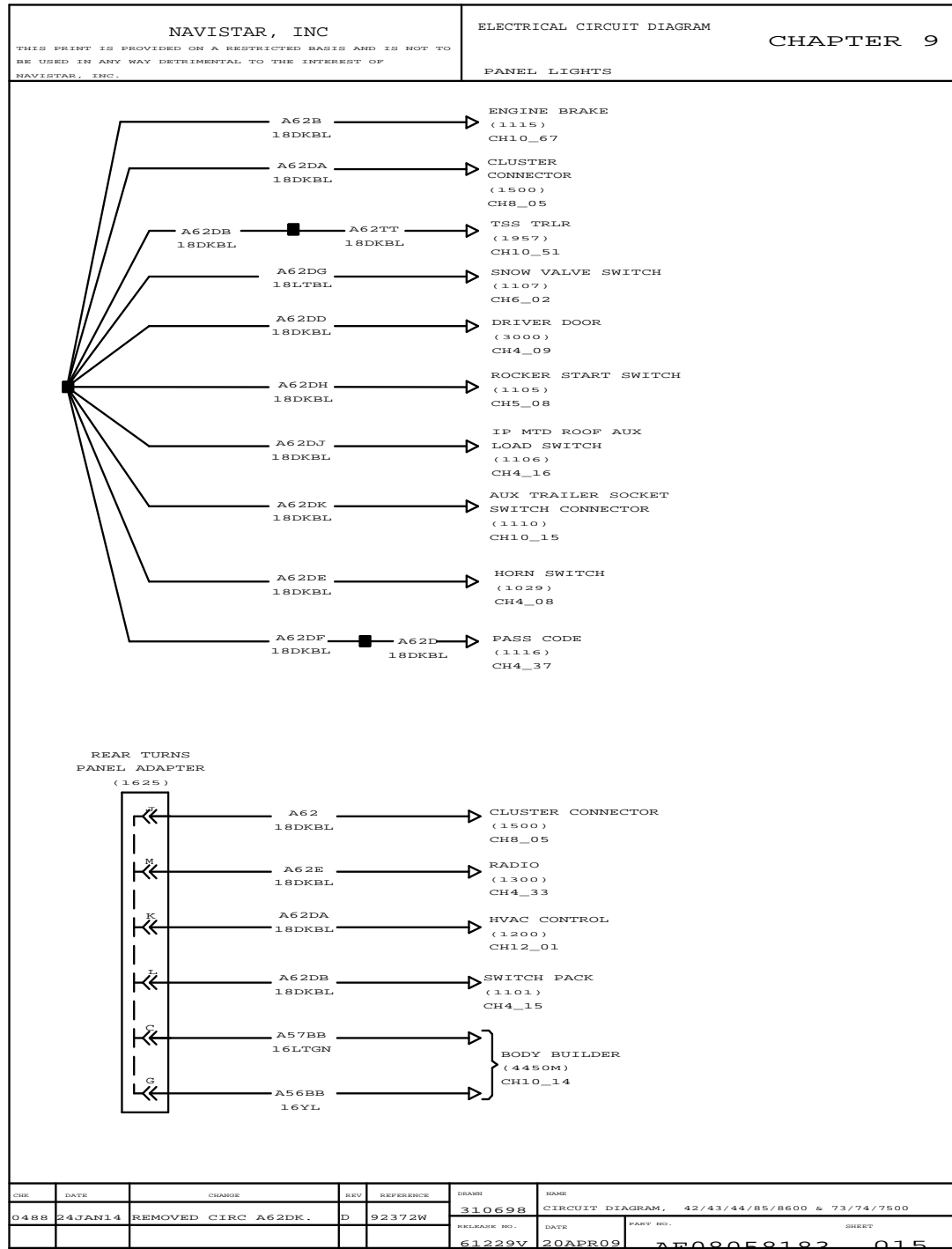


Figure 301 Panel Lights

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

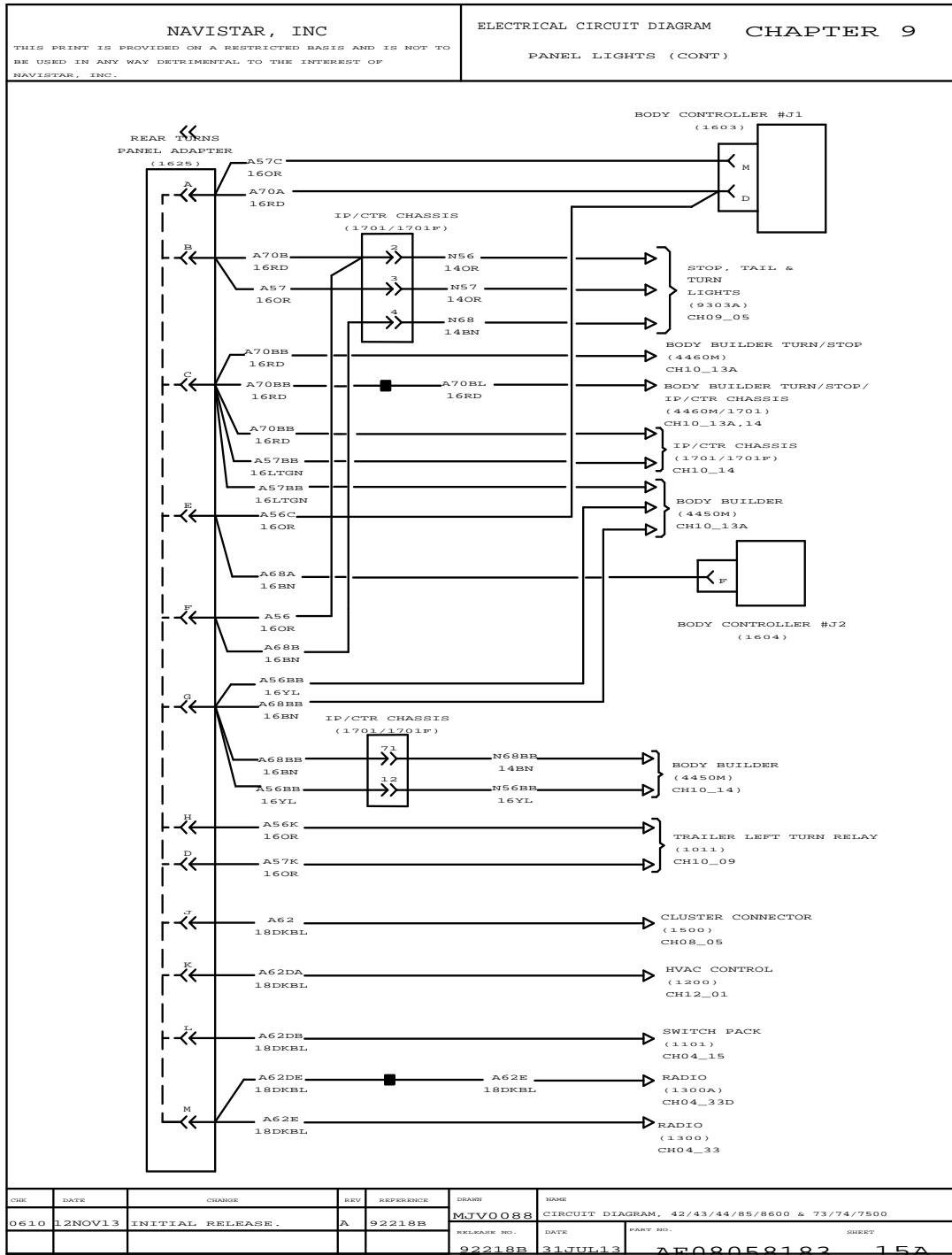


Figure 302 Panel Lights (Cont.)

9.19. LIGHT SYSTEM, WORK LIGHT, P. 16

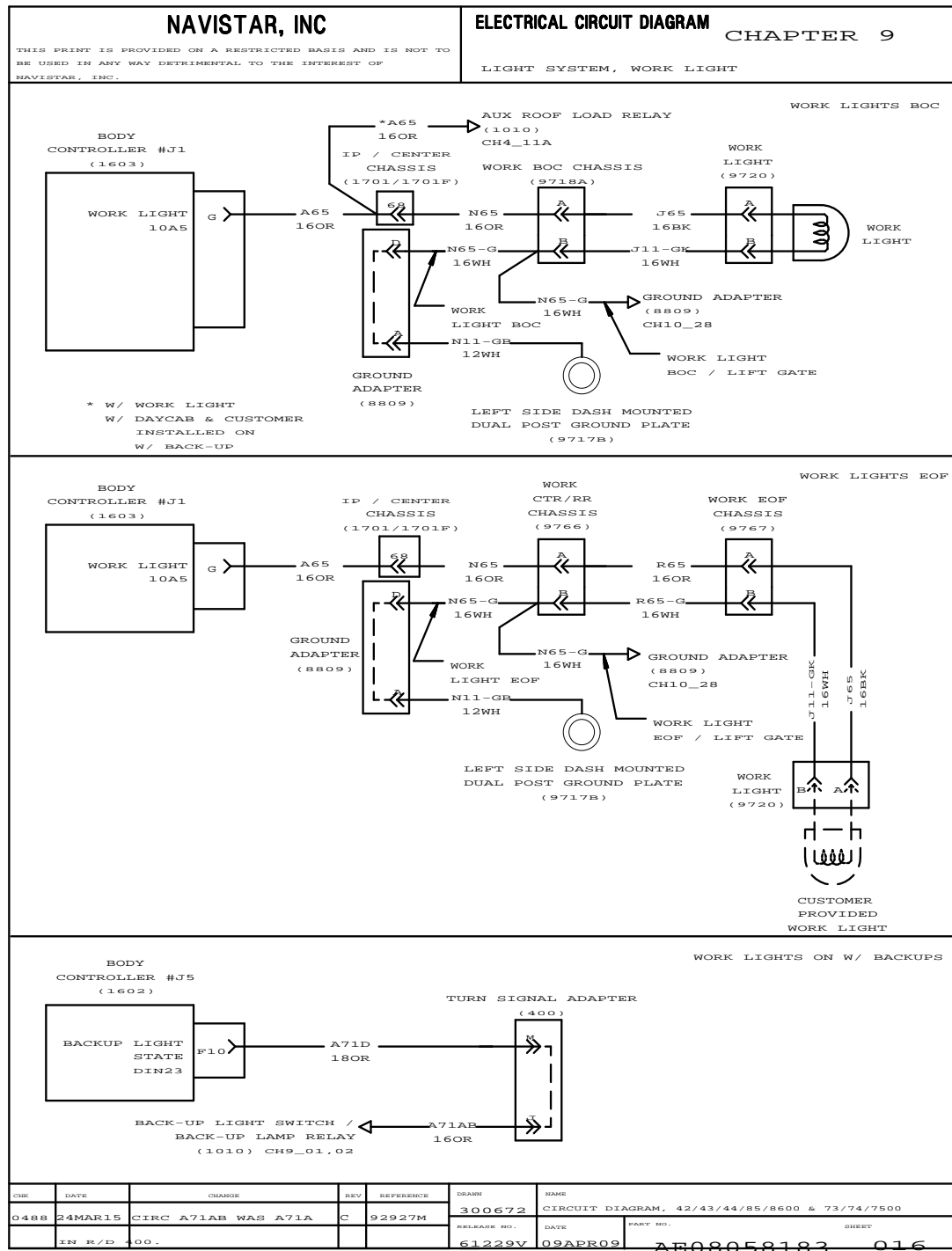


Figure 303 Light System, Work Light

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

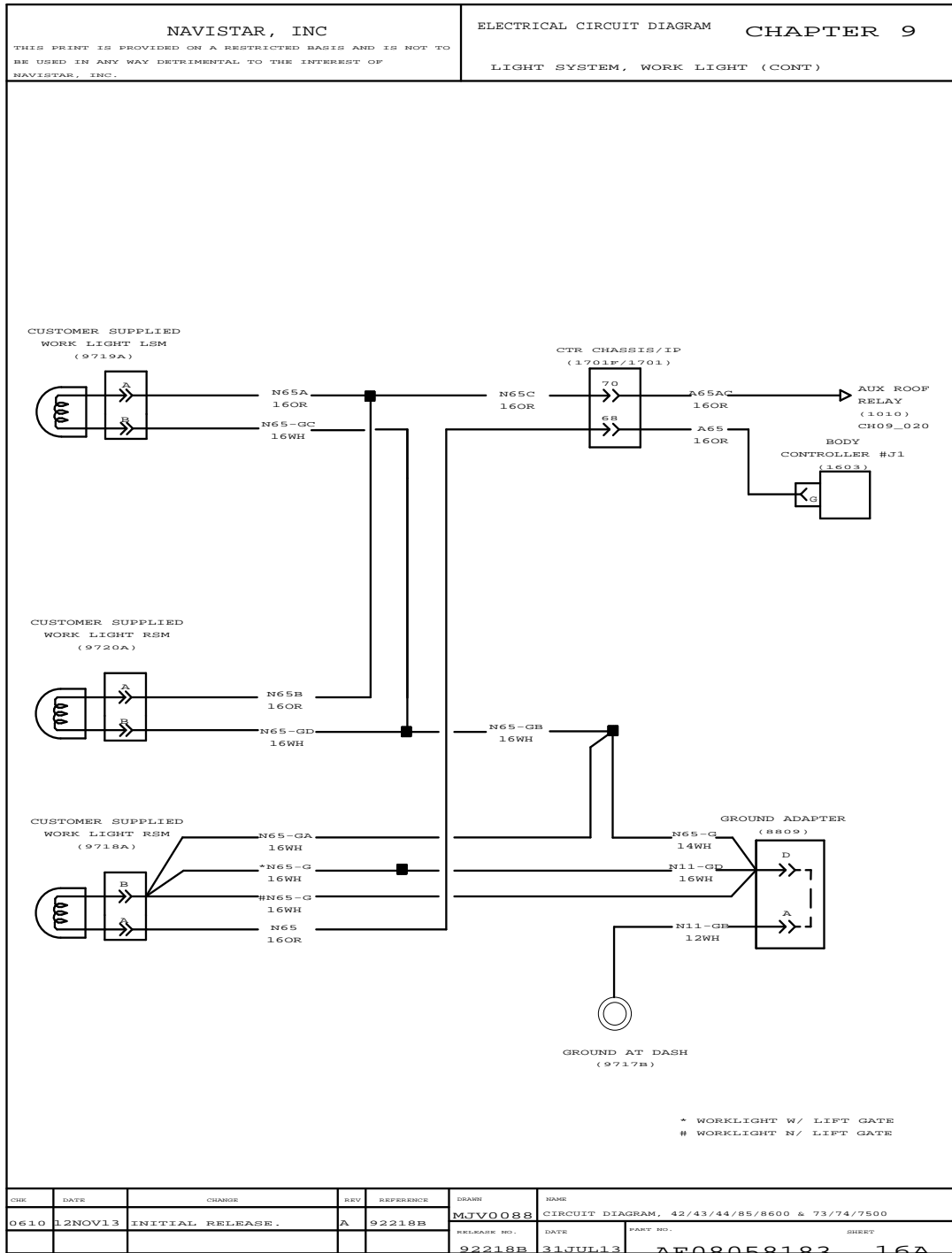


Figure 304 Light System, Work Light (Cont.)

9.21. CUSTOMER SUPPLIED WORK LIGHT WIRING, P. 17

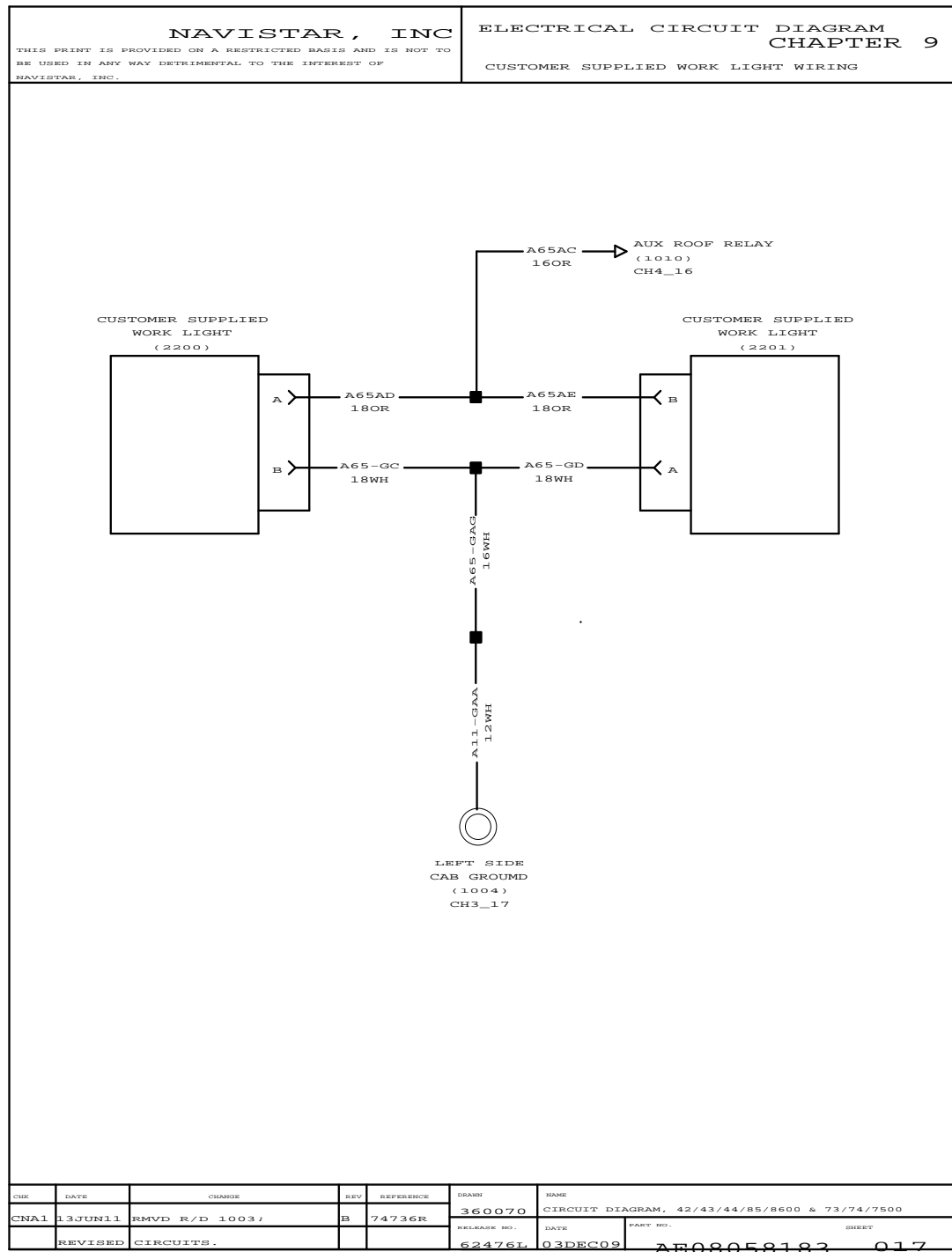


Figure 305 Customer Supplied Work Light Wiring

9.23. LIGHT SYSTEM – CLEARANCE, MARKER, PARK TAIL, TURN AND STOP LIGHTS (CONT.), P. 19

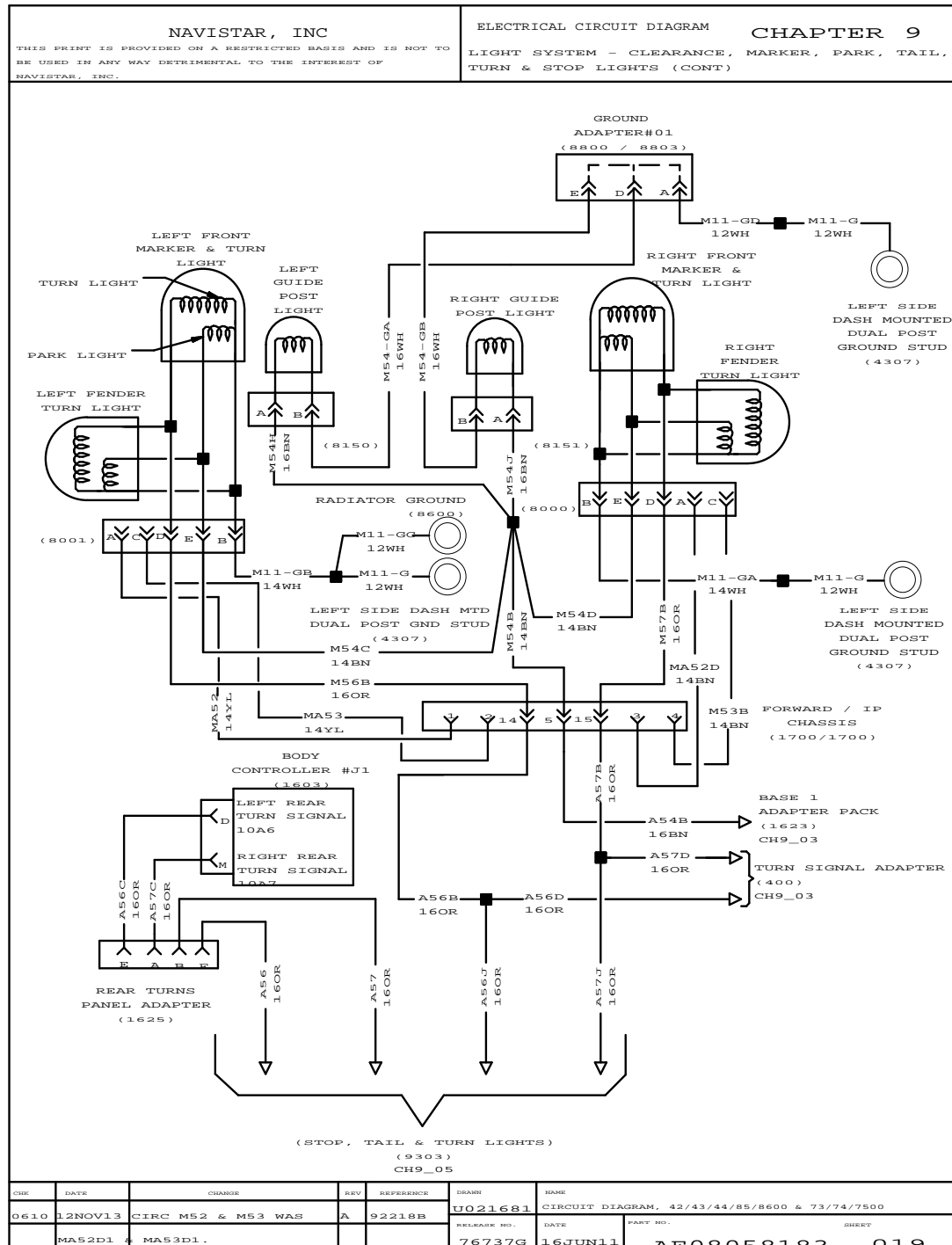


Figure 307 Light System – Clearance, Marker, Park Tail, Turn and Stop Lights (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

9.24. CUSTOMER SUPPLIED LIGHTS, P. 20

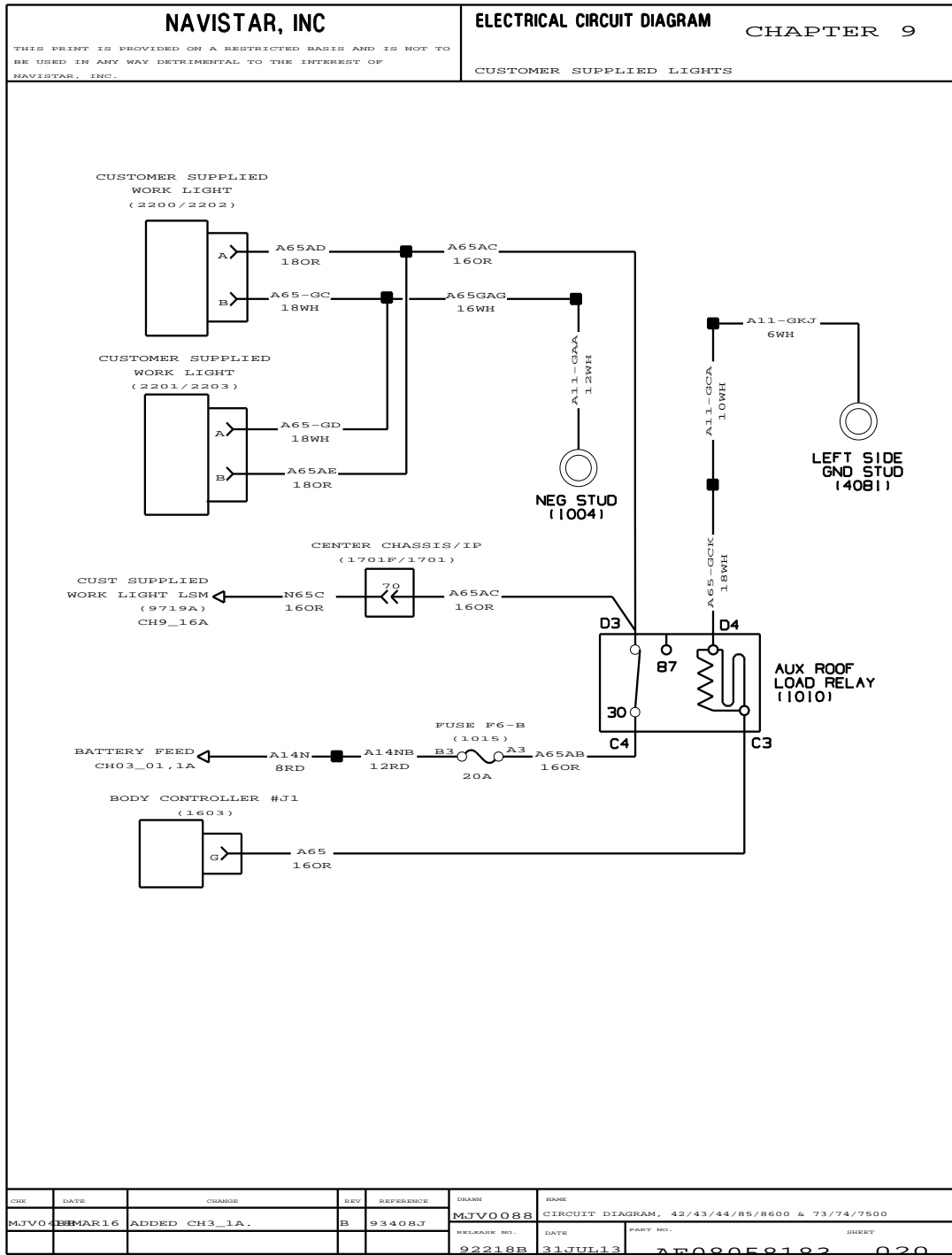


Figure 308 Customer Supplied Lights

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

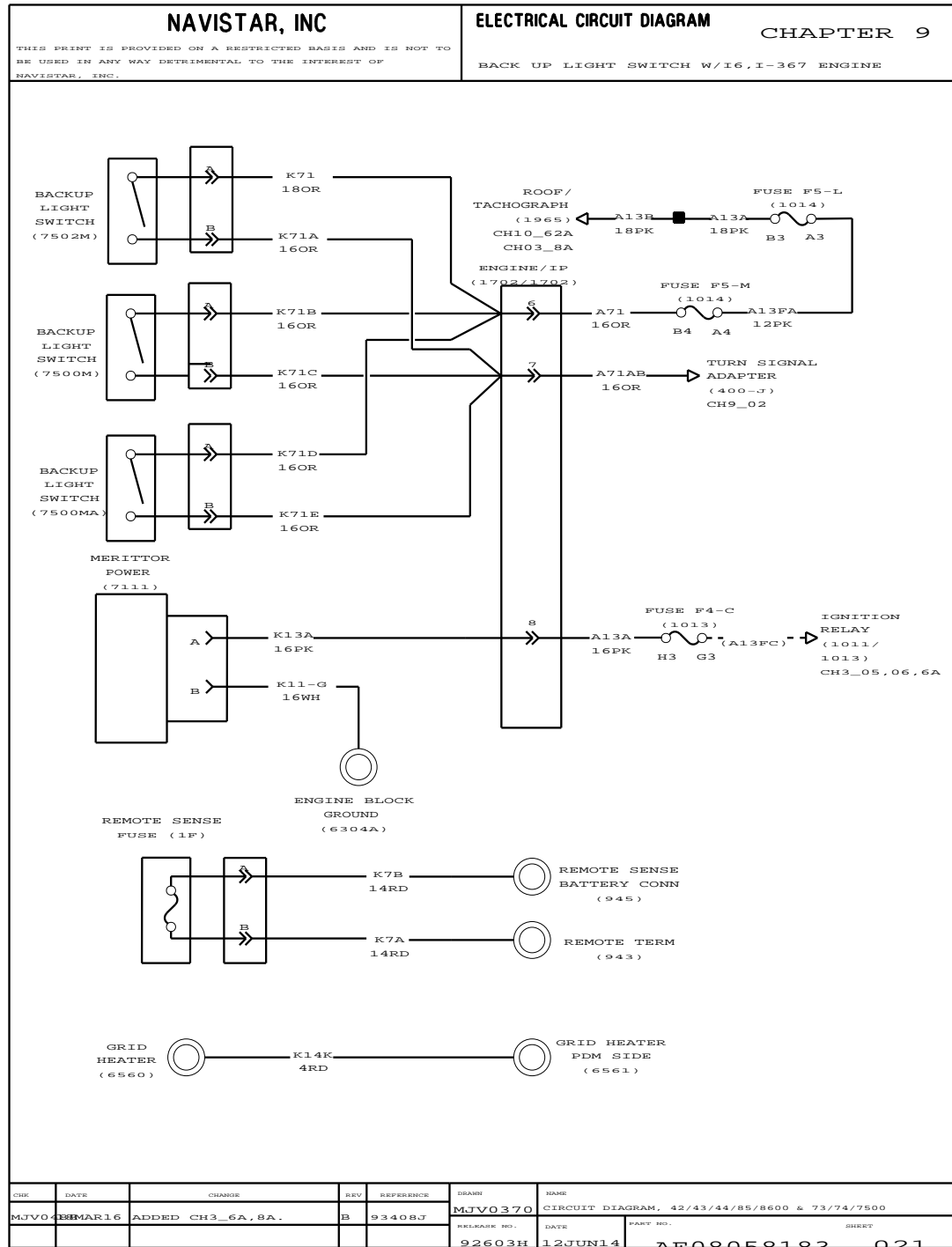


Figure 309 Back Up Light Switch with I6, I-367 Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

CHASSIS ACCESSORIES (CHAPTER 10)

10.1. ABS – BENDIX AIR, P. 1

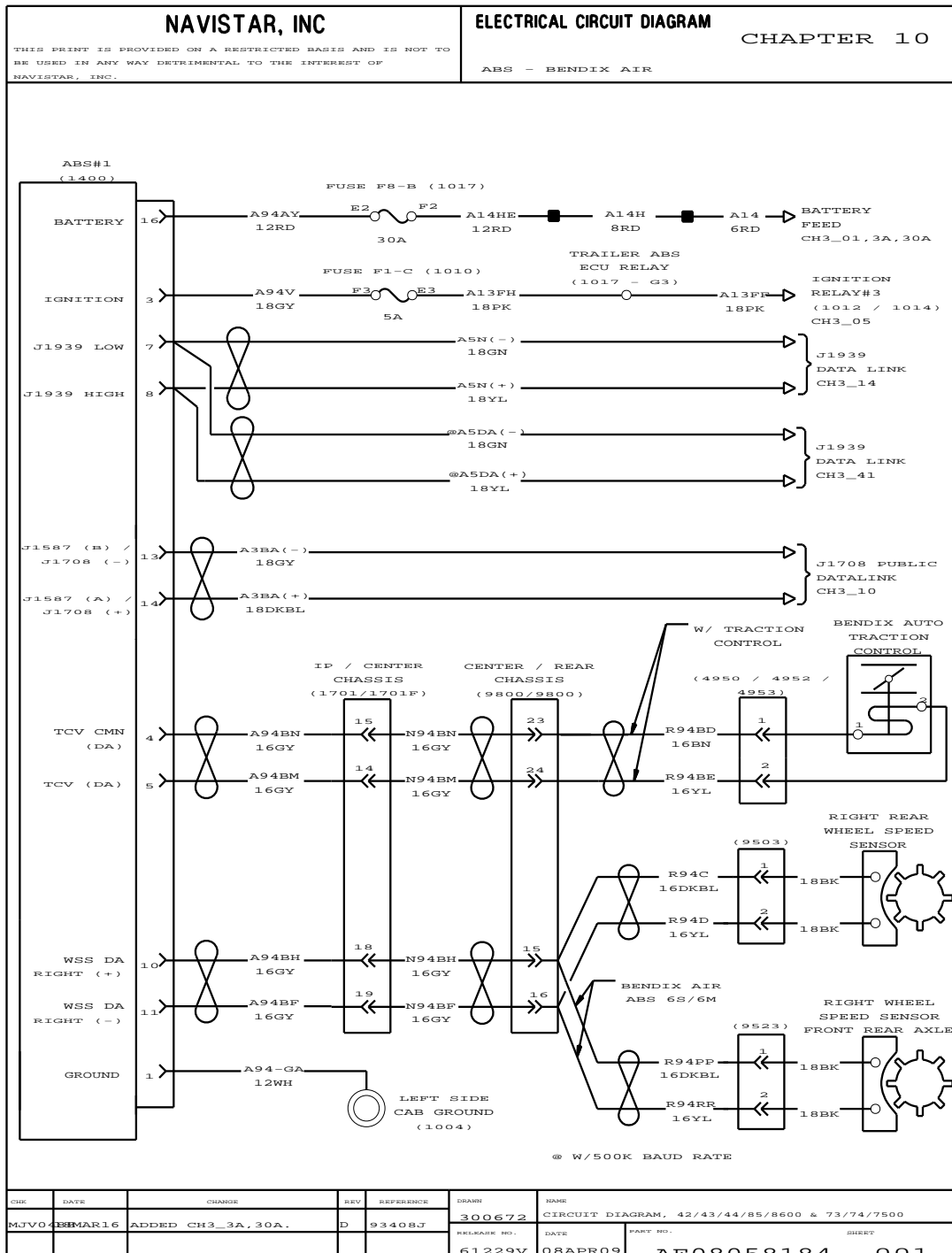


Figure 310 ABS – Bendix Air

10.2. ABS – BENDIX AIR (CONT.), P. 2

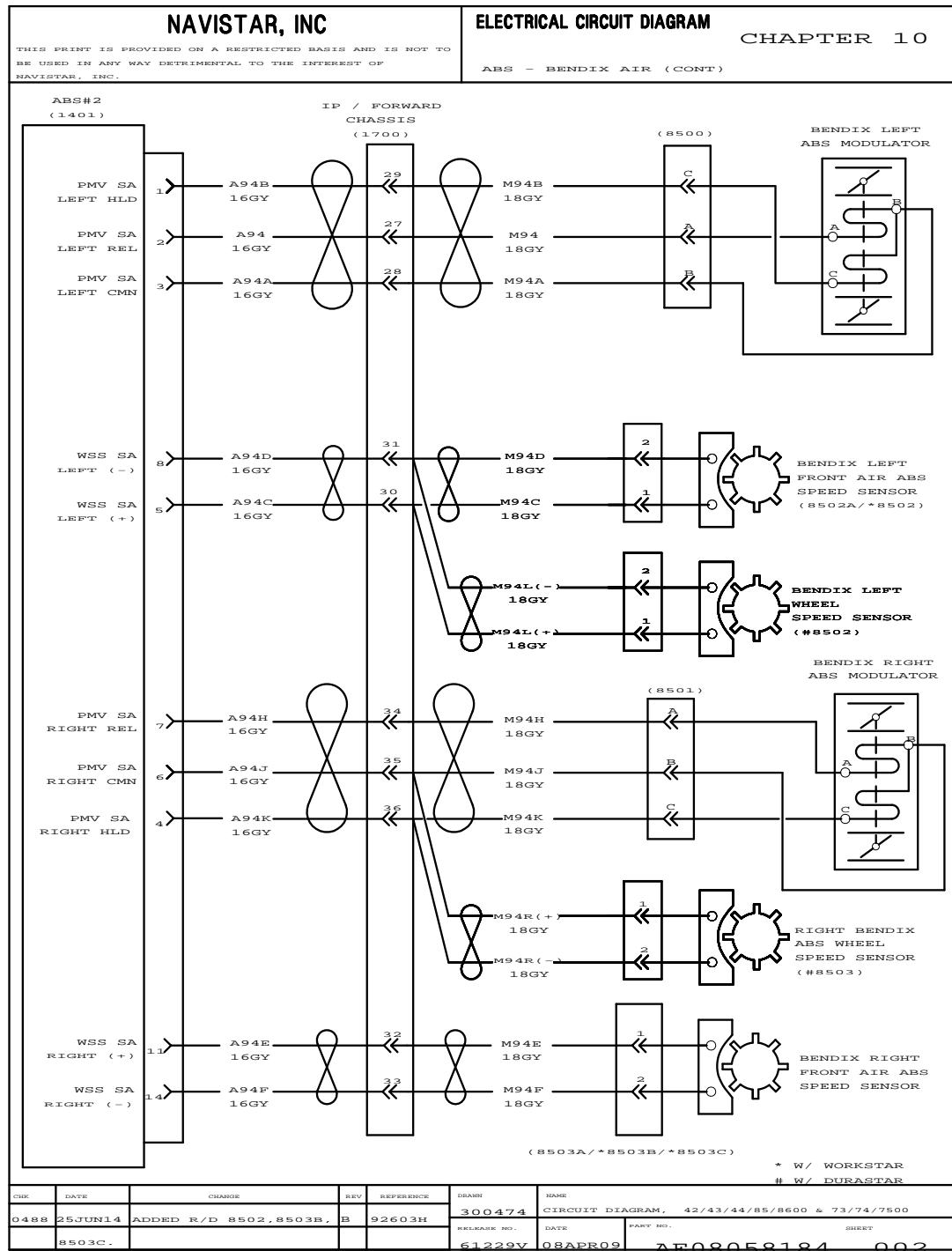


Figure 311 ABS – Bendix Air (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.3. ABS – BENDIX AIR (CONT.), P. 3

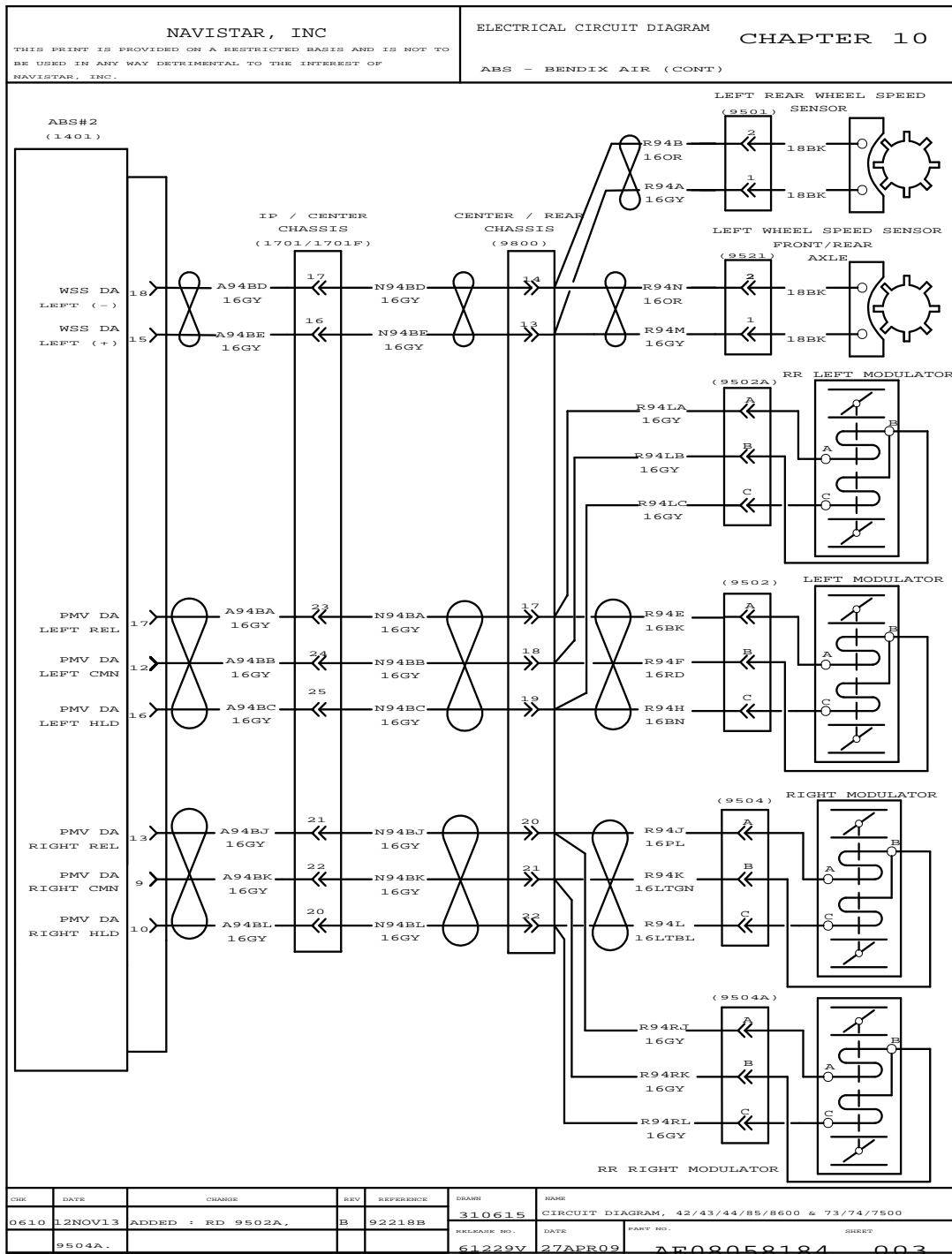


Figure 312 ABS – Bendix Air (Cont.)

10.4. ABS – BENDIX AIR (CONT.), P. 3A

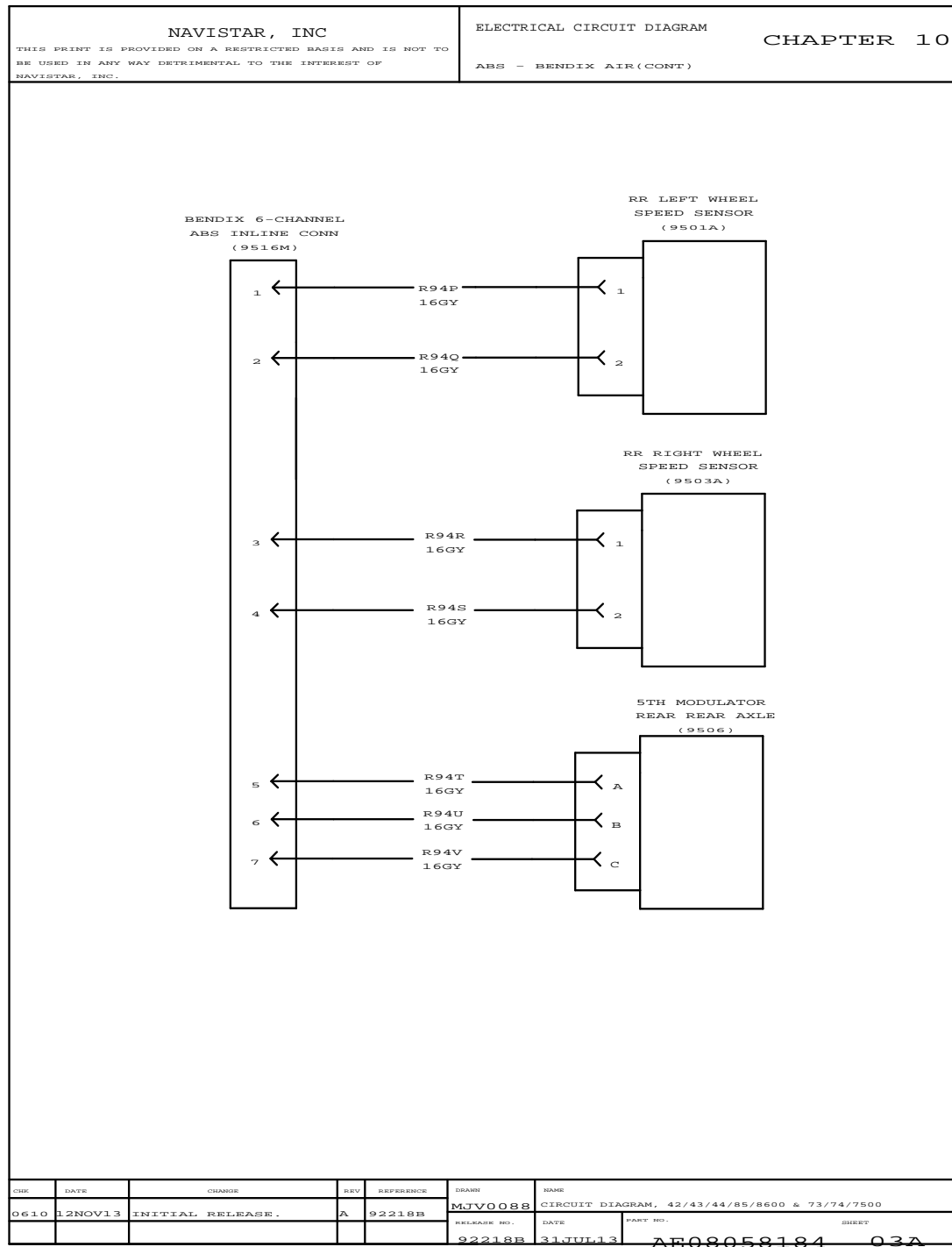


Figure 313 ABS – Bendix Air (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.5. ABS – WABCO AIR, P. 4

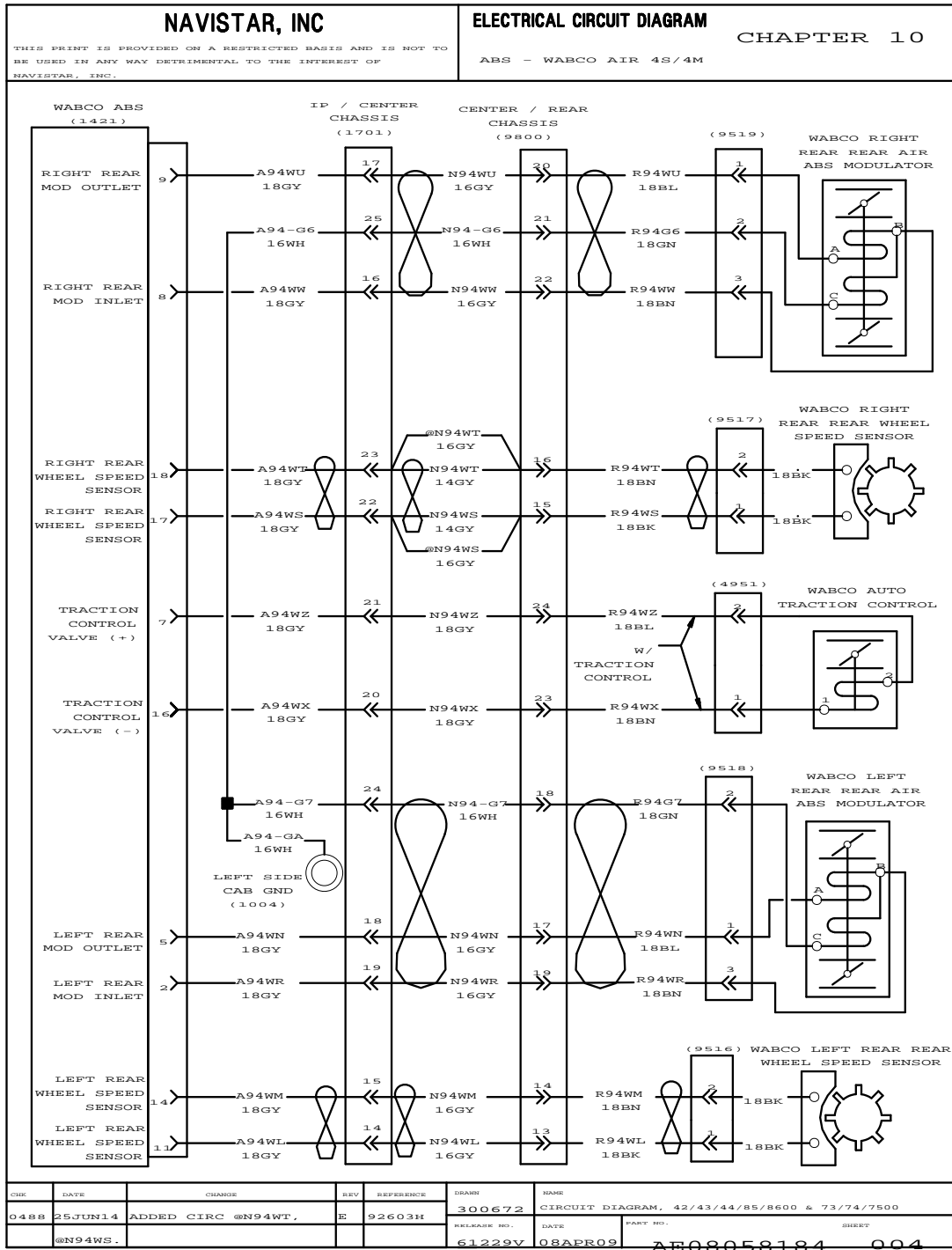


Figure 314 ABS – WABCO Air

10.6. ABS – WABCO AIR (CONT.), P. 5

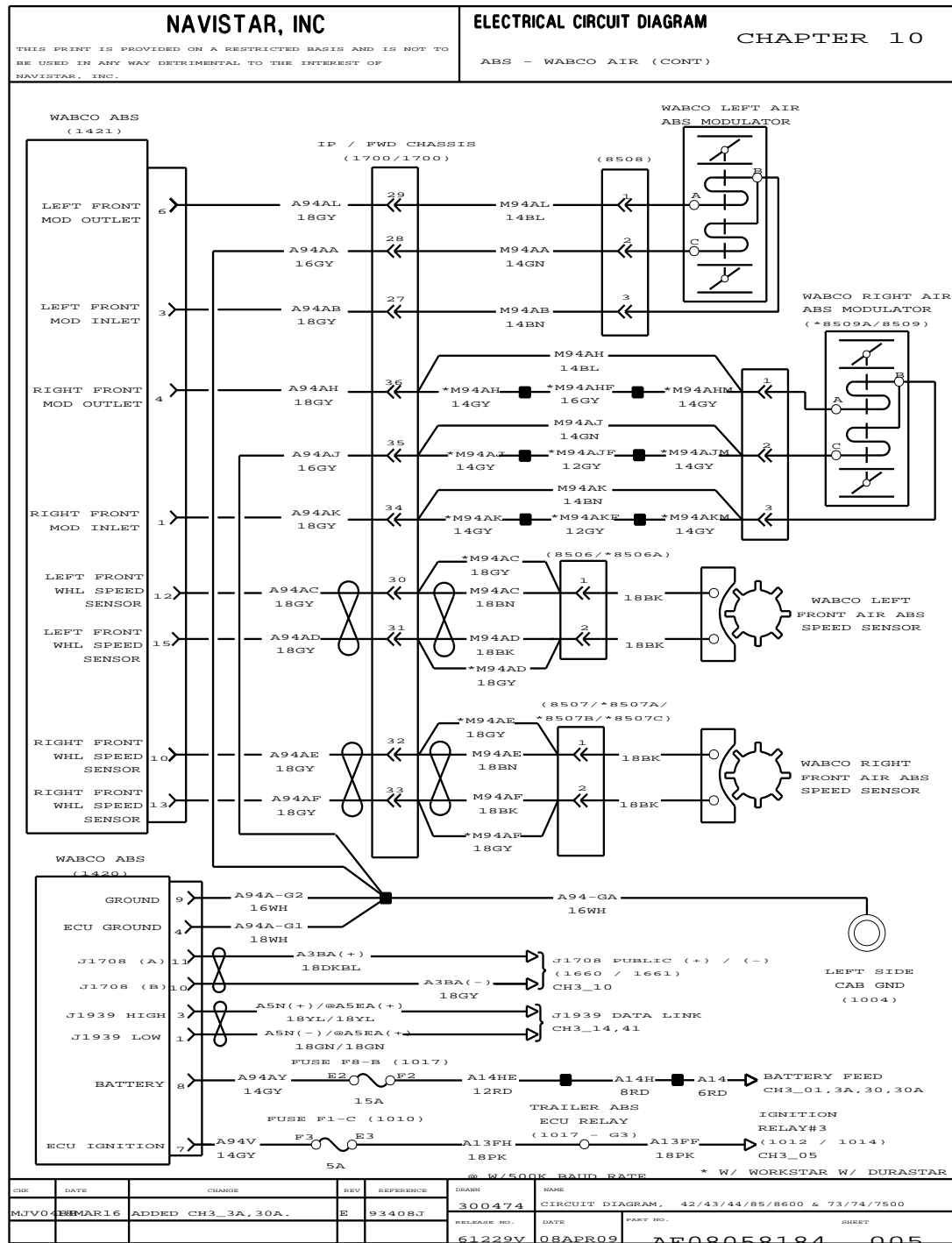


Figure 315 ABS – WABCO Air (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.7. WABCO FULL POWER BRAKES, P. 6

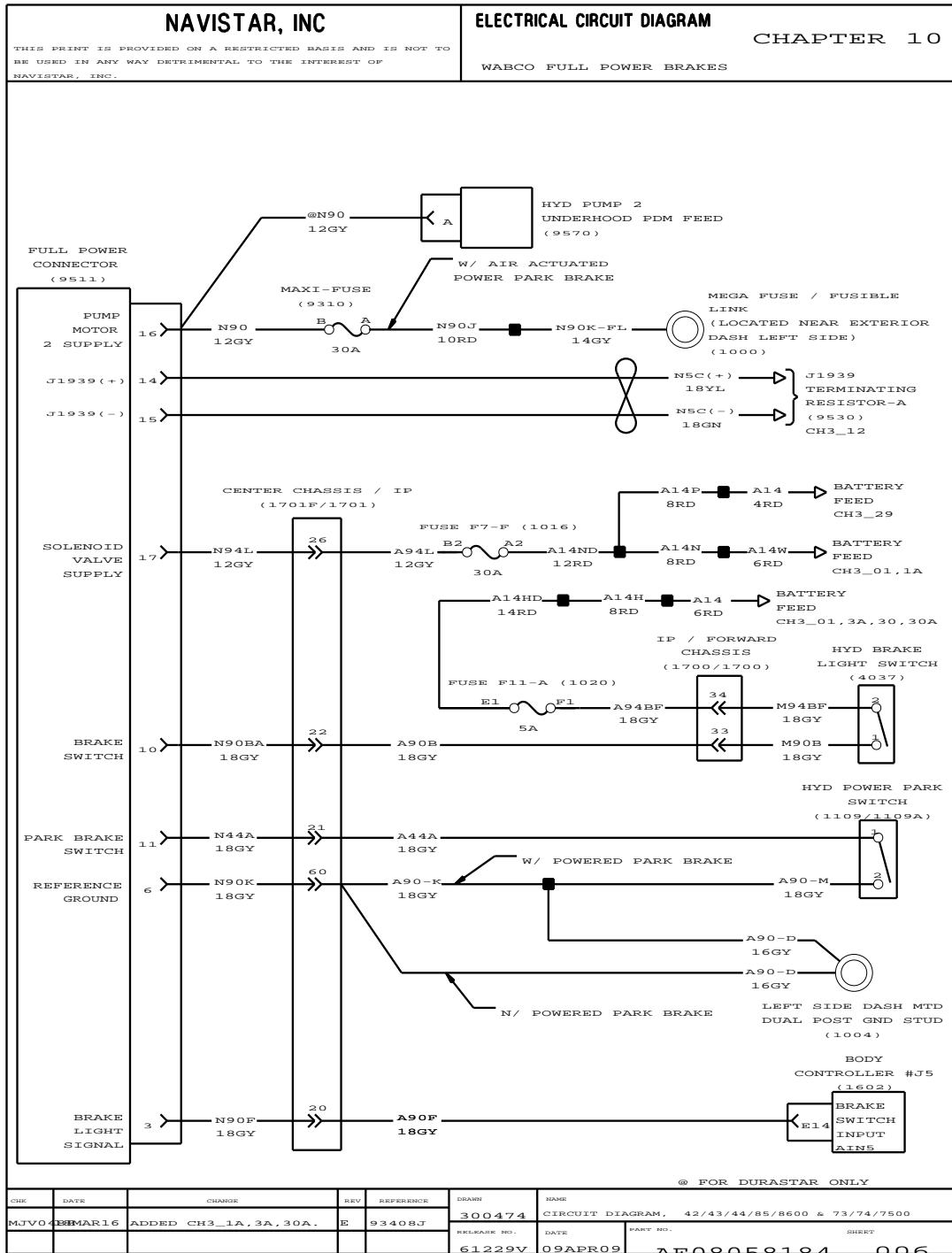


Figure 316 WABCO Full Power Brakes

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

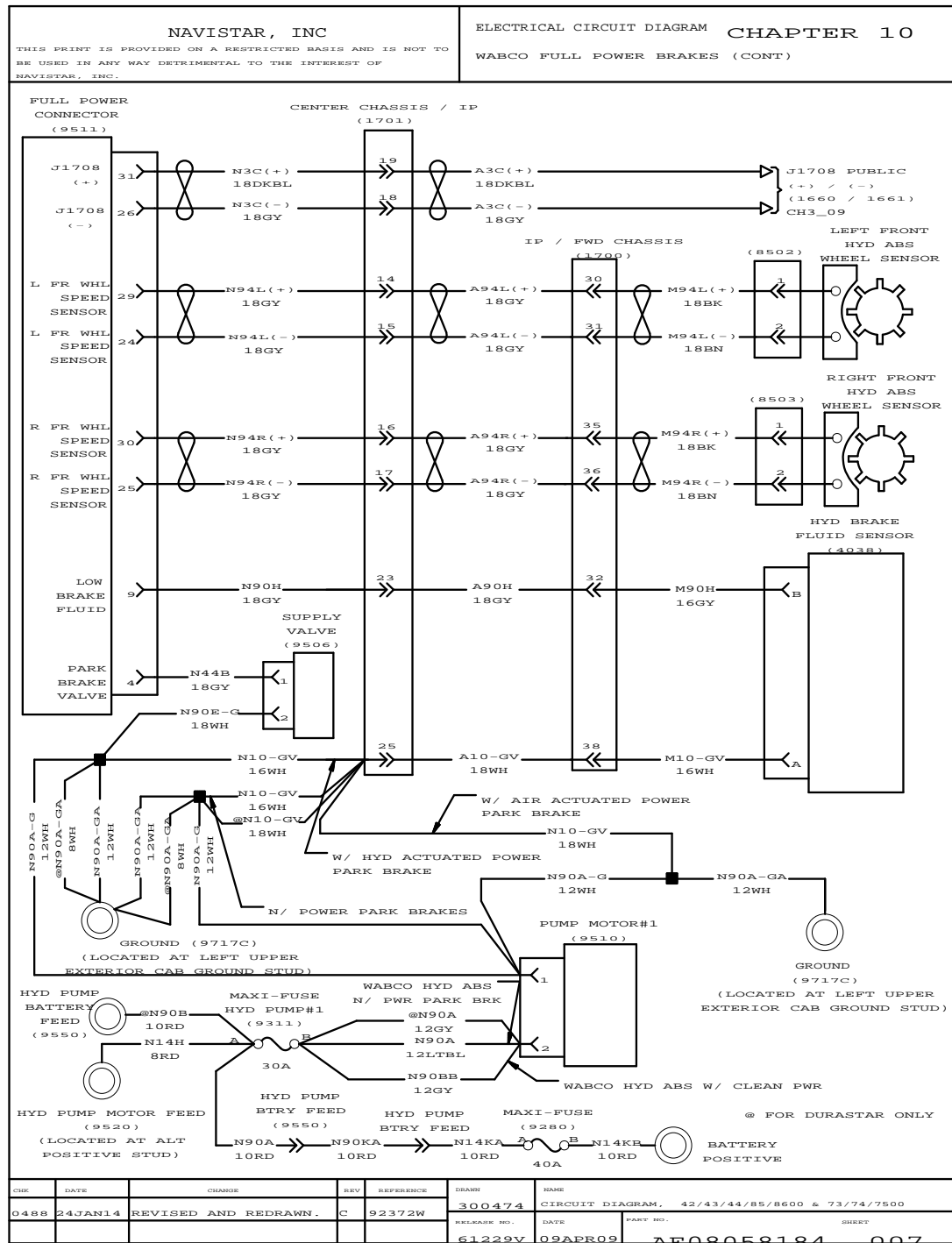


Figure 317 WABCO Full Power Brakes (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

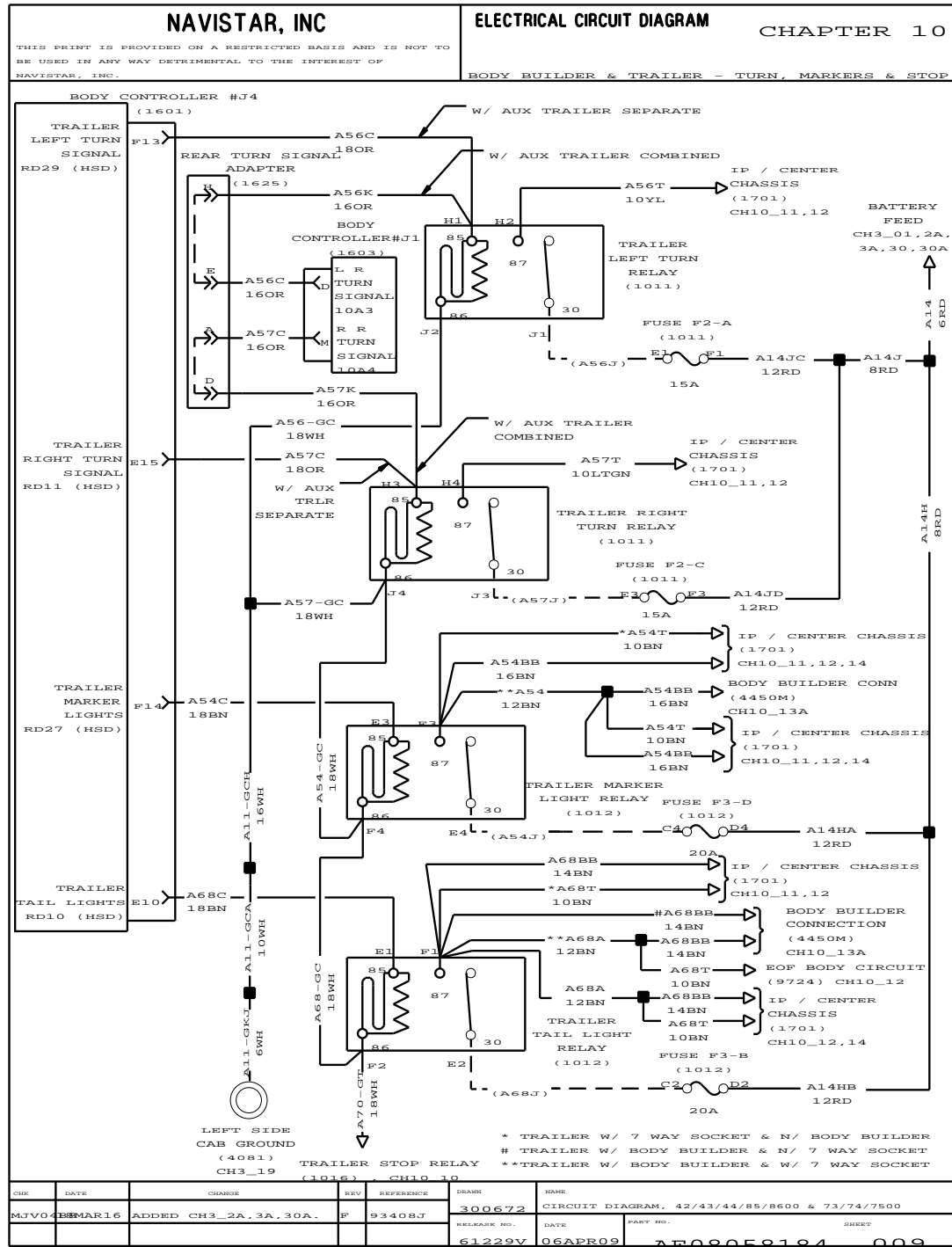


Figure 319 Body Builder and Trailer – Turn, Markers and Stop

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

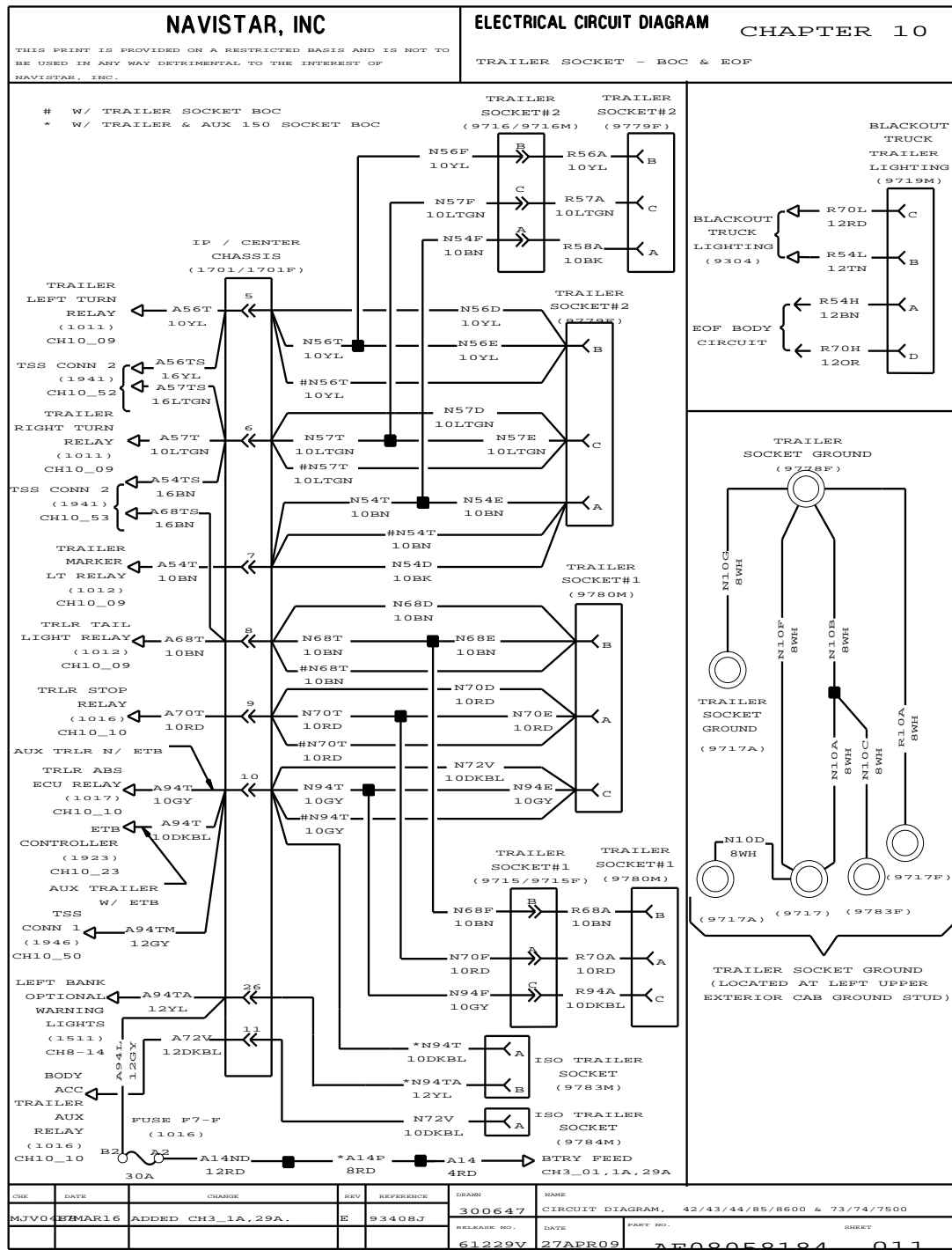


Figure 321 Trailer Socket – BOC and EOF

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

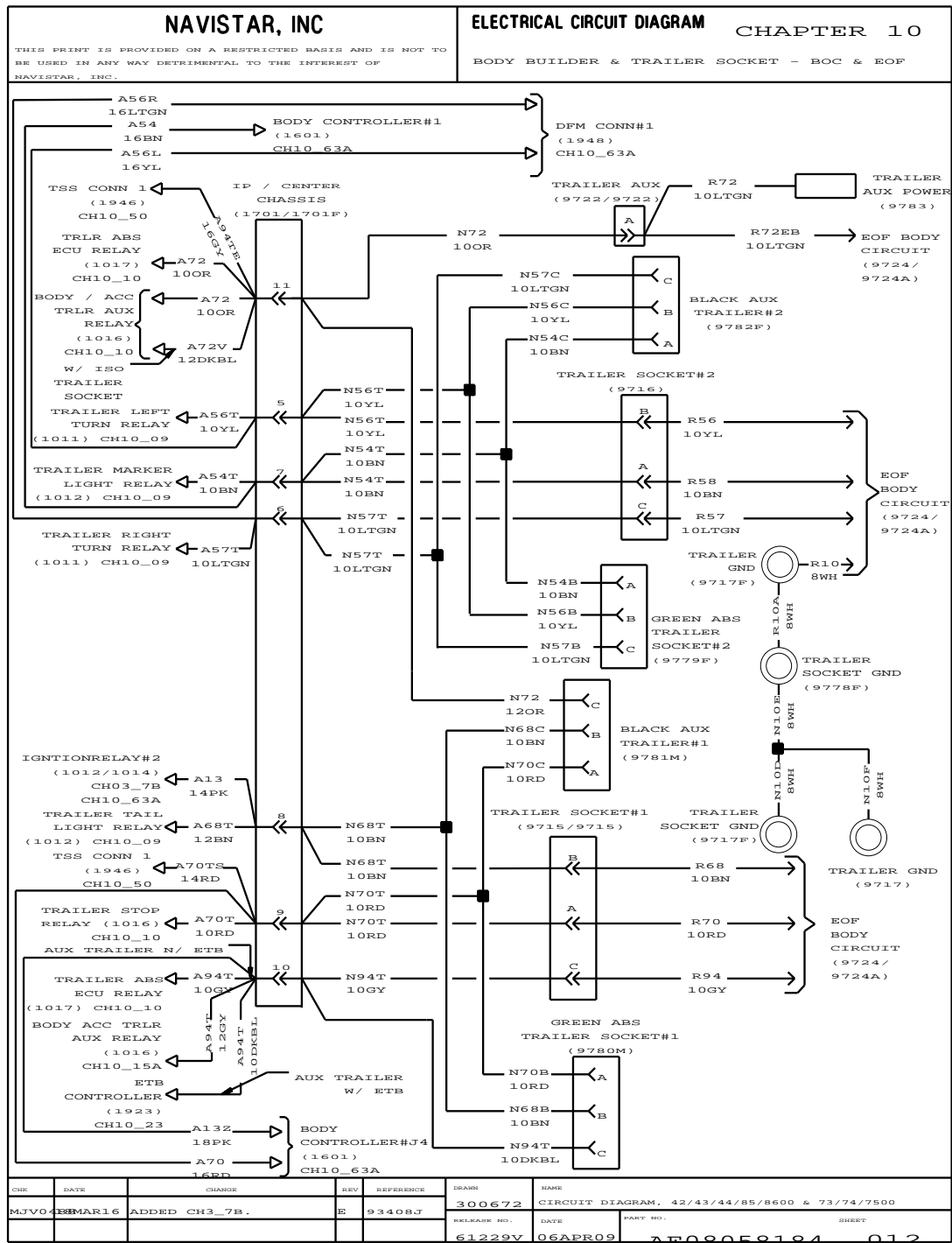


Figure 322 Body Builder and Trailer Socket – BOC and EOF

10.14. 12V TRAILER SOCKET, P. 12A

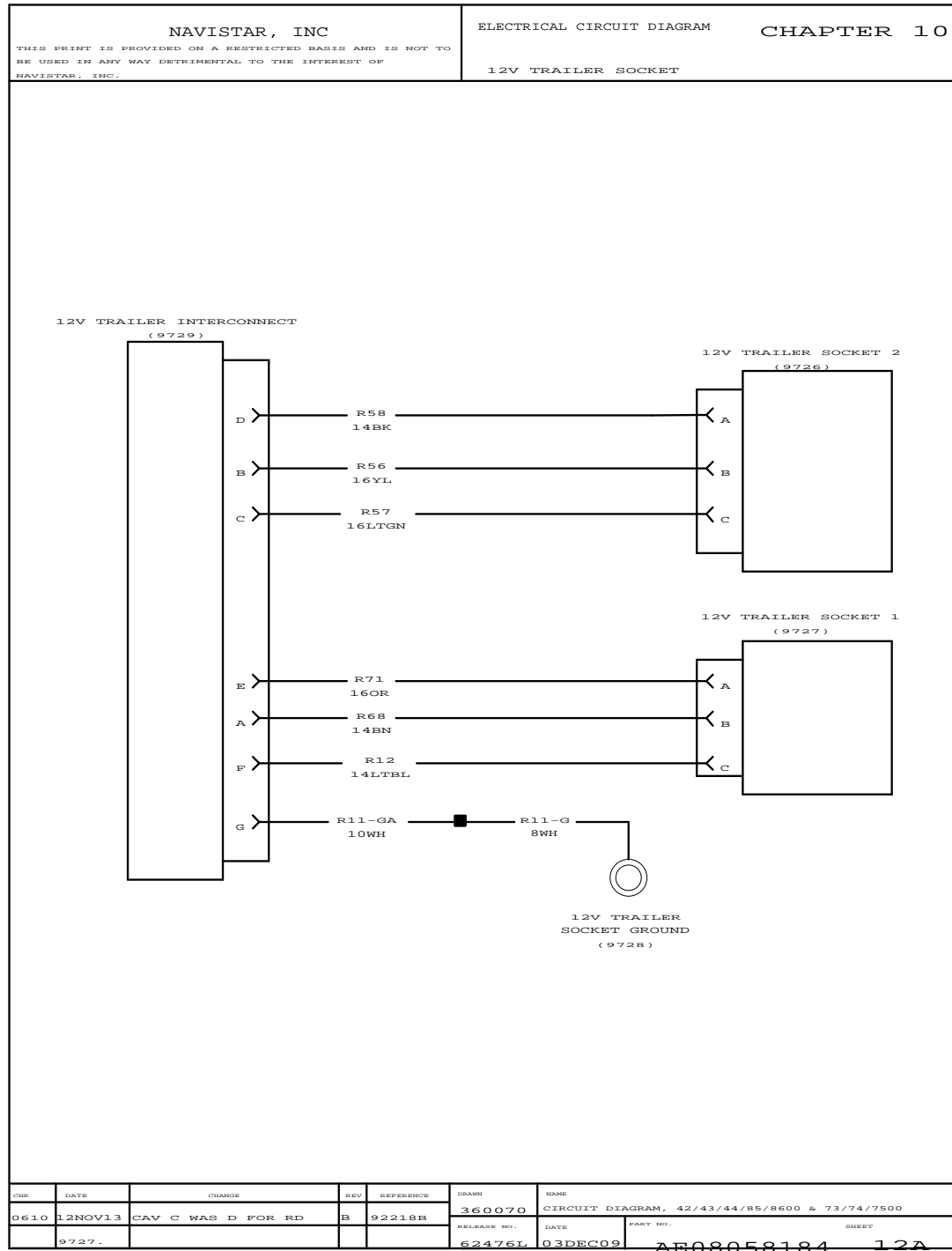


Figure 323 12V Trailer Socket

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.15. BODY BUILDER PRE-WIRING, P. 13

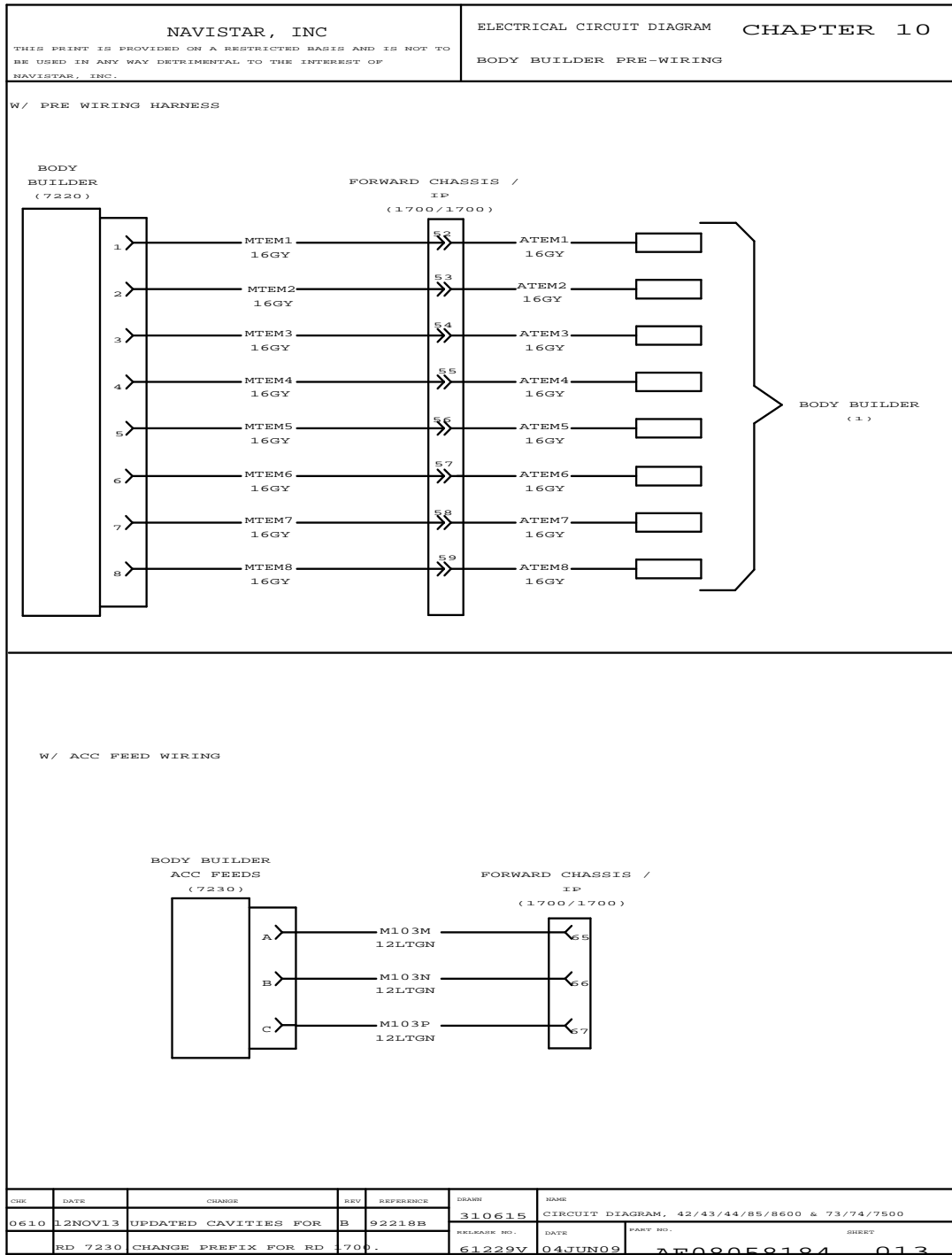


Figure 324 Body Builder Pre-Wiring

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

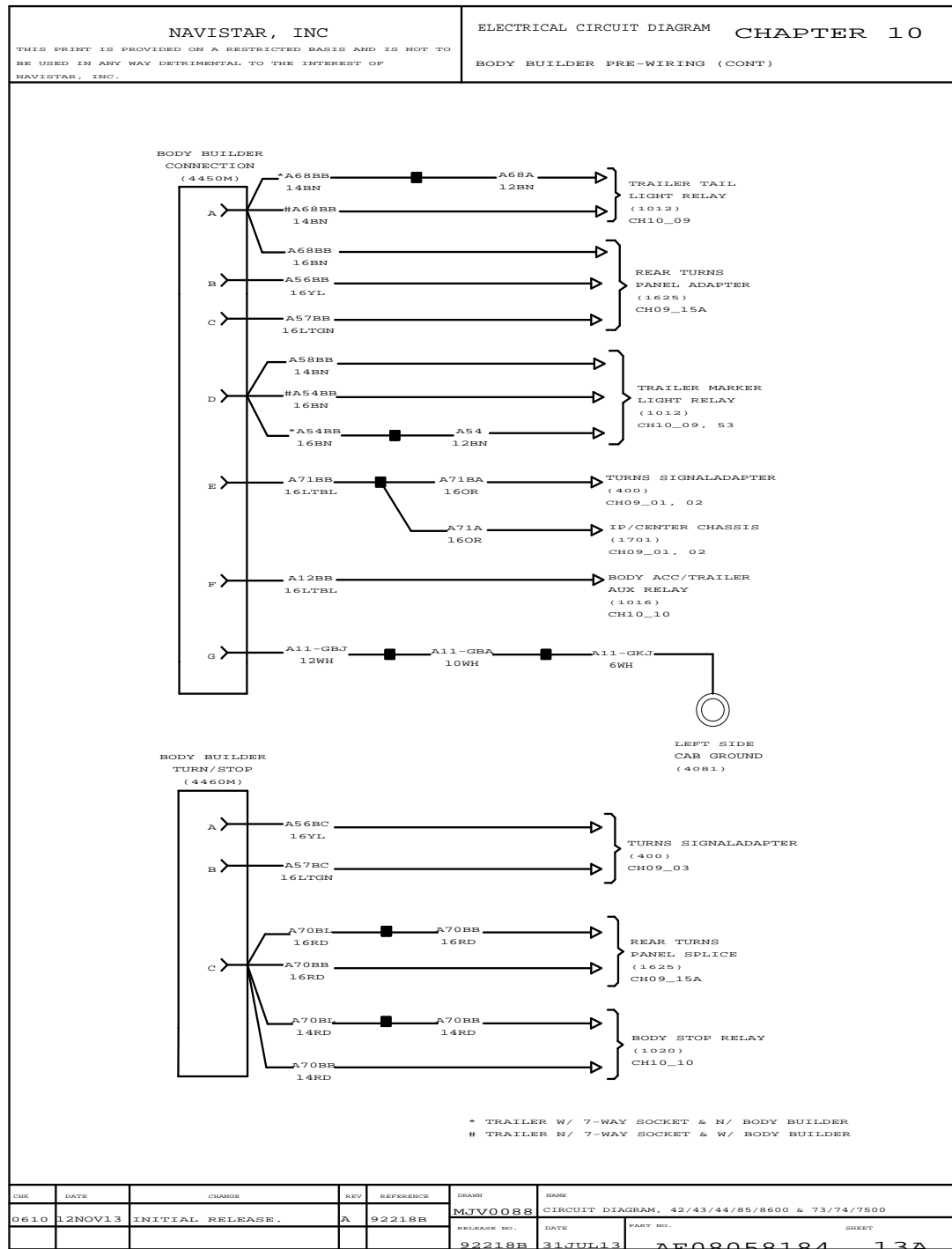


Figure 325 Body Builder Pre-Wiring (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.17. BODY BUILDER CONNECTIONS, P. 14

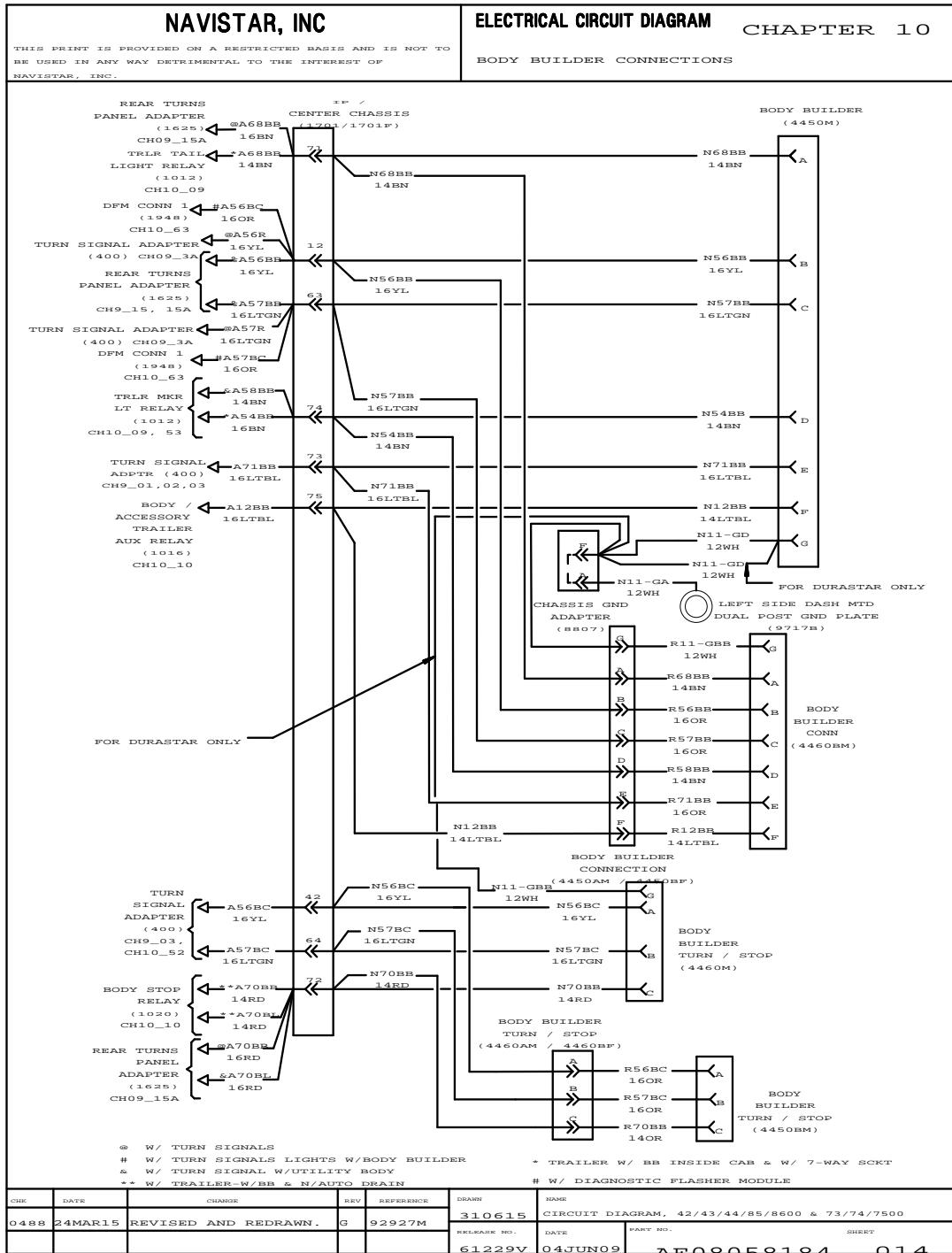


Figure 326 Body Builder Connections

10.18. UTILITY BODY CONNECTIONS, P. 14A

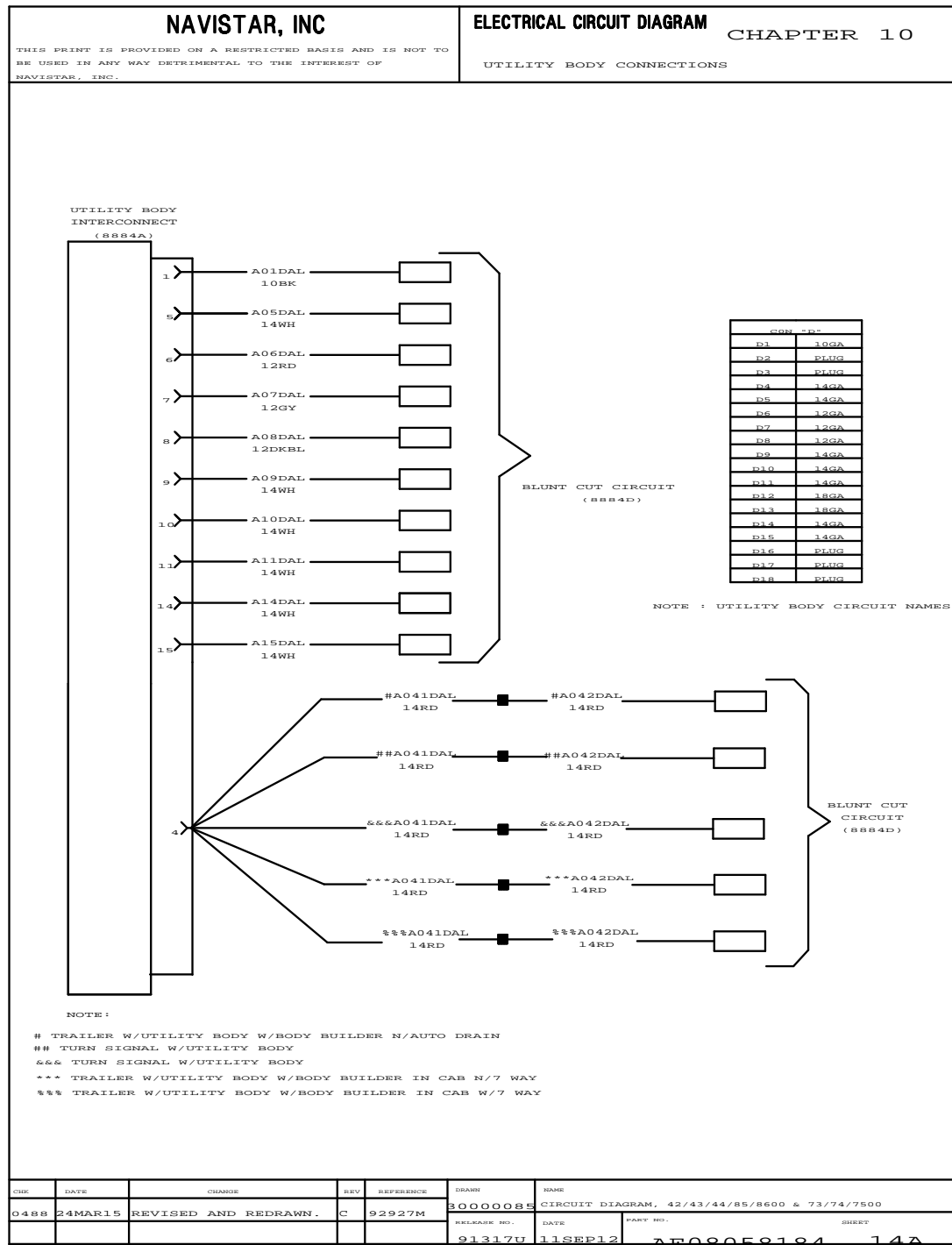


Figure 327 Utility Body Connections

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

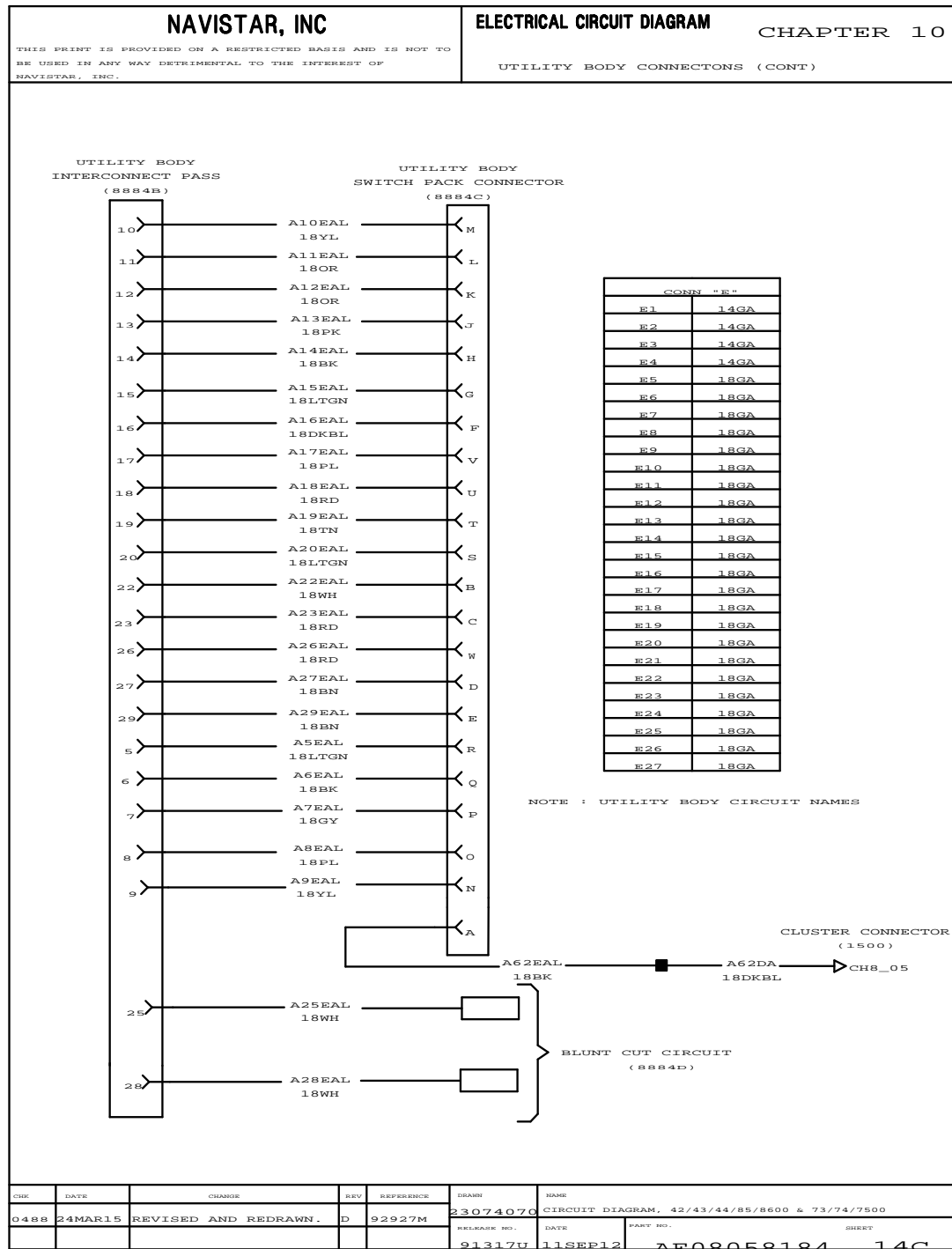


Figure 329 Utility Body Connections (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

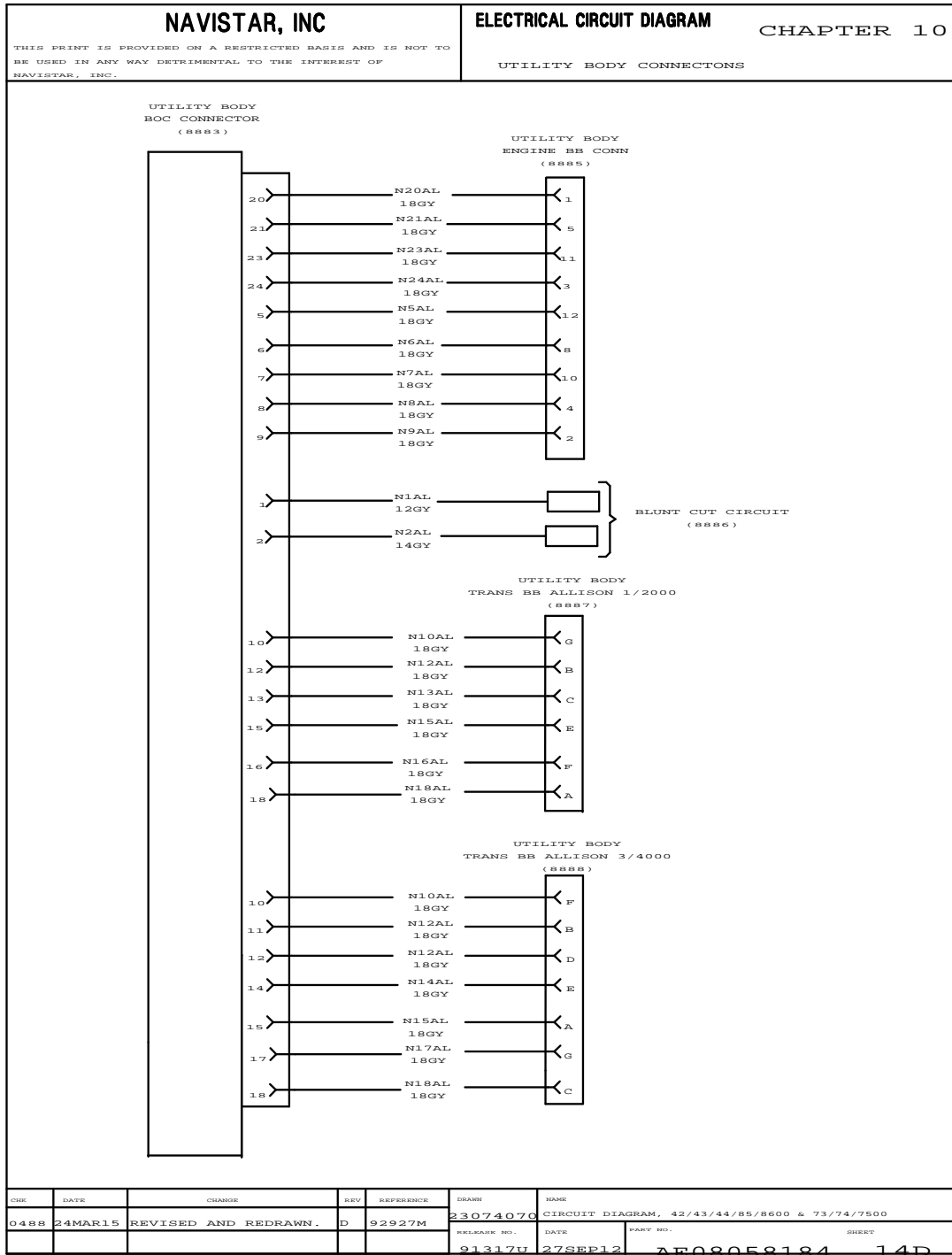


Figure 330 Utility Body Connections (Cont.)

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

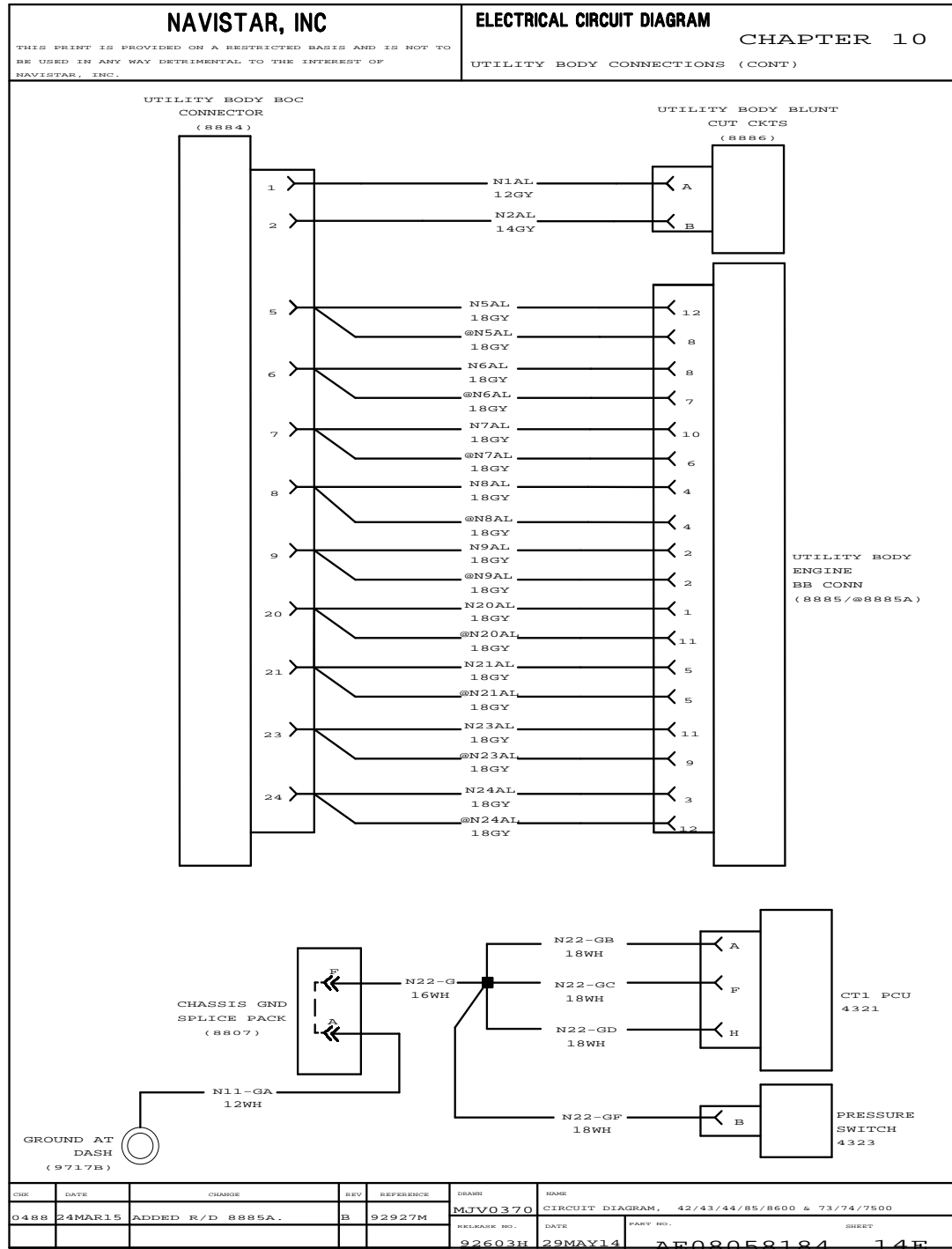


Figure 331 Utility Body Connections (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

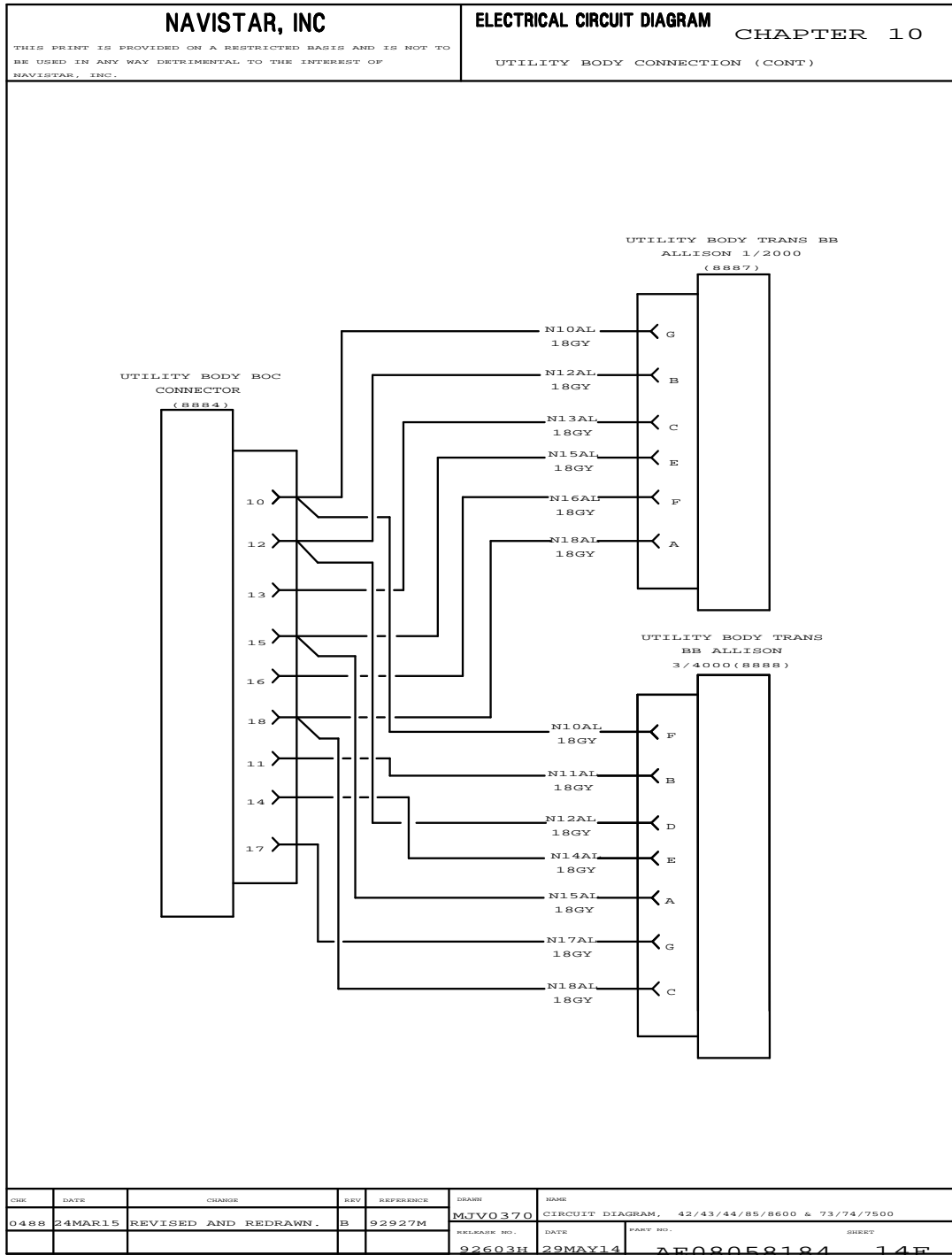


Figure 332 Utility Body Connections (Cont.)

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

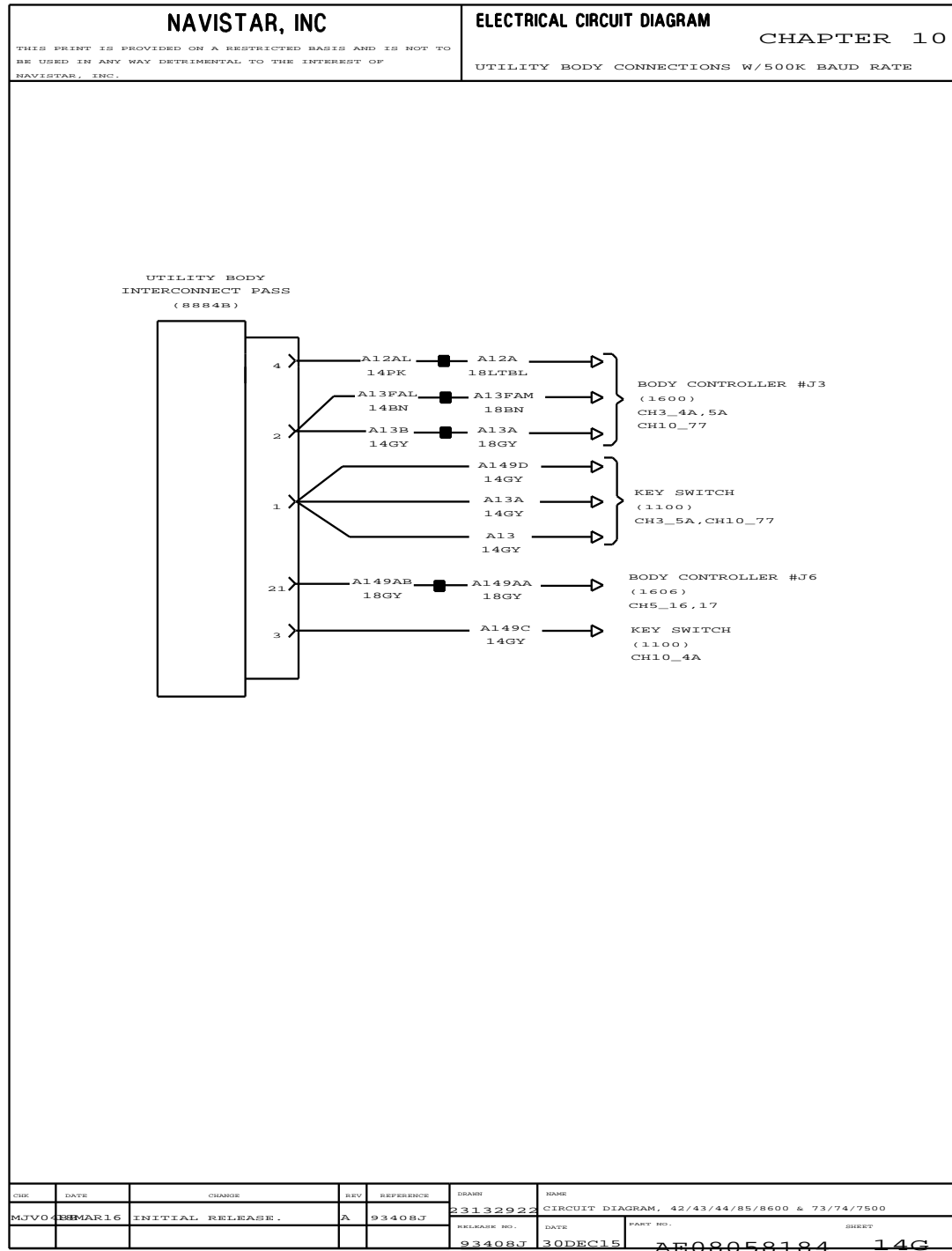


Figure 333 Utility Body Connections with 500K Baud Rate

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

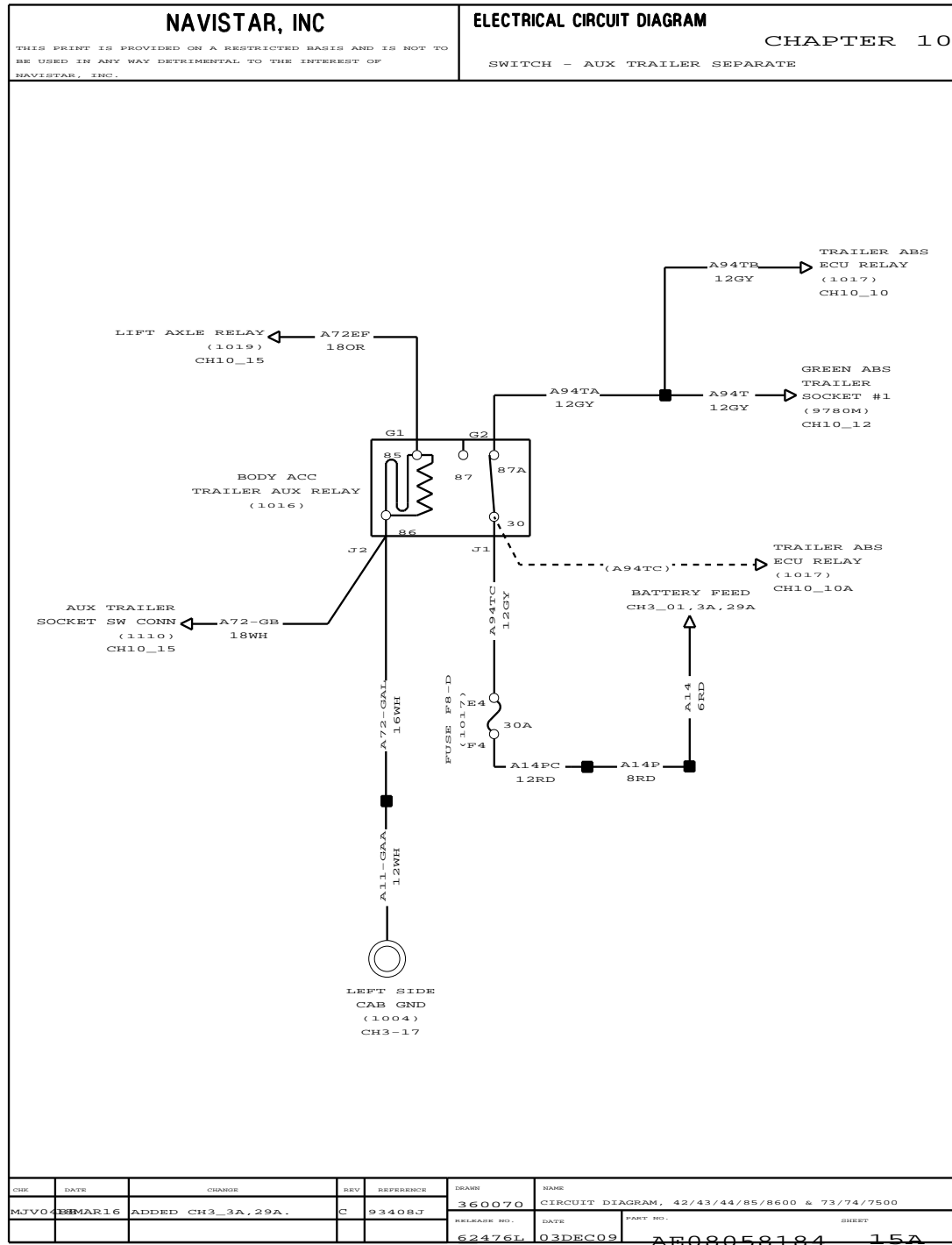


Figure 335 Switch – Aux Trailer Separate

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.27. TWO SPEED AXLE SWITCH, P. 16

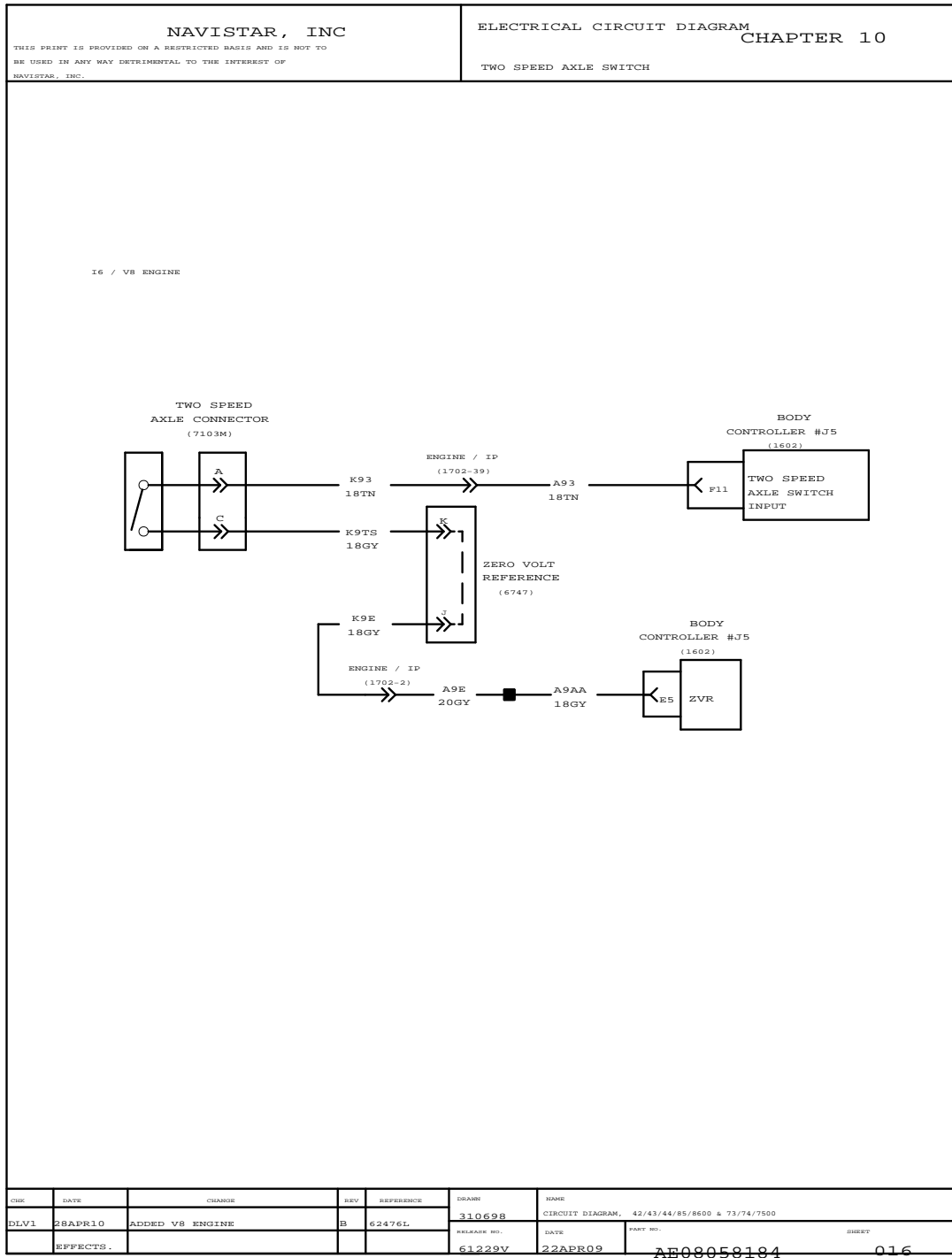


Figure 336 Two Speed Axle Switch

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.28. AIR SOLENOID, P. 17

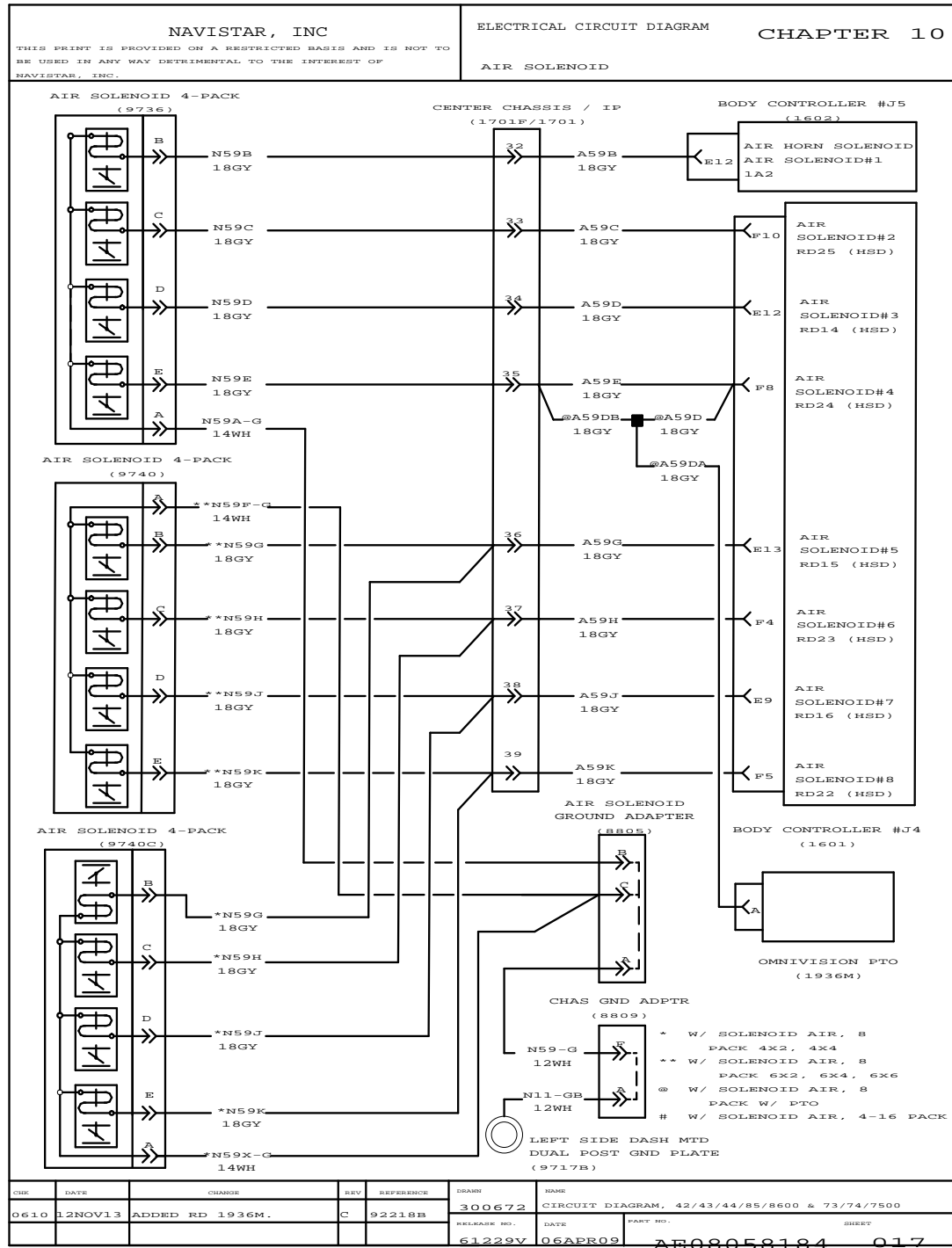


Figure 337 Air Solenoid

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

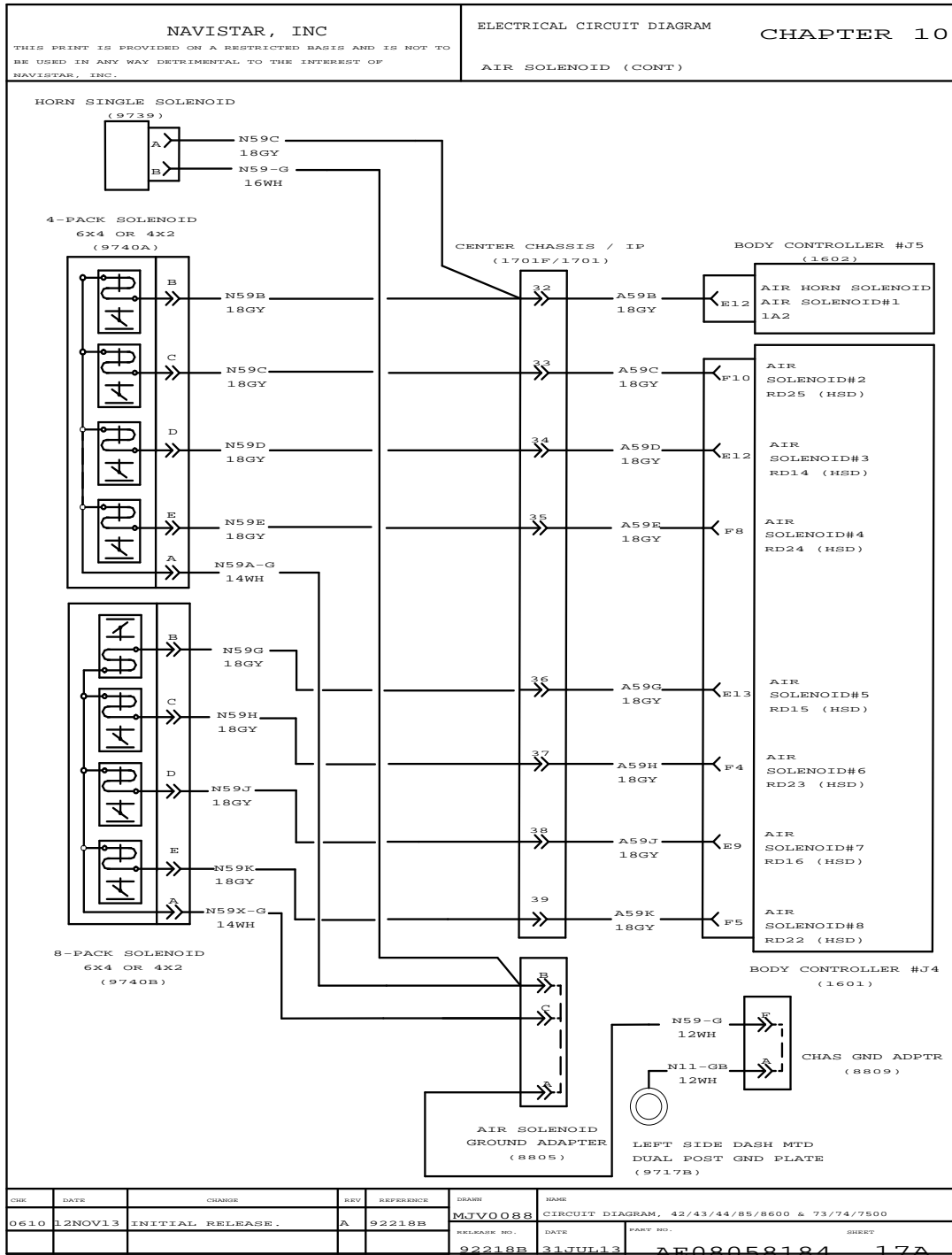


Figure 338 Air Solenoid (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

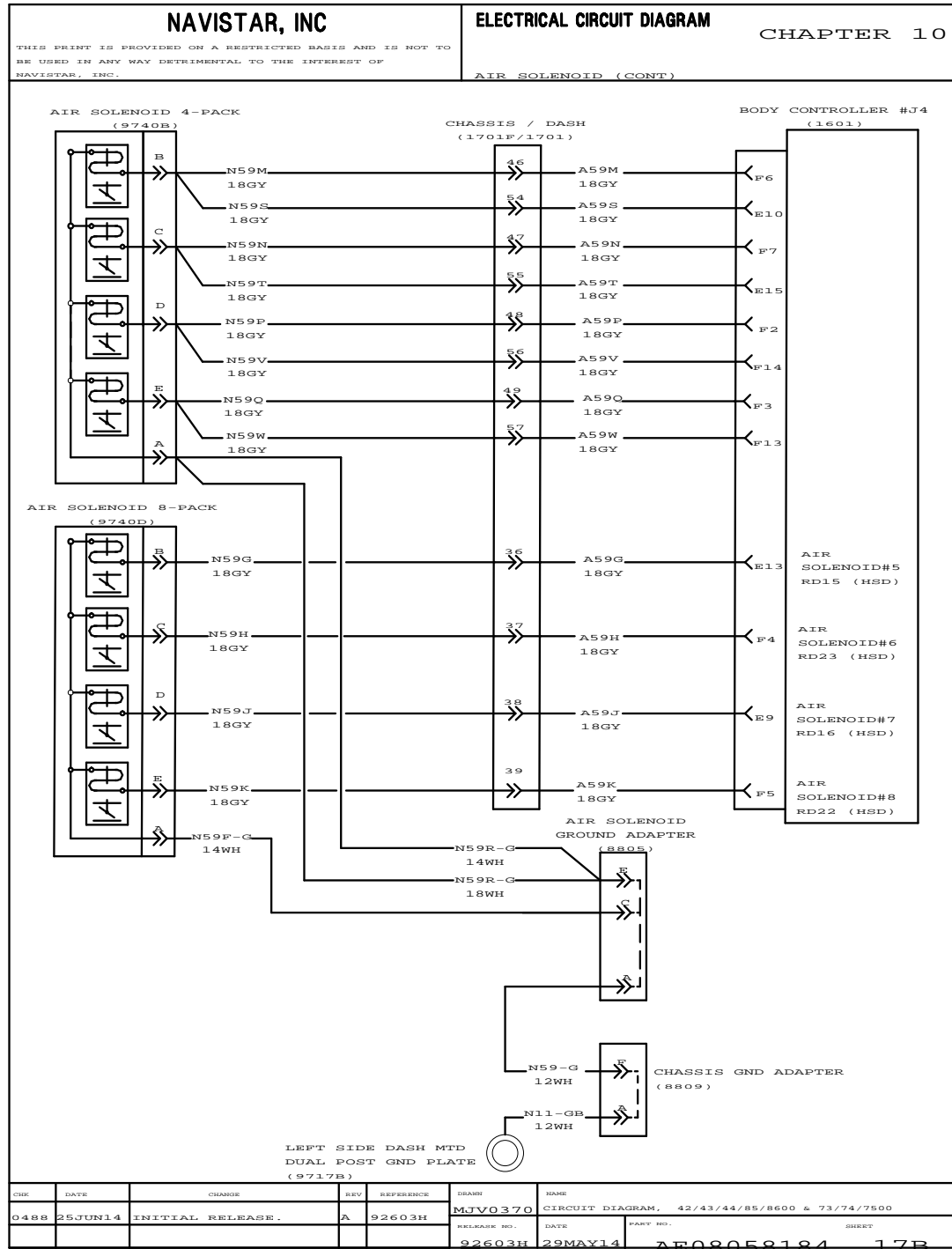


Figure 339 Air Solenoid (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

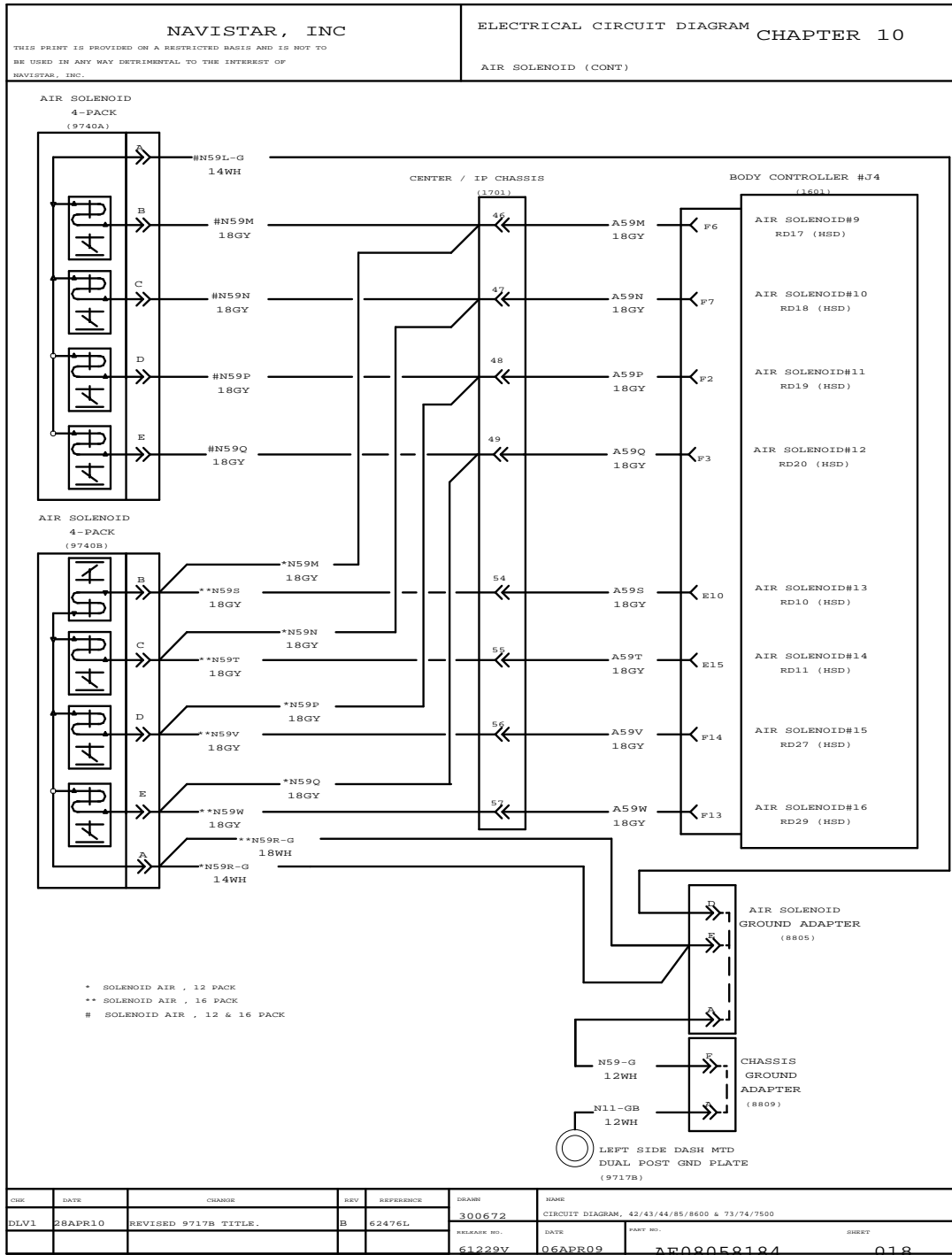


Figure 340 Air Solenoid (Cont.)

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

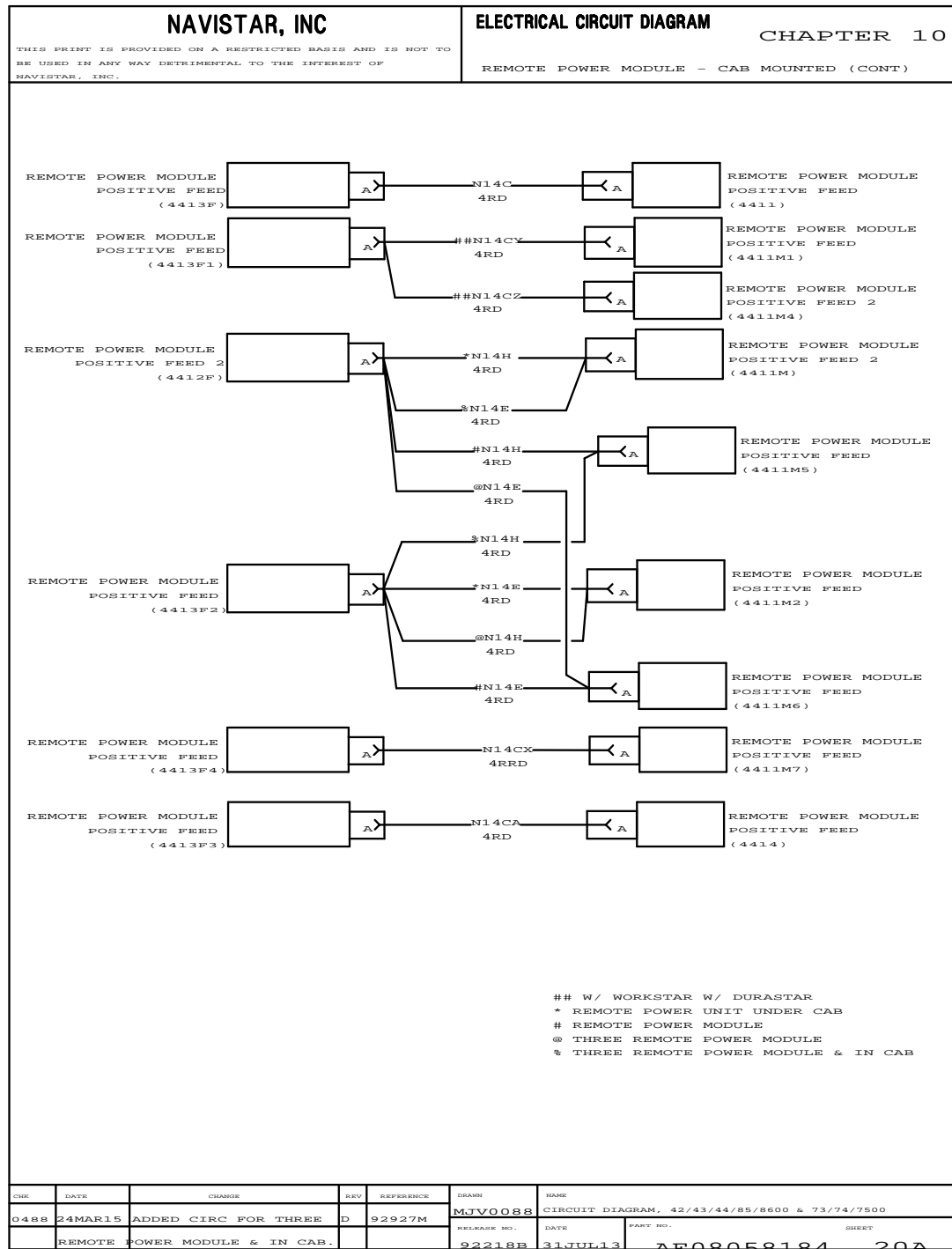


Figure 343 Remote Power Module – Cab Mounted (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

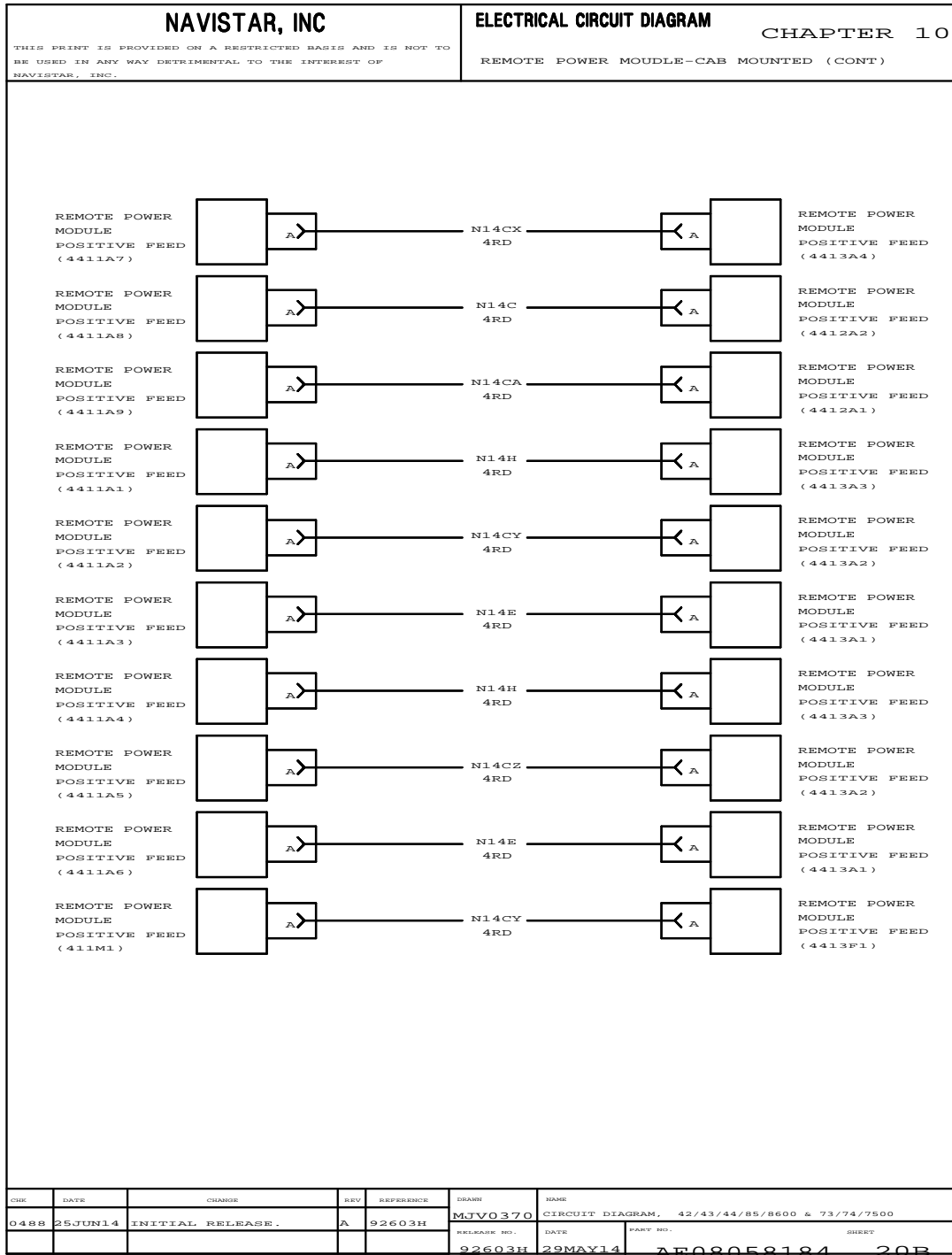


Figure 344 Remote Power Module – Cab Mounted (Cont.)

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

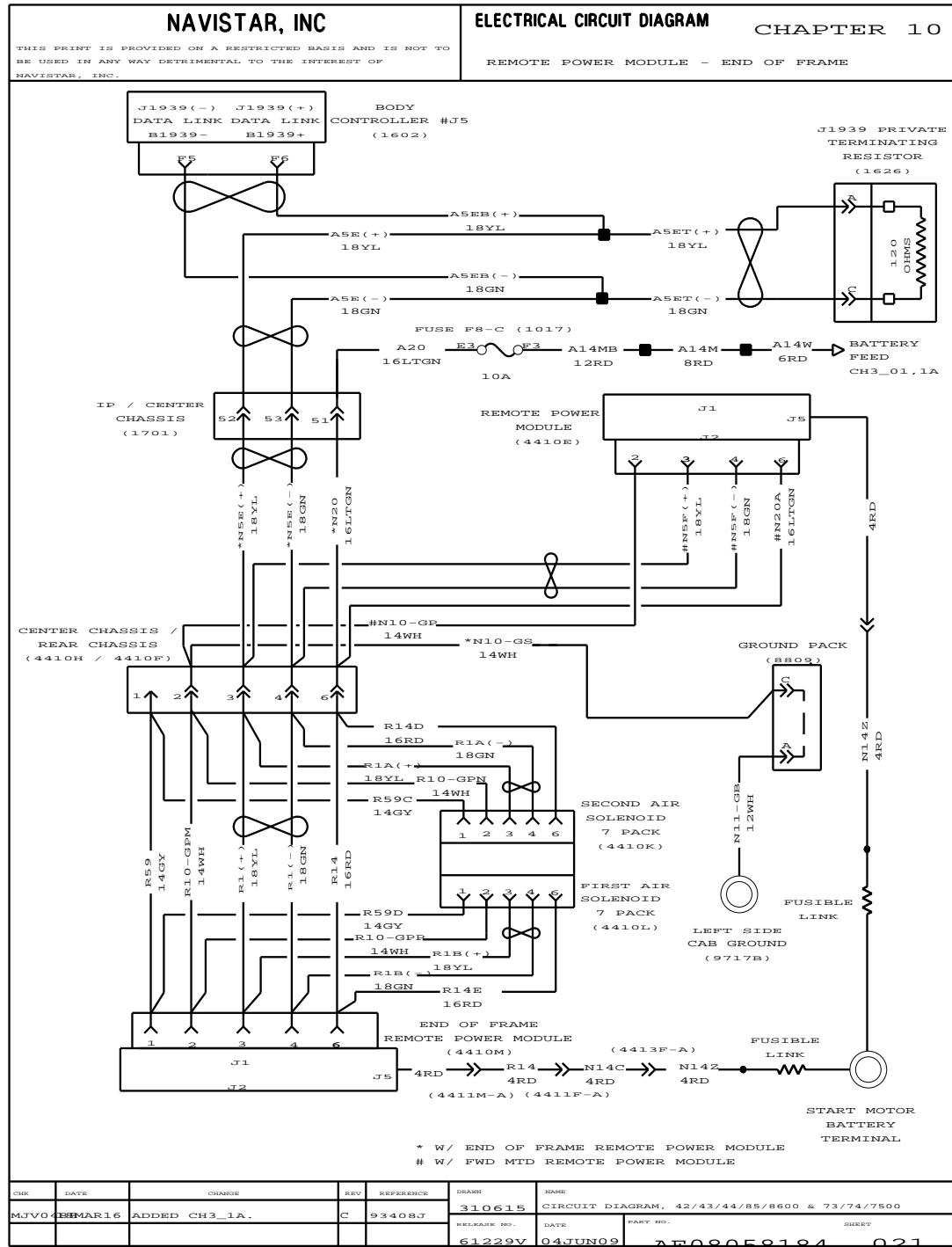
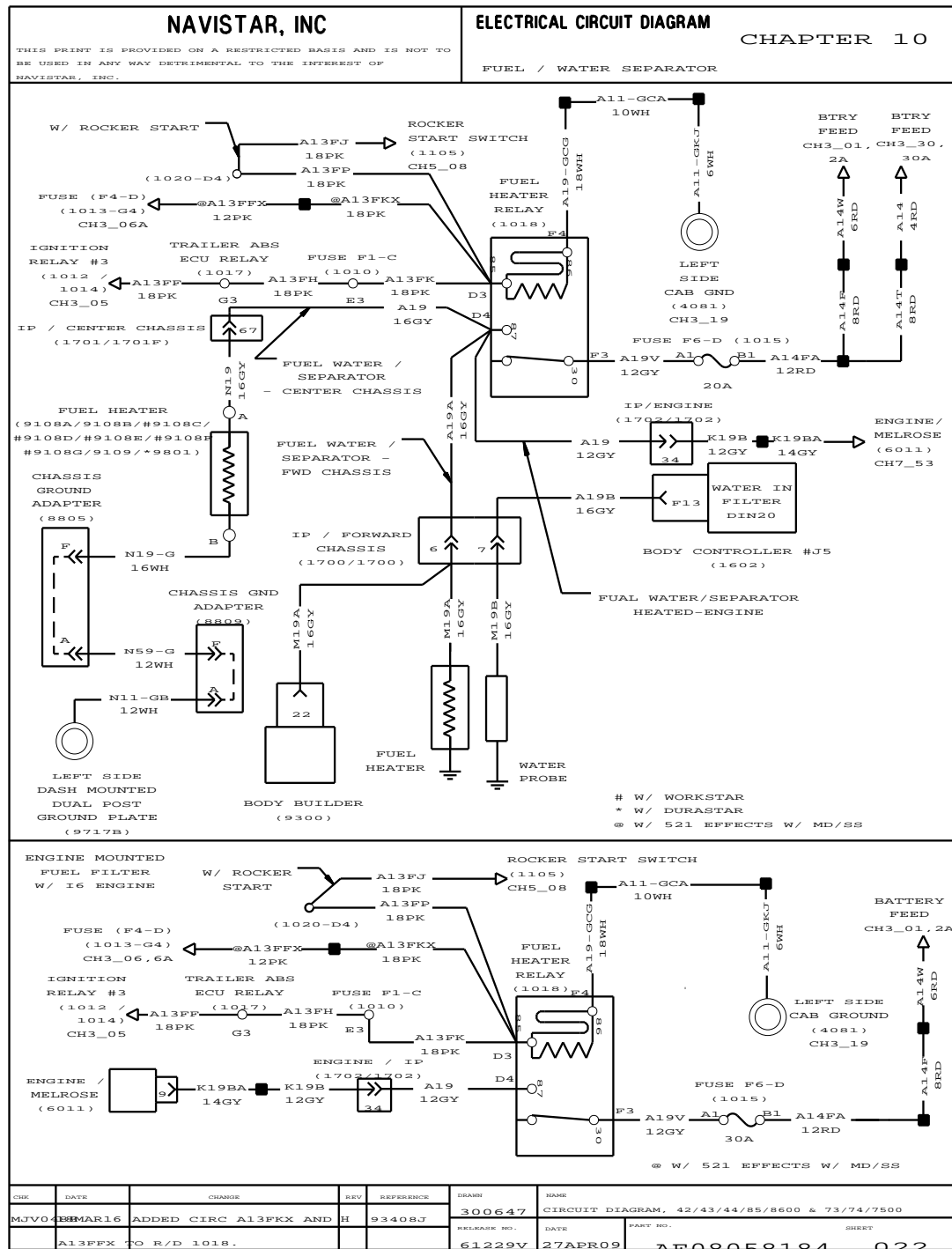


Figure 345 Remote Power Module – End of Frame



ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

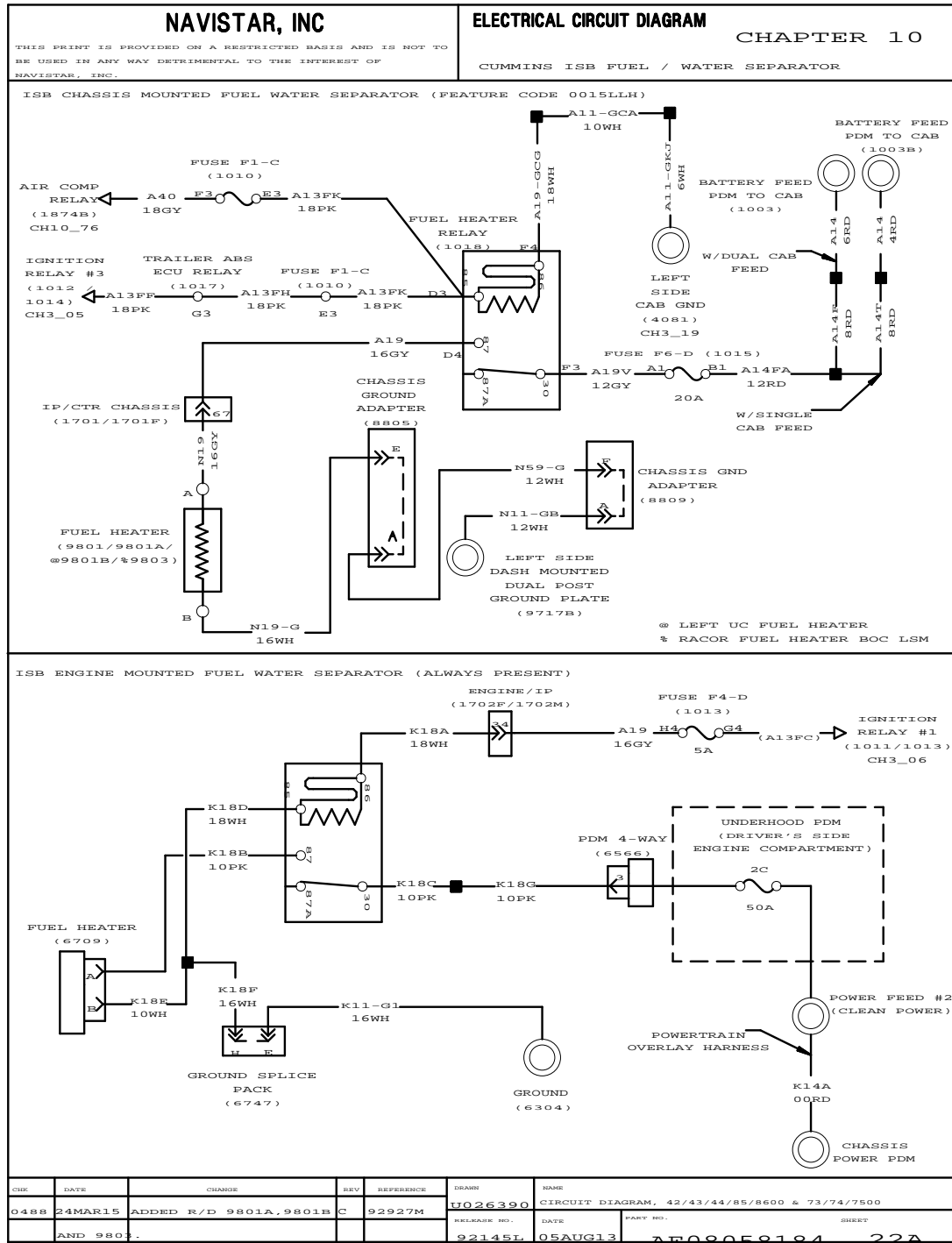


Figure 348 Cummins ISB Fuel / Water Separator

10.40. ELECTRIC TRAILER BRAKE, P. 23

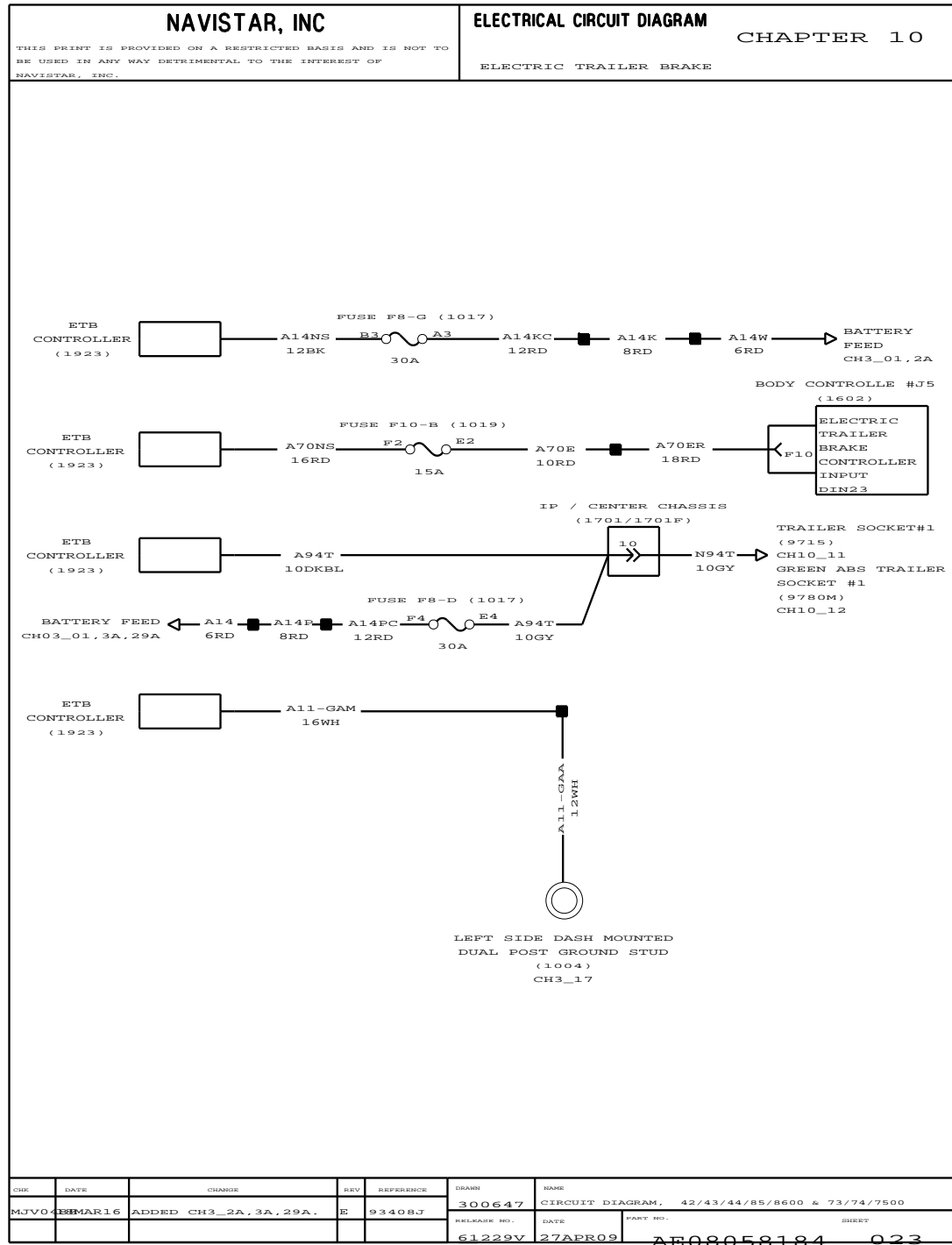


Figure 349 Electric Trailer Brake

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.41. LECTRASHIFT ACCOMMODATION, P. 24

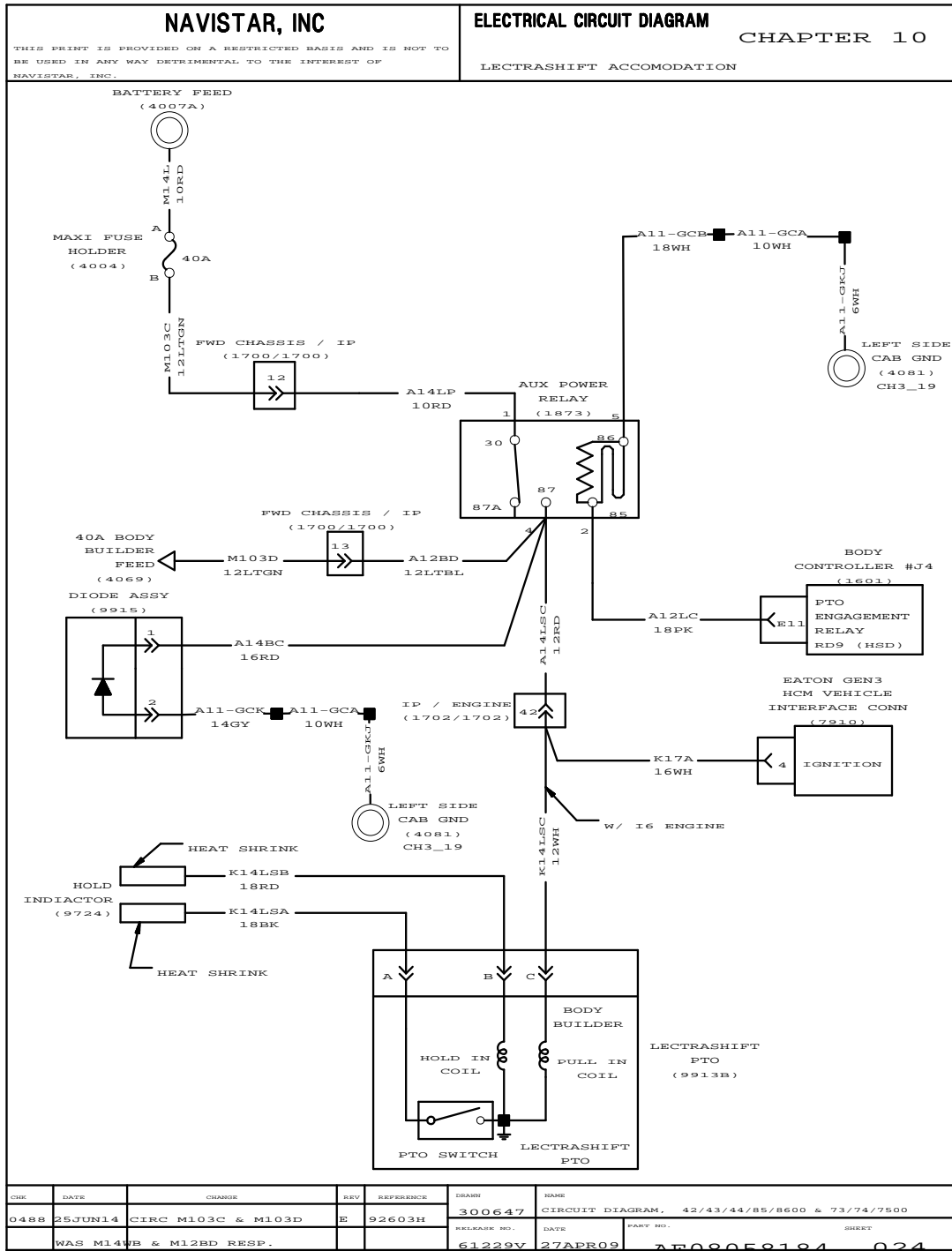


Figure 350 Lectrashift Accommodation

10.42. HOUR METER – PTO, P. 25

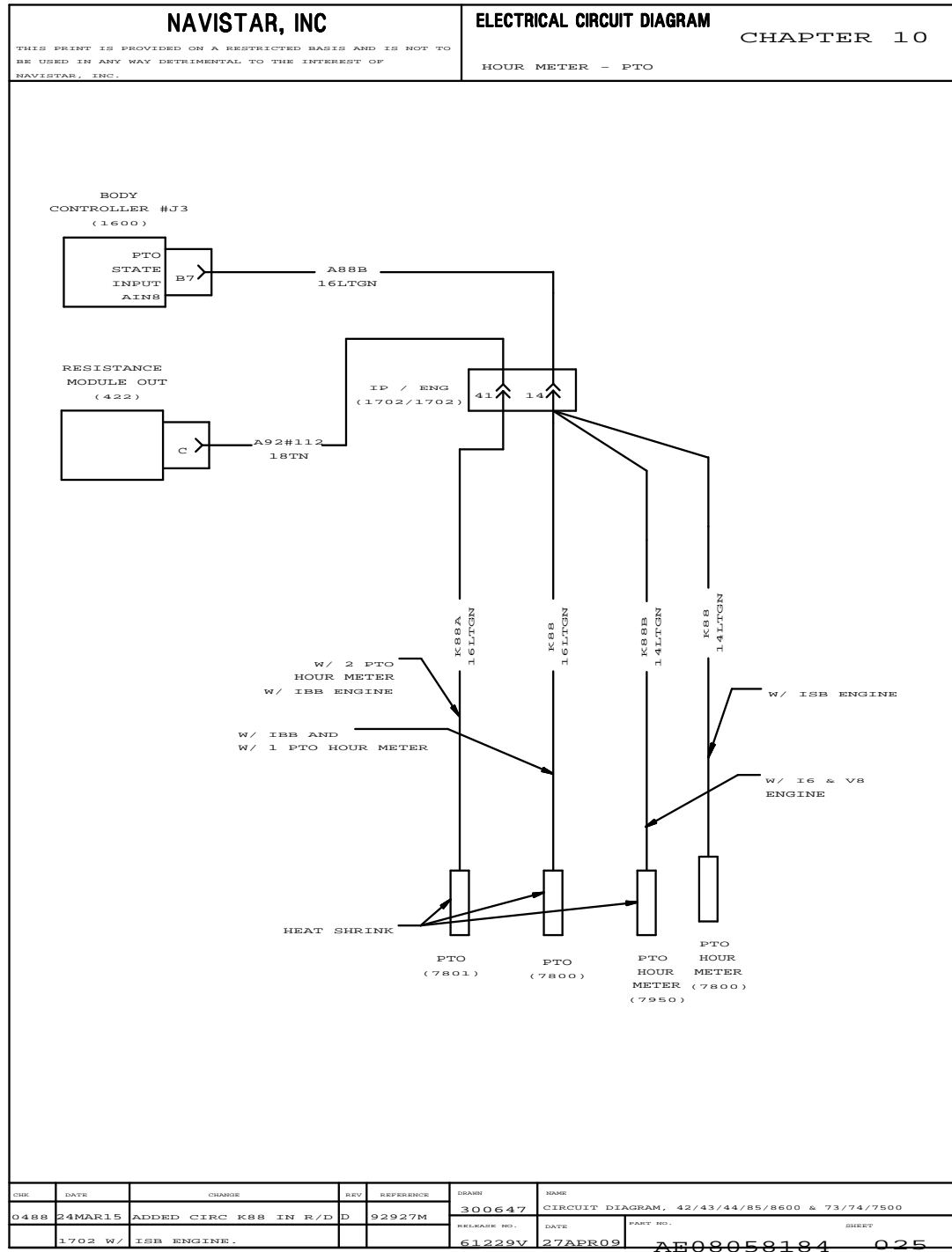


Figure 351 Hour Meter – PTO

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.43. AUXILIARY INPUTS AND DRIVERS, P. 26

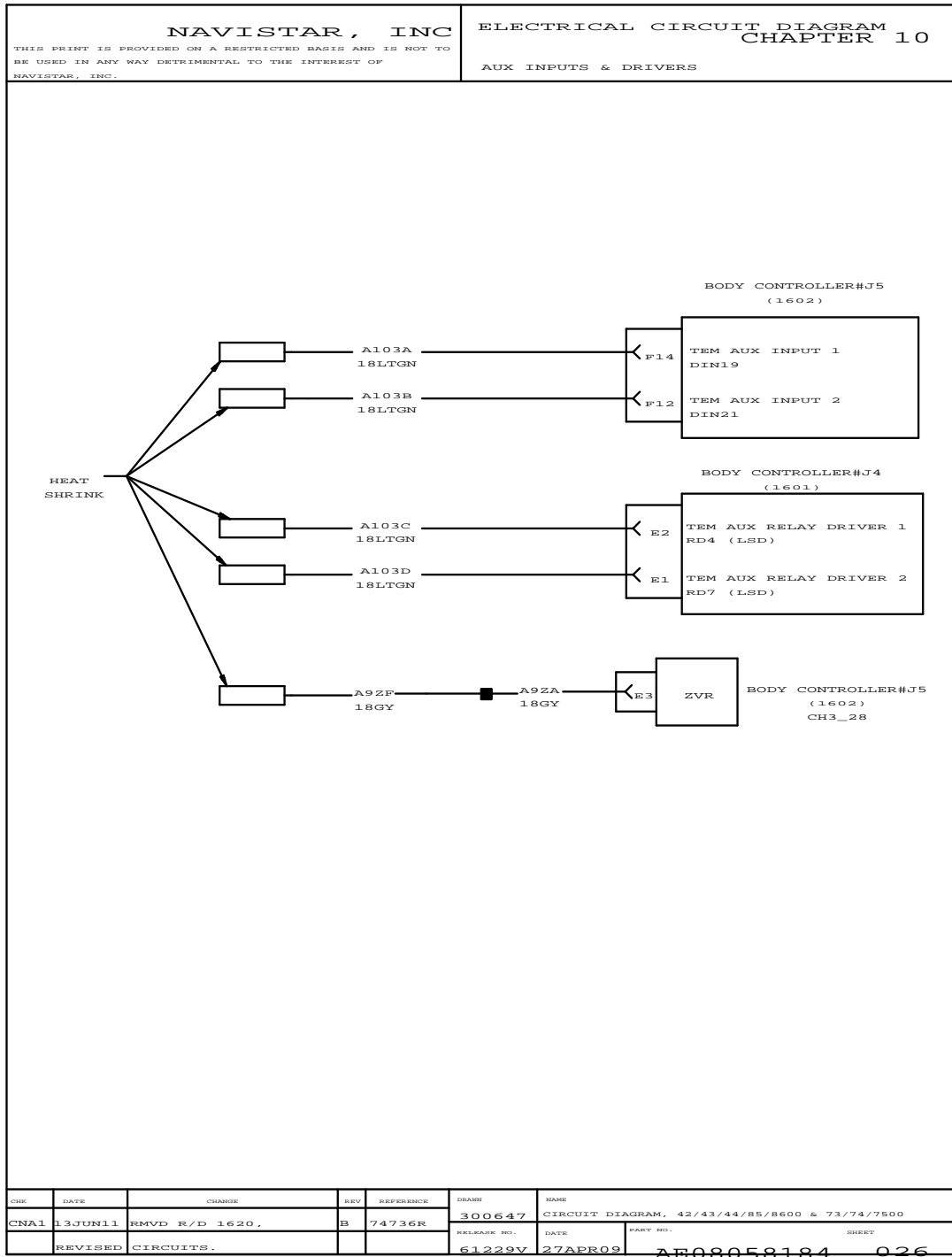


Figure 352 Auxiliary Inputs and Drivers

10.44. FUEL TRANSFER PUMP, P. 27

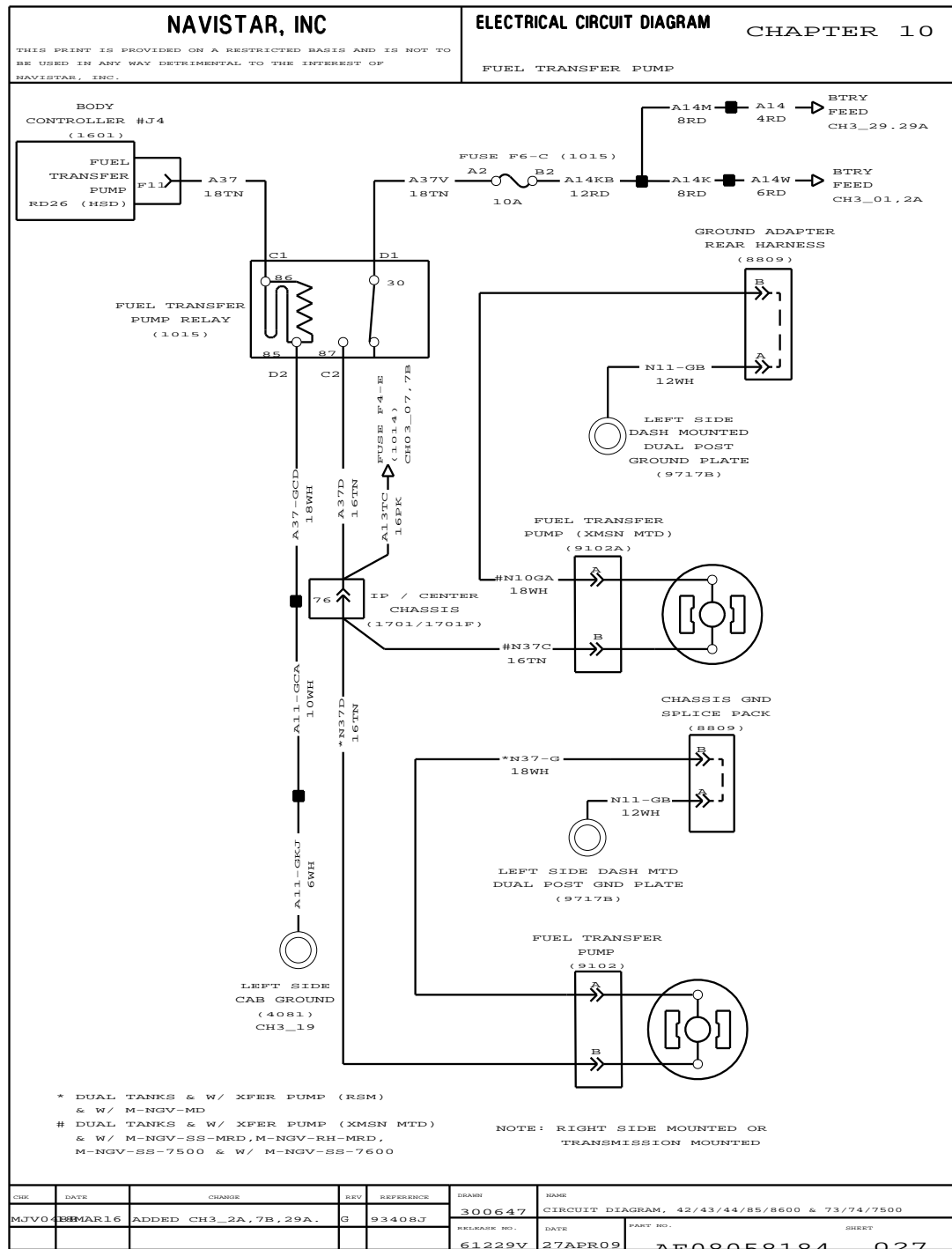


Figure 353 Fuel Transfer Pump

10.46. WHEELCHAIR LIFT INTERLOCK, P. 29

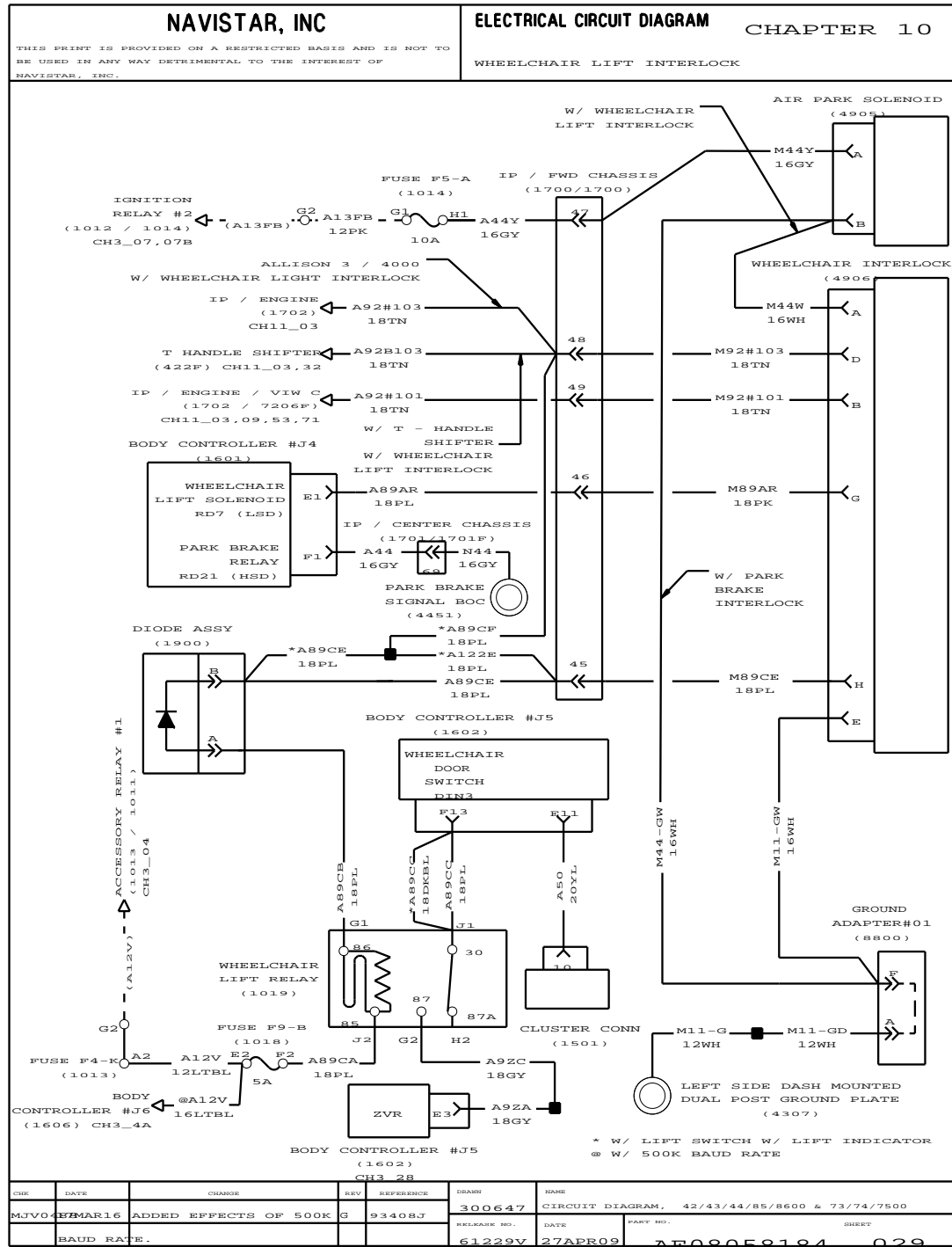


Figure 355 Wheelchair Lift Interlock

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

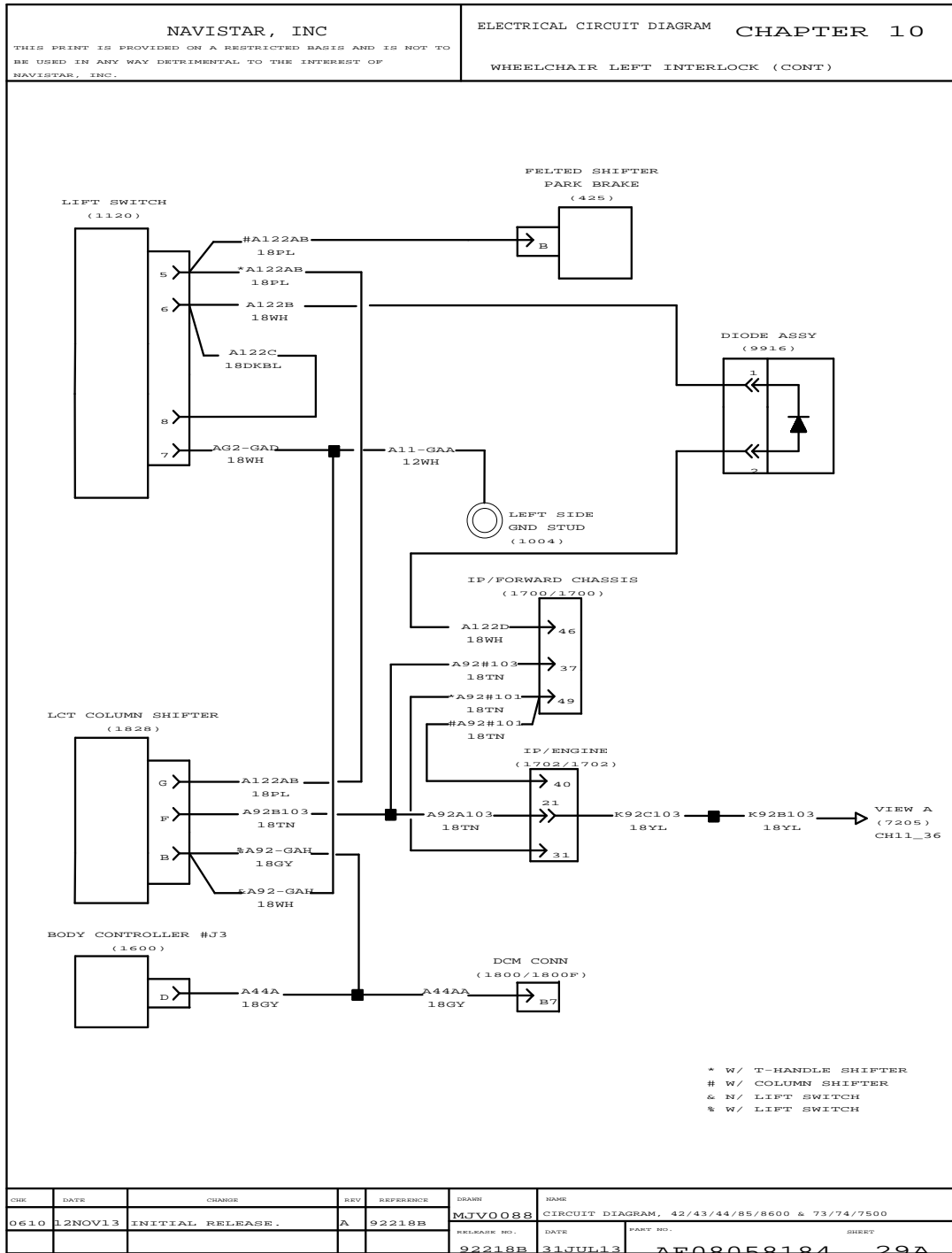


Figure 356 Wheelchair Lift Interlock (Cont.)

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

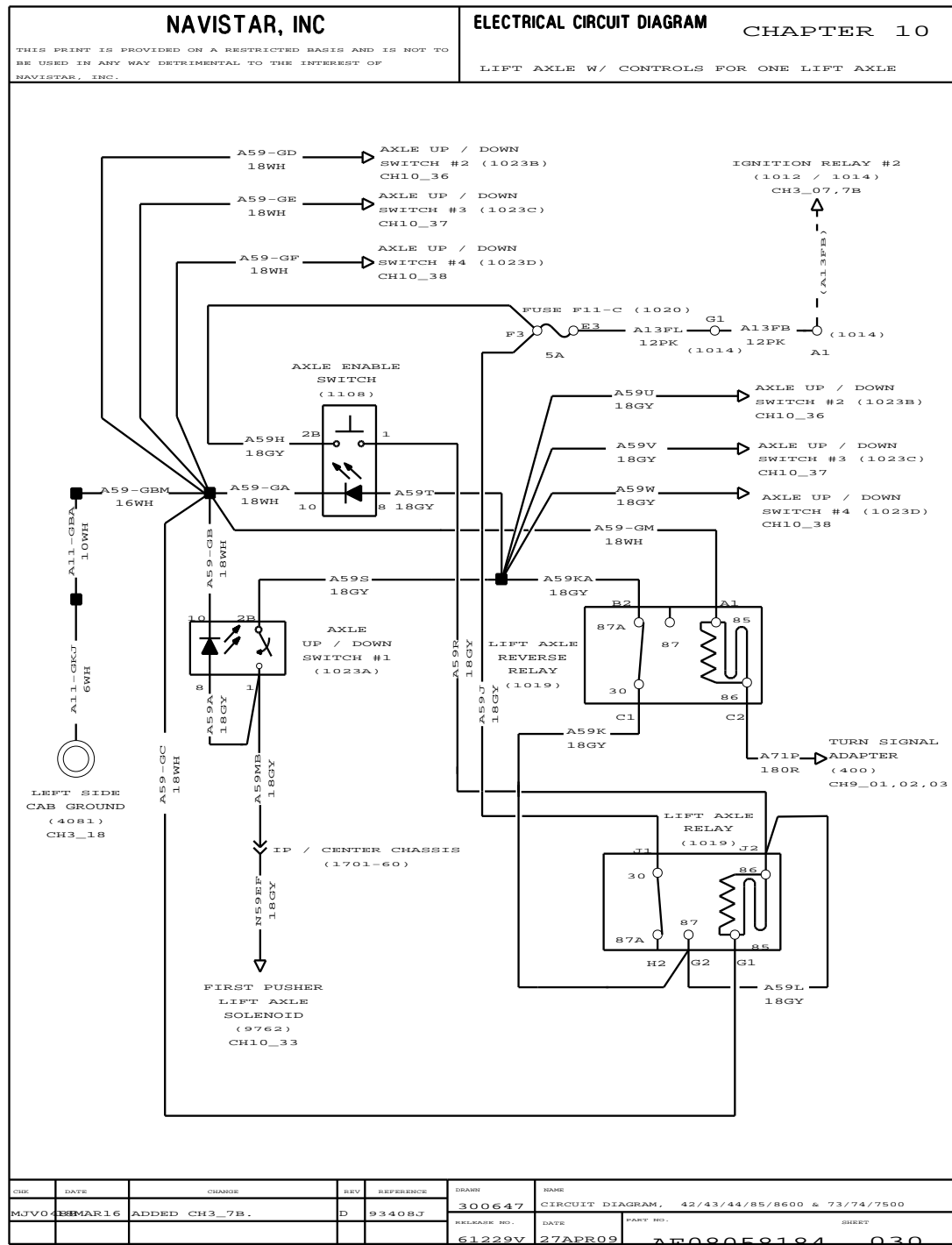


Figure 357 Lift Axle with Controls for One Lift Axle

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

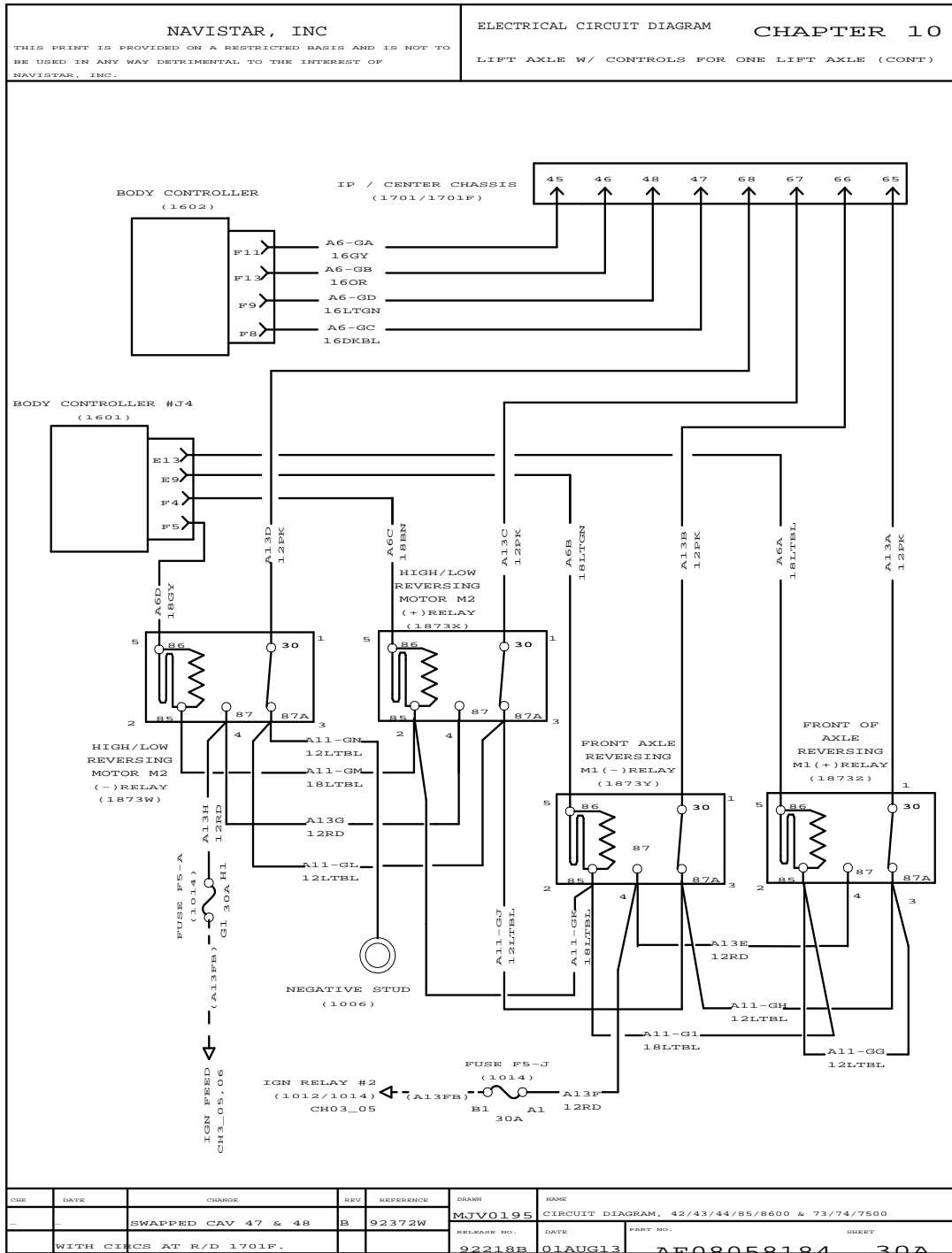


Figure 358 Lift Axle with Controls for One Lift Axle (Cont.)

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

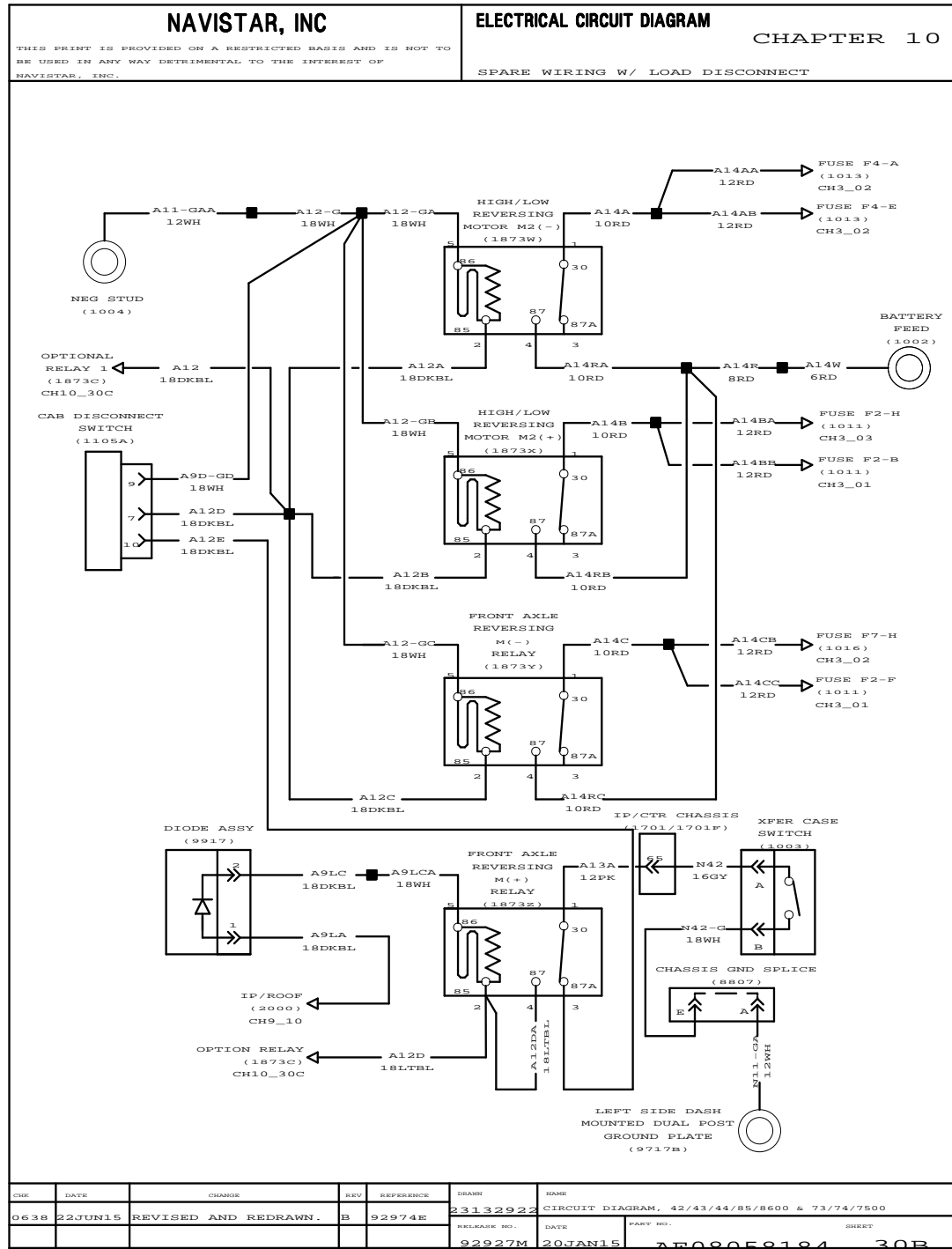


Figure 359 Spare Wiring with Load Disconnect

10.54. LIFT AXLE, P. 33

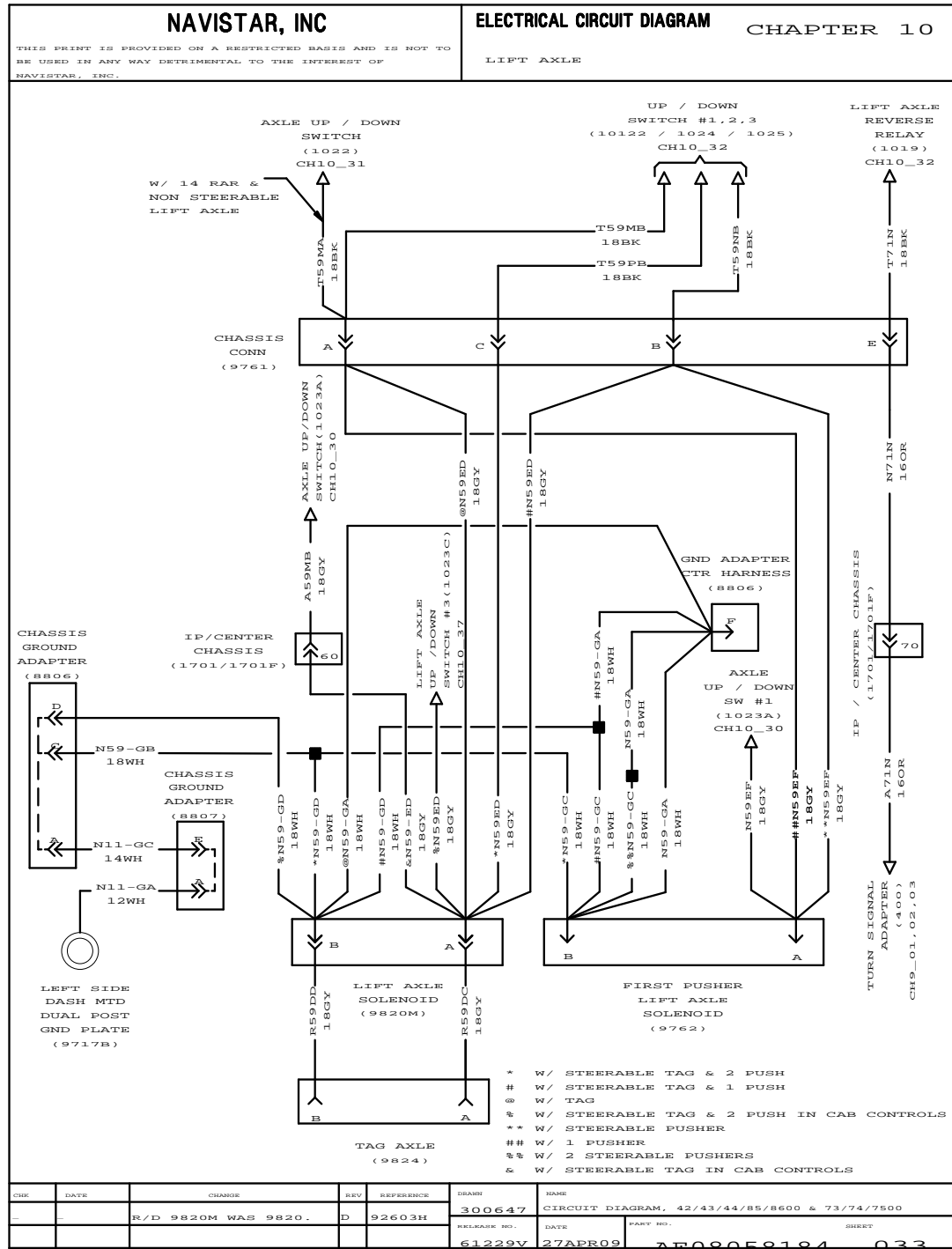


Figure 363 Lift Axle

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

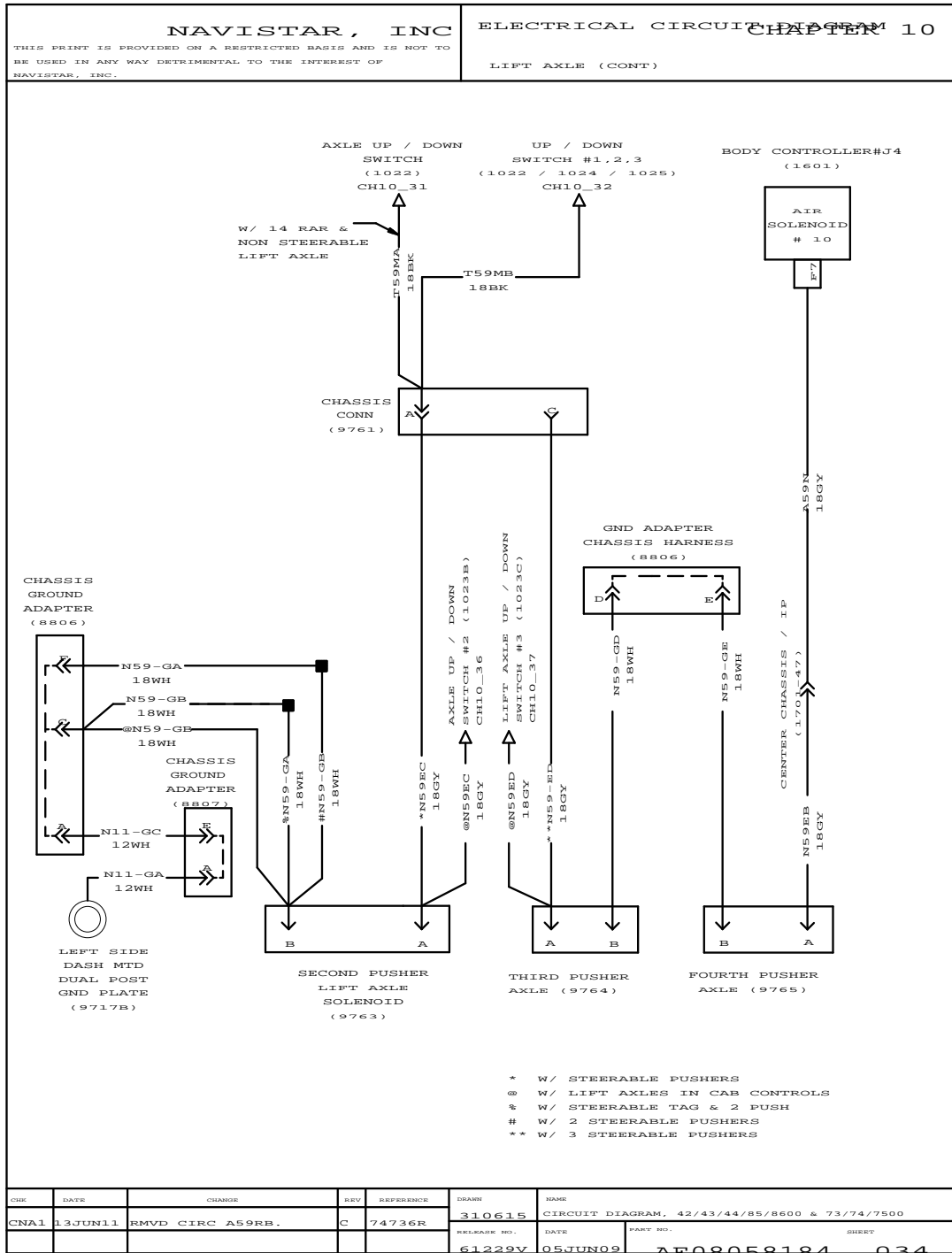


Figure 364 Lift Axle (Cont.)

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

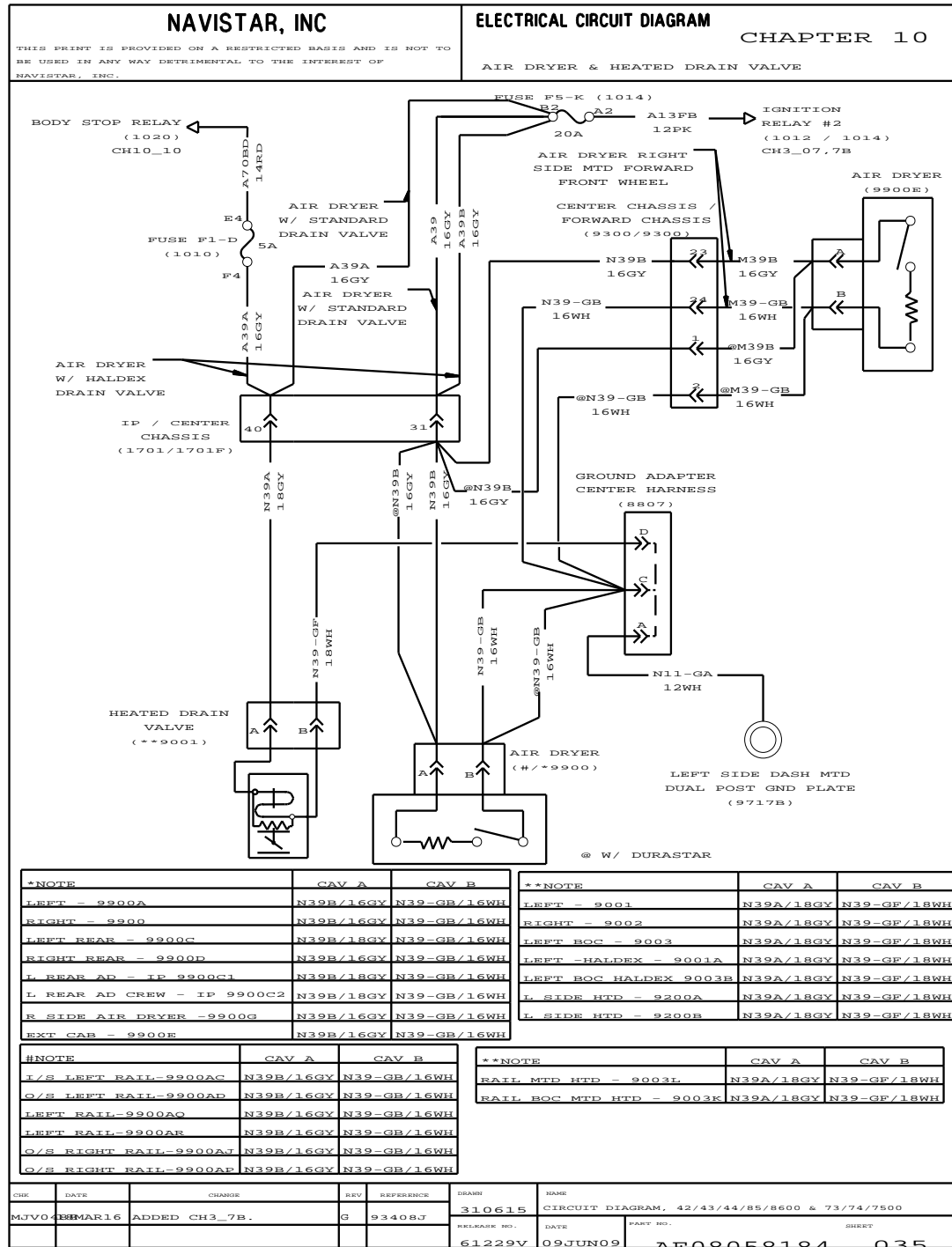
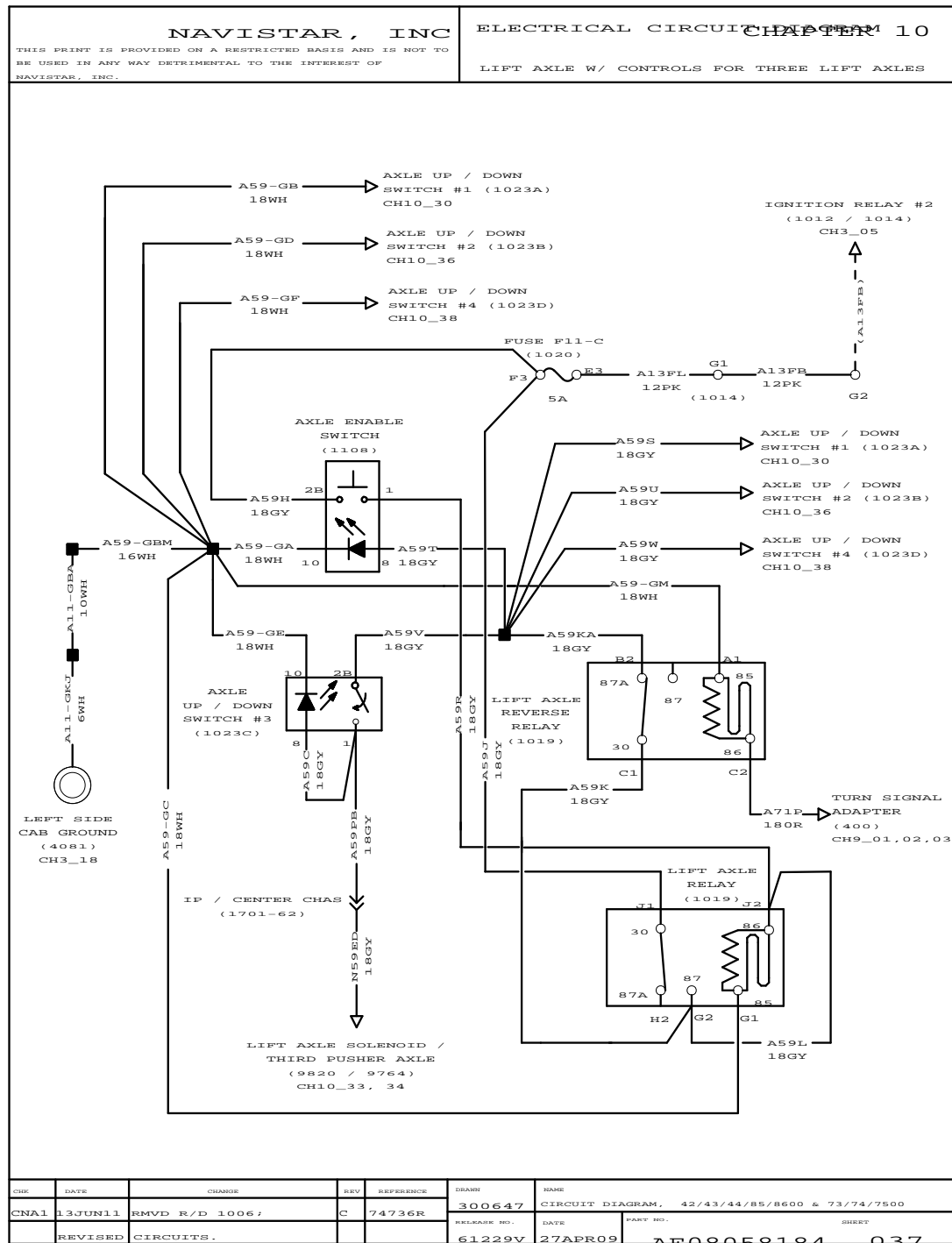


Figure 365 Air Dryer and Heated Drain Valve



ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

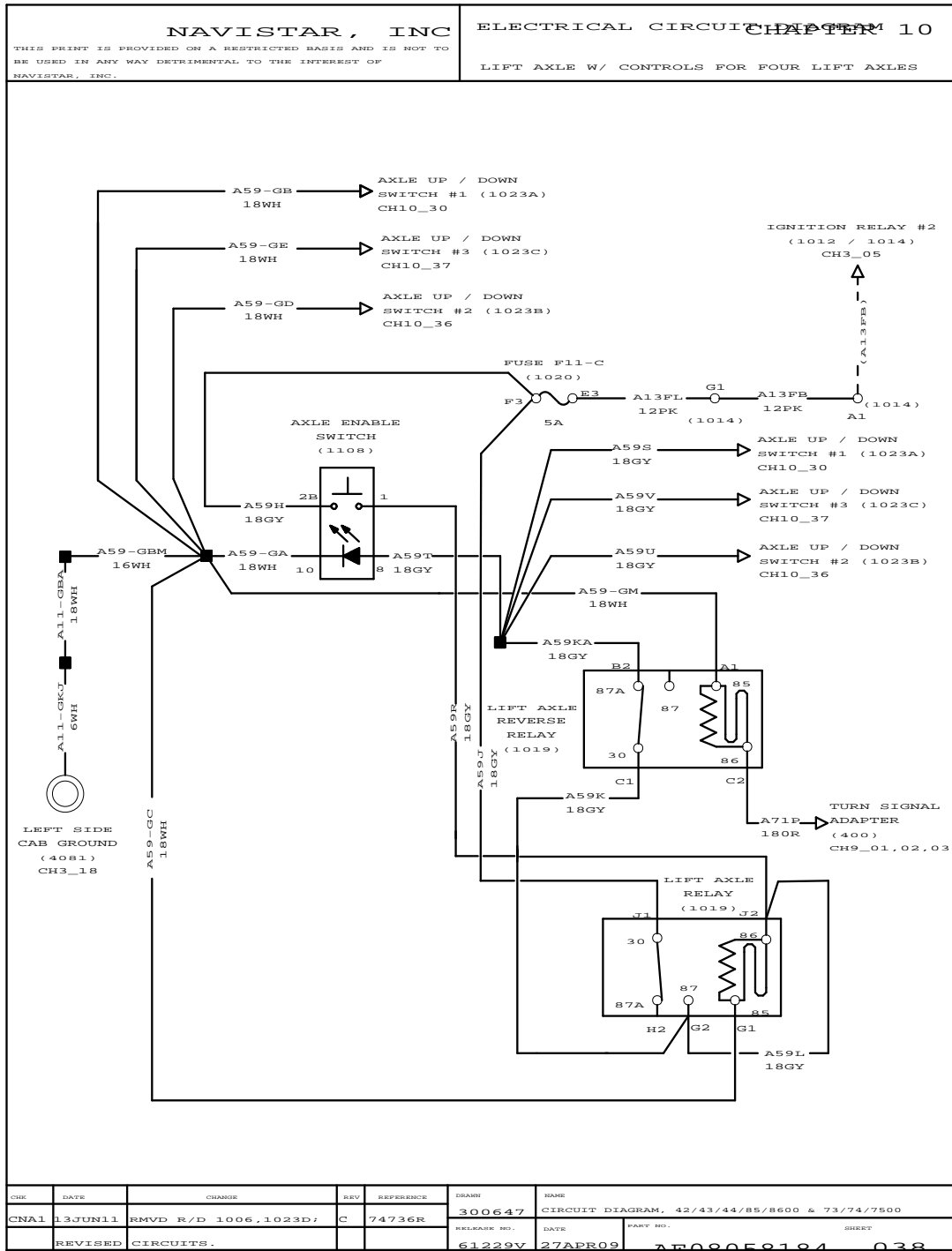


Figure 368 Lift Axles with Controls for Four Lift Axles

10.60. ABS ROLL OVER STABILITY, P. 39

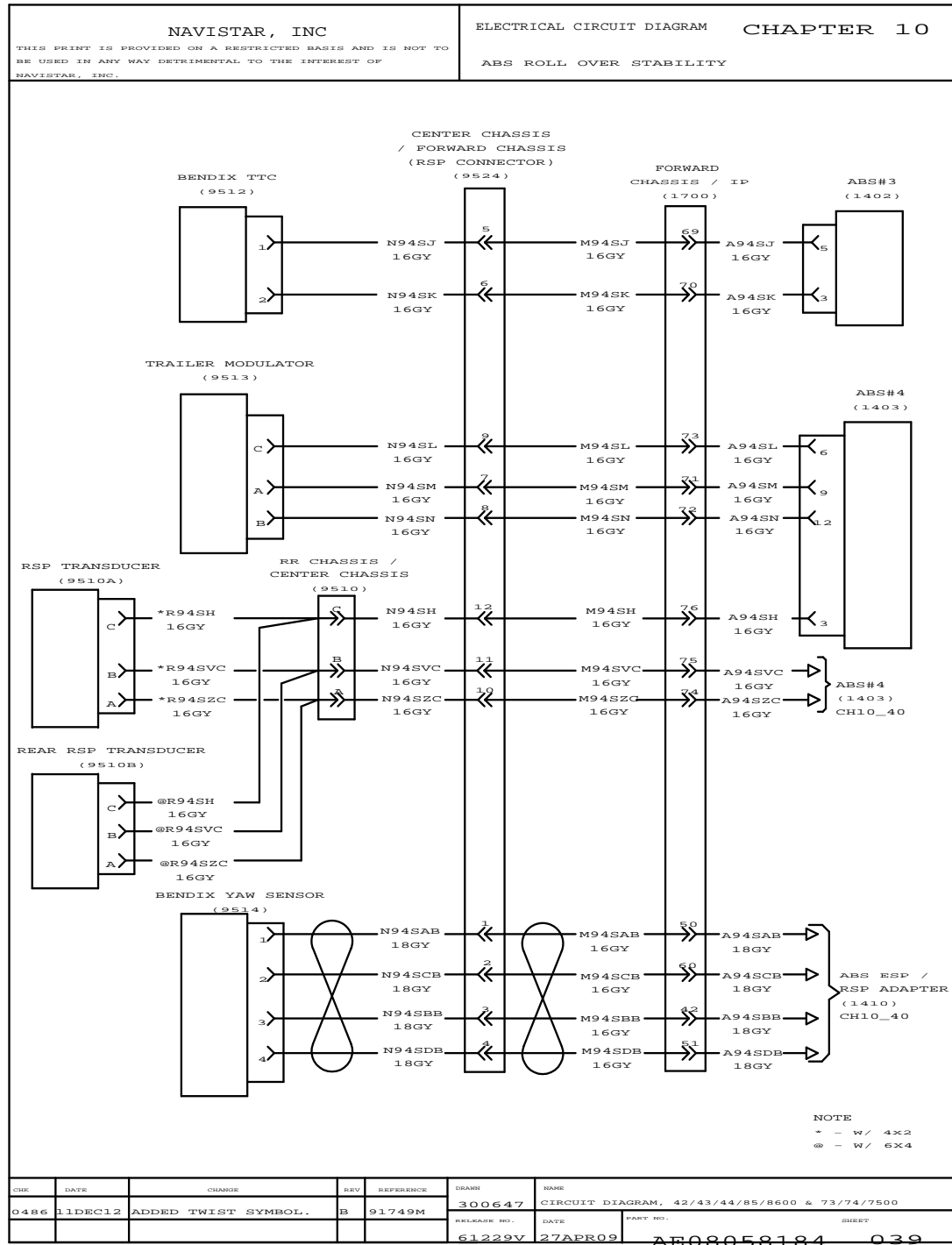


Figure 369 ABS Roll Over Stability

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.61. ABS ROLL OVER STABILITY (CONT.), P. 40

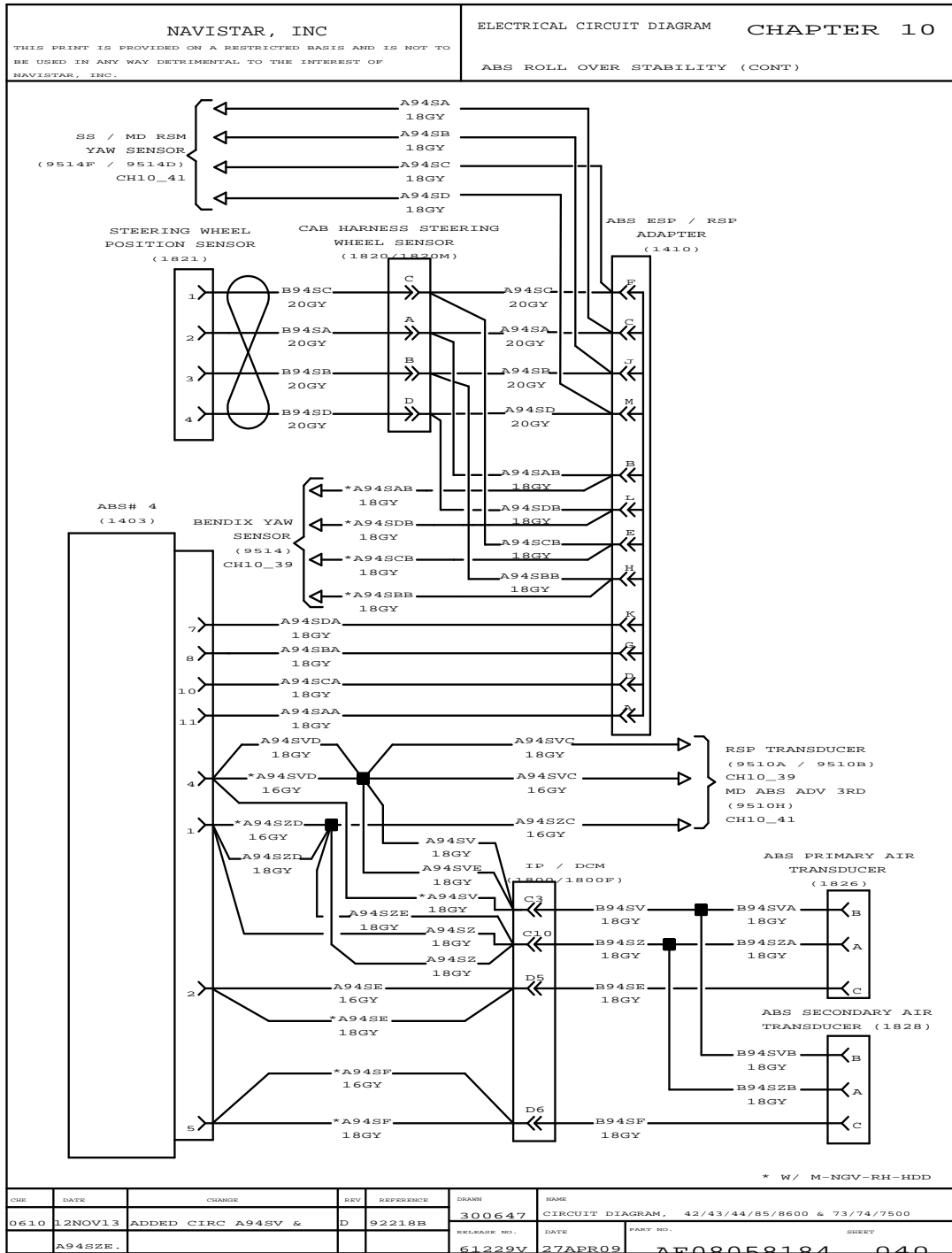


Figure 370 ABS Roll Over Stability (Cont.)

10.62. ABS – BENDIX AIR, P. 41

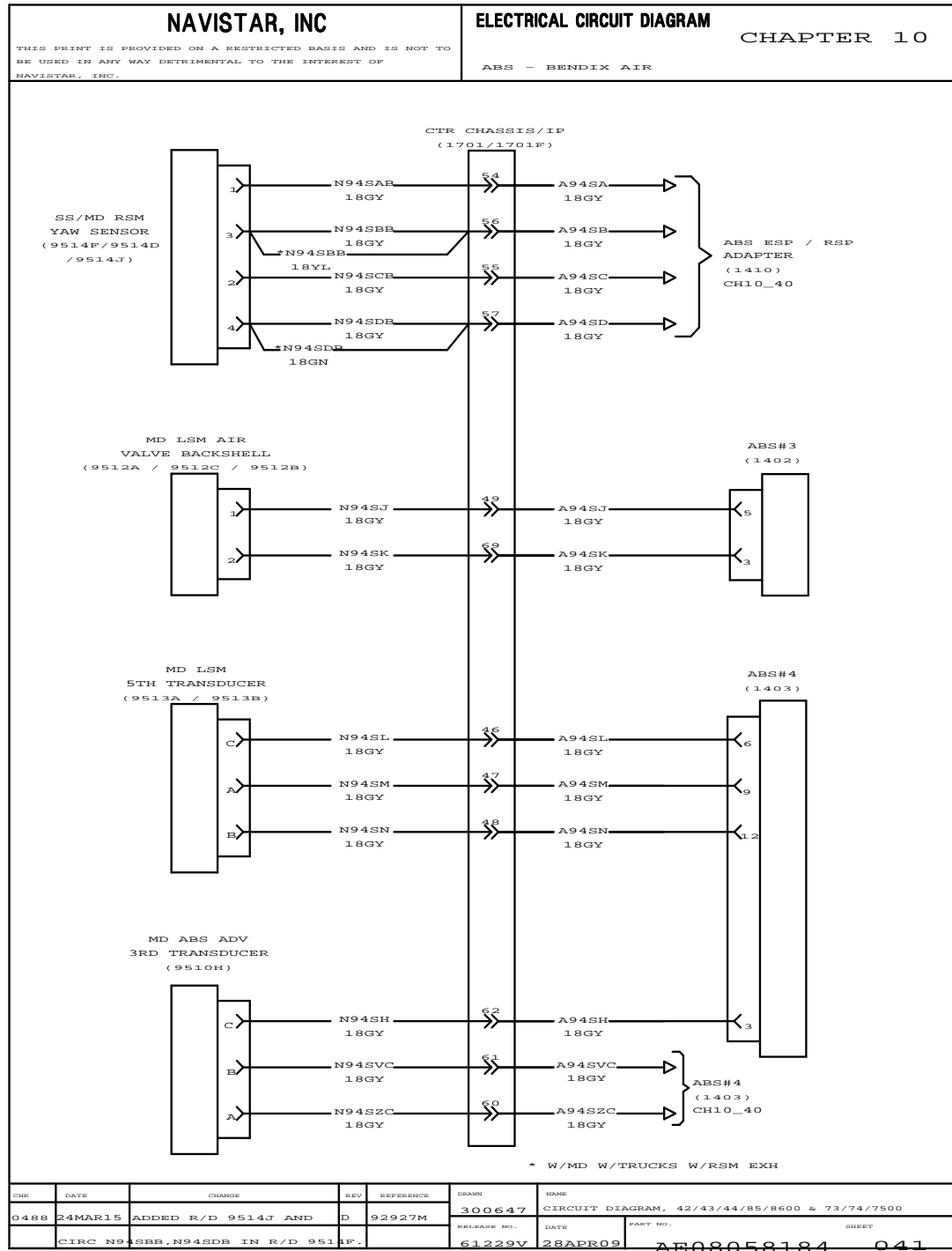


Figure 371 ABS – Bendix Air

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

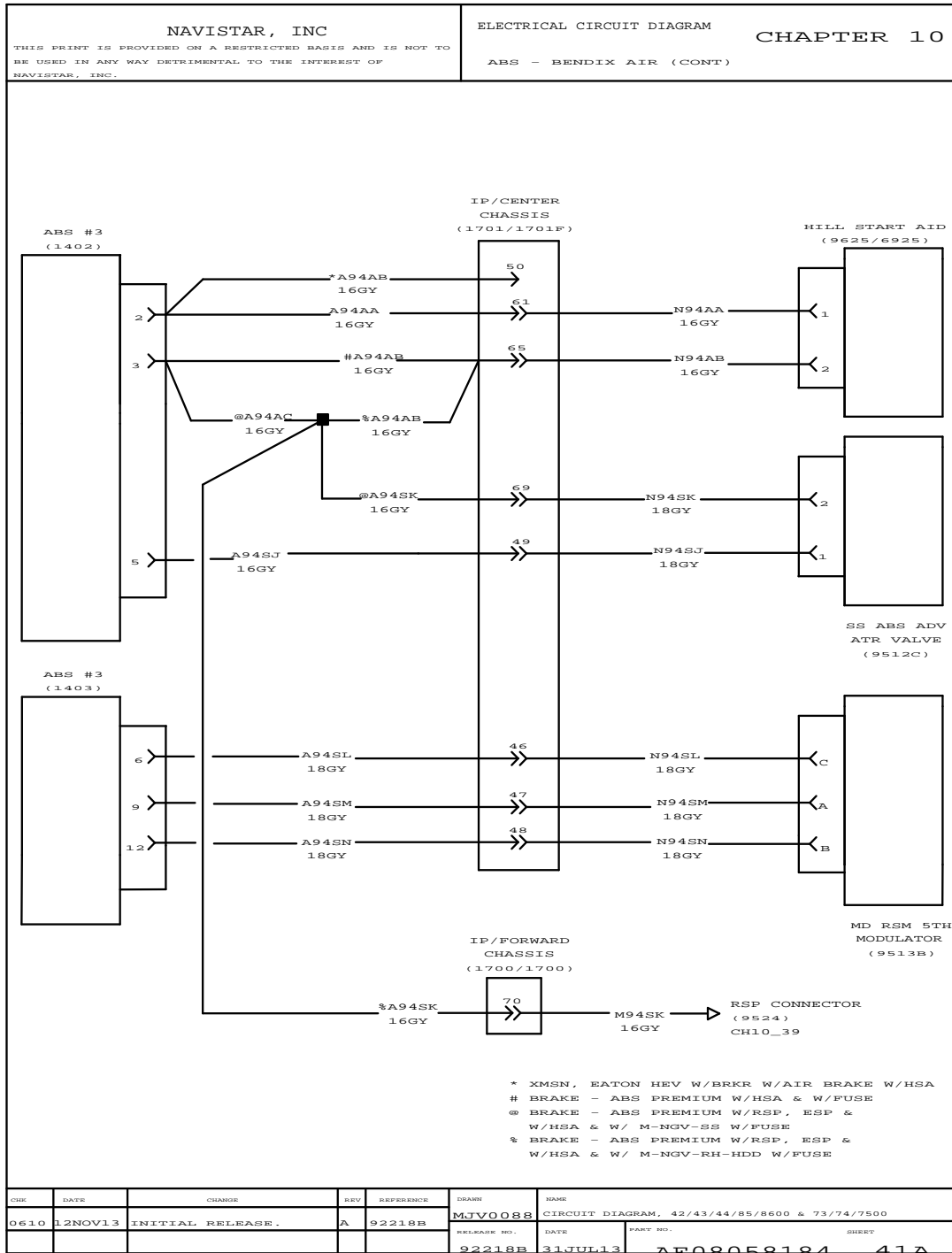


Figure 372 ABS – Bendix Air (Cont.)

10.64. TRANSFER CASE EFFECTS, P. 42

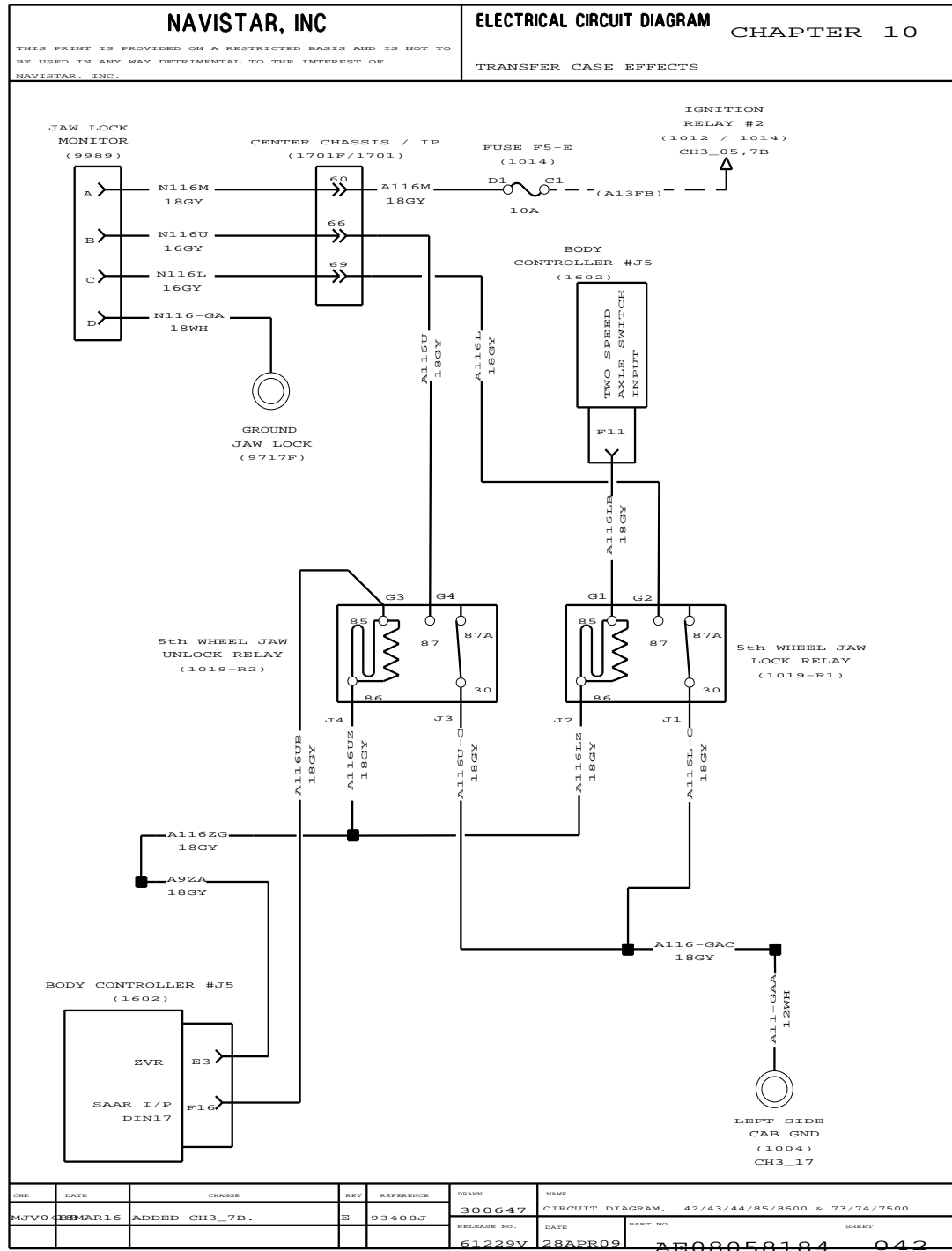


Figure 373 Transfer Case Effects

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

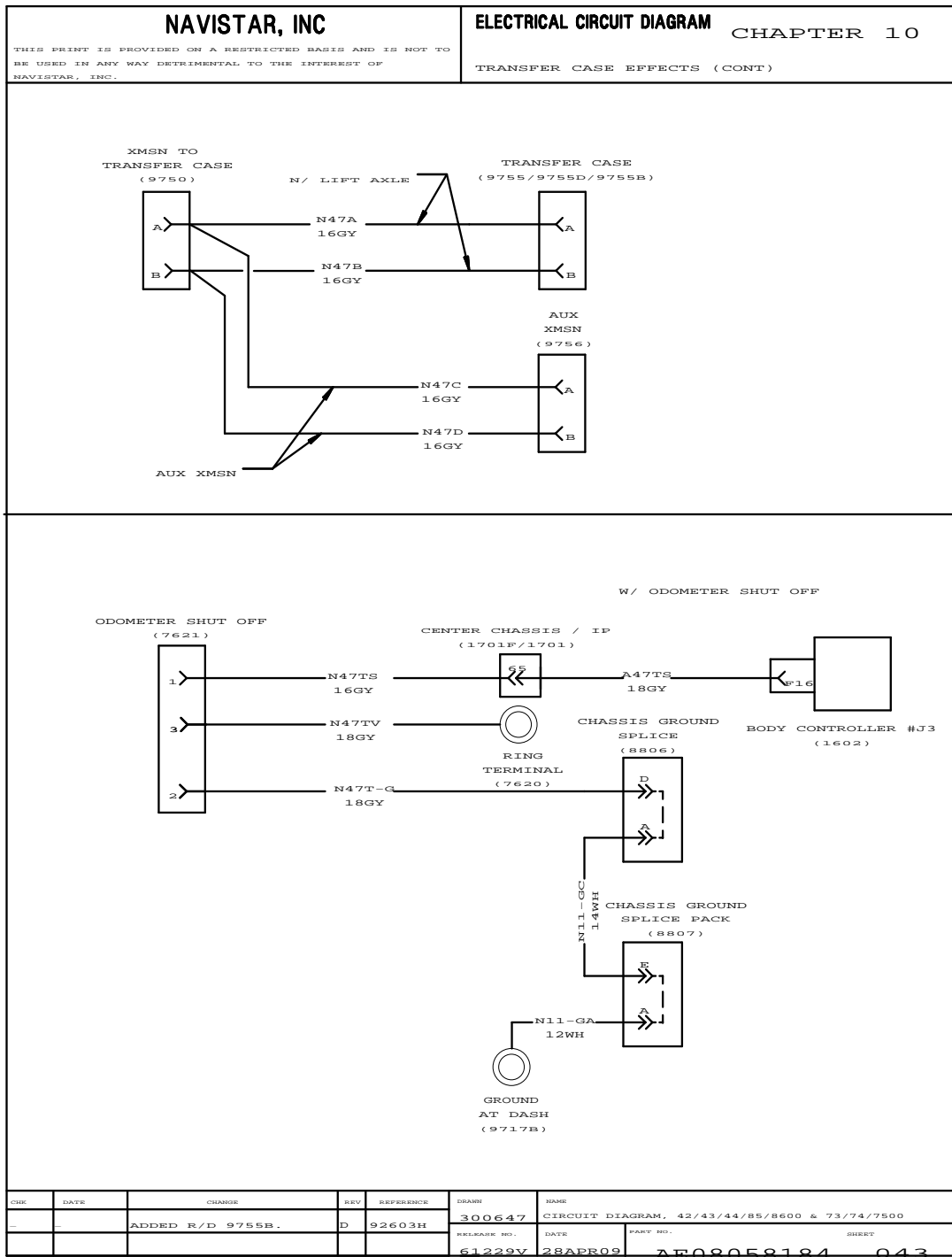


Figure 374 Transfer Case Effects (Cont.)

10.66. REMOTE START / STOP, P. 44

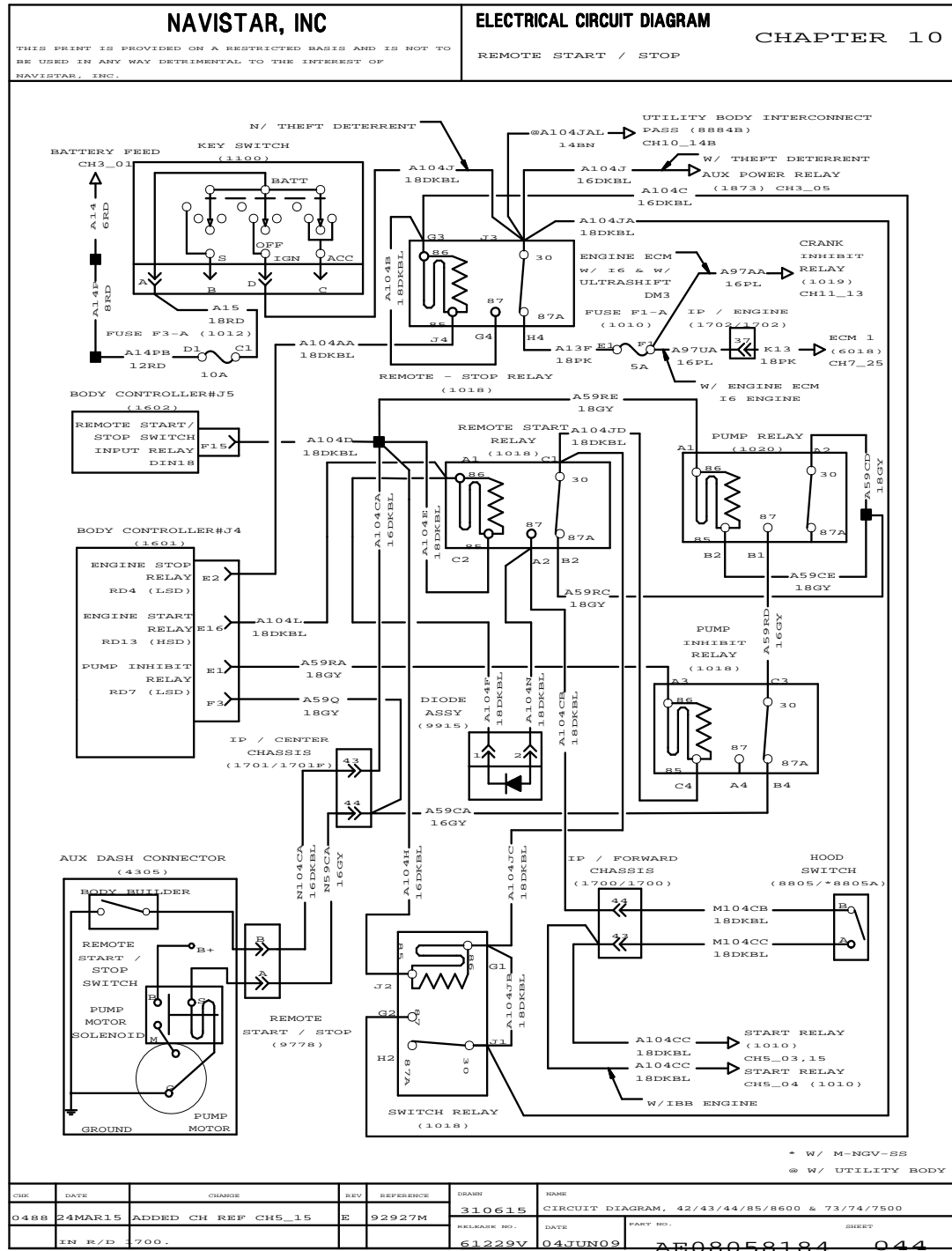


Figure 375 Remote Start / Stop

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.67. AUXILIARY AND POWER SOURCE, P. 45

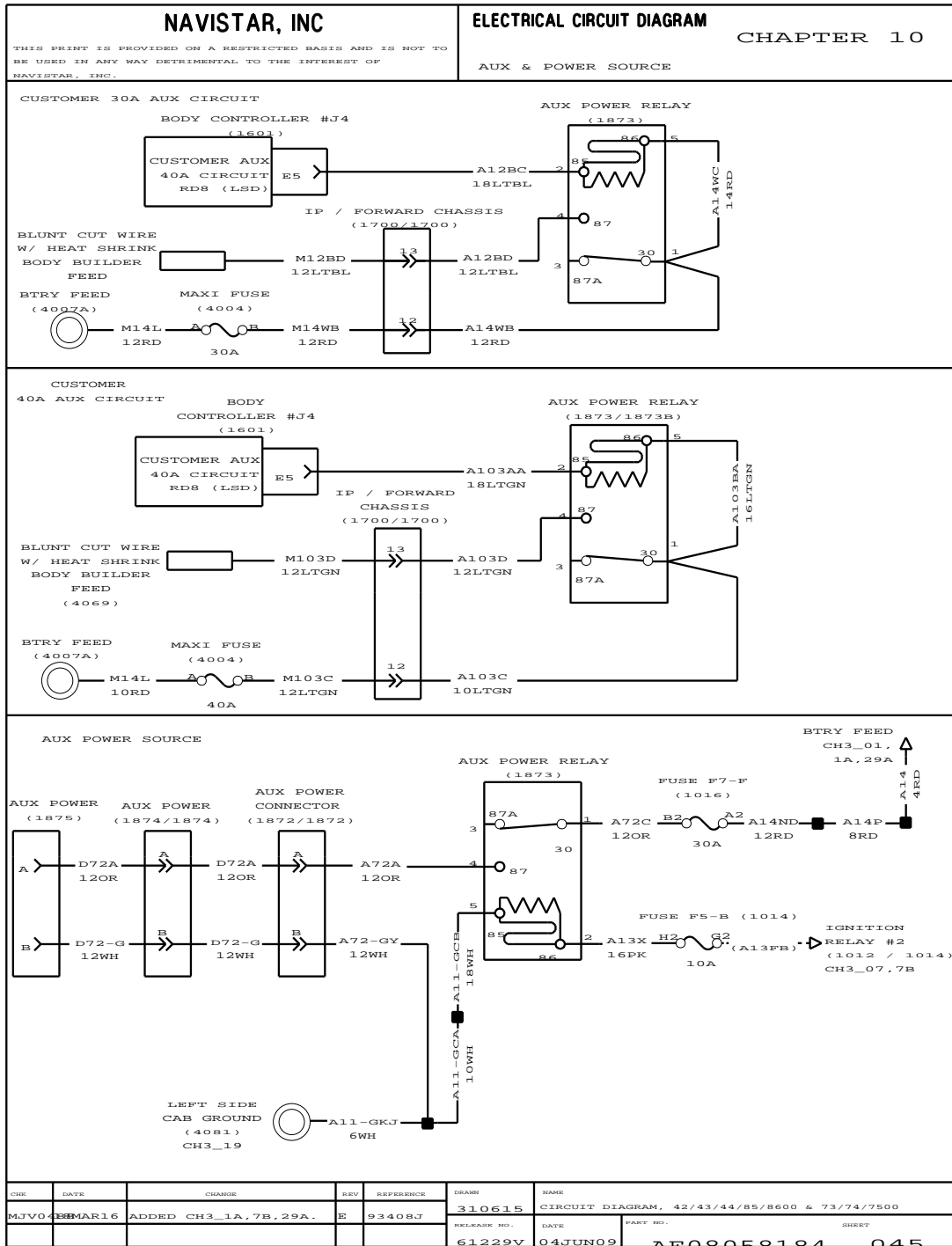


Figure 376 Auxiliary and Power Source

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

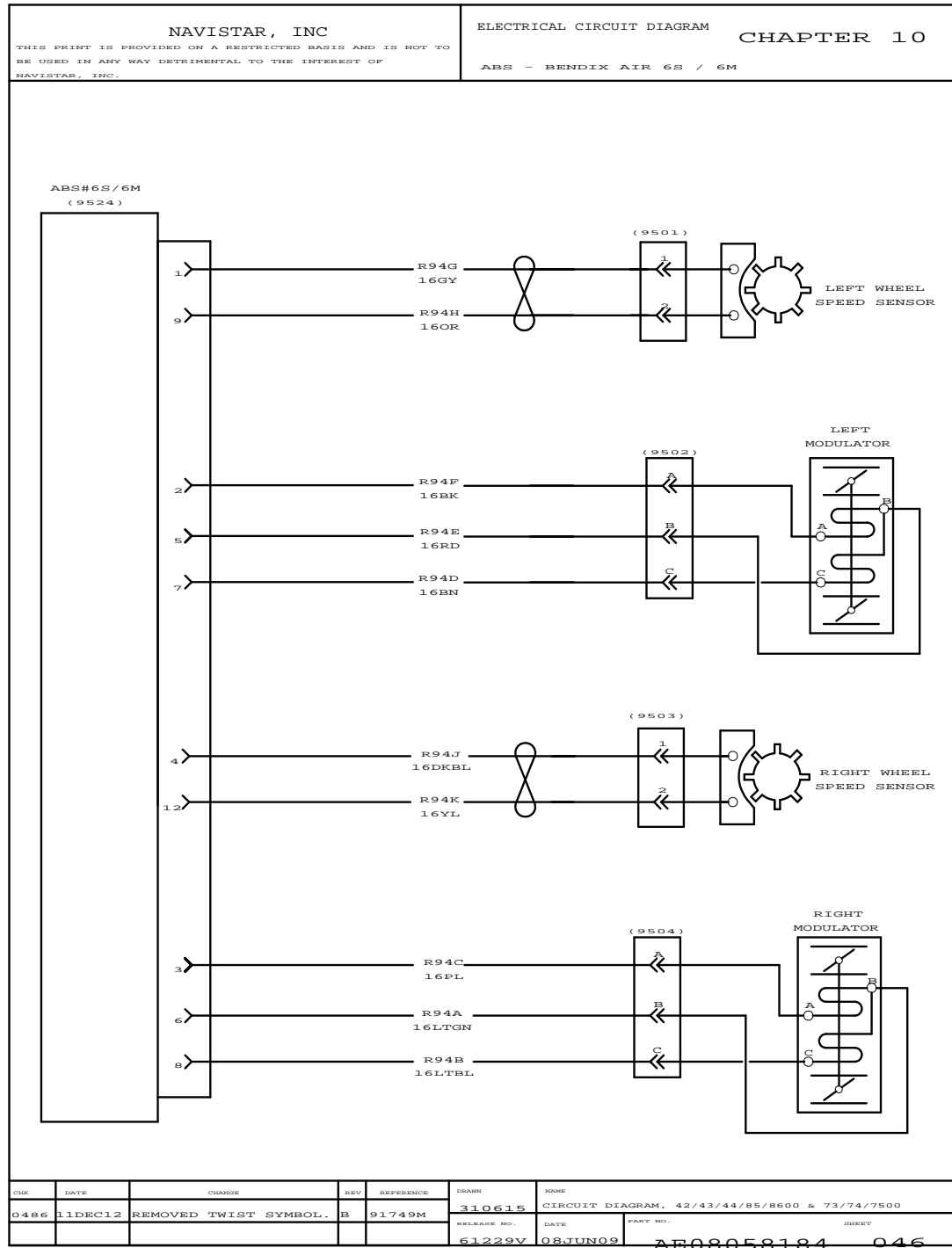


Figure 377 ABS – Bendix Air 6S / 6M

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

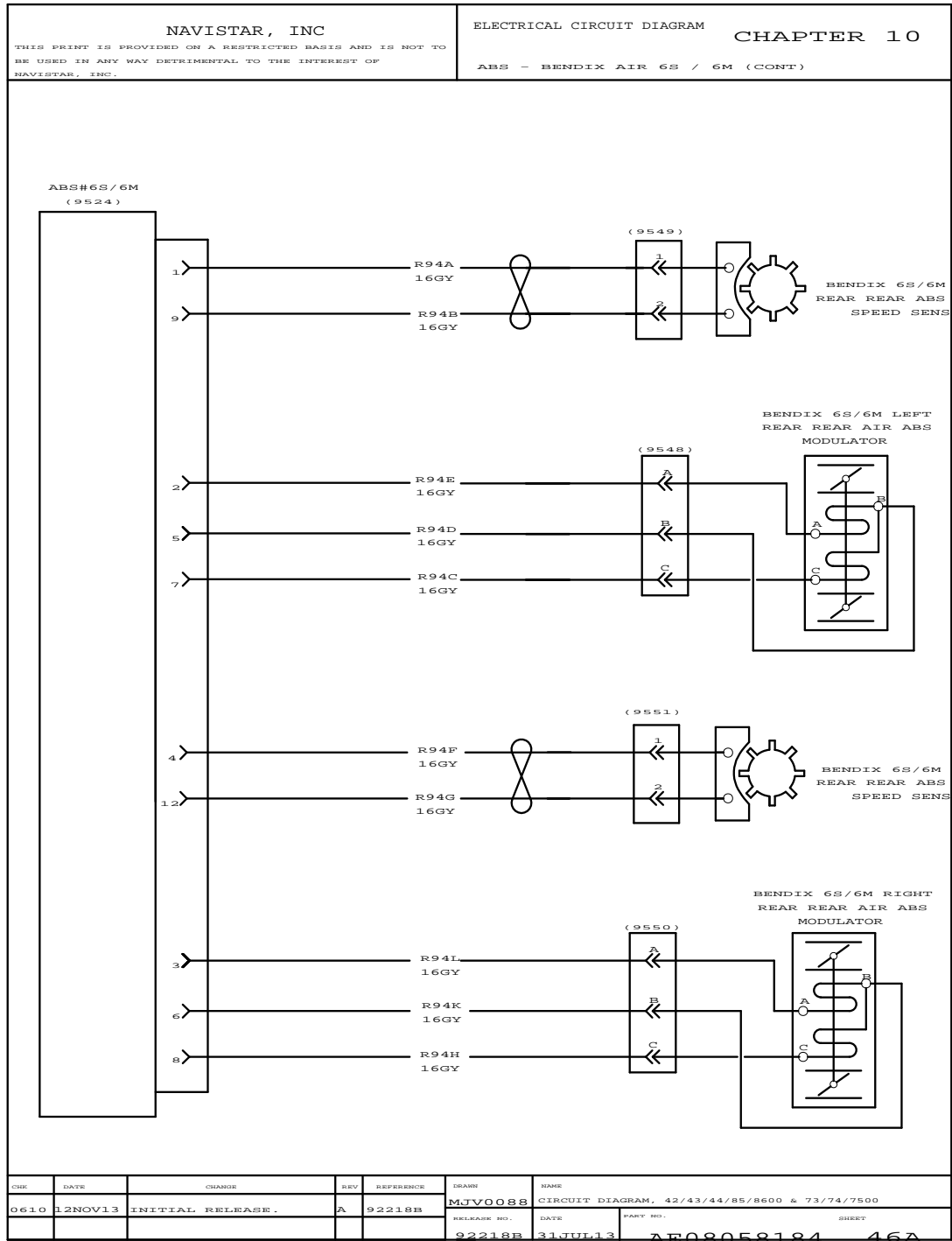


Figure 378 ABS – Bendix Air 6S / 6M (Cont.)

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

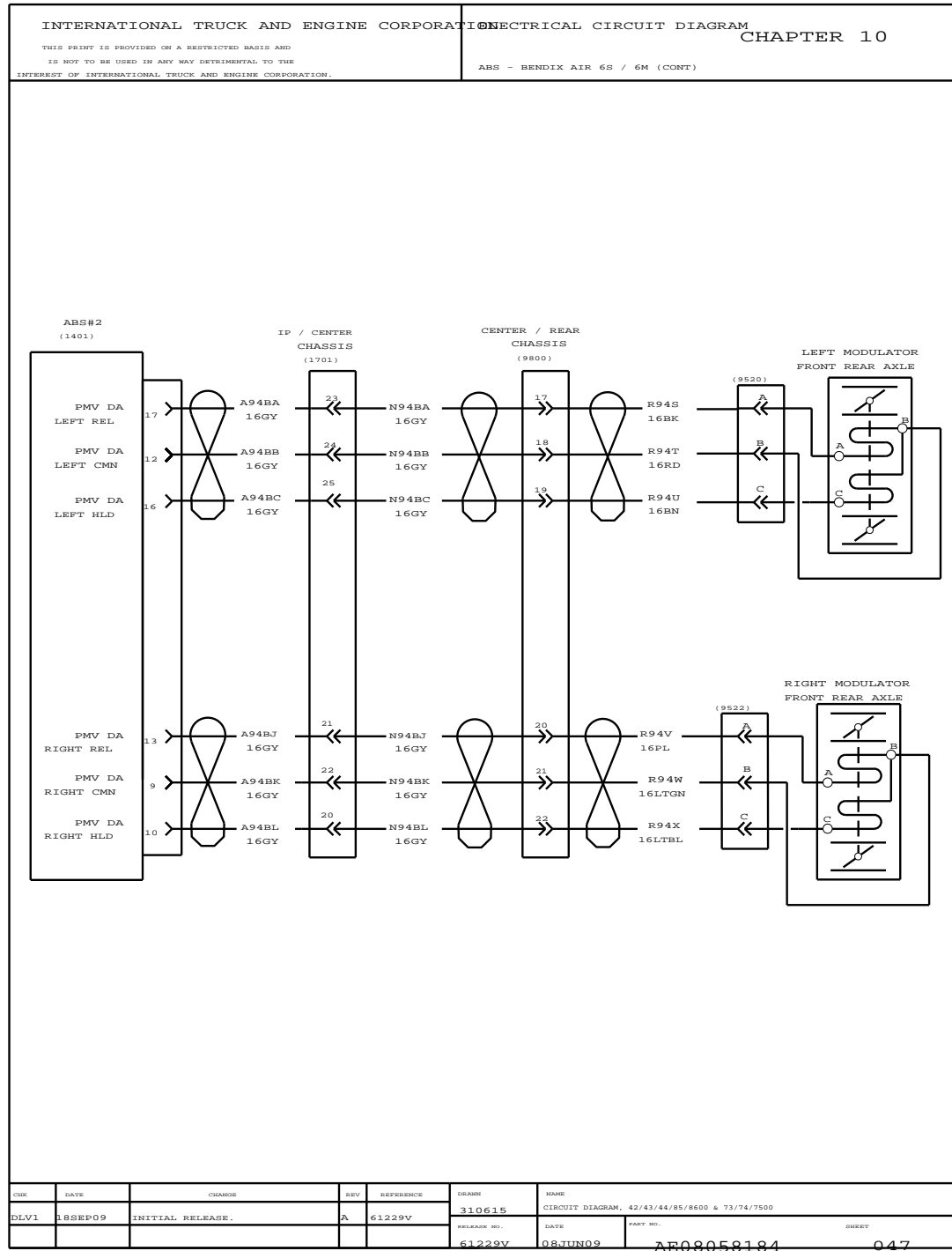


Figure 379 ABS – Bendix Air 6S / 6M (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.71. AC CONDENSER EFFECTS, P. 48

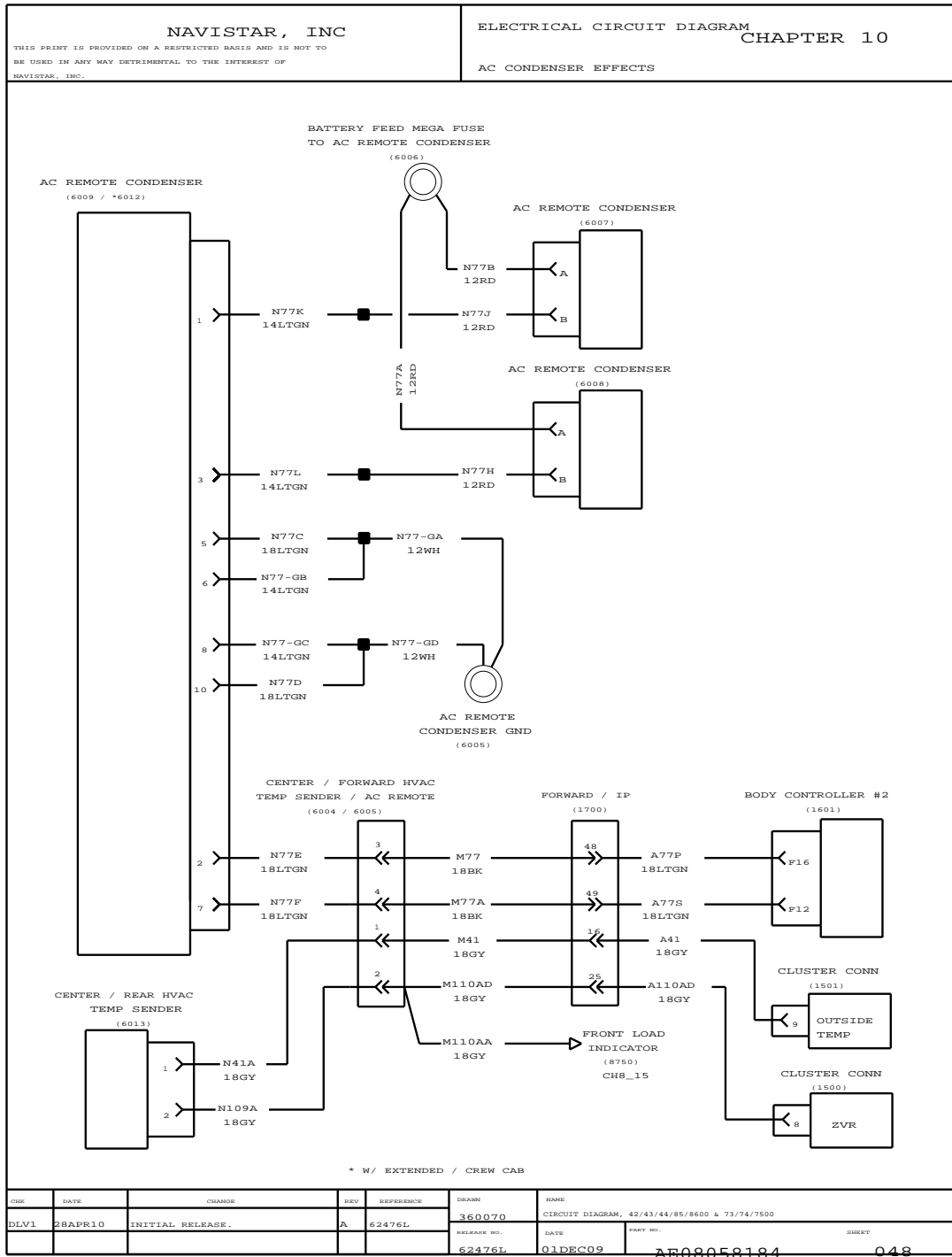


Figure 380 AC Condenser Effects

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

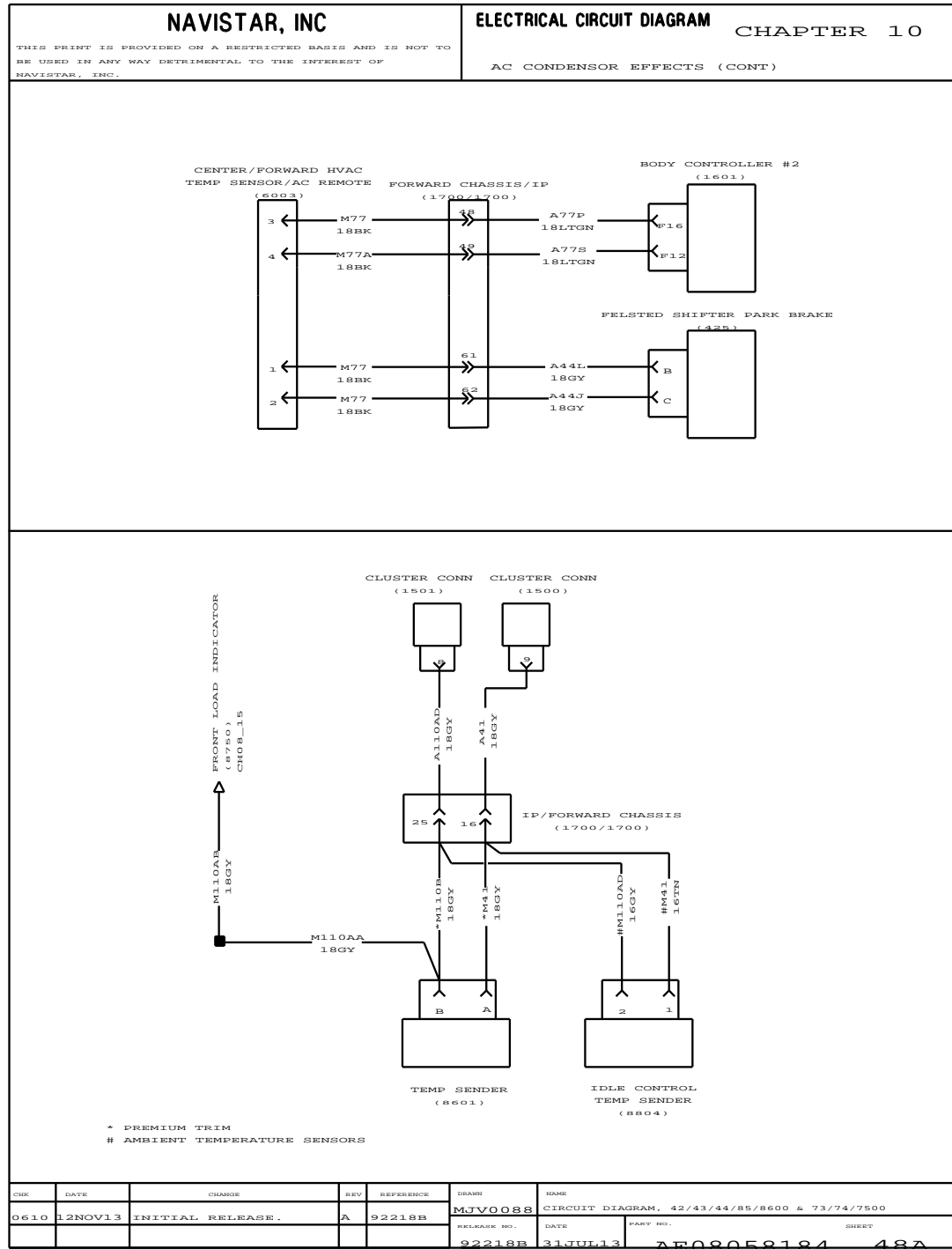


Figure 381 AC Condenser Effects (Cont.)

10.74. TSS POWER, P. 50

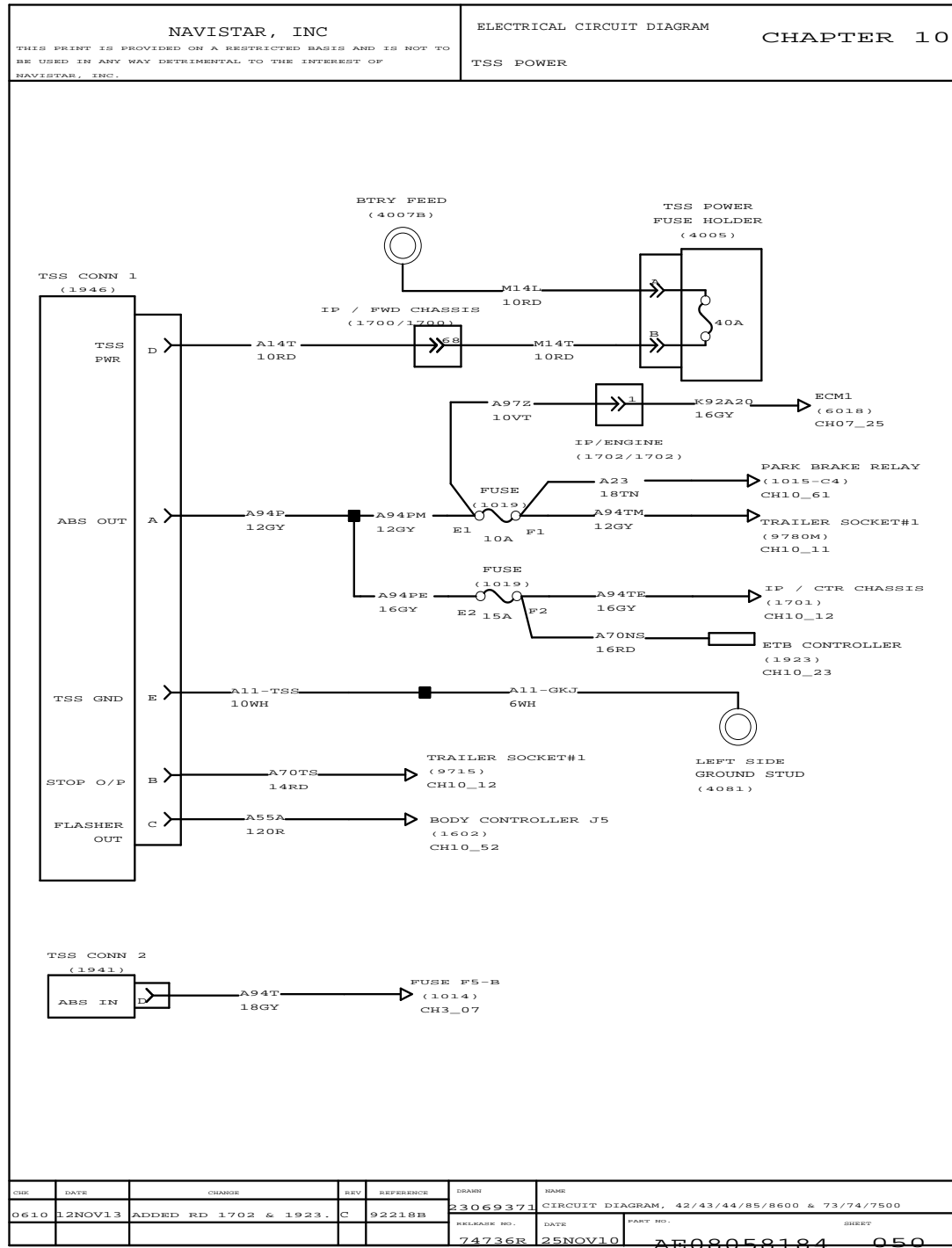


Figure 383 TSS Power

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.76. TSS TURN LIGHT, P. 52

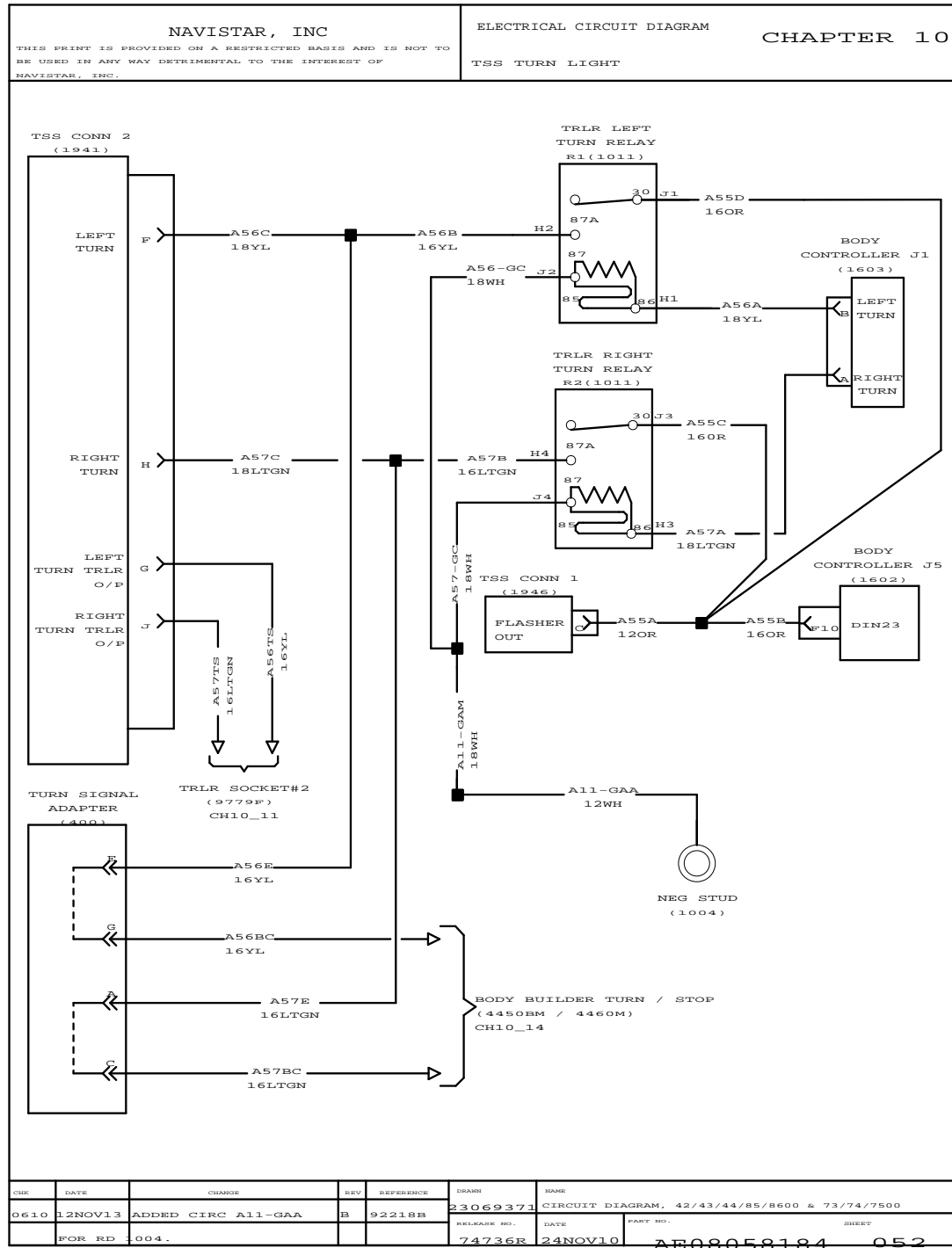


Figure 385 TSS Turn Light

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

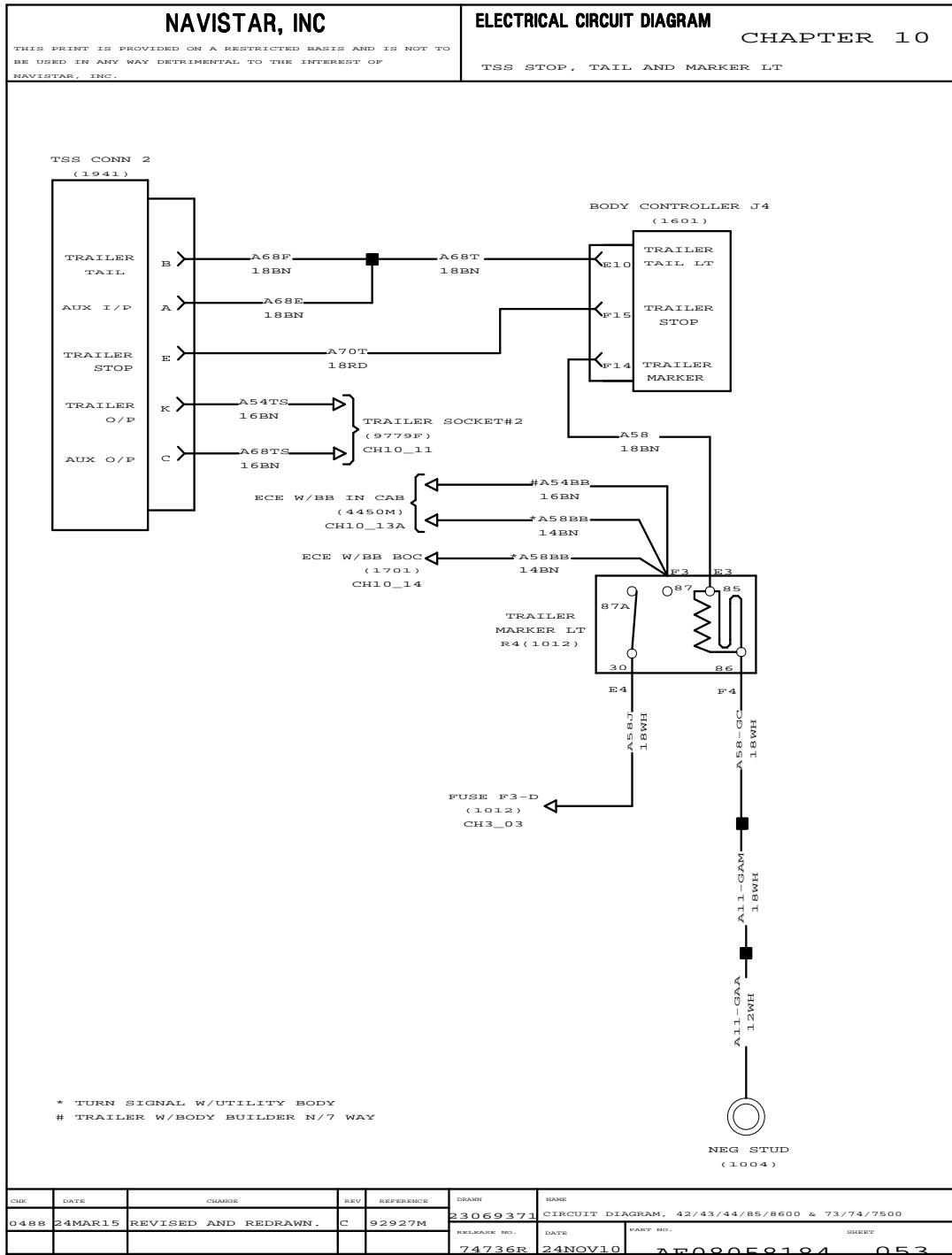


Figure 386 TSS Stop, Tail and Marker Light

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

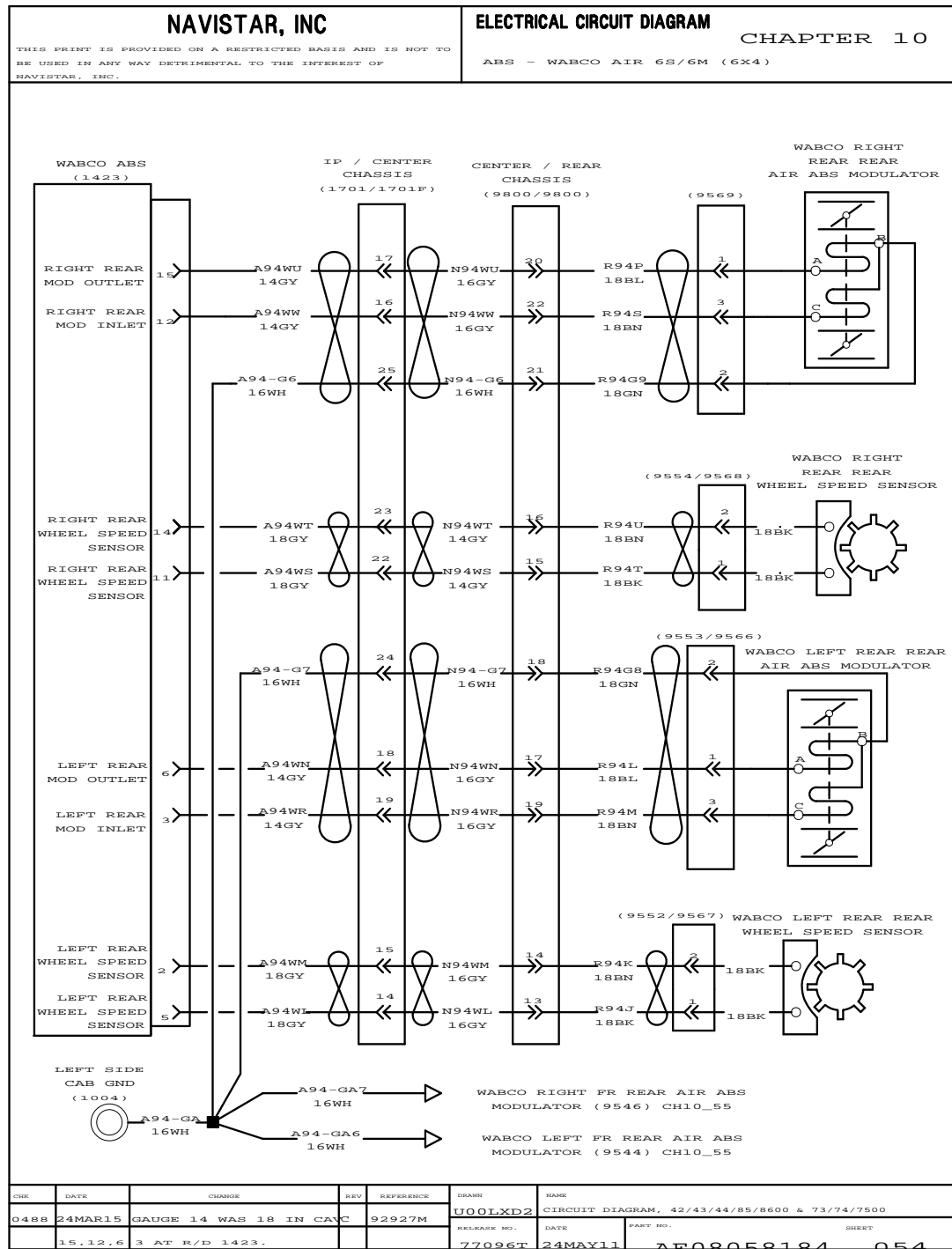


Figure 387 ABS – WABCO Air 6S / 6M (6X4)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

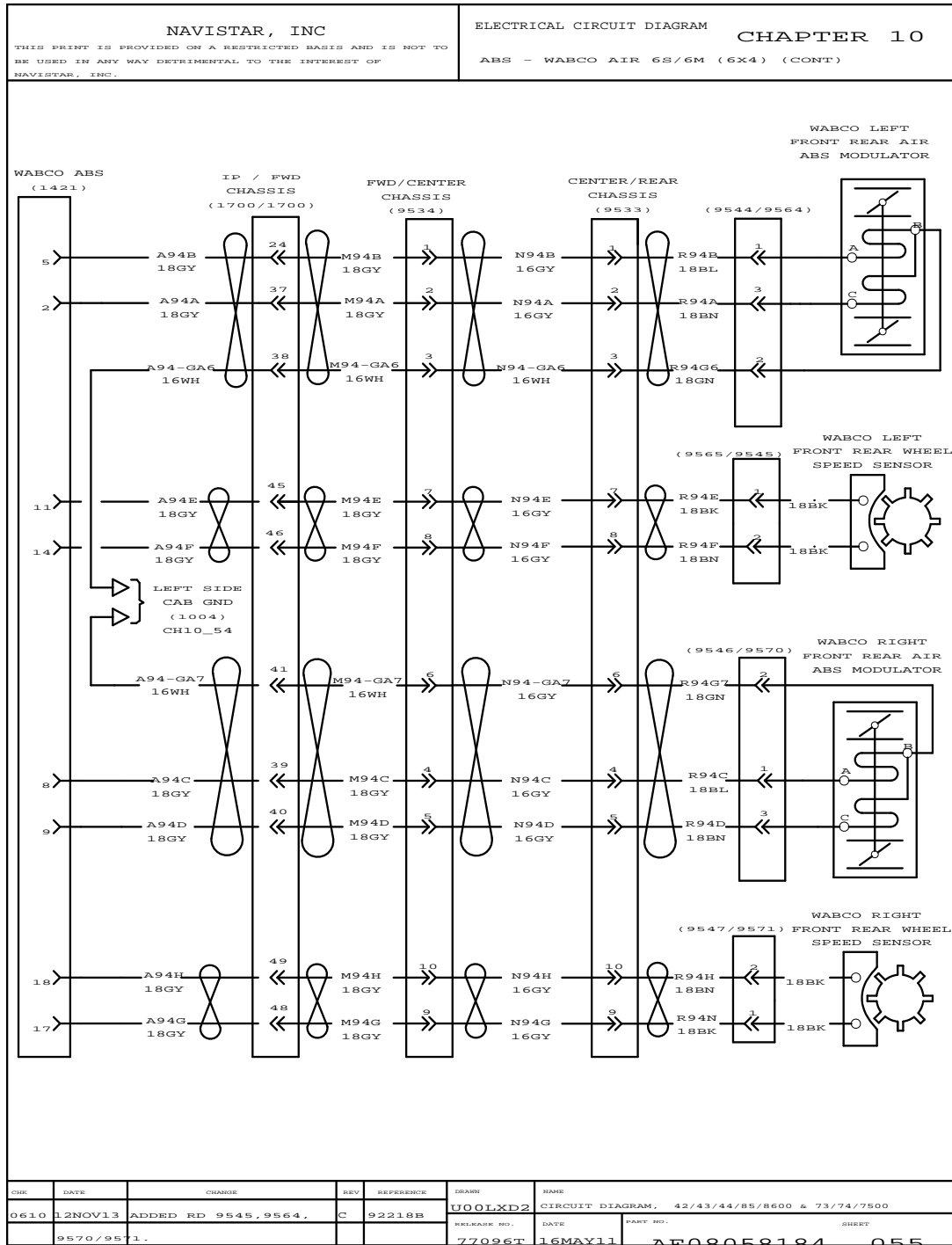


Figure 388 ABS – WABCO Air 6S/6M (6X4) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

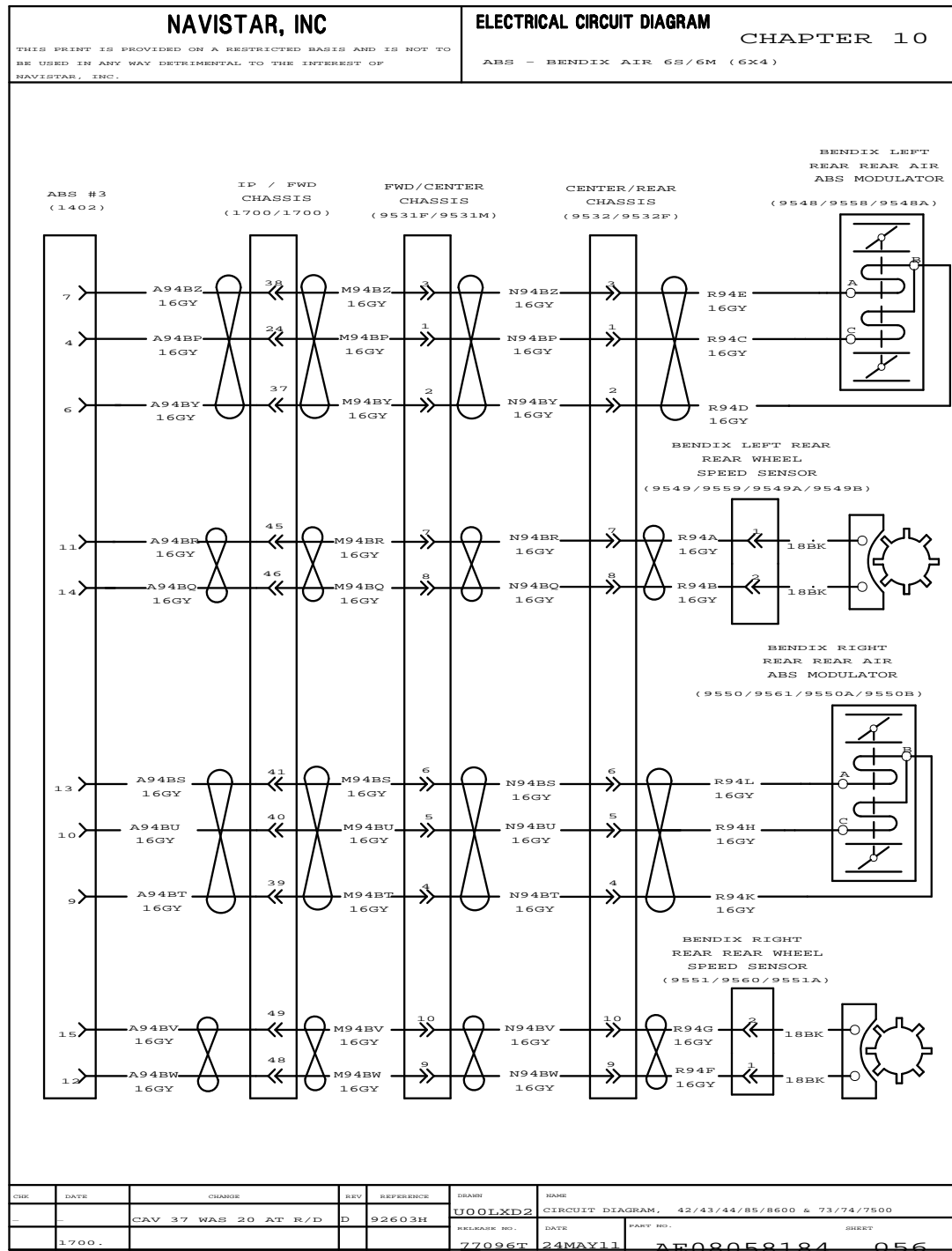


Figure 389 ABS – Bendix Air 6S / 6M (6X4)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

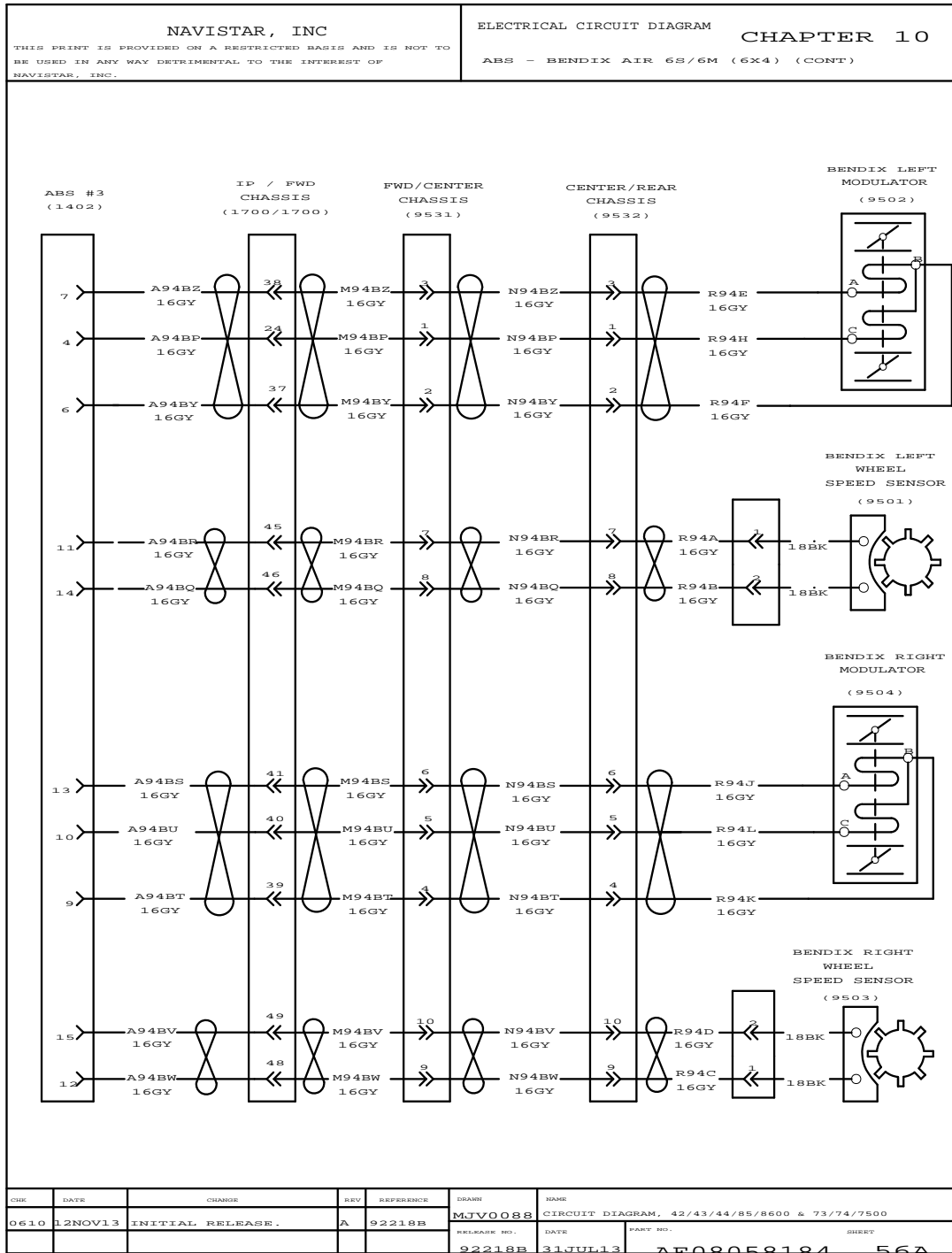


Figure 390 ABS – Bendix Air 6S / 6M (6X4) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

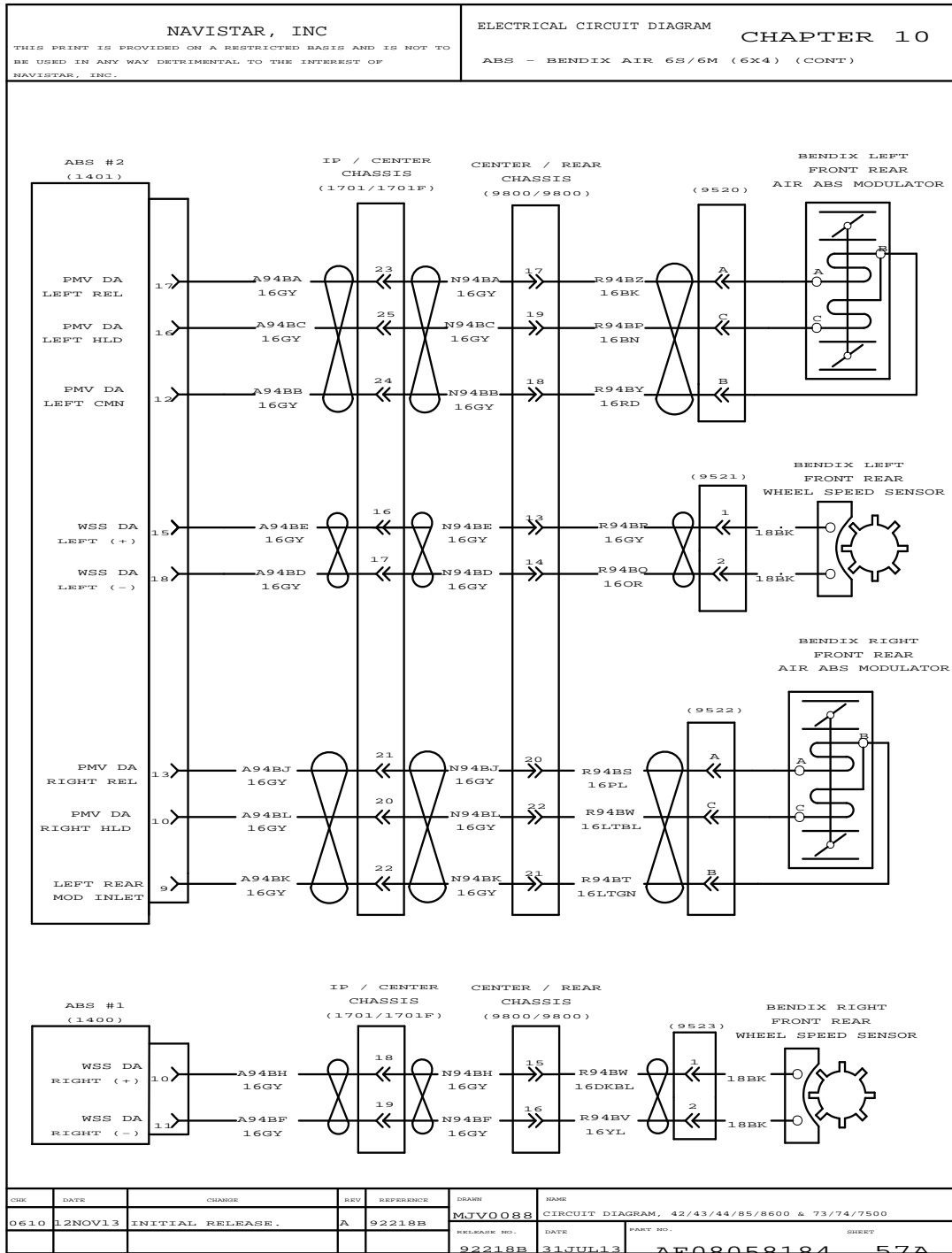


Figure 392 ABS – Bendix Air 6S / 6M (6X4) (Cont.)

10.84. SCR SYSTEM, P. 58

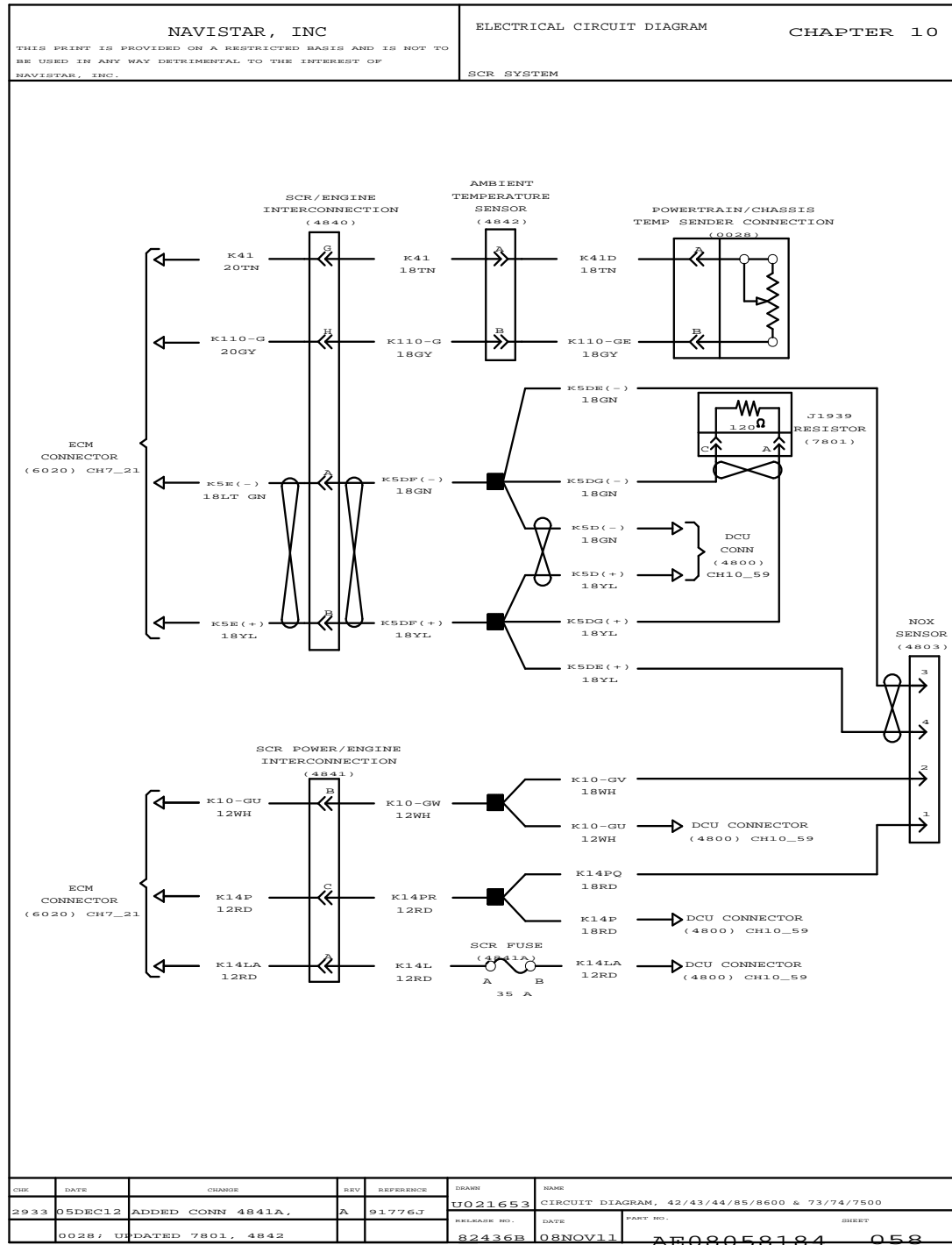


Figure 393 SCR System

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

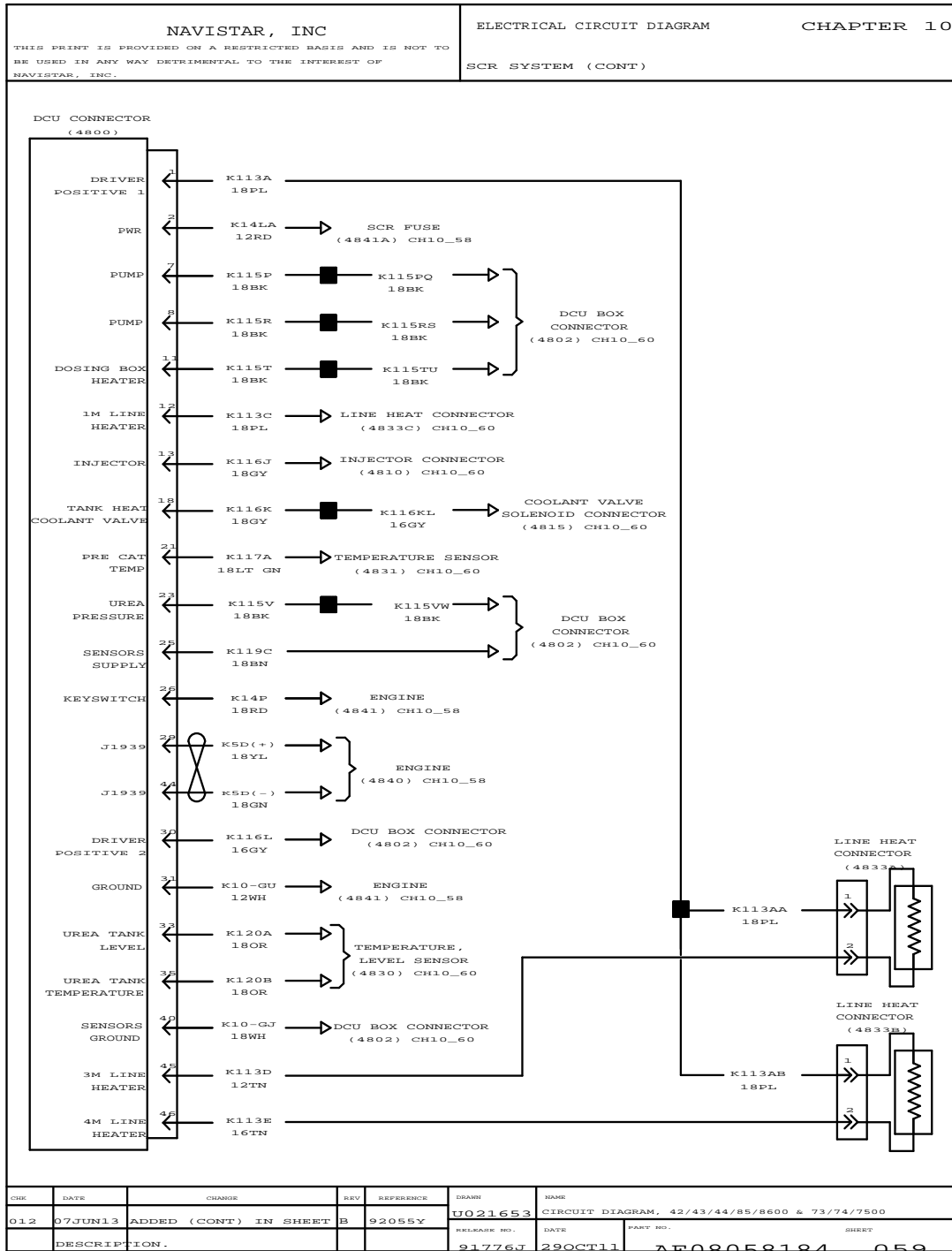


Figure 394 SCR System (Cont.)

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

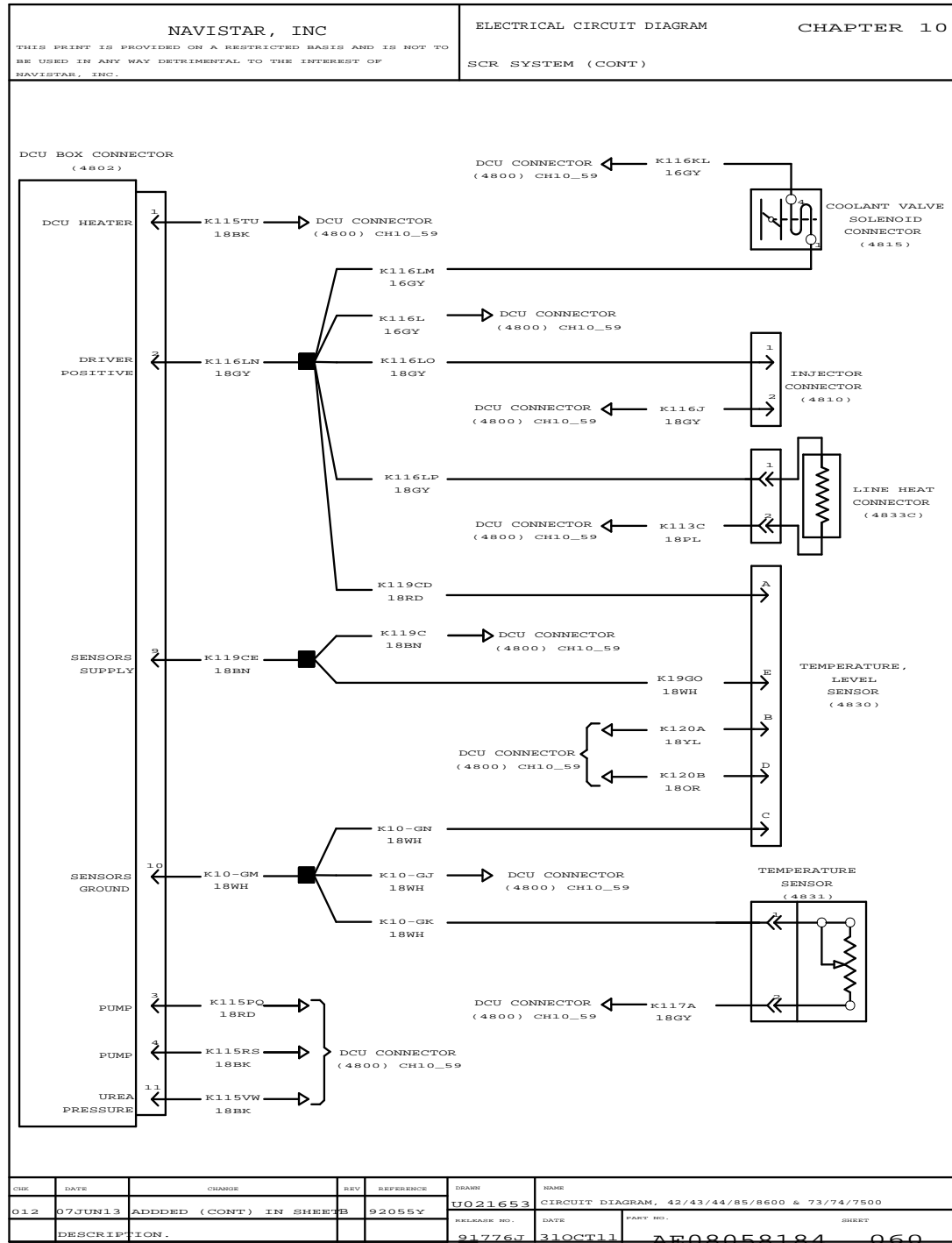


Figure 395 SCR System (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.87. LIFT AXLE – 6X2, P. 61

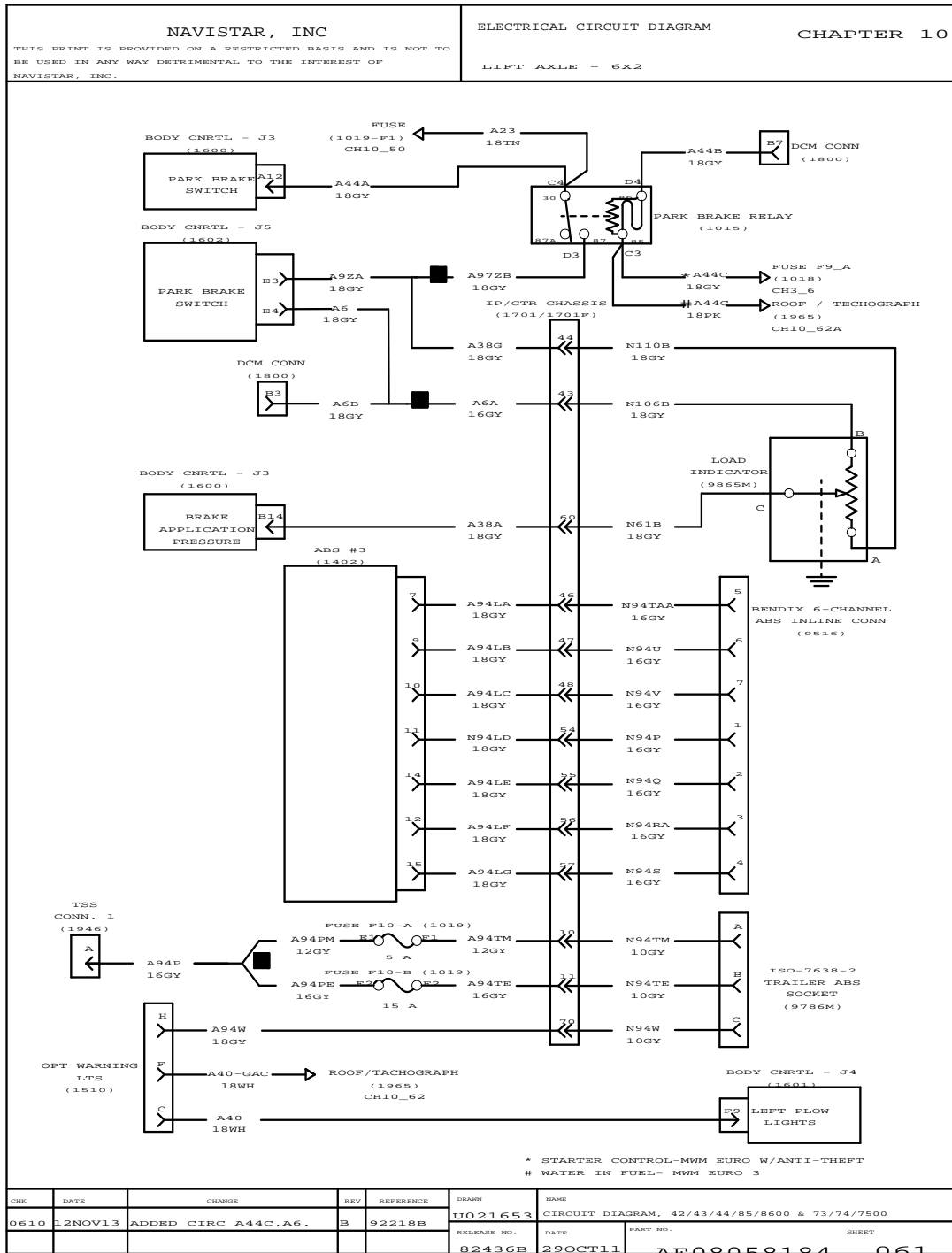


Figure 396 Lift Axle – 6X2

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

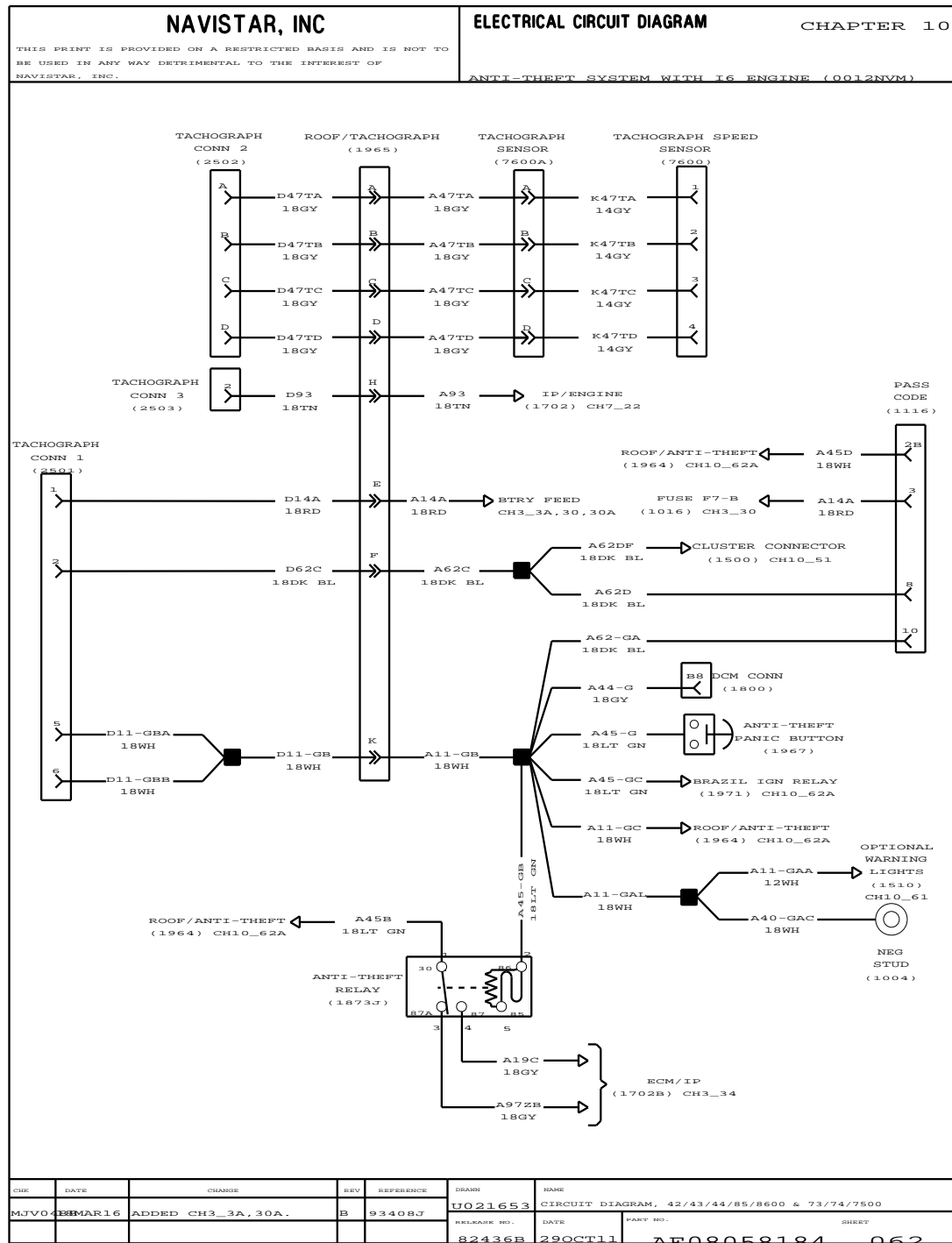


Figure 397 Anti-Theft System with I6 Engine (0012NVM)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

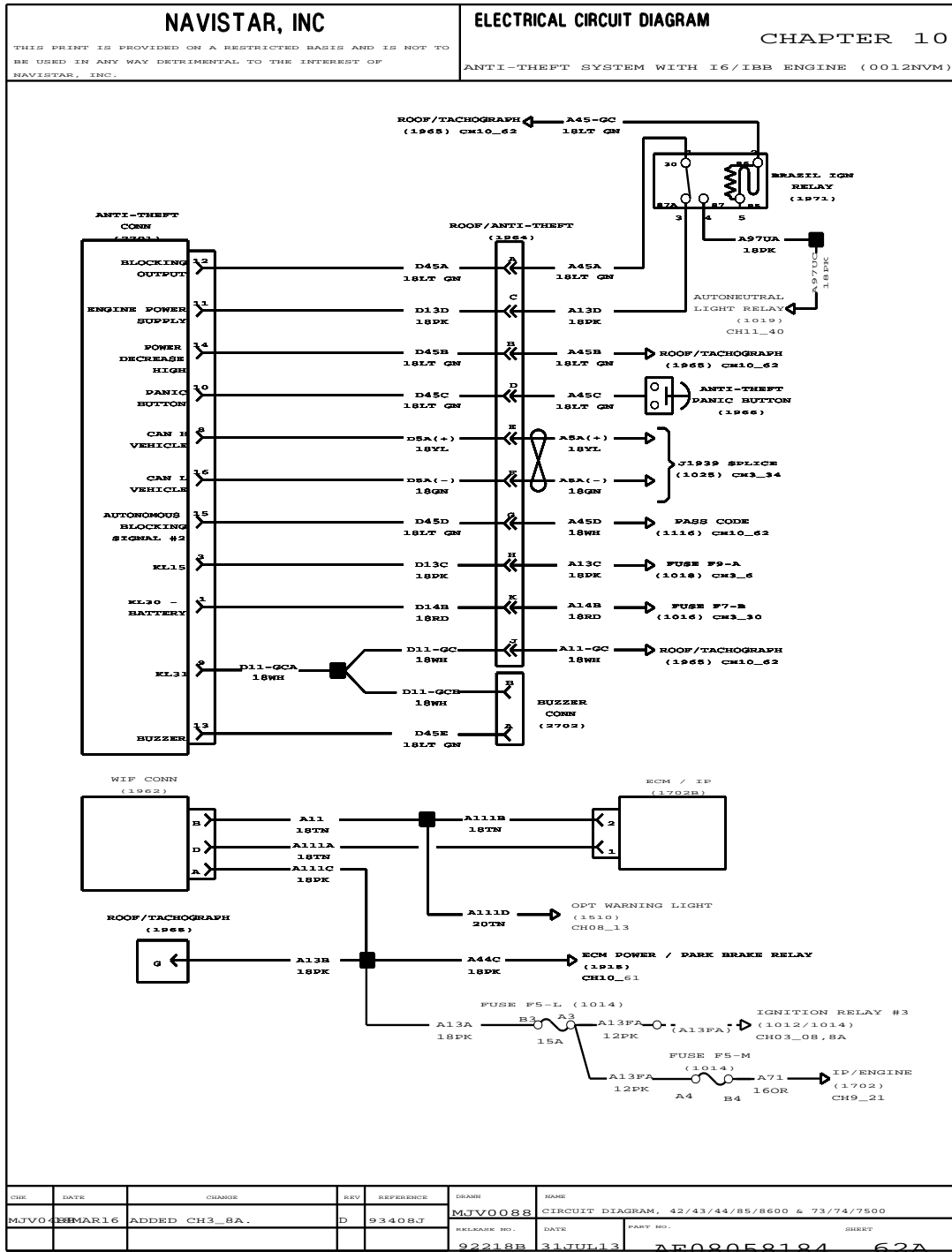


Figure 398 Anti-Theft System with I6 Engine (0012NVM)

10.90. DIAGNOSTIC FLASHER MODULE, P. 63

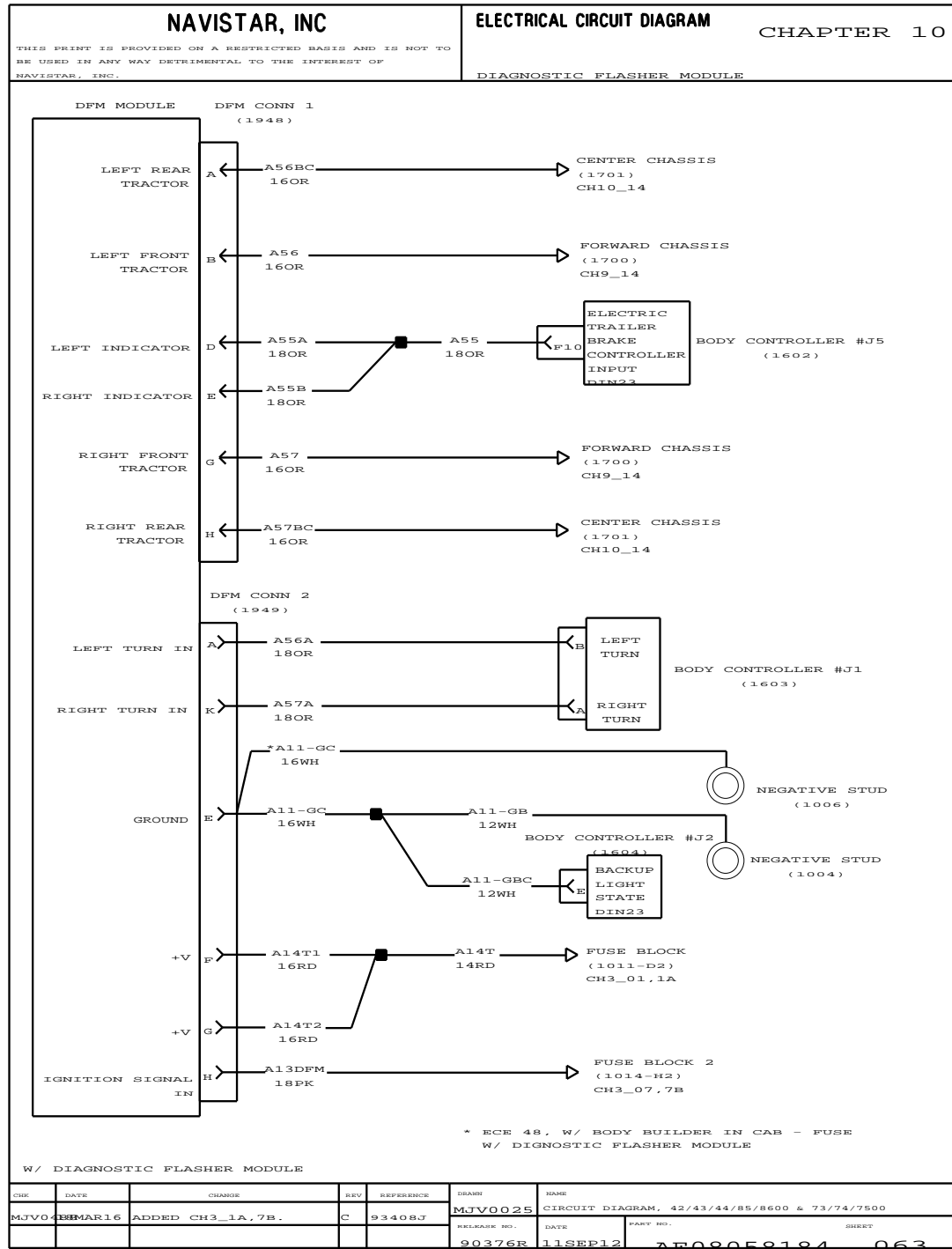


Figure 399 Diagnostic Flasher Module

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

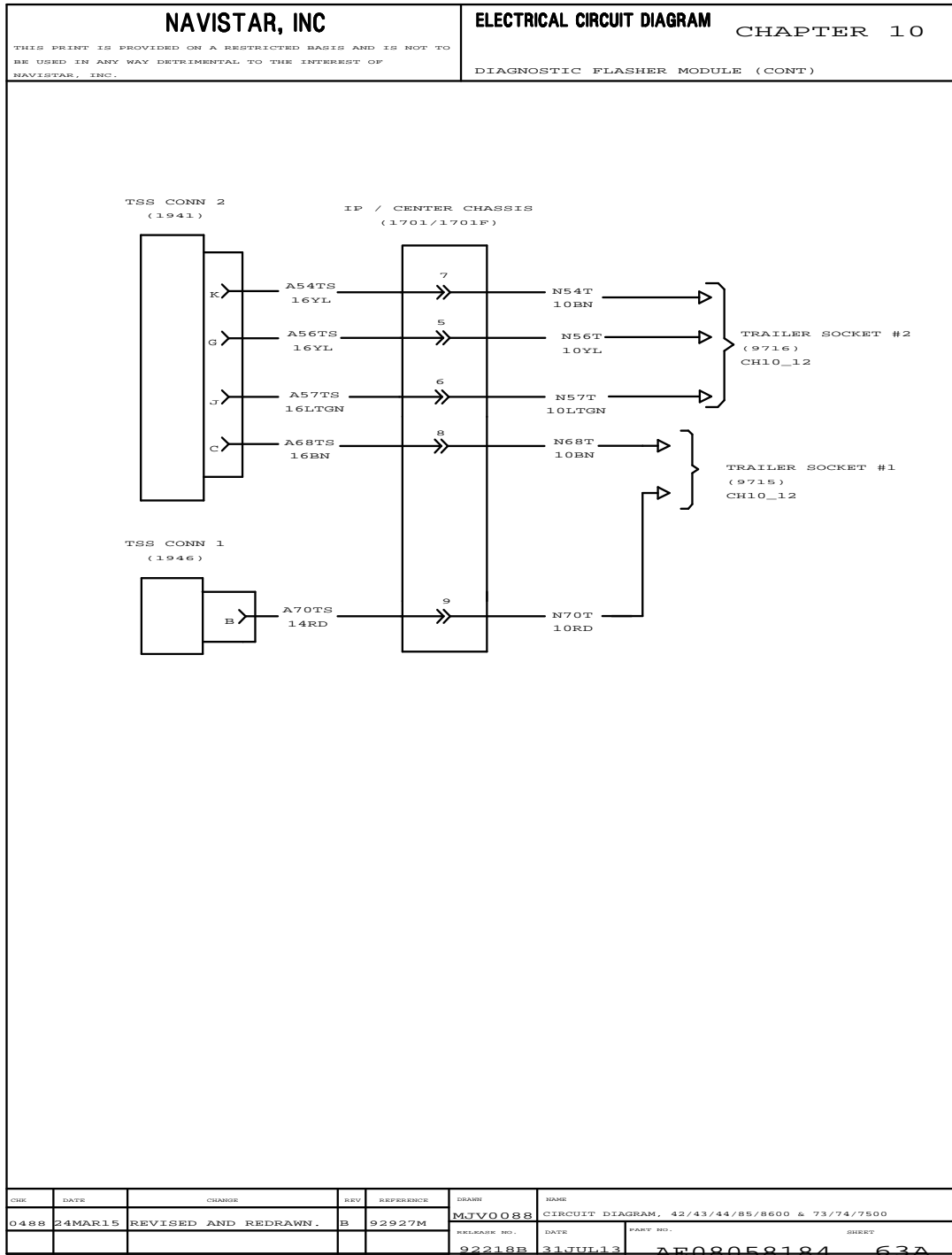


Figure 400 Diagnostic Flasher Module (Cont.)

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

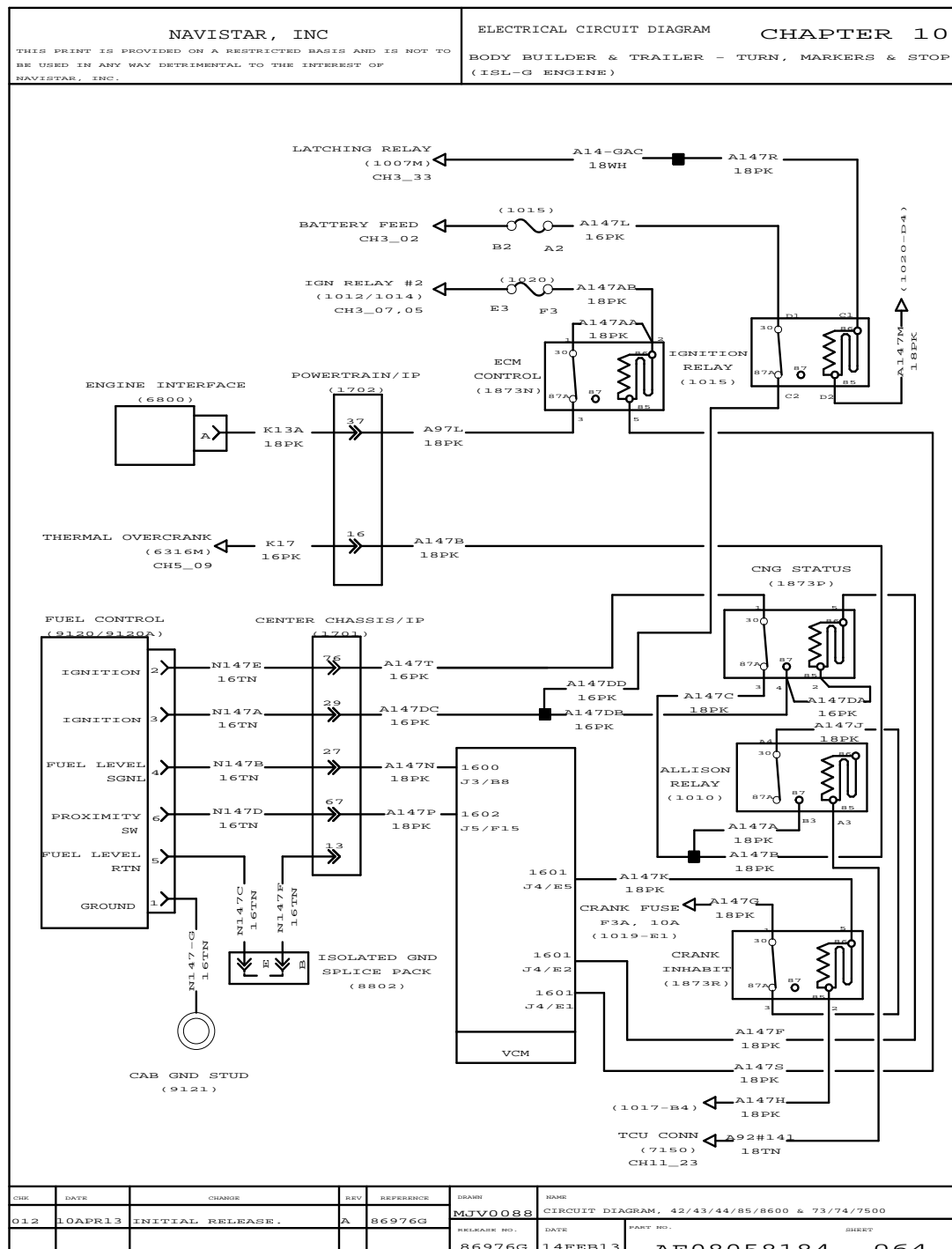


Figure 401 Body Builder and Trailer – Turn, Markers and Stop (ISL-G Engine)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.93. ULTRASHIFT BODYBUILDER WIRING, P. 65

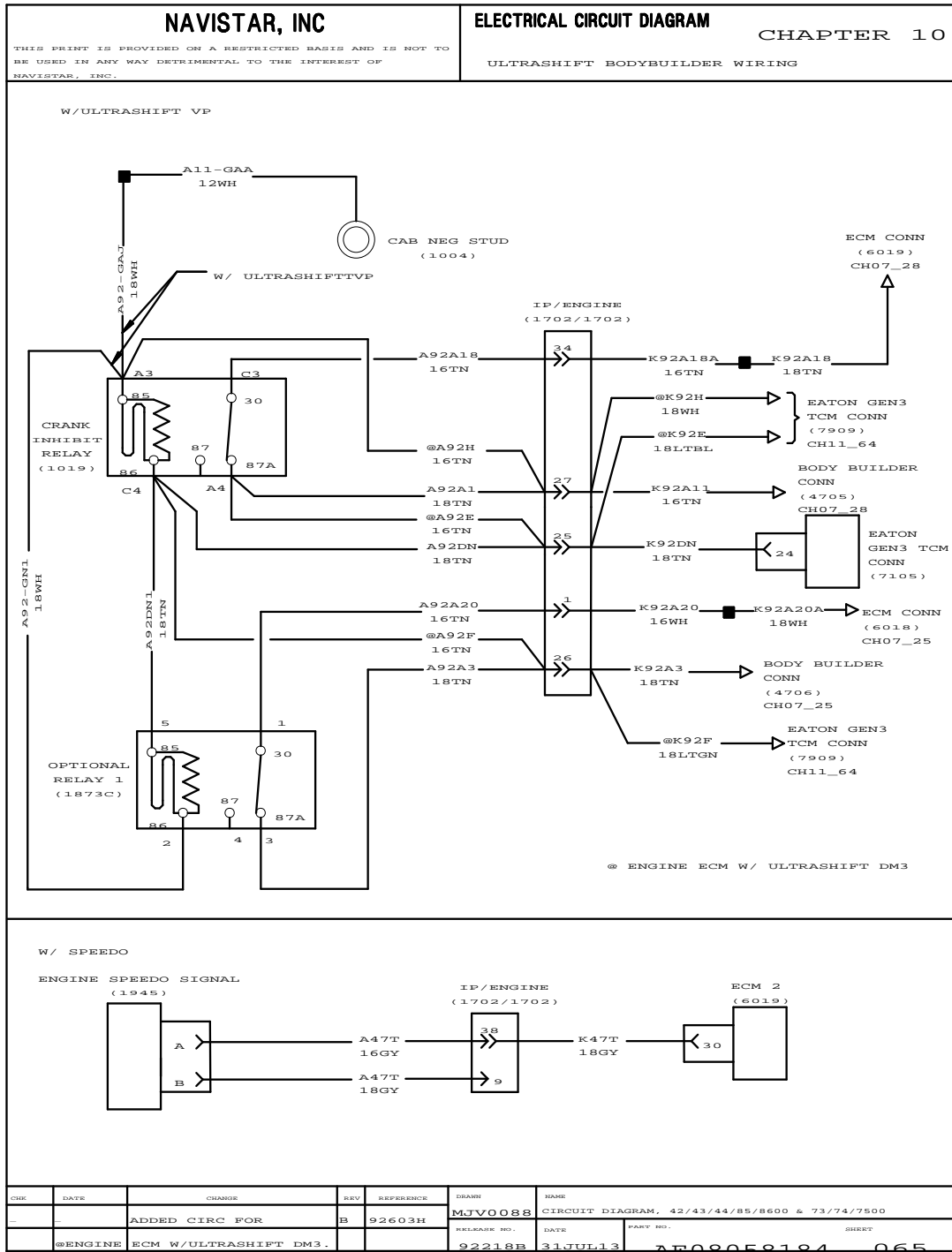


Figure 402 Ultrashift BodyBuilder Wiring

10.94. TRW ABS BRAKES, P. 66

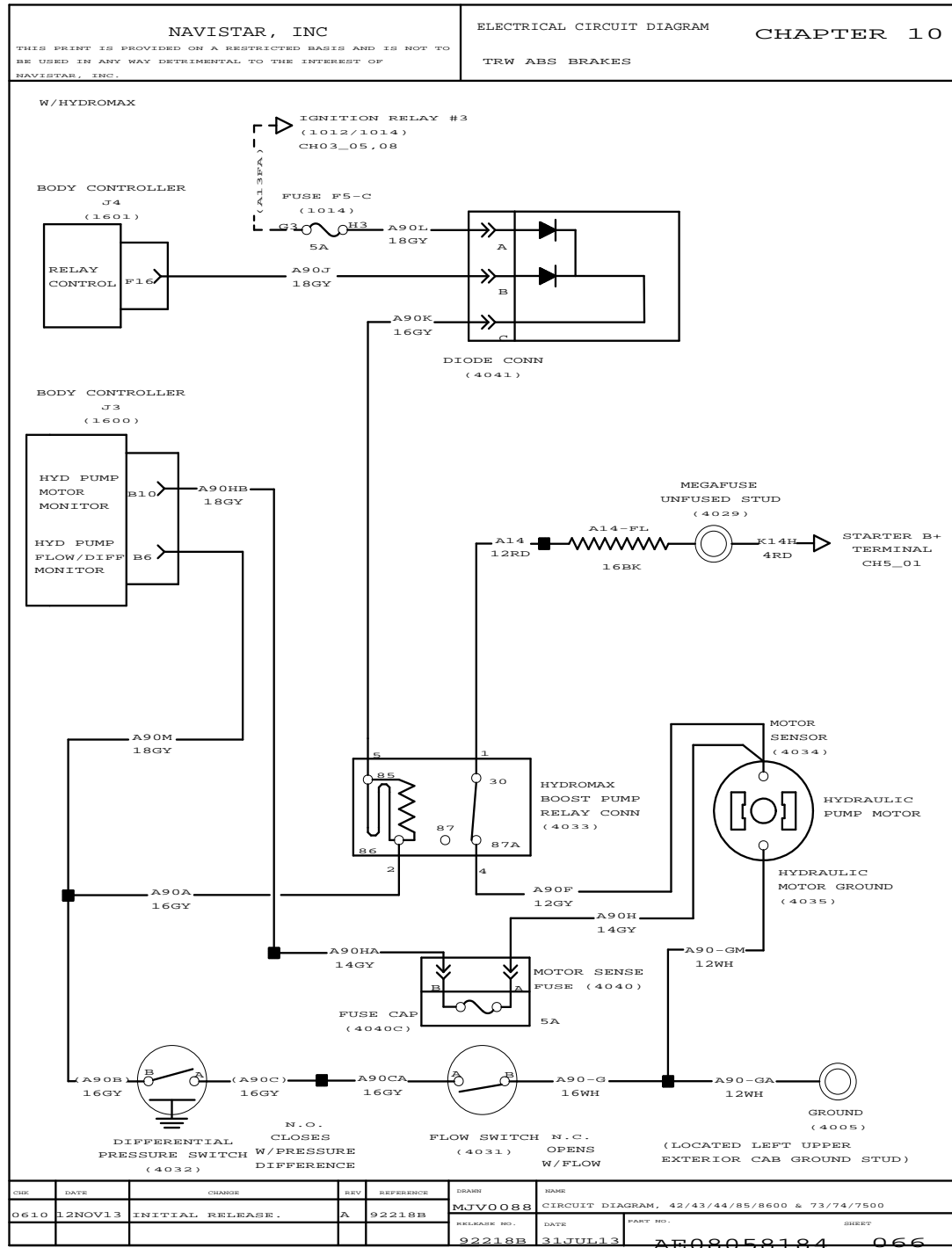


Figure 403 TRW ABS Brakes

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

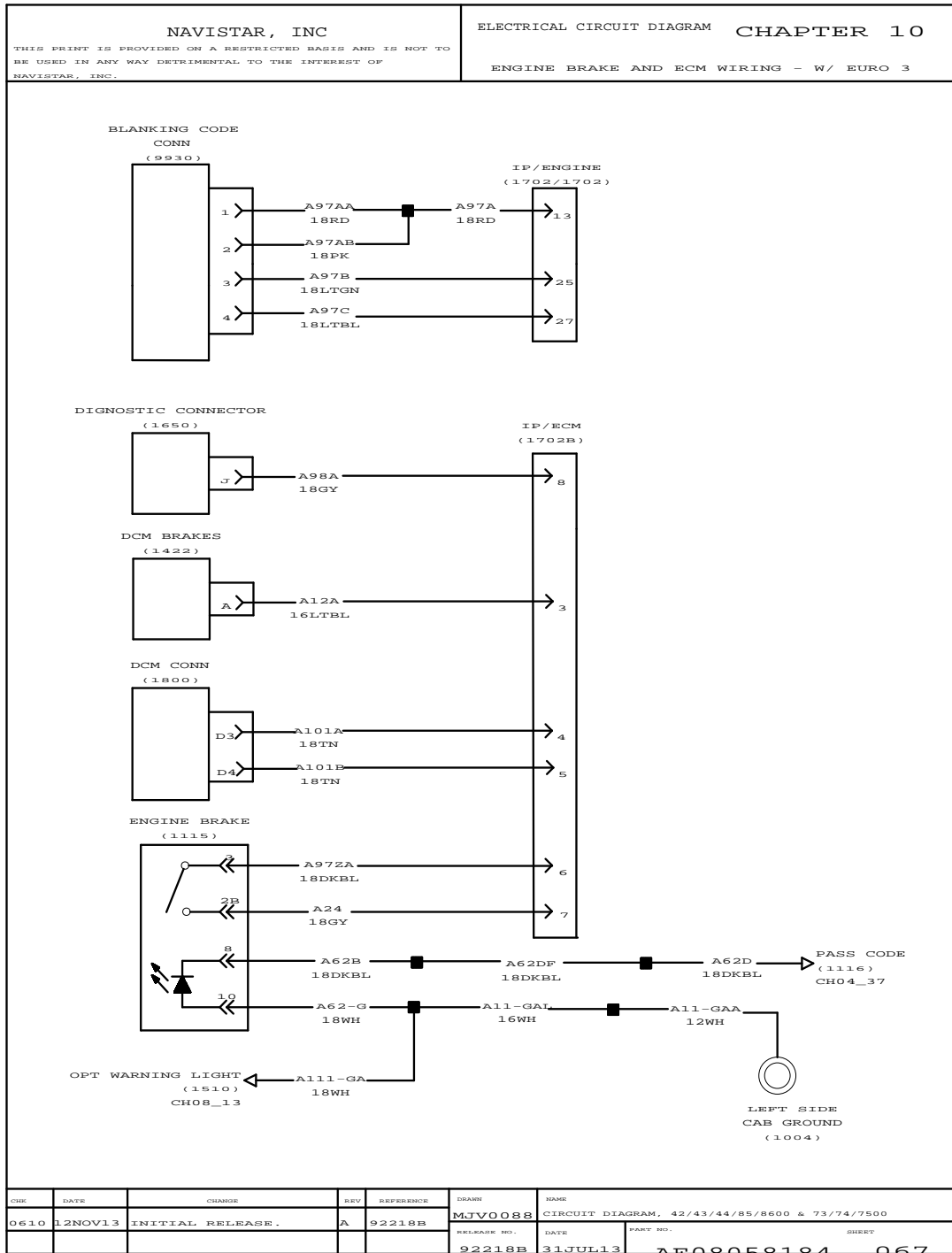


Figure 404 Engine Brake and ECM Wiring – with Euro 3

10.96. IDLE CONTROL TEMPERATURE SENSOR, P. 68

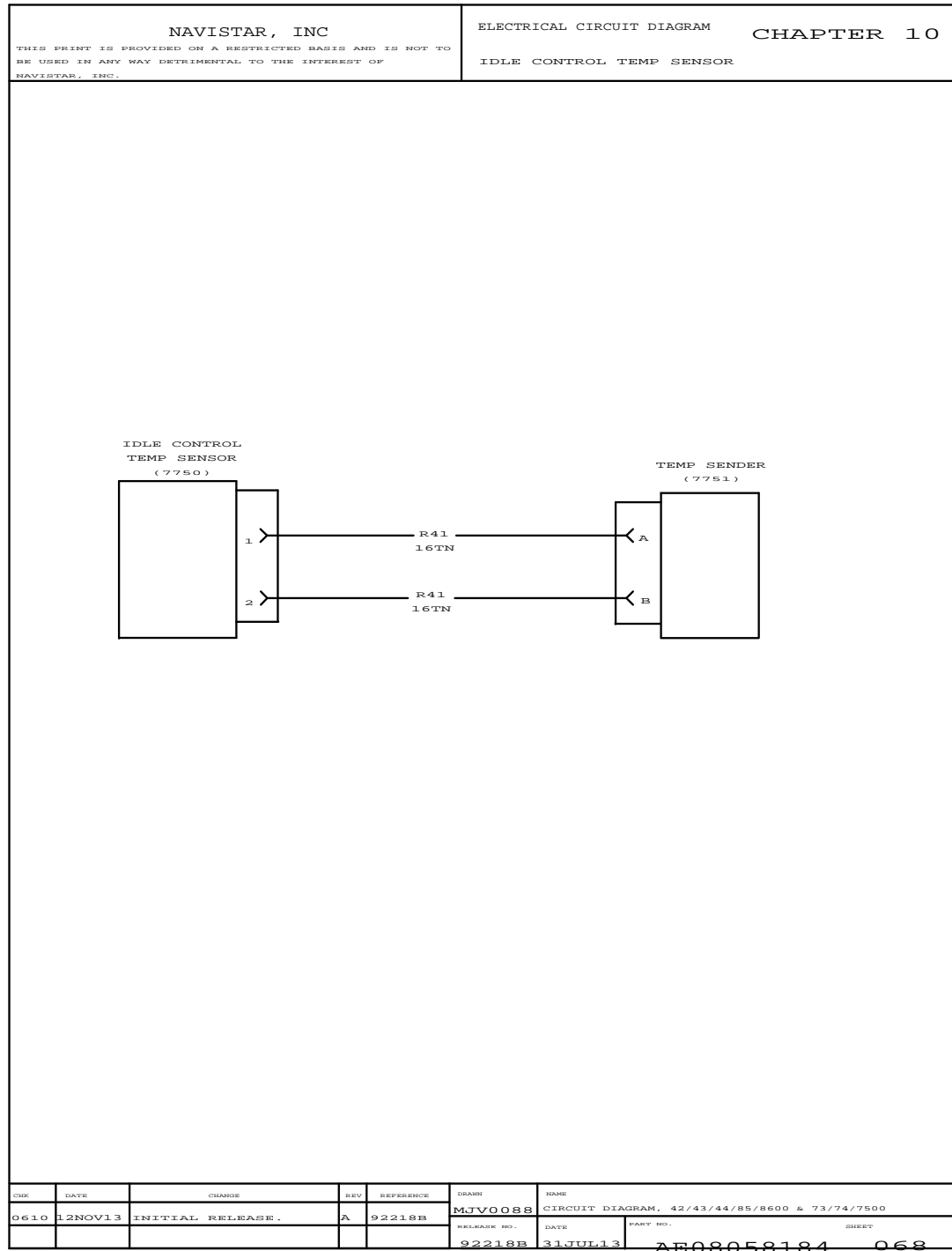


Figure 405 Idle Control Temperature Sensor

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

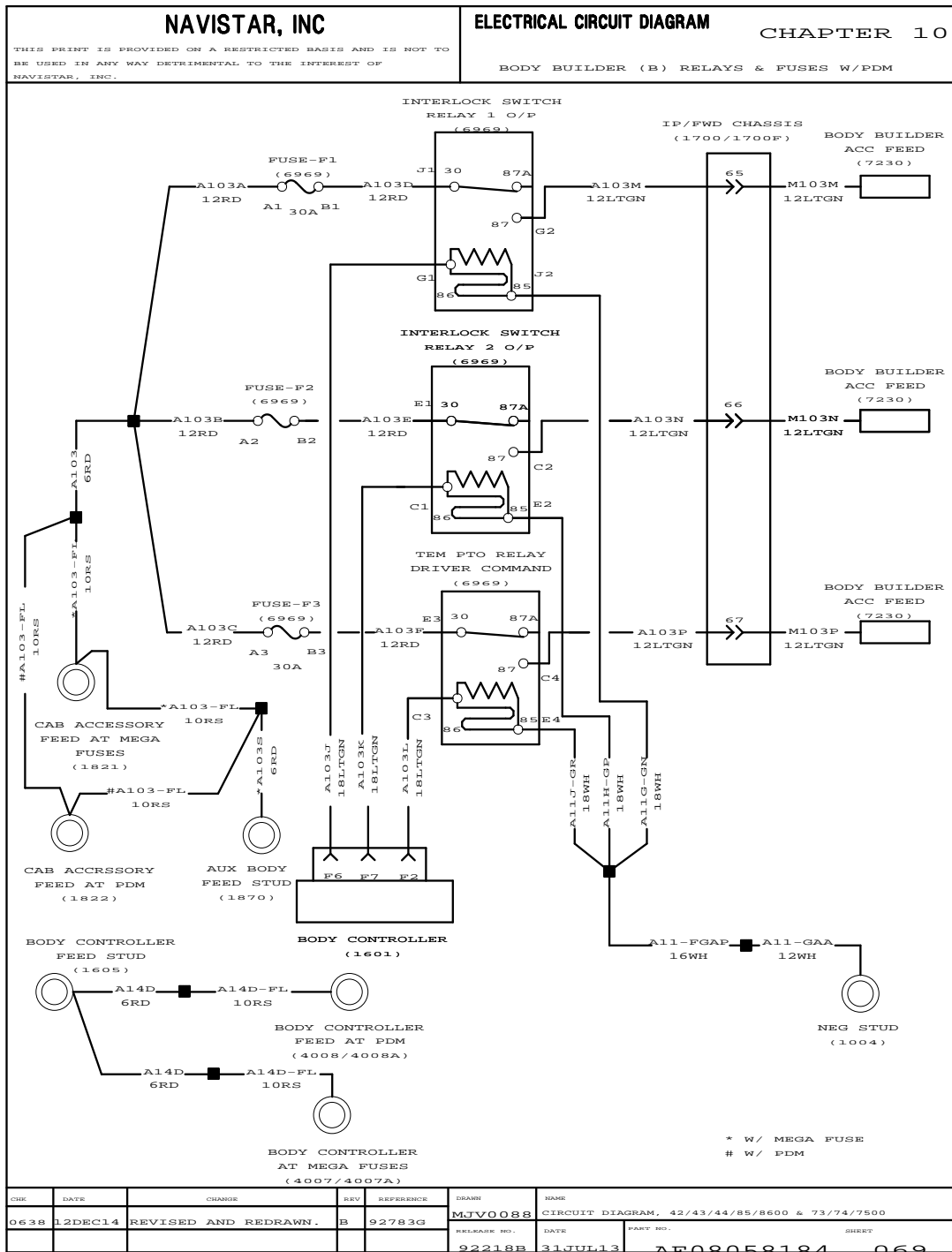


Figure 406 Body Builder (B) Relays and Fuses with PDM

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 10

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

ABS - WABCO 4S/4M

The diagram illustrates the electrical circuit for the WABCO 4S/4M ABS system, showing connections between the IP / CENTER (1701/1701F) and the CENTER/REAR CHASSIS (9800/9800).

IP / CENTER (1701/1701F) Connections:

- LEFT SIDE CAB GND (1004) CH10_54:**
 - A94-96 (16WH) connects to terminal 25.
 - A94-97 (16WH) connects to terminal 24.
- WABCO ABS (1423) CH10_54:**
 - A94WN (18GY) connects to terminal 18.
 - A94WR (18GY) connects to terminal 19.
 - A94WV (18GY) connects to terminal 17.
 - A94WW (18GY) connects to terminal 16.

CENTER/REAR CHASSIS (9800/9800) Connections:

- WABCO RIGHT REAR AIR ABS REAR MODULATOR (9551/9569) CH10_54:**
 - R94C9 (18GN) connects to terminal 21.
 - R94G8 (18GN) connects to terminal 18.
- WABCO LEFT REAR AIR ABS REAR MODULATOR (9553/9566) CH10_54:**
 - R94M (18BN) connects to terminal 19.
 - R94L (18BL) connects to terminal 17.
 - R94S (18BN) connects to terminal 22.
 - R94P (18BL) connects to terminal 20.

Intermediate Connections:

- N94-96 (14GY) connects to N94-96C (10GY).
- N94-97 (14GY) connects to N94-97C (10GY).
- N94WN (14GY) connects to N94WRC (10GY).
- N94WR (14GY) connects to N94WNC (10GY).
- N94WV (14GY) connects to N94WVC (10GY).
- N94WW (14GY) connects to N94WVC (10GY).
- N94GGR (12GY) connects to N94GTR (12GY).
- N94WRR (12GY) connects to N94WNR (12GY).
- N94WVR (12GY) connects to N94WVR (12GY).

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0488	24JAN14	INITIAL RELEASE.	A	92372W	MJV0370	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					92372W	17DEC13
						PARTY NO.
						AF08058184
						SHEET
						070

Figure 407 ABS – WABCO 4S / 4M

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

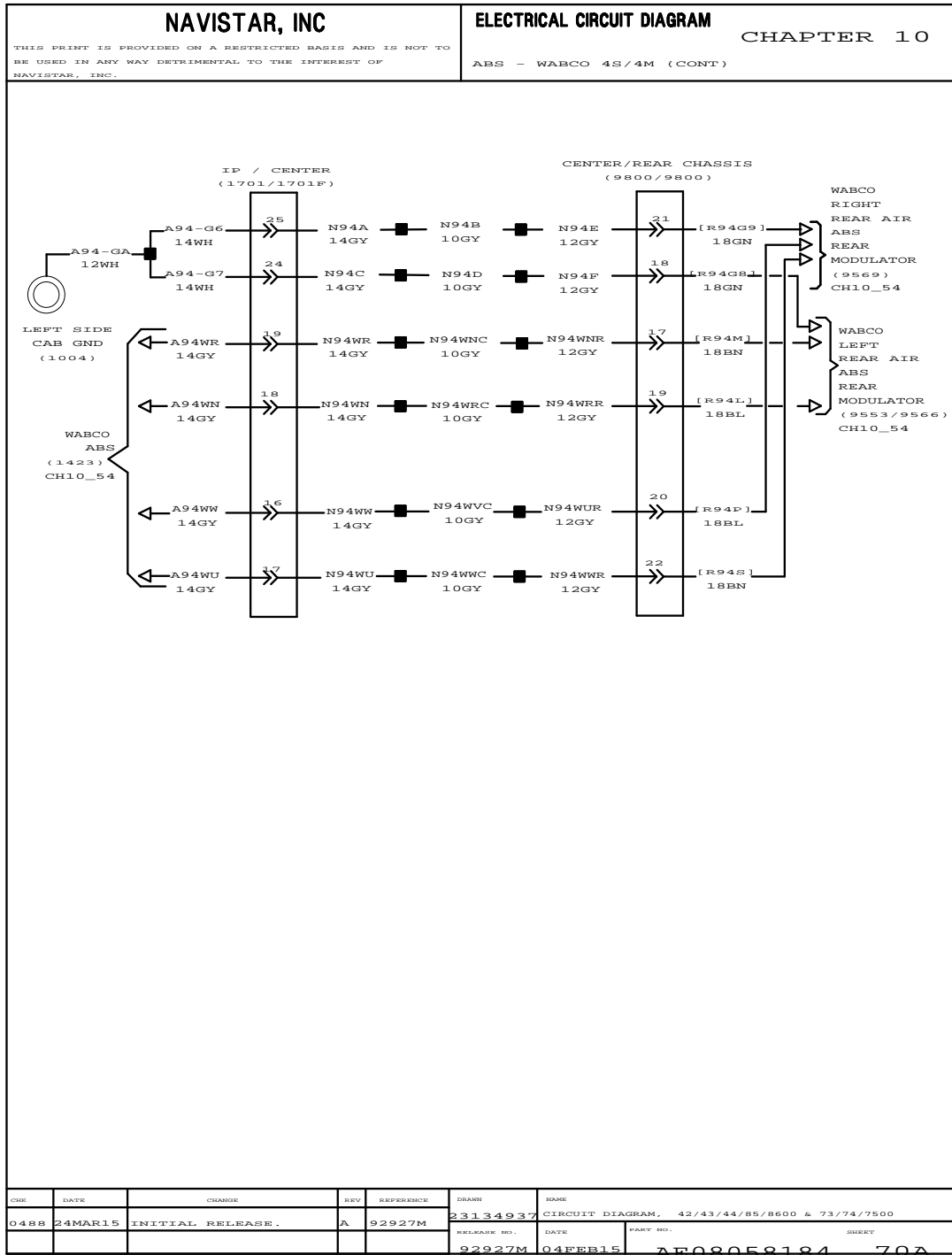


Figure 408 ABS – WABCO 4S / 4M (Cont.)

10.100. HYDRAULIC BRAKES, P. 71

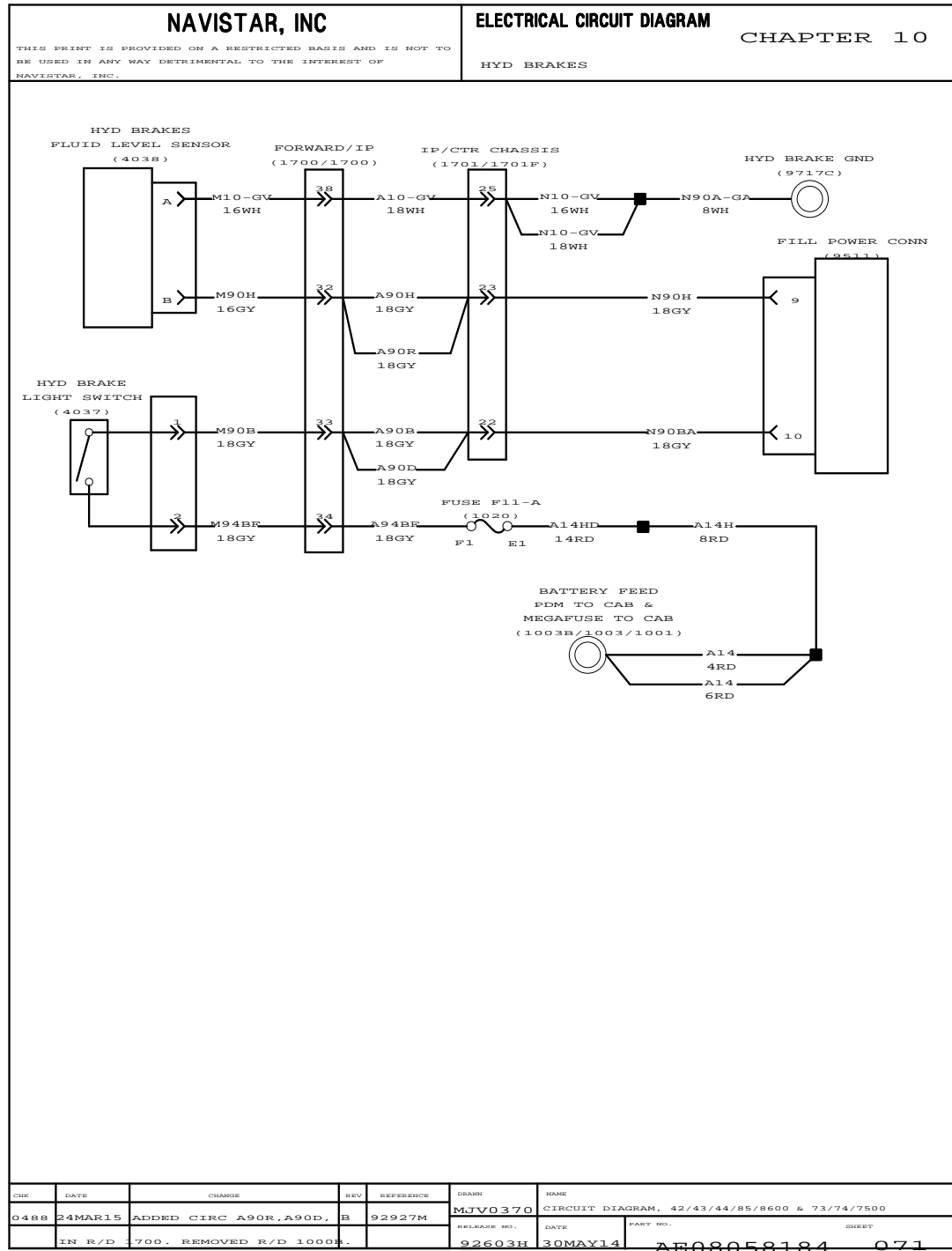


Figure 409 Hydraulic Brakes

ELECTRICAL CIRCUIT DIAGRAM MANUAL

10.101. NEXT GEN HYDRAULIC BRAKES, P. 72

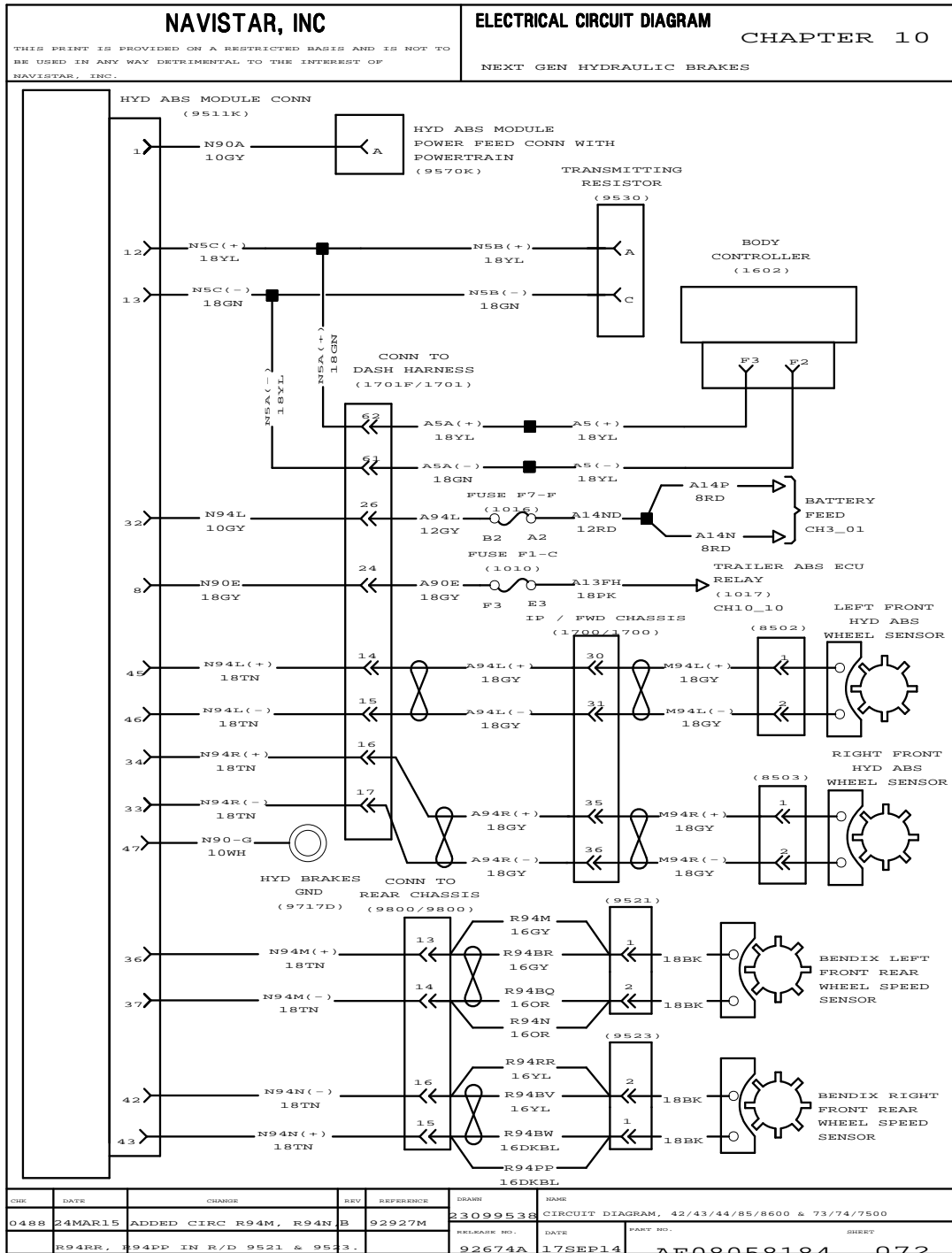


Figure 410 Next Gen Hydraulic Brakes

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

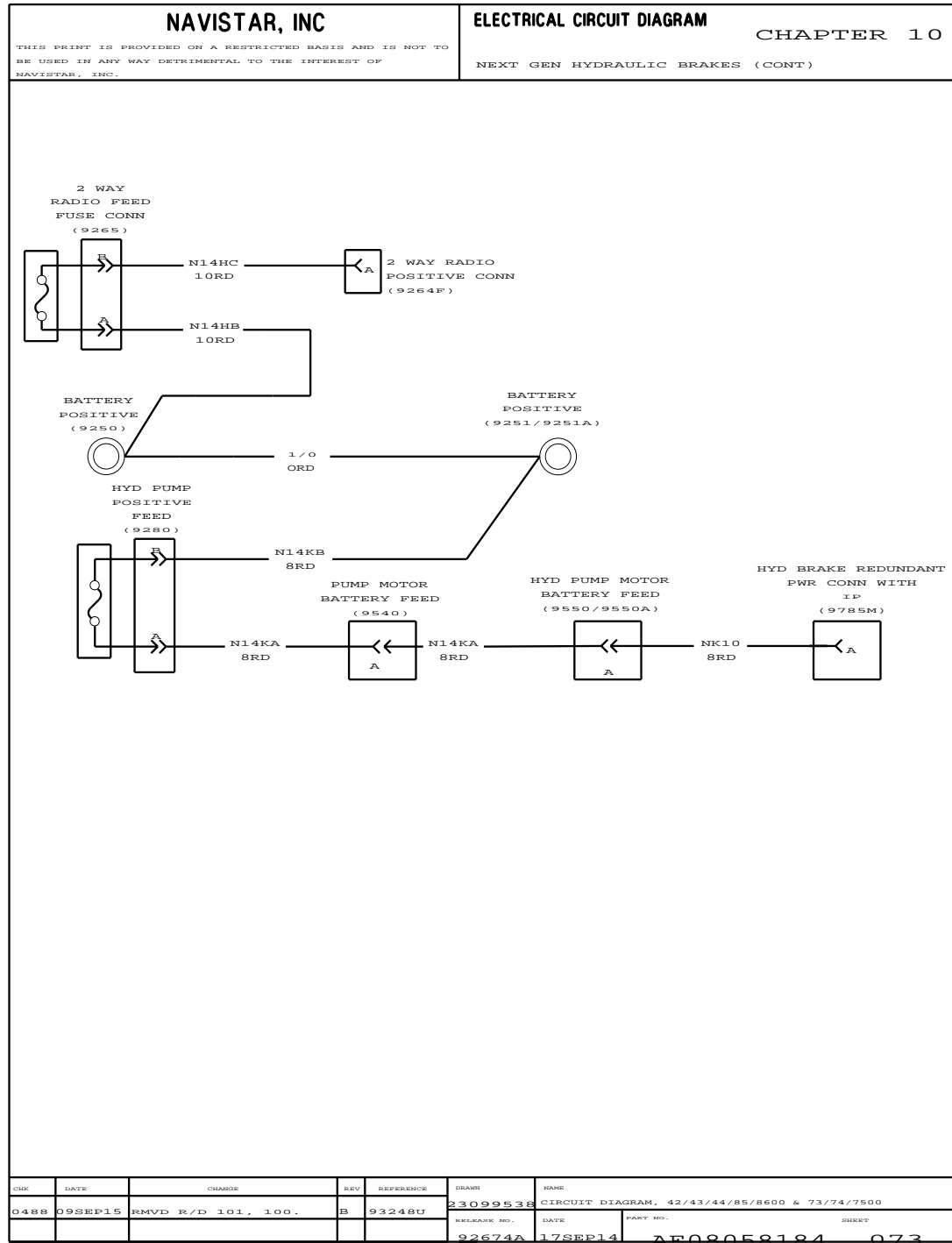


Figure 411 Next Gen Hydraulic Brakes (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

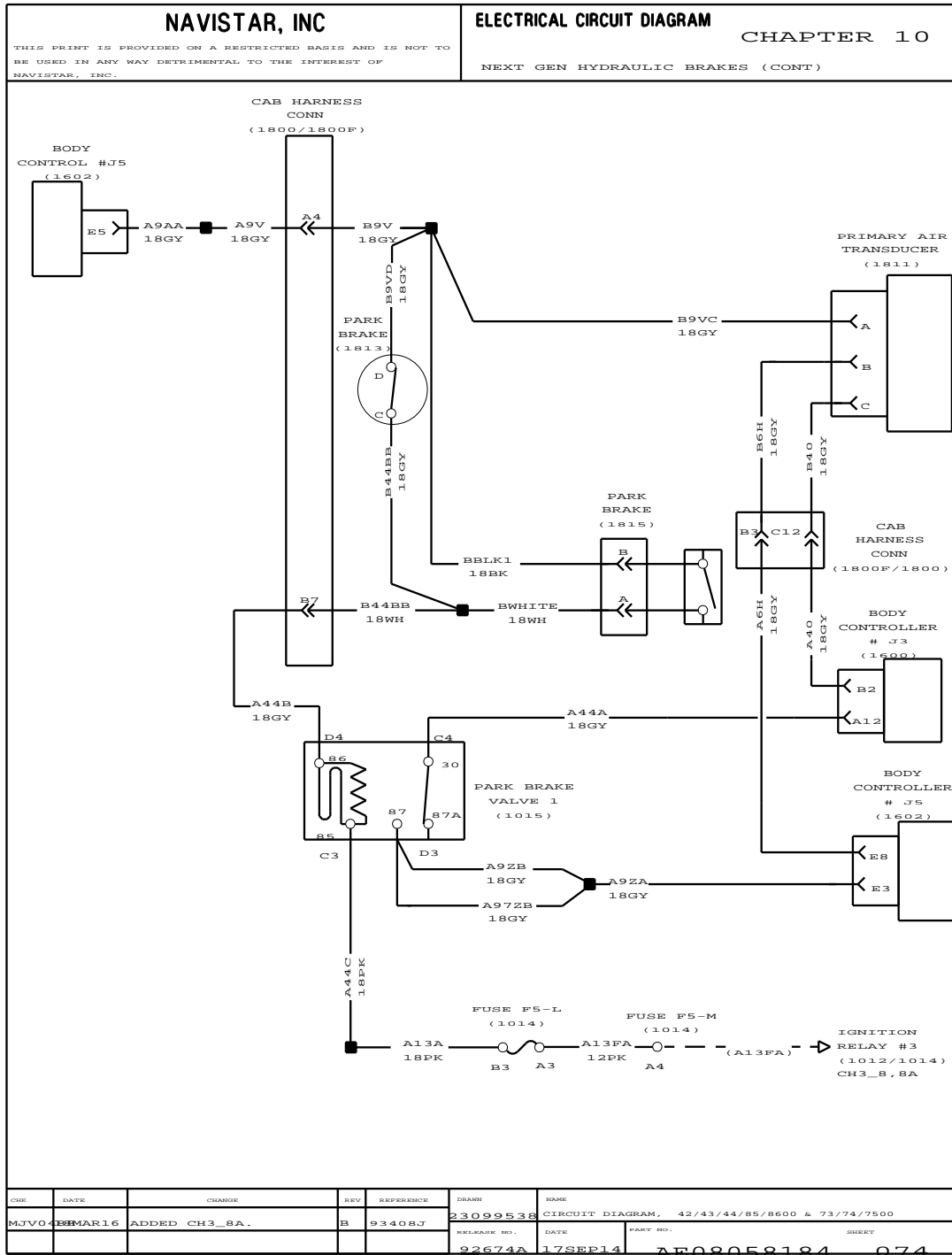


Figure 412 Next Gen Hydraulic Brakes (Cont.)

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 10

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NEXT GEN HYDRAULIC BRAKES (CONT)

MOTOR SENSOR FUSE 6060

MOTOR SENSOR (6067)

FLOW SWITCH (6061)

DIFF PRESSURE SW (6064)

RELAY POWER (6068)

DIODE CONN (6071)

BODY CTRL-J4 (1601)

5A FUSE (6070)

REDUNDANT POWER FEED (6066)

PRESSURE SW (6065)

DASH GROUND STUD (6062)

HYD MOTOR GND (6069)

BODY CTRL-J3 (1600)

Wiring Labels: A90H 14GY, A90HA 14GY, A90HB 18GY, A90M 18GY, A90A 16GY, A90B 10GY, A90G 16WH, A90CA 16GY, A90C 16GY, A90B 16GY, A90K 16GY, A90L 16GY, A90J 18GY, A90N 16GY, A90NA 14GY, A14B 8GY, A90NB 14GY, A90GA 12WH, A90GM 12WH.

CHK	DATE	CHARGE	REV	REFERENCE	DRAWN	NAME
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0488	20NOV14	INITIAL RELEASE.	A	92674A	23099538	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
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RELEASE NO.	DATE	PARTY NO.	SHEET
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92674A	17SEP14	AF08058184	075
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ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

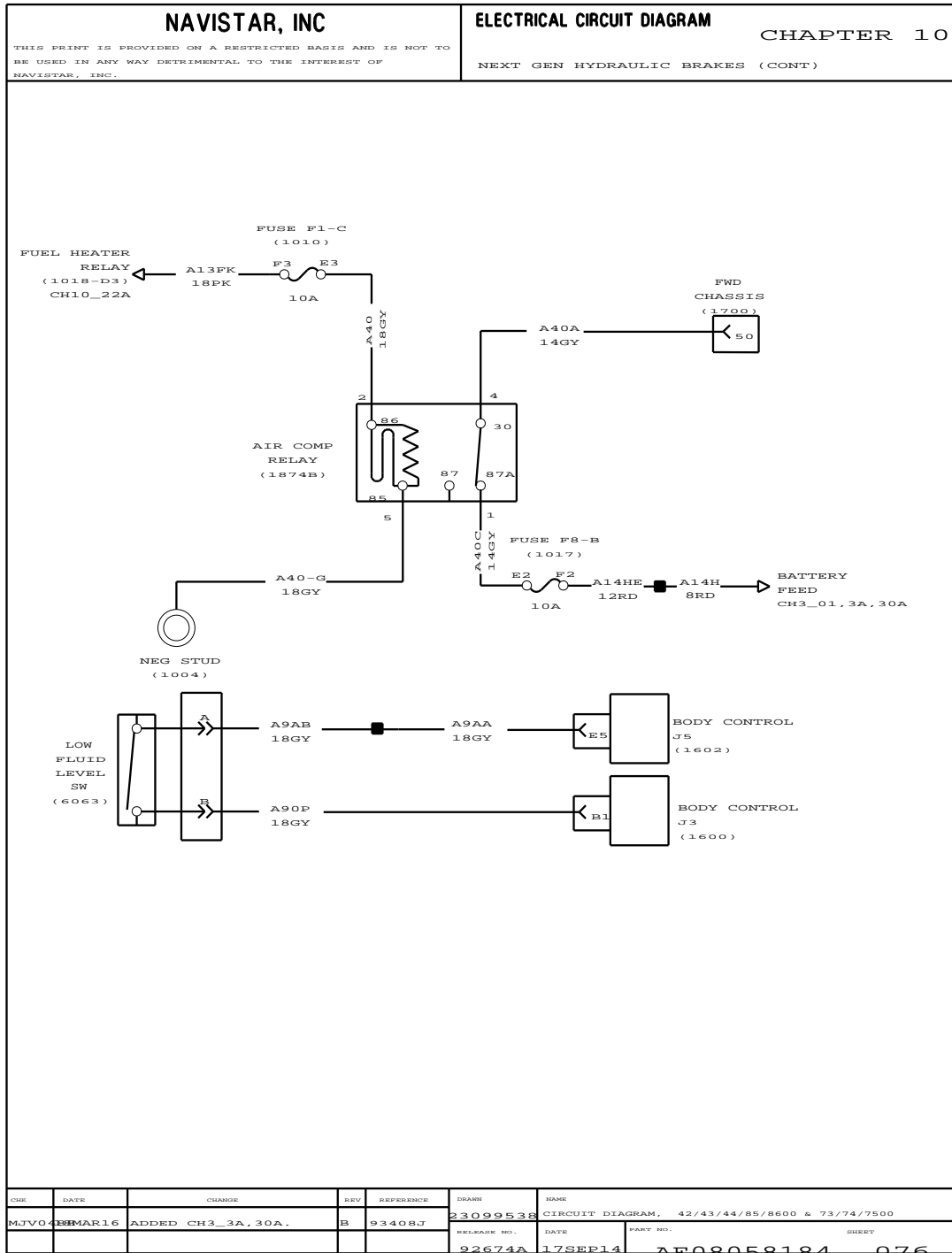


Figure 414 Next Gen Hydraulic Brakes (Cont.)

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

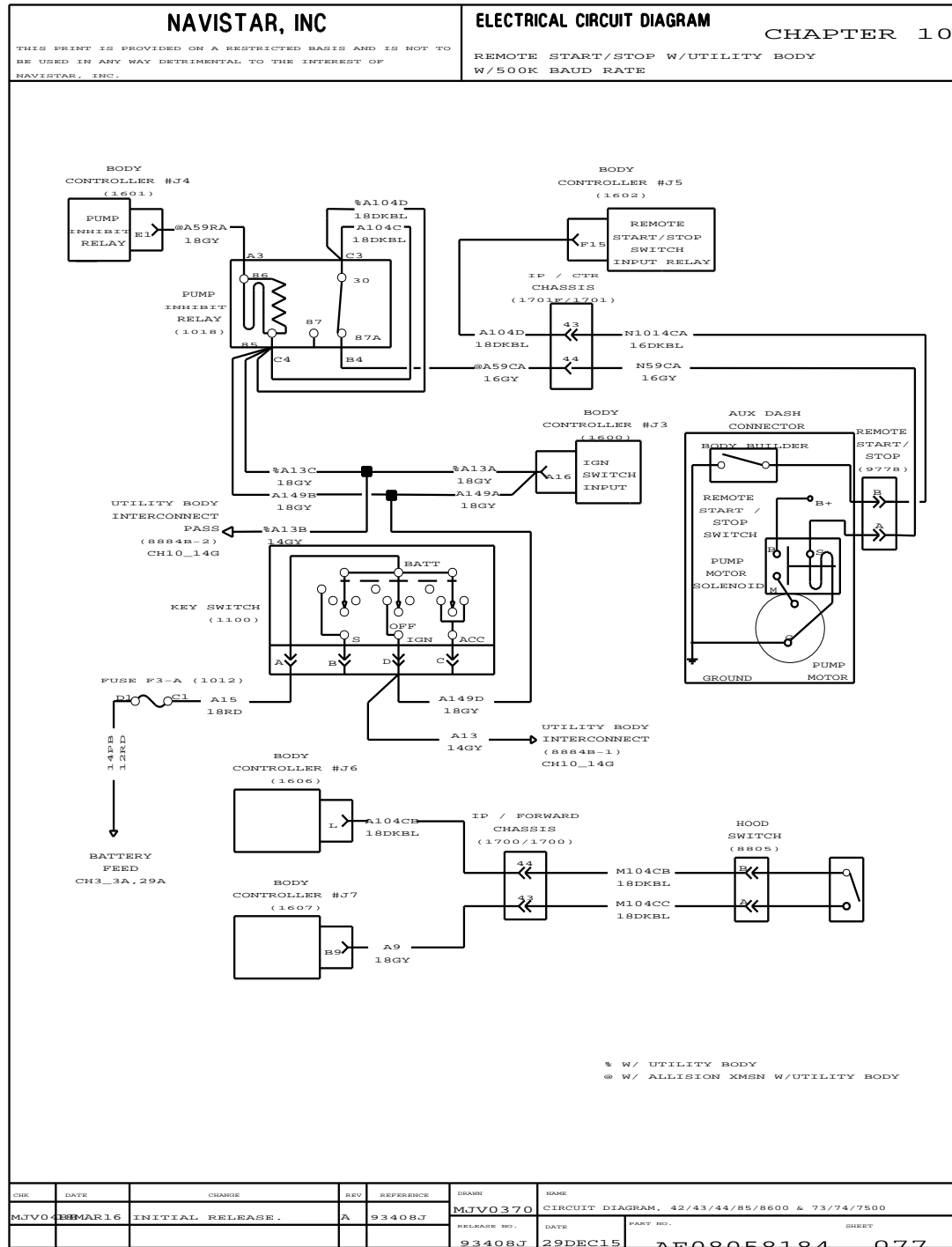


Figure 415 Remote Start / Stop with Utility Body with 500K Baud Rate

ELECTRICAL CIRCUIT DIAGRAM MANUAL

TRANSMISSIONS (CHAPTER 11)

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

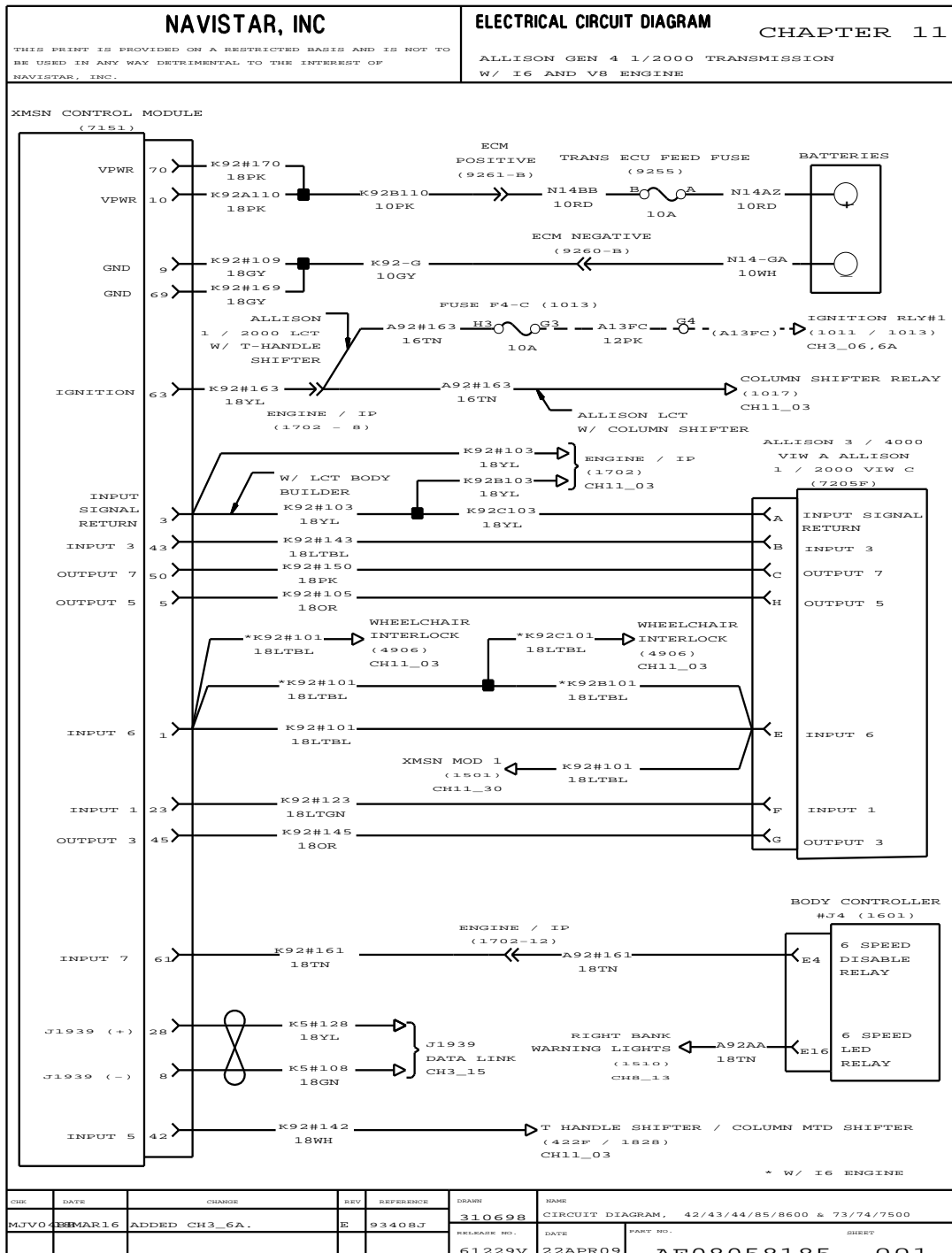


Figure 416 Allison Gen 4 1/2000 Transmission with I6 and V8 Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

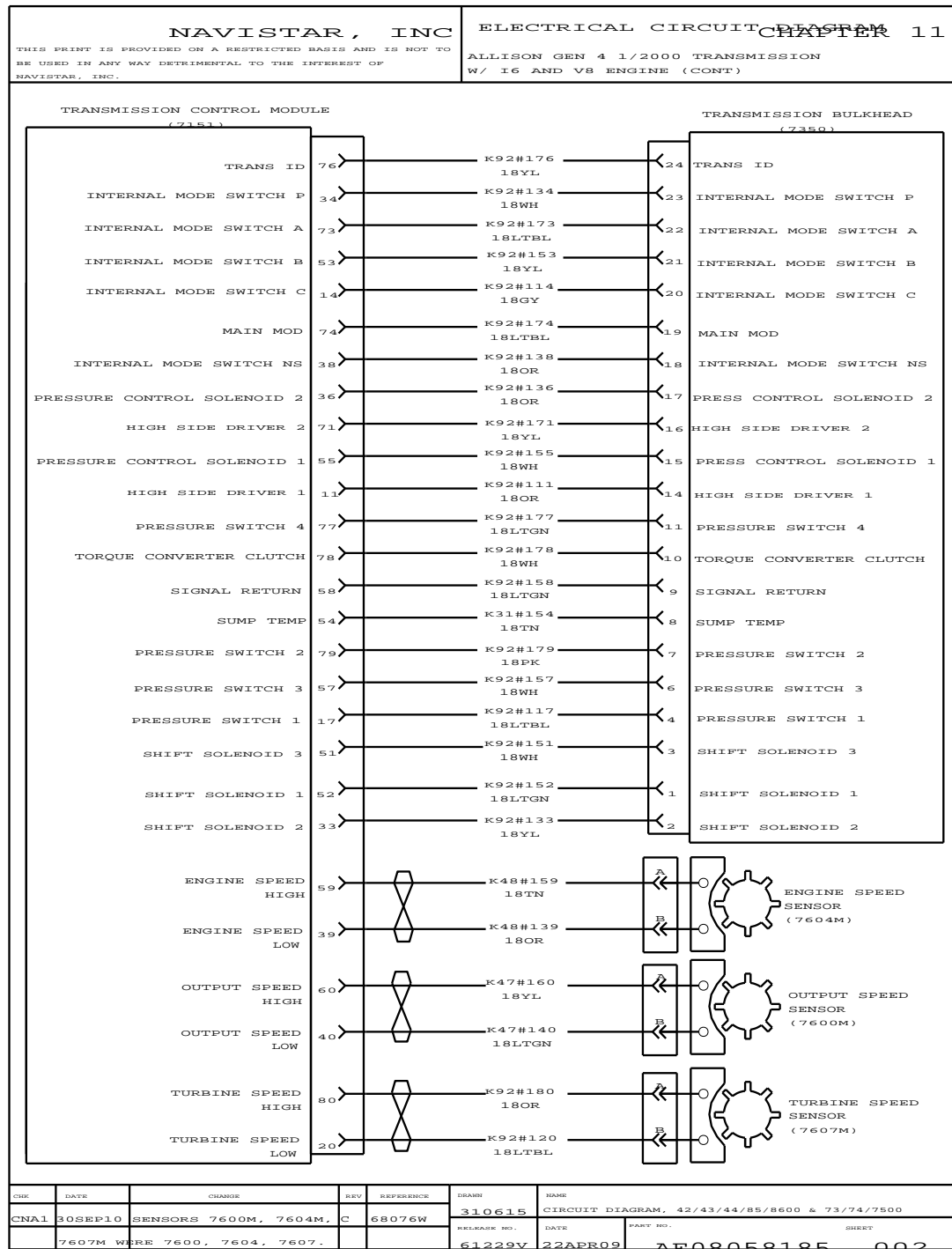


Figure 417 Allison GEN 4 1/2000 Transmission with I6 and V8 Engines (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

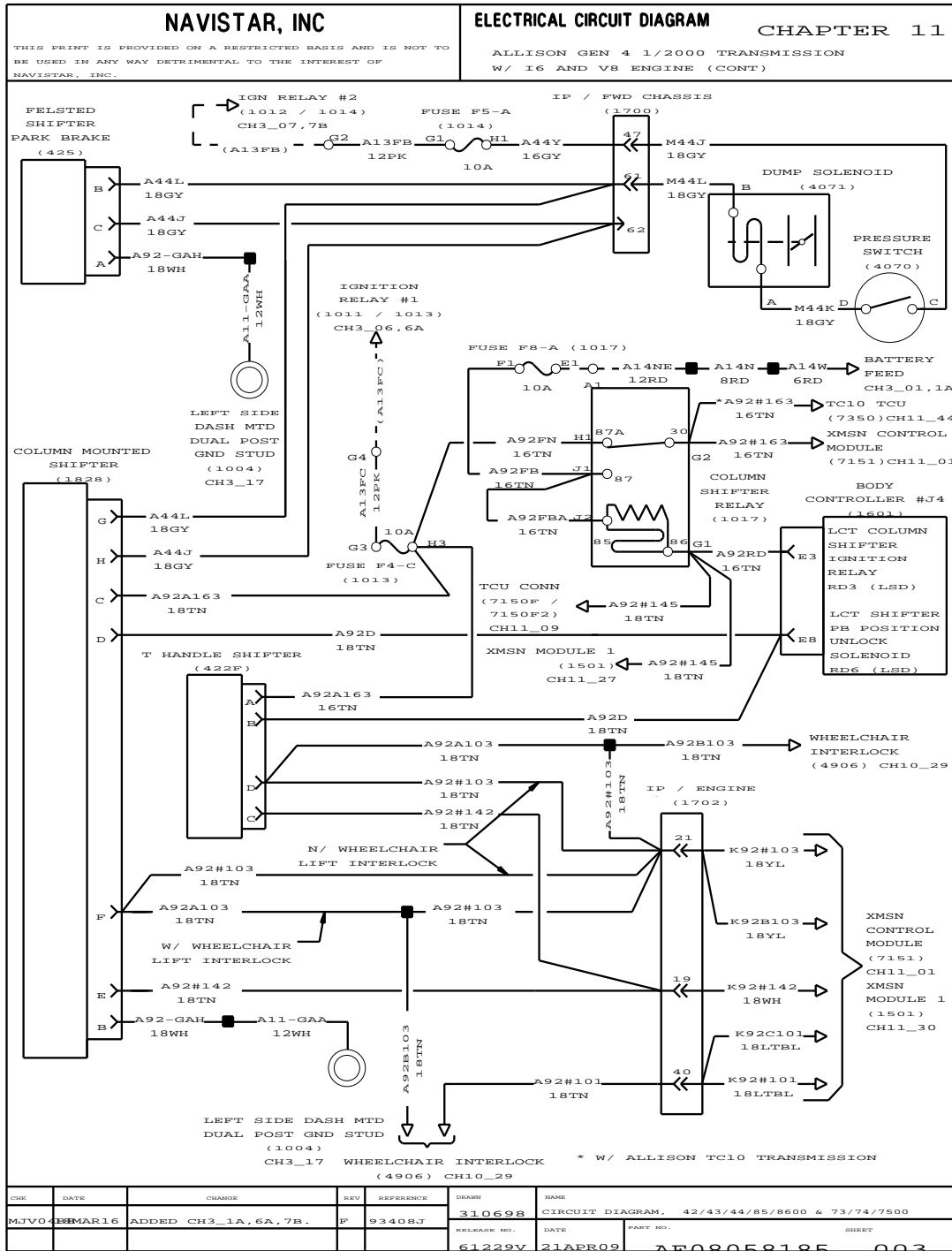


Figure 418 Allison GEN 4 1/2000 Transmission with I6 and V8 Engines (Cont.)

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

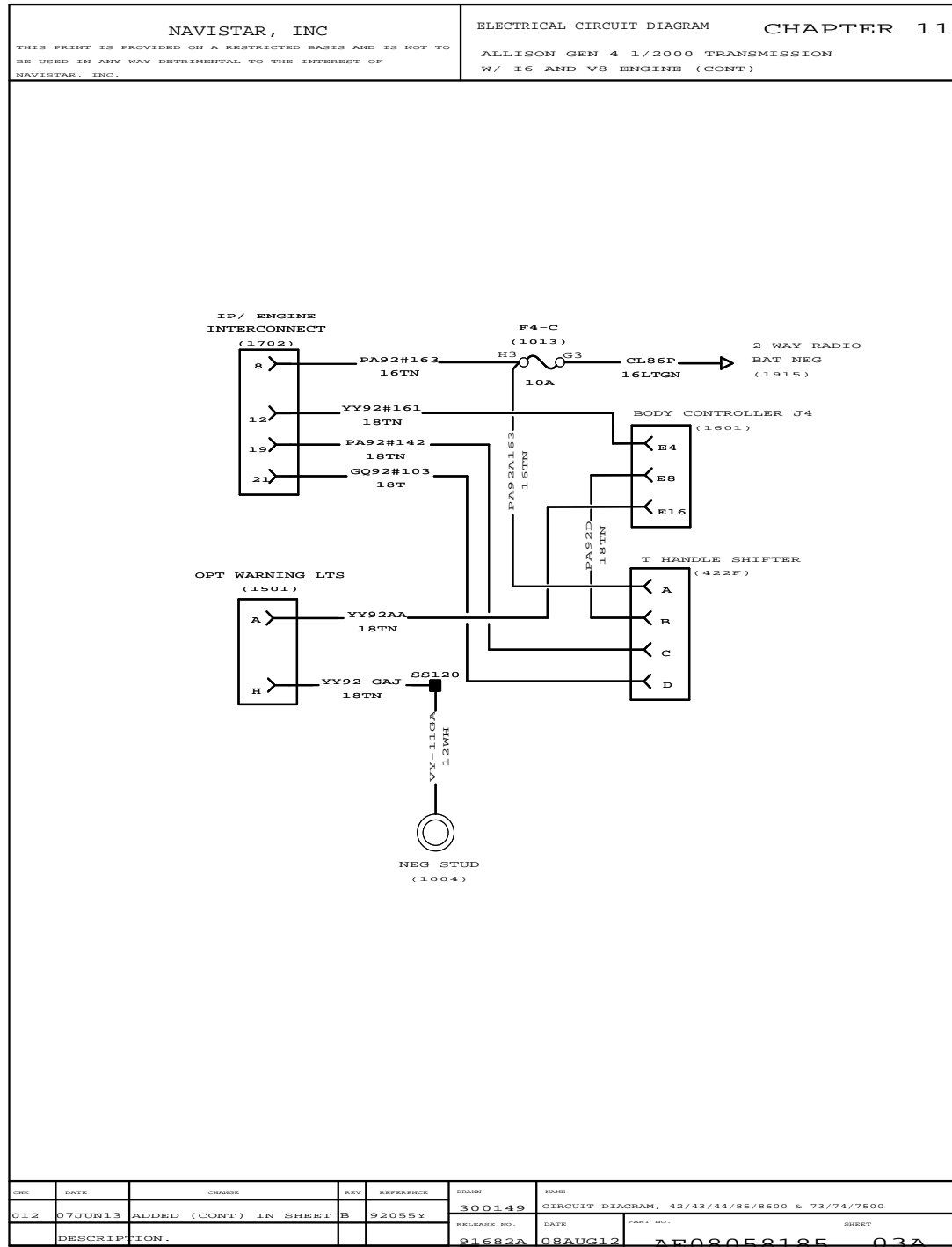


Figure 419 Allison GEN 4 1/2000 Transmission with I6 and V8 Engines (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

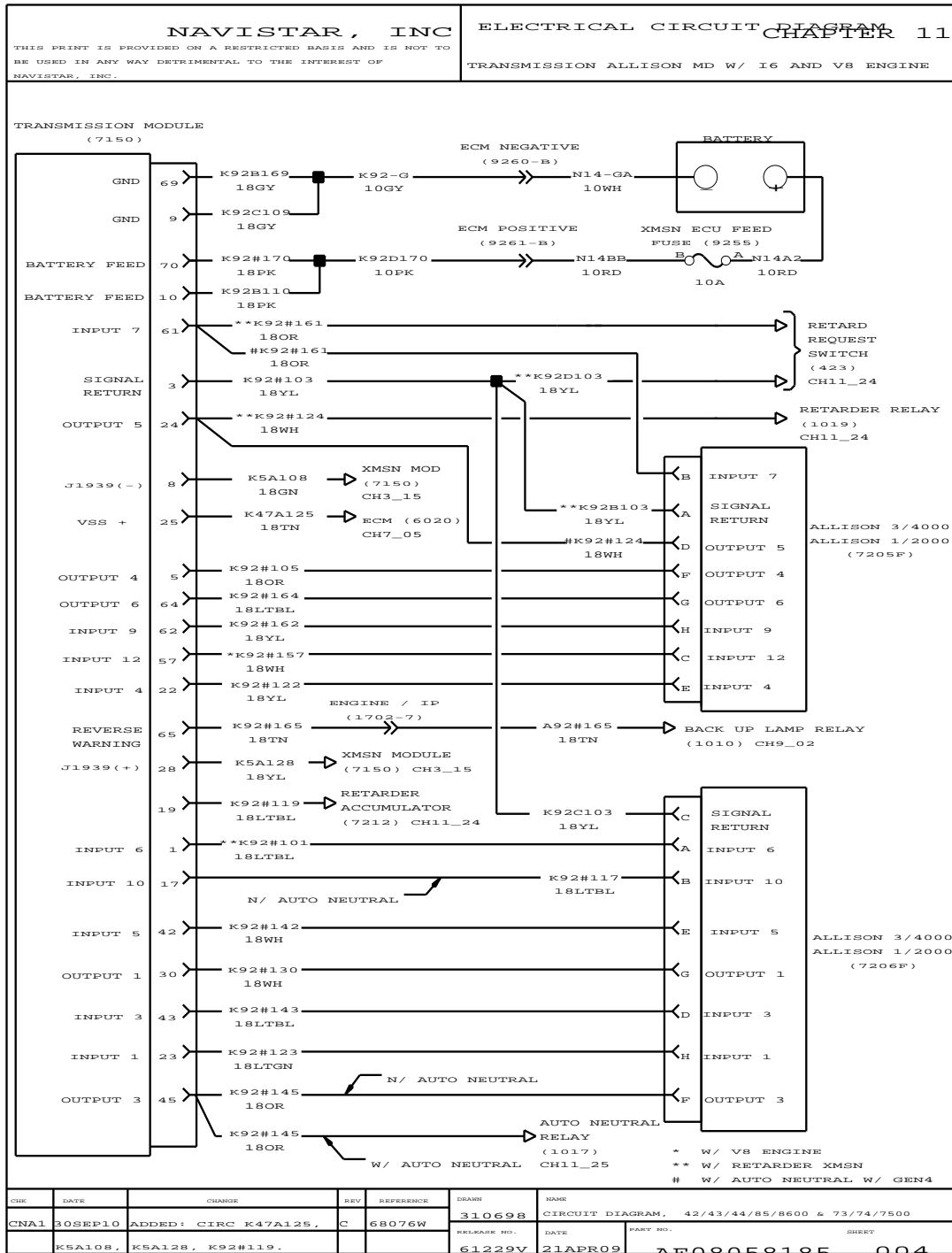


Figure 420 Transmission, Allison MD with I6 and V8 Engines

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

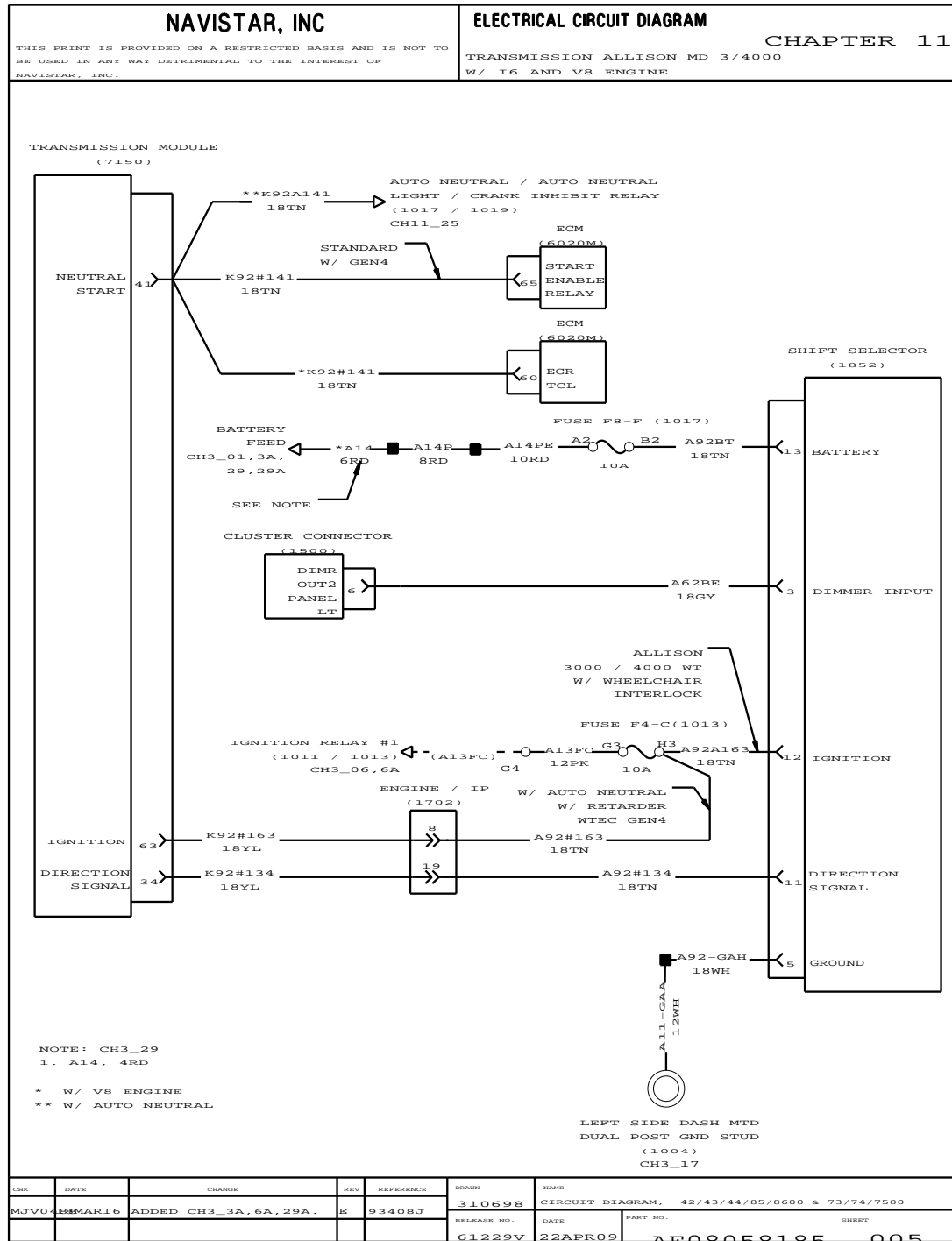


Figure 421 Transmission, Allison MD 3/4000 with I6 and V8 Engines

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

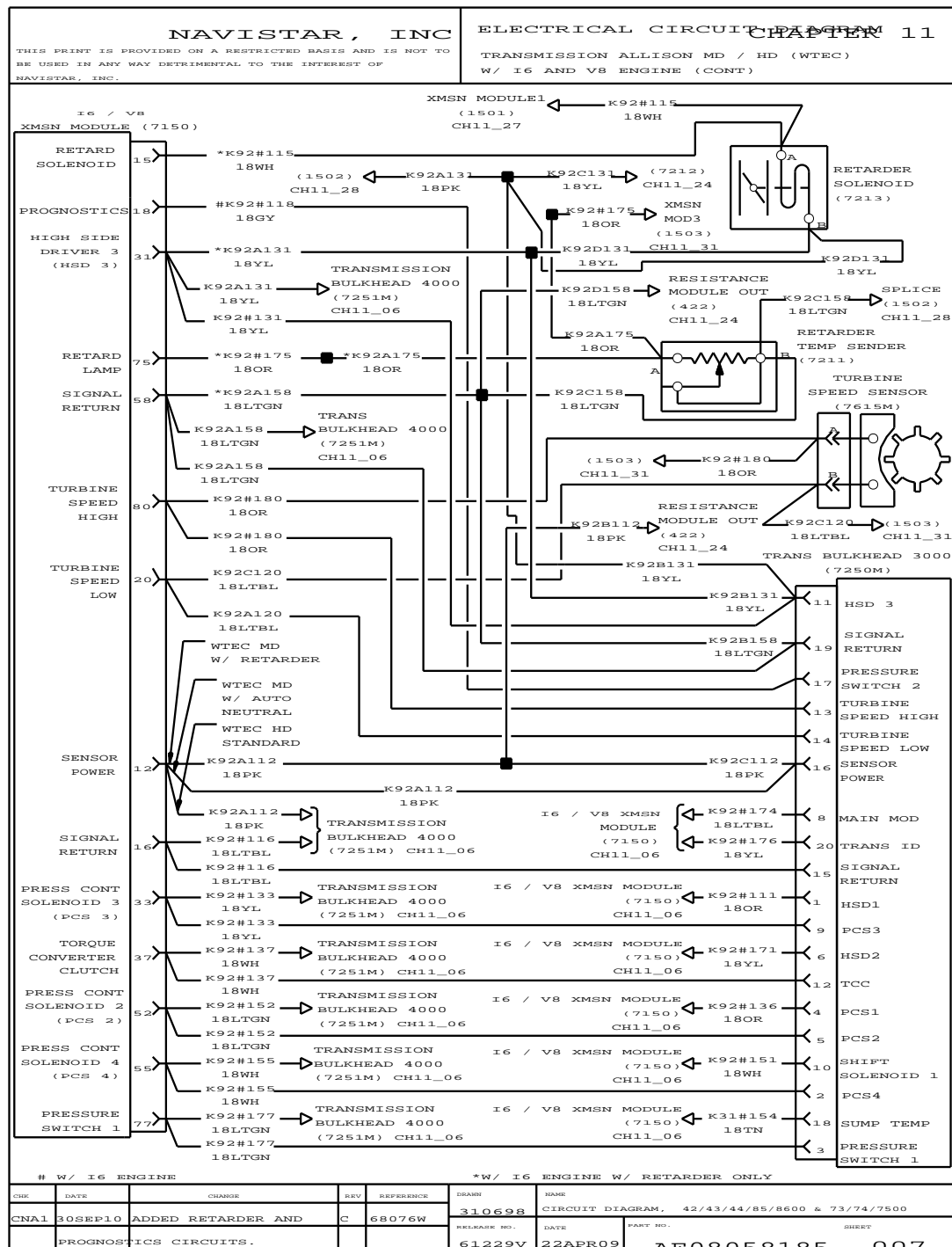


Figure 423 Transmission, Allison MD / HD (WTEC) with I6 and V8 Engines (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

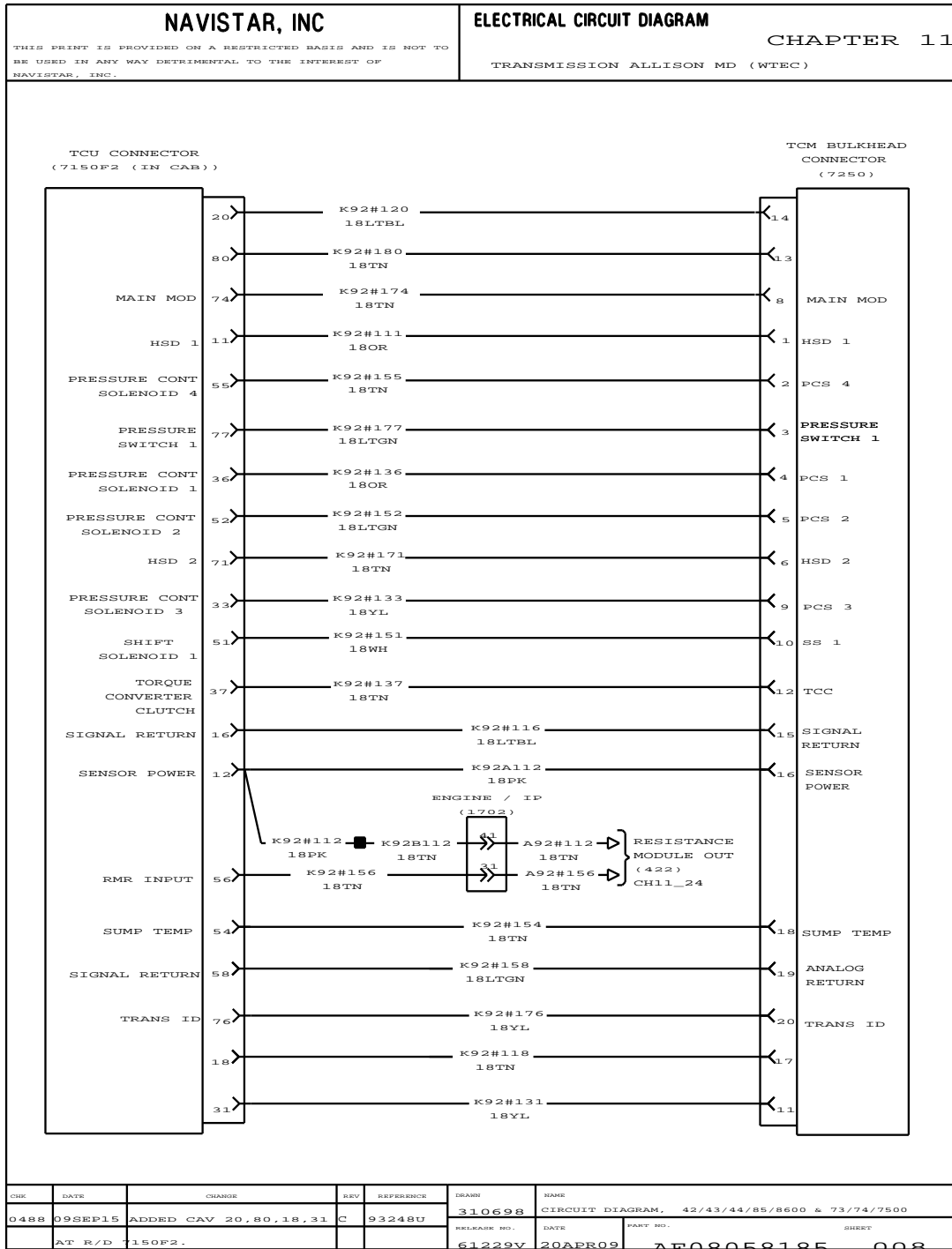


Figure 424 Transmission, Allison MD (WTEC)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

11.11. EATON AUTOSHIFT, P. 10

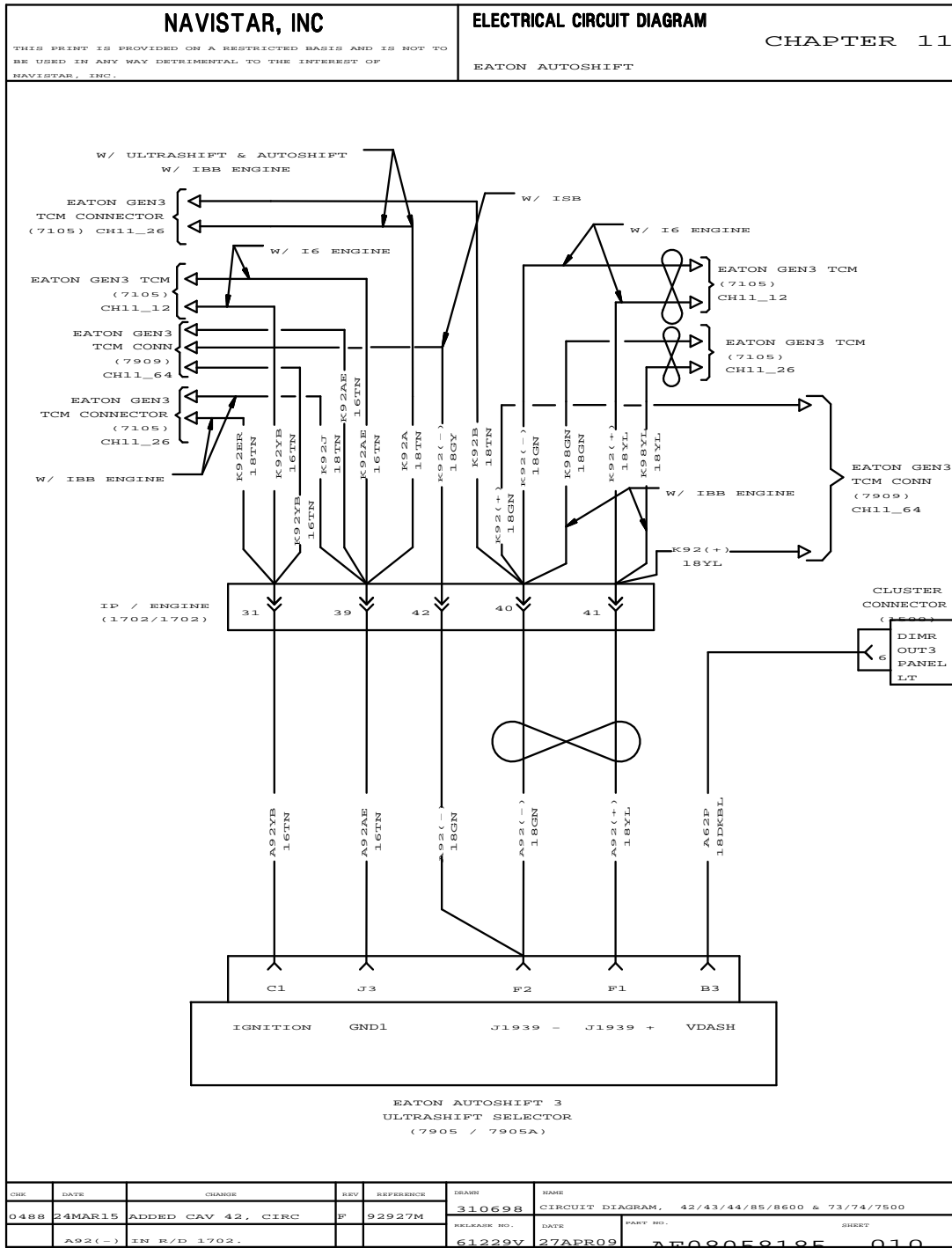


Figure 426 Eaton Autoshift

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

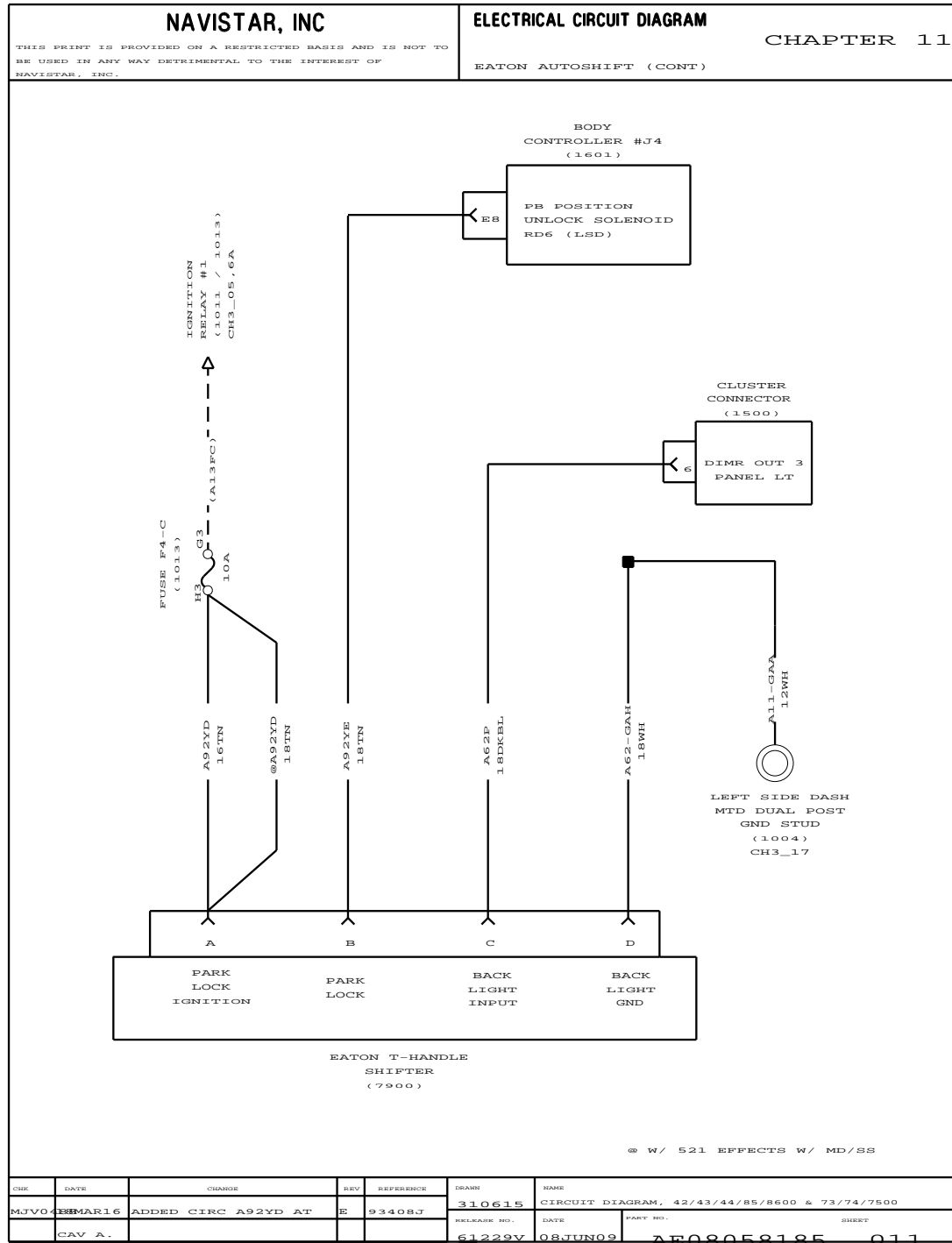


Figure 427 Eaton Autoshift (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

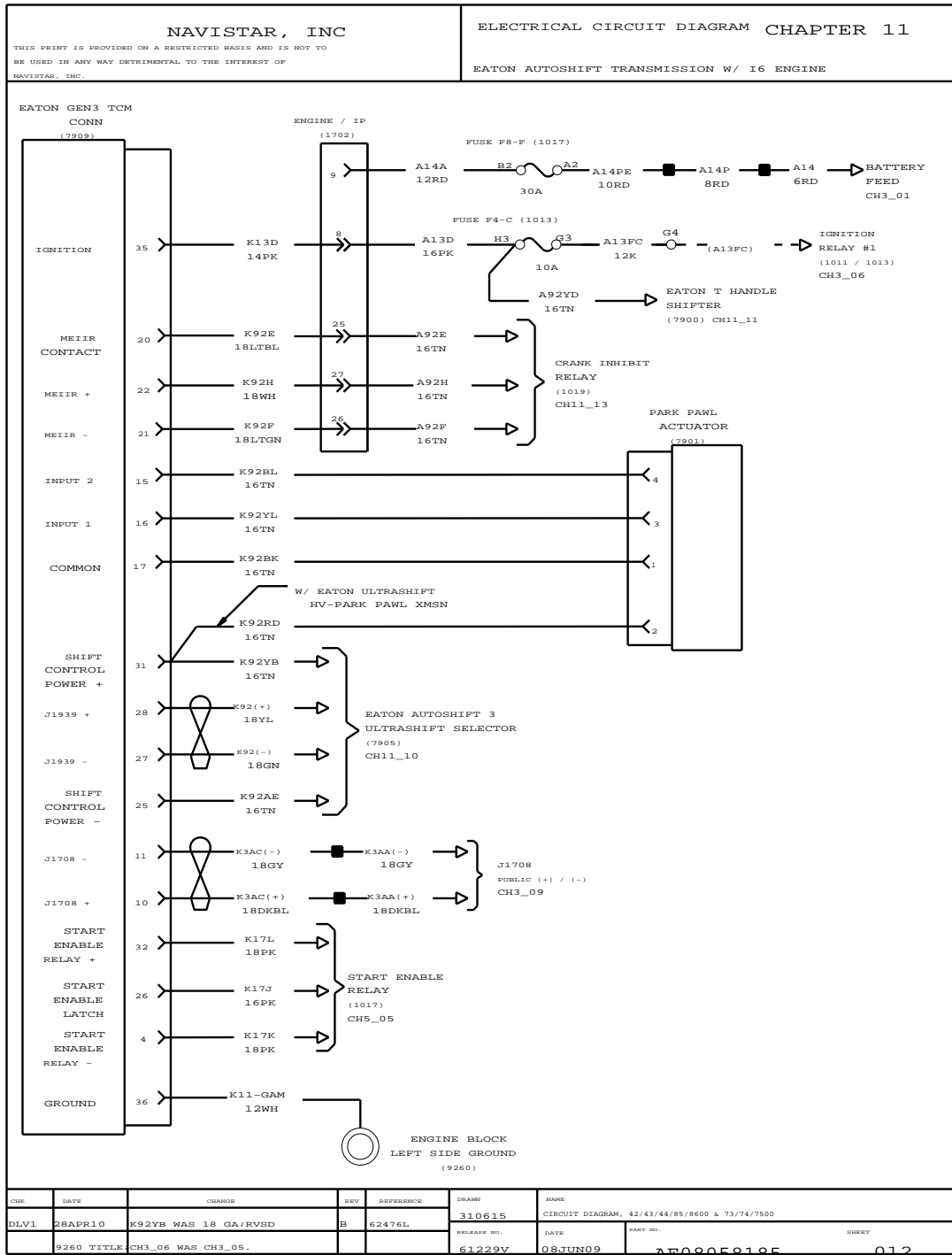


Figure 428 Eaton Autoshift Transmission with I6 Engine

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

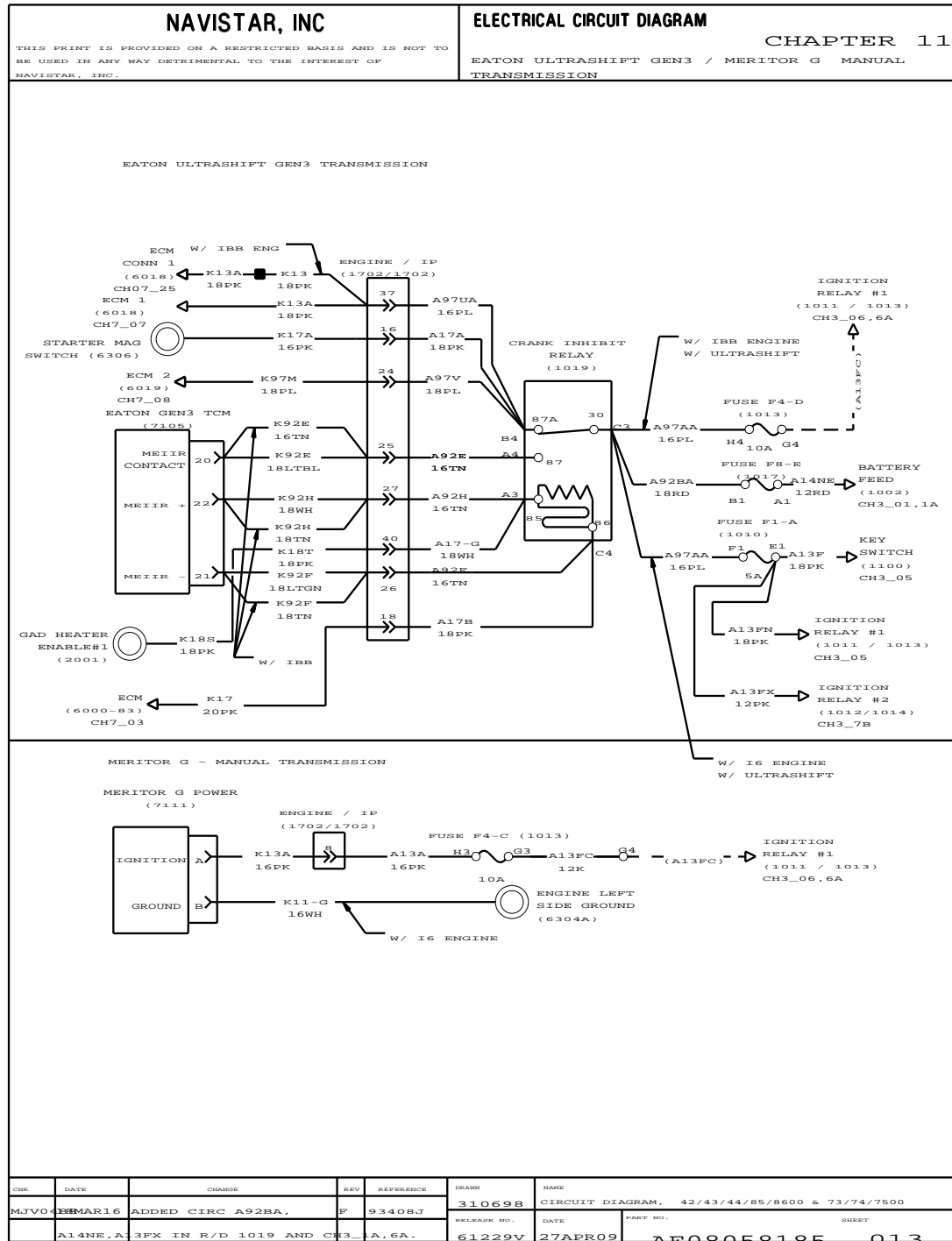


Figure 429 Eaton Ultrashift Gen 3 / Meritor G Manual Transmission

ELECTRICAL CIRCUIT DIAGRAM MANUAL

11.15. EATON HYBRID TRANSMISSION, P. 14

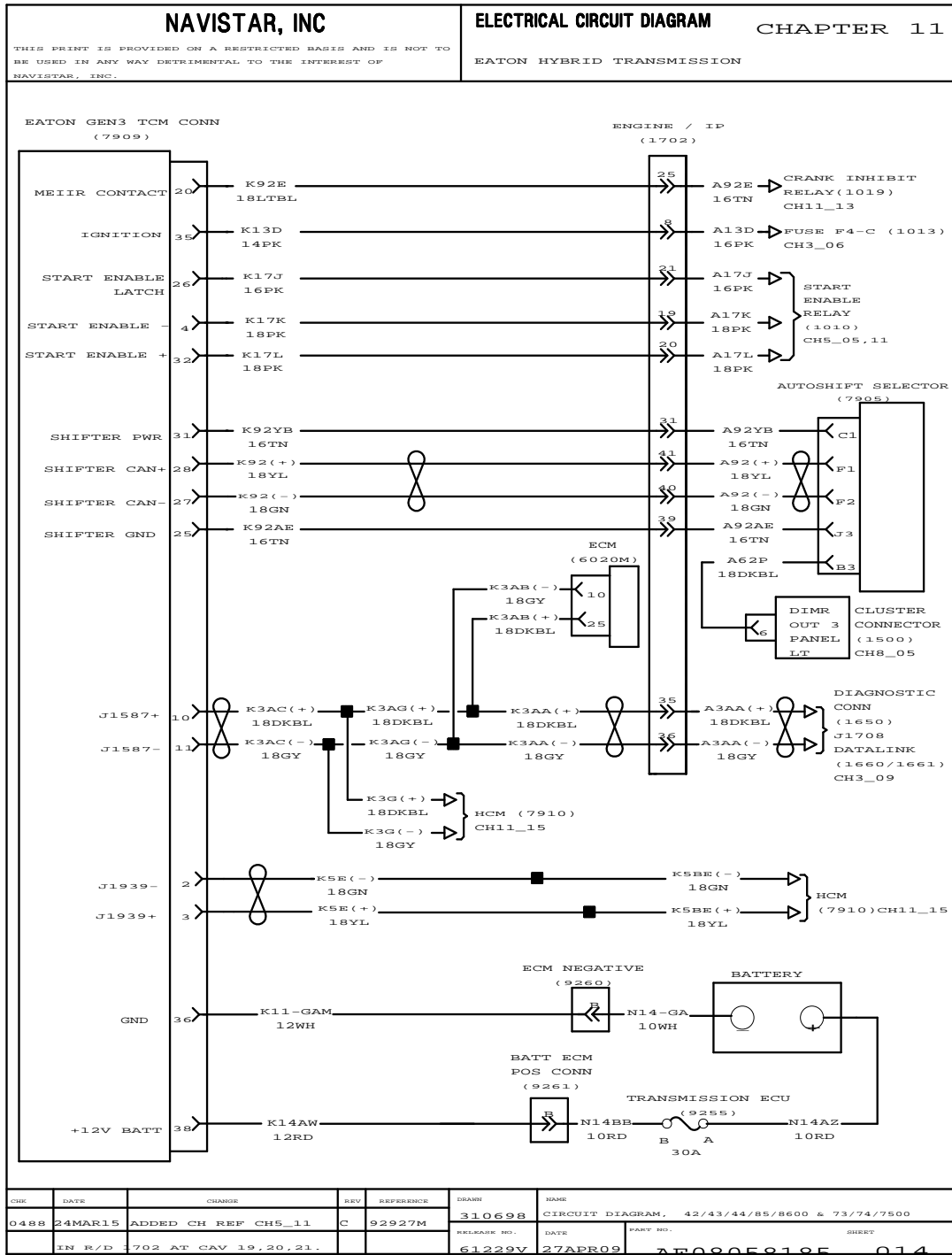


Figure 430 Eaton Hybrid Transmission

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

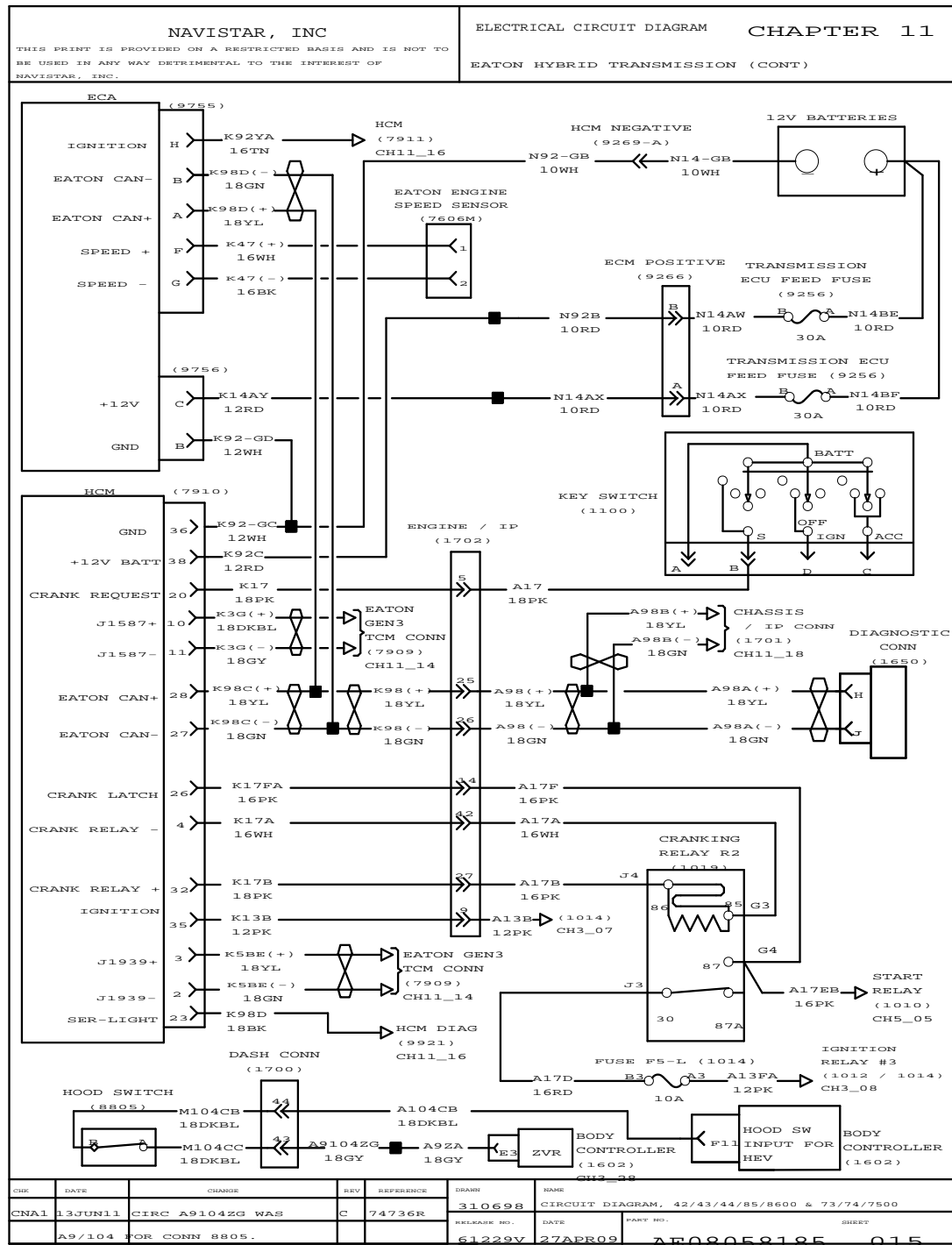


Figure 431 Eaton Hybrid Transmission (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

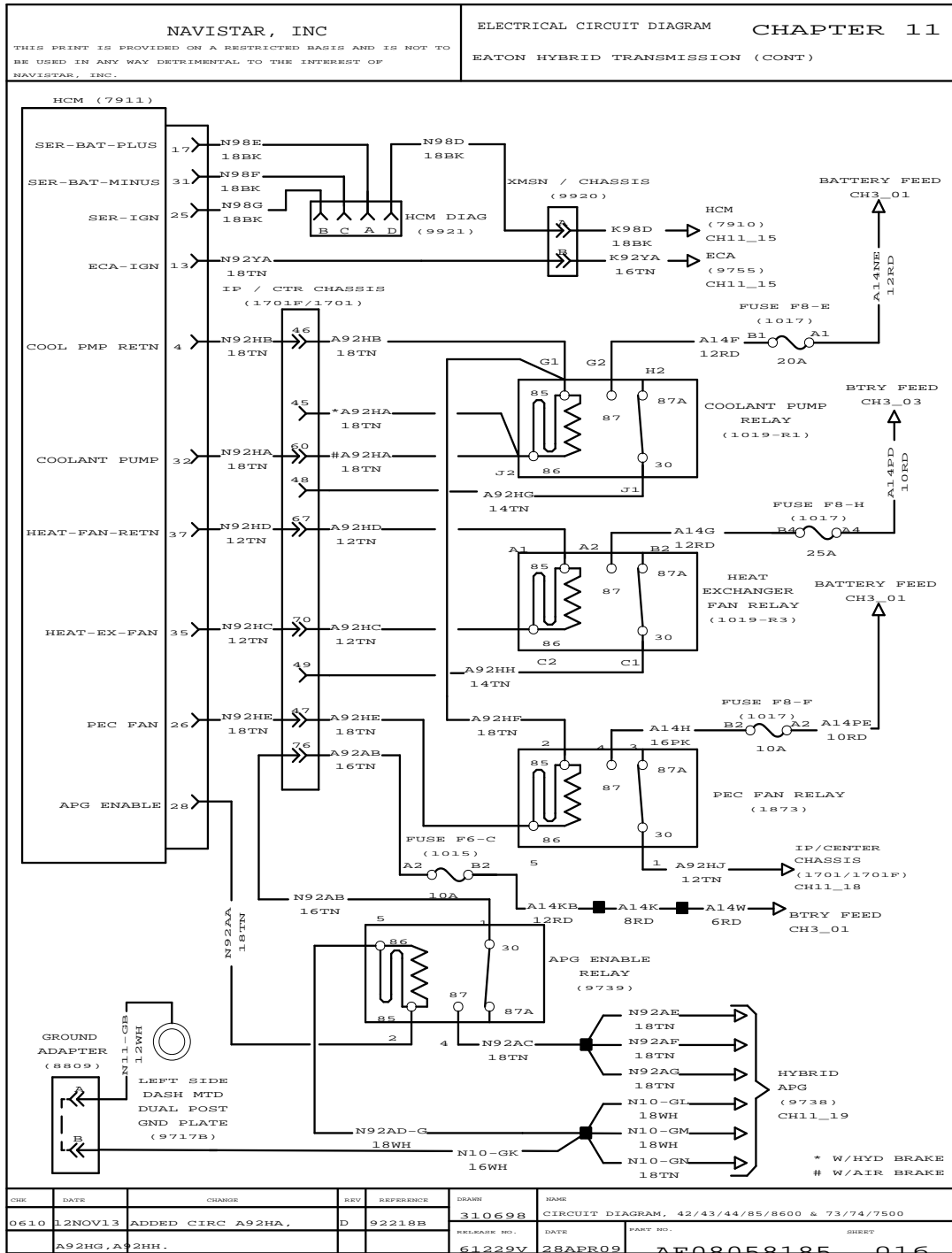


Figure 432 Eaton Hybrid Transmission (Cont.)

[illegible]

433

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

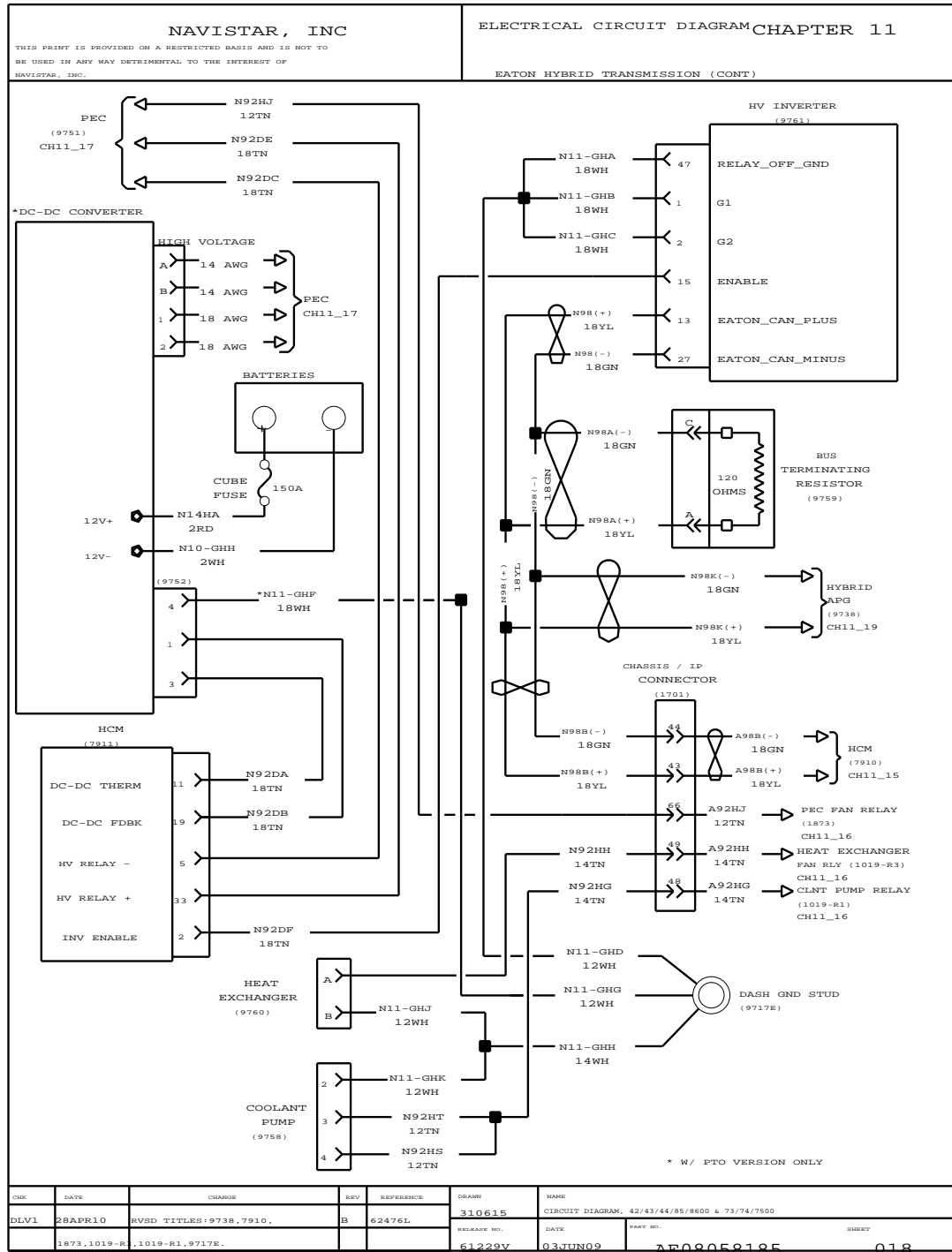


Figure 434 Eaton Hybrid Transmission (Cont.)

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

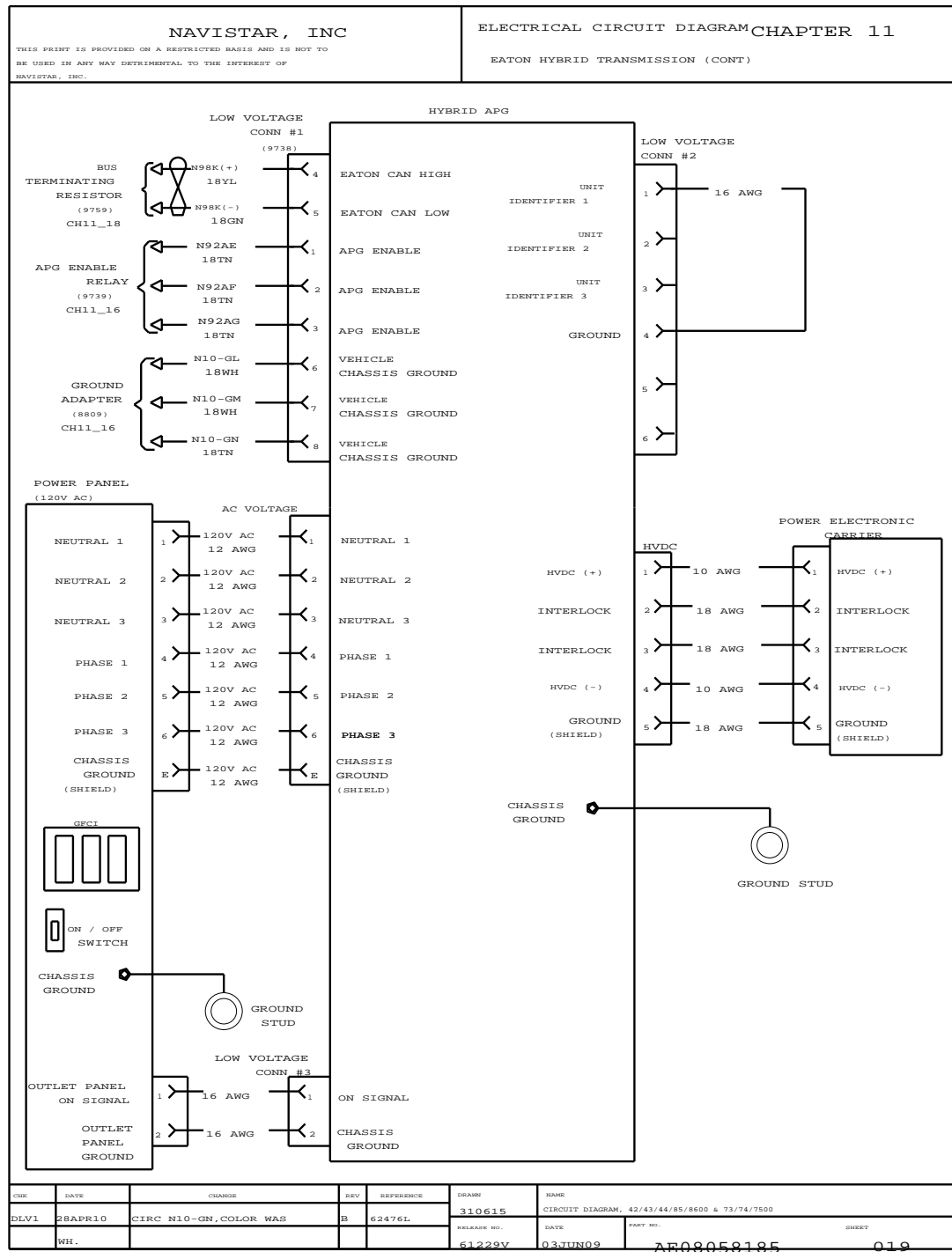


Figure 435 Eaton Hybrid Transmission (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

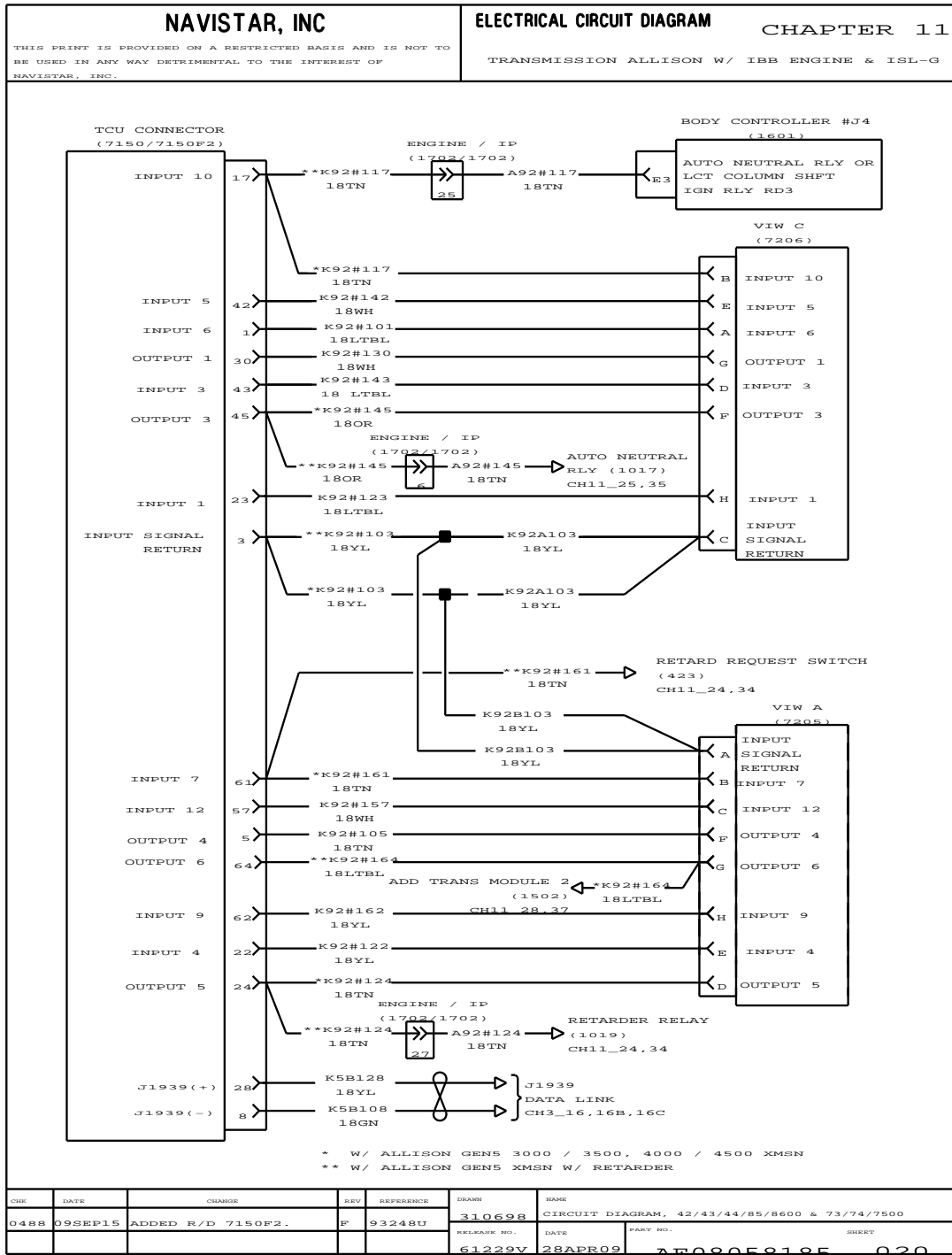


Figure 436 Transmission Allison with IBB Engine and ISL-G

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

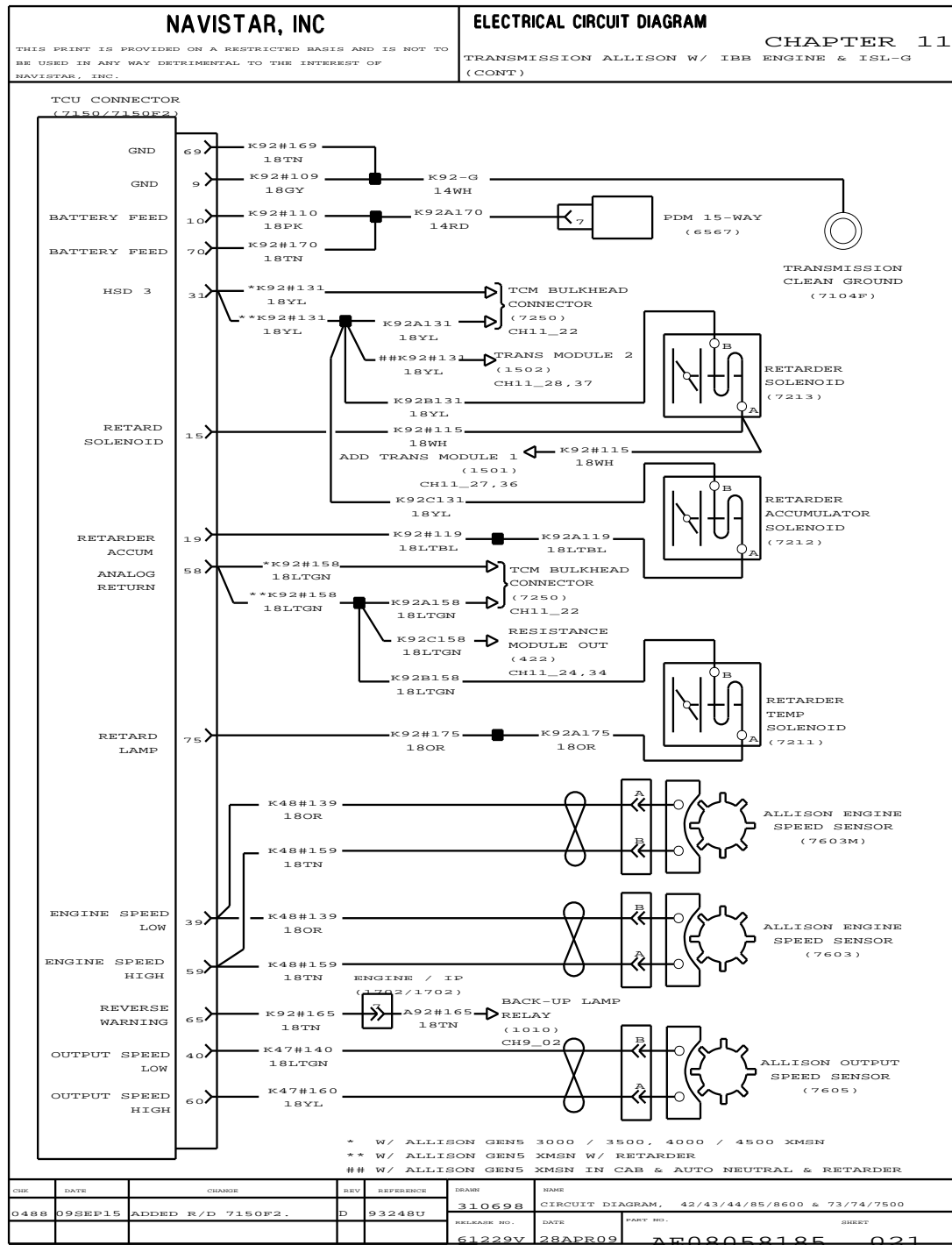


Figure 437 Transmission Allison with IBB Engine and ISL-G (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

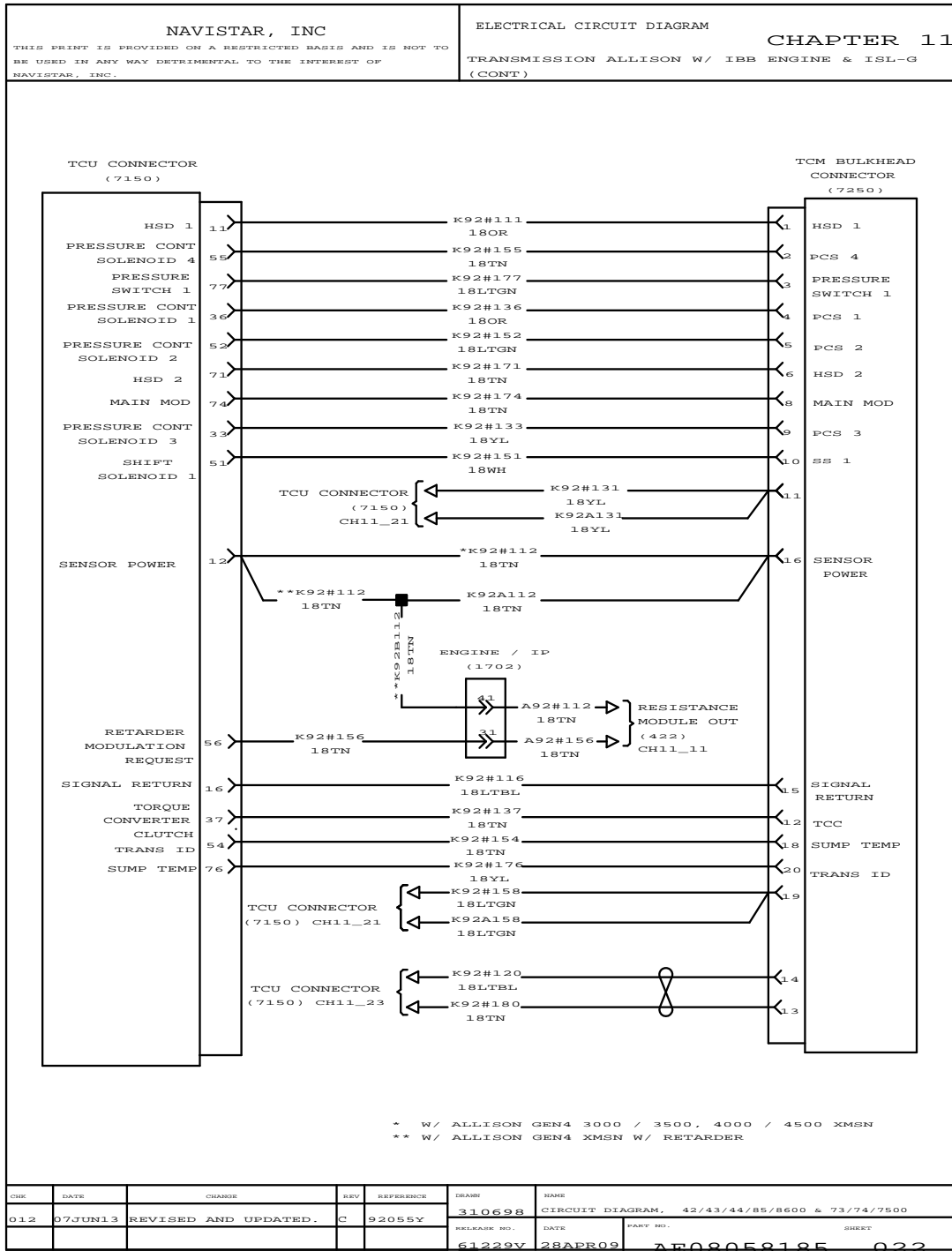


Figure 438 Transmission Allison with IBB Engine and ISL-G (Cont.)

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

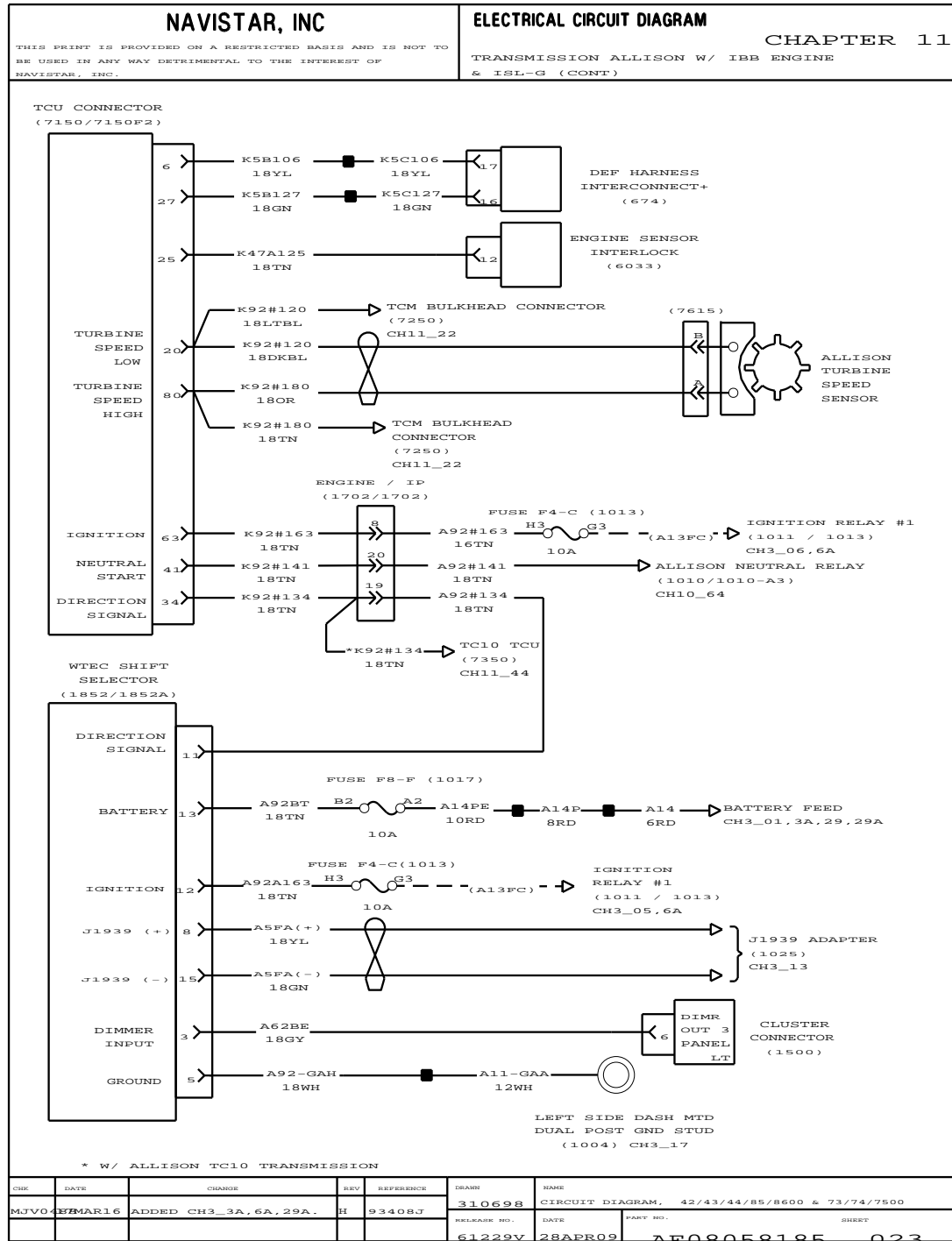


Figure 439 Transmission Allison with IBB Engine and ISL-G (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

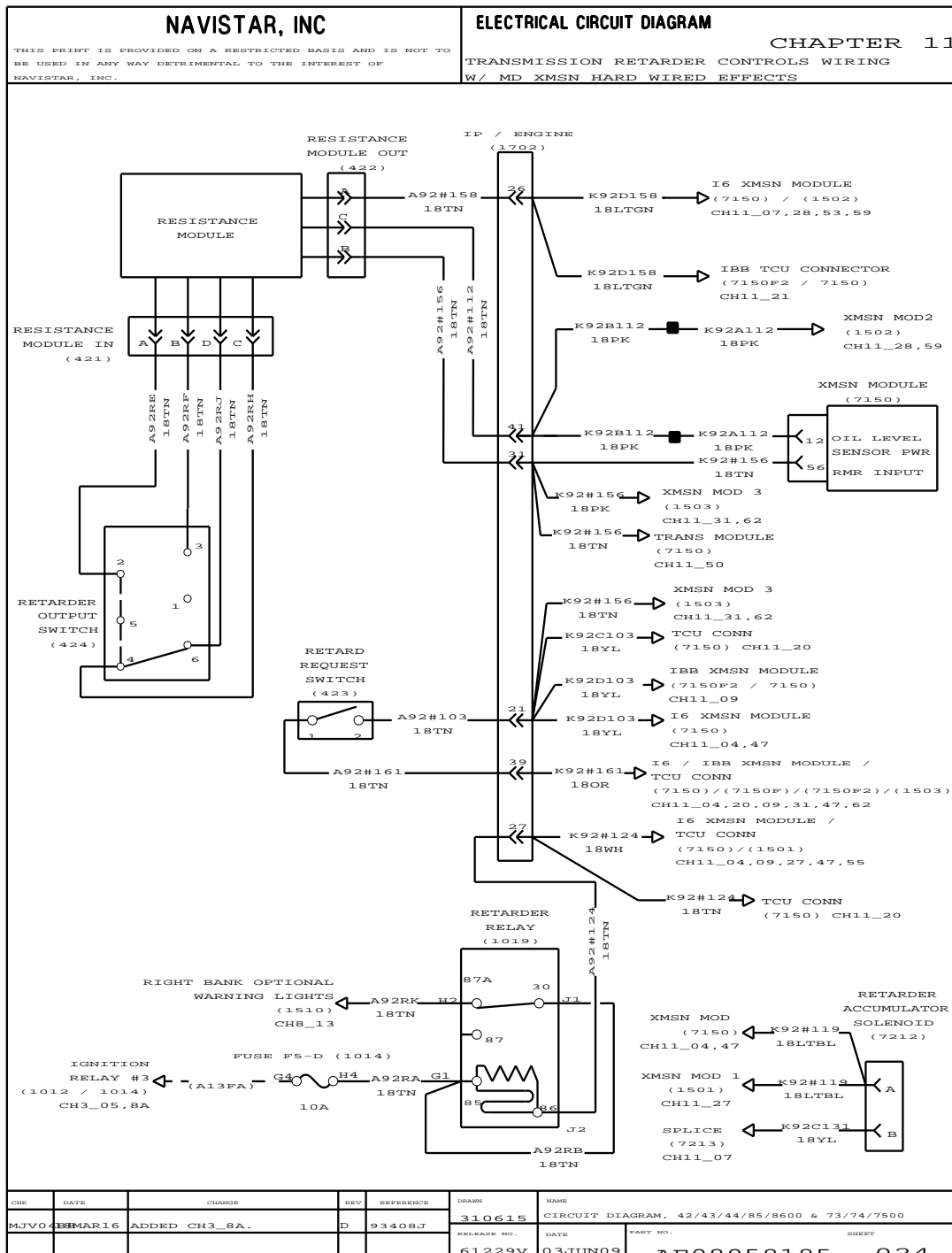


Figure 440 Transmission Retarder Controls Wiring with MD Transmission Hard Wired Effects

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

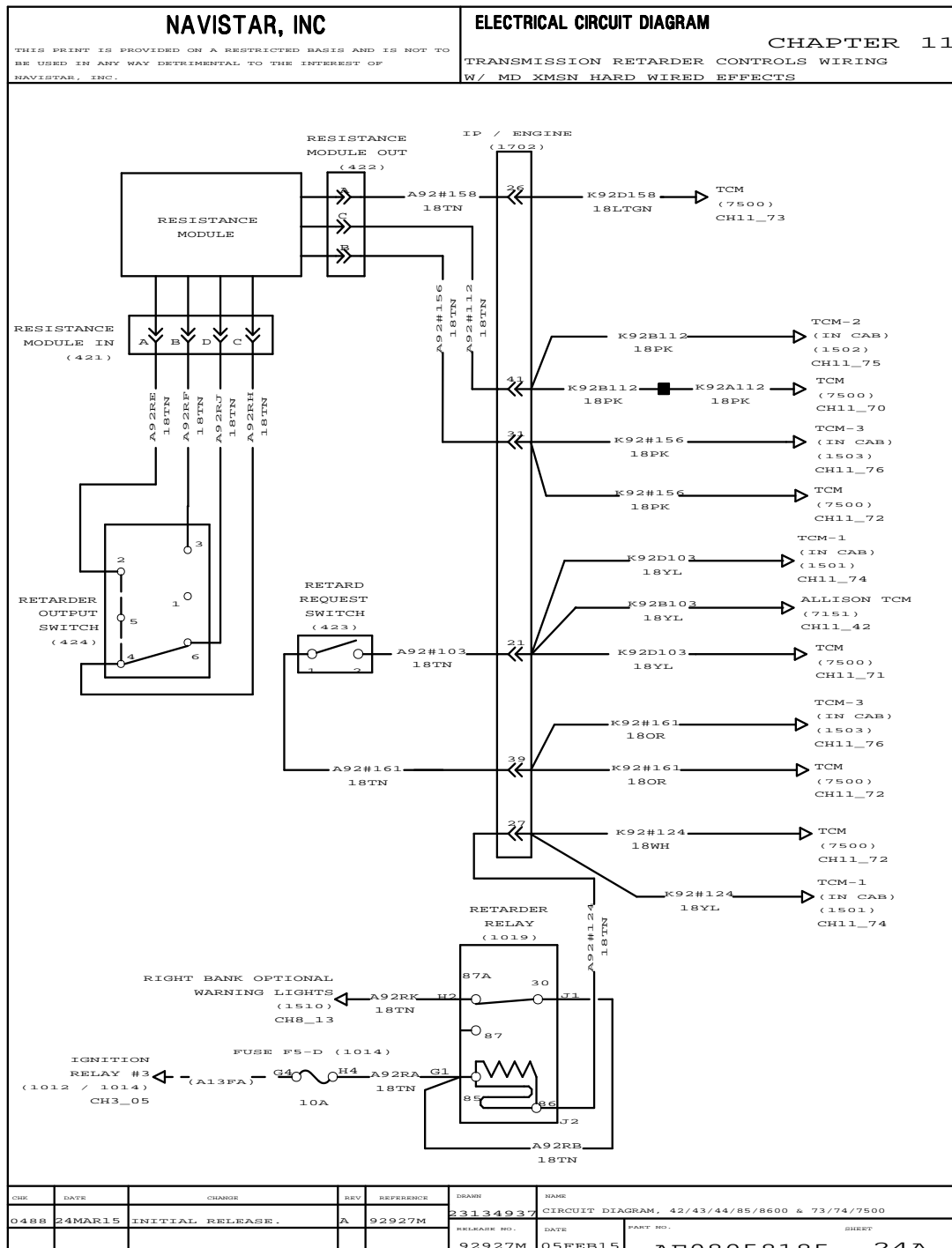


Figure 441 Transmission Retarder Controls Wiring with MD Transmission Hard-Wired Effects

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

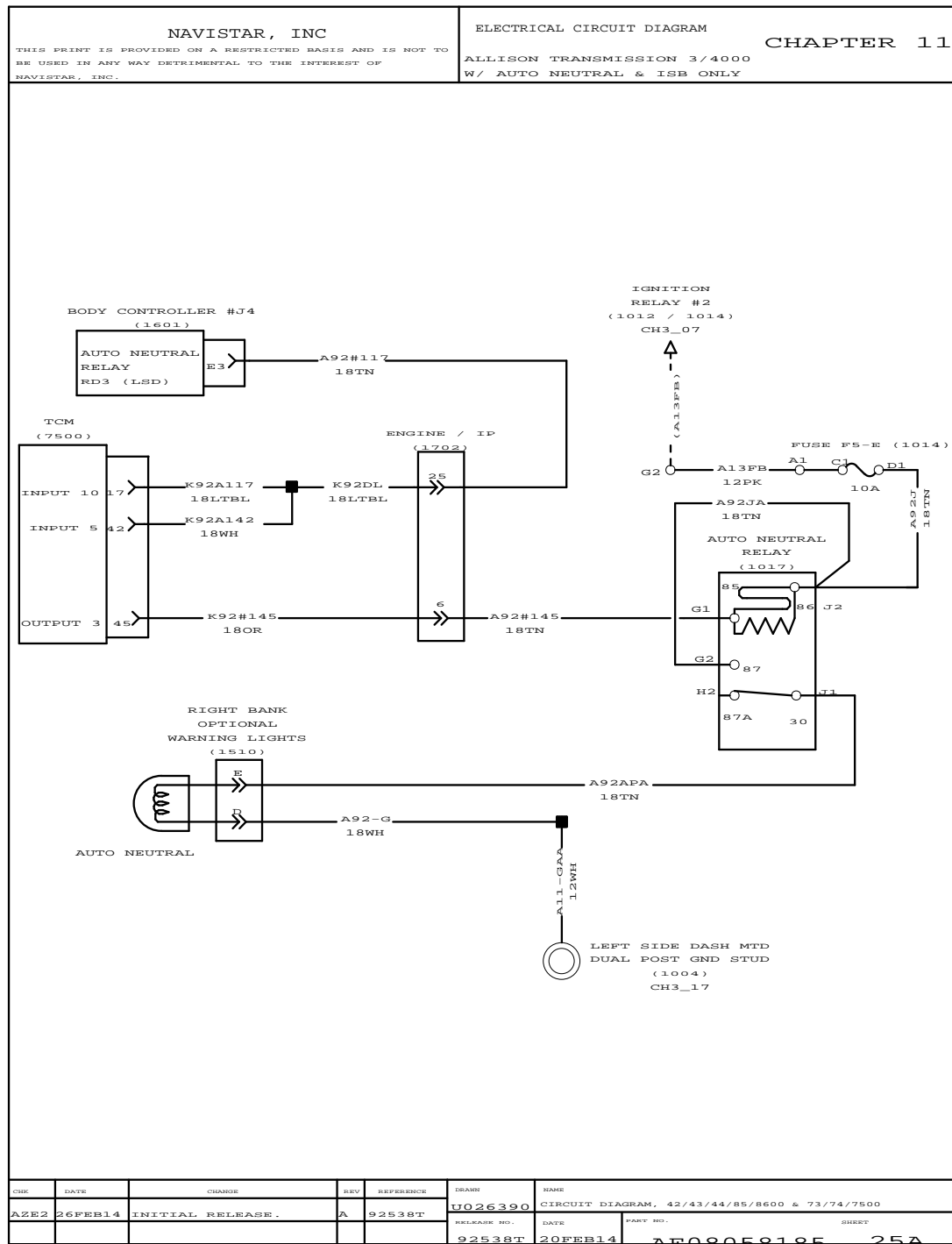


Figure 443 Allison Transmission 3 / 4000 Gen 4 with Auto Neutral and ISB Only

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

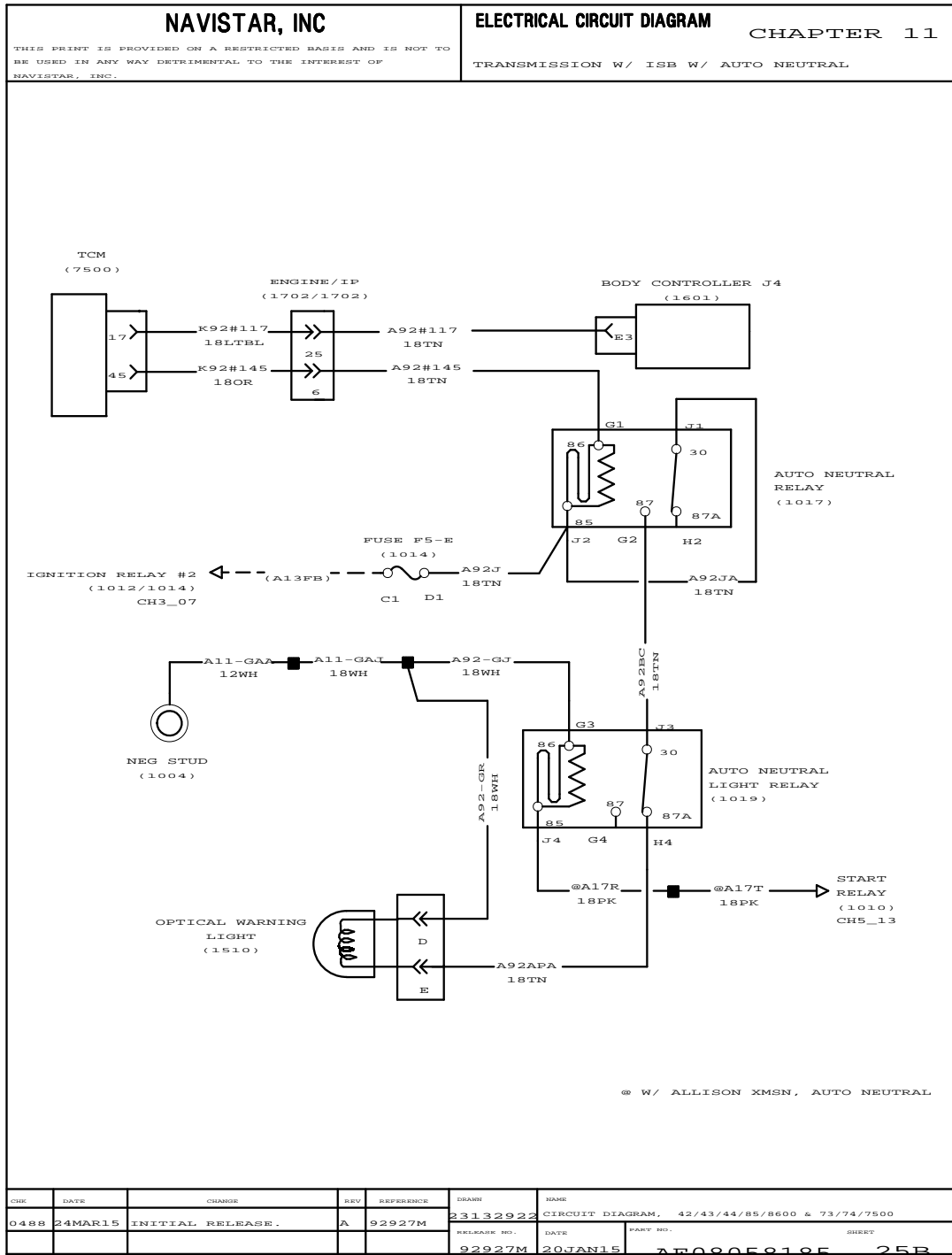


Figure 444 Transmission with ISB with Auto Neutral

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

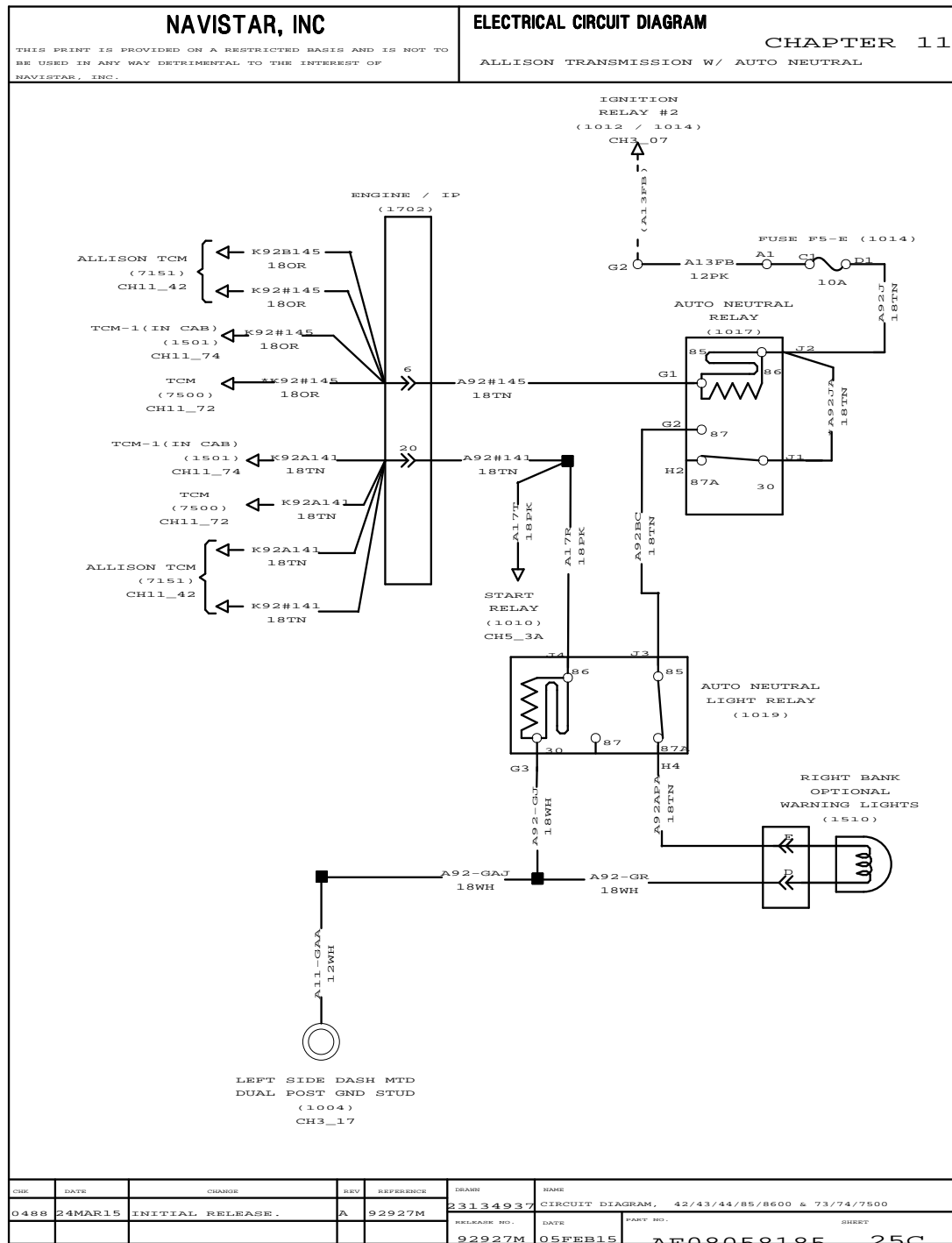


Figure 445 Allison Transmission with Auto Neutral

ELECTRICAL CIRCUIT DIAGRAM MANUAL

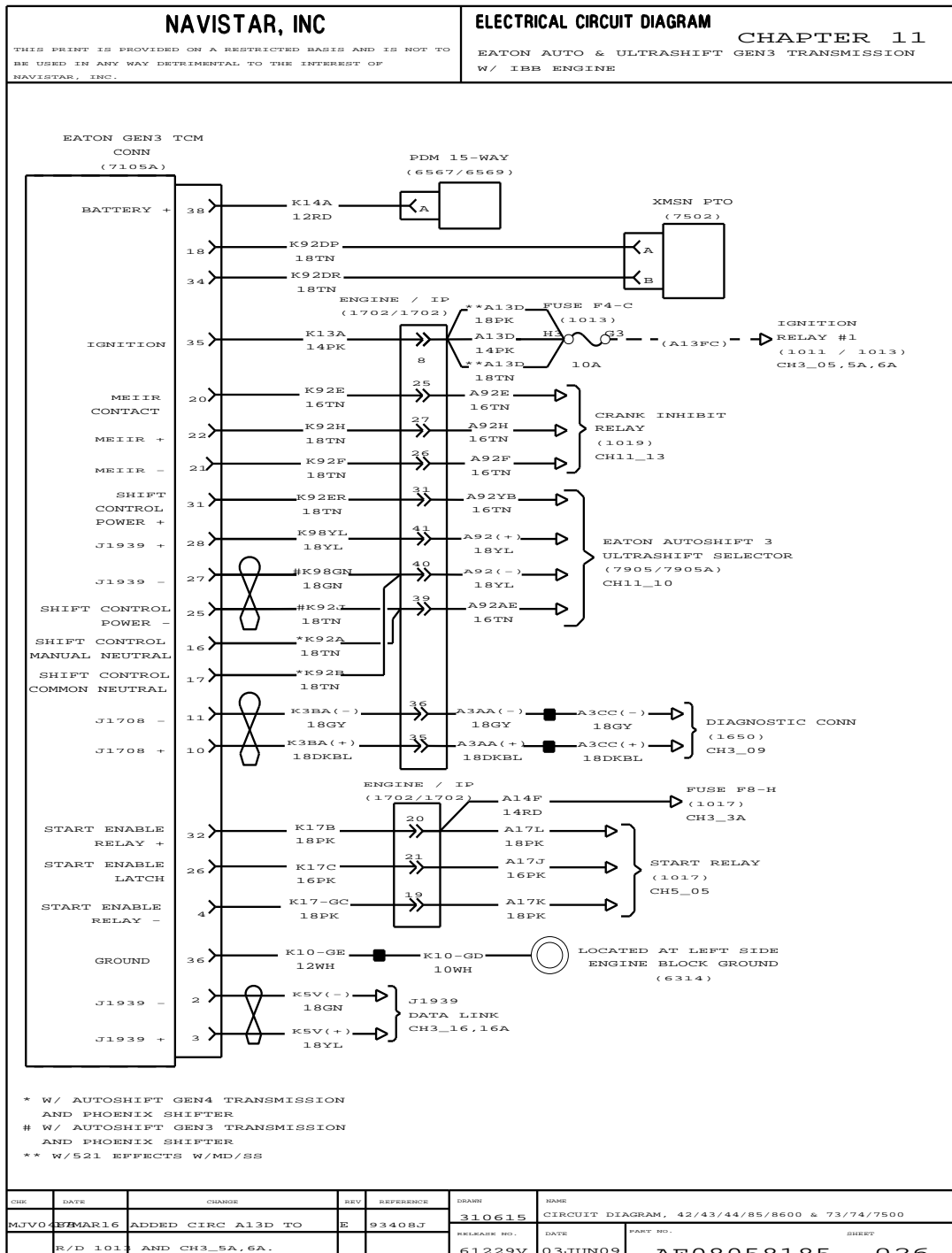
11.31. EATON AUTO AND ULTRASHIFT GEN 3 TRANSMISSION WITH IBB ENGINE,
P. 26

Figure 446 Eaton Auto and Ultrashift Gen 3 Transmission with IBB Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

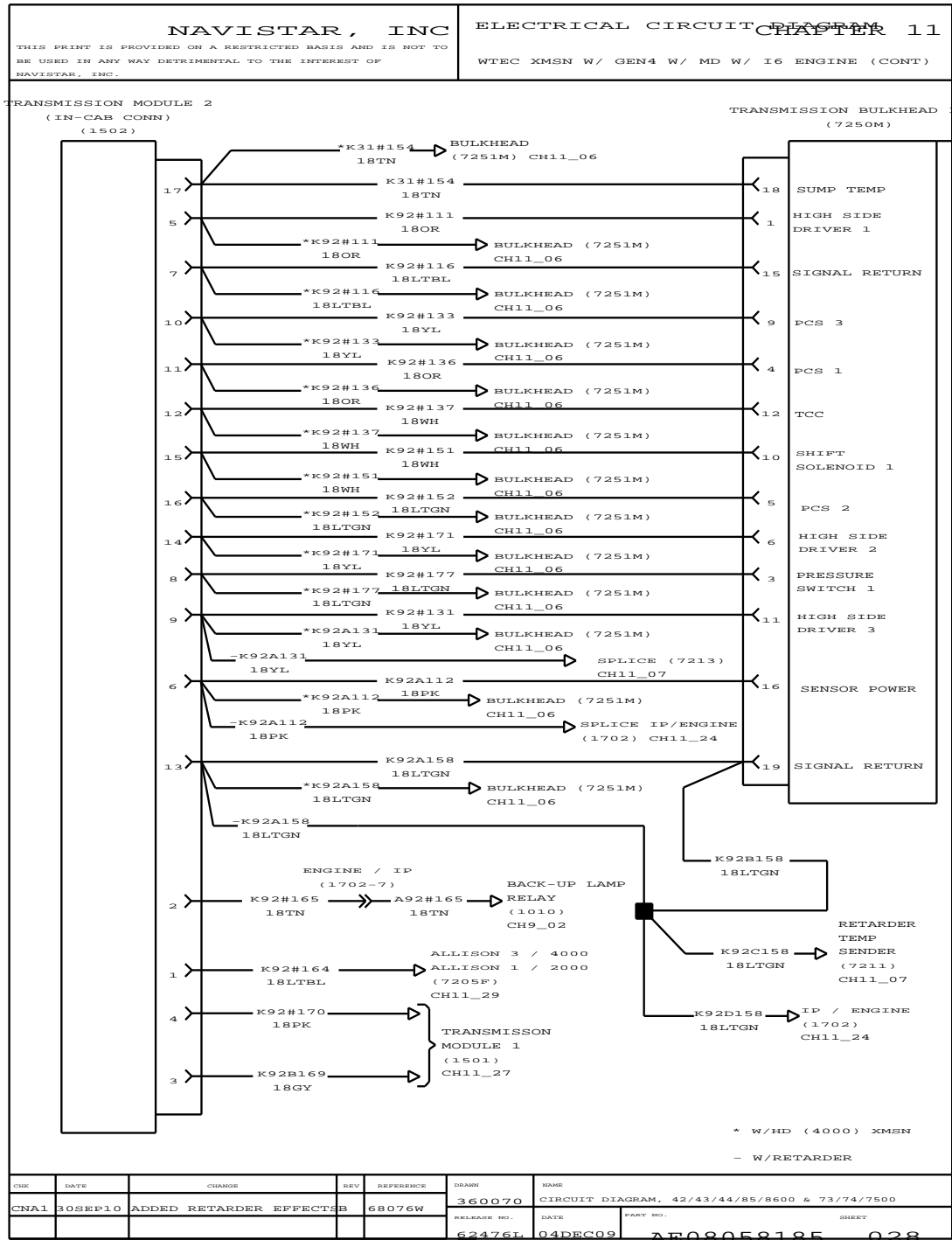


Figure 448 WTEC Transmission with Gen4 with MD with I6 Engine (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

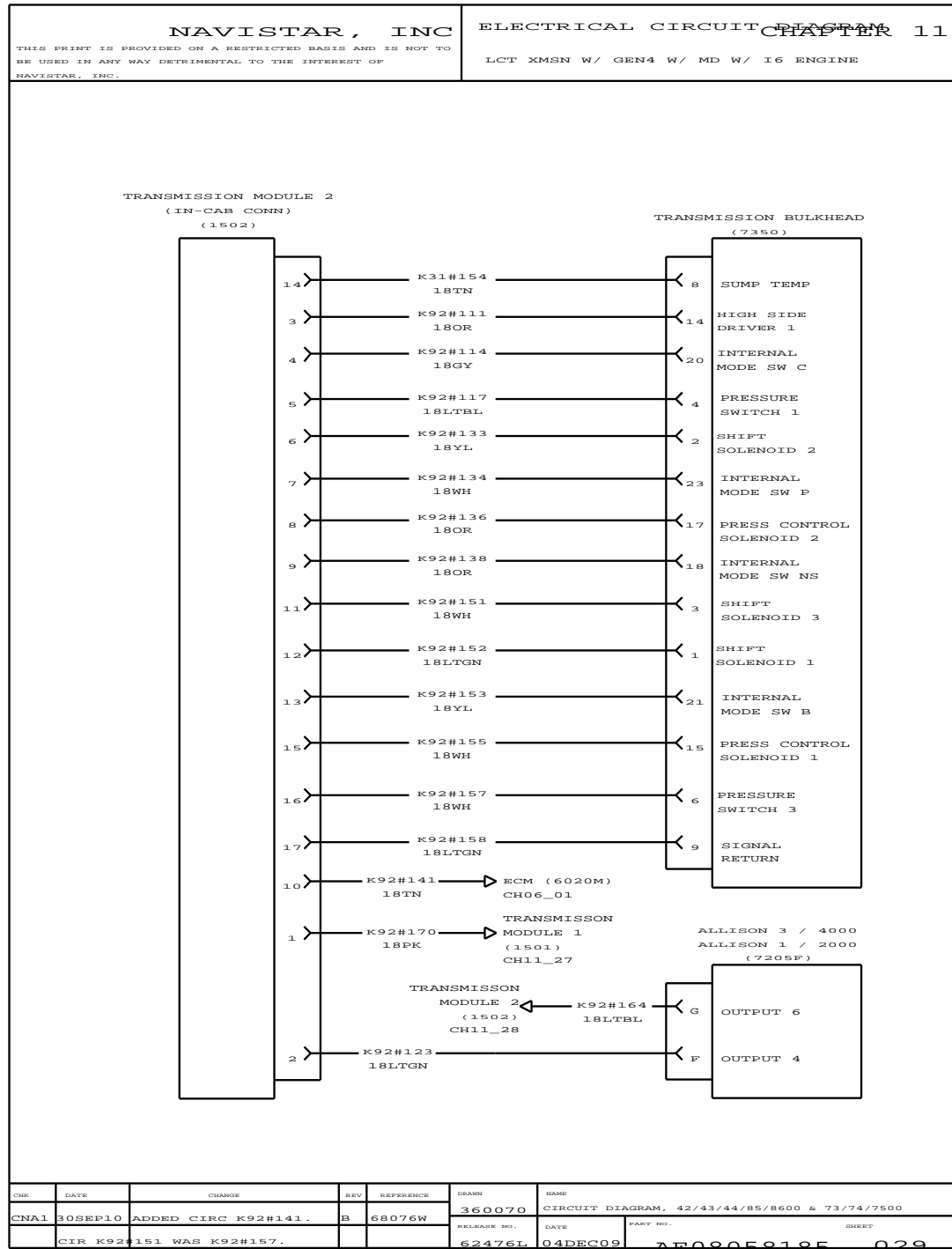


Figure 449 LCT Transmission with Gen4 with MD with I6 Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

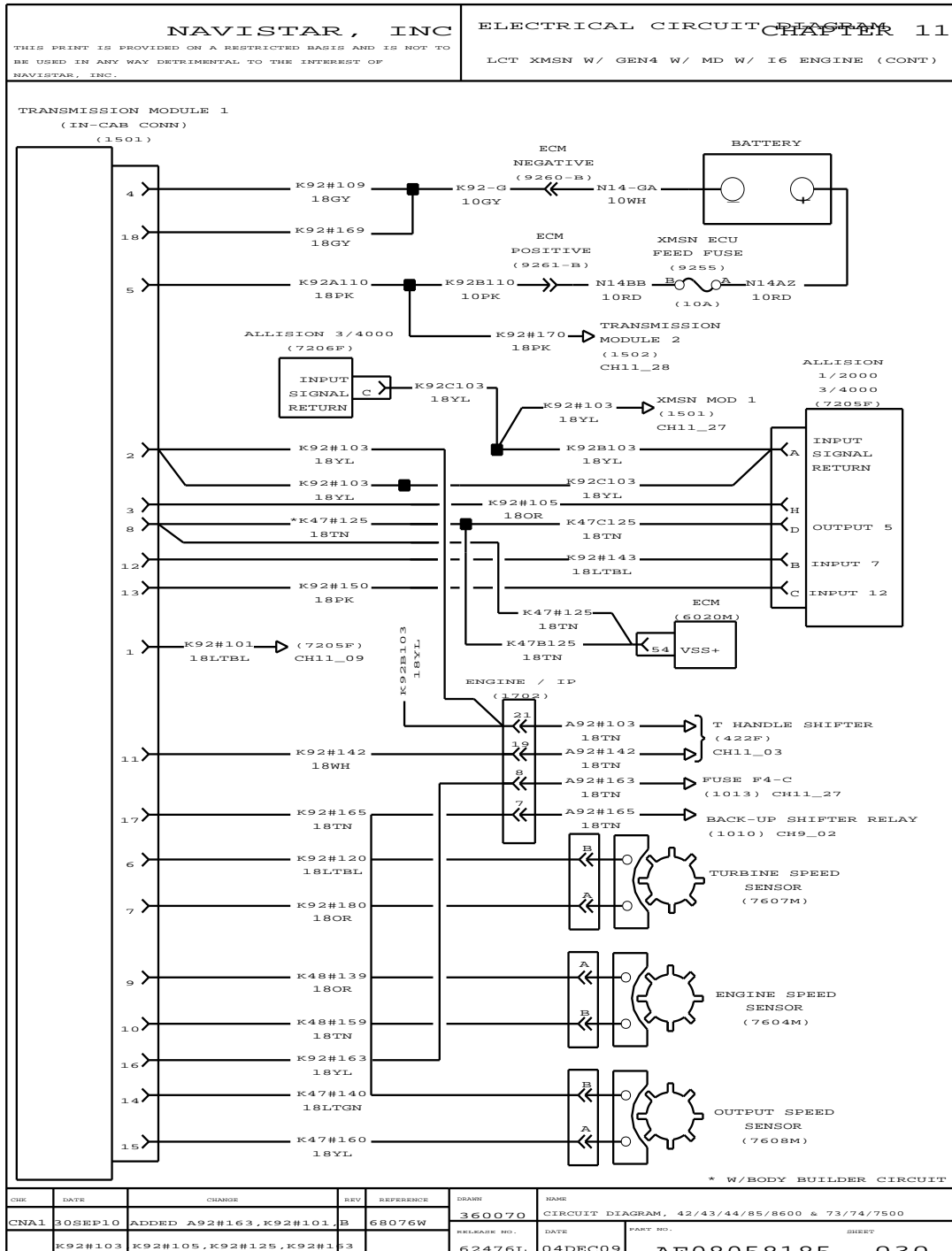


Figure 450 LCT Transmission with Gen4 with MD with I6 Engine (Cont.)

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

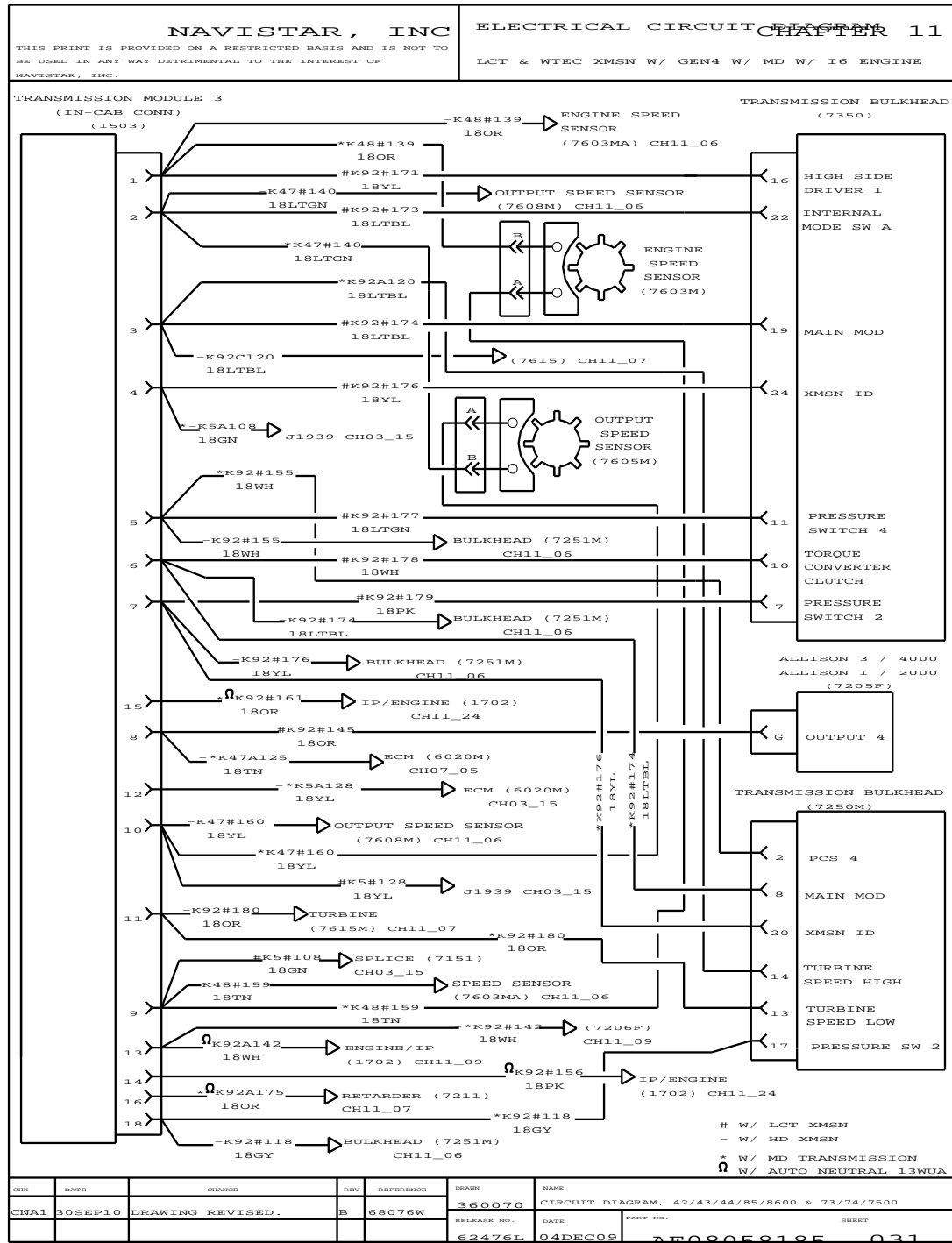


Figure 451 LCT and WTEC Transmission with Gen4 with MD with I6 Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

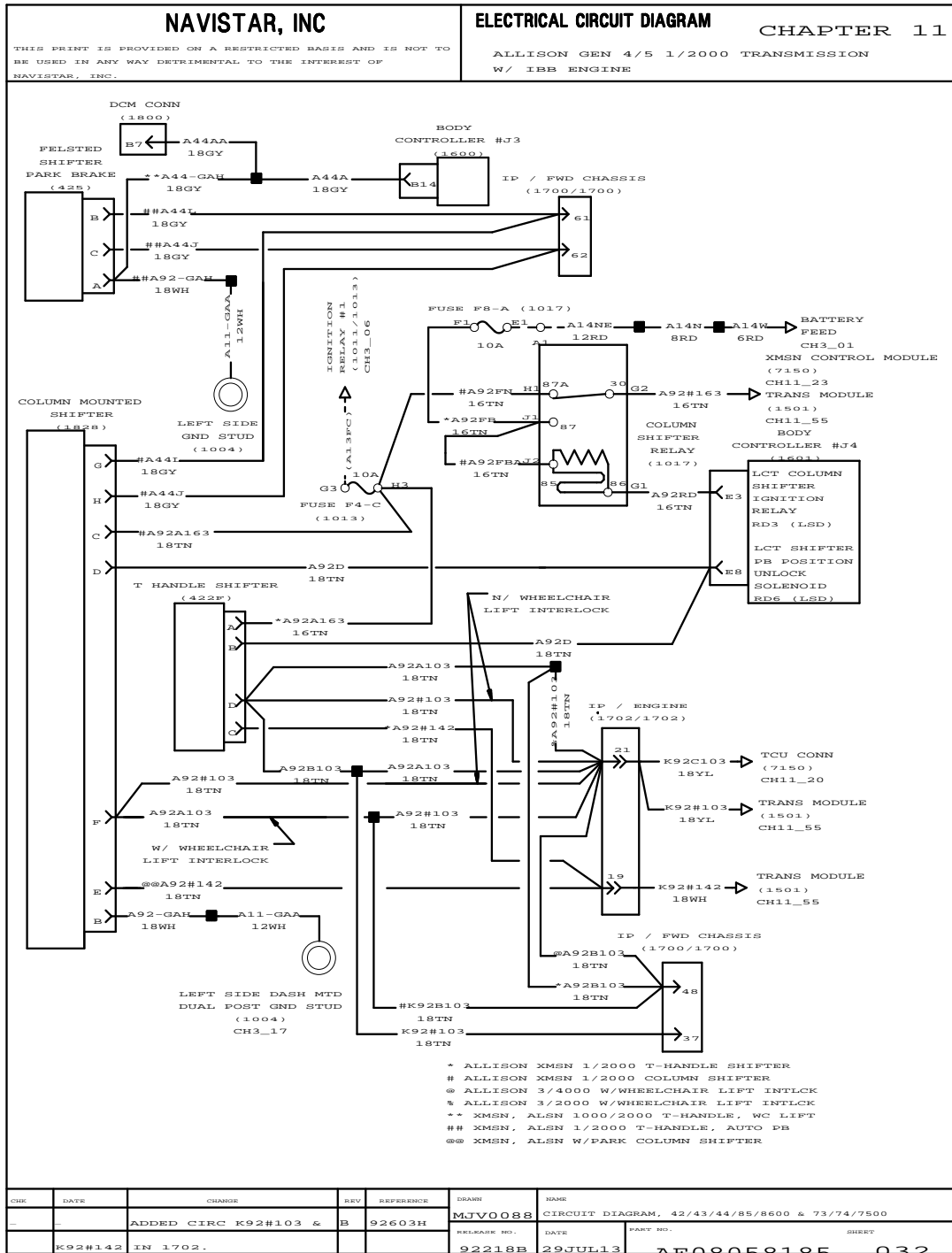


Figure 452 Allison Gen 4/5 1/2000 Transmission with IBB Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

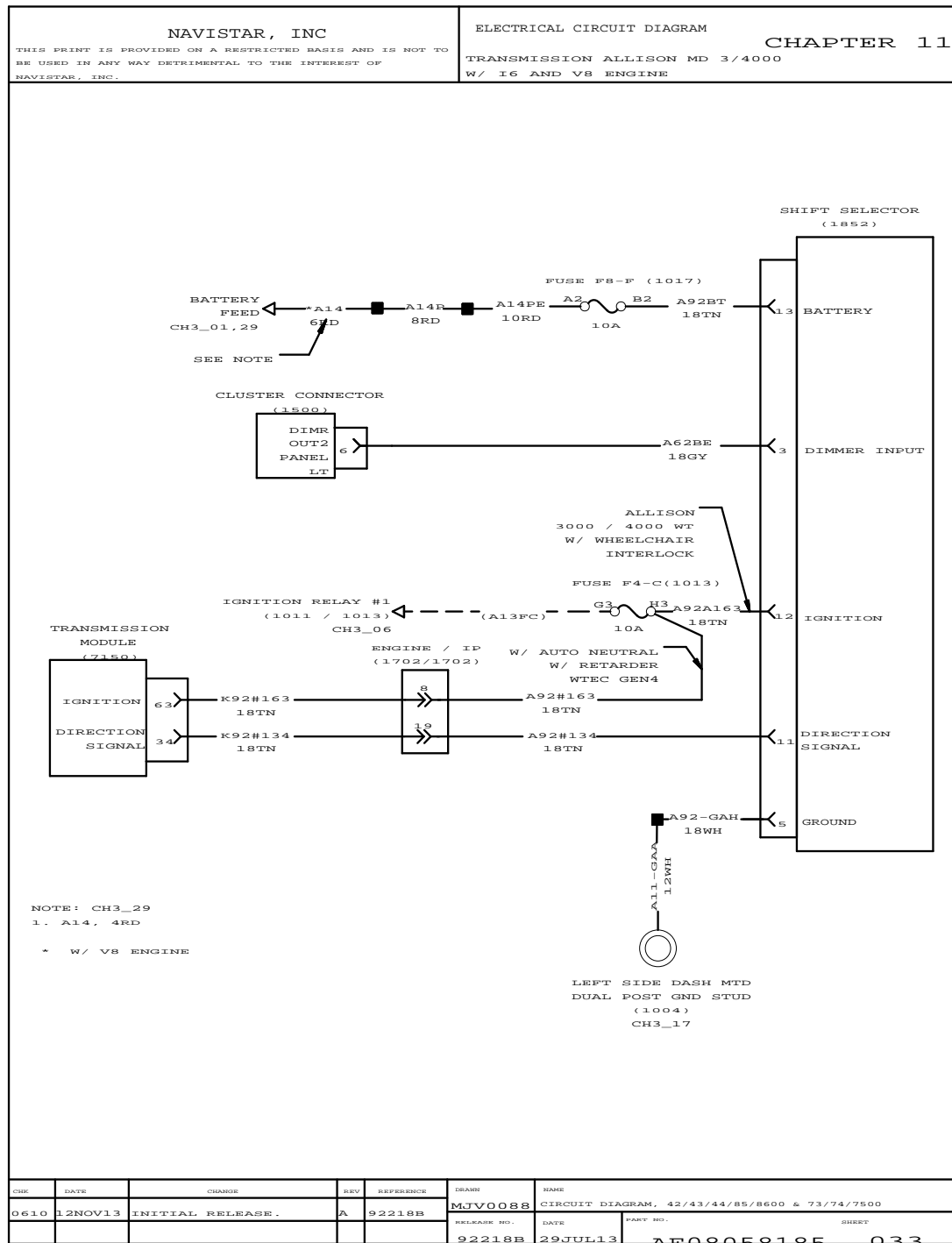


Figure 453 Transmission Allison MD 3/4000 with I6 and V8 Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

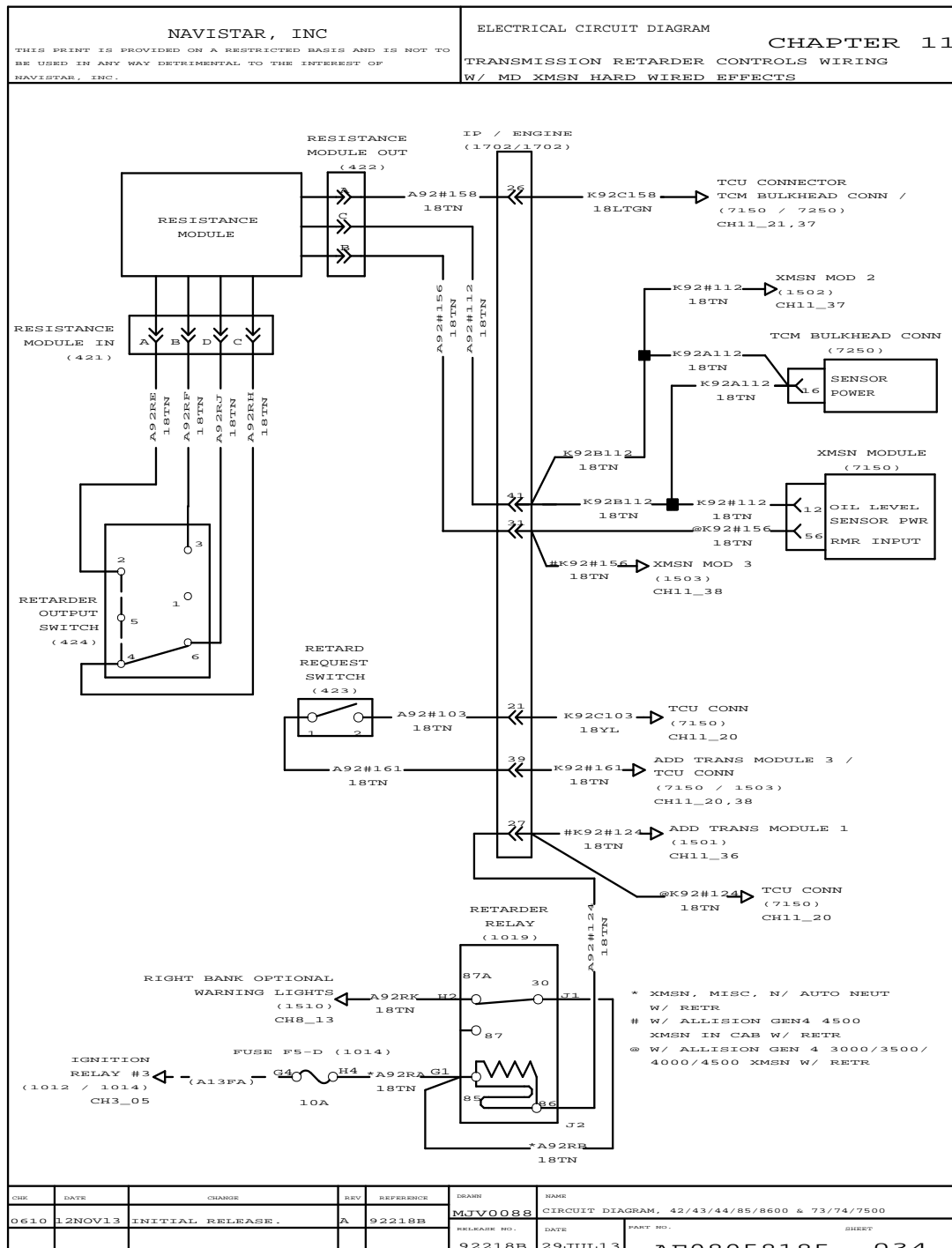


Figure 454 Transmission Retarder Controls Wiring with MD Transmission Hard Wired Effects

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

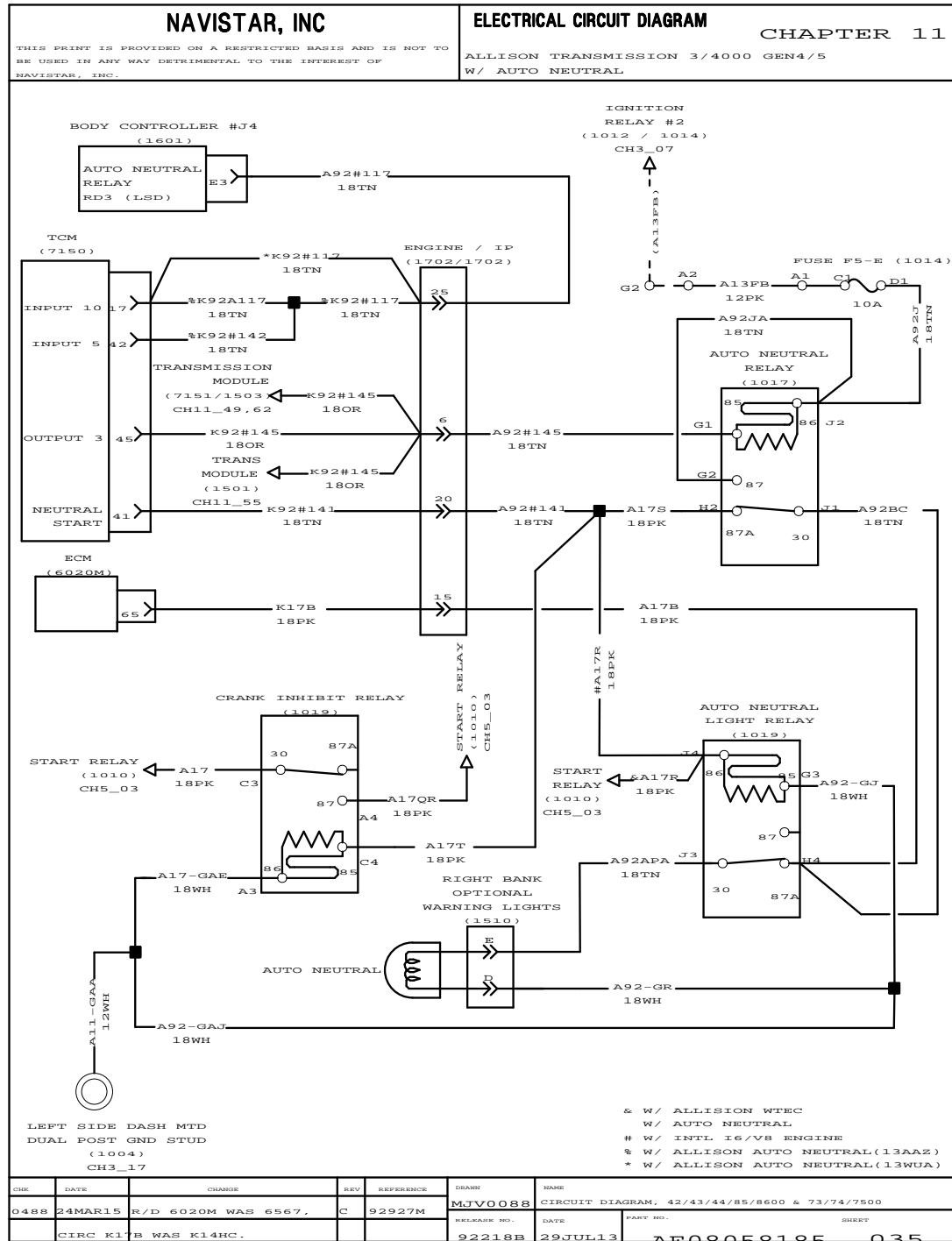


Figure 455 Allison Transmission 3 / 4000 Gen 4 / 5 with Auto Neutral

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

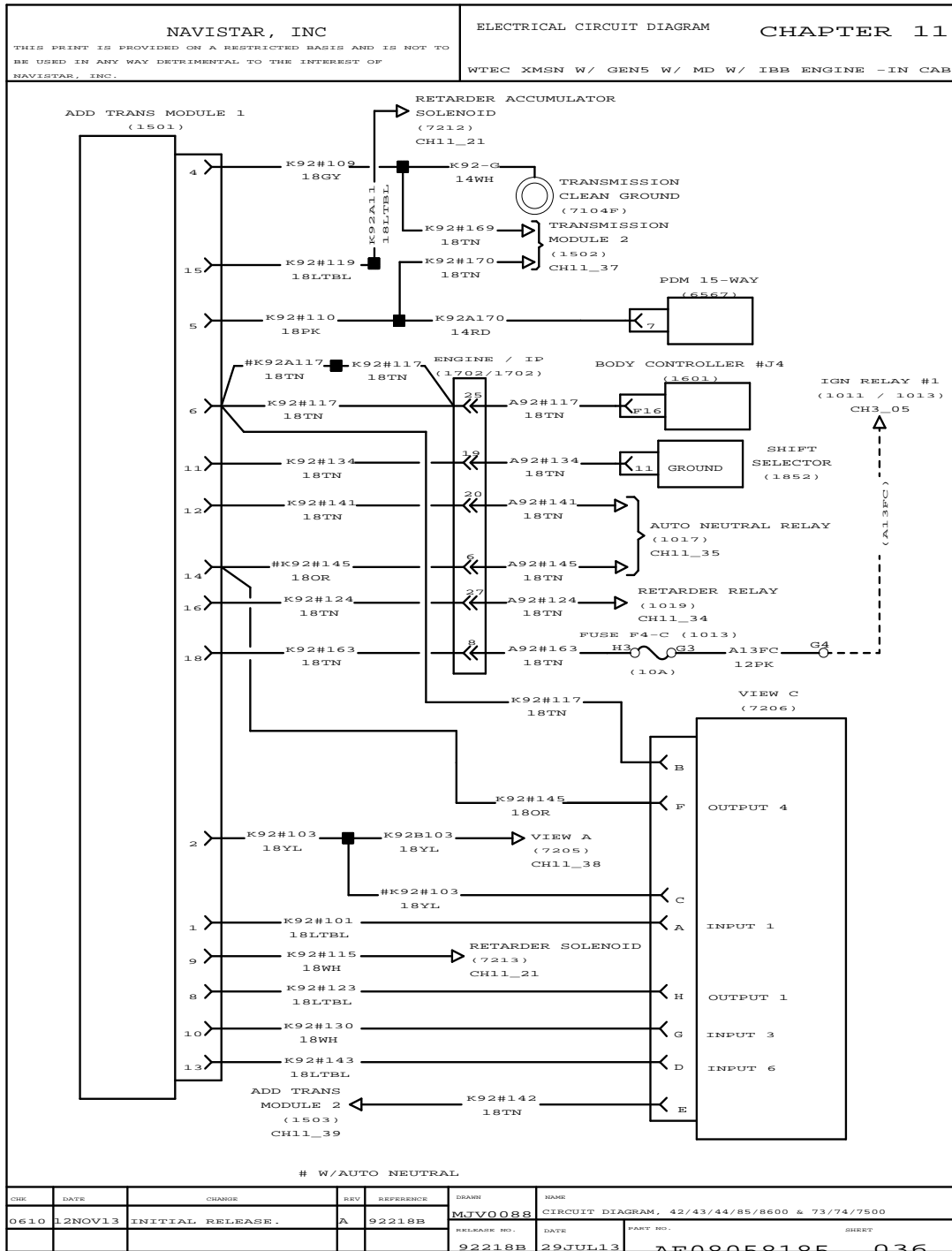


Figure 456 WTEC Transmission with Gen5 with MD with IBB Engine – In Cab

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

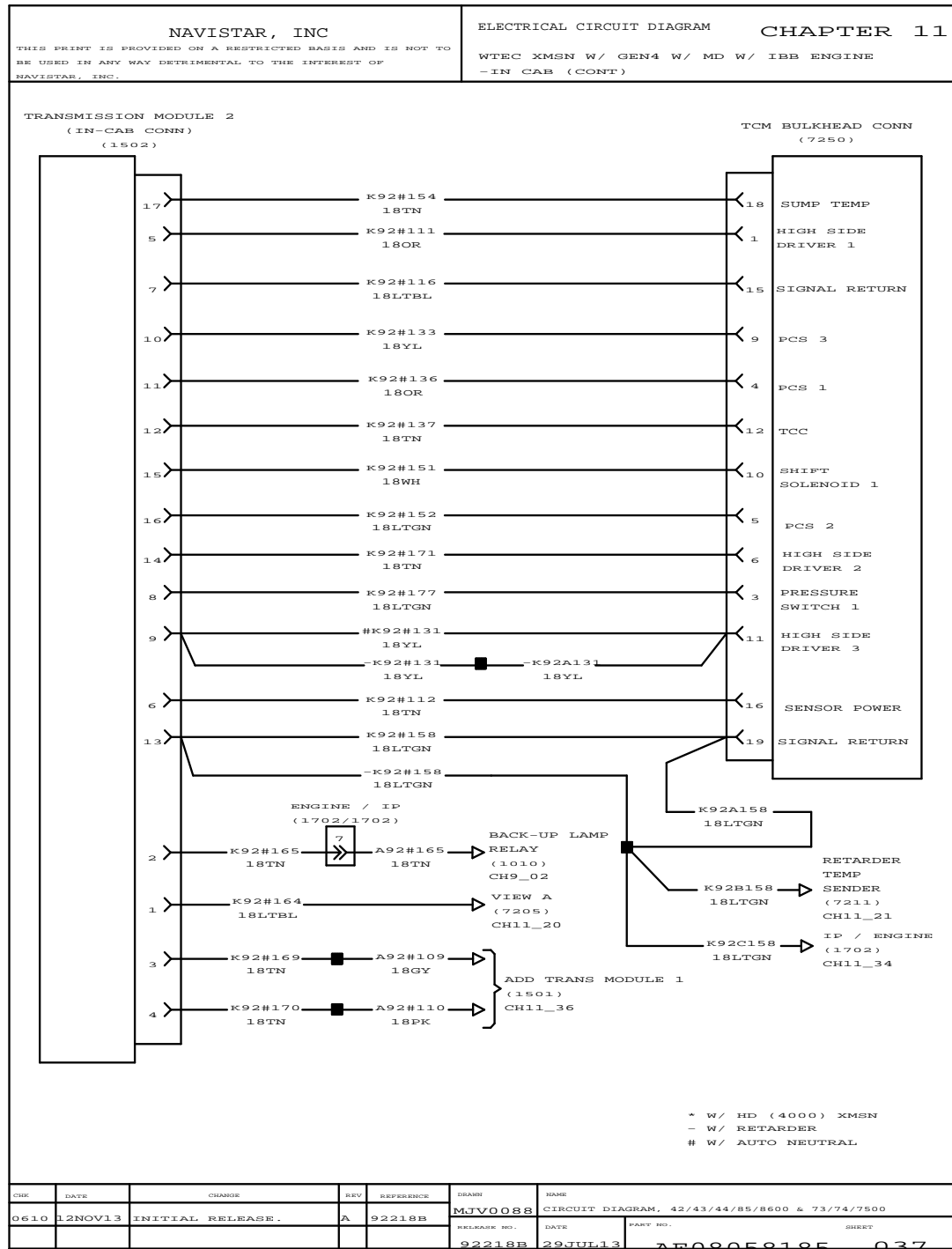


Figure 457 WTEC Transmission with Gen5 with MD with IBB Engine – In Cab (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

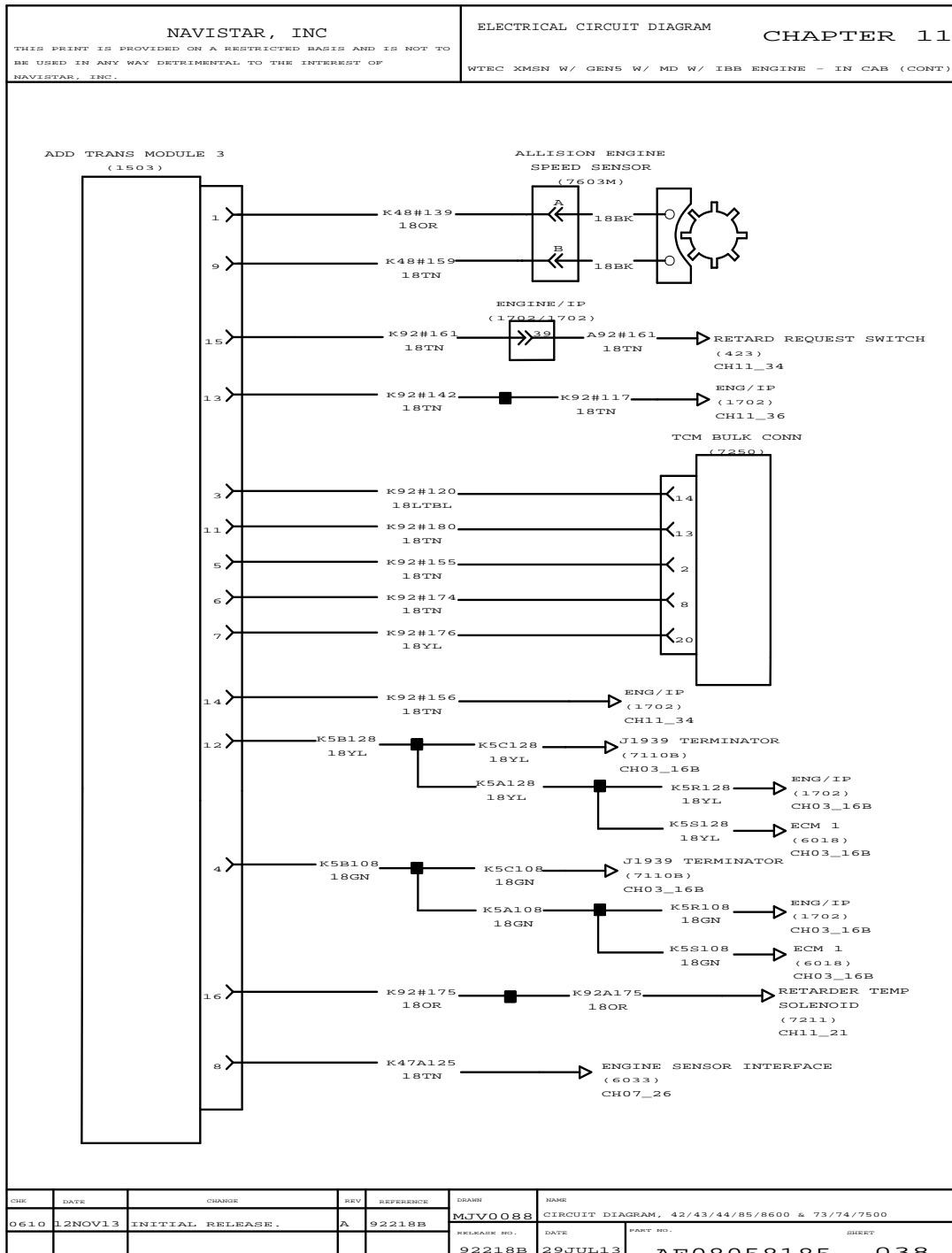


Figure 458 WTEC Transmission with Gen5 with MD with IBB Engine – In Cab (Cont.)

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

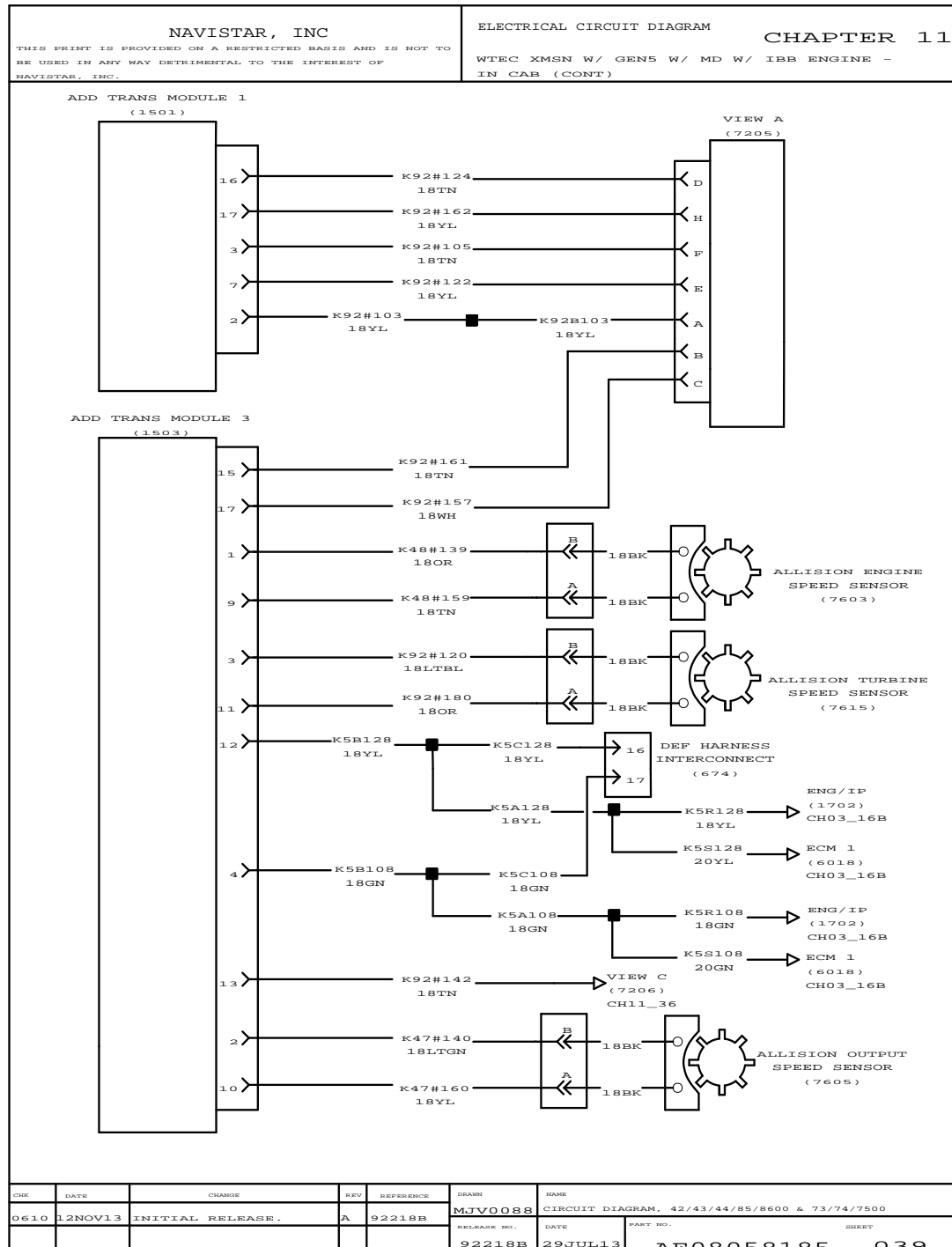


Figure 459 WTEC Transmission with Gen5 with MD with IBB Engine – In Cab (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

11.45. MANUAL TRANSMISSION WITH BYPASS SWITCH, P. 40

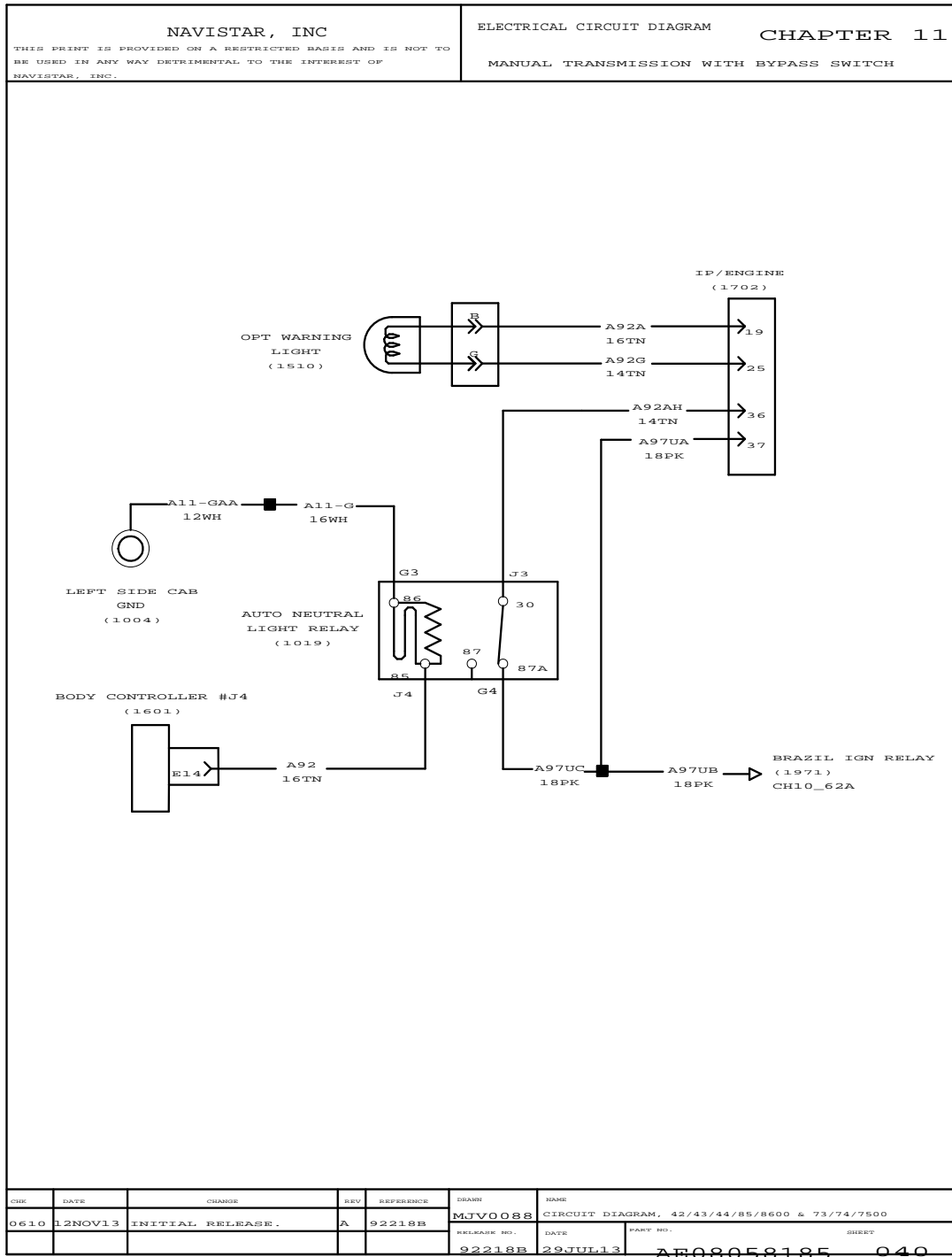


Figure 460 Manual Transmission with Bypass Switch

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

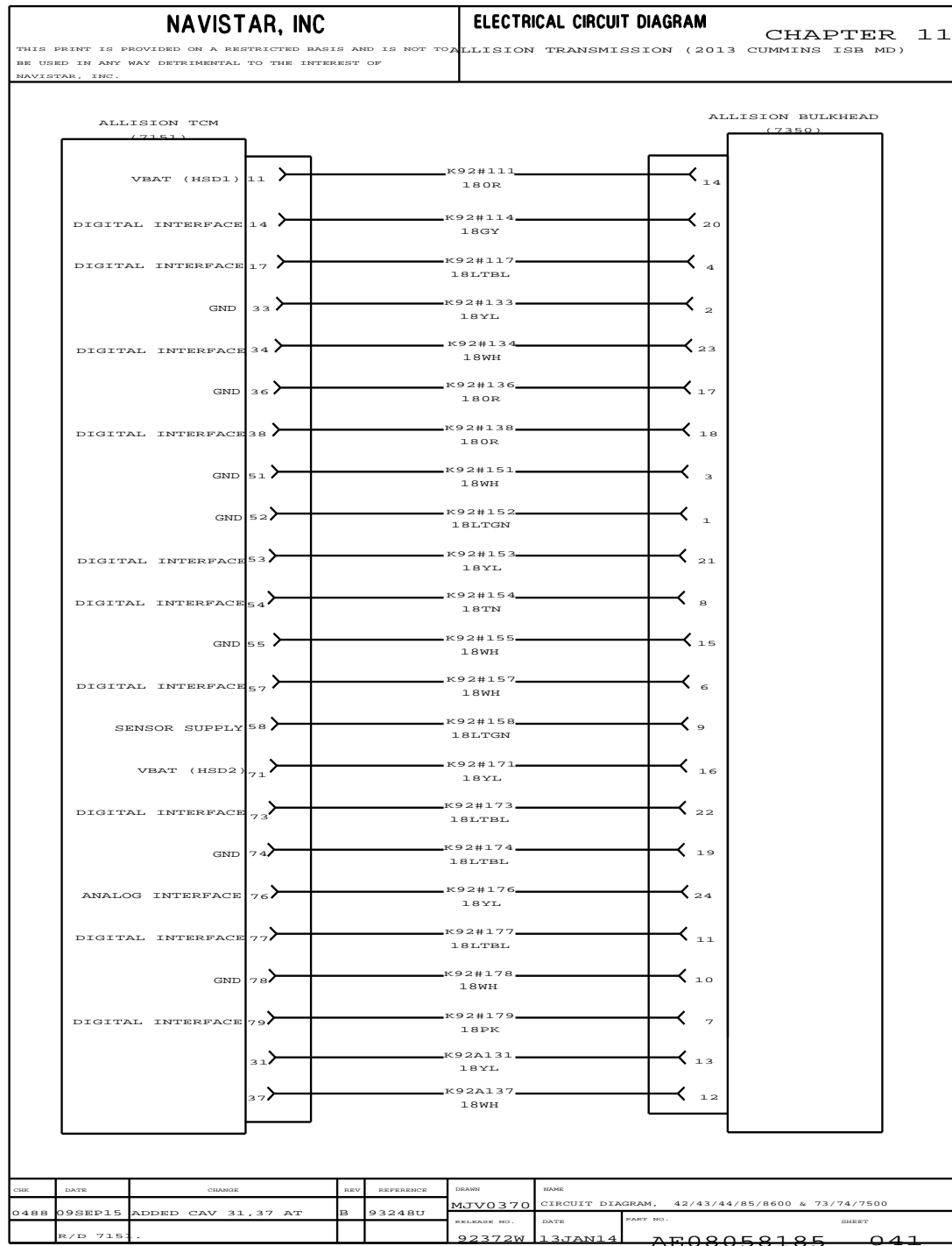


Figure 461 Allison Transmission (2013 Cummins ISB MD)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

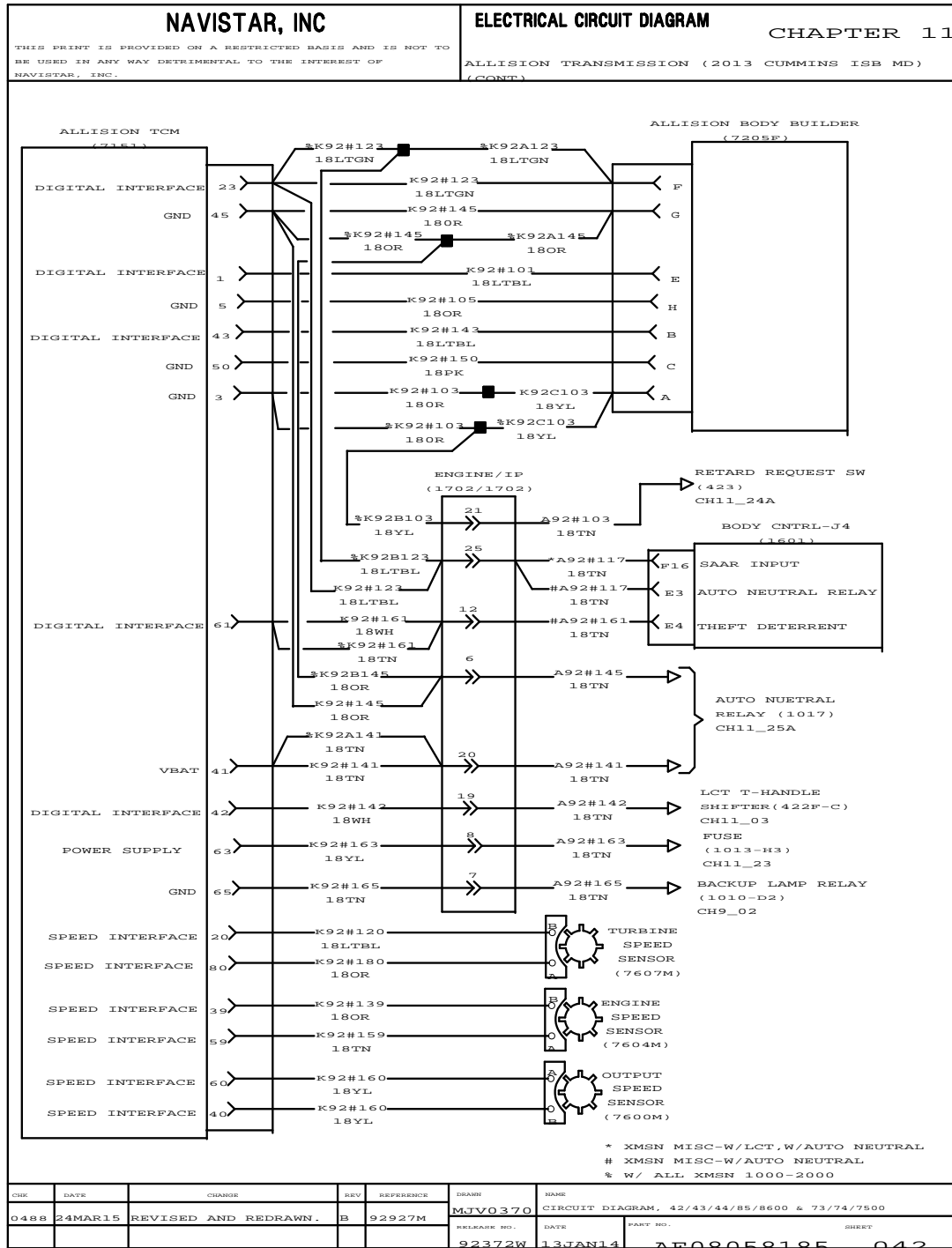


Figure 462 Allison Transmission (2013 Cummins ISB MD) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

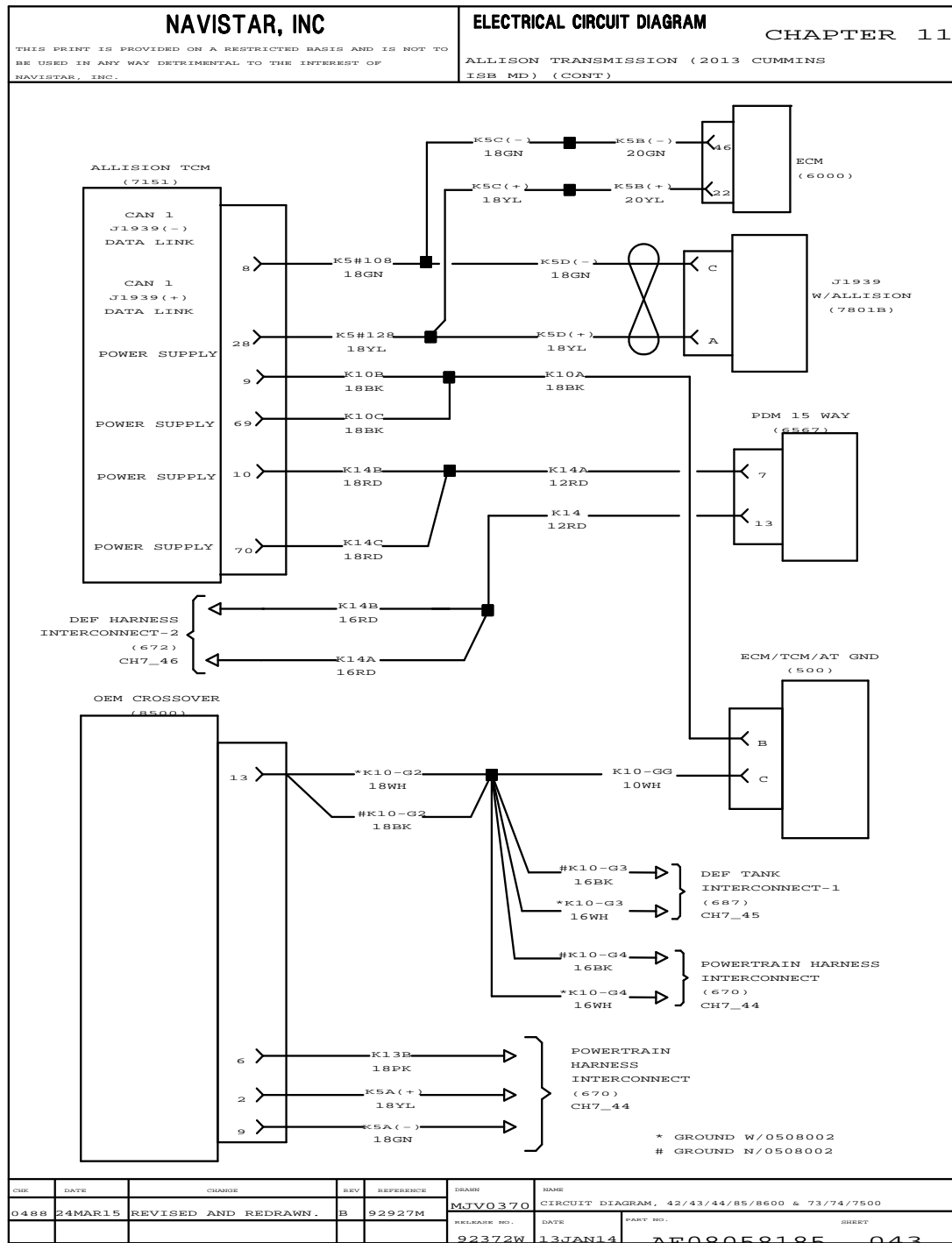


Figure 463 Allison Transmission (2013 Cummins ISB MD) (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

11.49. ALLISON TRANSMISSION TC10 TRANSMISSION, P. 44

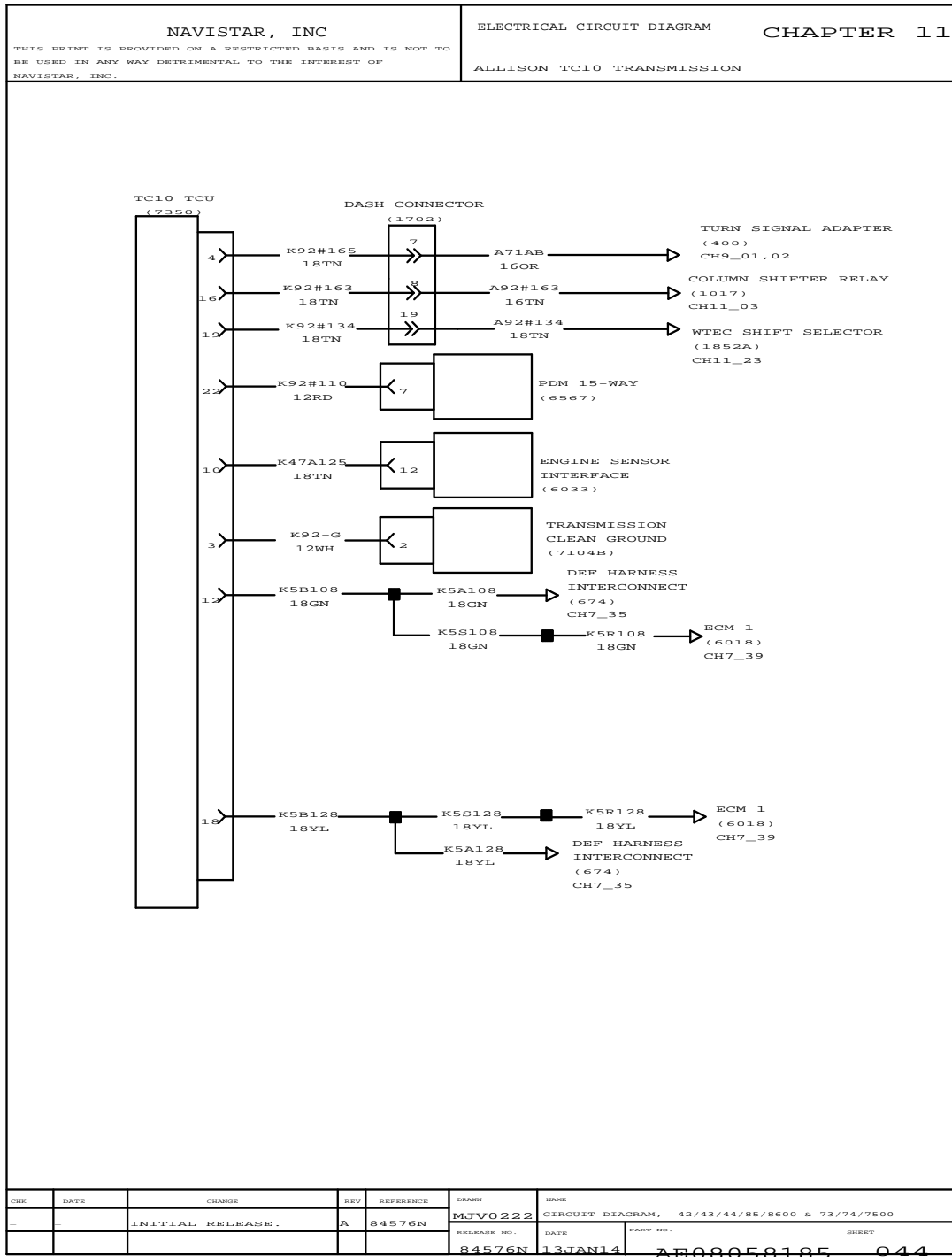


Figure 464 Allison Transmission TC10 Transmission

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

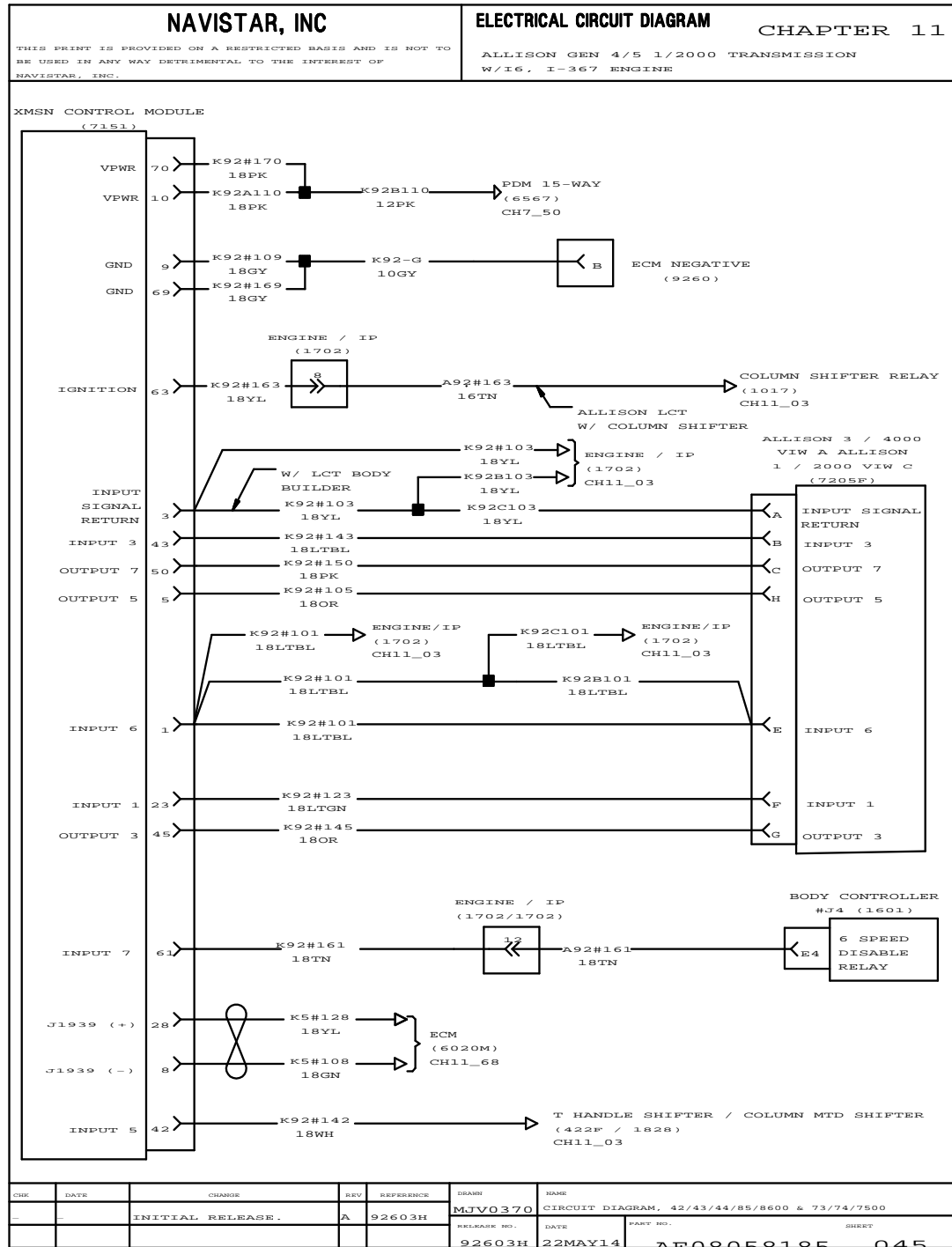


Figure 465 Allison Gen 4/5 1/2000 Transmission with I6, 1-367 Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

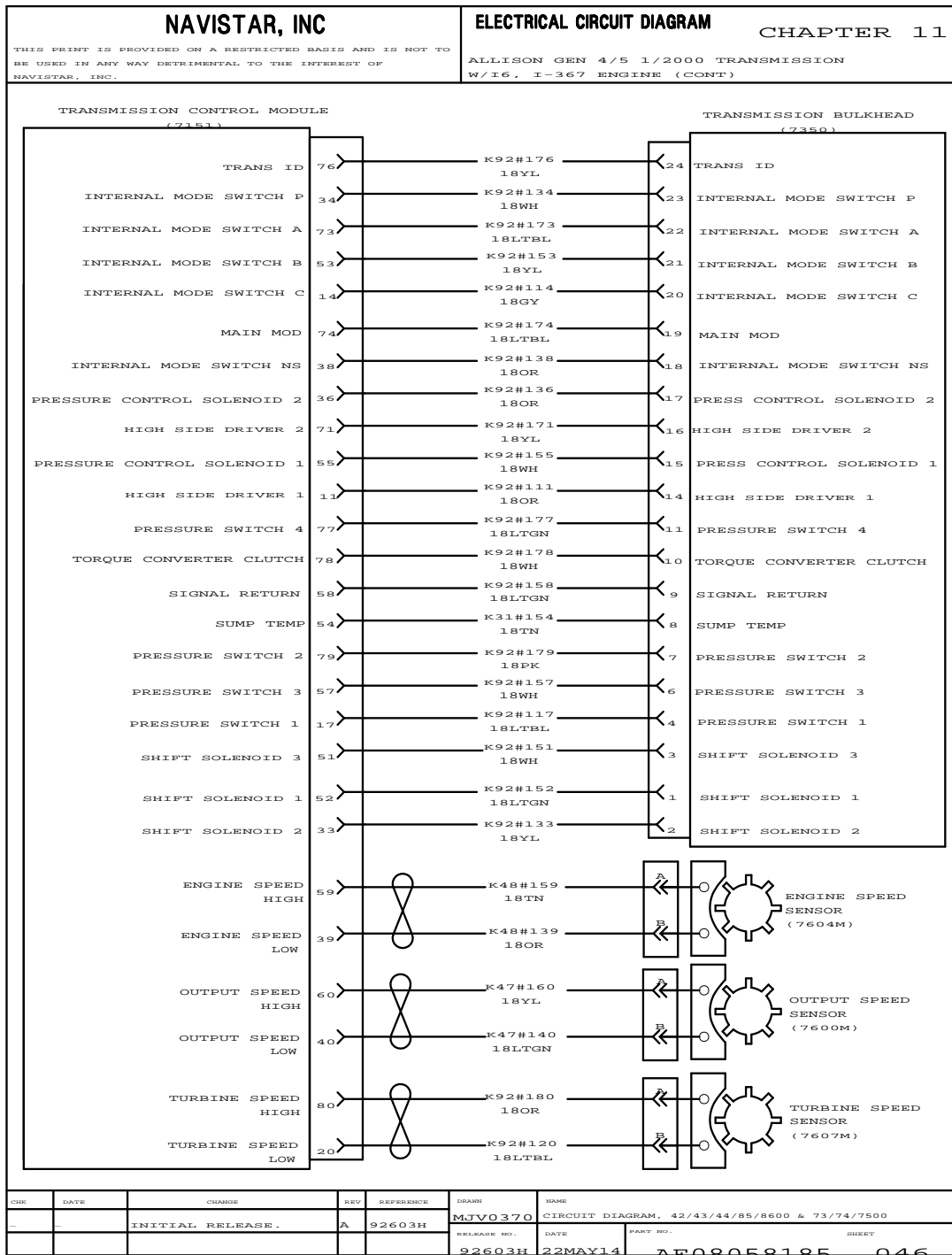


Figure 466 Allison Gen 4/5 1/2000 Transmission with I6, 1-367 Engine (Cont.)

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

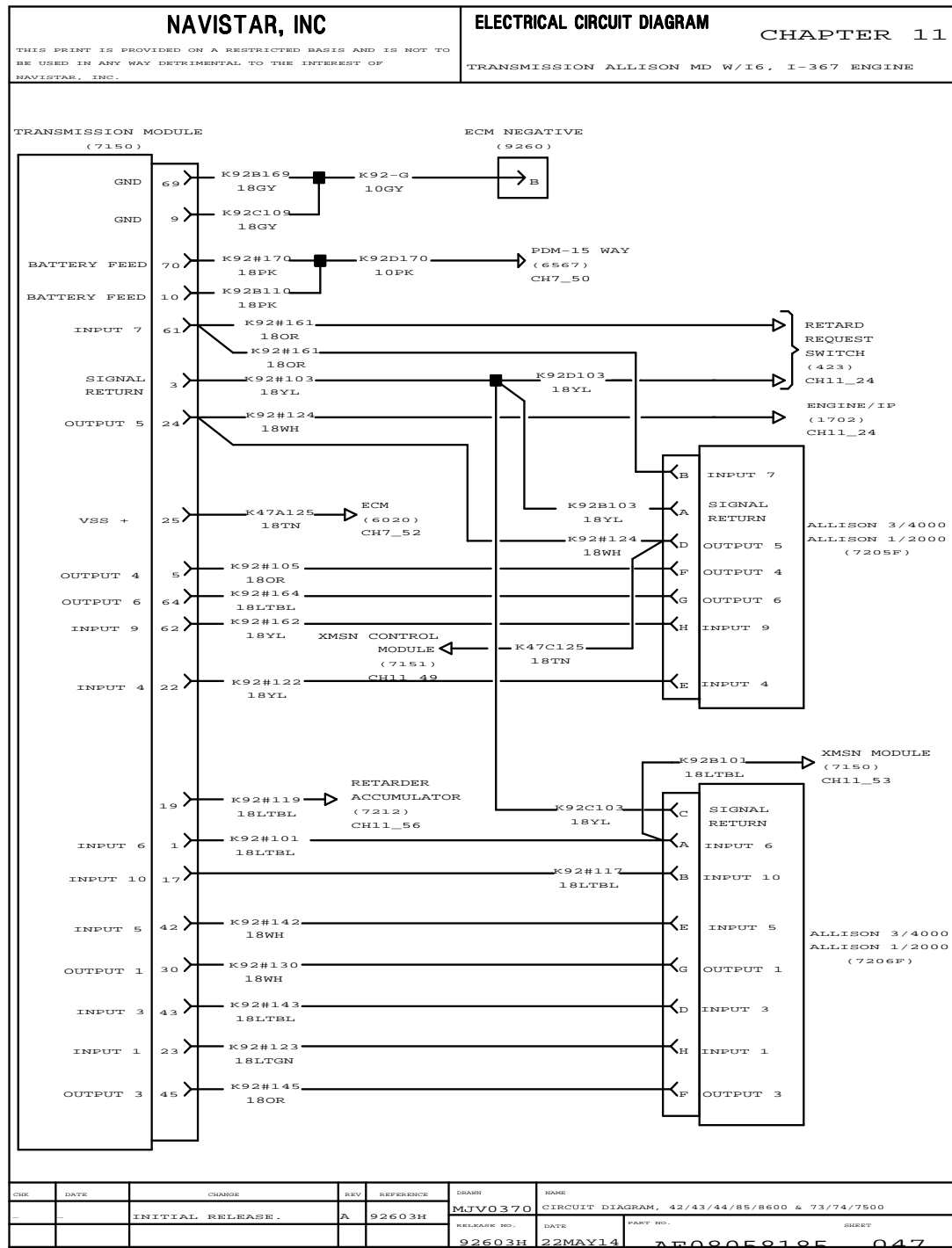


Figure 467 Transmission Allison MD with I6, I-367 Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

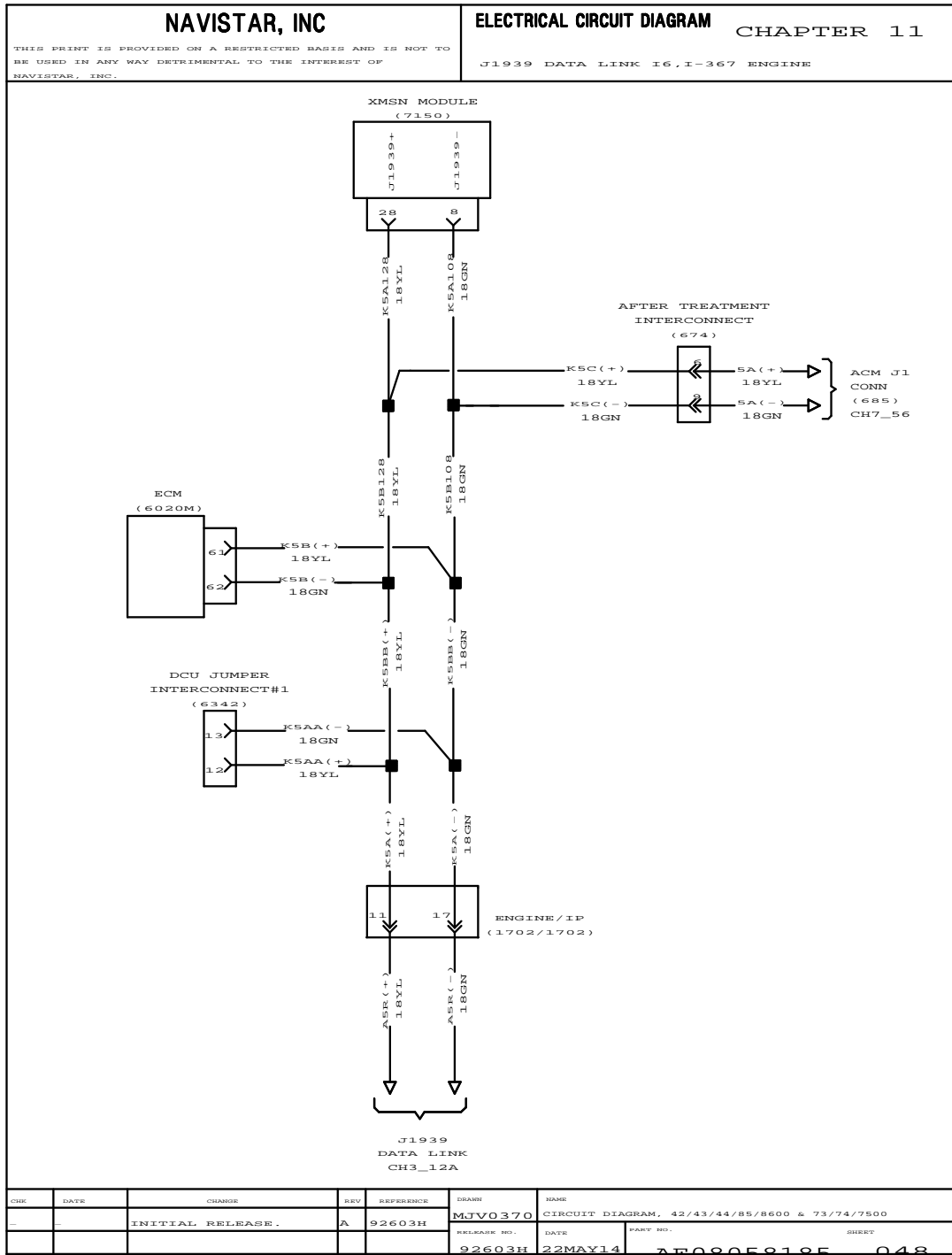


Figure 468 J1939 Data Link I6, I-367 Engine

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 11

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

ALLISON 1/2000 TRANSMISSION W/16,I-367 ENGINE

XMSN CONTROL MODULE (7151)

- 25 → K47#125 18TN → K47C125 18TN → ALLISON 1/2000 ALLISON 3/4000 ECM (7205F) CH11_47 (5020M)
- 41 → K92#147 18TN → K47B125 18TN → 54
- K47#125 18TN → 54
- K92A141 18TN → 65

BODY CONTROLLER #J4 (1601)

- 23 → K92#123 18LTBL → K92B123 18LTGN → 25 → A92#117 18TN → F16
- K92#123 18LTBL → 25 → A92#117 18TN → E3
- 45 → K92#145 18OR → K92B145 18OR → 6 → A92#145 18TN → AUTO NEUTRAL RELAY (1017) CH10_09
- K92#145 18OR → 6

ENGINE/IP (1702/1702)

- 25 → A92#117 18TN → F16
- A92#117 18TN → E3
- 6 → A92#145 18TN → AUTO NEUTRAL RELAY (1017) CH10_09

ALLISON 1/2000 ALLISON 3/4000 (7205F)

- K92#123 18LTGN → F
- K92A123 18LTGN → F
- K92A145 18OR → G
- K92#145 18OR → G

OUTPUT 4 OUTPUT 6

TRANS BULKHEAD (7350)

- 7 → K92#179 18PK → 7
- 10 → K92#178 18WH → 6
- 11 → K92#177 18LTGN → 5
- 16 → K92#171 18YL → 1
- 19 → K92#174 18LTBL → 3
- 22 → K92#173 18LTBL → 2
- 24 → K92#176 18YL → 4

TRANS MODULE 3 (1503)

CDR	DATE	CHARGE	REV	REFERENCE	DRAWN	NAME	PART NO.	SHEET
0488	09SEP15	REVISED AND REDRAWN.	B	93248U	MJV0370	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500		
					RELEASE NO.	DATE		
					92603H	22MAY14	77080508185	048

Figure 469 Allison 1/2000 Transmission with I6, I-367 Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

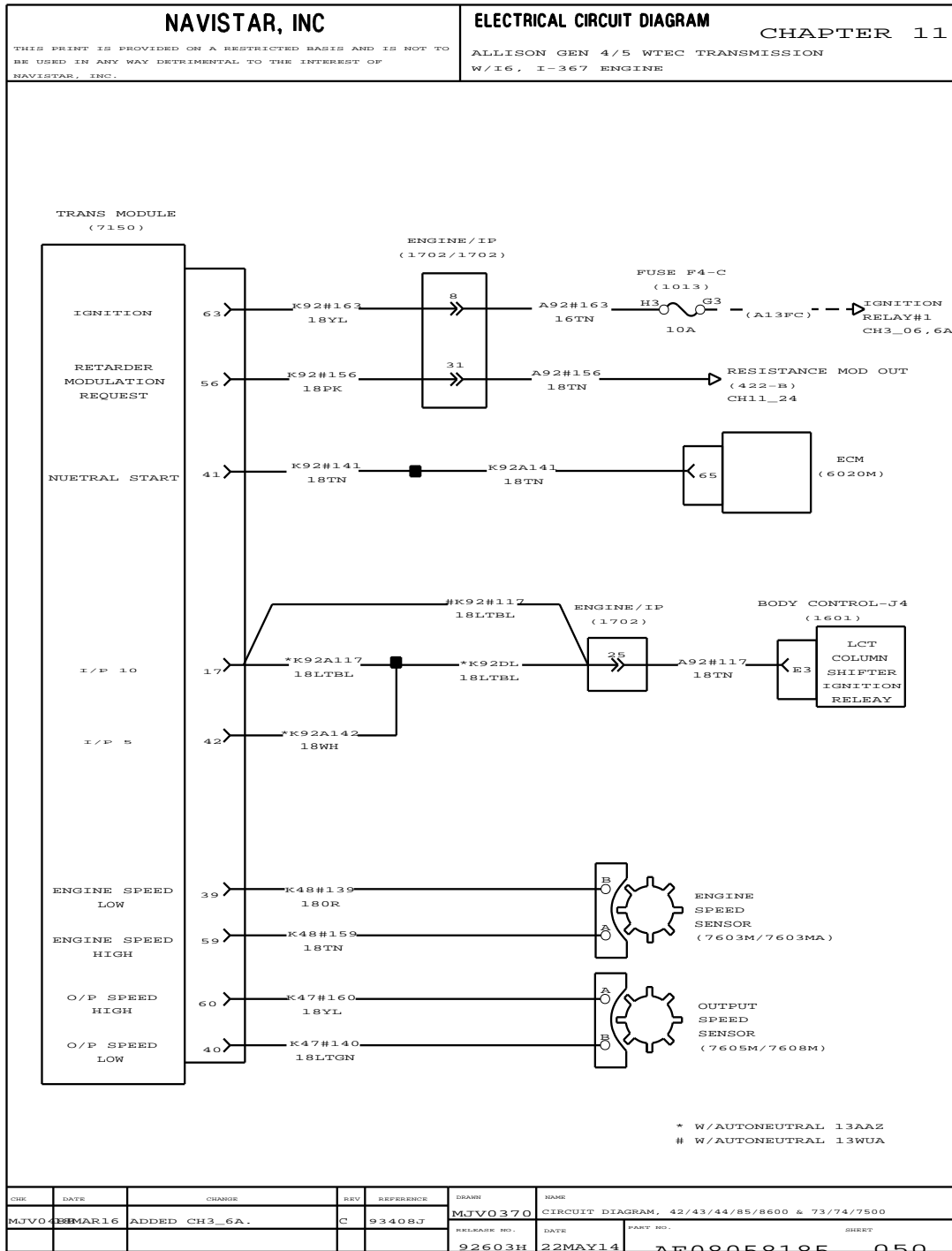


Figure 470 Allison 4/5 WTEC Transmission with I6, I-367 Engine

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

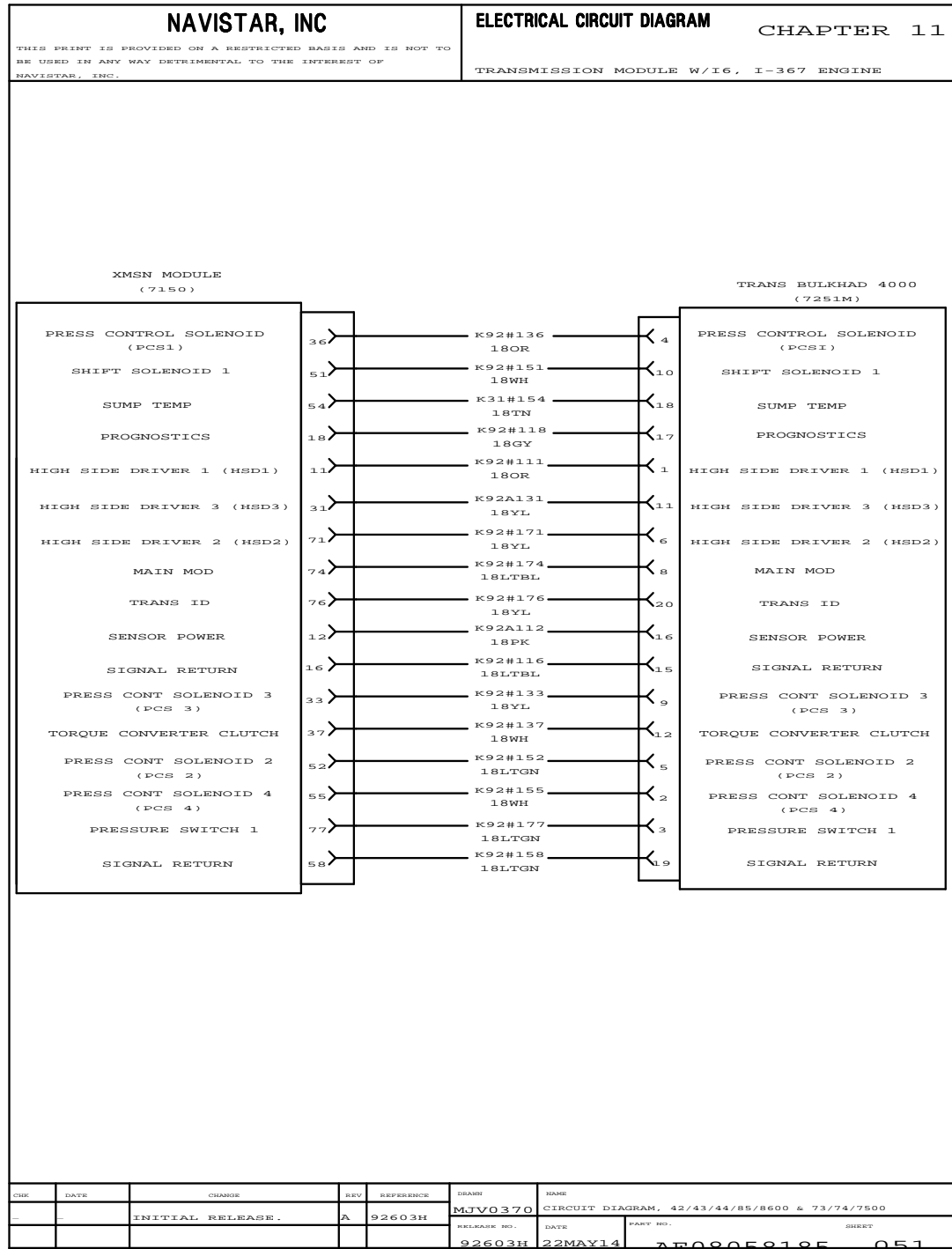


Figure 471 Transmission Module with I6, I-367 Engine

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

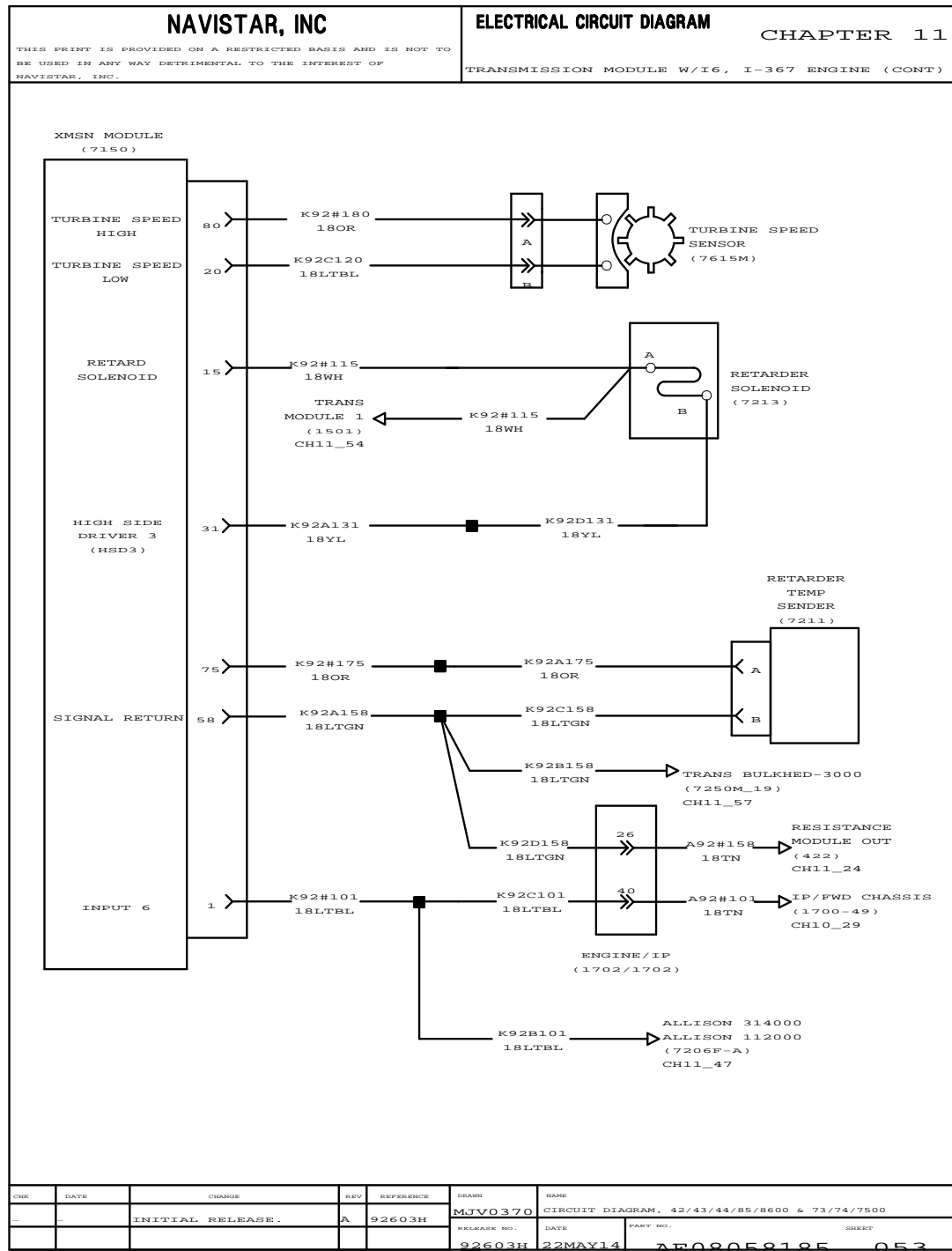


Figure 473 Transmission Module with I6, I-367 Engine (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

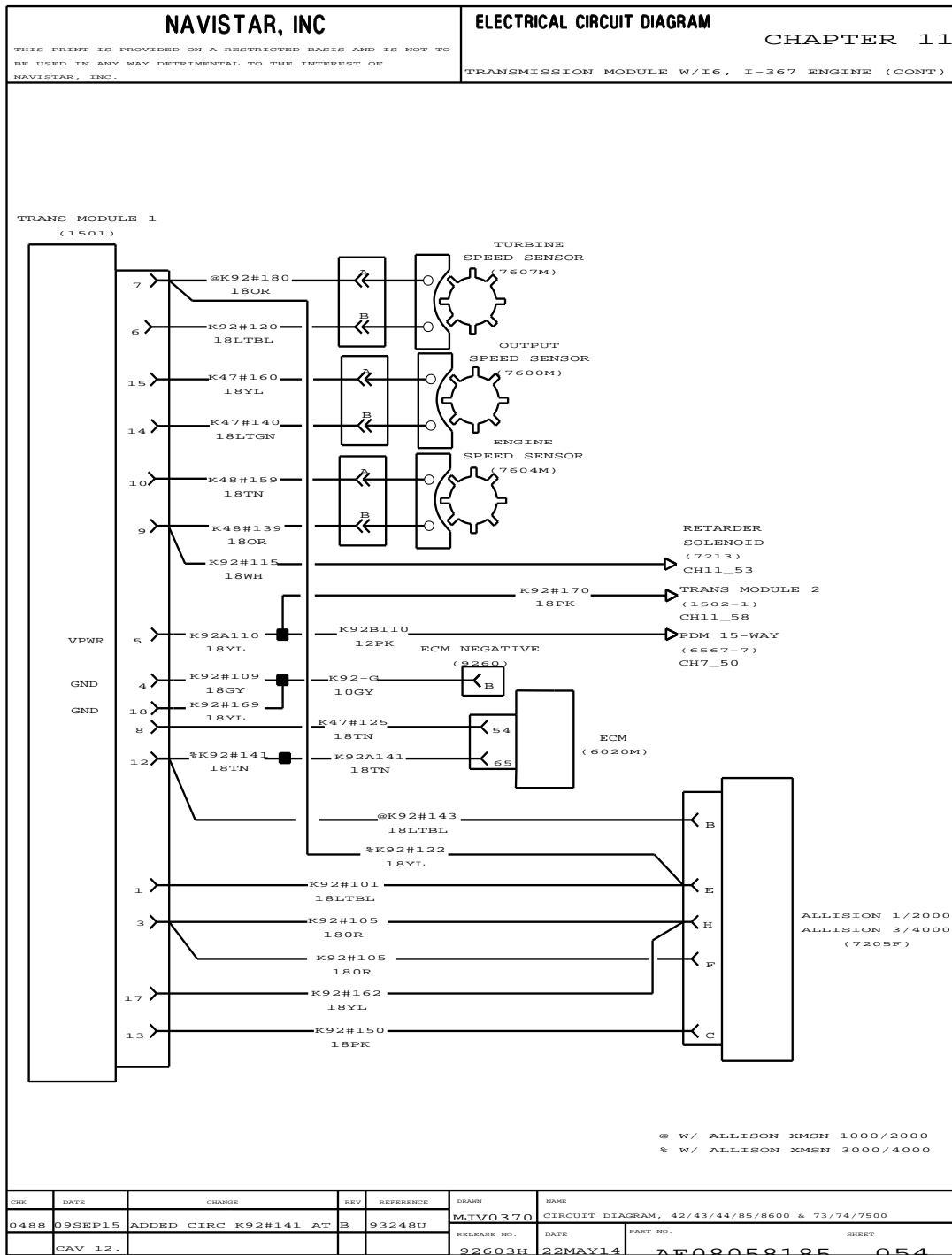


Figure 474 Transmission Module with I6, I-367 Engine (Cont.)

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

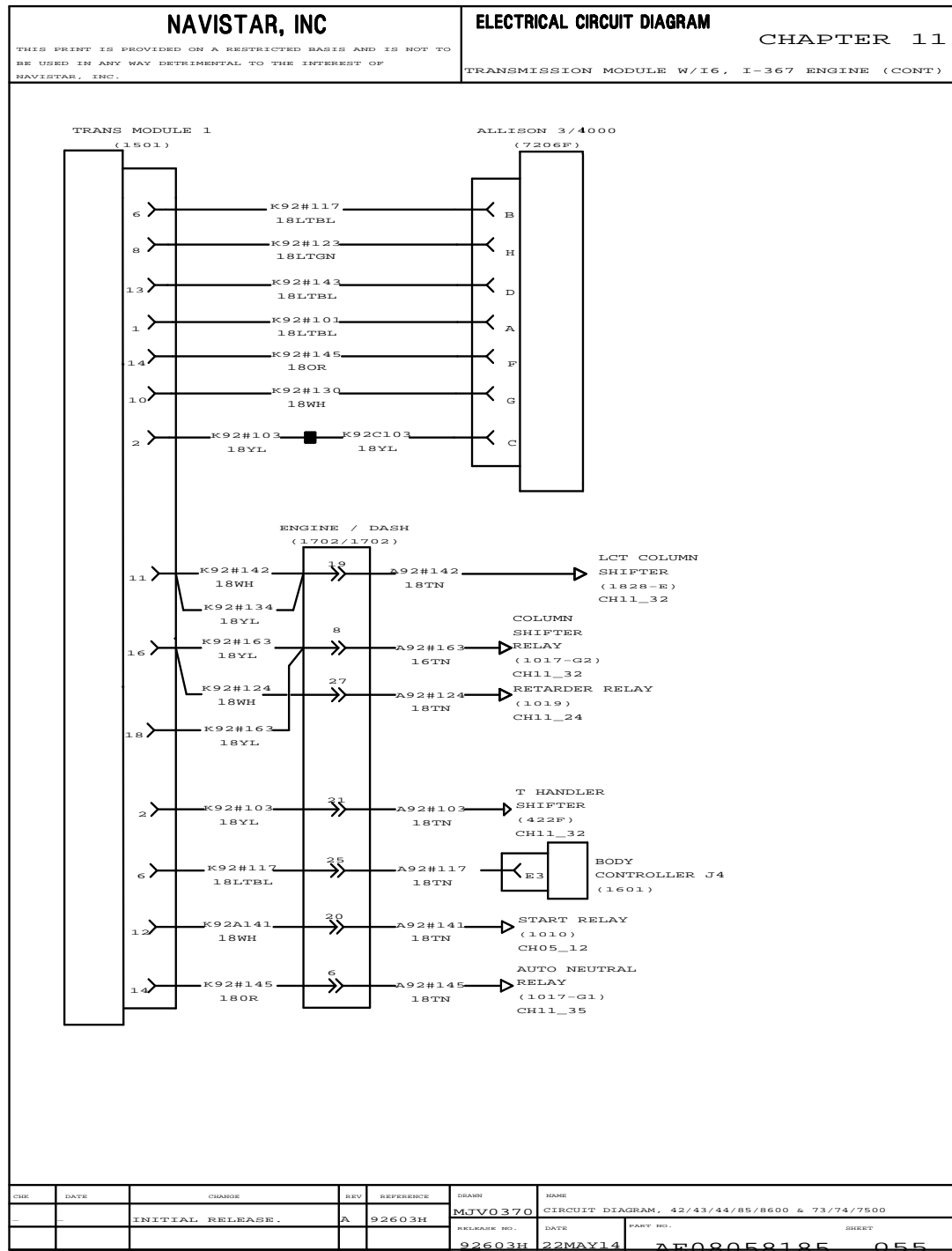


Figure 475 Transmission Module with I6, I-367 Engine (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

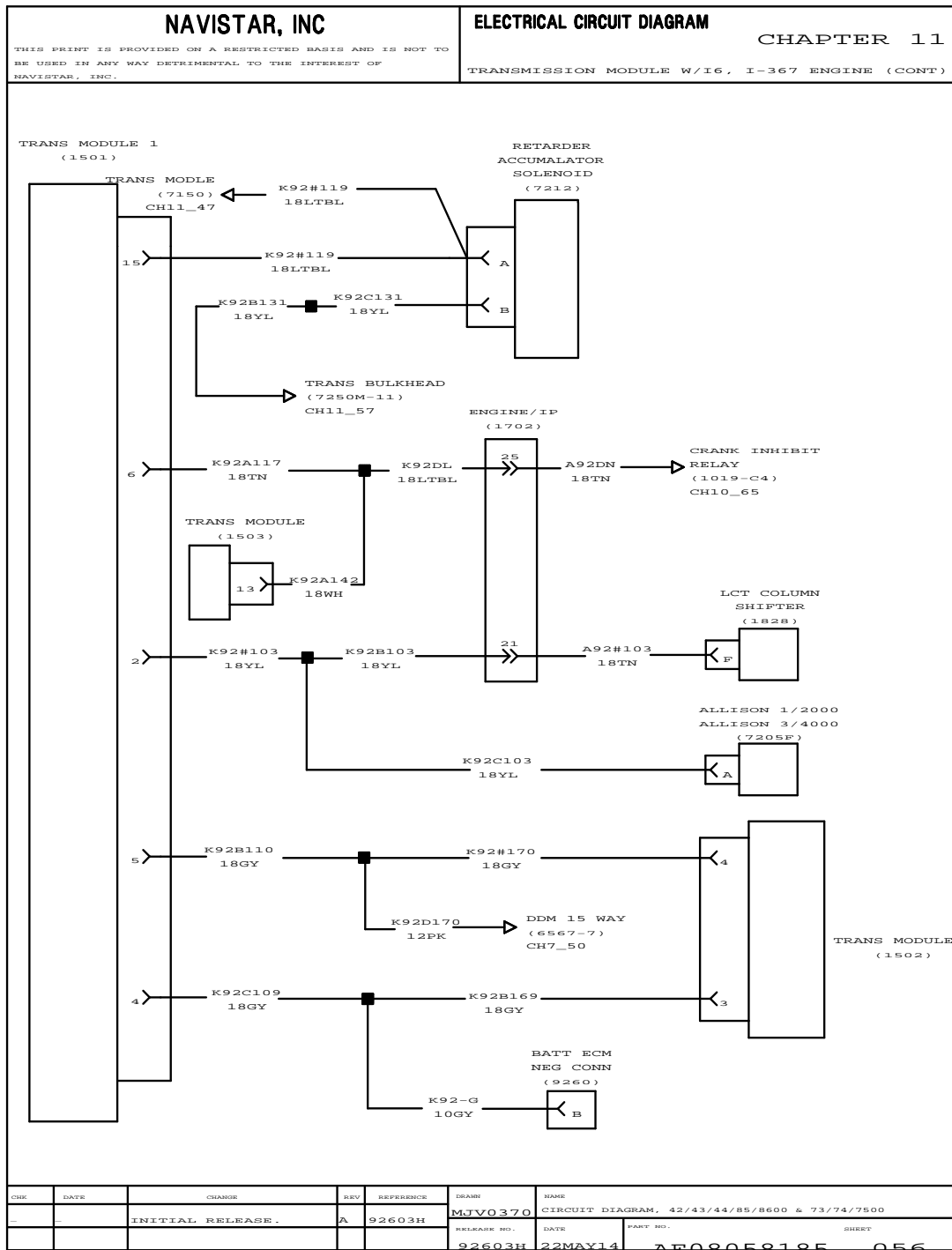


Figure 476 Transmission Module with I6, I-367 Engine (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

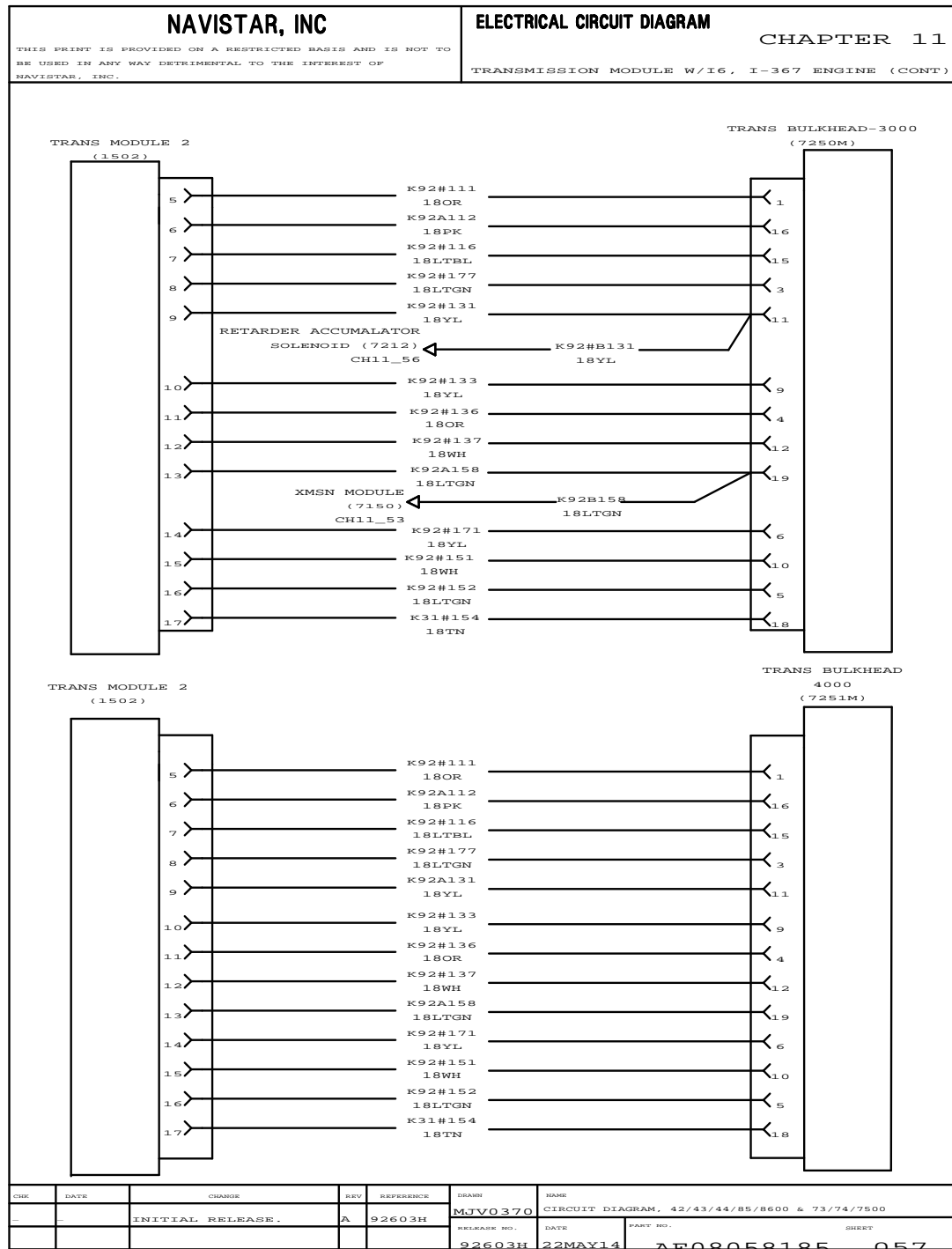


Figure 477 Transmission Module with I6, I-367 Engine (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

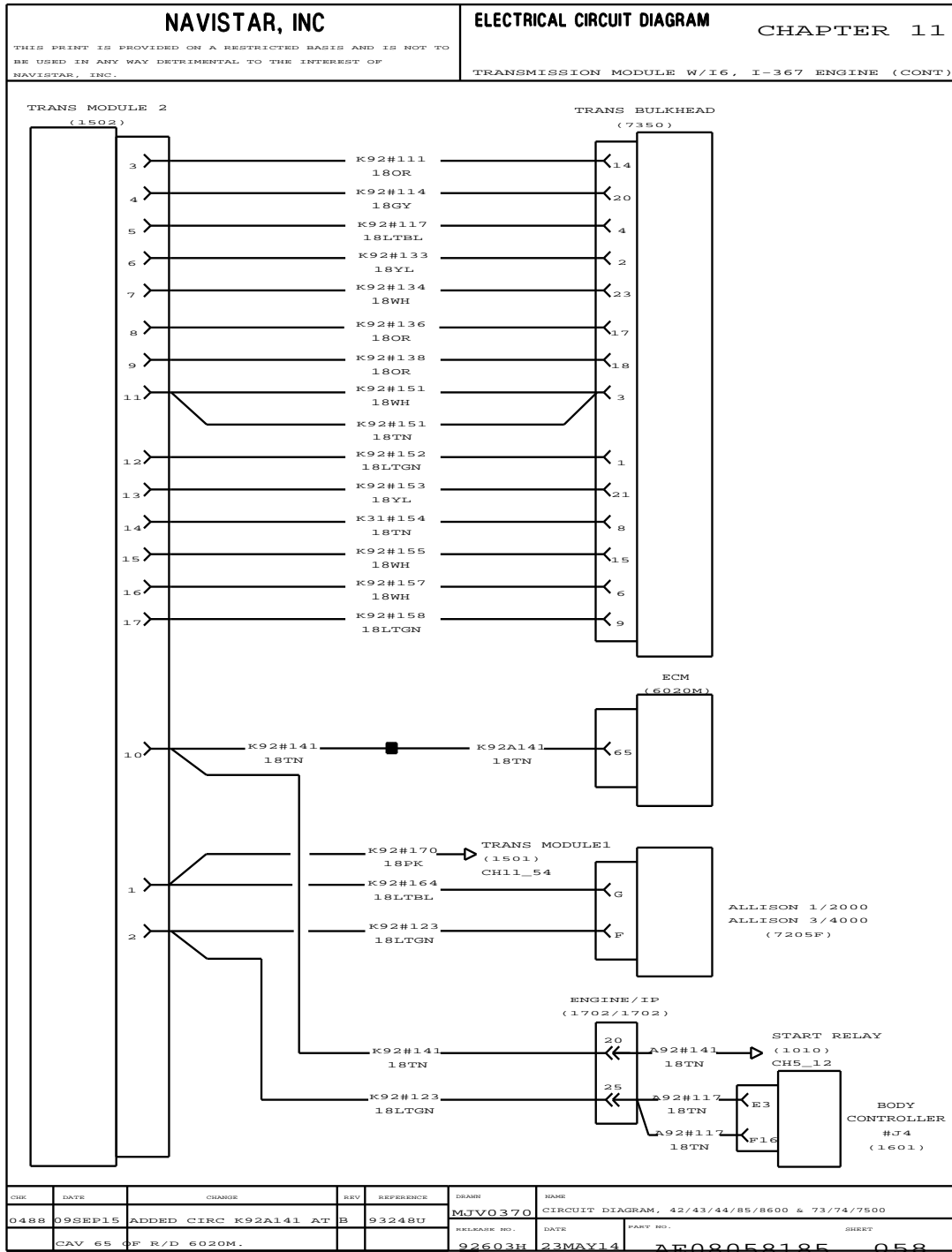


Figure 478 Transmission Module with I6, I-367 Engine (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

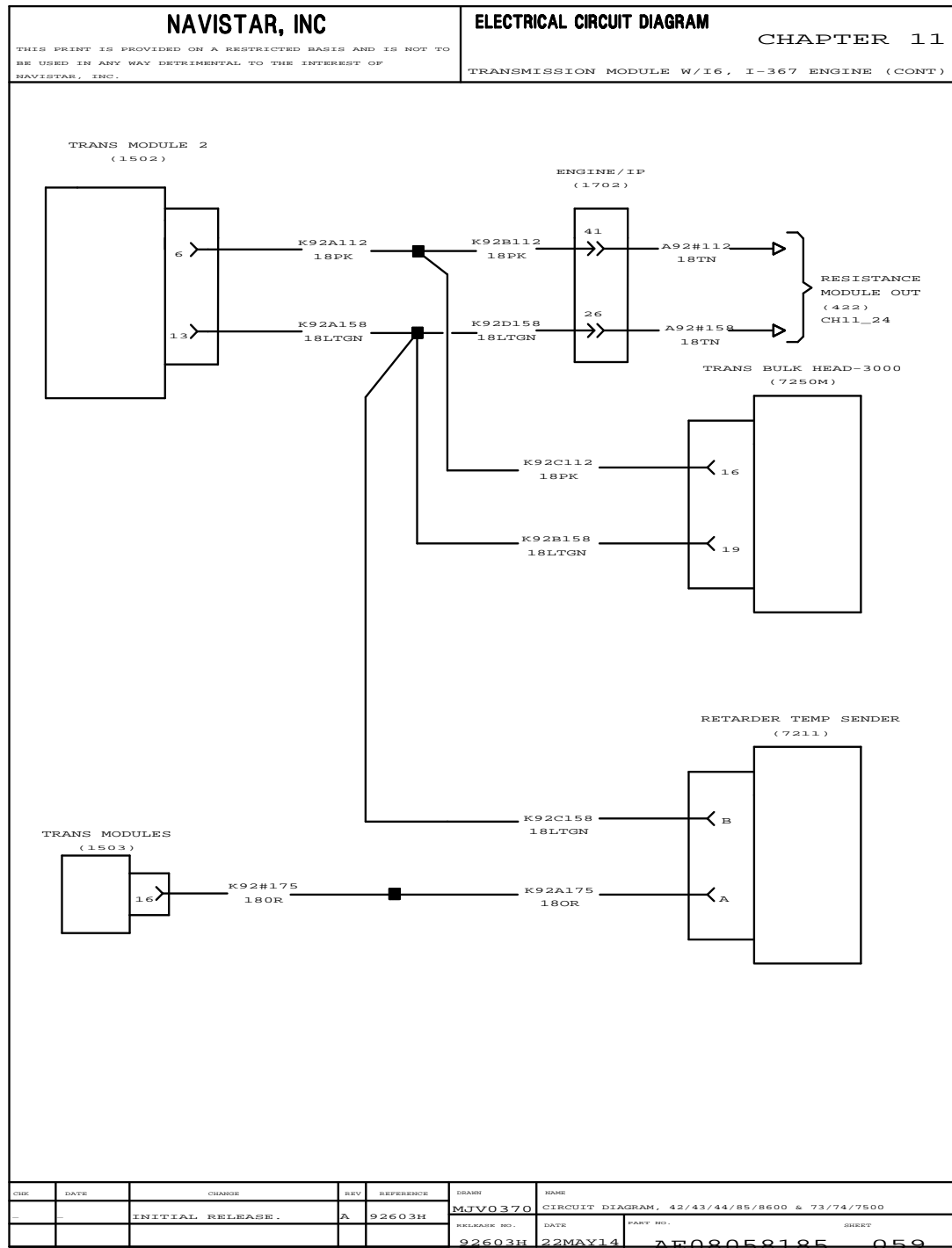


Figure 479 Transmission Module with I6, I-367 Engine (Cont.)

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

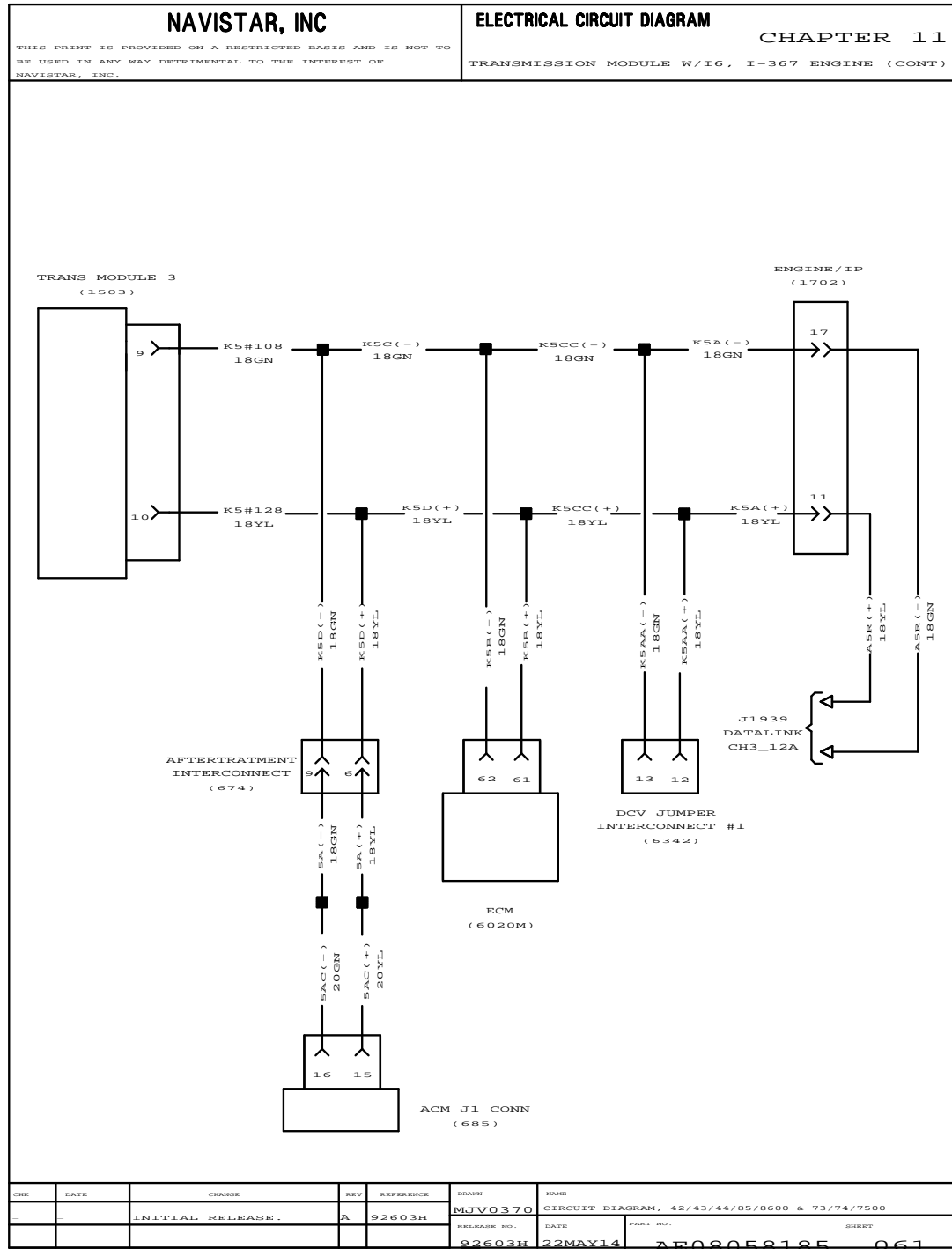


Figure 481 Transmission Module with I6, I-367 Engine (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

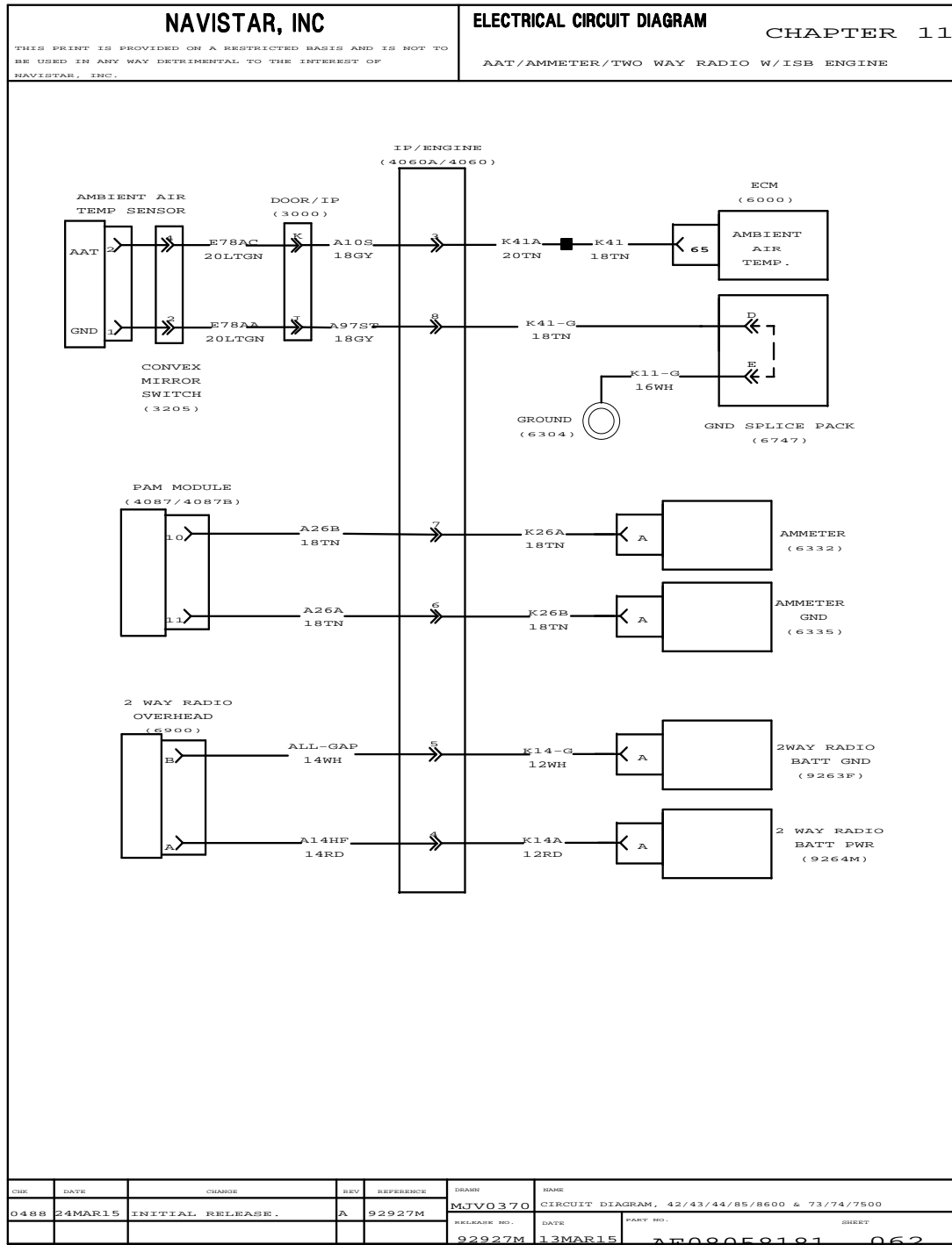


Figure 482 AAT / Ammeter / Two way Radio with ISB Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

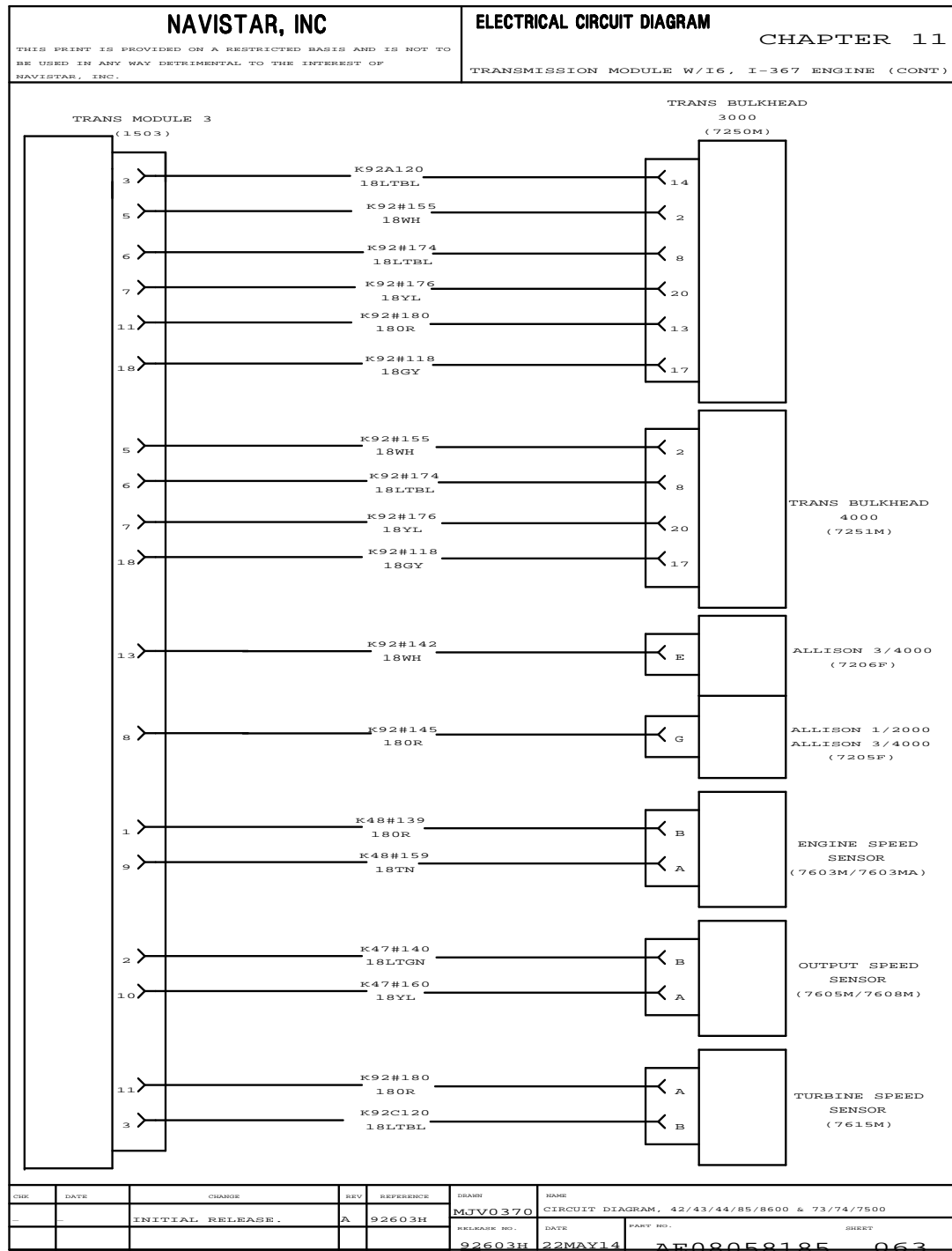


Figure 483 Transmission Module with I6, I-367 Engine (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

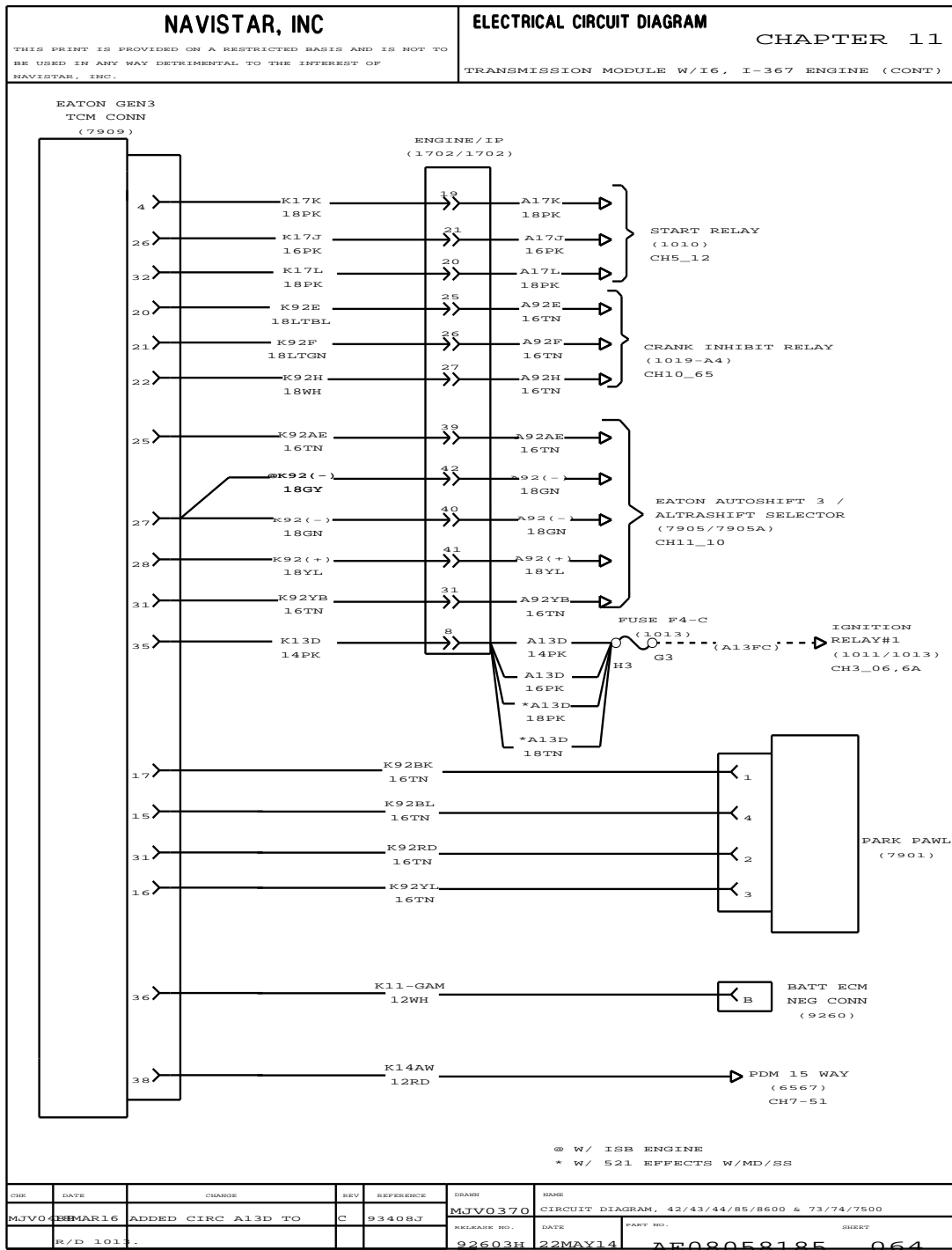


Figure 484 Transmission Module with I6, I-367 Engine (Cont.)

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

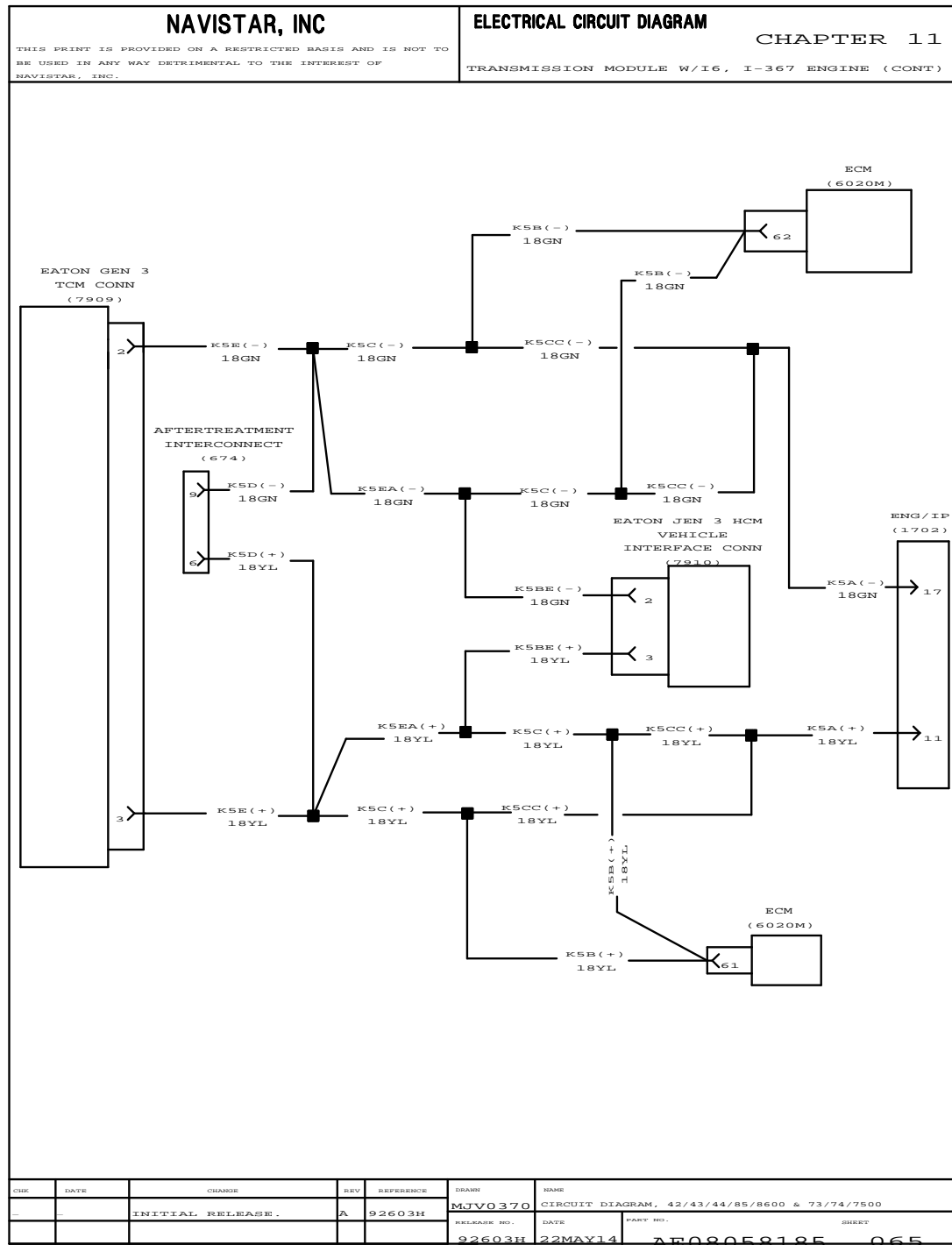


Figure 485 Transmission Module with I6, I-367 Engine (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

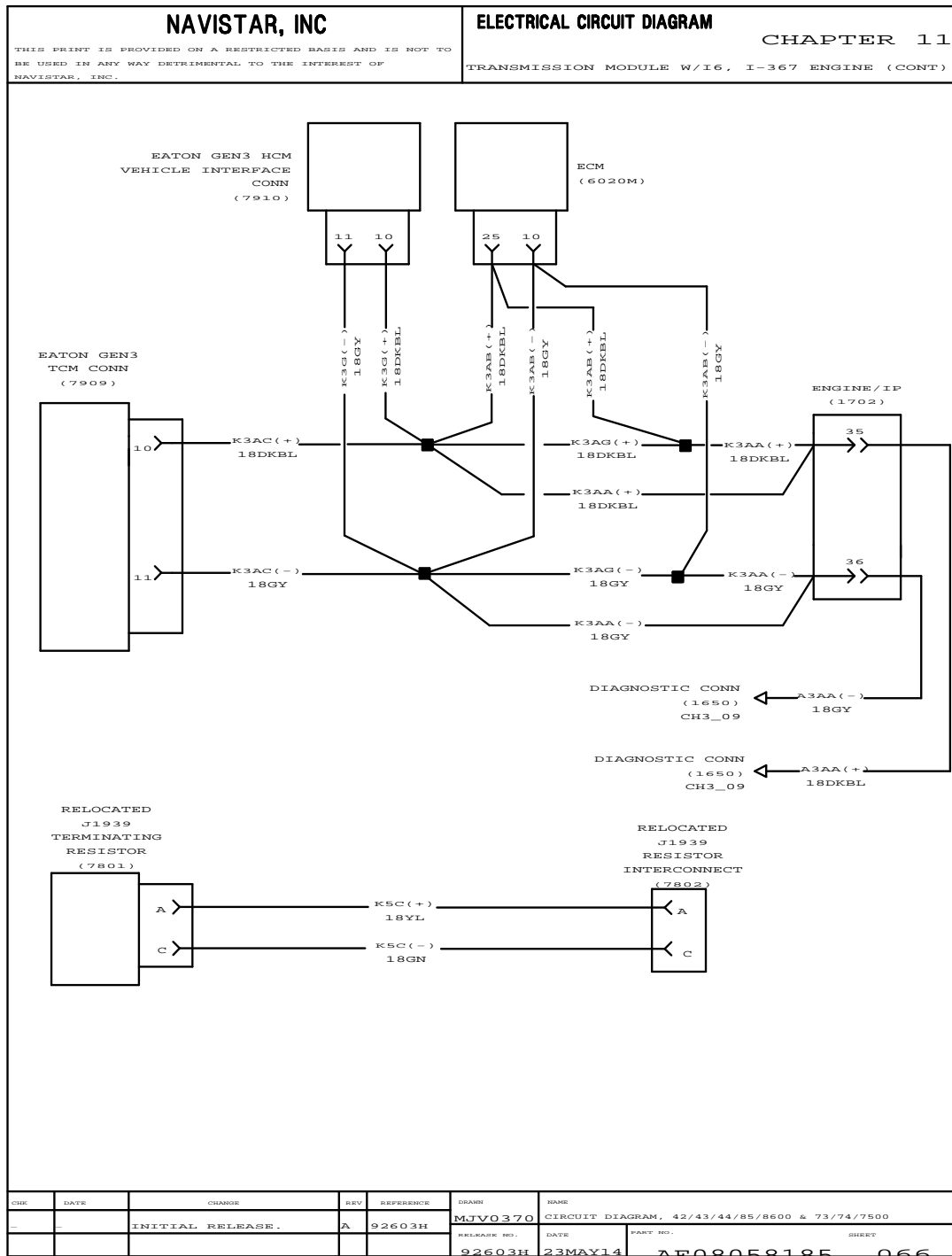


Figure 486 Transmission Module with I6, I-367 Engine (Cont.)

11.72. INTENTIONALLY LEFT BLANK, P. 67

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

Figure 487 Intentionally Left Blank

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

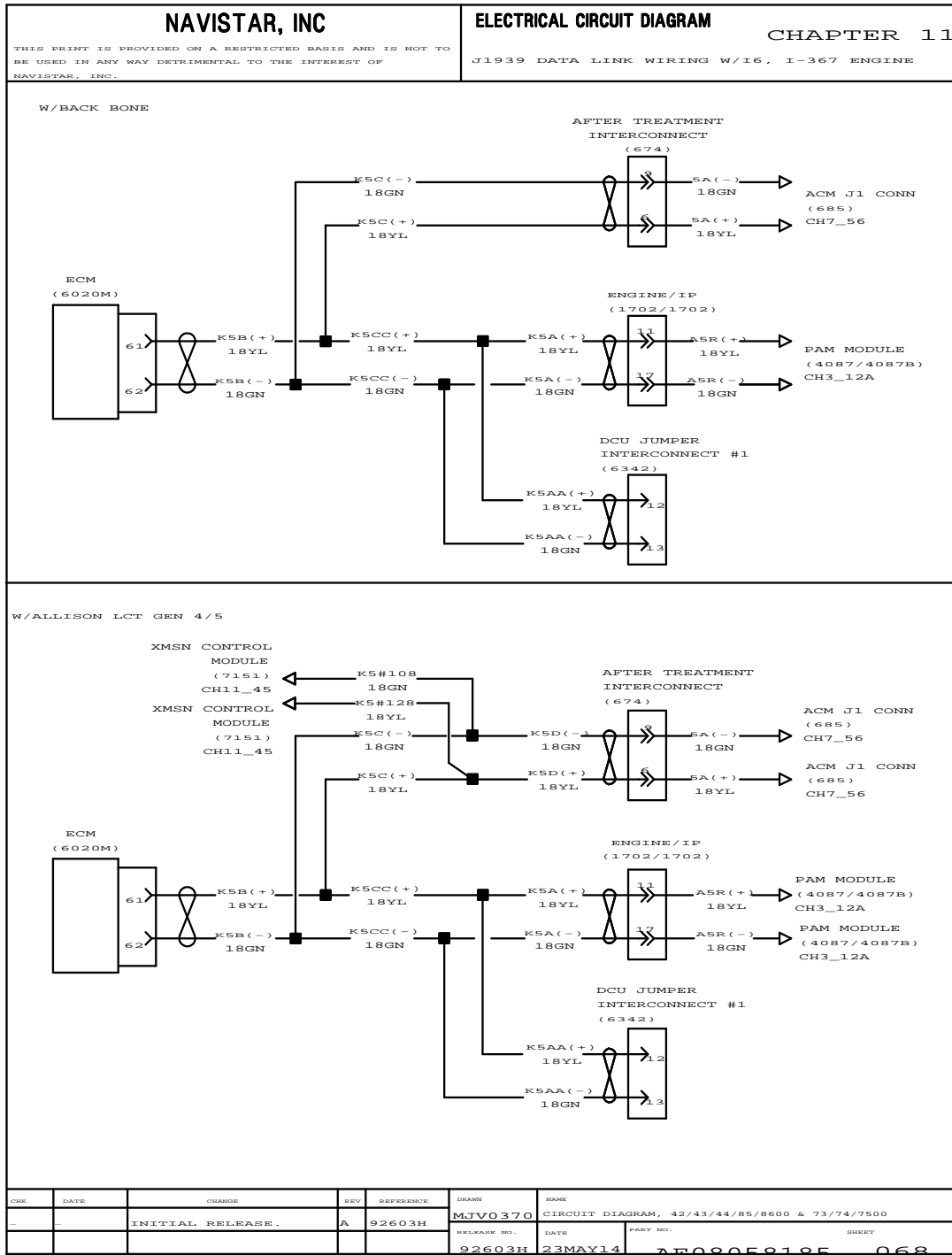


Figure 488 J1939 Data Link Wiring with I6, I-367 Engine

NAVISTAR, INC

ELECTRICAL CIRCUI DIAGRAM

CHAPTER 11

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EATON GEN 3 HCM VEHICLE INTERFACE CONNECTION
W/16, I-367 ENGINE

EATON GEN 3
HCM VEHICLE
INTERFACE
CONN
(7910)

ENGINE / IP (1702/1702)

- 9 → A13B 12PK → FUSE F5-B (1014) H2 G2 → A13FB → IGNITION RELAY (1011/1014) CH3_7A
- 5 → A17 18PK → A17AL 18PK → KEY SWITCH (1100-B) CH5_12
- 14 → A17F 16PK →
- 27 → A17B 16PK →
- 42 → A17A 16WH →

IGNITION RELAY (1012/1014) CH3_8

- A13FA 12PK → FUSE F5-M (1014) A4 → A13FA 12PK → FUSE F5-L (1014) B3 A3 → A17D 16RD →

EATON HYBRID CRANKING RELAY R2 (1019)

- A17D 16RD → G4 → 30 → 87 → 87A →

REMOTE START STOP (9778)

- A98B(+) 18YL → N104CA 16DKBL →
- A98B(-) 18GN → N59CA 16GY →

IP/CTR CHASSIS (1701/1701F)

- A98A(-) 18GN →
- A98A(+) 18YL →

CLUTCH DATA LINK (9755)

- K98D(+) 18YL → A →
- K98D(-) 18GN → B →

EATON ENGINE SPEED SENSOR (7606M)

- 1 → K47(+) 16WH → F →
- 2 → K47(-) 16BK → G →

XMSN/CHASSIS (9920)

- K98D 18BK → A →
- K92YA 16TN → B →

DIAGNOSTIC CONN (1650)

- A98A(-) 18GN → J →
- A98A(+) 18YL → H →

CDR	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
-	-	INITIAL RELEASE	A	92603H	MJV0223	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
				RELEASE NO.	DATE	PART NO.
				92603H	12 JUN 14	7300050185
						SHEET
						068

489

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

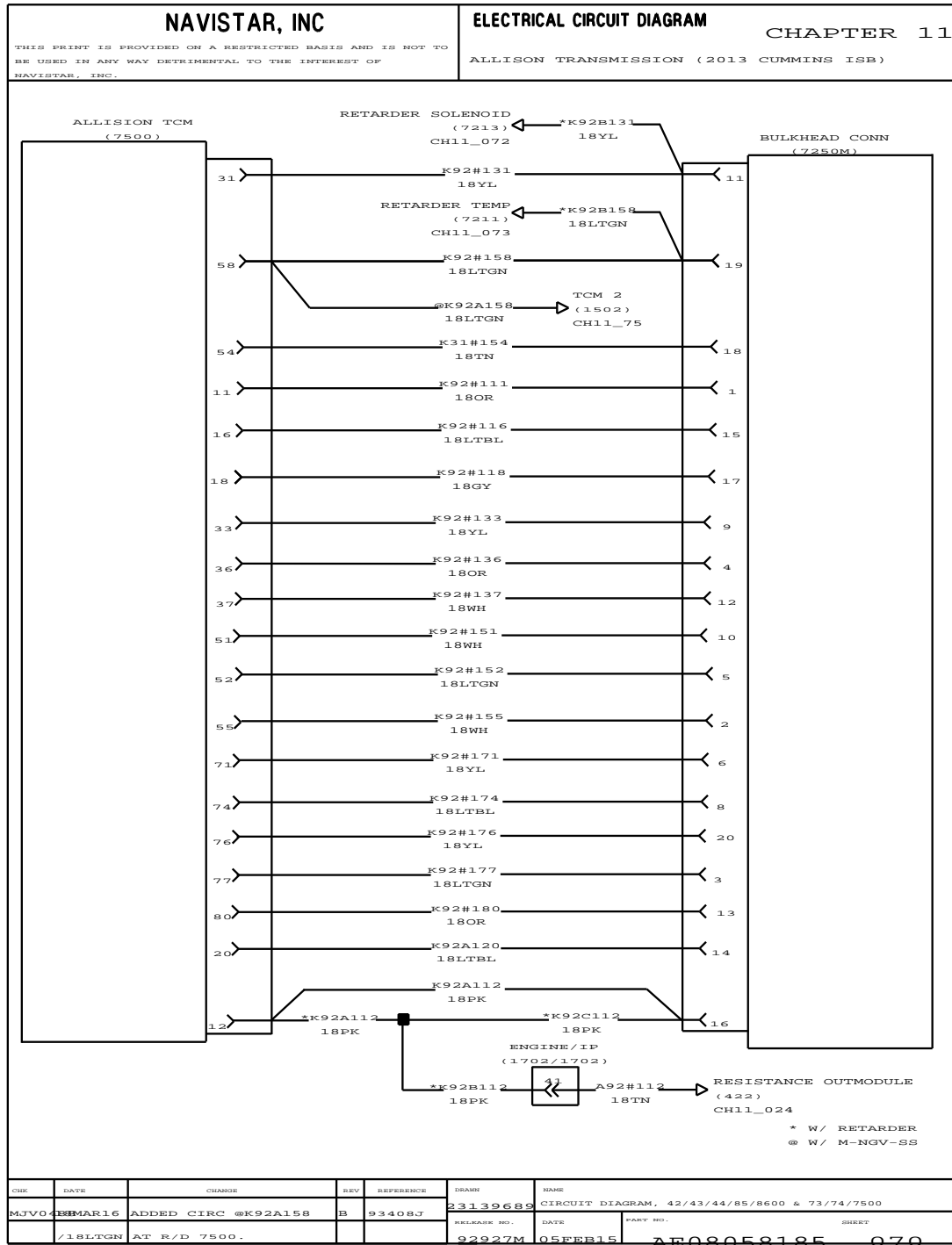


Figure 490 Allison Transmission (2013 Cummins ISB)

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

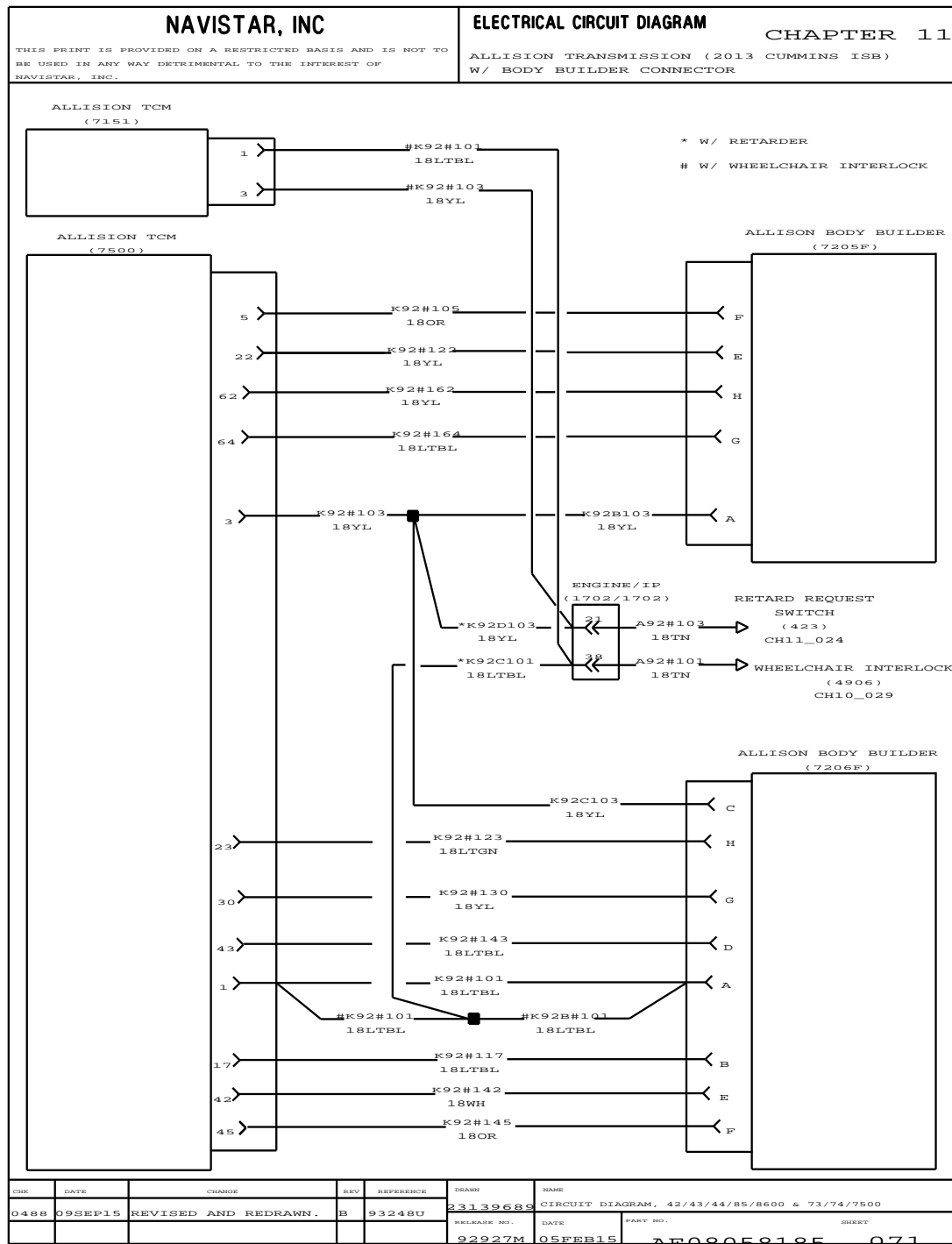


Figure 491 Allison Transmission (2013 Cummins ISB) with Body Builder Connector

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

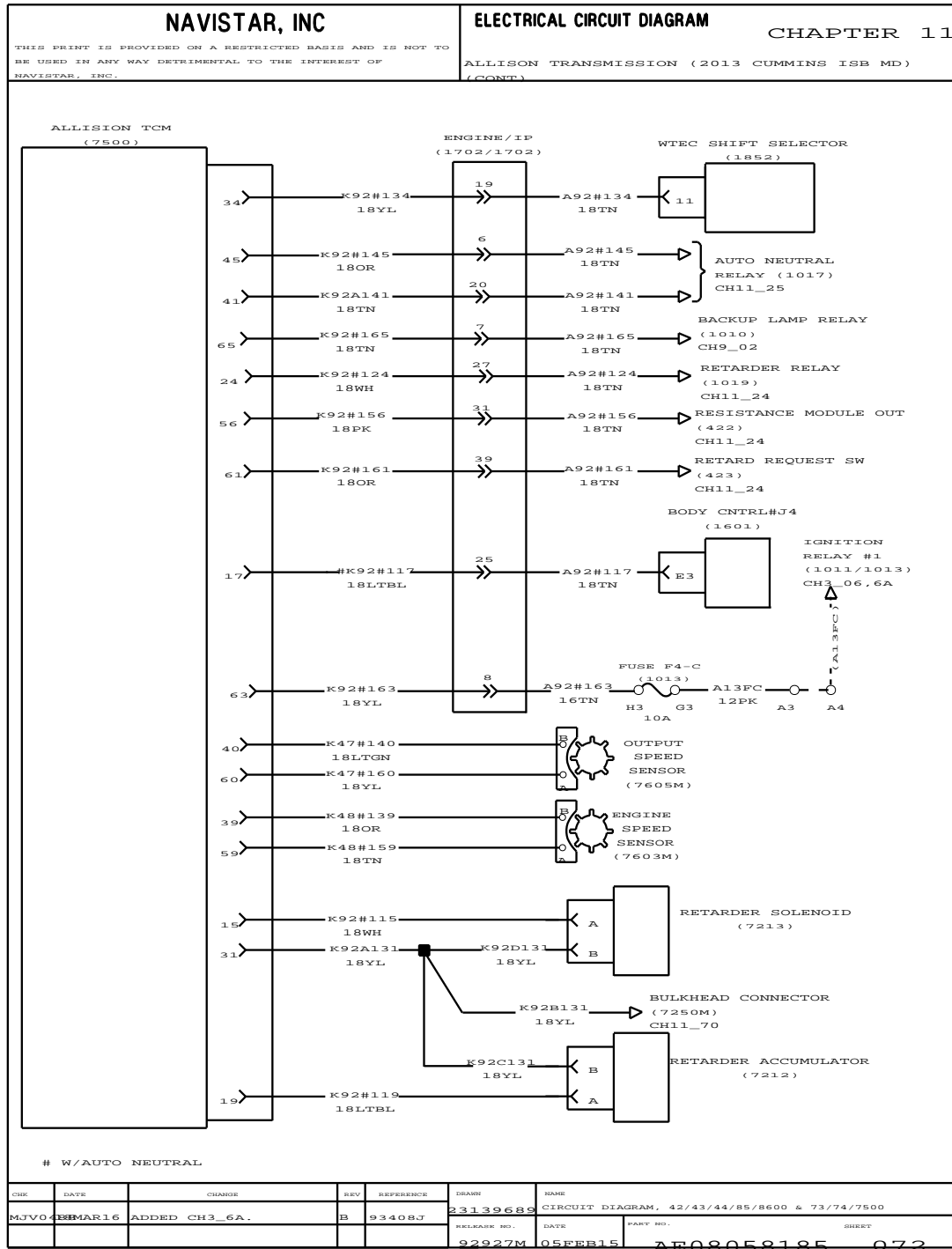


Figure 492 Allison Transmission (2013 Cummins ISB MD) (Cont.),

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

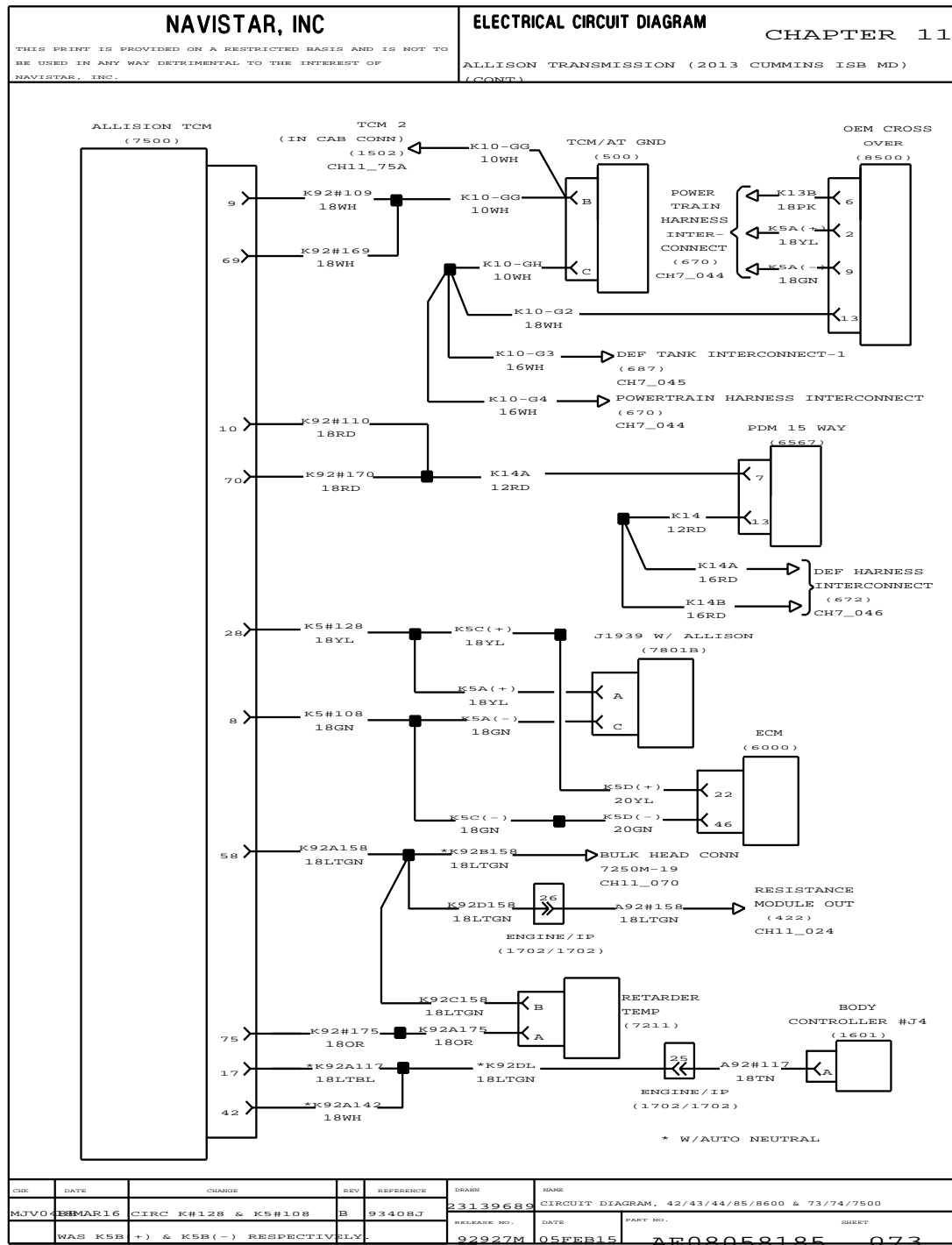


Figure 493 Allison Transmission (2013 Cummins ISB MD) (Cont.)

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

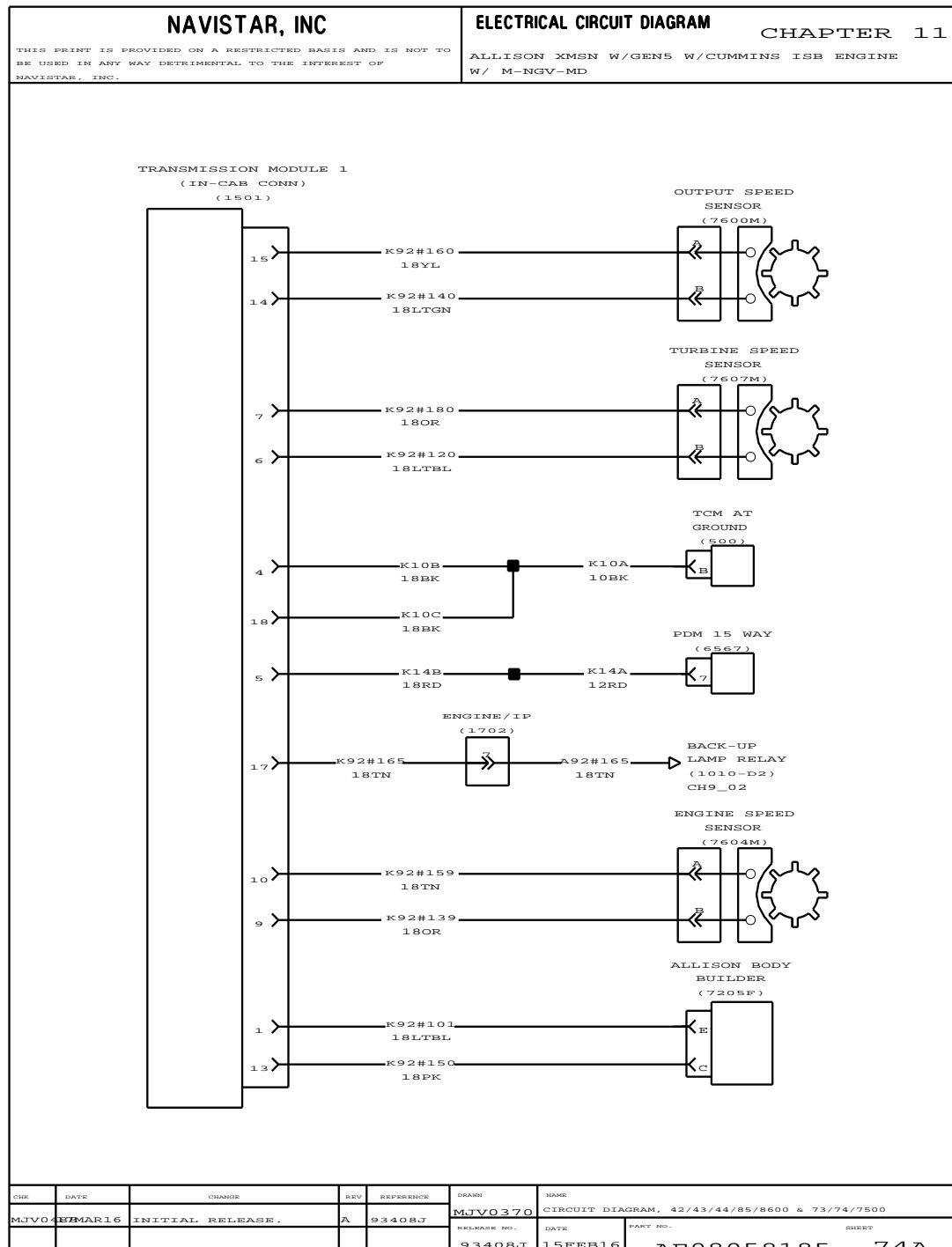


Figure 495 Allison Transmission with GEN5 in Cab with ISB Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

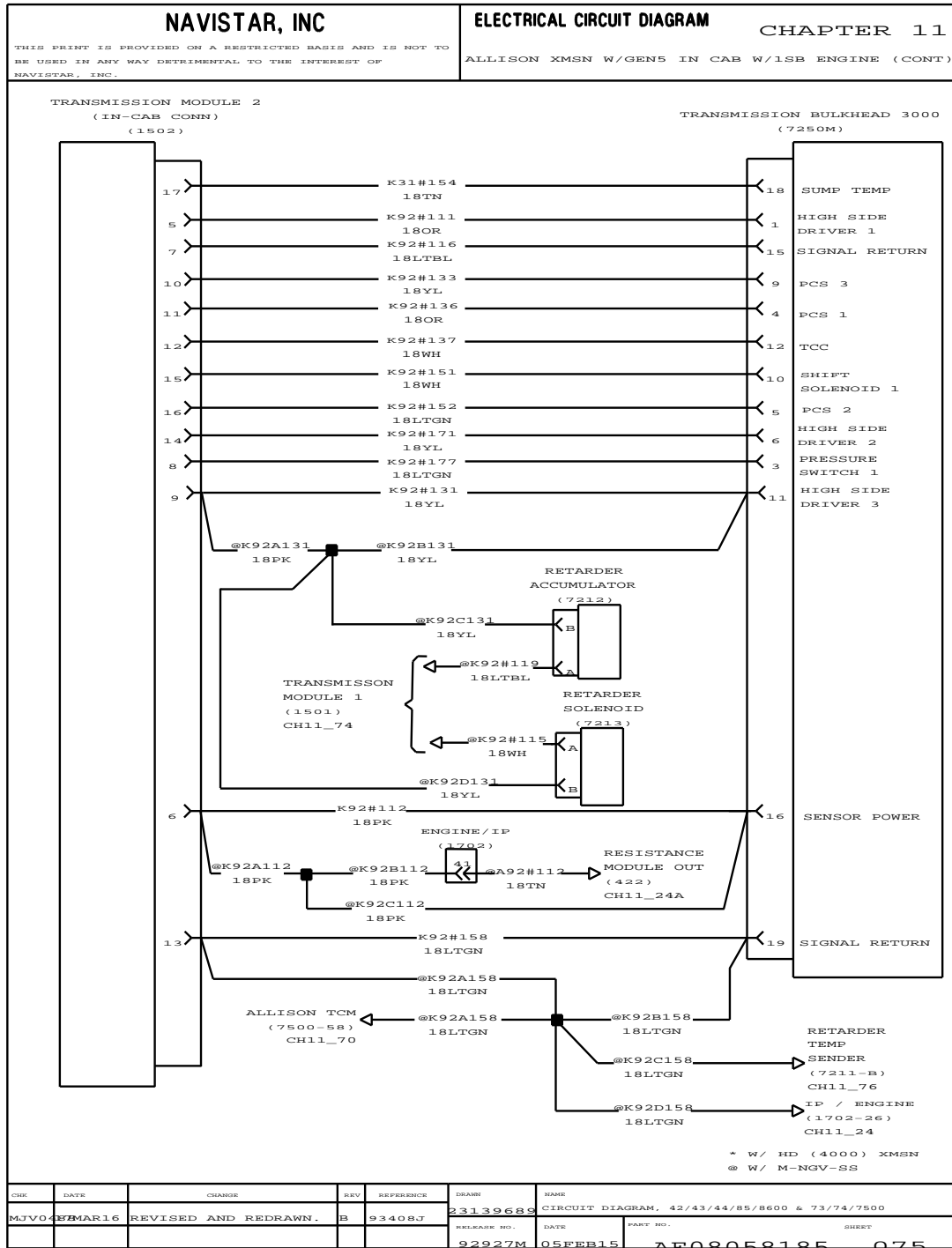


Figure 496 Allison Transmission with GEN5 in Cab with ISB Engine (Cont.)

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

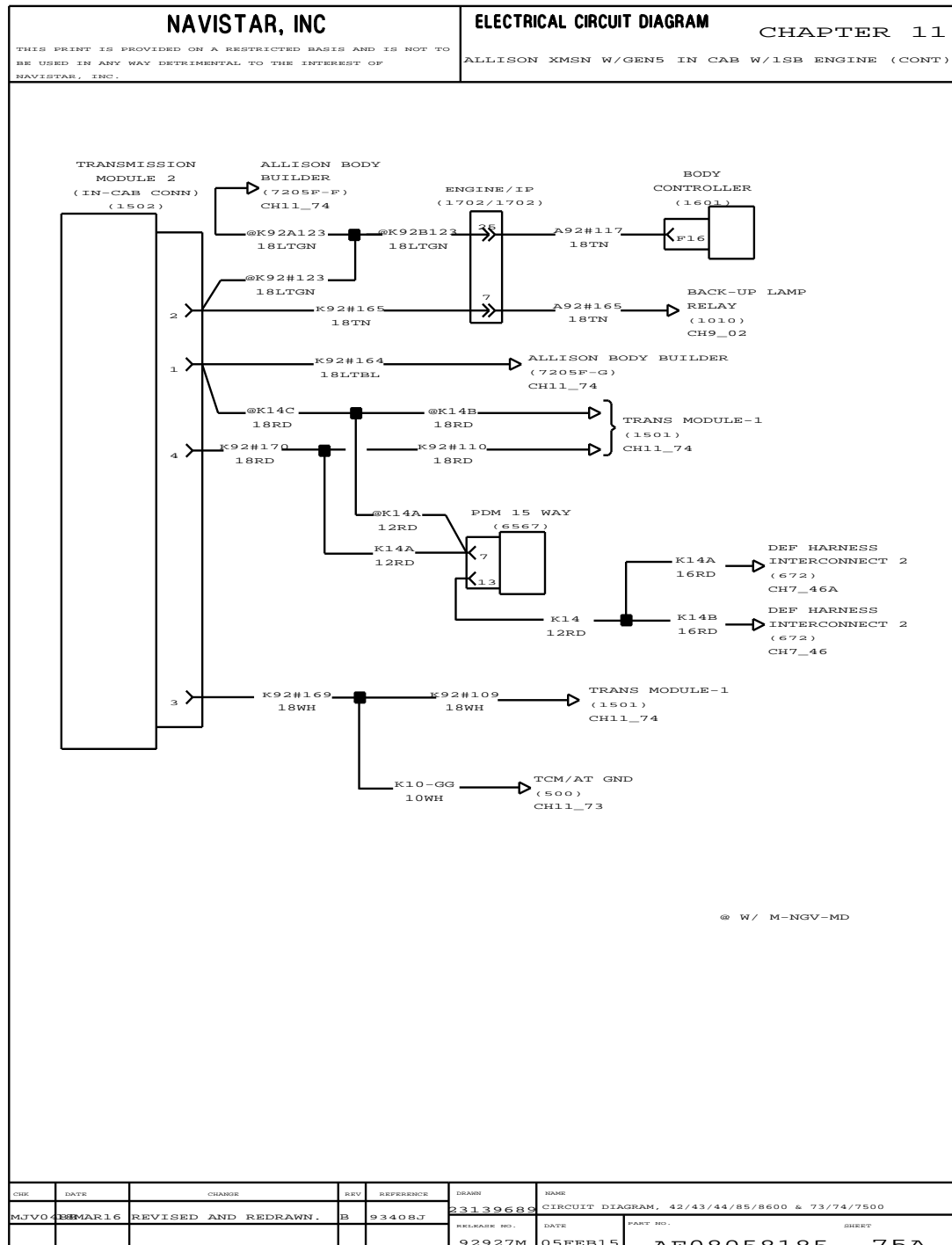


Figure 497 Allison Transmission with GEN5 in Cab with ISB Engine (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

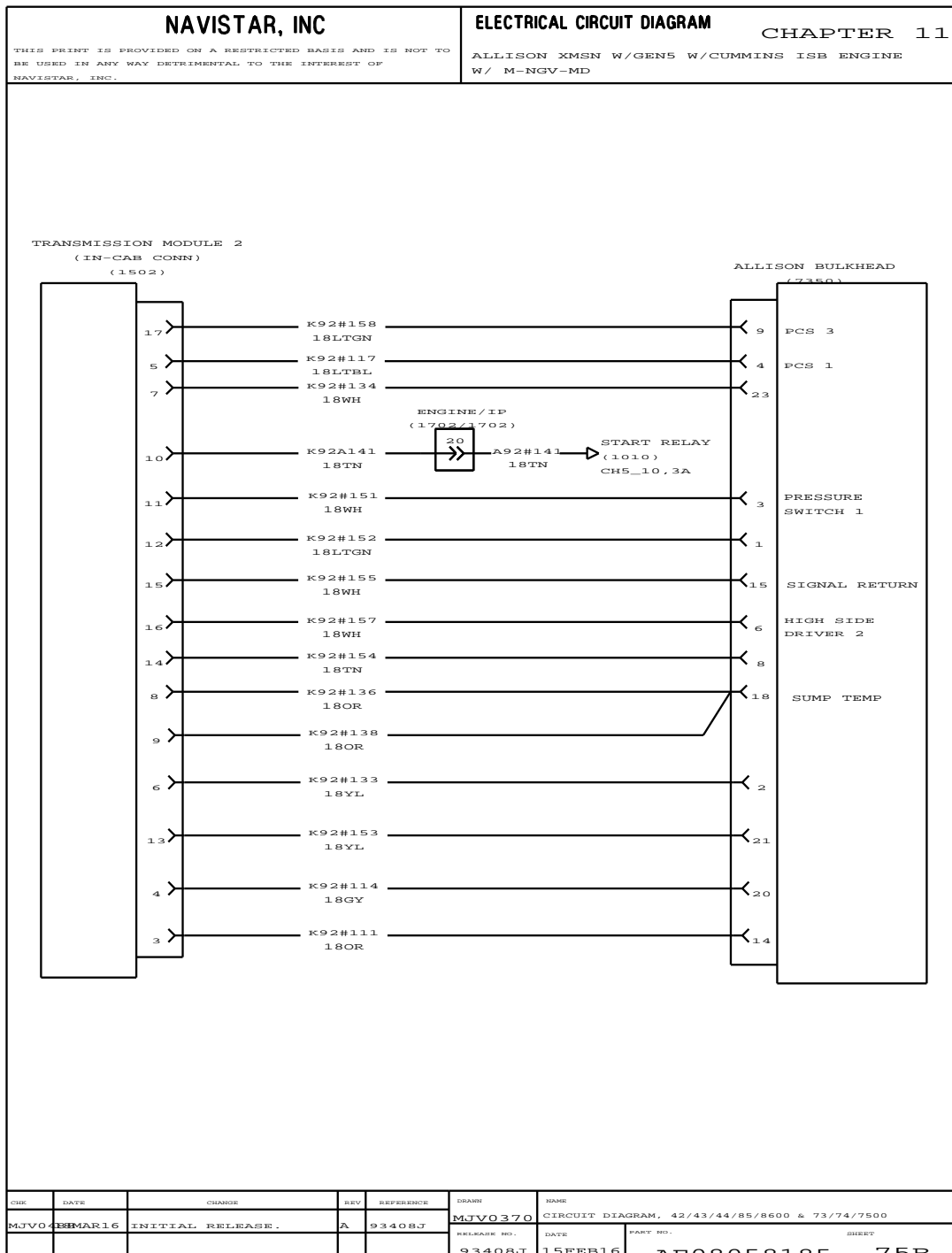


Figure 498 Allison Transmission with Cummins ISB Engine with M NGV MD

11.84. ALLISON TRANSMISSION WITH GEN5 IN CAB WITH ISB ENGINE (CONT.), P. 76

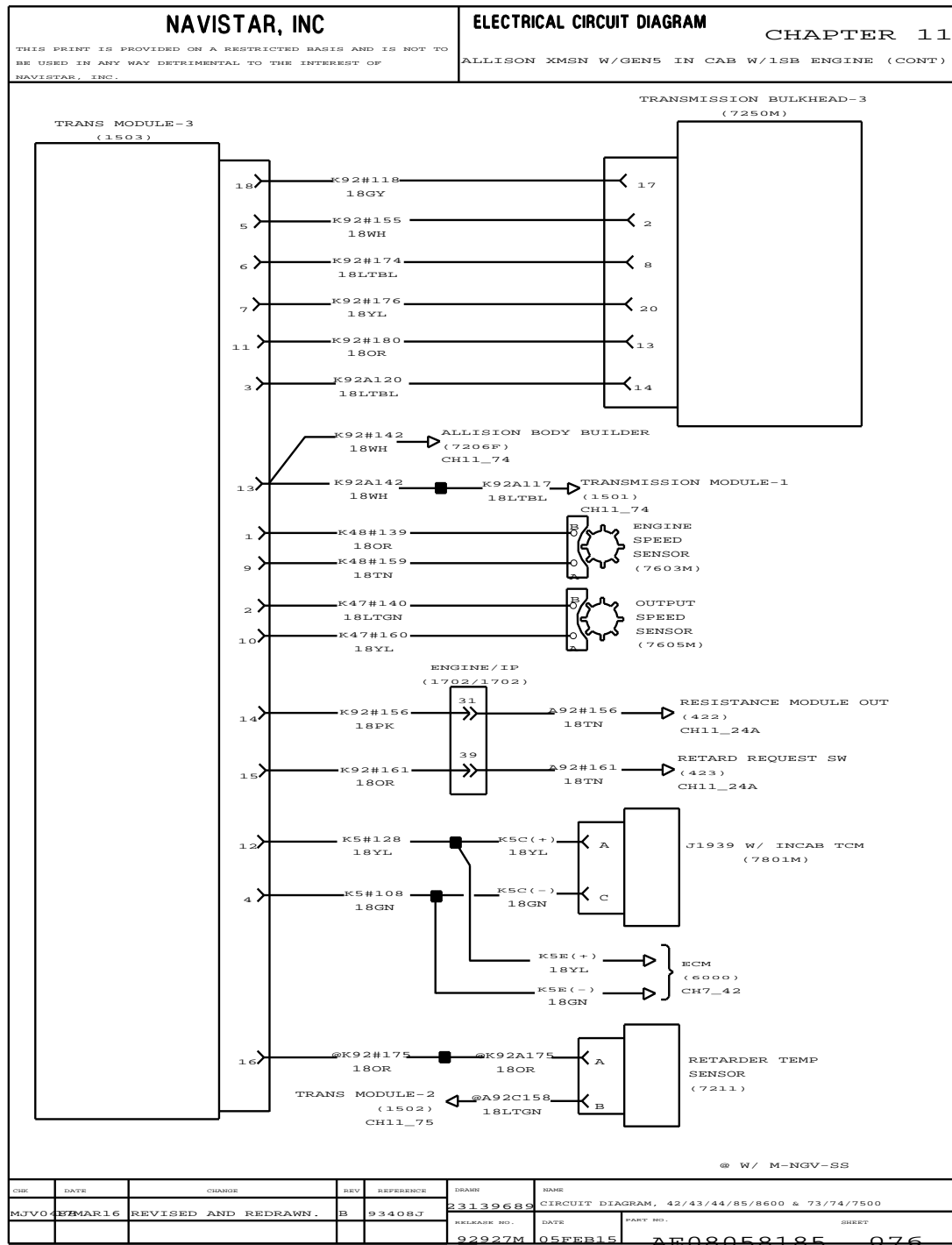


Figure 499 Allison Transmission with GEN5 in Cab with ISB Engine (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

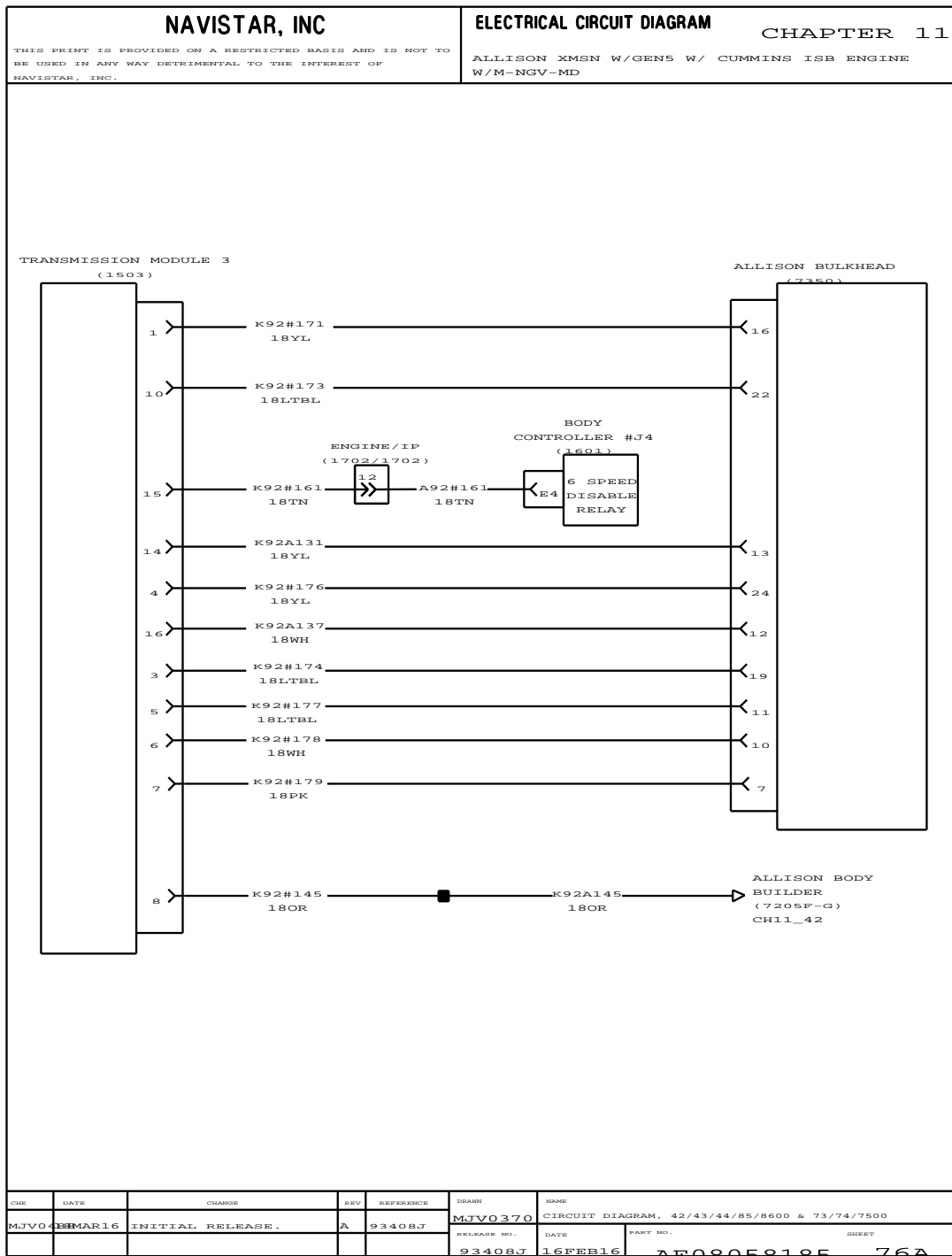


Figure 500 Allison Transmission with Cummins ISB Engine with M NGV MD

11.86. ULTRASHIFT TRANSMISSION WITH ISB ENGINE, P. 77

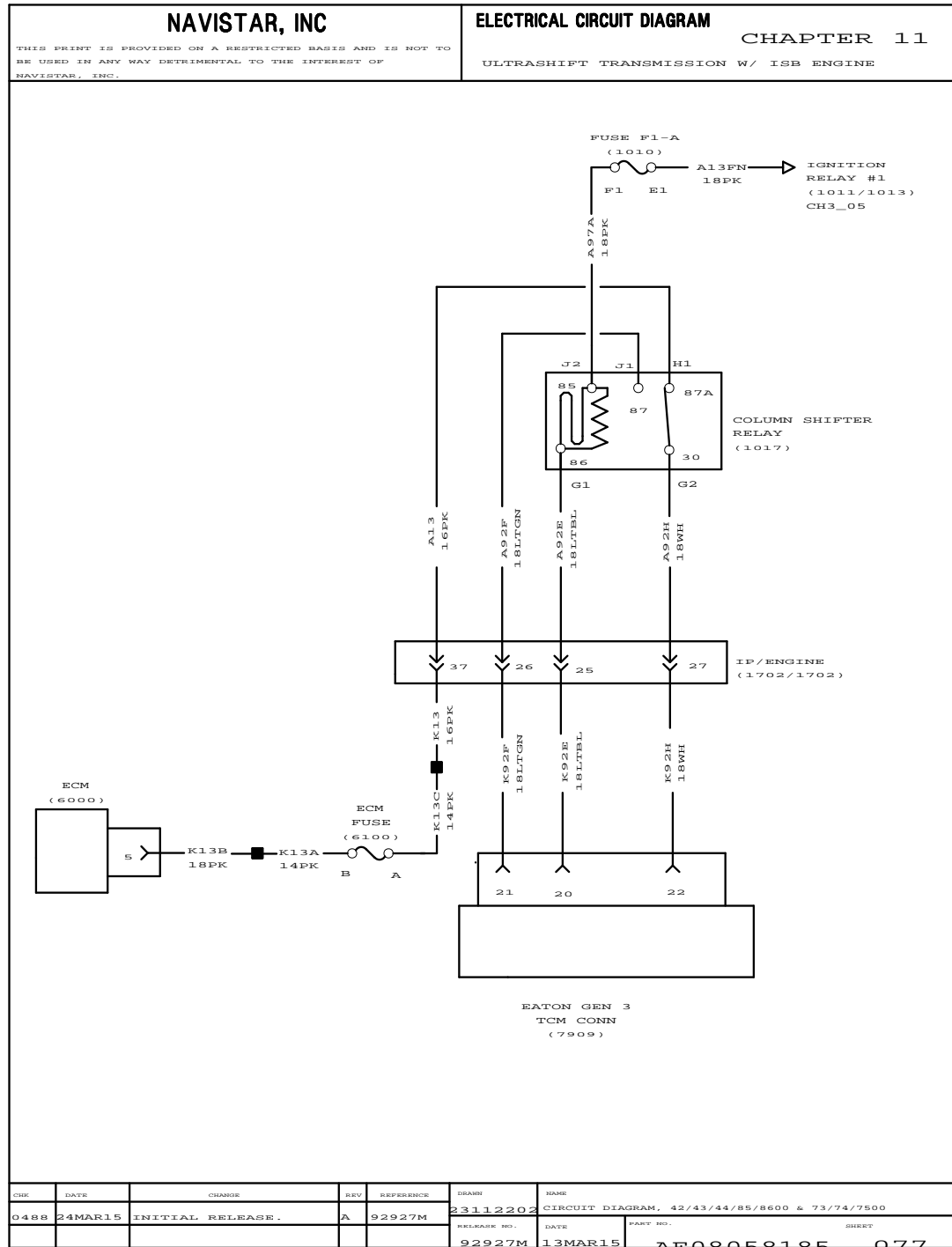


Figure 501 Ultrashift Transmission with ISB Engine

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

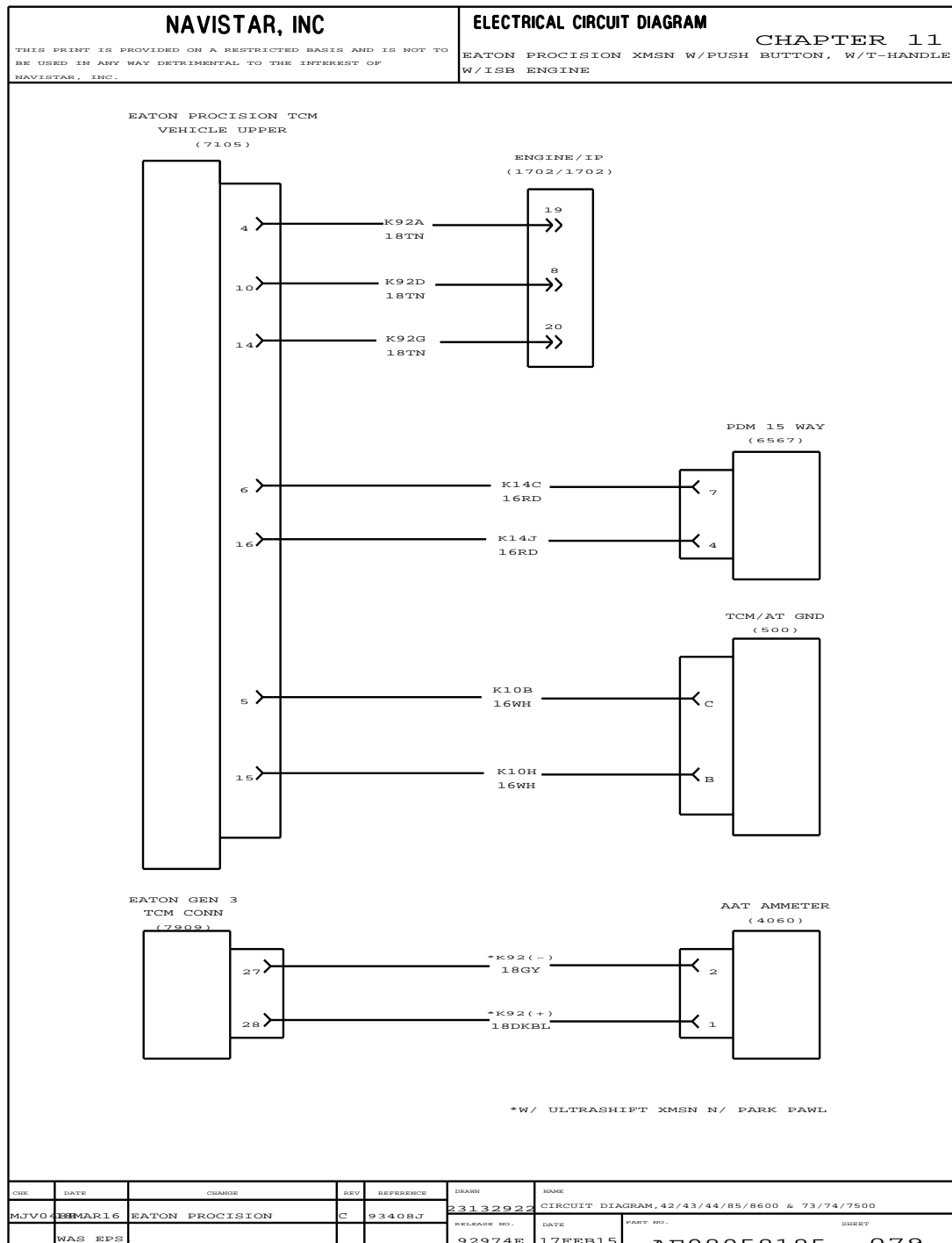


Figure 503 Eaton Procision Transmission with Push Button, with T-Handle with ISB Engine

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

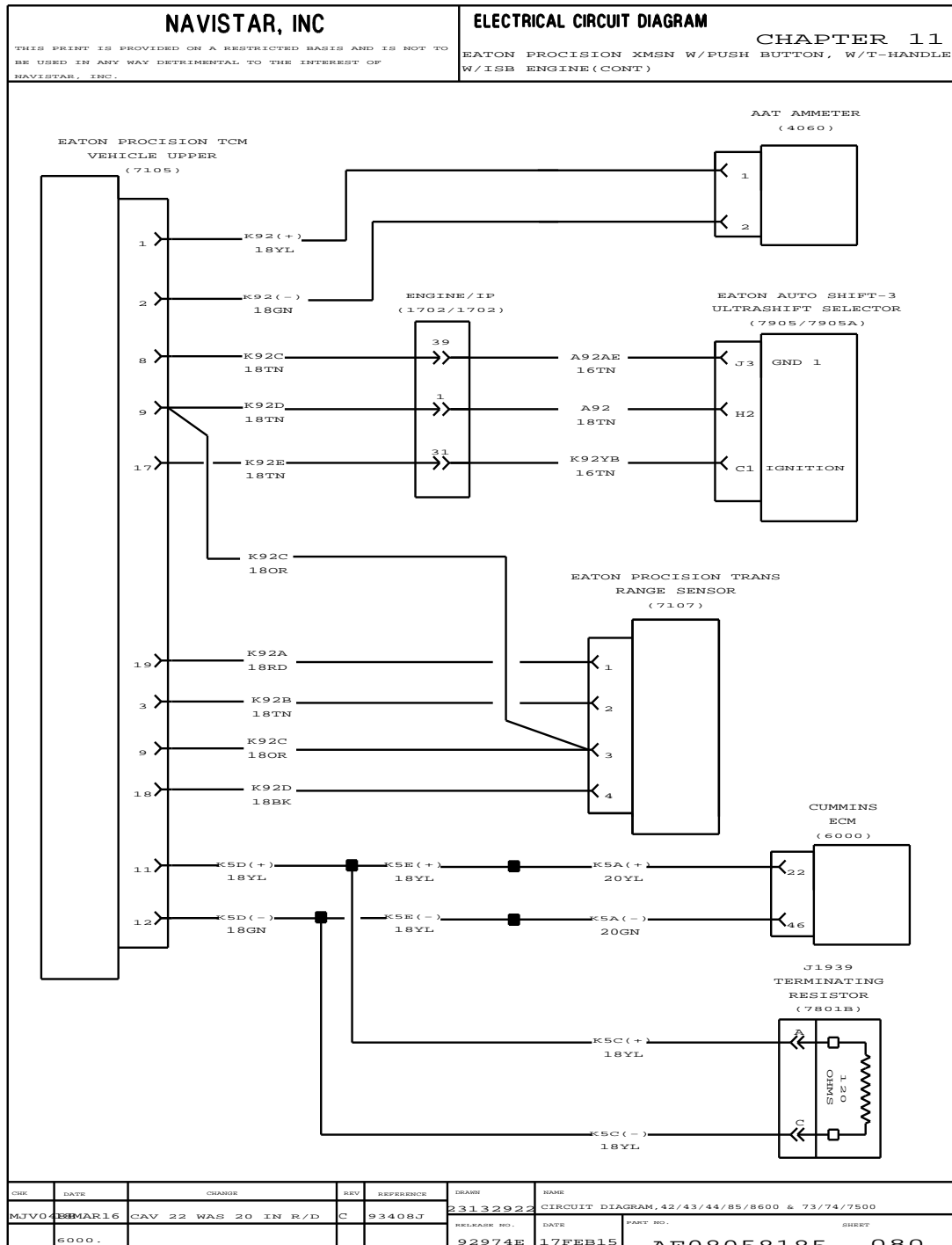
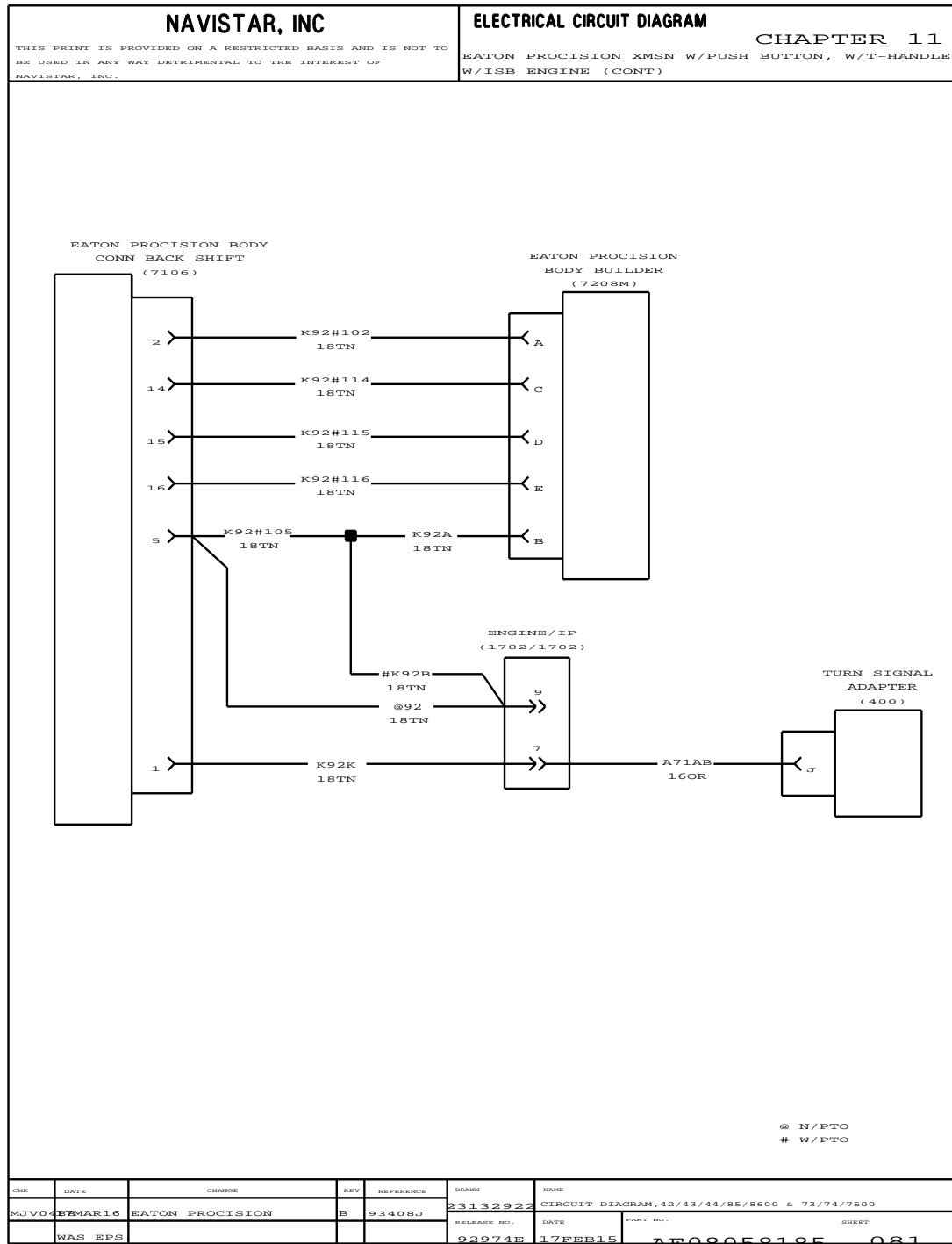


Figure 504 Eaton Procision Transmission with Push Button, with T-Handle with ISB Engine (Cont.)

11.90. EATON PROCISION TRANSMISSION WITH PUSH BUTTON, WITH T-HANDLE WITH ISB ENGINE (CONT.), P. 81**Figure 505 Eaton Procision Transmission with Push Button, with T-Handle with ISB Engine (Cont.)**

ELECTRICAL CIRCUIT DIAGRAM MANUAL

11.91. TRANSMISSION CONTROL MODULE, P. 82

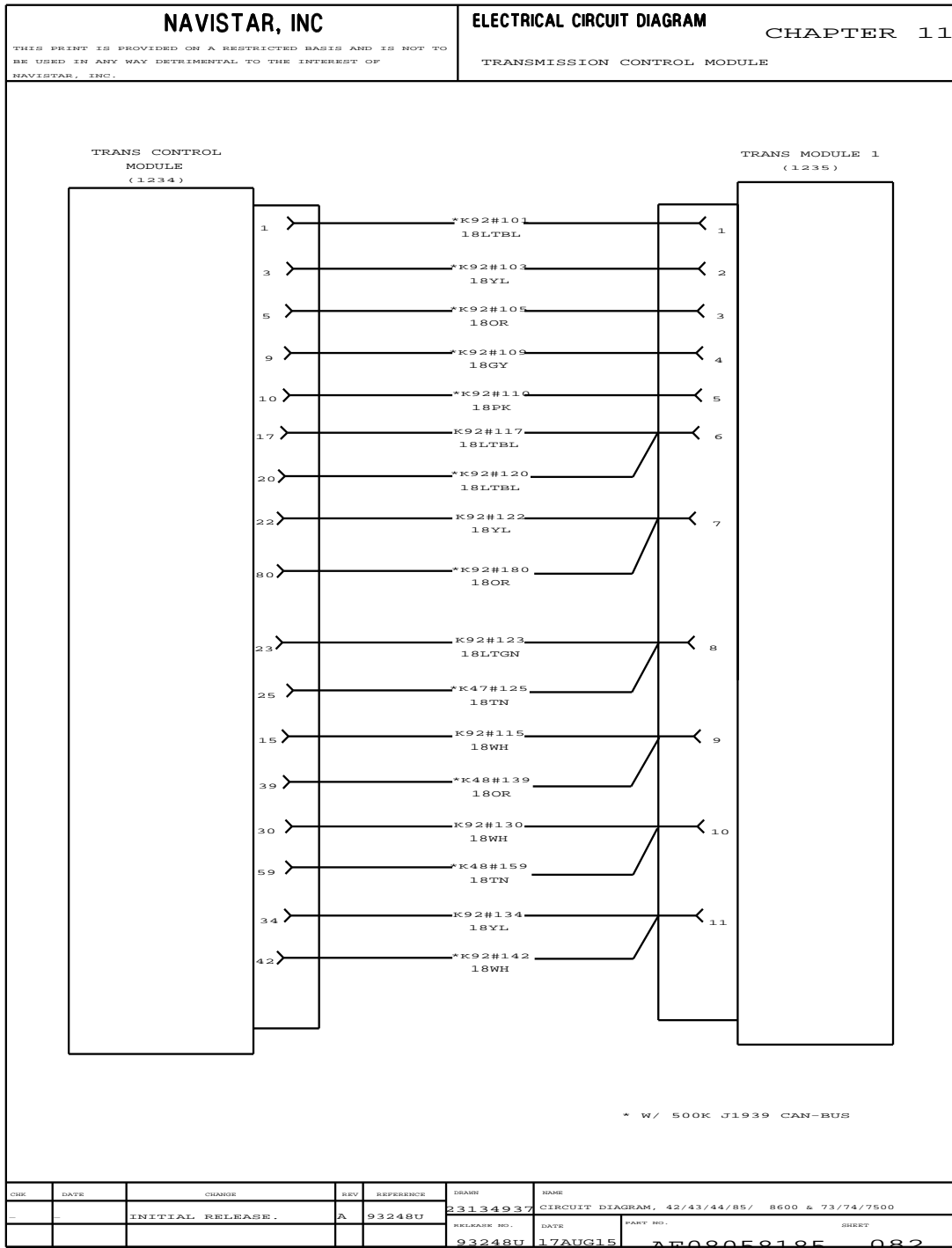


Figure 506 Transmission Control Module

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

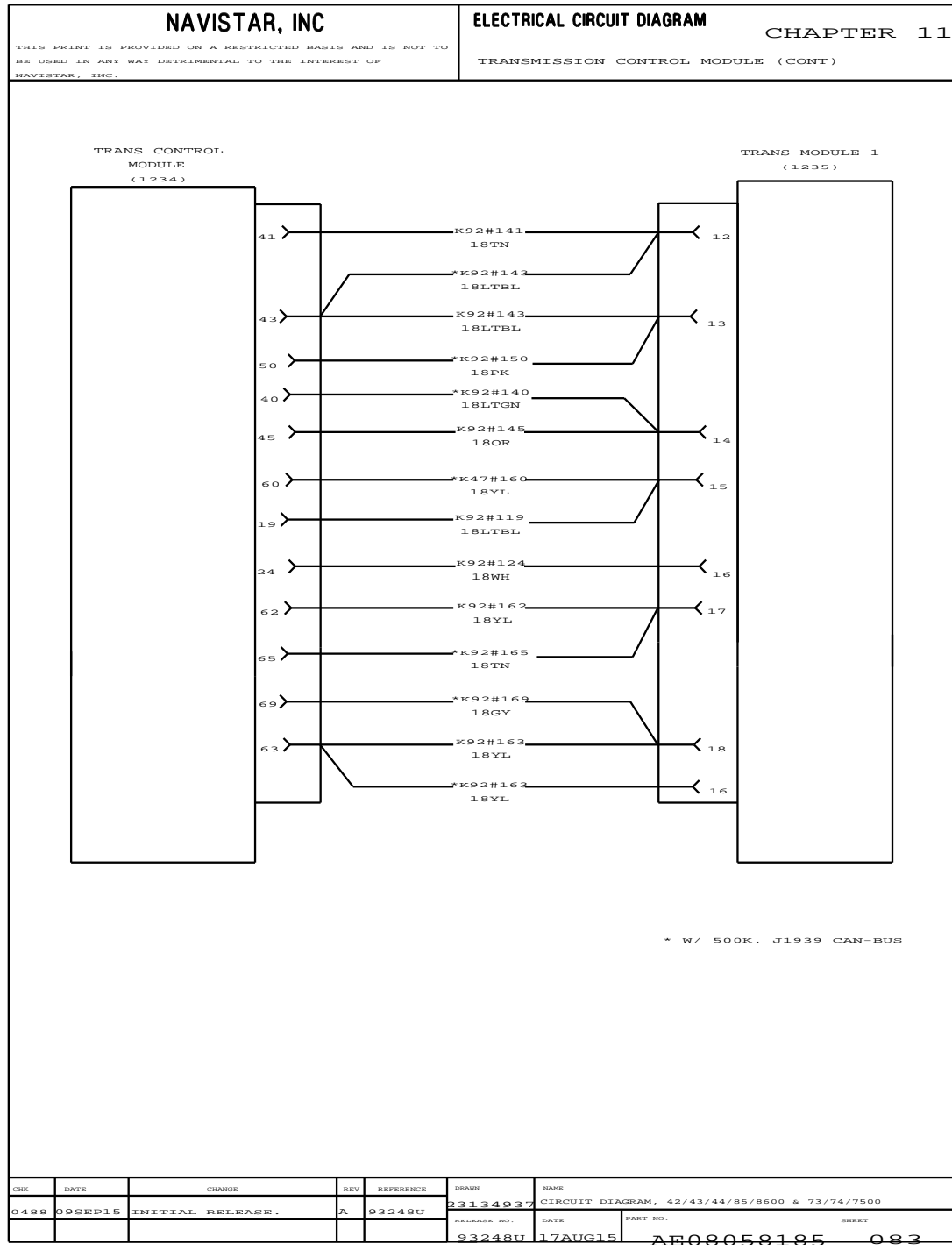


Figure 507 Transmission Control Module (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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

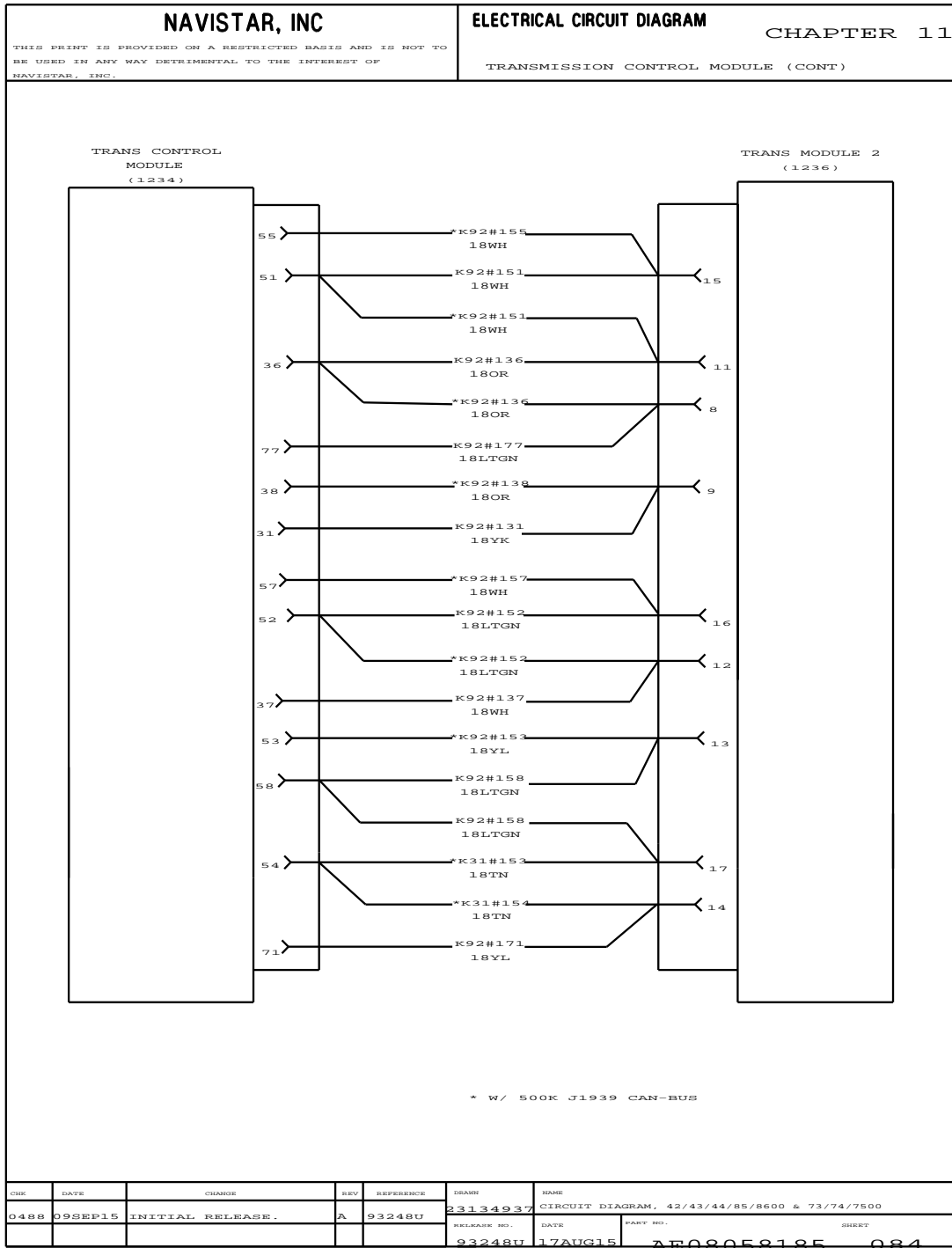


Figure 508 Transmission Control Module (Cont.)

11.94. TRANSMISSION CONTROL MODULE (CONT.), P. 85

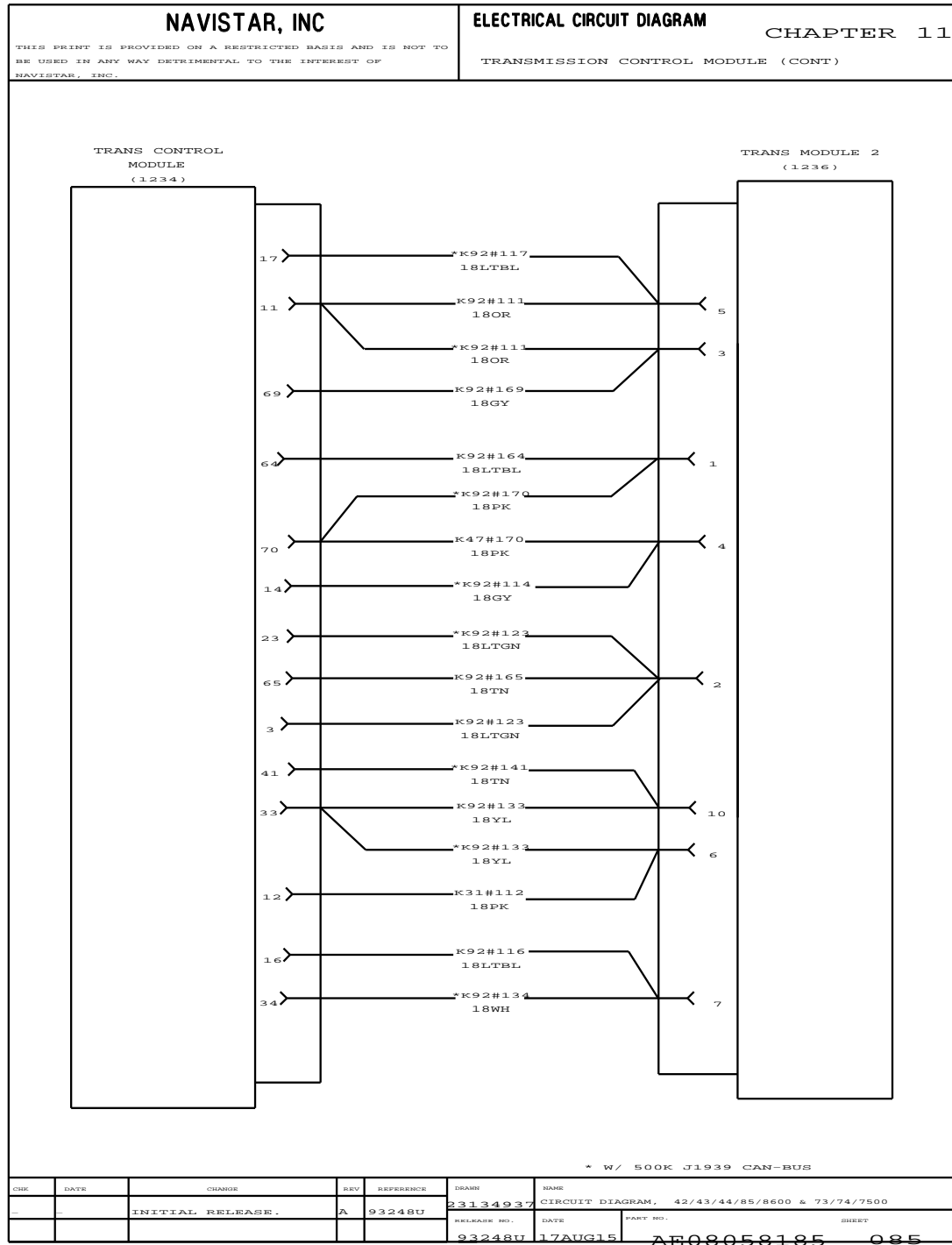


Figure 509 Transmission Control Module (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

11.95. TRANSMISSION CONTROL MODULE (CONT.), P. 86

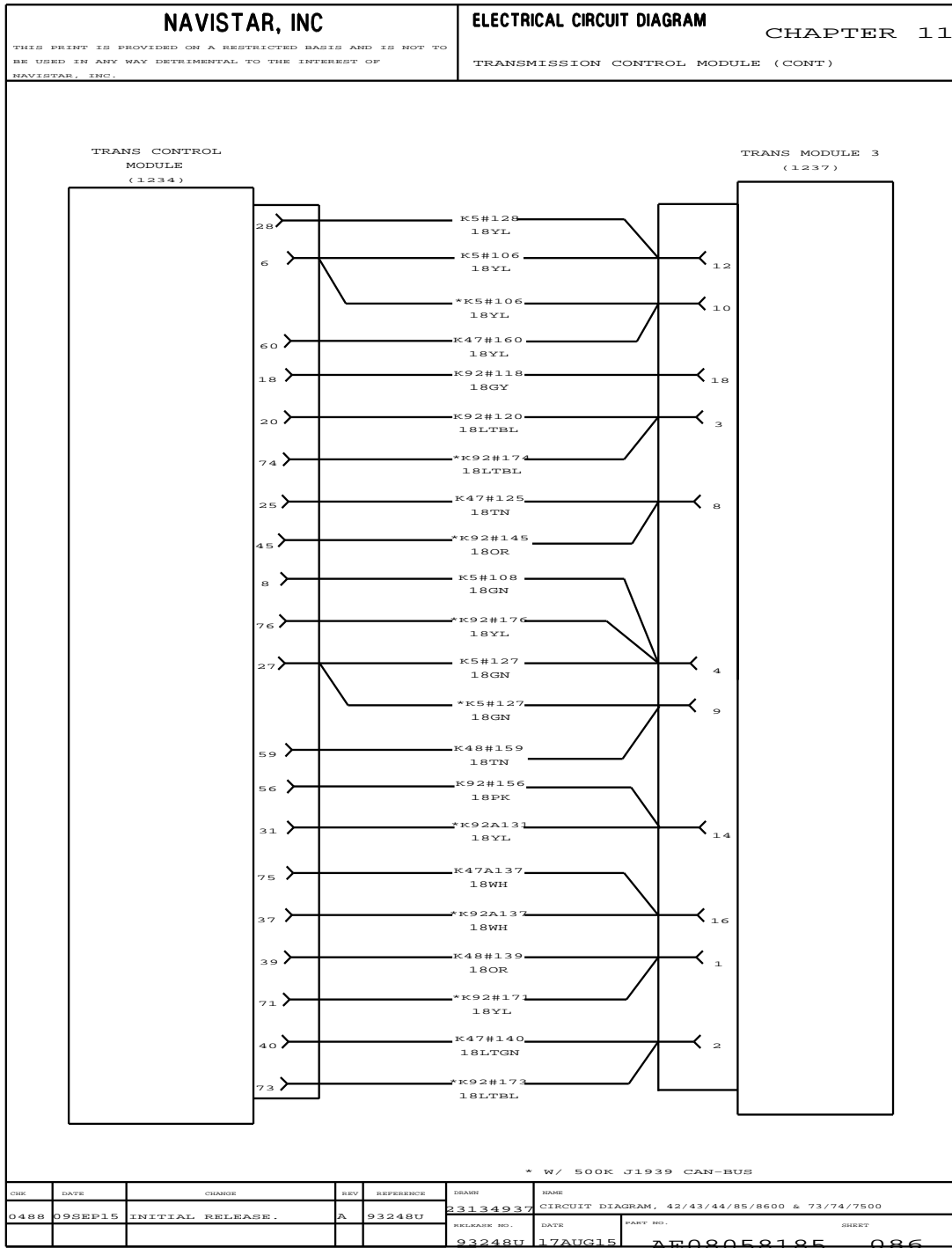


Figure 510 Transmission Control Module (Cont.)

11.96. TRANSMISSION CONTROL MODULE (CONT.), P. 87

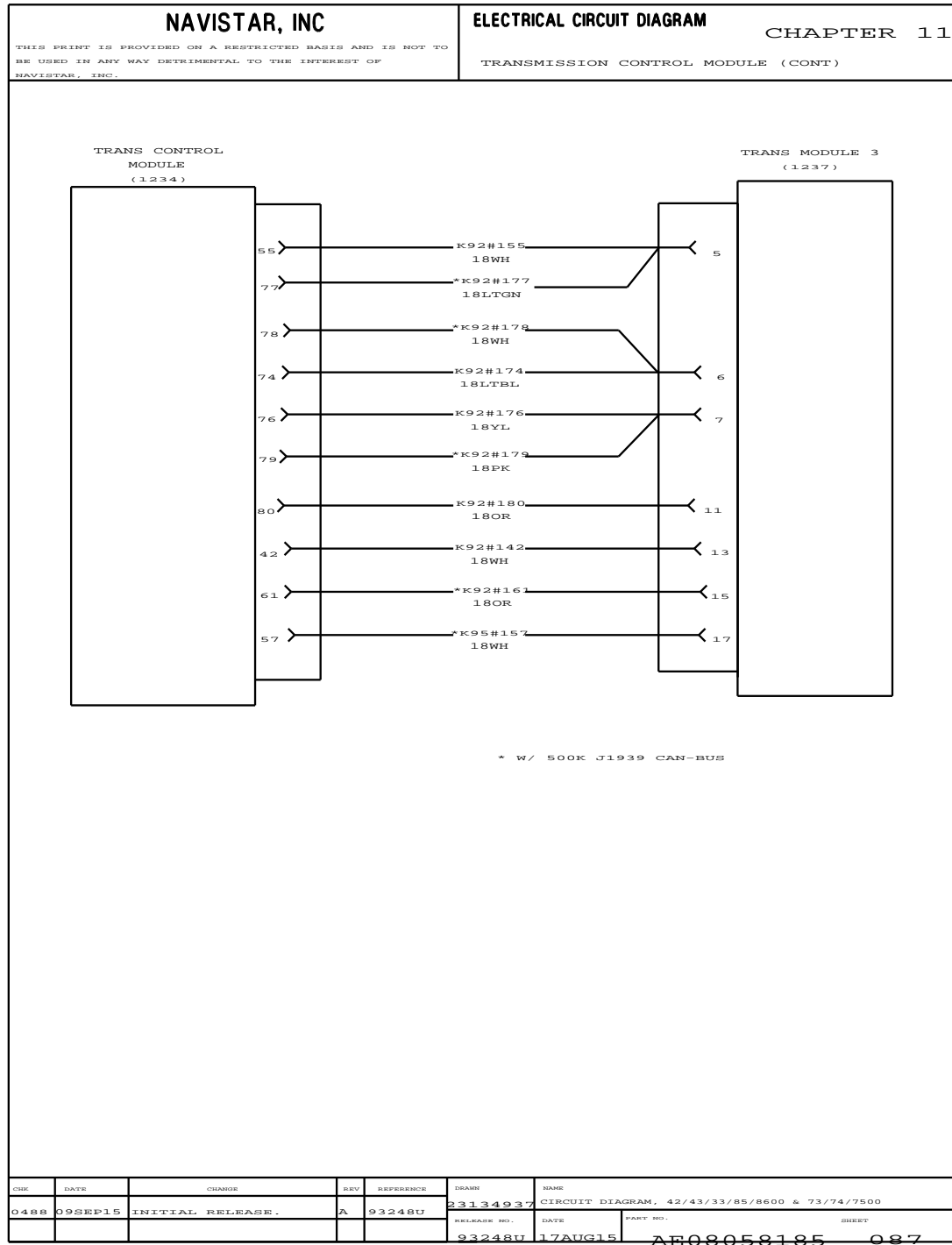


Figure 511 Transmission Control Module (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

AIR CONDITIONING (CHAPTER 12)

12.1. AIR CONDITIONING, P. 1

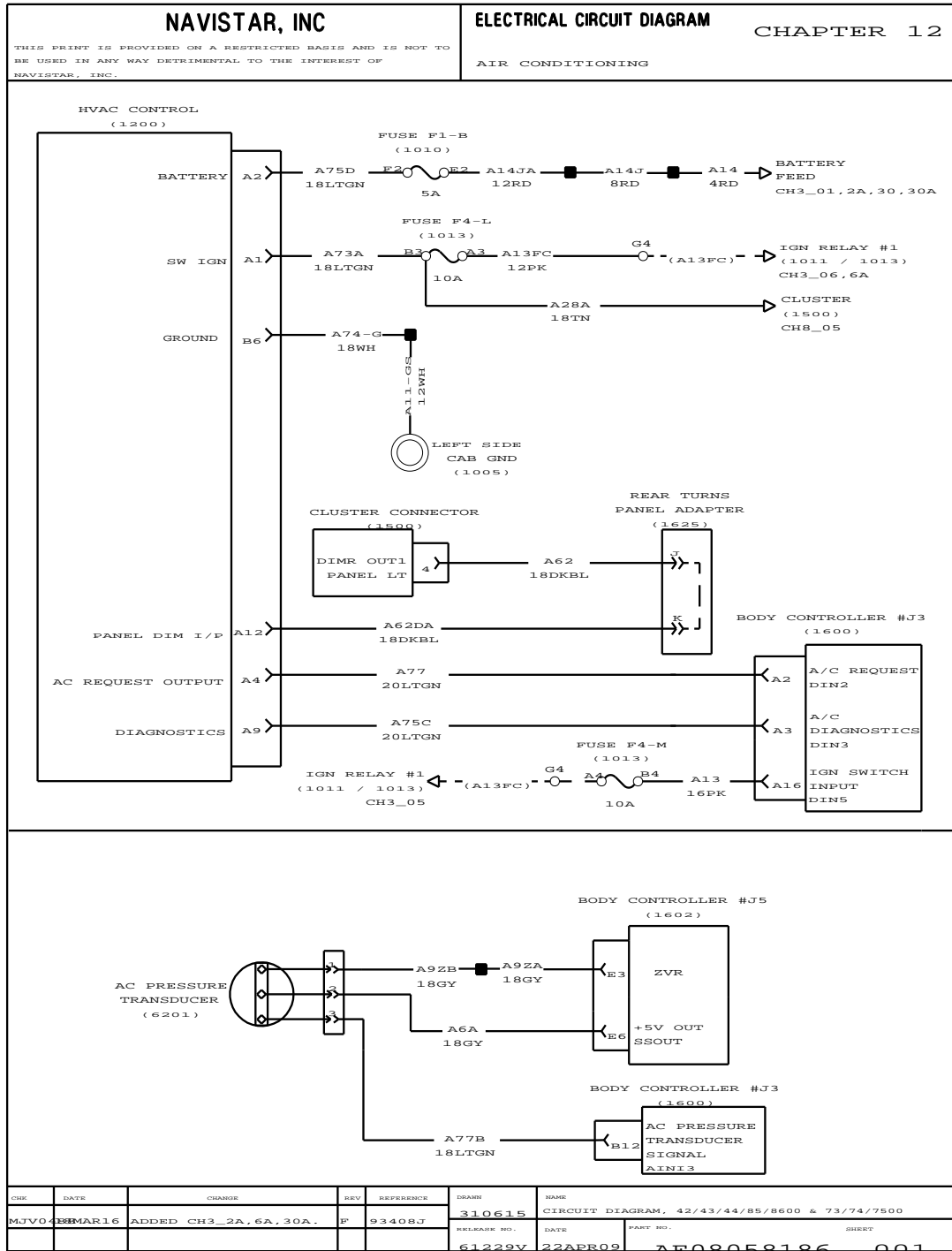


Figure 512 Air Conditioning

12.2. AIR CONDITIONING (CONT.), P. 2

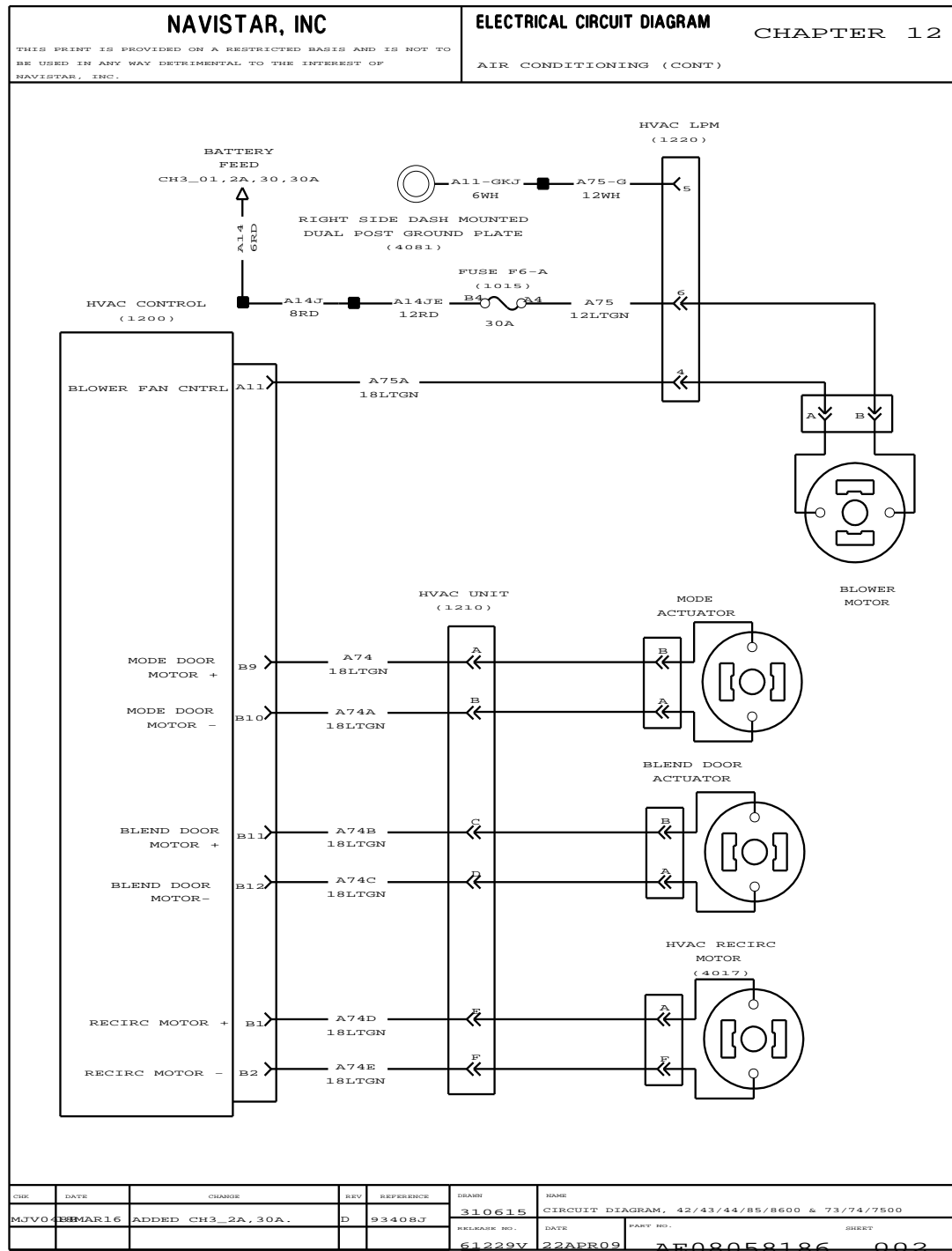


Figure 513 Air Conditioning (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

12.3. HVAC SYSTEM, P. 3

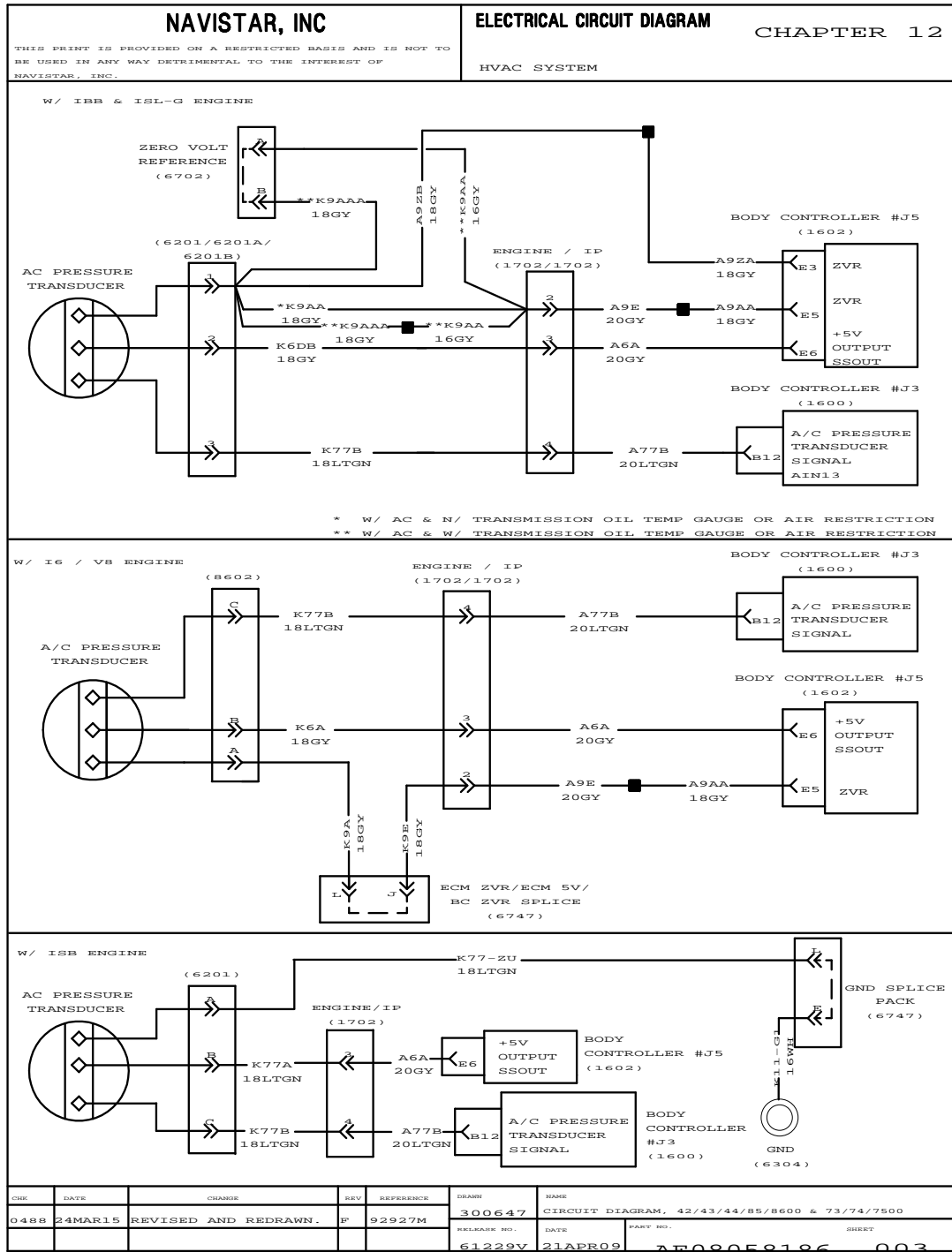


Figure 514 HVAC System

12.4. HVAC SYSTEM (CONT.), P. 4

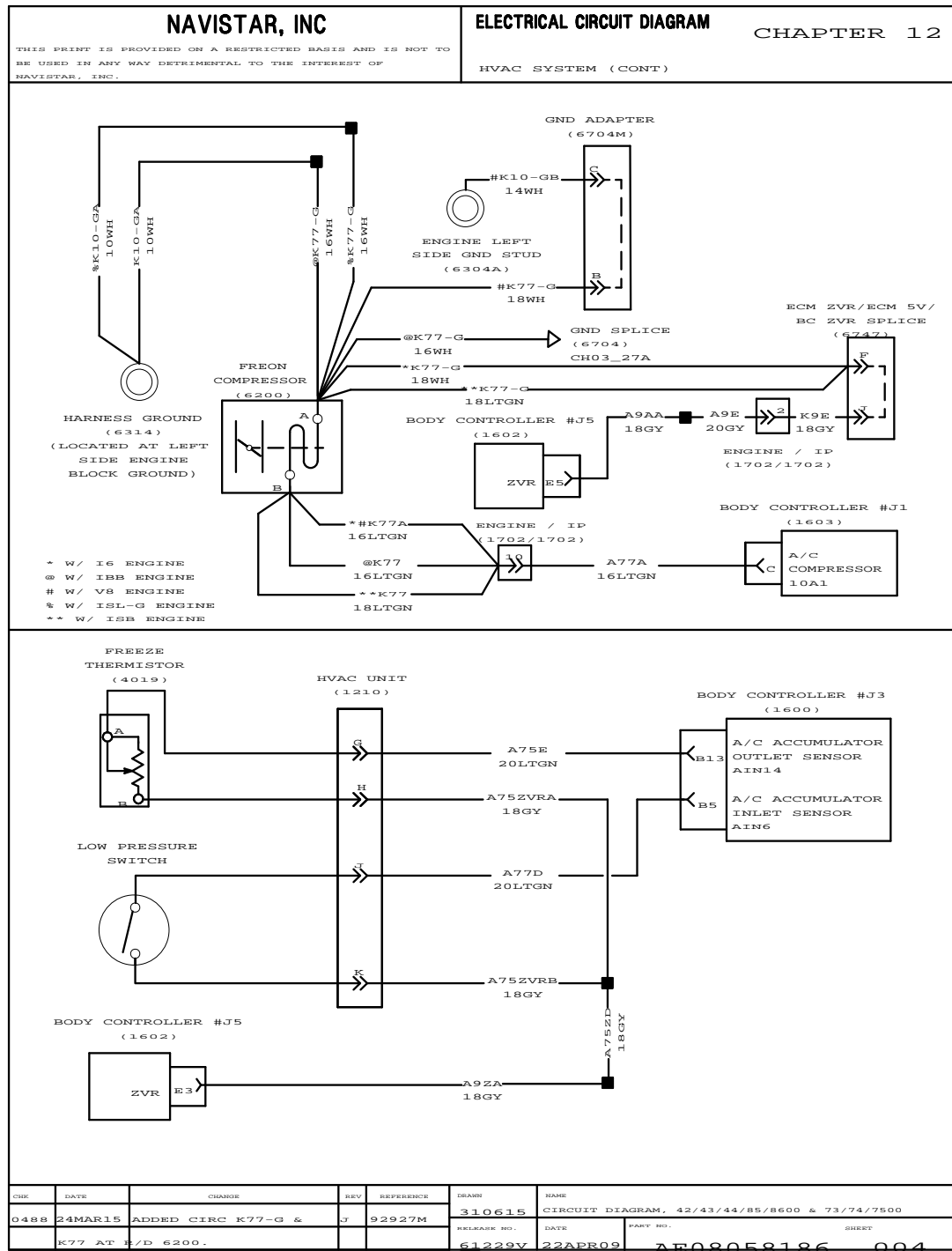


Figure 515 HVAC System (Cont.)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

12.5. HVAC SYSTEM (CONT.), P. 4A

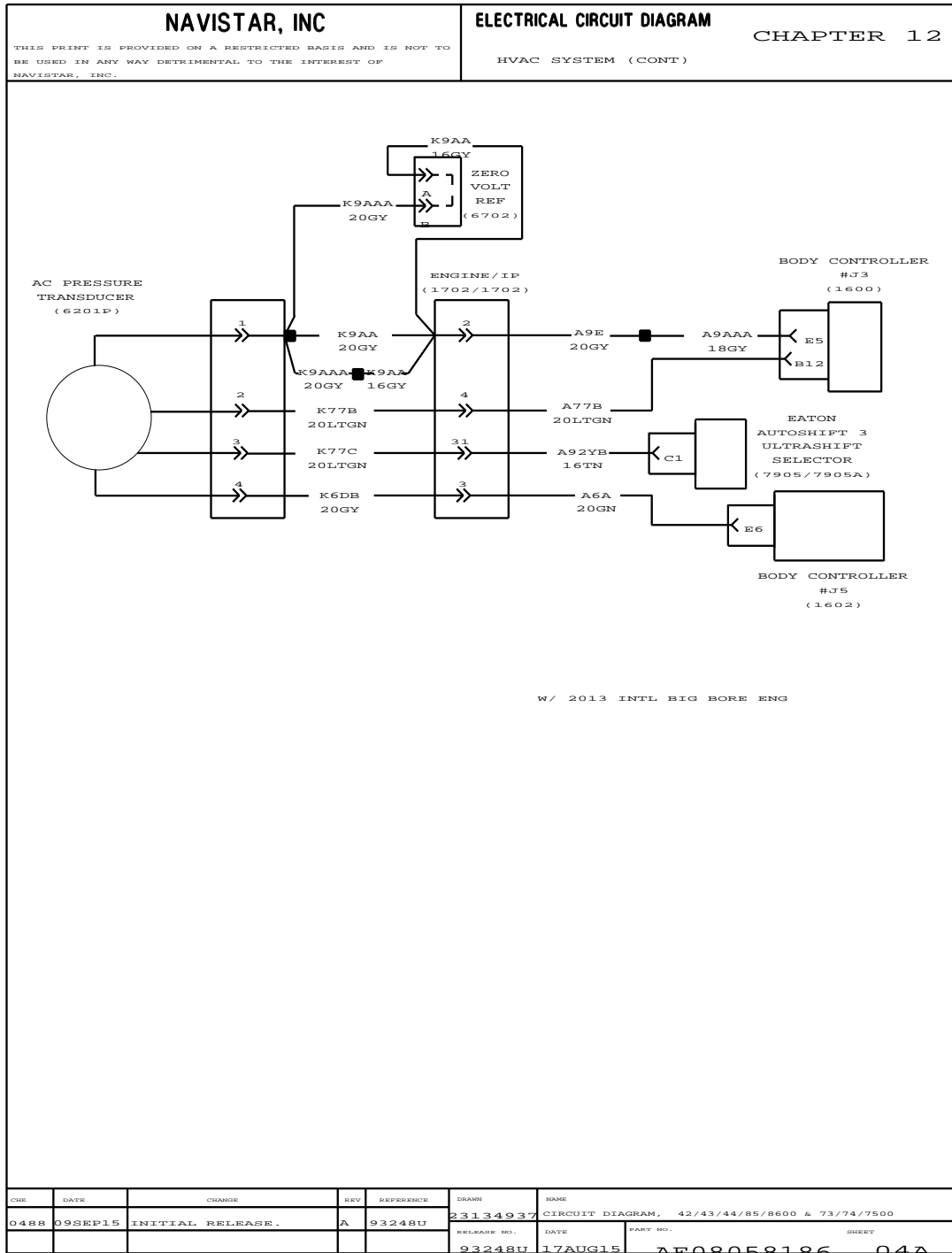


Figure 516 HVAC System (Cont.)

12.6. AUTOTHERM SYSTEM, P. 5

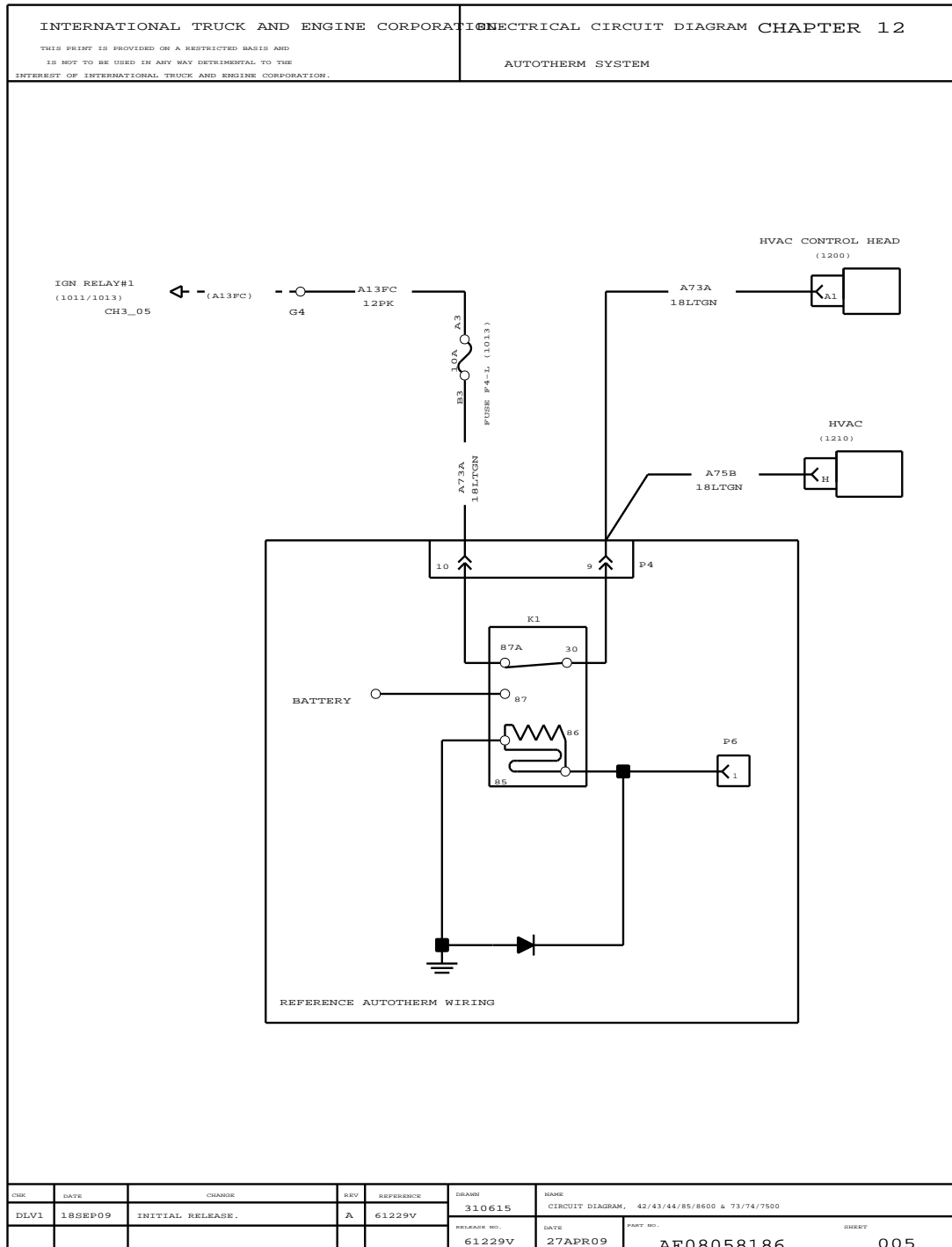


Figure 517 Autotherm System

ELECTRICAL CIRCUIT DIAGRAM MANUAL

CONNECTOR COMPOSITES (CHAPTER 13)

13.1. CONNECTOR COMPOSITES (1), (1A), (2C), P. 1

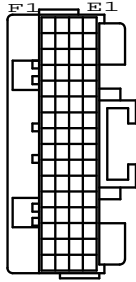


NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13																																																																																																																																																																									
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																																																																																																																																														
<p>BODY CONNECTOR (1) (LOCATED ON LEFT SIDE KICK PANEL)</p> <div style="text-align: center;"><p>F16 E16</p></div> <p>CONNECTOR 3598707C1 BODY LOCK 1618846C1</p>																																																																																																																																																																																			
<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"><thead><tr><th>CAV</th><th>CIRC</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>E1</td><td>ATEM1</td><td>16</td><td>GY</td><td>3522073C1</td></tr><tr><td>E2</td><td>ATEM2</td><td>16</td><td>GY</td><td>3522073C1</td></tr><tr><td>E3</td><td>ATEM3</td><td>16</td><td>GY</td><td>3522073C1</td></tr><tr><td>E4</td><td>ATEM4</td><td>16</td><td>GY</td><td>3522073C1</td></tr><tr><td>E5</td><td>ATEM5</td><td>16</td><td>GY</td><td>3522073C1</td></tr><tr><td>E6</td><td>ATEM6</td><td>16</td><td>GY</td><td>3522073C1</td></tr><tr><td>E7</td><td>ATEM7</td><td>16</td><td>GY</td><td>3522073C1</td></tr><tr><td>E8</td><td>ATEM8</td><td>16</td><td>GY</td><td>3522073C1</td></tr><tr><td>E9</td><td></td><td></td><td></td><td></td></tr><tr><td>E10</td><td></td><td></td><td></td><td></td></tr><tr><td>E11</td><td></td><td></td><td></td><td></td></tr><tr><td>E12</td><td></td><td></td><td></td><td></td></tr><tr><td>E13</td><td></td><td></td><td></td><td></td></tr><tr><td>E14</td><td></td><td></td><td></td><td></td></tr><tr><td>E15</td><td></td><td></td><td></td><td></td></tr><tr><td>E16</td><td></td><td></td><td></td><td></td></tr></tbody></table>					CAV	CIRC	GAUGE	COLOR	TERMINAL	E1	ATEM1	16	GY	3522073C1	E2	ATEM2	16	GY	3522073C1	E3	ATEM3	16	GY	3522073C1	E4	ATEM4	16	GY	3522073C1	E5	ATEM5	16	GY	3522073C1	E6	ATEM6	16	GY	3522073C1	E7	ATEM7	16	GY	3522073C1	E8	ATEM8	16	GY	3522073C1	E9					E10					E11					E12					E13					E14					E15					E16					<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"><thead><tr><th>CAV</th><th>CIRC</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>F1</td><td></td><td></td><td></td><td></td></tr><tr><td>F2</td><td></td><td></td><td></td><td></td></tr><tr><td>F3</td><td></td><td></td><td></td><td></td></tr><tr><td>F4</td><td></td><td></td><td></td><td></td></tr><tr><td>F5</td><td></td><td></td><td></td><td></td></tr><tr><td>F6</td><td></td><td></td><td></td><td></td></tr><tr><td>F7</td><td></td><td></td><td></td><td></td></tr><tr><td>F8</td><td></td><td></td><td></td><td></td></tr><tr><td>F9</td><td></td><td></td><td></td><td></td></tr><tr><td>F10</td><td></td><td></td><td></td><td></td></tr><tr><td>F11</td><td></td><td></td><td></td><td></td></tr><tr><td>F12</td><td></td><td></td><td></td><td></td></tr><tr><td>F13</td><td></td><td></td><td></td><td></td></tr><tr><td>F14</td><td></td><td></td><td></td><td></td></tr><tr><td>F15</td><td></td><td></td><td></td><td></td></tr><tr><td>F16</td><td></td><td></td><td></td><td></td></tr></tbody></table>					CAV	CIRC	GAUGE	COLOR	TERMINAL	F1					F2					F3					F4					F5					F6					F7					F8					F9					F10					F11					F12					F13					F14					F15					F16				
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<p>ANTENNA CABLE (1A) (LOCATED ON LEFT SIDE OF THE ENGINE)</p> <div style="text-align: center;"><p>CONNECTOR 3547279C93</p></div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"><thead><tr><th>CAV</th><th>CIRC</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>[BDORE]</td><td>22</td><td>BK</td><td>ASSY</td></tr><tr><td>2</td><td>[BDHLD]</td><td>22</td><td>NONE</td><td>ASSY</td></tr></tbody></table>					CAV	CIRC	GAUGE	COLOR	TERMINAL	1	[BDORE]	22	BK	ASSY	2	[BDHLD]	22	NONE	ASSY	<p>EXHAUST BRAKE (1C) (LOCATED ON LEFT SIDE OF THE ENGINE)</p> <div style="text-align: center;"><p>CONNECTOR 0188395R1</p></div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"><thead><tr><th>CAV</th><th>CIRC</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>24E</td><td>16</td><td>GY</td><td>0879630R1</td></tr></tbody></table>					CAV	CIRC	GAUGE	COLOR	TERMINAL	A	24E	16	GY	0879630R1																																																																																																																																																	
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Figure 518 Connector Composites (1), (1A), (2C)

13.2. CONNECTOR COMPOSITES (2A), (3A), (4A), (18A), (19A), P. 1A




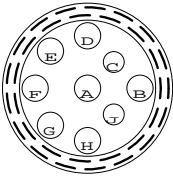
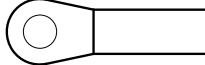
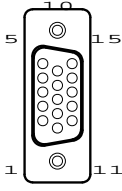
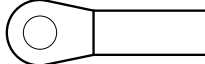
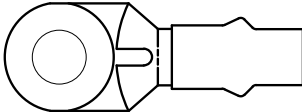
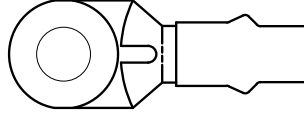
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																																																																																											
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<p style="text-align: center;">ANTENNA CABLE (2A) (LOCATED IN INSTRUMENT PANEL)</p>  <p style="text-align: center;">CONNECTOR 3547279C93</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>[ACORE]</td> <td>22</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>[ASHLD]</td> <td>22</td> <td>NONE</td> <td>ASSY</td> </tr> </tbody> </table>				CAV	CIRC	GAUGE	COLOR	TERMINAL	1	[ACORE]	22	BK	ASSY	2	[ASHLD]	22	NONE	ASSY	<p style="text-align: center;">SATELLITE RADIO ANTENNA (3A) (LOCATED IN INSTRUMENT PANEL)</p>  <p style="text-align: center;">CONNECTOR 3624343C1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>[ACORE]</td> <td>22</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>[ASHLD]</td> <td>22</td> <td>NONE</td> <td>ASSY</td> </tr> </tbody> </table>				CAV	CIRC	GAUGE	COLOR	TERMINAL	1	[ACORE]	22	BK	ASSY	2	[ASHLD]	22	NONE	ASSY																																																														
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<p style="text-align: center;">SATELLITE RADIO ANT (4A) (LOCATED IN INSTRUMENT PANEL)</p>  <p style="text-align: center;">CONNECTOR 3624343CX</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>[ACORE]</td> <td>22</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>[ASHLD]</td> <td>22</td> <td>NONE</td> <td>ASSY</td> </tr> </tbody> </table>				CAV	CIRC	GAUGE	COLOR	TERMINAL	1	[ACORE]	22	BK	ASSY	2	[ASHLD]	22	NONE	ASSY																																																																																	
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<p style="text-align: center;">IVIS DATA LINK SUPPLY CABLE (18A)</p>  <p style="text-align: center;">CONNECTOR 3686068C91</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>[AWHT]</td> <td>18</td> <td>WH</td> <td>ASSY</td> </tr> <tr> <td>B</td> <td>[ARED]</td> <td>18</td> <td>RD</td> <td>ASSY</td> </tr> <tr> <td>C</td> <td>[AYEL]</td> <td>18</td> <td>YL</td> <td>ASSY</td> </tr> <tr> <td>D</td> <td>[AGRN]</td> <td>18</td> <td>GN</td> <td>ASSY</td> </tr> <tr> <td>E</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>F</td> <td>[ABLU]</td> <td>18</td> <td>DK BL</td> <td>ASSY</td> </tr> <tr> <td>G</td> <td>[AGRY]</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> </tbody> </table>				CAV	CIRC	GAUGE	COLOR	TERMINAL	A	[AWHT]	18	WH	ASSY	B	[ARED]	18	RD	ASSY	C	[AYEL]	18	YL	ASSY	D	[AGRN]	18	GN	ASSY	E	PLUG	-	-	-	F	[ABLU]	18	DK BL	ASSY	G	[AGRY]	18	GY	ASSY	<p style="text-align: center;">BATTERY +VE (100) (LOCATED NEAR BATTERY CABLE)</p>  <p style="text-align: center;">TERMINAL 0373756C2</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>14-FL</td> <td>8</td> <td>L/TBL</td> <td>0373756C2</td> <td>2644005R1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	14-FL	8	L/TBL	0373756C2	2644005R1																																								
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<p style="text-align: center;">IVIS DATA LINK CONN (19A)</p>  <p style="text-align: center;">CONNECTOR 3686068C9X</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRC</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>[AWHT]</td> <td>18</td> <td>WH</td> <td>ASSY</td> </tr> <tr> <td>7</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>8</td> <td>[ARED]</td> <td>18</td> <td>RD</td> <td>ASSY</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> <tr> <td>11</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>12</td> <td>[AGRN]</td> <td>18</td> <td>GN</td> <td>ASSY</td> </tr> <tr> <td>13</td> <td>[AYEL]</td> <td>18</td> <td>YL</td> <td>ASSY</td> </tr> <tr> <td>14</td> <td>[AGRY]</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>15</td> <td>[ABLU]</td> <td>18</td> <td>DK BL</td> <td>ASSY</td> </tr> </tbody> </table>				CAV	CIRC	GAUGE	COLOR	TERMINAL	1	PLUG	-	-	-	2	PLUG	-	-	-	3	PLUG	-	-	-	4	PLUG	-	-	-	5	PLUG	-	-	-	6	[AWHT]	18	WH	ASSY	7	PLUG	-	-	-	8	[ARED]	18	RD	ASSY	9	PLUG	-	-	-	10	PLUG	-	-	-	11	PLUG	-	-	-	12	[AGRN]	18	GN	ASSY	13	[AYEL]	18	YL	ASSY	14	[AGRY]	18	GY	ASSY	15	[ABLU]	18	DK BL	ASSY	<p style="text-align: center;">BATTERY +VE (100) (LOCATED NEAR BATTERY CABLE)</p>  <p style="text-align: center;">TERMINAL 0365684C2</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>14-FL</td> <td>10</td> <td>RS</td> <td>0365684C2</td> <td>2644005R1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	14-FL	10	RS	0365684C2	2644005R1
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<p style="text-align: center;">PDM POWER FEED (101) (LOCATED NEAR PDM)</p>  <p style="text-align: center;">TERMINAL 0475961C1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>14A</td> <td>4</td> <td>RD</td> <td>0475961C1</td> <td>3812582R1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	14A	4	RD	0475961C1	3812582R1	<p style="text-align: center;">PDM POWER FEED (101) (LOCATED NEAR PDM)</p>  <p style="text-align: center;">TERMINAL 3752567C1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>14A</td> <td>6</td> <td>RD</td> <td>3752567C1</td> <td>2644002R1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	14A	6	RD	3752567C1	2644002R1																																																																				
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Figure 519 Connector Composites (2A), (3A), (4A), (18A), (19A)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.3. CONNECTOR COMPOSITES (254F), (254M), (304), (317), P. 2

NAVISTAR, INC

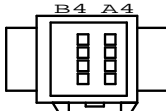
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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

MIRROR SWITCH CONN
(254F)
(LOCATED IN INSTRUMENT PANEL LEFT SIDE)

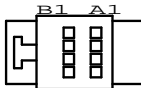


B1 A1

CONNECTOR 3662108C1

CAV	CIRC	GAUGE	COLOR	TERMINAL
A1	A62D	20	DKBL	3662109C1
A2	A78L	20	RD	3662109C1
A3	A78K	20	LTGN	3662109C1
A4	A78-GD	20	WH	3662109C1
B1	A78A	20	LTGN	3662109C1
B2	A78D	20	LTGN	3662109C1
B3	A78C	20	LTGN	3662109C1
B4	A78F	20	LTGN	3662109C1

MIRROR SWITCH CONN
(254M)
(LOCATED IN INSTRUMENT PANEL
BEHIND CENTER PANEL)

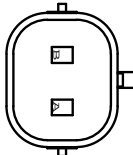


B4 A4

CONNECTOR 3510243C1

CAV	CIRC	GAUGE	COLOR	TERMINAL
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A2	A78L	20	RD	3535805C1
A3	A78K	20	LTGN	3535805C1
A4	A78-GD	20	WH	3535805C1
B1	A78A	20	LTGN	3535805C1
B2	A78D	20	LTGN	3535805C1
B3	A78C	20	LTGN	3535805C1
B4	A78F	20	LTGN	3535805C1

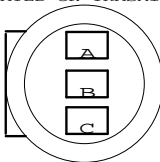
BACK-UP LIGHT
(304)
(LOCATED ON TRASMISSION)



CONNECTOR 3543888C1
BODY LOCK 1661874C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	71	16	BK	1667742C1	1661872C1
B	71A	16	WH	1667742C1	1661872C1

CB SLEEVE LIGHT
(317)
(LOCATED ON TRASMISSION)



CONNECTOR 089000-CB

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	71	16	BK	0425058C1	089000-CB
B	PLUG	-	-	-	-
C	71A	16	WH	0425058C1	089000-CB

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
-	-	ADDED R/D 304 & 317	D	92372W	310702	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
		REMOVED R/D 400			RELEASE NO.	DATE
					61229V	20APR09
						PART NO.
						AE08058187
						SHEET
						002

Figure 520 Connector Composites (254F), (254M), (304), (317)

13.4. CONNECTOR COMPOSITES (400), (411M1), (421), (422), P. 3

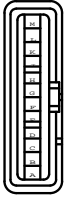
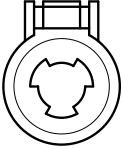
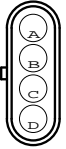
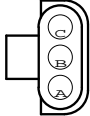
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<p style="text-align: center;">TURN SIGNAL ADAPTER (400) (LOCATED ON MODULE BRACKET)</p>  <p style="text-align: center;">CONNECTOR 3543733C1 BODY LOCK 3543732C1</p> <p style="text-align: center;">* MUTUALLY EXCLUSIVE # W/ LEFT AXLE</p>				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A*</td><td>A57E</td><td>16</td><td>LTGN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>A*</td><td>A57A</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>B*</td><td>A57D</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>B*</td><td>A57D</td><td>16</td><td>LTGN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>C</td><td>A57BC</td><td>16</td><td>LTGN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>D</td><td>A57R</td><td>16</td><td>LTGN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>E*</td><td>A56E</td><td>16</td><td>YL</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>E*</td><td>A56A</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>F*</td><td>A56D</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>F*</td><td>A56D</td><td>16</td><td>YL</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>G</td><td>A56BC</td><td>16</td><td>YL</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>H</td><td>A56R</td><td>16</td><td>YL</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>J</td><td>A71AB</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>K*</td><td>A71BA</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>K*</td><td>A71A</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>L*</td><td>A67H</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>L#</td><td>A71P</td><td>18</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>L*</td><td>A71N</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>M</td><td>A71D</td><td>18</td><td>OR</td><td>3535303C1</td><td>3535424C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	A57E	16	LTGN	3535303C1	3535424C1	A*	A57A	16	OR	3535303C1	3535424C1	B*	A57D	16	OR	3535303C1	3535424C1	B*	A57D	16	LTGN	3535303C1	3535424C1	C	A57BC	16	LTGN	3535303C1	3535424C1	D	A57R	16	LTGN	3535303C1	3535424C1	E*	A56E	16	YL	3535303C1	3535424C1	E*	A56A	16	OR	3535303C1	3535424C1	F*	A56D	16	OR	3535303C1	3535424C1	F*	A56D	16	YL	3535303C1	3535424C1	G	A56BC	16	YL	3535303C1	3535424C1	H	A56R	16	YL	3535303C1	3535424C1	J	A71AB	16	OR	3535303C1	3535424C1	K*	A71BA	16	OR	3535303C1	3535424C1	K*	A71A	16	OR	3535303C1	3535424C1	L*	A67H	18	GY	3535303C1	3535424C1	L#	A71P	18	OR	3535303C1	3535424C1	L*	A71N	16	OR	3535303C1	3535424C1	M	A71D	18	OR	3535303C1	3535424C1
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<p style="text-align: center;">REMOTE POWER MODULE POSITIVE FEED (411M1) (LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p style="text-align: center;">CONNECTOR 3517760C1</p>				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRC</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr> <td>A</td><td>N14CY</td><td>4</td><td>RD</td><td>3517757C1</td></tr> </tbody> </table>				CAV	CIRC	GAUGE	COLOR	TERMINAL	A	N14CY	4	RD	3517757C1																																																																																																														
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<p style="text-align: center;">RESISTANCE MODULE IN (421) (LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p style="text-align: center;">CONNECTOR 0587571C91</p>				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRC</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>A92RE</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr> <tr><td>B</td><td>A92RE</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr> <tr><td>C</td><td>A92RH</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr> <tr><td>D</td><td>A92RJ</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr> </tbody> </table>				CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A92RE	18	TN	0587578C1	3517771C1	B	A92RE	18	TN	0587578C1	3517771C1	C	A92RH	18	TN	0587578C1	3517771C1	D	A92RJ	18	TN	0587578C1	3517771C1																																																																																										
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<p style="text-align: center;">RESISTANCE MODULE OUT (422) (LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p style="text-align: center;">CONNECTOR 3519221C91</p>				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRC</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>A92#158</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr> <tr><td>B</td><td>A92#156</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr> <tr><td>C</td><td>A92#112</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr> </tbody> </table>				CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A92#158	18	TN	0587578C1	3517771C1	B	A92#156	18	TN	0587578C1	3517771C1	C	A92#112	18	TN	0587578C1	3517771C1																																																																																																
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Figure 521 Connector Composites (400), (411M1), (421), (422)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.5. CONNECTOR COMPOSITES (422F), (423), (424), (425), (500), P. 3A

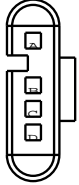
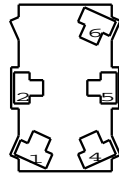
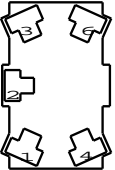

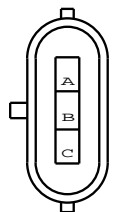
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<p style="text-align: center;">ECM\TCM\AT GND (500)</p>  <p style="text-align: center;">CONNECTOR 1667732C1 BODY LOCK 1667734C1</p>				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>K10-GG</td><td>10</td><td>WH</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>B#</td><td>K10A</td><td>10</td><td>BK</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>B*</td><td>K10-GG</td><td>10</td><td>WH</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>B@</td><td>K11-GAM</td><td>10</td><td>WH</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>B&</td><td>K10H</td><td>16</td><td>WH</td><td>1667736C1</td><td>1664232C1</td></tr> <tr><td>C</td><td>K10-GG</td><td>10</td><td>WH</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>C@</td><td>K10-GH</td><td>10</td><td>WH</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>C&</td><td>K10B</td><td>16</td><td>WH</td><td>1667736C1</td><td>1664232C1</td></tr> </tbody> </table> <p style="font-size: x-small;">* GROUND W/A3000 TAM, W/508002 # GROUND W/TCM W/508004 @ GROUND W/A3000 TAM & GROUND W/EATON PROCISION XMSN</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K10-GG	10	WH	2025425C1	1667735C1	B#	K10A	10	BK	2025425C1	1667735C1	B*	K10-GG	10	WH	2025425C1	1667735C1	B@	K11-GAM	10	WH	2025425C1	1667735C1	B&	K10H	16	WH	1667736C1	1664232C1	C	K10-GG	10	WH	2025425C1	1667735C1	C@	K10-GH	10	WH	2025425C1	1667735C1	C&	K10B	16	WH	1667736C1	1664232C1																		
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Figure 522 Connector Composites (422F), (423), (424), (425), (500)

13.6. CONNECTOR COMPOSITES (600), (608), (662), (663), P. 3B

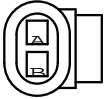
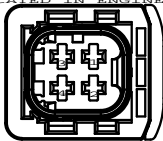
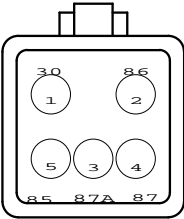
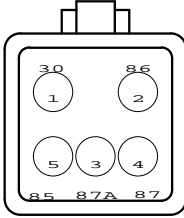
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																							
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<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 45%;"> <p style="text-align: center; font-weight: bold;">FAN AIR SOLENOID (600)</p>  <p style="text-align: center; font-size: small;">CONNECTOR 3522068C1 BODY LOCK 1661874C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLV</th></tr> </thead> <tbody> <tr> <td>A</td><td>K23</td><td>20</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr> <td>B</td><td>K23-G</td><td>20</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr> </tbody> </table> </div> </div>								CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	K23	20	TN	1661875C1	3568570C1	B	K23-G	20	TN	1661875C1	3568570C1																																				
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<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 45%;"> <p style="text-align: center; font-weight: bold;">UPSTREAM NOX SENSOR (608) (LOCATED IN ENGINE)</p>  <p style="text-align: center; font-size: small;">CONNECTOR 3993814C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; 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>K95E</td><td>18</td><td>TN</td><td>3992815C1</td><td>3532128C1</td></tr> <tr><td>1#</td><td>K95E</td><td>18</td><td>TN</td><td>3830792C1</td><td>3532128C1</td></tr> <tr><td>2*</td><td>K5D(-)</td><td>18</td><td>GN</td><td>3992815C1</td><td>3532128C1</td></tr> <tr><td>2#</td><td>K5D(-)</td><td>18</td><td>GN</td><td>3830792C1</td><td>3532128C1</td></tr> <tr><td>3*</td><td>K5D(+)</td><td>18</td><td>YL</td><td>3992815C1</td><td>3532128C1</td></tr> <tr><td>3#</td><td>K5D(+)</td><td>18</td><td>YL</td><td>3830792C1</td><td>3532128C1</td></tr> <tr><td>4*</td><td>K95-GB</td><td>18</td><td>TN</td><td>3992815C1</td><td>3532128C1</td></tr> <tr><td>4#</td><td>K95-GB</td><td>18</td><td>TN</td><td>3830792C1</td><td>3532128C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">* W/MXPI3L SCR ENGINE # W/I6 2010 SCR ENGINE</p> </div> </div>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1*	K95E	18	TN	3992815C1	3532128C1	1#	K95E	18	TN	3830792C1	3532128C1	2*	K5D(-)	18	GN	3992815C1	3532128C1	2#	K5D(-)	18	GN	3830792C1	3532128C1	3*	K5D(+)	18	YL	3992815C1	3532128C1	3#	K5D(+)	18	YL	3830792C1	3532128C1	4*	K95-GB	18	TN	3992815C1	3532128C1	4#	K95-GB	18	TN	3830792C1	3532128C1
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<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 45%;"> <p style="text-align: center; font-weight: bold;">EXHAUST BRAKE RELAY (663) (LOCATED ON FRONT LEFT DASH PANEL (UPPER))</p>  <p style="text-align: center; font-size: small;">CONNECTOR 3512331C91</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRC</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>1</td><td>K24C</td><td>16</td><td>GY</td><td>2039343C1</td><td>0589391C1</td></tr> <tr><td>2</td><td>24A</td><td>14</td><td>GY</td><td>3535486C1</td><td>1652325C1</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>3517771C1</td></tr> <tr><td>4</td><td>24E</td><td>16</td><td>GY</td><td>2039343C1</td><td>1652325C1</td></tr> <tr><td>5</td><td>24D</td><td>14</td><td>GY</td><td>3535486C1</td><td>1652325C1</td></tr> </tbody> </table> </div> </div>								CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K24C	16	GY	2039343C1	0589391C1	2	24A	14	GY	3535486C1	1652325C1	3	PLUG	-	-	0587579C1	3517771C1	4	24E	16	GY	2039343C1	1652325C1	5	24D	14	GY	3535486C1	1652325C1																		
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					AE08058187	03B																																																							

Figure 523 Connector Composites (600), (608), (662), (663)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.7. CONNECTOR COMPOSITES (663R), (664), (670), P. 3C

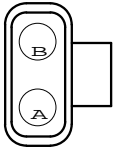
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CHAPTER 13

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

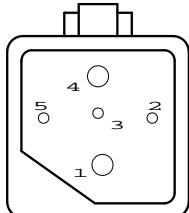
EXHAUST BRAKE FUSE
(663R)
(LOCATED ON FRONT LEFT DASH PANEL (UPPER))



CONNECTOR 1667639C1

CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K24B	16	GY	1661707C1	N/A
B	K24C	16	GY	1661707C1	N/A

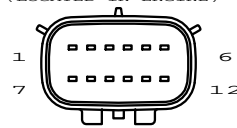
START RELAY
(664)
(LOCATED ON LEFT SIDE OF ENGINE)



CONNECTOR 1661747C91

CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	K17CA	16	PK	3895713C1	N/A
2	K17CB	16	PK	3895713C1	N/A
3	PLUG	-	-	-	-
4	K17C	16	PK	1661707C1	N/A
5	K17CC	16	PK	3895713C1	N/A

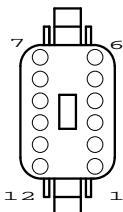
AFTERTREATMENT HARNESS INTERCONNECT
(670)
(LOCATED IN ENGINE)



CONNECTOR 3957650C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	5(+)	18	YL	3709927C1
2	5(-)	18	GN	3709927C1
3	10	16	WH	3709927C1
4	13	16	PK	3709927C1
5	5A(+)	18	YL	3709927C1
6	5A(-)	18	GN	3709927C1
7	9	18	GY	3709927C1
8	95	18	TN	3709927C1
9	95A	18	TN	3709927C1
10	6	18	GY	3709927C1
11	95(+)	18	TN	3709927C1
12	95(-)	18	TN	3709927C1

AFTERTREATMENT HARNESS
(670)
(LOCATED IN ENGINE)



CONNECTOR 3601924C1
BODY LOCK 3601925C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	k5(+)	18	YL	3572625C1
2	k5(-)	18	GN	3572625C1
3	k10-G4	16	WH	3572625C1
4	k10-G4	16	BK	3572625C1
5	k13	16	PK	3572625C1
6	k5A(+)	18	YL	3572625C1
7	k5A(-)	18	GN	3572625C1
8	KV9	20	GY	3755839C1
9	k95	20	TN	3755839C1
10	k95A	20	TN	3755839C1
11	k6E	18	GY	3572625C1
12	k6D	18	PL	3572625C1
13	k95(+)	20	YL	3755839C1
14	k95(-)	20	GN	3755839C1

CHK

DATE

CHANGE

REV

REFERENCE

DRWN

NAME

0488

24MAR15

REVISED AND REDRAWN.

D

92927M

MJVO088

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

RELEASE NO.

DATE

PART NO.

SHEET

92218B

29JUL13

AE08058187

03C

Figure 524 Connector Composites (663R), (664), (670)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.8. CONNECTOR COMPOSITES (670), (671), P. 3D

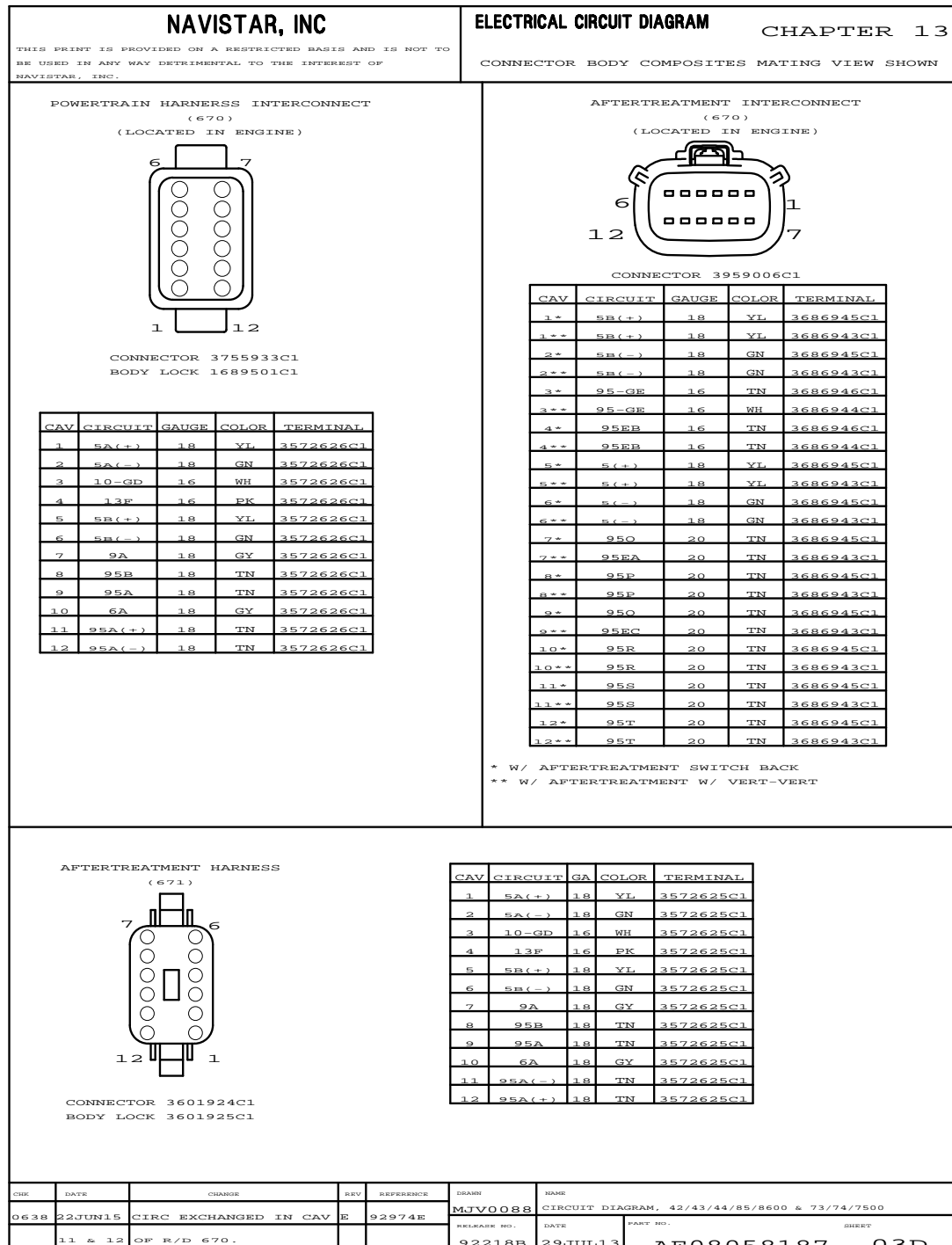


Figure 525 Connector Composites (670), (671)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.9. CONNECTOR COMPOSITES (671), (672), (673), P. 3E

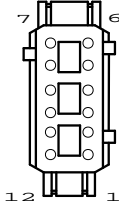
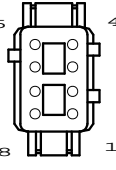
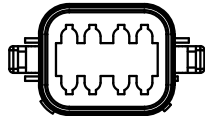

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																																																																																																																						
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Figure 526 Connector Composites (671), (672), (673)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.10. CONNECTOR COMPOSITES (674), P. 3F

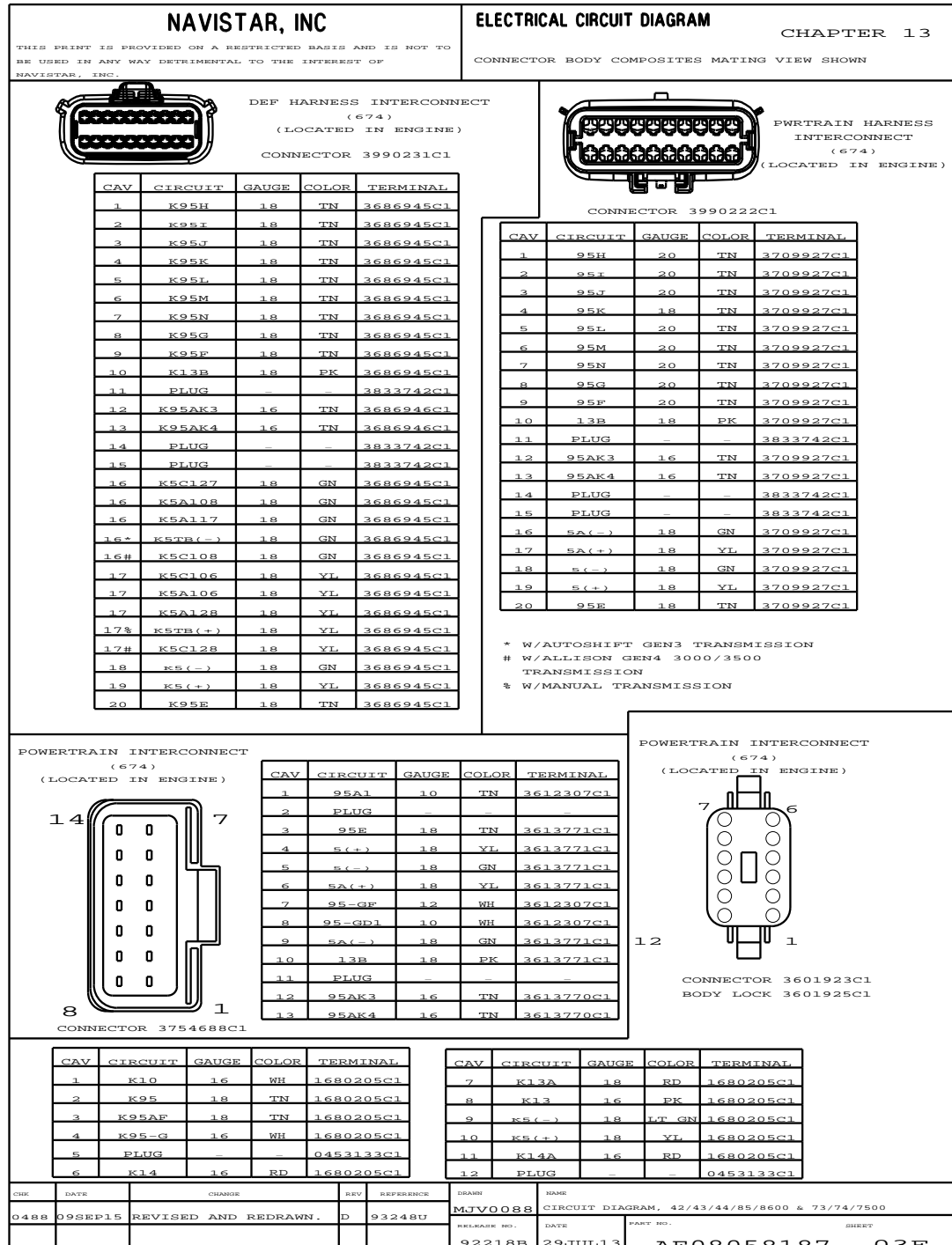


Figure 527 Connector Composites (674)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.11. CONNECTOR COMPOSITES (674), (675), (676), (677), (678), P. 3G

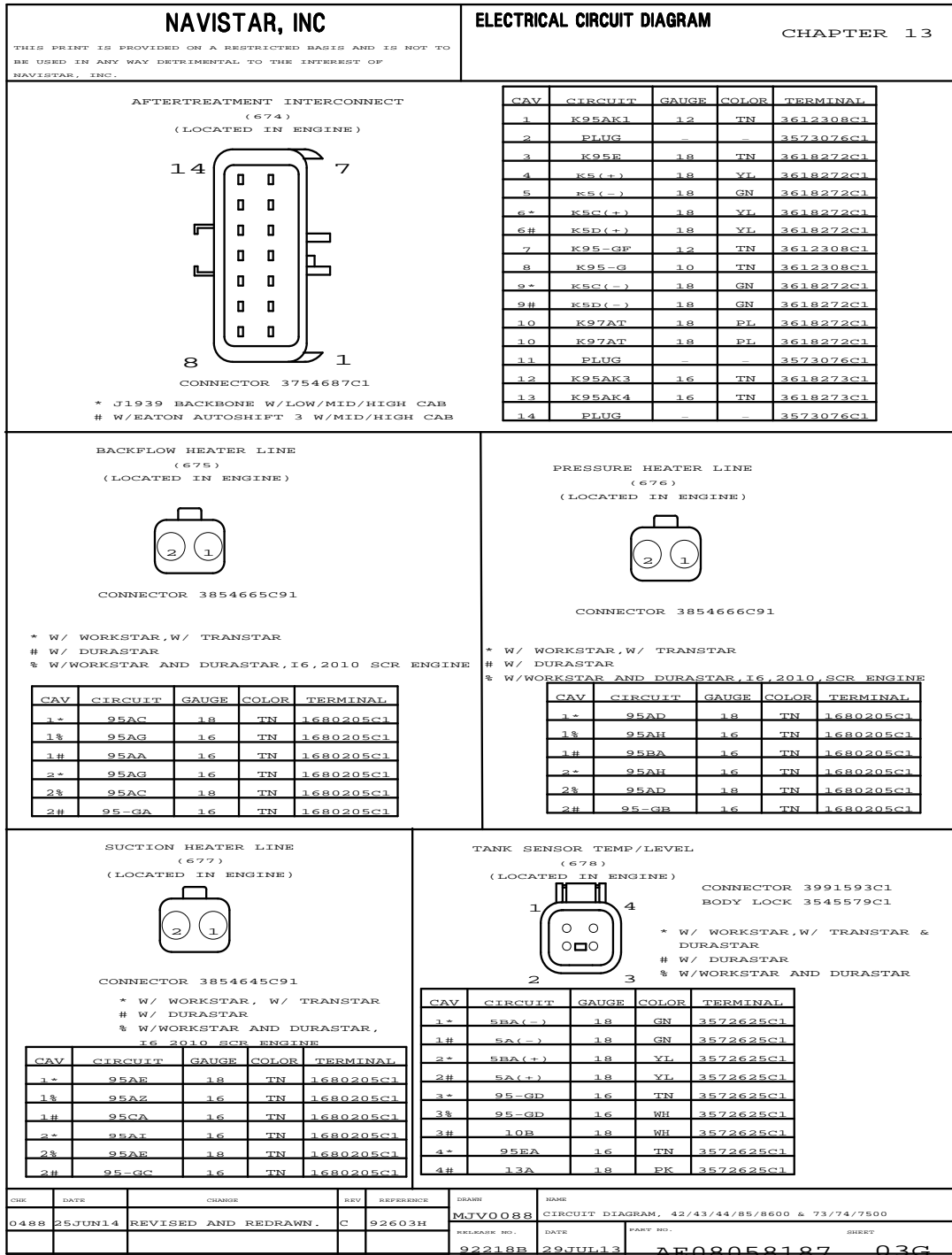


Figure 528 Connector Composites (674), (675), (676), (677), (678)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.12. CONNECTOR COMPOSITES (679), P. 3H

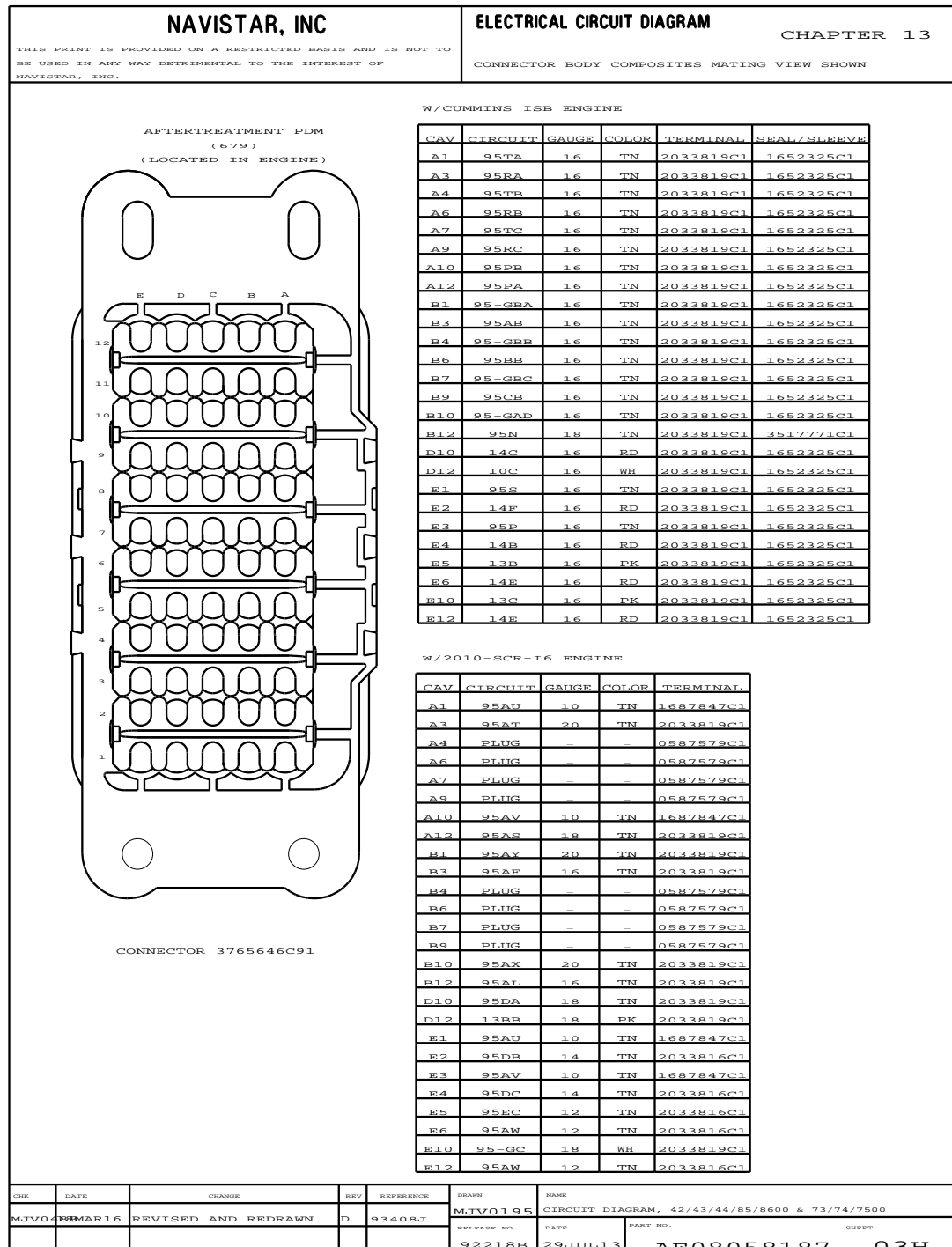


Figure 529 Connector Composites (679)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.13. CONNECTOR COMPOSITES (679), P. 3I

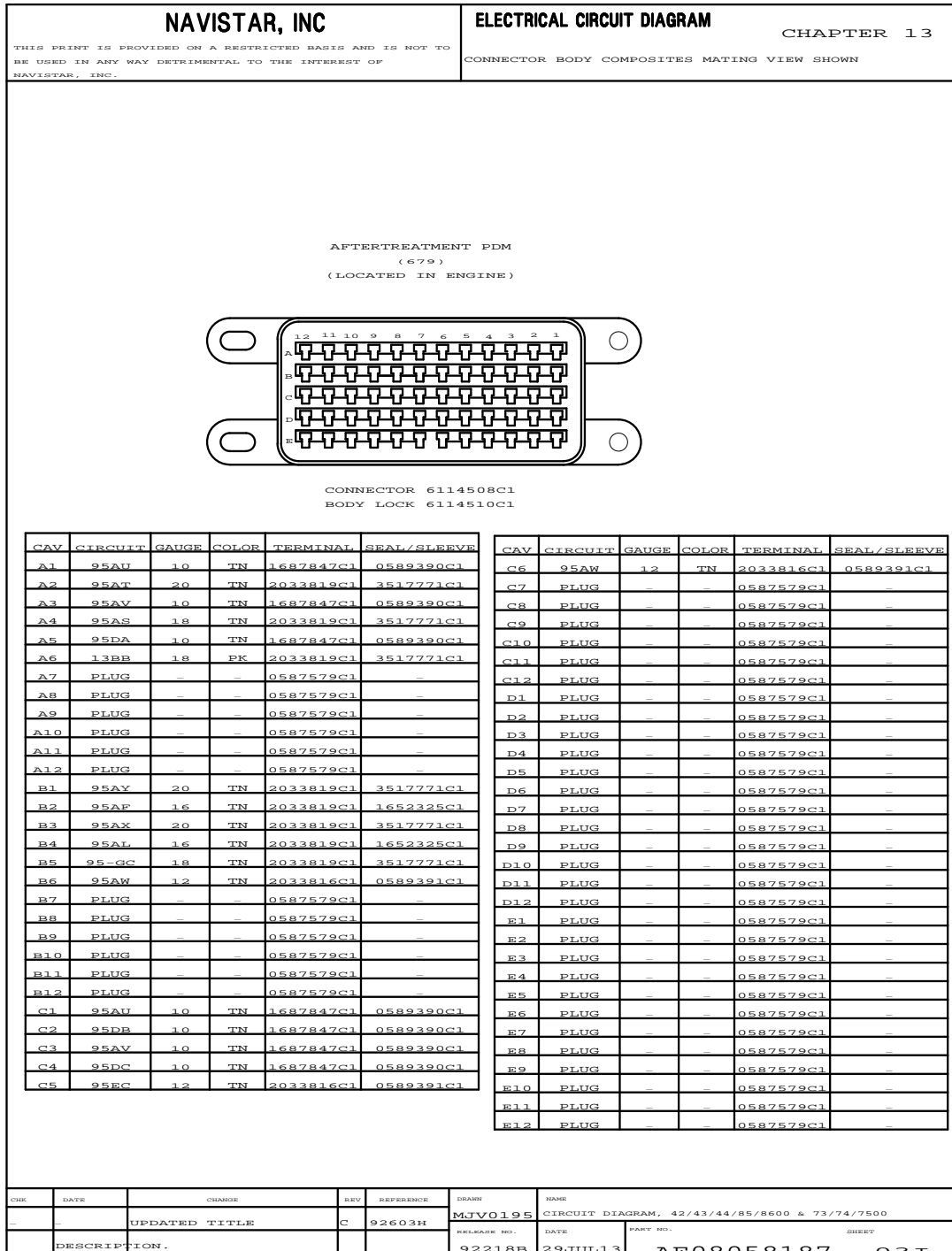


Figure 530 Connector Composites (679)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.14. CONNECTOR COMPOSITES (679), P. 3J

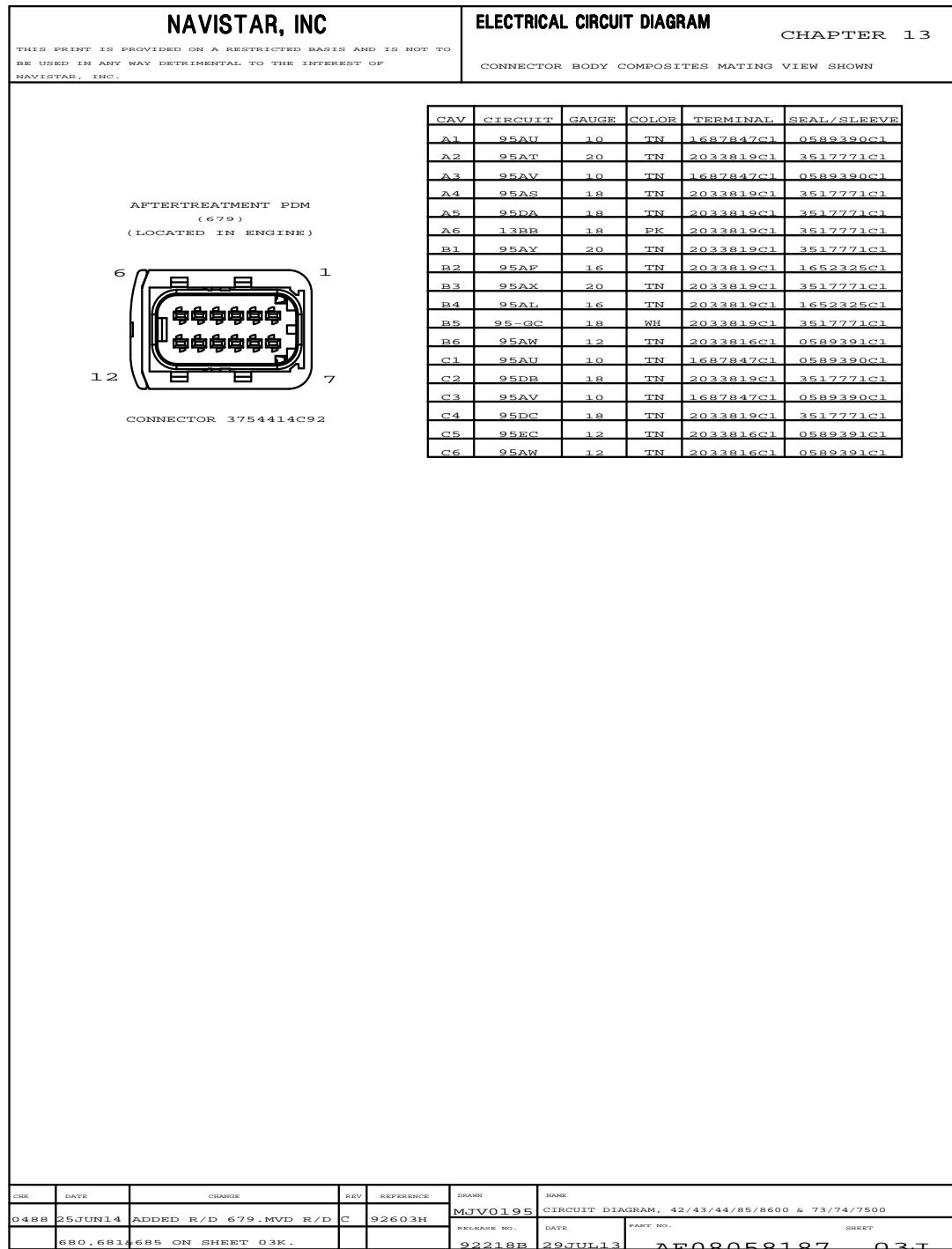


Figure 531 Connector Composites (679)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.15. CONNECTOR COMPOSITES (680), (681), (685), P. 3K

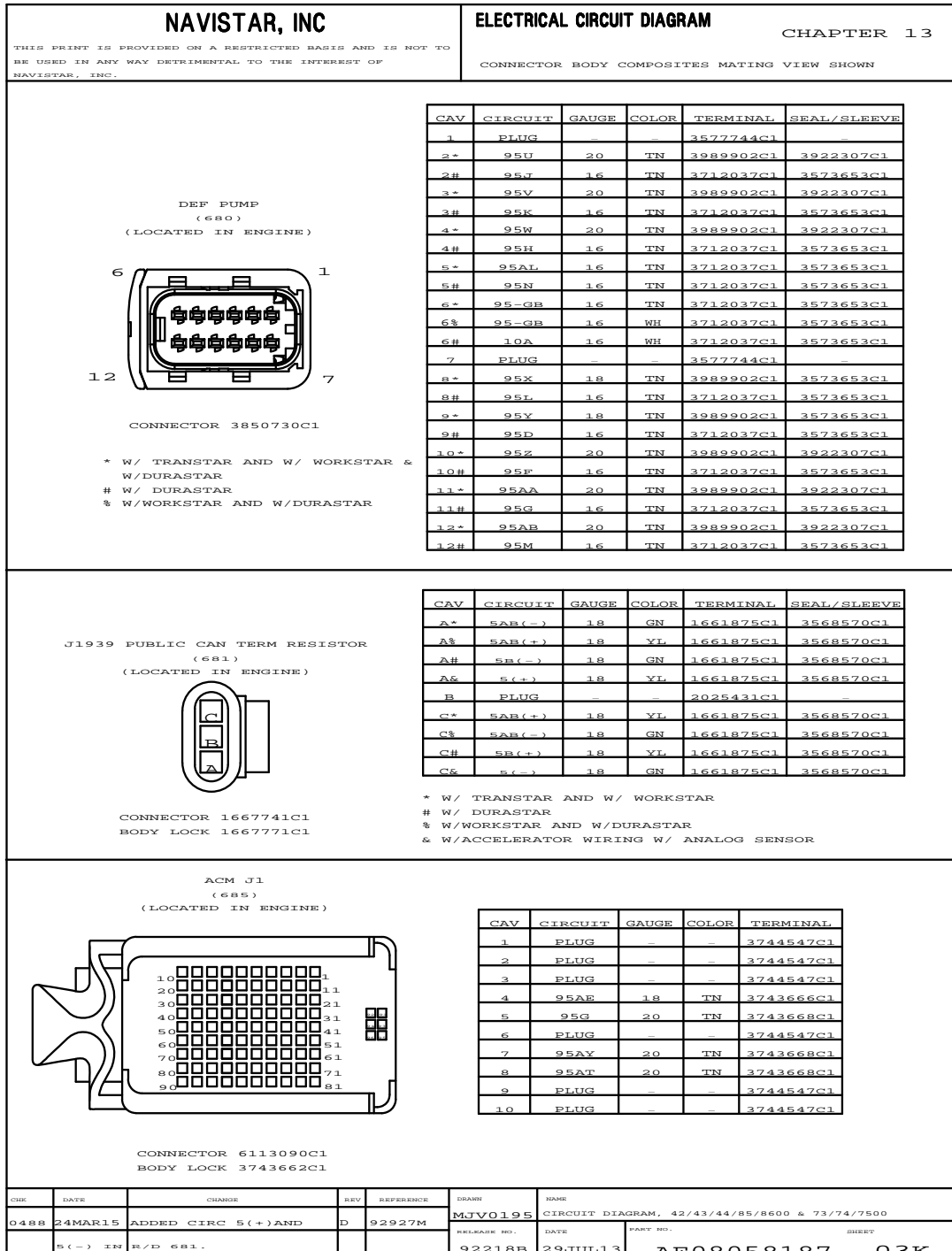


Figure 532 Connector Composites (680), (681), (685)

13.16. CONNECTOR COMPOSITES (685), P. 3L

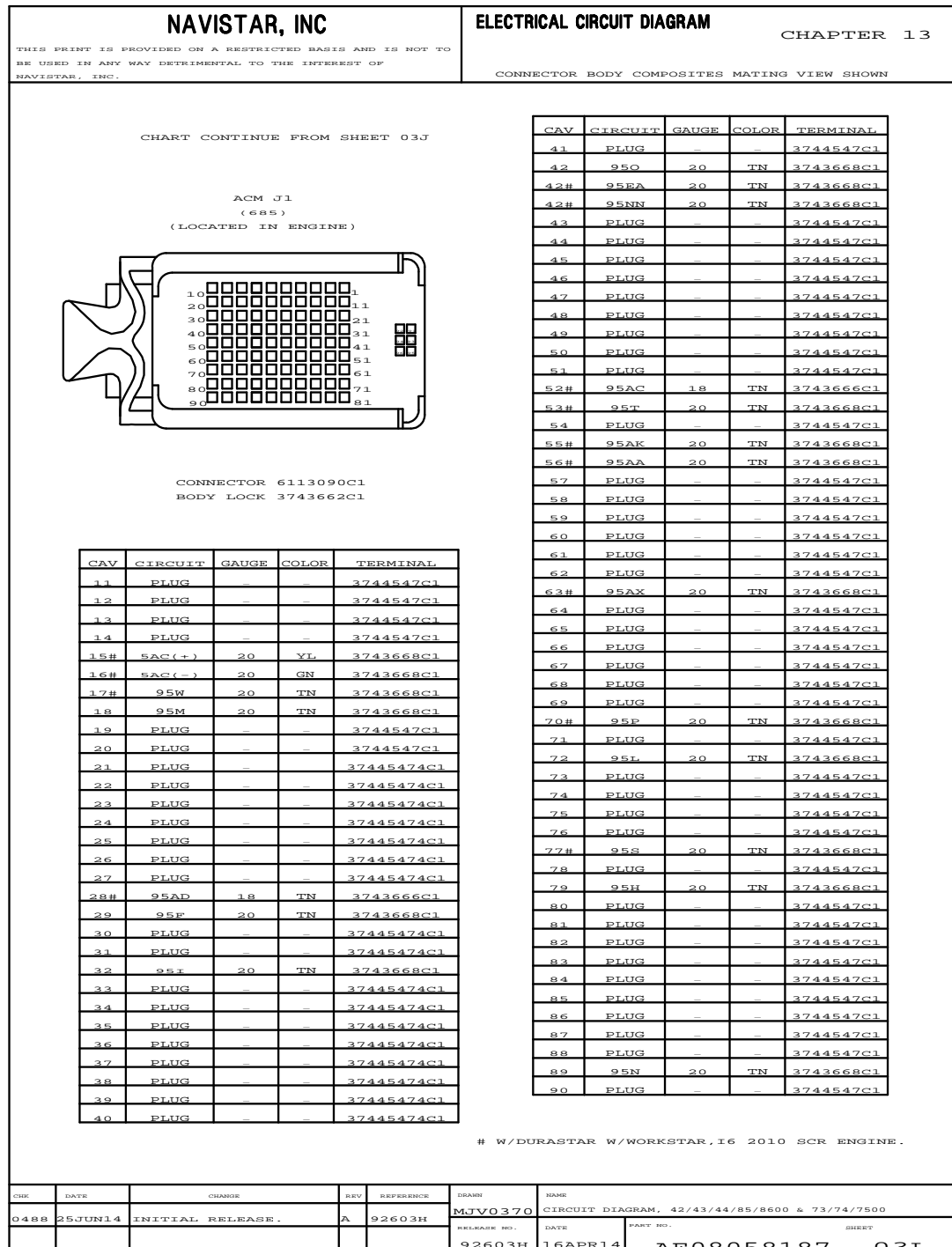


Figure 533 Connector Composites (685)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.17. CONNECTOR COMPOSITES (686), P. 3M

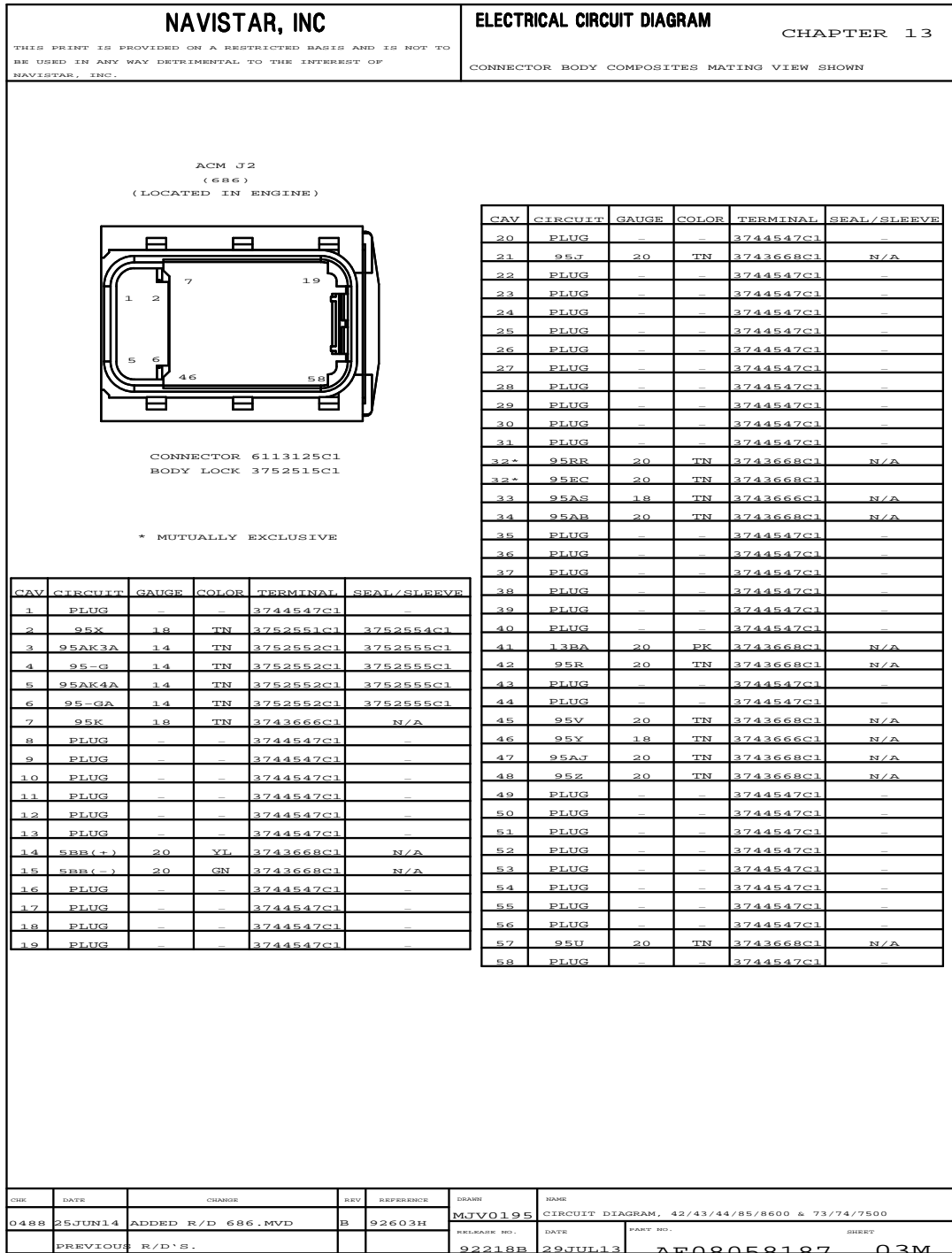


Figure 534 Connector Composites (686)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.18. CONNECTOR COMPOSITES (687), P. 3N

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

DEF TANK HARNESS INTERCONNECT 1
(687)
(LOCATED ON ENGINE)

CONNECTOR 3601923C1
BODY LOCK 3601925C1

CAV	CIRCUIT	GA	COLOR	TERMINAL
1	K95D	20	TN	3755839C1
2	K95E	20	TN	3755839C1
3	K95F	20	TN	3755839C1
4	K10-G3	16	BK	3572625C1
4	K10-G3	16	WH	3572625C1
5	K95G	20	TN	3755839C1
6	K95-GB	16	TN	3572625C1
7	K95H	18	TN	3572625C1
8	K6F	18	GY	3572625C1
8	K6E	18	PL	3572625C1
9	K95K	20	TN	3755839C1
10	K95A1	20	TN	3755839C1
11	K95M	16	TN	3572625C1
12	K95B	20	TN	3755839C1

DEF TANK HARNESS INTERCONNECT 1
(687)
(LOCATED ON ENGINE)

CONNECTOR 3755931C1
BODY LOCK 1689501C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	95D	16	TN	1651987C1
2	95E	18	TN	1651987C1
3	95F	16	TN	1651987C1
4	10-GC	16	WH	1651987C1
5	95G	16	TN	1651987C1
6	95-GBD	16	TN	1651987C1
7	95H	16	TN	1651987C1
8	95J	16	TN	1651987C1
9	95K	16	TN	1651987C1
10	95A	16	TN	1651987C1
11	95MA	16	TN	1651987C1
12	95B	16	TN	1651987C1

W/ DURASTAR

DEF HARNESS INTERCONNECT #1
(687)
(LOCATED IN ENGINE)

CONNECTOR 3755935C1
BODY LOCK 3755937C1

* MUTUALLY EXCLUSIVE

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1*	95Y	18	TN	1680205C1
1*	95Y	18	TN	1651969C1
2*	95X	18	TN	1680205C1
2*	95X	18	TN	1651969C1
3*	95Z	20	TN	3757932C1
3*	95Z	20	TN	1651969C1
4*	95AT	20	TN	3757932C1
4*	95AT	20	TN	1651969C1
5*	95AA	20	TN	3757932C1
5*	95AA	20	TN	1651969C1
6*	95AB	20	TN	3757932C1
6*	95AB	20	TN	1651969C1
7*	95W	20	TN	3757932C1
7*	95W	20	TN	1651969C1
8*	95U	20	TN	3757932C1
8*	95U	20	TN	1651969C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0488	24MAR15	REVISED AND REDRAWN.	C	92927M	MJV0370	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					92372W	13DEC13
						PART NO.
						AE08058187
						SHEET
						03N

Figure 535 Connector Composites (687)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.19. CONNECTOR COMPOSITES (687), (687A), (689), P. 3P

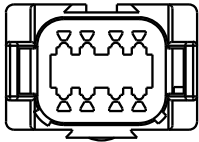
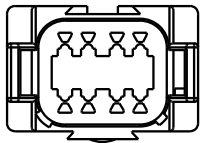
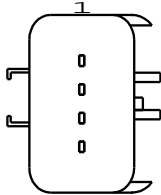
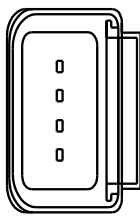
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																														
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																
<p>DEF HARNESS INTERCONNECT #1 (687) (LOCATED IN ENGINE)</p>  <p>CONNECTOR 3755934C1 BODY LOCK 3534767C1</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>95Y</td><td>18</td><td>TN</td><td>1680206C1</td></tr> <tr><td>2</td><td>95X</td><td>18</td><td>TN</td><td>1680206C1</td></tr> <tr><td>3</td><td>95Z</td><td>20</td><td>TN</td><td>3754236C1</td></tr> <tr><td>4</td><td>95AT</td><td>20</td><td>TN</td><td>3754236C1</td></tr> <tr><td>5</td><td>95AA</td><td>20</td><td>TN</td><td>3754236C1</td></tr> <tr><td>6</td><td>95AB</td><td>20</td><td>TN</td><td>3754236C1</td></tr> <tr><td>7</td><td>95W</td><td>20</td><td>TN</td><td>3754236C1</td></tr> <tr><td>8</td><td>95U</td><td>20</td><td>TN</td><td>3754236C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	95Y	18	TN	1680206C1	2	95X	18	TN	1680206C1	3	95Z	20	TN	3754236C1	4	95AT	20	TN	3754236C1	5	95AA	20	TN	3754236C1	6	95AB	20	TN	3754236C1	7	95W	20	TN	3754236C1	8	95U	20	TN	3754236C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																
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7	95W	20	TN	3754236C1																																																
8	95U	20	TN	3754236C1																																																
<p>DEF TANK HARNESS INTERCONNECT 1 (687A) (LOCATED IN ENGINE)</p>  <p>CONNECTOR 3755934C1 BODY LOCK 3534767C1</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>95C</td><td>16</td><td>TN</td><td>3572626C1</td></tr> <tr><td>2</td><td>14F</td><td>16</td><td>BD</td><td>3572626C1</td></tr> <tr><td>3</td><td>13D</td><td>16</td><td>EK</td><td>3572626C1</td></tr> <tr><td>4</td><td>13C</td><td>16</td><td>EK</td><td>3572626C1</td></tr> <tr><td>5</td><td>95-GAD</td><td>16</td><td>TN</td><td>3572626C1</td></tr> <tr><td>6</td><td>5C(-)</td><td>18</td><td>GN</td><td>3572626C1</td></tr> <tr><td>7</td><td>5C(+)</td><td>18</td><td>YL</td><td>3572626C1</td></tr> <tr><td>8</td><td>14A</td><td>14</td><td>BD</td><td>3572626C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">W/ DURASTAR</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	95C	16	TN	3572626C1	2	14F	16	BD	3572626C1	3	13D	16	EK	3572626C1	4	13C	16	EK	3572626C1	5	95-GAD	16	TN	3572626C1	6	5C(-)	18	GN	3572626C1	7	5C(+)	18	YL	3572626C1	8	14A	14	BD	3572626C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																
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8	14A	14	BD	3572626C1																																																
<p>AFTERTREATMENT POWER & GROUND (689) (LOCATED IN ENGINE)</p>  <p style="text-align: center; font-size: x-small;">4</p> <p>CONNECTOR 3754685C1</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>95A1</td><td>10</td><td>TN</td><td>3612308C1</td></tr> <tr><td>2</td><td>95ED</td><td>12</td><td>TN</td><td>3612308C1</td></tr> <tr><td>3</td><td>95-GG</td><td>12</td><td>WH</td><td>3612308C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	95A1	10	TN	3612308C1	2	95ED	12	TN	3612308C1	3	95-GG	12	WH	3612308C1																									
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3	95-GG	12	WH	3612308C1																																																
<p>AFTERTREATMENT POWER & GROUND (689) (LOCATED IN ENGINE)</p>  <p style="text-align: center; font-size: x-small;">1</p> <p>CONNECTOR 3754686C1</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>95A1</td><td>10</td><td>TN</td><td>3612307C1</td></tr> <tr><td>2</td><td>95ED</td><td>12</td><td>TN</td><td>3612307C1</td></tr> <tr><td>3</td><td>95-GT</td><td>12</td><td>WH</td><td>3612307C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	95A1	10	TN	3612307C1	2	95ED	12	TN	3612307C1	3	95-GT	12	WH	3612307C1																									
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																														
MJVO	08MAR16	REVISED AND REDRAWN.	B	93408J	MJVO370	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																														
RELEASE NO.				DATE	PART NO.		SHEET																																													
92372W				13DEC13	AE08058187		03P																																													

Figure 536 Connector Composites (687), (687A), (689)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.20. CONNECTOR COMPOSITES (690), P. 3Q

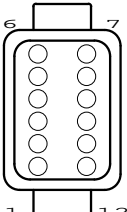
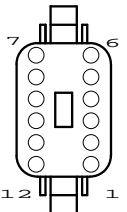
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13																																																																																														
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<div style="display: flex; justify-content: space-between;"><div style="width: 45%; text-align: center;"><p>DEF HARNESS INTERCONNECT #2 (690) (LOCATED IN ENGINE)</p><p>CONNECTOR 3755931C1 BODY LOCK 1689501C1</p></div><div style="width: 50%;"><table border="1" style="width: 100%; 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>95V</td><td>20</td><td>TN</td><td>3754236C1</td></tr><tr><td>2</td><td>95AC</td><td>18</td><td>TN</td><td>1680206C1</td></tr><tr><td>3</td><td>95AS</td><td>18</td><td>TN</td><td>1680206C1</td></tr><tr><td>4</td><td>95AY</td><td>20</td><td>TN</td><td>3754236C1</td></tr><tr><td>5</td><td>95AD</td><td>18</td><td>TN</td><td>1680206C1</td></tr><tr><td>6</td><td>95AE</td><td>18</td><td>TN</td><td>1680206C1</td></tr><tr><td>7</td><td>95AX</td><td>20</td><td>TN</td><td>3754236C1</td></tr><tr><td>8</td><td>13BB</td><td>18</td><td>PK</td><td>1680206C1</td></tr><tr><td>9</td><td>5BA(-)</td><td>18</td><td>GN</td><td>1651968C1</td></tr><tr><td>10</td><td>5BA(+)</td><td>18</td><td>YL</td><td>1651968C1</td></tr><tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr></tbody></table></div></div>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	95V	20	TN	3754236C1	2	95AC	18	TN	1680206C1	3	95AS	18	TN	1680206C1	4	95AY	20	TN	3754236C1	5	95AD	18	TN	1680206C1	6	95AE	18	TN	1680206C1	7	95AX	20	TN	3754236C1	8	13BB	18	PK	1680206C1	9	5BA(-)	18	GN	1651968C1	10	5BA(+)	18	YL	1651968C1	11	PLUG	-	-	0453133C1	12	PLUG	-	-	0453133C1																									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																				
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7	95AX	20	TN	3754236C1																																																																																																				
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<div style="display: flex; justify-content: space-between;"><div style="width: 45%; text-align: center;"><p>DEF HARNESS INTERCONNECT #2 (690) (LOCATED IN ENGINE)</p><p>CONNECTOR 3601923C1 BODY LOCK 3601925C1</p></div><div style="width: 50%;"><table border="1" style="width: 100%; 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>95V</td><td>20</td><td>TN</td><td>3757932C1</td></tr><tr><td>1*</td><td>95V</td><td>20</td><td>TN</td><td>1651969C1</td></tr><tr><td>2</td><td>95AC</td><td>18</td><td>TN</td><td>1680205C1</td></tr><tr><td>3</td><td>95AS</td><td>18</td><td>TN</td><td>1680205C1</td></tr><tr><td>4*</td><td>95AY</td><td>20</td><td>TN</td><td>3757932C1</td></tr><tr><td>4*</td><td>95AY</td><td>20</td><td>TN</td><td>1651969C1</td></tr><tr><td>5</td><td>95AD</td><td>18</td><td>TN</td><td>1680205C1</td></tr><tr><td>6</td><td>95AE</td><td>18</td><td>TN</td><td>1680205C1</td></tr><tr><td>7*</td><td>95AX</td><td>20</td><td>TN</td><td>3757932C1</td></tr><tr><td>7*</td><td>95AX</td><td>20</td><td>TN</td><td>1651969C1</td></tr><tr><td>8</td><td>13BB</td><td>18</td><td>PK</td><td>1680205C1</td></tr><tr><td>9*</td><td>5BA(-)</td><td>18</td><td>GN</td><td>1651969C1</td></tr><tr><td>9*</td><td>5BA(-)</td><td>18</td><td>GN</td><td>3572625C1</td></tr><tr><td>10*</td><td>5BA(+)</td><td>18</td><td>YL</td><td>1651969C1</td></tr><tr><td>10*</td><td>5BA(+)</td><td>18</td><td>YL</td><td>3572625C1</td></tr><tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr></tbody></table></div></div> <p style="text-align: center; font-size: x-small;">* MUTUALLY EXCLUSIVE</p>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1*	95V	20	TN	3757932C1	1*	95V	20	TN	1651969C1	2	95AC	18	TN	1680205C1	3	95AS	18	TN	1680205C1	4*	95AY	20	TN	3757932C1	4*	95AY	20	TN	1651969C1	5	95AD	18	TN	1680205C1	6	95AE	18	TN	1680205C1	7*	95AX	20	TN	3757932C1	7*	95AX	20	TN	1651969C1	8	13BB	18	PK	1680205C1	9*	5BA(-)	18	GN	1651969C1	9*	5BA(-)	18	GN	3572625C1	10*	5BA(+)	18	YL	1651969C1	10*	5BA(+)	18	YL	3572625C1	11	PLUG	-	-	0453133C1	12	PLUG	-	-	0453133C1
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12	PLUG	-	-	0453133C1																																																																																																				
<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>CHK</th><th>DATE</th><th>CHANGE</th><th>REV</th><th>REFERENCE</th><th>DRAWN</th><th>NAME</th></tr></thead><tbody><tr><td>0488</td><td>25JUN14</td><td>INITIAL RELEASE.</td><td>A</td><td>92603H</td><td>MJV0370</td><td>CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>RELEASE NO.</td><td>DATE</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>92372W</td><td>13DEC13</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>03Q</td></tr></tbody></table>															CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	0488	25JUN14	INITIAL RELEASE.	A	92603H	MJV0370	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500						RELEASE NO.	DATE						92372W	13DEC13							PART NO.							AE08058187							SHEET							03Q																																		
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Figure 537 Connector Composites (690)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.21. CONNECTOR COMPOSITES (690), (691), (828), P. 3R

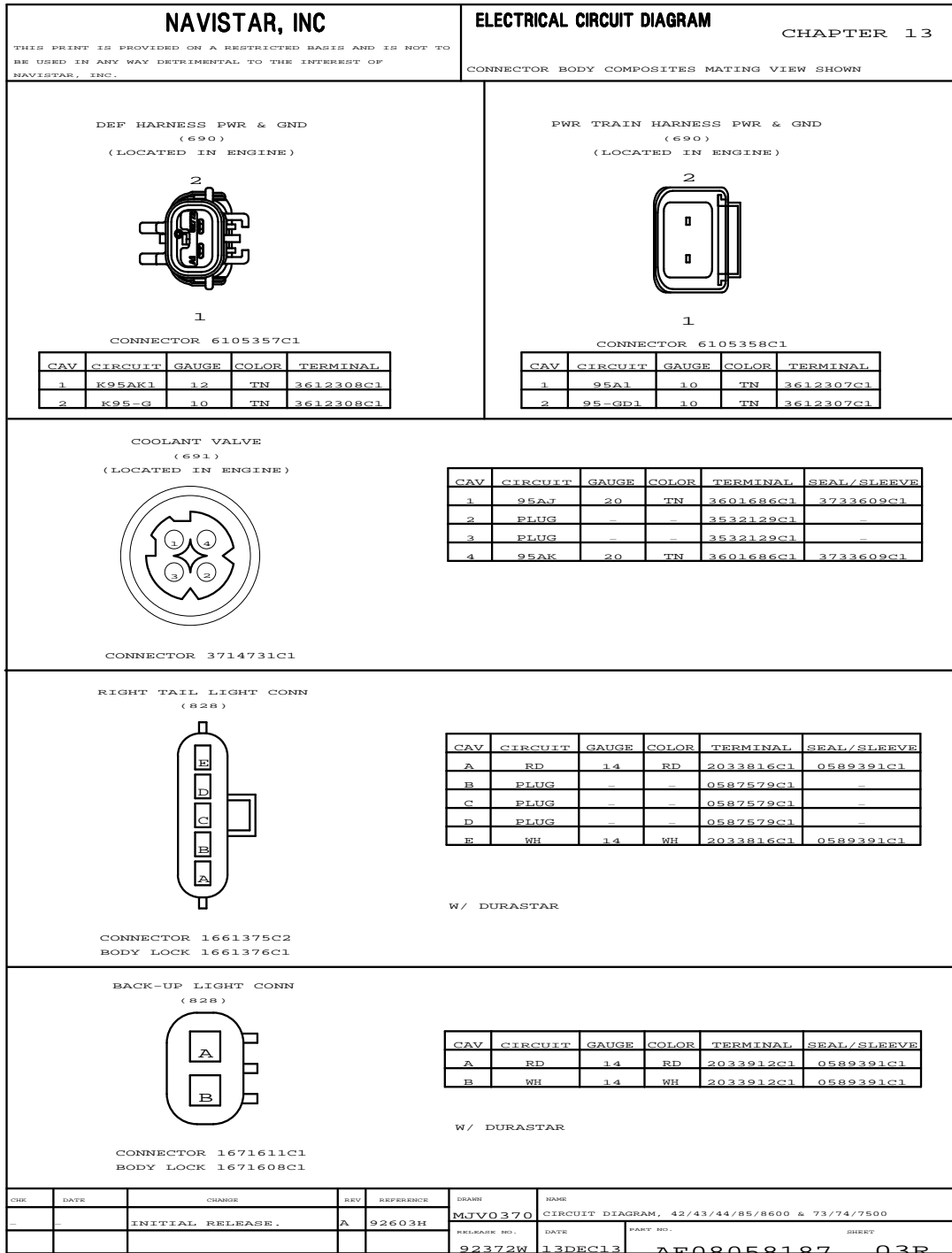


Figure 538 Connector Composites (690), (691), (828)

13.22. CONNECTOR COMPOSITES (827), (830M), P. 4

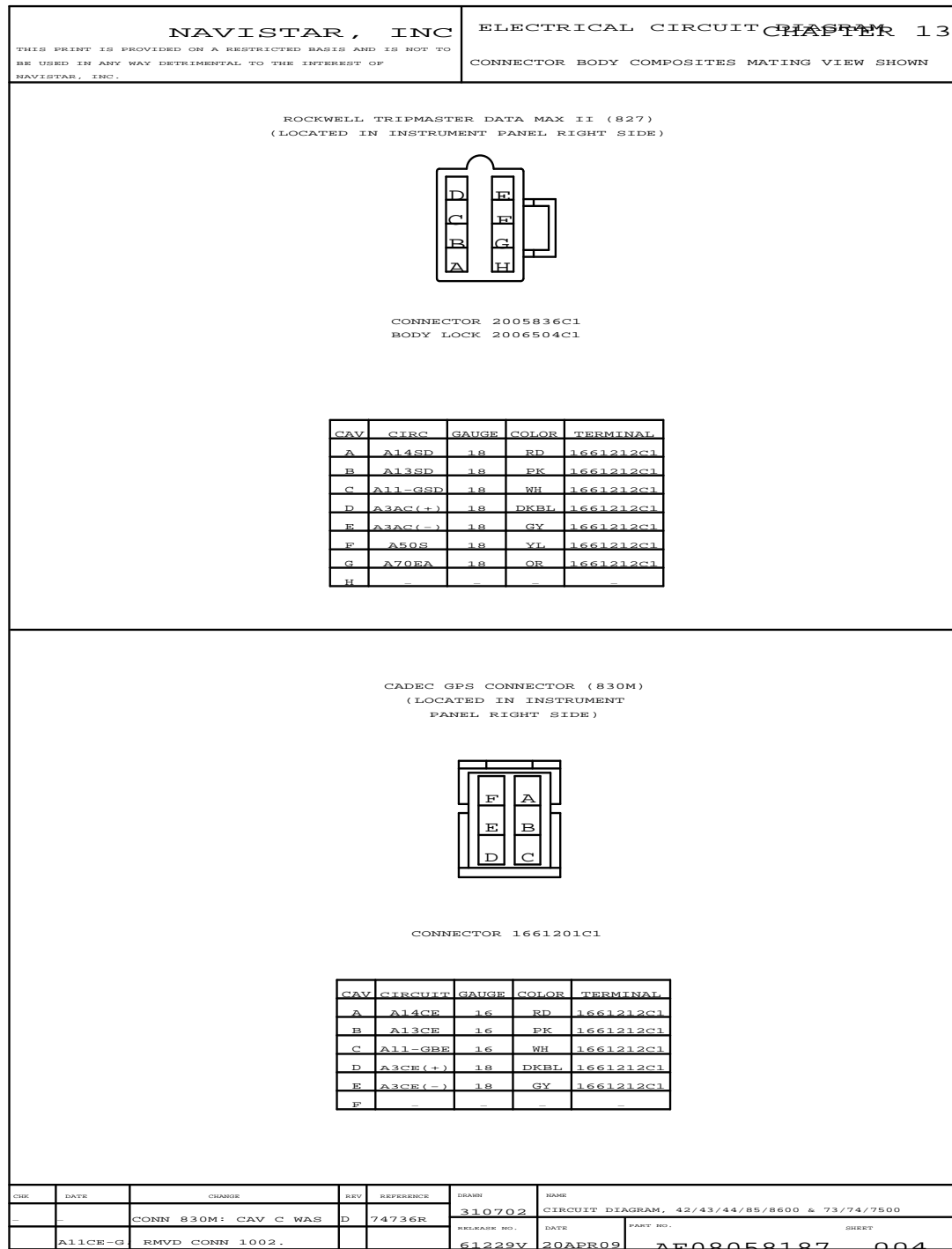


Figure 539 Connector Composites (827), (830M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.23. INTENTIONALLY LEFT BLANK, P. 5

NAVISTAR, INC <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR BODY COMPOSITES MATING VIEW SHOWN			
<h1>INTENTIONALLY LEFT BLANK</h1>							
<small>CHK</small>	<small>DATE</small>	<small>CHANGE</small>	<small>REV</small>	<small>REFERENCE</small>	<small>DRAWN</small>	<small>NAME</small>	
CNA1	13JUN11	REMOVED CONN 1003 &	E	74736R	310702	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
	1006.				<small>RELEASE NO.</small> 61229V	<small>DATE</small> 20APR09	<small>PART NO.</small> AE08058187
						<small>SHEET</small>	005

Figure 540 Intentionally Left Blank

13.24. CONNECTOR COMPOSITES (1004), (1007M), (1008FA), (1009F), P. 6

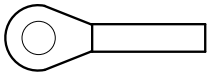


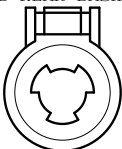
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																					
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																							
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">NEG STUD (1004) (LOCATED NEAR INSTRUMENT PANEL)</p>  <p style="text-align: center;">TERMINAL 3549254C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A40-G</td> <td>18</td> <td>GY</td> <td>3549254C1</td> <td>2644005R1</td> </tr> </tbody> </table> </div> </div>								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																						
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">LATCHING RELAY (1007M) (LOCATED AT BELOW DASH BOARD ON ENGINE COVER)</p>  <p style="text-align: center;">CONNECTOR 1661889C1 BODY LOCK 1661890C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; 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>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> </div> </div>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A14LB	18	RD	1661261C1	B	A14-GAC	18	WH	1661261C1	C	A14LA	18	RD	1661261C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																							
A	A14LB	18	RD	1661261C1																							
B	A14-GAC	18	WH	1661261C1																							
C	A14LA	18	RD	1661261C1																							
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">LOAD SHEDDING B2 STUD (1008FA) (LOCATED NEAR DASH PANEL)</p>  <p style="text-align: center;">CONNECTOR 2007311C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; 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>A14X</td> <td>6</td> <td>RD</td> <td>1621478C1</td> </tr> </tbody> </table> </div> </div>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A14X	6	RD	1621478C1										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																							
A	A14X	6	RD	1621478C1																							
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">LOAD SHEDDING B1 STUD (1009F) (LOCATED NEAR DASH PANEL)</p>  <p style="text-align: center;">CONNECTOR 2007312C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; 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>A14Y</td> <td>6</td> <td>RD</td> <td>1621479C1</td> </tr> </tbody> </table> </div> </div>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A14Y	6	RD	1621479C1										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																							
A	A14Y	6	RD	1621479C1																							
CNC	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 541 Connector Composites (1004), (1007M), (1008FA), (1009F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.25. CONNECTOR COMPOSITES (1010), P. 7

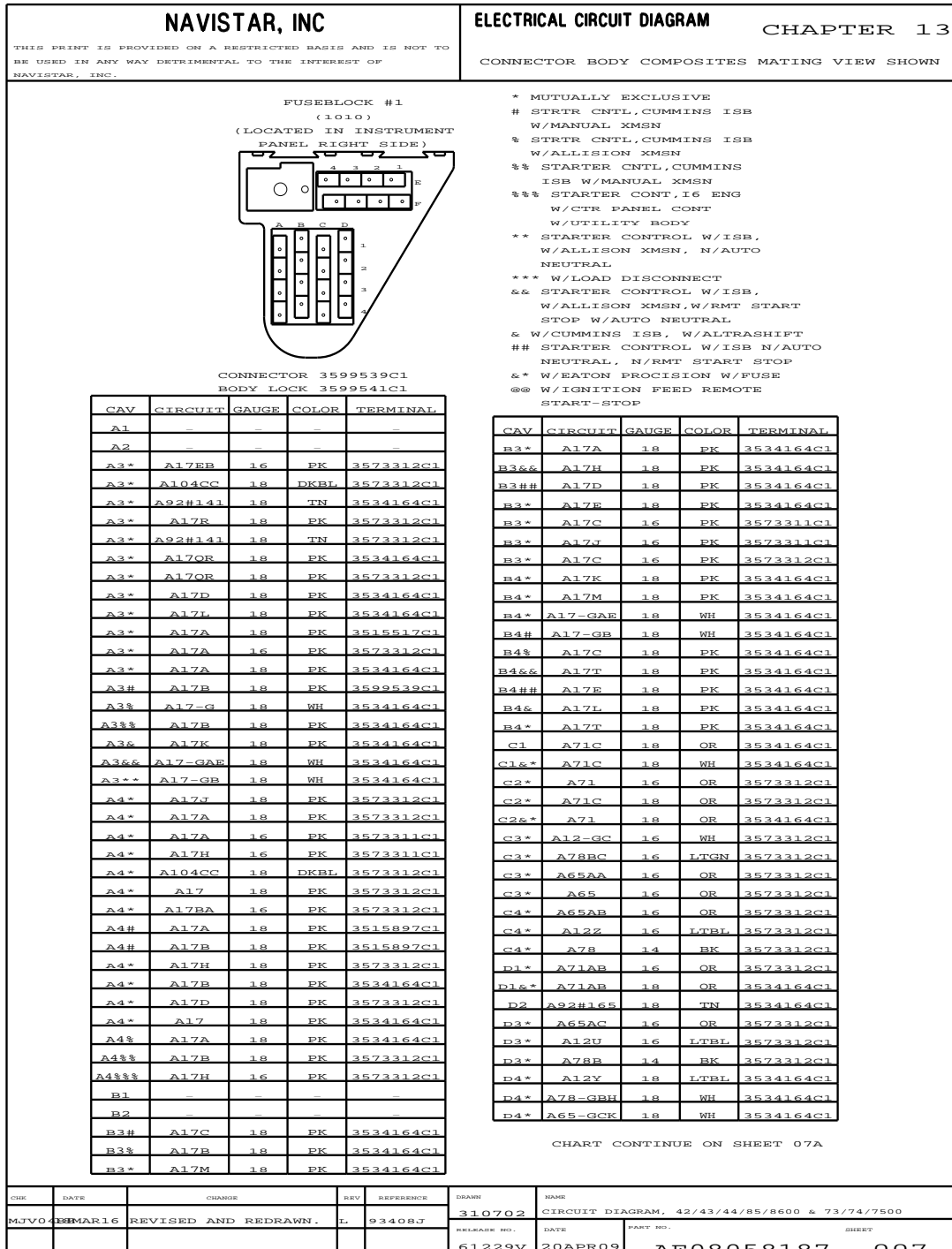
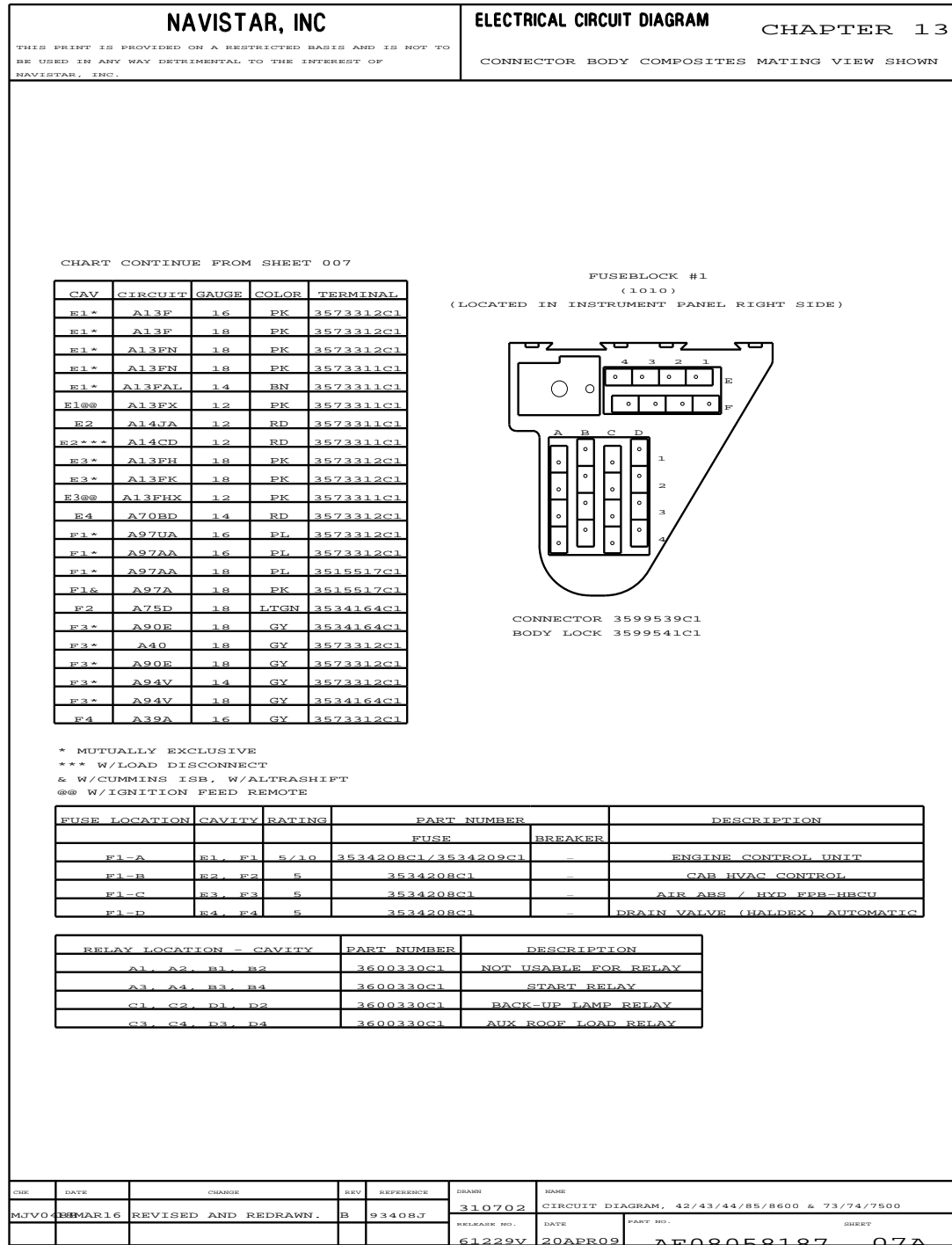


Figure 542 Connector Composites (1010)

13.26. CONNECTOR COMPOSITES (1010), P. 7A



CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJV04	08MAR16	REVISED AND REDRAWN.	B	93408J	310702	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					61229V	20APR09
						PART NO.
						AE08058187
						SHEET
						07A

Figure 543 Connector Composites (1010)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.27. CONNECTOR COMPOSITES (1011), P. 8

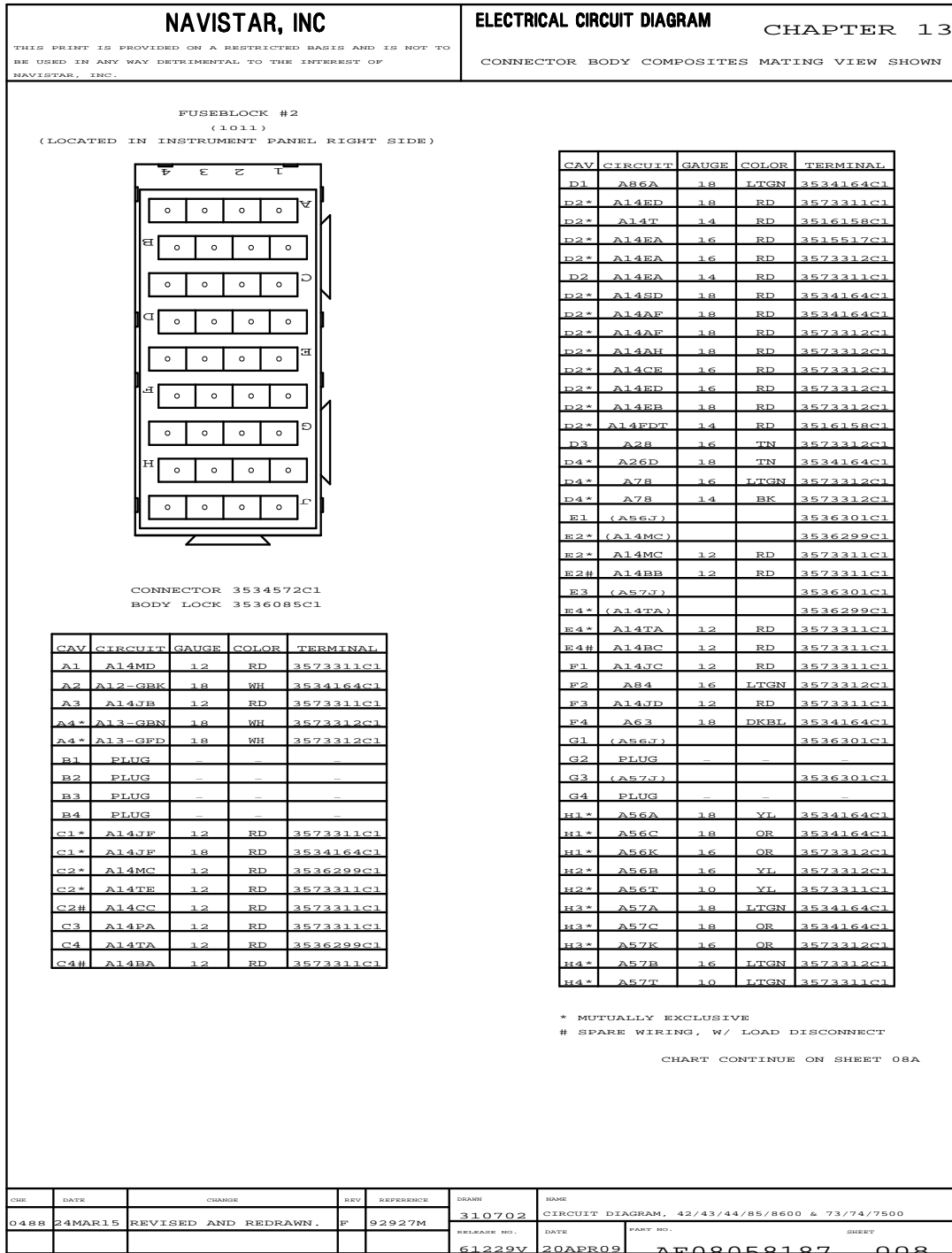


Figure 544 Connector Composites (1011)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.28. CONNECTOR COMPOSITES (1012), P. 9

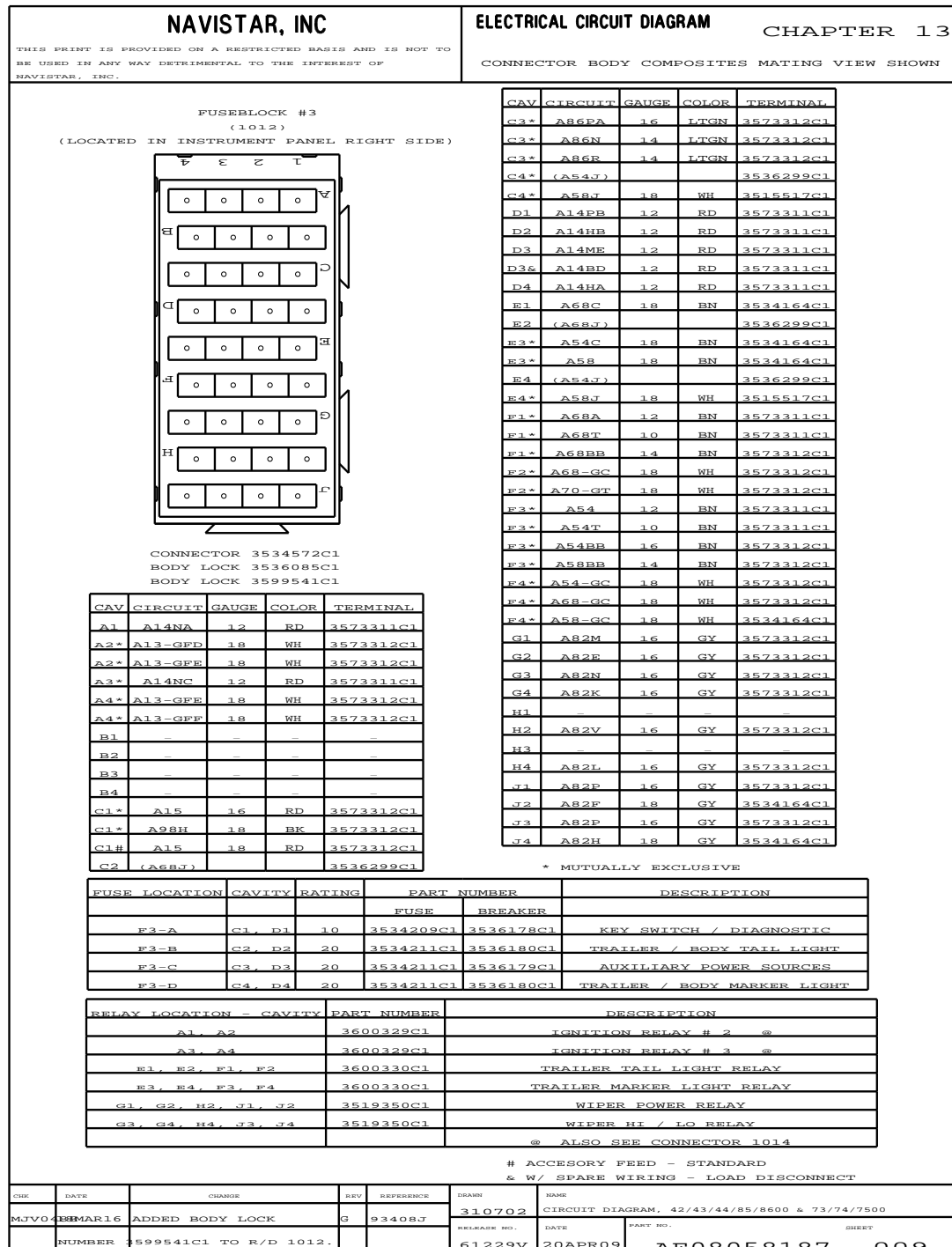


Figure 545 Connector Composites (1012)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.29. CONNECTOR COMPOSITES (1013), P. 10

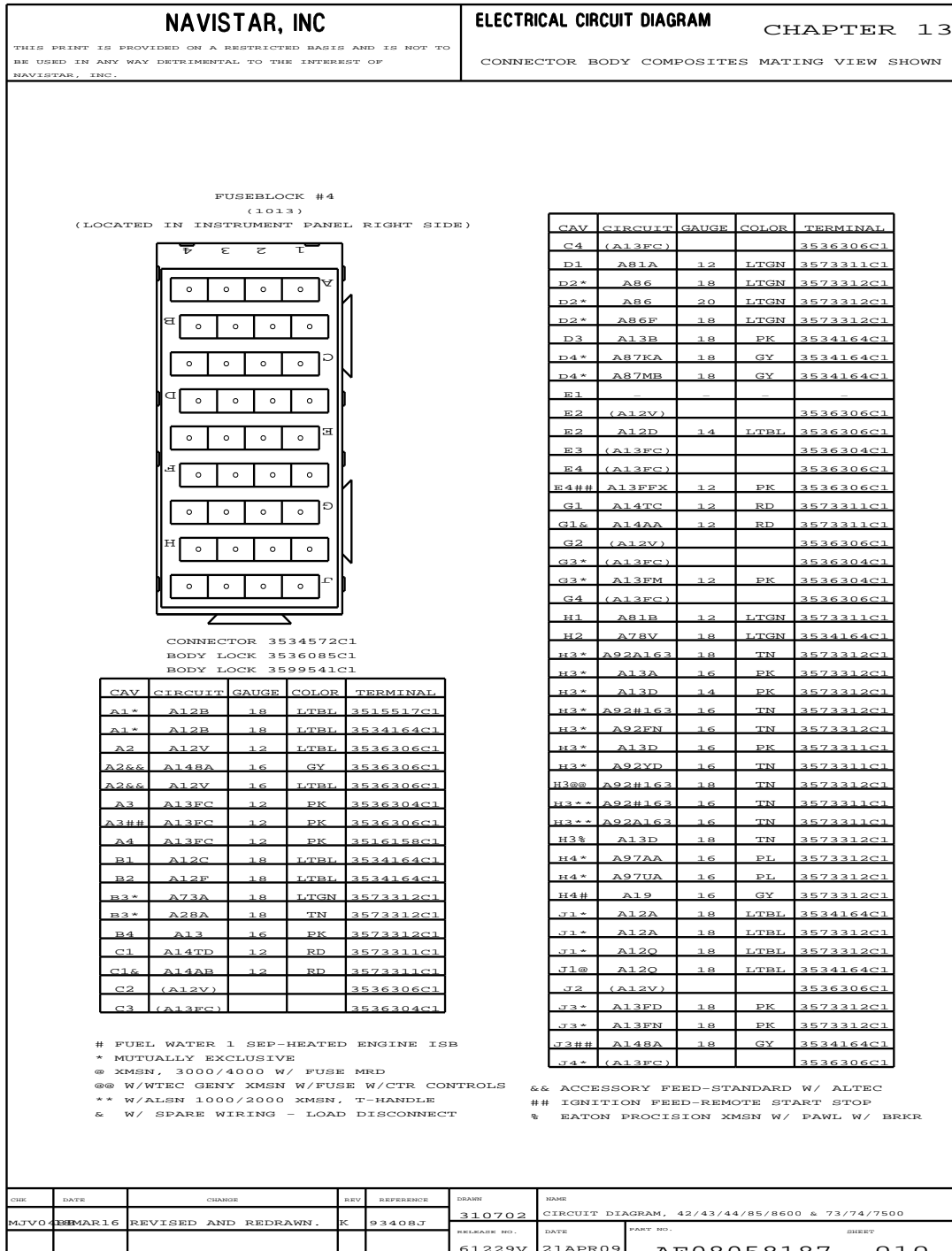


Figure 546 Connector Composites (1013)

13.30. CONNECTOR COMPOSITES (1013), P. 10A

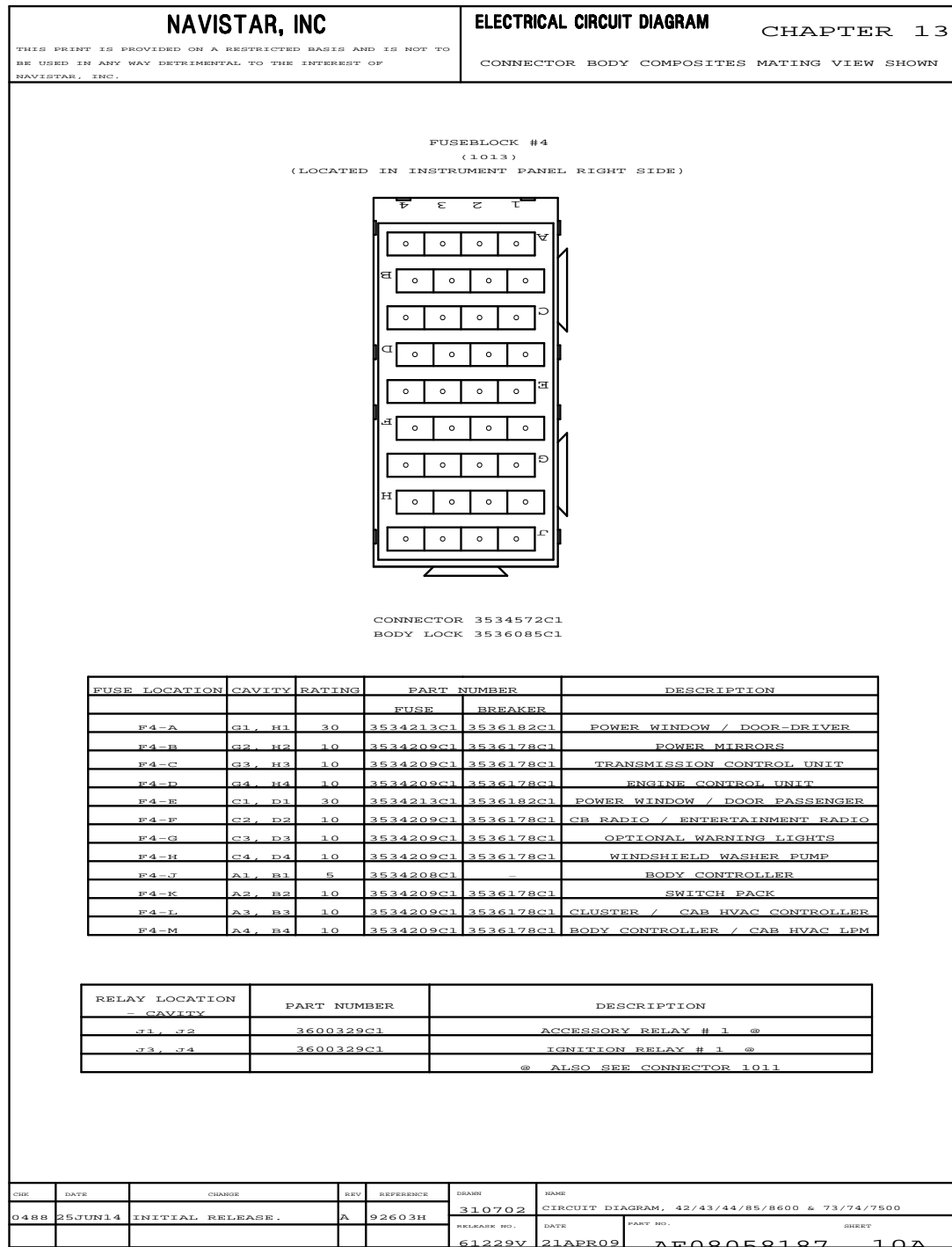


Figure 547 Connector Composites (1013)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.31. CONNECTOR COMPOSITES (1014), P. 11

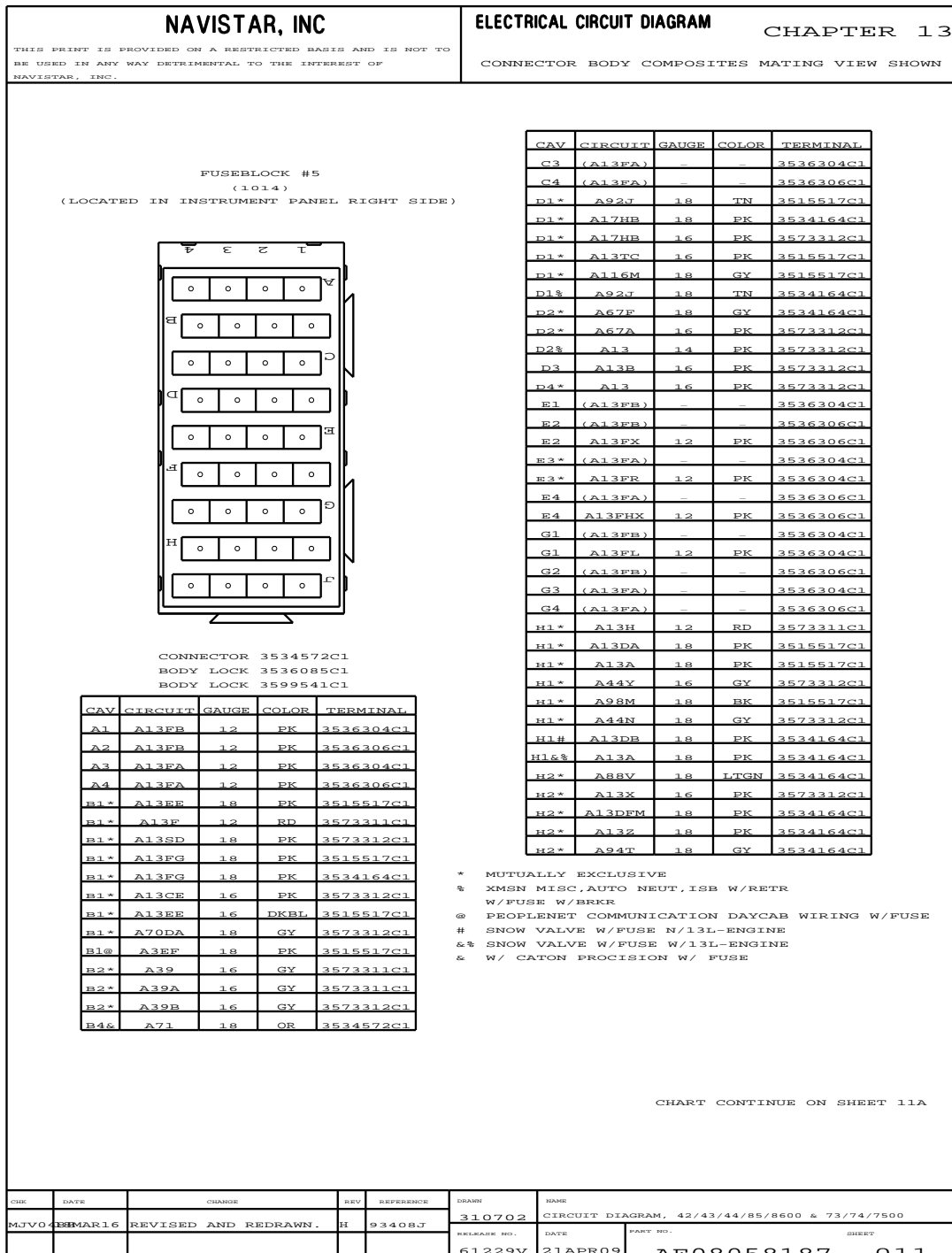


Figure 548 Connector Composites (1014)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.33. CONNECTOR COMPOSITES (1015), P. 12

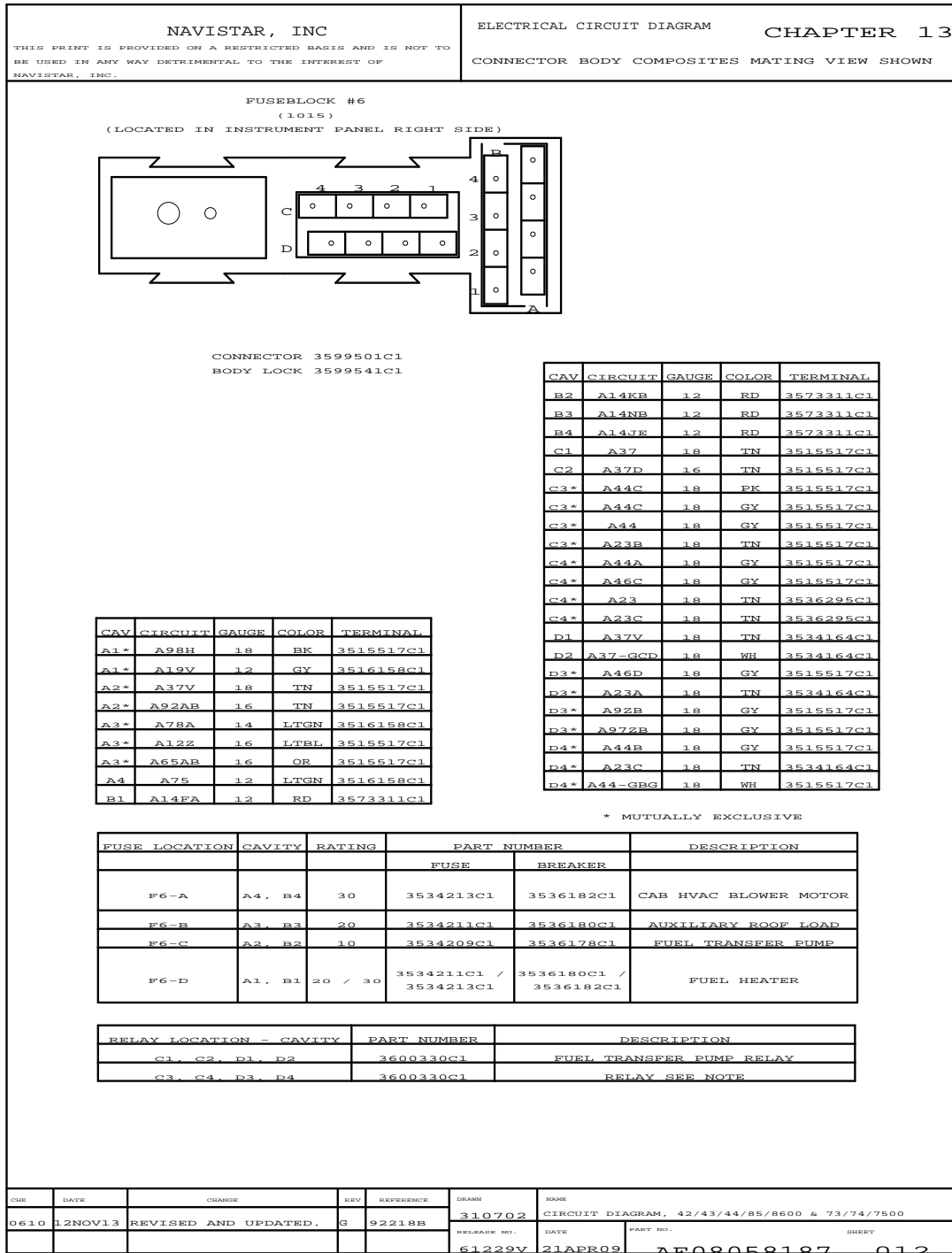


Figure 550 Connector Composites (1015)

13.34. CONNECTOR COMPOSITES (1016), P. 13

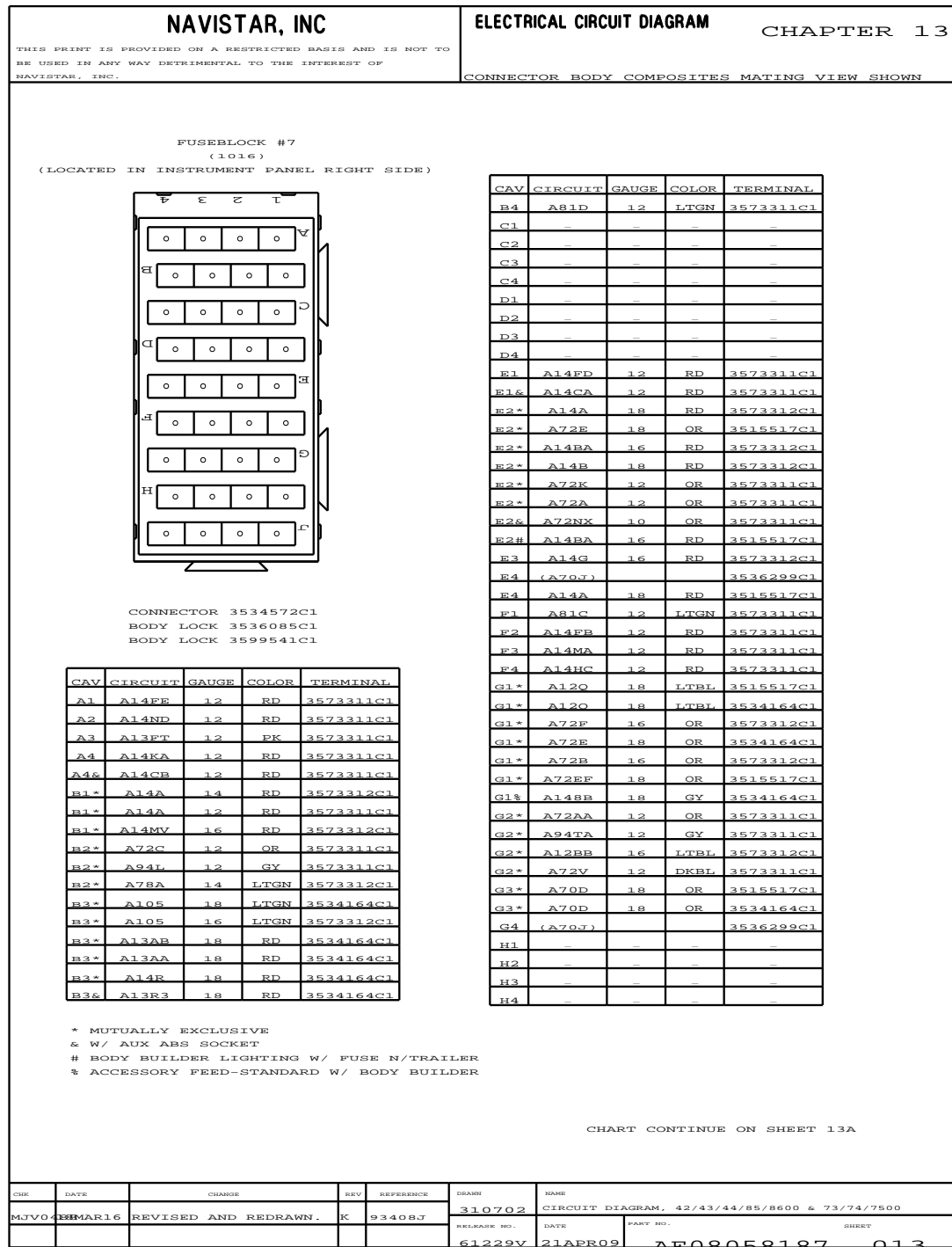


Figure 551 Connector Composites (1016)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.35. CONNECTOR COMPOSITES (1016), P. 13A

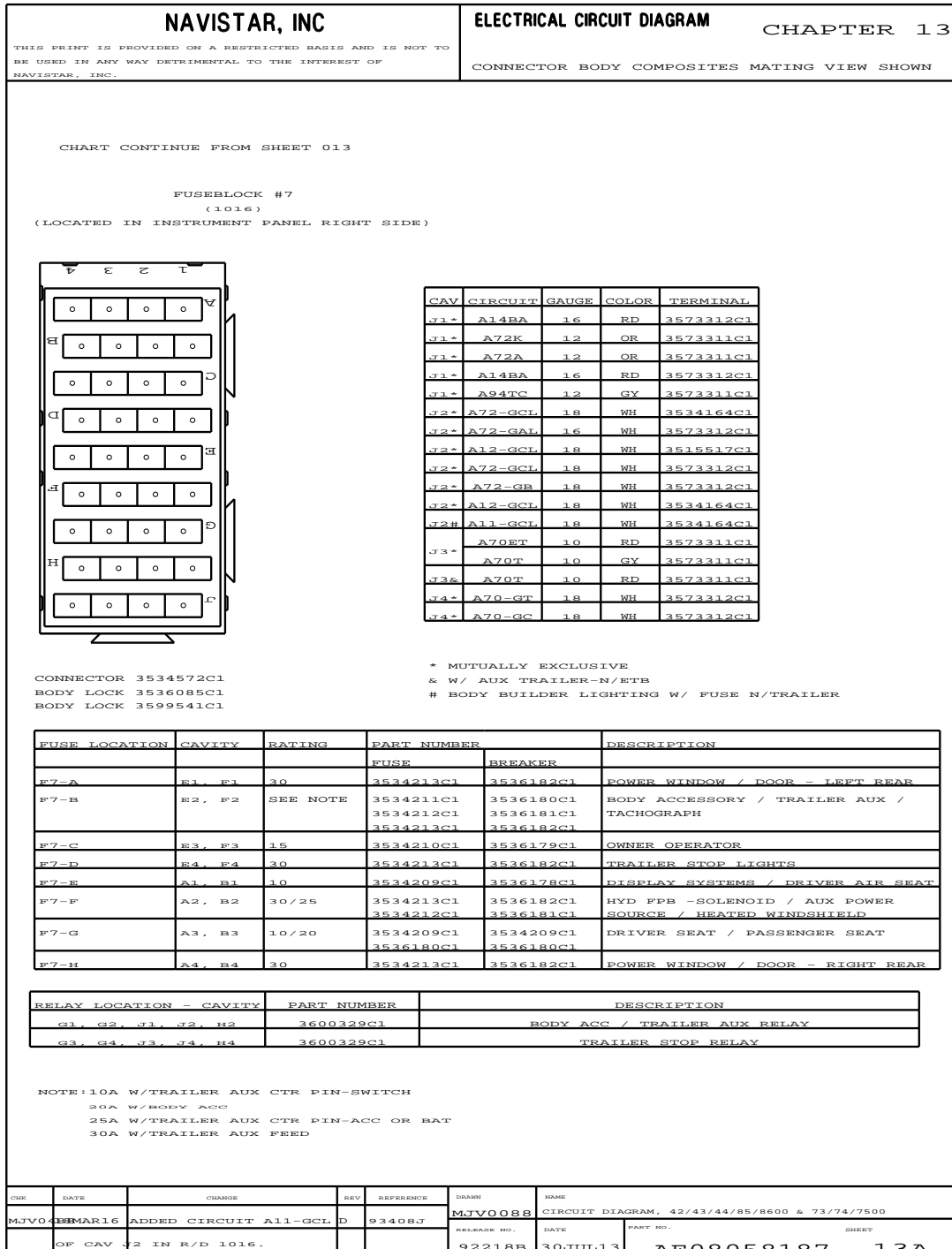


Figure 552 Connector Composites (1016)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.36. CONNECTOR COMPOSITES (1017), P. 14

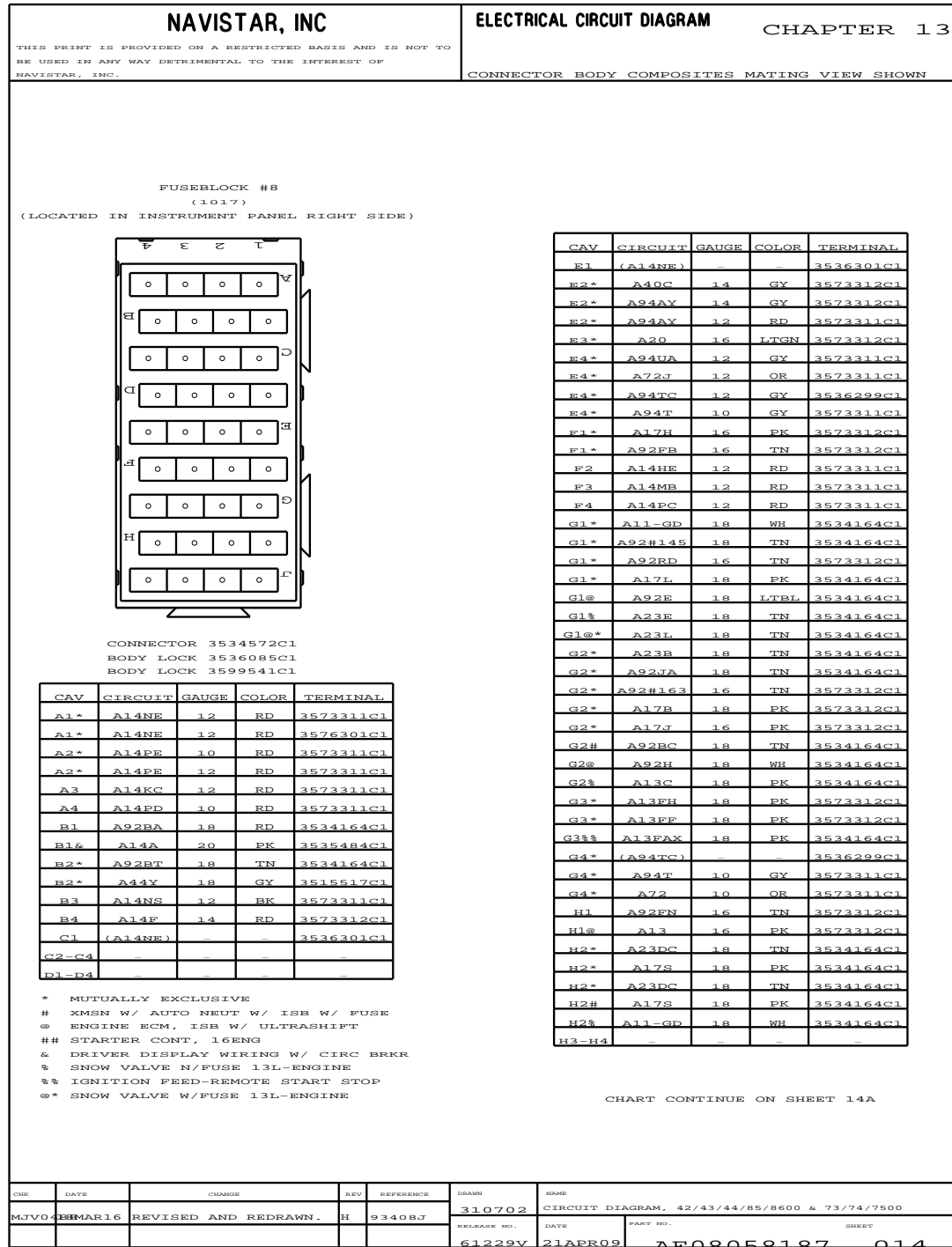


Figure 553 Connector Composites (1017)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.37. CONNECTOR COMPOSITES (1017), P. 14A

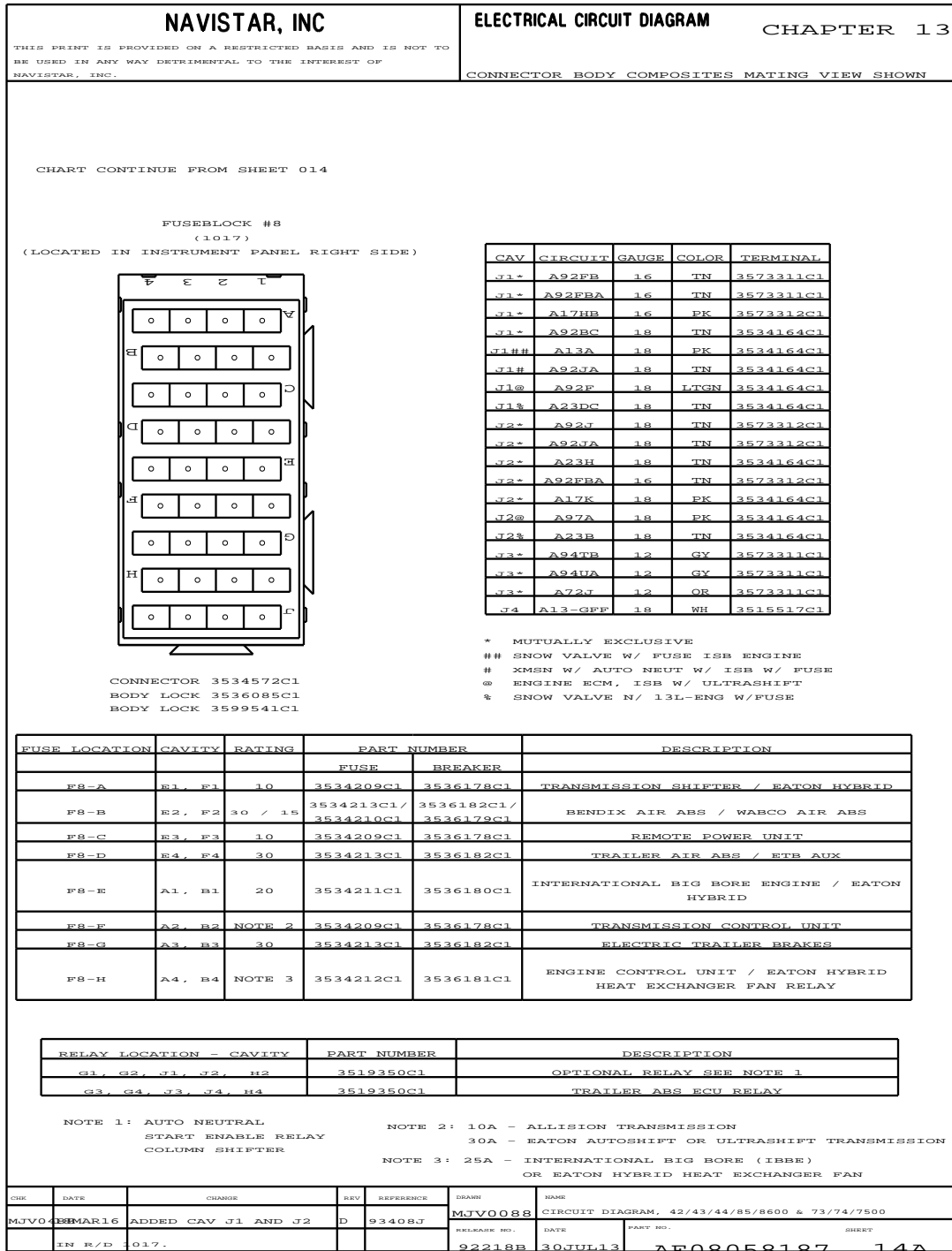


Figure 554 Connector Composites (1017)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.38. CONNECTOR COMPOSITES (1018), P. 15

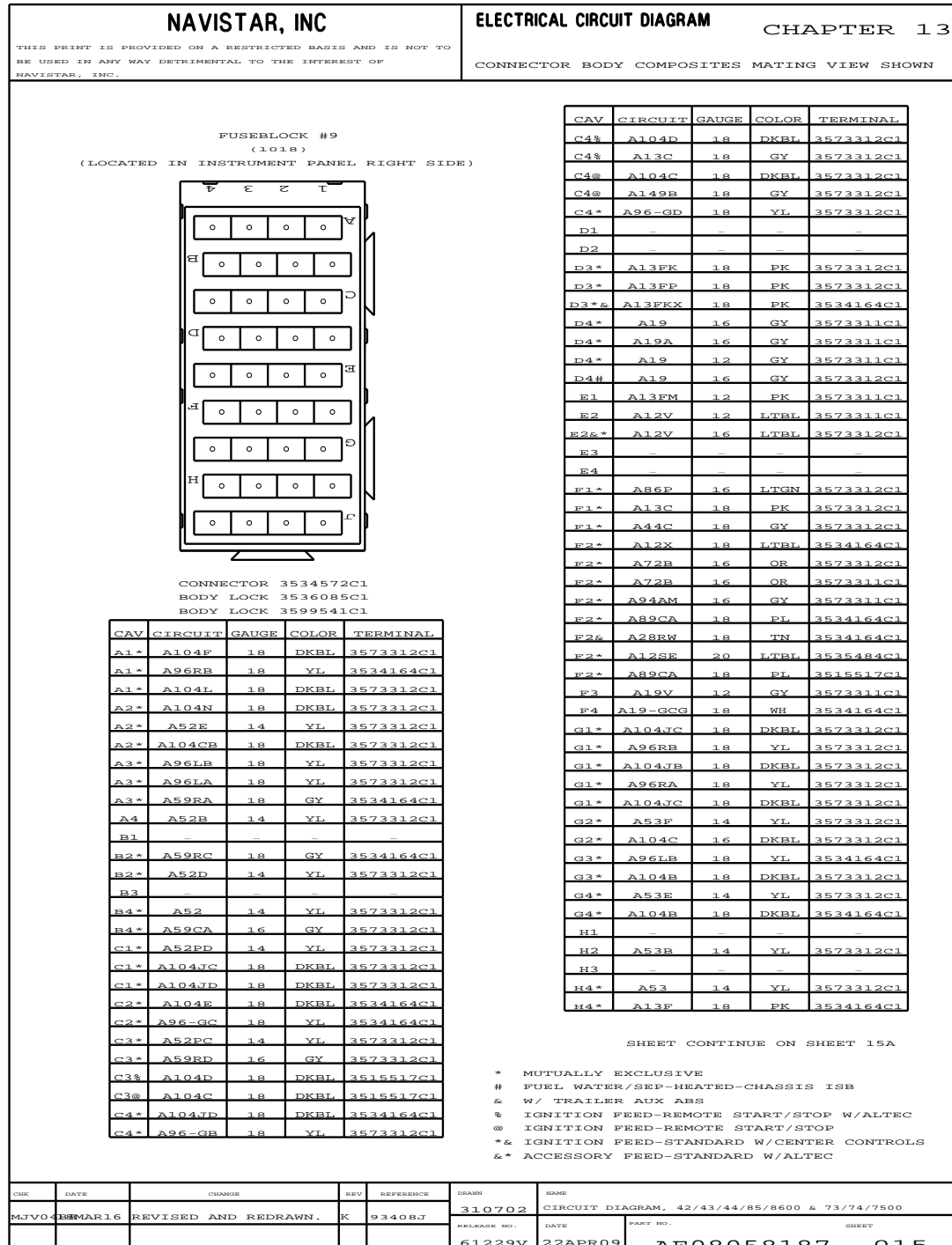


Figure 555 Connector Composites (1018)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.39. CONNECTOR COMPOSITES (1018), P. 15A

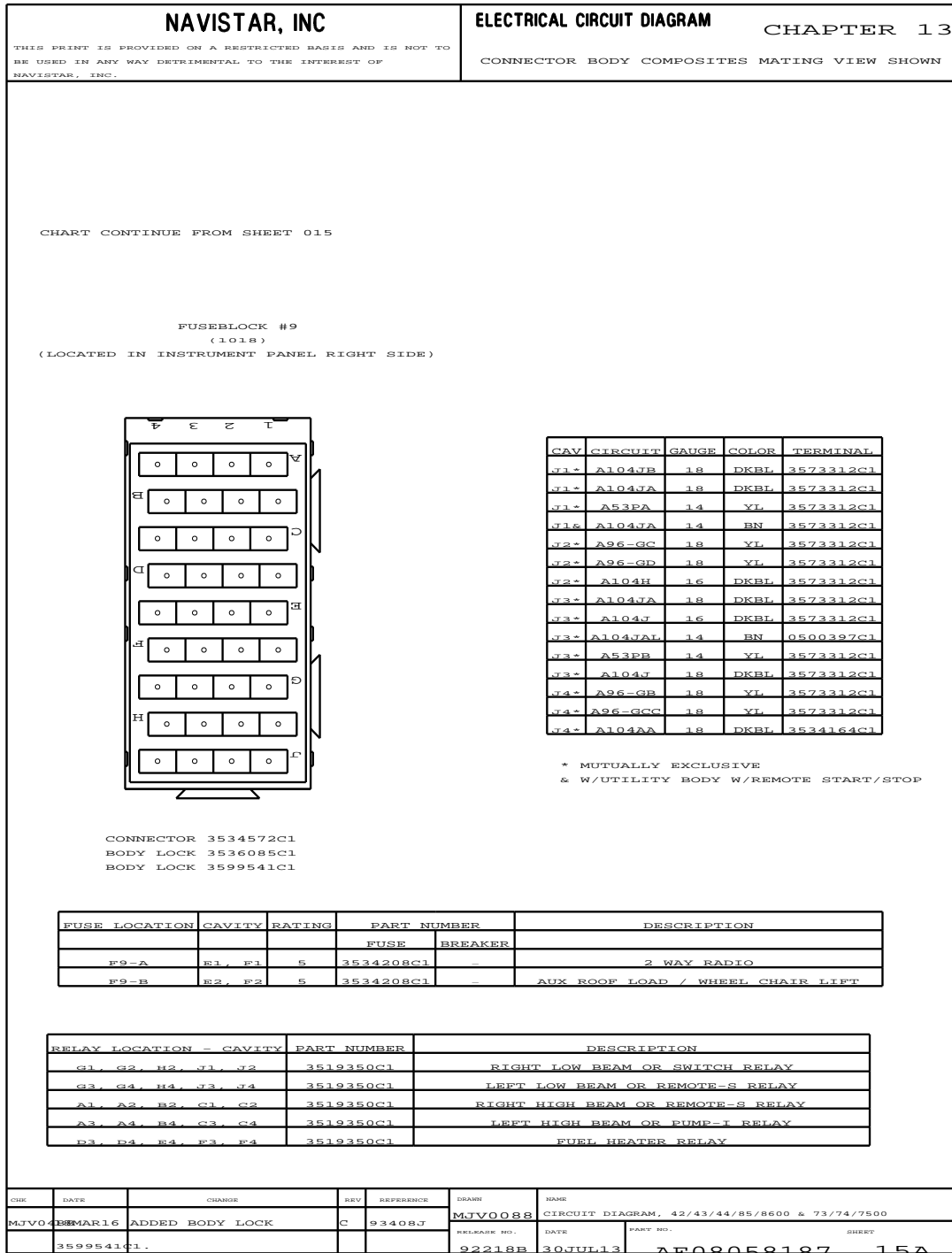


Figure 556 Connector Composites (1018)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.40. CONNECTOR COMPOSITES (1019), P. 16

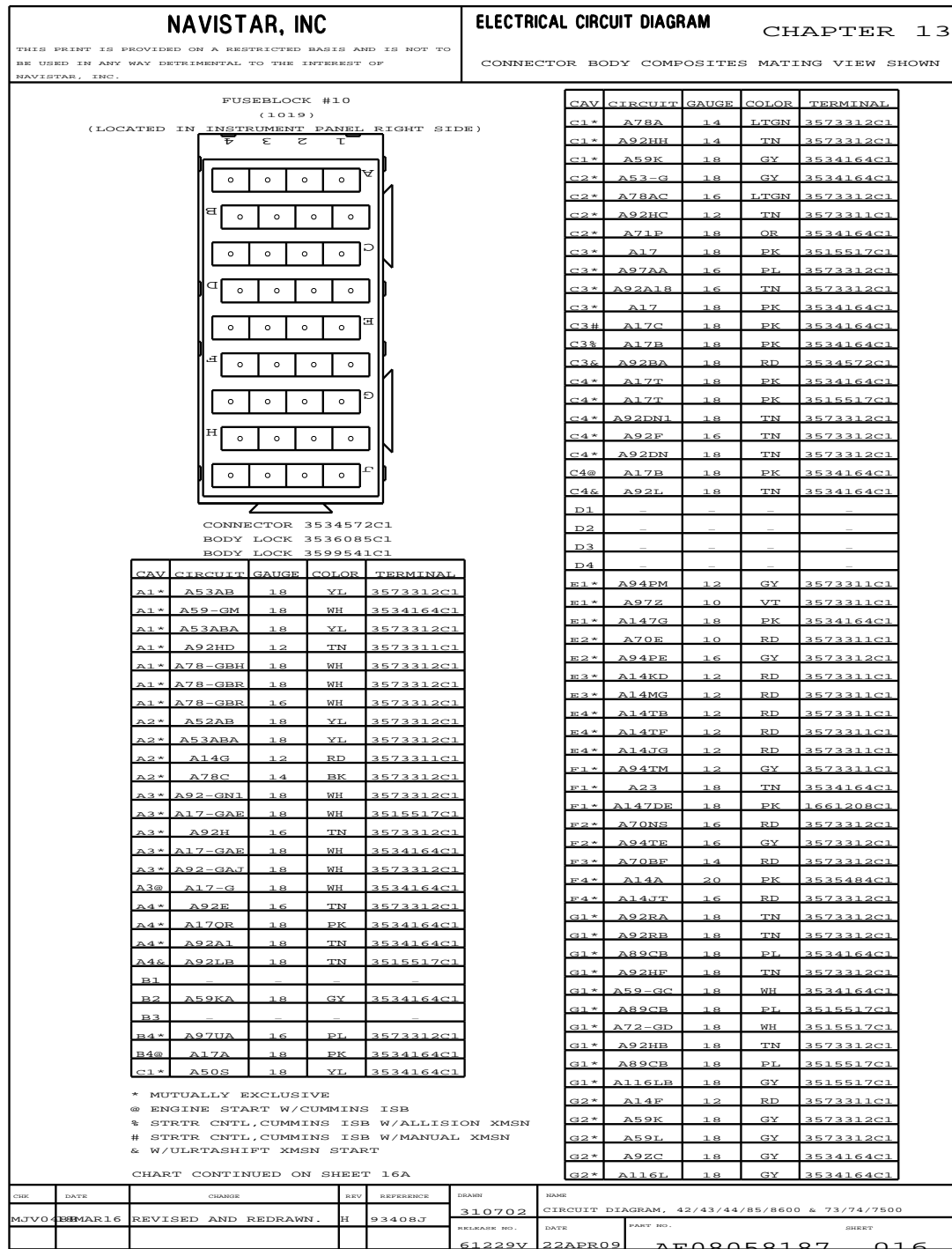


Figure 557 Connector Composites (1019)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.41. CONNECTOR COMPOSITES (1019), P. 16A

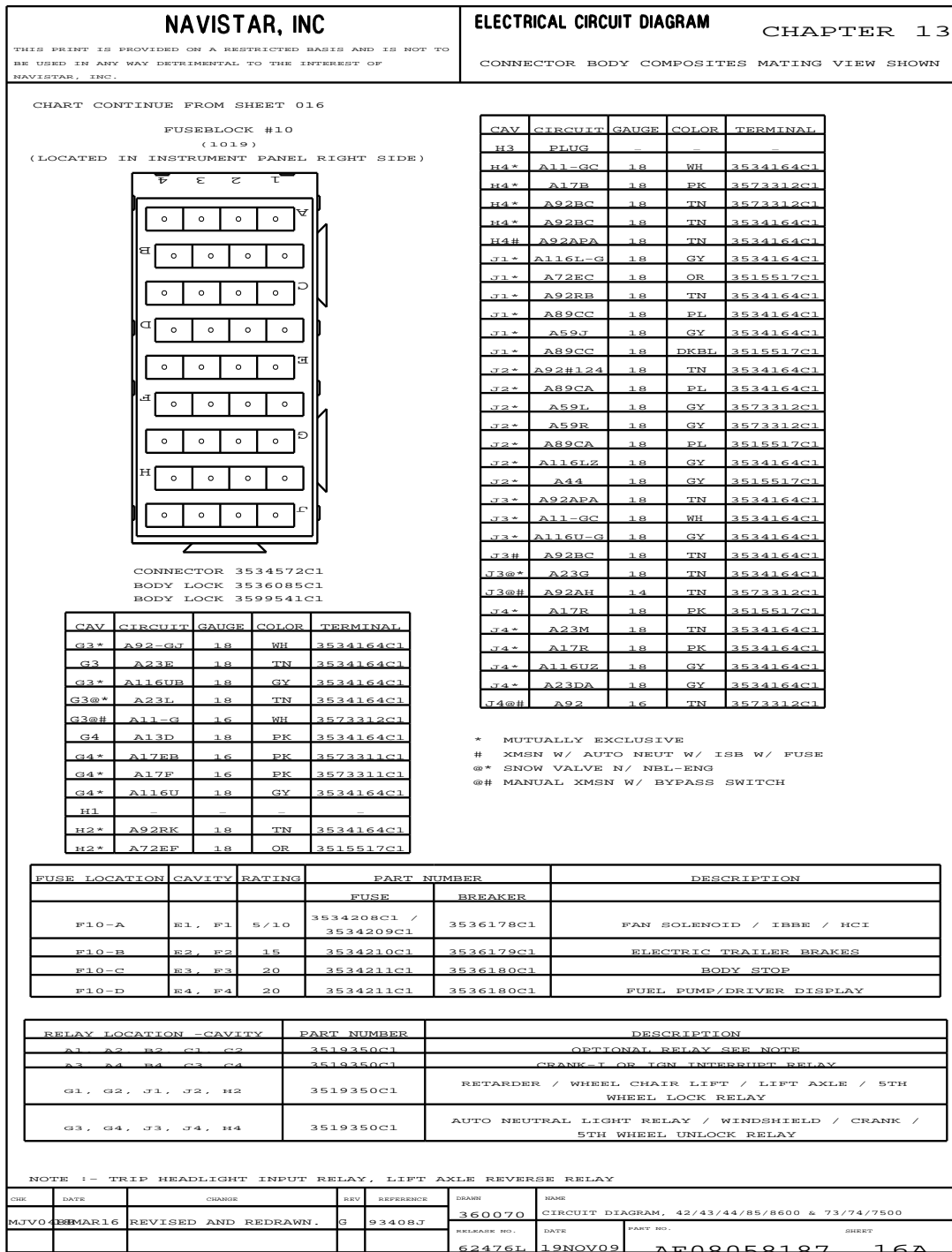


Figure 558 Connector Composites (1019)

13.42. CONNECTOR COMPOSITES (1020), P. 17

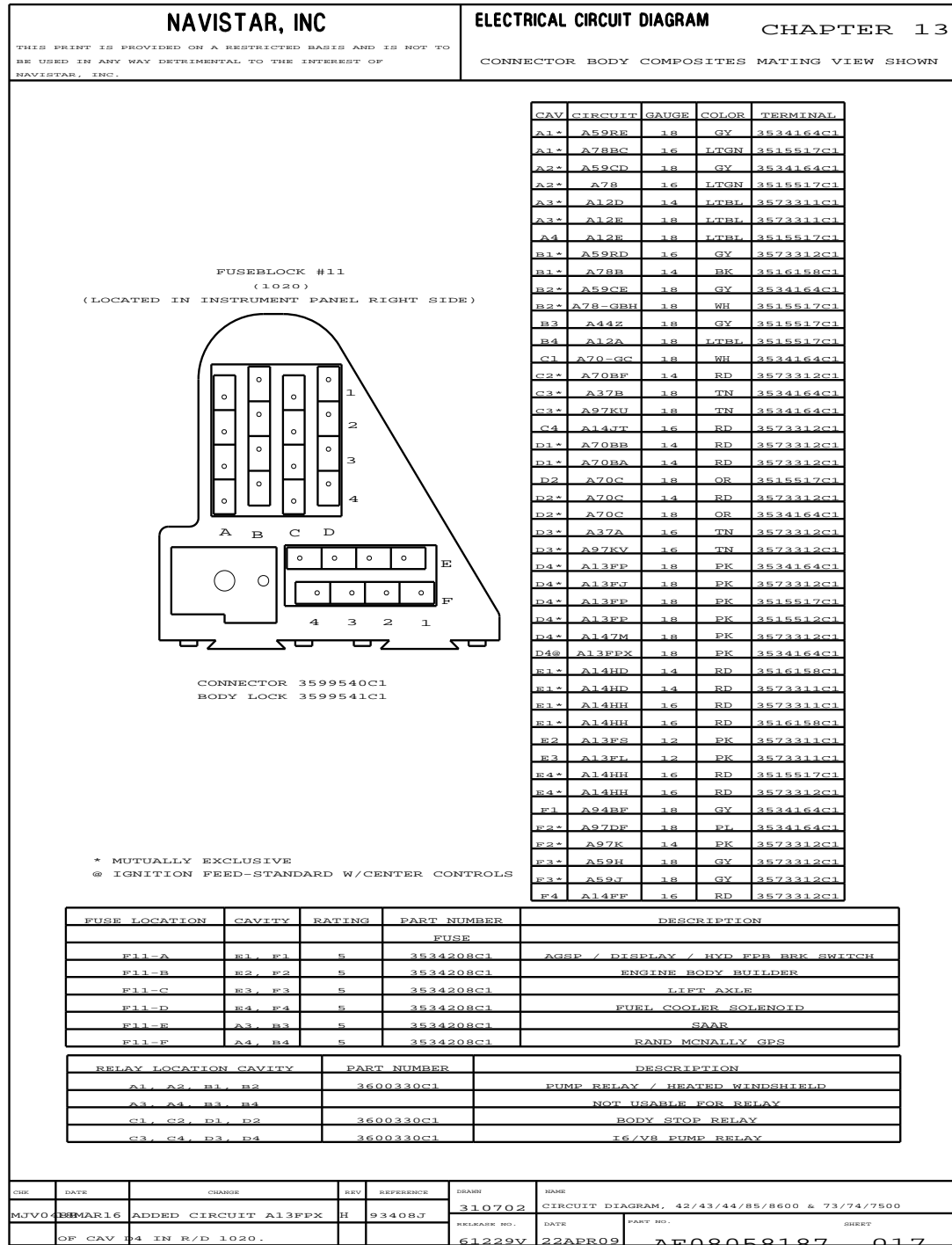
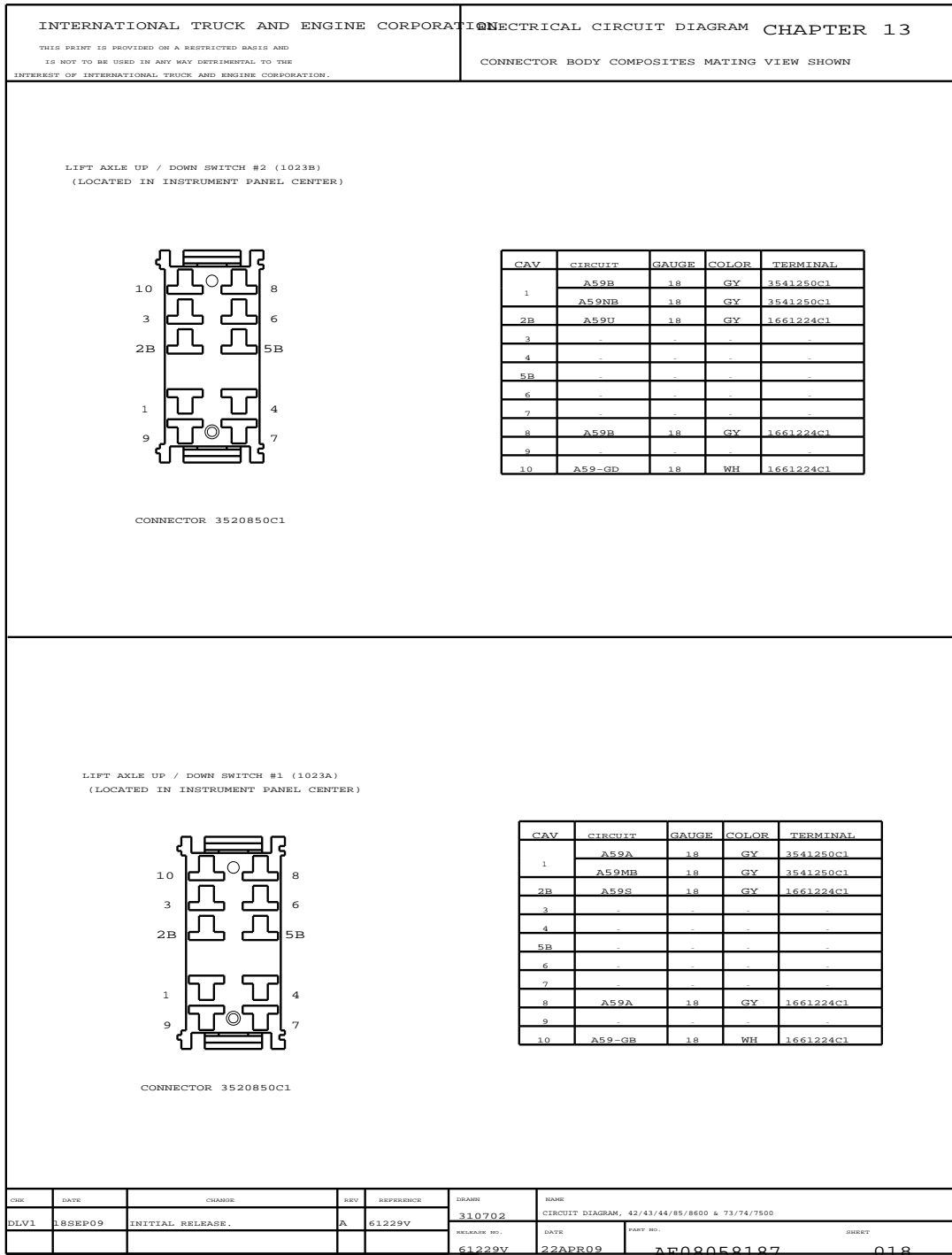


Figure 559 Connector Composites (1020)

ELECTRICAL CIRCUIT DIAGRAM MANUAL**13.43. CONNECTOR COMPOSITES (1023A), (1023B), P. 18****Figure 560 Connector Composites (1023A), (1023B)**

13.44. CONNECTOR COMPOSITES (1023C), (1023D), P. 19

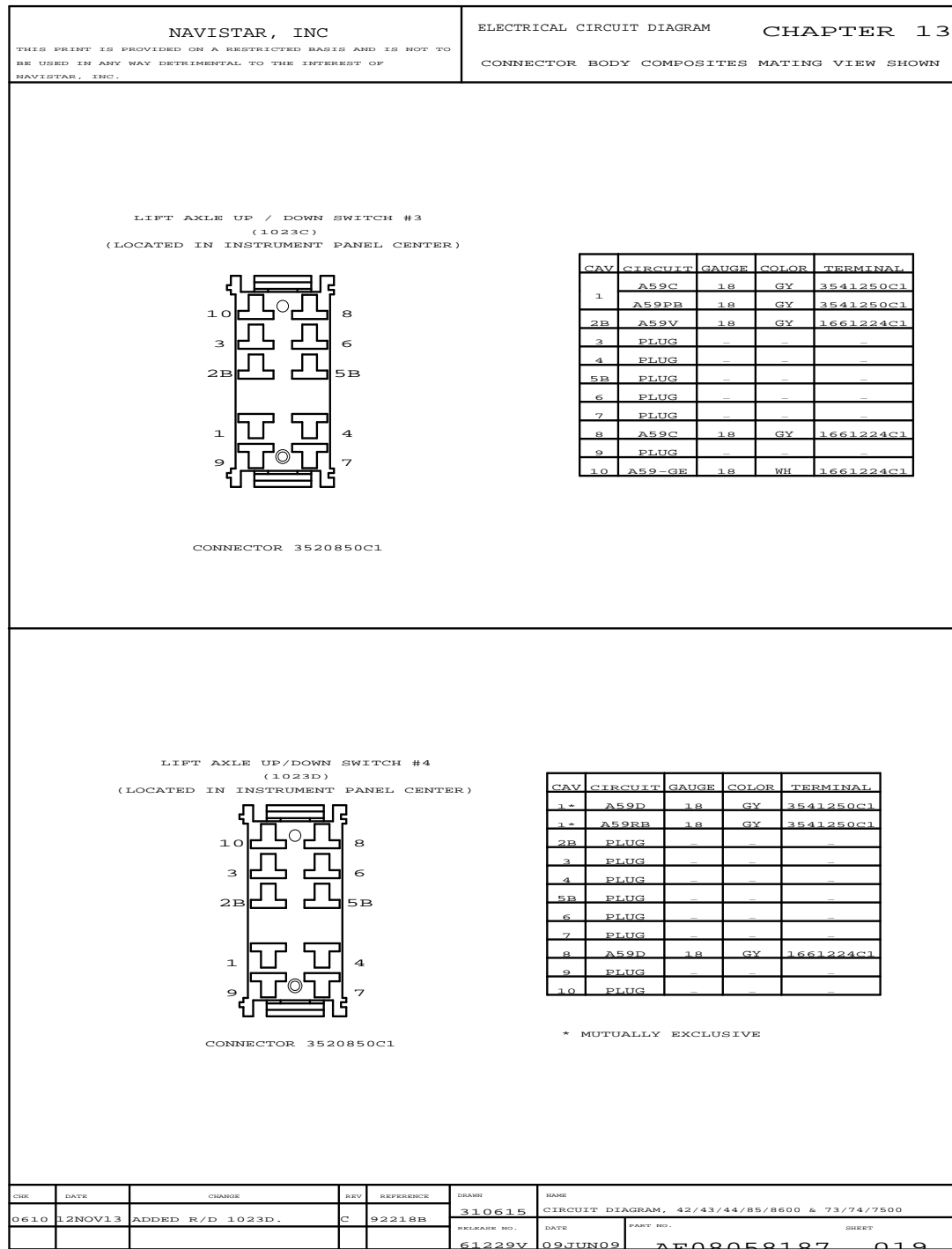


Figure 561 Connector Composites (1023C), (1023D)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.45. CONNECTOR COMPOSITES (1026), P. 19A

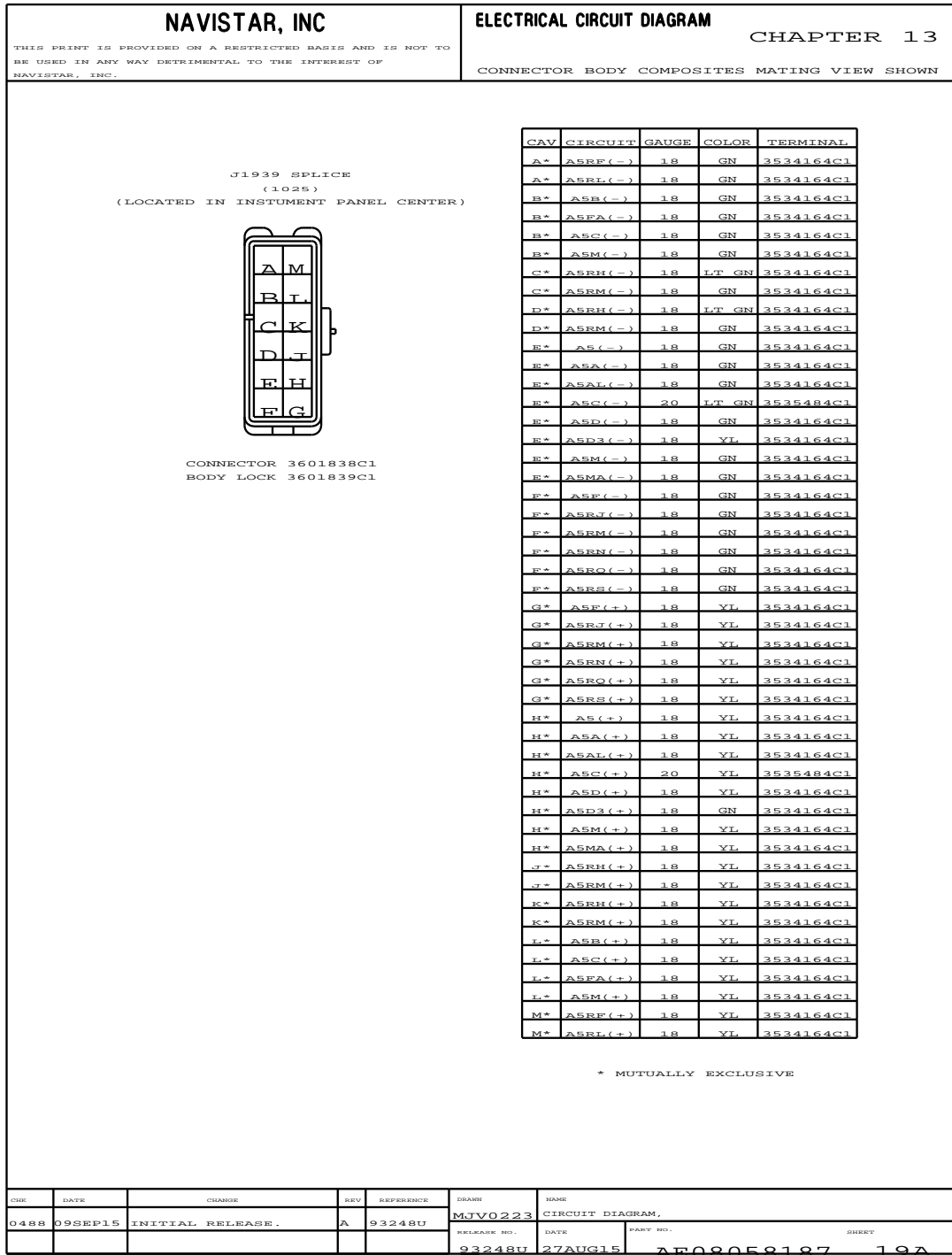


Figure 562 Connector Composites (1026)

13.46. CONNECTOR COMPOSITES (1026), (1029), P. 20

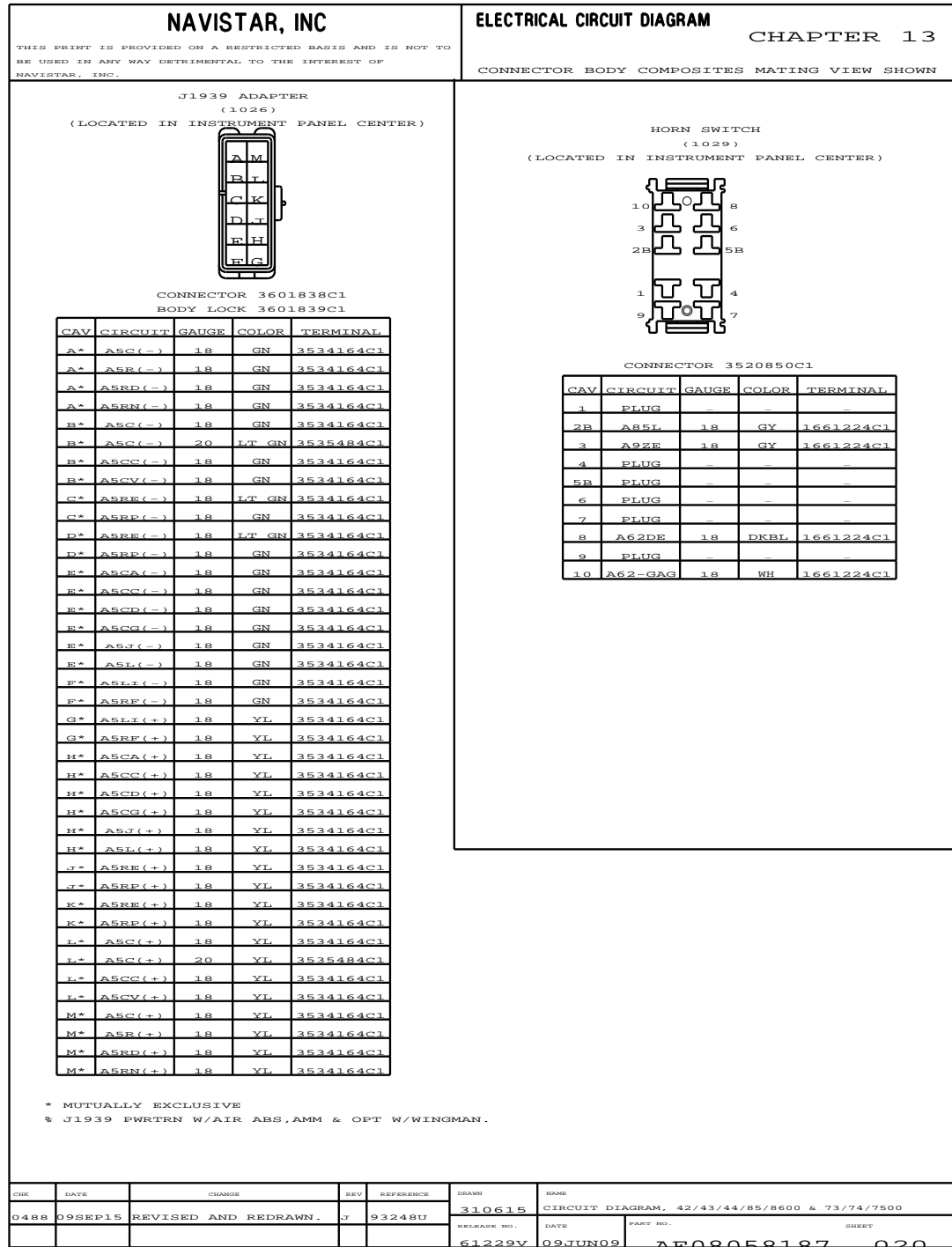


Figure 563 Connector Composites (1026), (1029)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.47. CONNECTOR COMPOSITES (1100), (1100MA), (1101), (1101A), P. 21

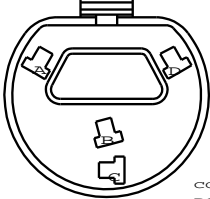
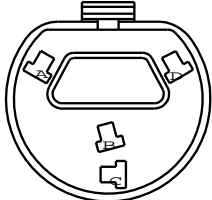
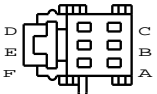

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KEY SWITCH (1100) (LOCATED IN INSTRUMENT PANEL CENTER)  CONNECTOR 3546518C1 BODY LOCK 3546519C1				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A15</td><td>18</td><td>RD</td><td>1661208C1</td></tr> <tr><td>B*</td><td>A17H</td><td>16</td><td>PK</td><td>1661208C1</td></tr> <tr><td>B</td><td>A149B</td><td>16</td><td>GY</td><td>1661208C1</td></tr> <tr><td>B#</td><td>A149B</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>B#</td><td>A17HAL</td><td>16</td><td>PK</td><td>1661208C1</td></tr> <tr><td>B#</td><td>A17</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>B*</td><td>A17AL</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>B#</td><td>A17A</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>B#</td><td>A17H</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>C</td><td>A149C</td><td>14</td><td>GY</td><td>3566715C1</td></tr> <tr><td>C#*</td><td>A149C</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>C</td><td>A12</td><td>18</td><td>LTBL</td><td>1661208C1</td></tr> <tr><td>C*</td><td>A12</td><td>14</td><td>PK</td><td>3566715C1</td></tr> <tr><td>D*</td><td>A13DB</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>D*</td><td>A13F</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>D*</td><td>A104J</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>D*</td><td>A13DB</td><td>14</td><td>BN</td><td>3566715C1</td></tr> <tr><td>D*</td><td>A13F</td><td>14</td><td>BN</td><td>3566715C1</td></tr> <tr><td>D*</td><td>A104J</td><td>14</td><td>BN</td><td>3566715C1</td></tr> <tr><td>D#</td><td>A149D</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>D</td><td>A149D</td><td>14</td><td>GY</td><td>3566715C1</td></tr> <tr><td>D#</td><td>A13A</td><td>14</td><td>GY</td><td>3566715C1</td></tr> <tr><td>D#</td><td>A13</td><td>14</td><td>GY</td><td>3566715C1</td></tr> <tr><td>D#</td><td>A149AX</td><td>18</td><td>GY</td><td>1661208C1</td></tr> </tbody> </table>				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	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#	A13A	14	GY	3566715C1	D#	A13	14	GY	3566715C1	D#	A149AX	18	GY	1661208C1
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D	A149D	14	GY	3566715C1																																																																																																																																
D#	A13A	14	GY	3566715C1																																																																																																																																
D#	A13	14	GY	3566715C1																																																																																																																																
D#	A149AX	18	GY	1661208C1																																																																																																																																
KEY SWITCH CONN (1100MA) (LOCATED IN INSTRUMENT PANEL CENTER)  CONNECTOR 3546518C1 BODY LOCK 3546519C1				<table border="1" style="width: 100%; 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>A15</td><td>16</td><td>RD</td><td>1661208C1</td></tr> <tr><td>B*</td><td>A17H</td><td>16</td><td>PK</td><td>1661208C1</td></tr> <tr><td>B*</td><td>A17H</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>B*</td><td>A17HAL</td><td>16</td><td>PK</td><td>1661208C1</td></tr> <tr><td>B*</td><td>A17HAL</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>B#</td><td>A149B</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>C</td><td>A12</td><td>18</td><td>LTBL</td><td>1661208C1</td></tr> <tr><td>C*</td><td>A12</td><td>14</td><td>PK</td><td>3566715C1</td></tr> <tr><td>C#</td><td>A149C</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>D*</td><td>A13F</td><td>14</td><td>BN</td><td>3566715C1</td></tr> <tr><td>D</td><td>A13F</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>D#</td><td>A149A</td><td>18</td><td>GY</td><td>1661208C1</td></tr> </tbody> </table> <p>• MUTUALLY EXCLUSIVE # ALLISON XMSN W/CENTER PANEL START & IGN FEED-STANDARD W/CENTER CONTROLS % W/ ACCESS FEED- CTR PNL</p>				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																																																												
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61229V	09JUN09	AE08058187	021																																																																																																																																	

Figure 564 Connector Composites (1100), (1100MA), (1101), (1101A)

13.48. CONNECTOR COMPOSITES (1105), (1105A), (1106), P. 22

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

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

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

ROCKER START SWITCH
(1105)
(LOCATED IN INSTRUMENT PANEL CENTER)

CONNECTOR 3520850C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	-	-	-	-
2B	A13FJ	18	PK	1661224C1
3#	A17BA	16	PK	1661224C1
3#	A17H	16	PK	1661224C1
4	-	-	-	-
5B	-	-	-	-
6	-	-	-	-
7	-	-	-	-
8	A62DH	18	DKBL	1661224C1
9	-	-	-	-
10	A62-GCB	18	WH	1661224C1

MUTUALLY EXCLUSIVE

CAB DISCONNECT SWITCH
(1105A)

CONNECTOR 3530407C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1-6	PLUG	-	-	-
7	A12D	18	DKBL	3532119C1
8	PLUG	-	-	-
9	A9D-GD	18	WH	3532119C1
10	A12E	18	DKBL	3532119C1

IP AUX ROOF LOAD SWITCH
(1106)
(LOCATED IN INSTRUMENT PANEL CENTER)

CONNECTOR 3520850C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	-	-	-	-
2B	A12X	18	LTBL	1661224C1
3	A12Y	18	LTBL	3541250C1
3	A12V	18	LTBL	3541250C1
4	-	-	-	-
5B	-	-	-	-
6	-	-	-	-
7	A12V	18	LTBL	1661224C1
8	A62DJ	18	DKBL	1661224C1
9	A12-GA	16	WH	1661224C1
10	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME			
0638	22JUN15	ADDED R/D 1105A.	E	92974E	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500			
					RELEASE NO.	DATE	PART NO.	SHEET	
					61229V	09JUN09	AE08058187	022	

Figure 565 Connector Composites (1105), (1105A), (1106)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.49. CONNECTOR COMPOSITES (1107), (1108), P. 22A

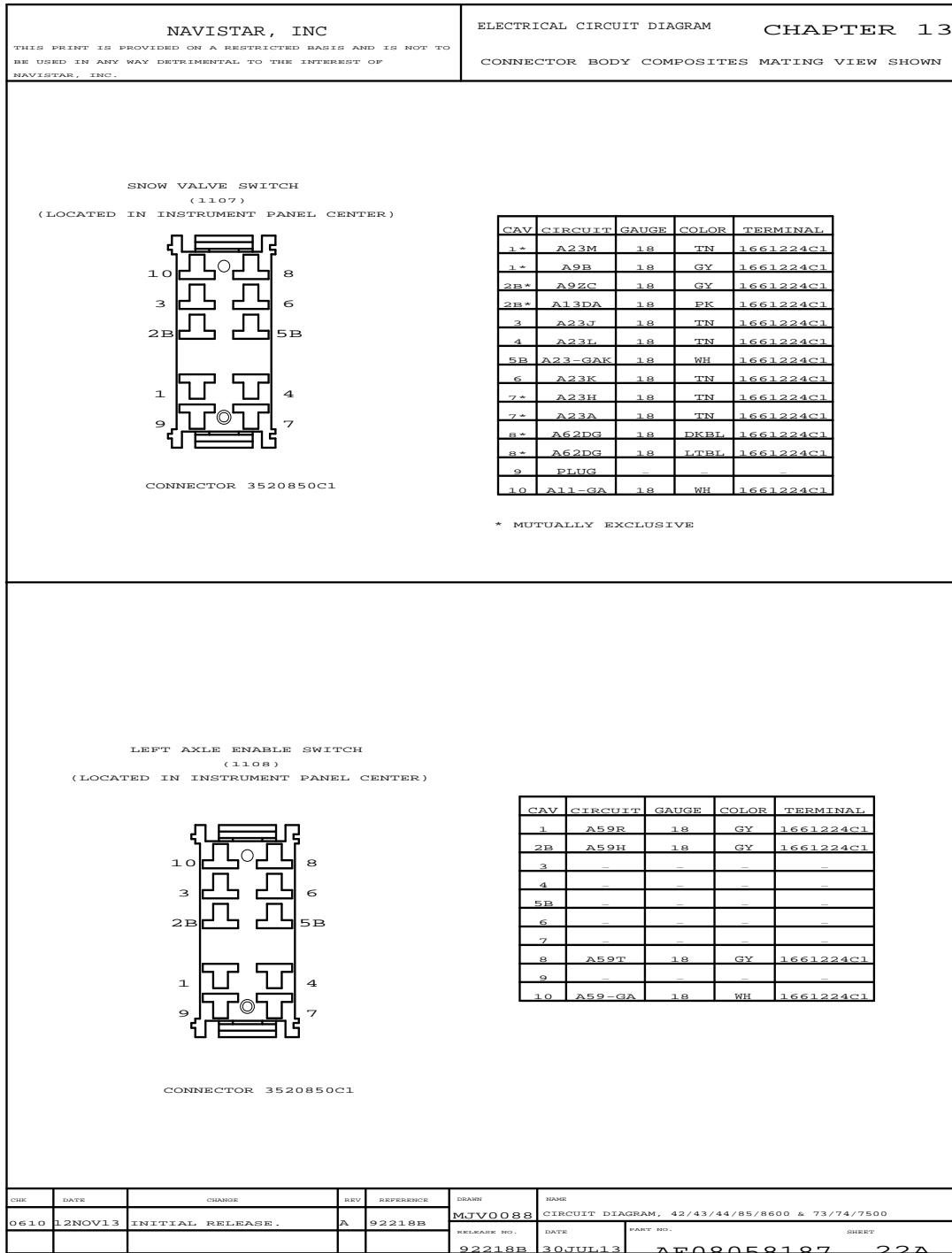


Figure 566 Connector Composites (1107), (1108)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.50. CONNECTOR COMPOSITES (1109), (1109A), (1110), P. 23



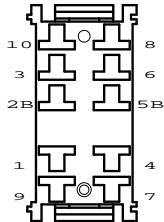
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																					
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<p>HYDRAULIC POWER PACK SWITCH (1109) (LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p>CONNECTOR 3518182C1 BODY LOCK 3518184C1</p>						<table border="1" style="font-size: x-small; border-collapse: collapse;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>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																																																																																					
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<p>AUX TRAILER SOCKET SWITCH (1110) (LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p>CONNECTOR 3520850C1</p>						<table border="1" style="font-size: x-small; border-collapse: collapse;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>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>DKBL</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>		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	DKBL	1661224C1	9#	A72-GAM	18	WH	1661224C1	10#	A72-GB	18	WH	3541250C1	10#	A72-GD	18	WH	3541250C1
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R/D 1110					RELEASE NO.	DATE	PART NO.																																																																																																				
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Figure 567 Connector Composites (1109), (1109A), (1110)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.51. CONNECTOR COMPOSITES (1112), (1113), (1115), P. 23A

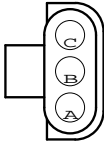
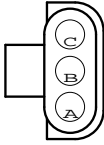
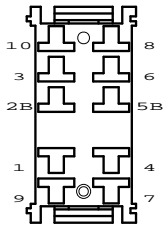
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<div style="display: flex; justify-content: space-between;"><div style="width: 45%; text-align: center;"><p>DRIVER SEAT BELT ALARM (1112) (LOCATED NEAR DRIVER SEAT)</p><p>CONNECTOR 0587570C91</p></div><div style="width: 50%;"><table border="1" style="width: 100%; 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>A79B</td><td>1B</td><td>GY</td><td>0587576C1</td></tr><tr><td>A*</td><td>A79A</td><td>1B</td><td>GY</td><td>0587576C1</td></tr><tr><td>B</td><td>PLUG</td><td></td><td></td><td></td></tr><tr><td>C*</td><td>A9BC</td><td>1B</td><td>GY</td><td>0587576C1</td></tr><tr><td>C*</td><td>A9ZJ</td><td>1B</td><td>GY</td><td>0587576C1</td></tr></tbody></table><p style="text-align: center; font-size: x-small;">* MUTUALLY EXCLUSIVE</p></div></div>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A*	A79B	1B	GY	0587576C1	A*	A79A	1B	GY	0587576C1	B	PLUG				C*	A9BC	1B	GY	0587576C1	C*	A9ZJ	1B	GY	0587576C1																									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																									
A*	A79B	1B	GY	0587576C1																																																									
A*	A79A	1B	GY	0587576C1																																																									
B	PLUG																																																												
C*	A9BC	1B	GY	0587576C1																																																									
C*	A9ZJ	1B	GY	0587576C1																																																									
<div style="display: flex; justify-content: space-between;"><div style="width: 45%; text-align: center;"><p>PASS SEAT BELT ALARM (1113) (LOCATED NEAR PASSENGER SEAT)</p><p>CONNECTOR 0587570C91</p></div><div style="width: 50%;"><table border="1" style="width: 100%; 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>A79C</td><td>1B</td><td>GY</td><td>0587576C1</td></tr><tr><td>B</td><td>PLUG</td><td></td><td></td><td></td></tr><tr><td>C</td><td>A9BD</td><td>1B</td><td>GY</td><td>0587576C1</td></tr></tbody></table></div></div>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A79C	1B	GY	0587576C1	B	PLUG				C	A9BD	1B	GY	0587576C1																																			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																									
A	A79C	1B	GY	0587576C1																																																									
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C	A9BD	1B	GY	0587576C1																																																									
<div style="display: flex; justify-content: space-between;"><div style="width: 45%; text-align: center;"><p>ENGINE BRAKE (1115) (LOCATED BEHIND DASH PANEL)</p><p>CONNECTOR 3520850C1</p></div><div style="width: 50%;"><table border="1" style="width: 100%; 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>A24</td><td>1B</td><td>GY</td><td>1661224C1</td></tr><tr><td>3</td><td>A97ZA</td><td>1B</td><td>DKBL</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>A62B</td><td>1B</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>A62-G</td><td>1B</td><td>WH</td><td>1661224C1</td></tr></tbody></table></div></div>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	PLUG				2B	A24	1B	GY	1661224C1	3	A97ZA	1B	DKBL	1661224C1	4	PLUG				5B	PLUG				6	PLUG				7	PLUG				8	A62B	1B	DKBL	1661224C1	9	PLUG				10	A62-G	1B	WH	1661224C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																									
1	PLUG																																																												
2B	A24	1B	GY	1661224C1																																																									
3	A97ZA	1B	DKBL	1661224C1																																																									
4	PLUG																																																												
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6	PLUG																																																												
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8	A62B	1B	DKBL	1661224C1																																																									
9	PLUG																																																												
10	A62-G	1B	WH	1661224C1																																																									
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	PART NO.																																																								
92218B				30JUL13	AE08058187 23A																																																								

Figure 568 Connector Composites (1112), (1113), (1115)

13.52. CONNECTOR COMPOSITES (1116), (1120), (1200), P. 23B

NAVISTAR, INC

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

PASS CODE

(1116)

(LOCATED BEHIND CENTRAL PANEL TSS SWITCH PACK)

CONN 3520850C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	PLUG	-	-	-
2B	A45D	18	WH	1661224C1
3	A14A	18	RD	1661224C1
4	PLUG	-	-	-
5B	PLUG	-	-	-
6	PLUG	-	-	-
7	PLUG	-	-	-
8	A62D	18	DKBL	1661224C1
9	PLUG	-	-	-
10	A62-GA	18	WH	1661224C1

LIFT SWITCH

(1120)

(LOCATED AT LEFT SIDE OF DRIVER SEAT)

CONNECTOR 3546261C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	PLUG	-	-	-
2	PLUG	-	-	-
3	PLUG	-	-	-
4	PLUG	-	-	-
5	A122AB	18	PL	1661224C1
6*	A122B	18	WH	3541250C1
6*	A122C	18	DKBL	3541250C1
7	A62-GAD	18	WH	1661224C1
8	A122C	18	DKBL	1661224C1
9	PLUG	-	-	-
10	PLUG	-	-	-

* MUTUALLY EXCLUSIVE

HVAC CONTROL

(1200)

(LOCATED IN INSTRUMENT PANEL CENTER)

CONNECTOR 3534302C1
BODY LOCK1 3539892C1
BODY LOCK2 3539893C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A1	A73A	18	LTGN	3522073C1
A2	A75D	18	LTGN	3522073C1
A3	PLUG	-	-	-
A4	A77	20	LTGN	3534303C1
A5	PLUG	-	-	-
A6	PLUG	-	-	-
A7	PLUG	-	-	-
A8	PLUG	-	-	-
A9	A75C	20	LTGN	3534303C1
A10	PLUG	-	-	-
A11	A75A	18	LTGN	3522073C1
A12	A62DA	18	DKBL	3522073C1
B1	A74D	18	LTGN	3522073C1
B2	A74E	18	LTGN	3522073C1
B3	PLUG	-	-	-
B4	PLUG	-	-	-
B5	PLUG	-	-	-
B6	A74-G	18	WH	3522073C1
B7	PLUG	-	-	-
B8	PLUG	-	-	-
B9	A74	18	LTGN	3522073C1
B10	A74A	18	LTGN	3522073C1
B11	A74B	18	LTGN	3522073C1
B12	A74C	18	LTGN	3522073C1

CHK	DATE	CHANGE	REV	REFERENCE	DRWN	NAME	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
0610	12NOV13	INITIAL RELEASE.	A	92218B	MJV0088			
RELEASE NO.	DATE	PART NO.	SHEET					
92218B	30JUL13	AE08058187	23B					

Figure 569 Connector Composites (1116), (1120), (1200)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.53. CONNECTOR COMPOSITES (1210), (1220), (1227), P. 24

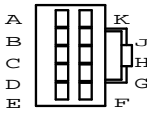
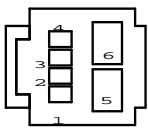

NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13																																																																																														
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																																																																			
HVAC UNIT (1210) (LOCATED IN INSTRUMENT PANEL RIGHT SIDE)					HVAC LPM (1220) (LOCATED ON RIGHT SIDE KICK PANEL HVAC LPM)																																																																																																			
																																																																																																								
CONNECTOR 3837771C1 BODY LOCK 3540614C1					CONNECTOR 3627940C1																																																																																																			
<table border="1" style="width: 100%; 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>A74</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>B</td><td>A74A</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>C</td><td>A74B</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>D</td><td>A74C</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>E</td><td>A75D</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>F</td><td>A74E</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>G</td><td>A75E</td><td>20</td><td>LTGN</td><td>3544254C1</td></tr> <tr><td>H</td><td>A75ZVRA</td><td>18</td><td>GY</td><td>1661261C1</td></tr> <tr><td>J</td><td>A77D</td><td>20</td><td>LTGN</td><td>3544254C1</td></tr> <tr><td>K</td><td>A75ZVRB</td><td>18</td><td>GY</td><td>1661261C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A74	18	LTGN	1661261C1	B	A74A	18	LTGN	1661261C1	C	A74B	18	LTGN	1661261C1	D	A74C	18	LTGN	1661261C1	E	A75D	18	LTGN	1661261C1	F	A74E	18	LTGN	1661261C1	G	A75E	20	LTGN	3544254C1	H	A75ZVRA	18	GY	1661261C1	J	A77D	20	LTGN	3544254C1	K	A75ZVRB	18	GY	1661261C1	<table border="1" style="width: 100%; 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>A75A</td><td>18</td><td>LTGN</td><td>3544884C1</td></tr> <tr><td>5</td><td>A75-G</td><td>12</td><td>WH</td><td>3605694C1</td></tr> <tr><td>6</td><td>A75</td><td>12</td><td>LTGN</td><td>3605694C1</td></tr> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	PLUG	-	-	-	2	PLUG	-	-	-	3	PLUG	-	-	-	4	A75A	18	LTGN	3544884C1	5	A75-G	12	WH	3605694C1	6	A75	12	LTGN	3605694C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																				
A	A74	18	LTGN	1661261C1																																																																																																				
B	A74A	18	LTGN	1661261C1																																																																																																				
C	A74B	18	LTGN	1661261C1																																																																																																				
D	A74C	18	LTGN	1661261C1																																																																																																				
E	A75D	18	LTGN	1661261C1																																																																																																				
F	A74E	18	LTGN	1661261C1																																																																																																				
G	A75E	20	LTGN	3544254C1																																																																																																				
H	A75ZVRA	18	GY	1661261C1																																																																																																				
J	A77D	20	LTGN	3544254C1																																																																																																				
K	A75ZVRB	18	GY	1661261C1																																																																																																				
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																				
1	PLUG	-	-	-																																																																																																				
2	PLUG	-	-	-																																																																																																				
3	PLUG	-	-	-																																																																																																				
4	A75A	18	LTGN	3544884C1																																																																																																				
5	A75-G	12	WH	3605694C1																																																																																																				
6	A75	12	LTGN	3605694C1																																																																																																				
LIFT AXLE CONTROL (1227) (LOCATED IN INSTRUMENT PANEL RIGHT SIDE)																																																																																																								
																																																																																																								
CONNECTOR 1661889C1 BODY LOCK 1661890C1																																																																																																								
<table border="1" style="width: 100%; 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>A59H</td><td>18</td><td>GY</td><td>1661261C1</td></tr> <tr><td>B</td><td>A59J</td><td>18</td><td>GY</td><td>1661261C1</td></tr> <tr><td>C</td><td>A59-GBM</td><td>16</td><td>WH</td><td>1661261C1</td></tr> </tbody> </table>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A59H	18	GY	1661261C1	B	A59J	18	GY	1661261C1	C	A59-GBM	16	WH	1661261C1																																																																						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																				
A	A59H	18	GY	1661261C1																																																																																																				
B	A59J	18	GY	1661261C1																																																																																																				
C	A59-GBM	16	WH	1661261C1																																																																																																				
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																																		
0610	12NOV13	RMVD R/D 1228.	D	92218B	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																																																		
					RELEASE NO.	DATE	PART NO.	SHEET																																																																																																
					61229V	09JUN09	AE08058187 024																																																																																																	

Figure 570 Connector Composites (1210), (1220), (1227)

13.54. CONNECTOR COMPOSITES (1234), P. 24A

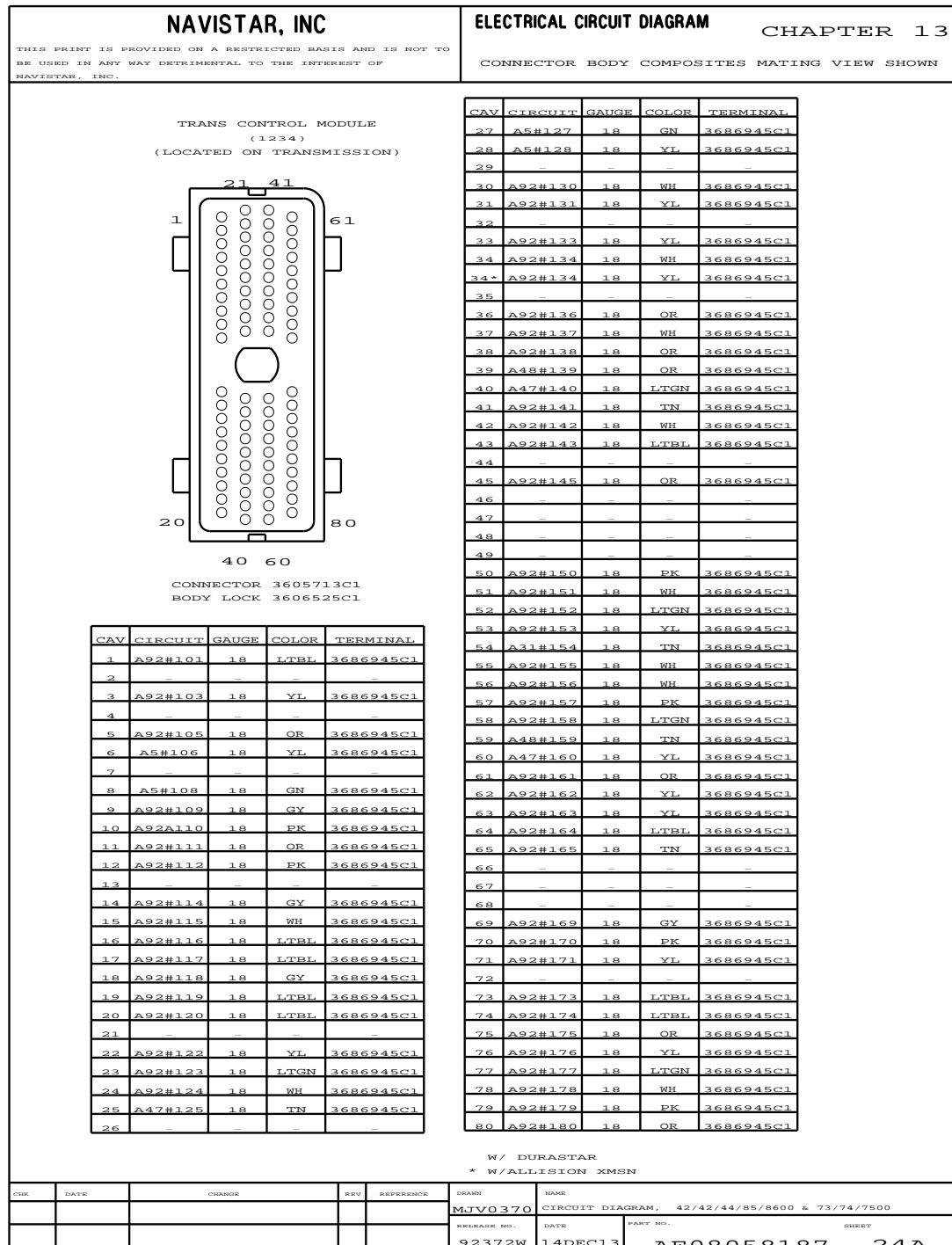


Figure 571 Connector Composites (1234)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.55. CONNECTOR COMPOSITES (1235), (1236), P. 24B

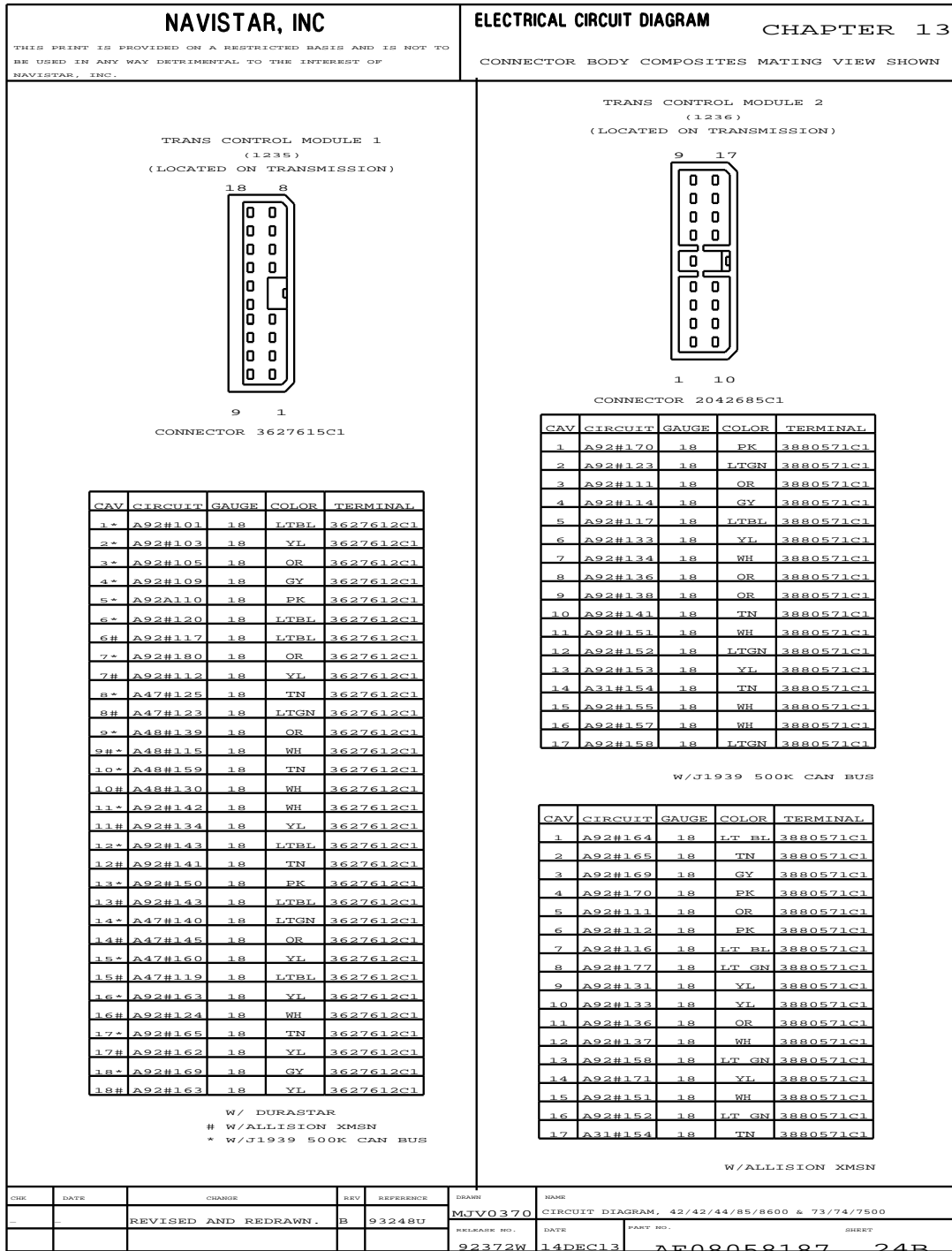


Figure 572 Connector Composites (1235), (1236)

13.56. CONNECTOR COMPOSITES (1237), P. 24C

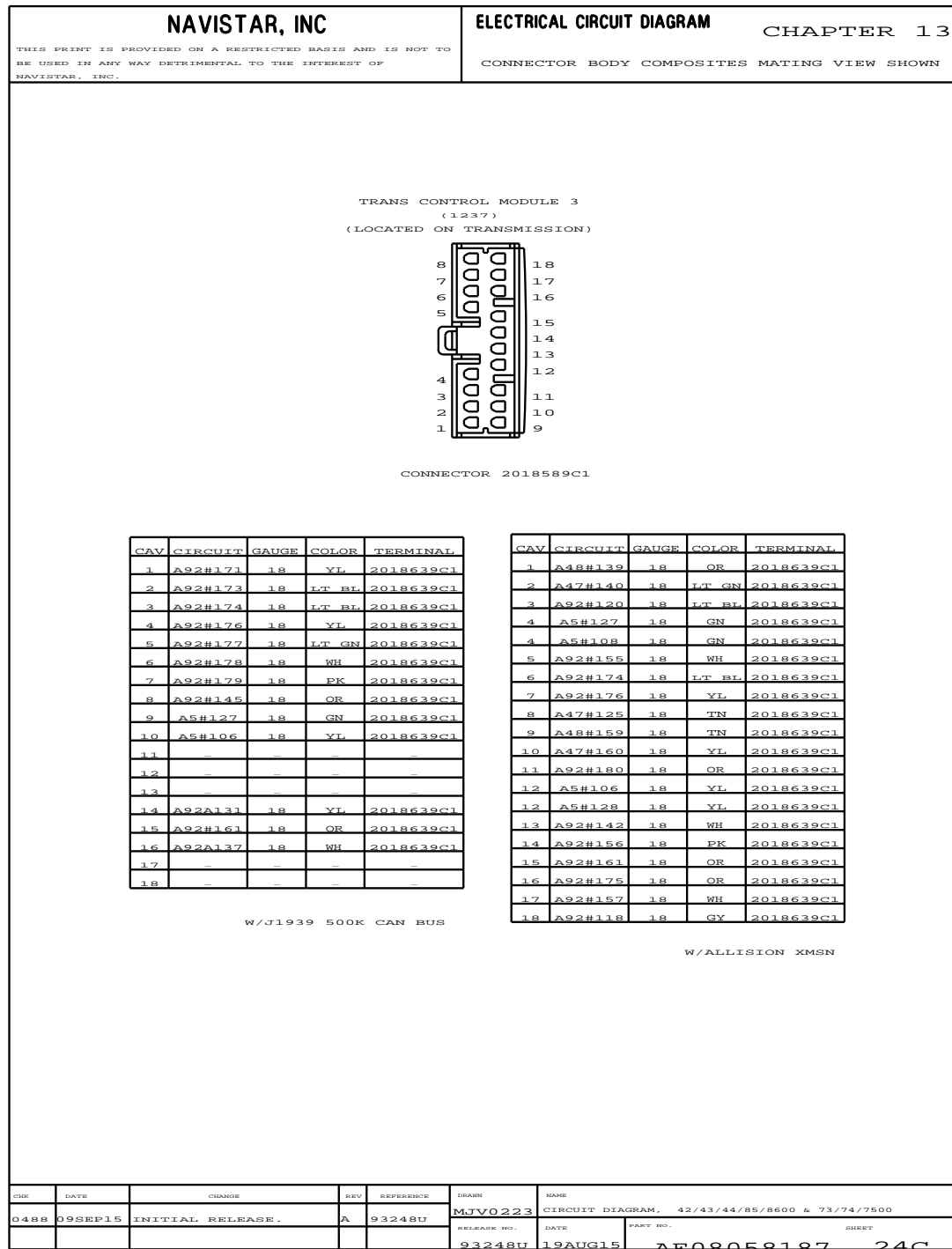


Figure 573 Connector Composites (1237)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.57. CONNECTOR COMPOSITES (1240F), (1241F), P. 25

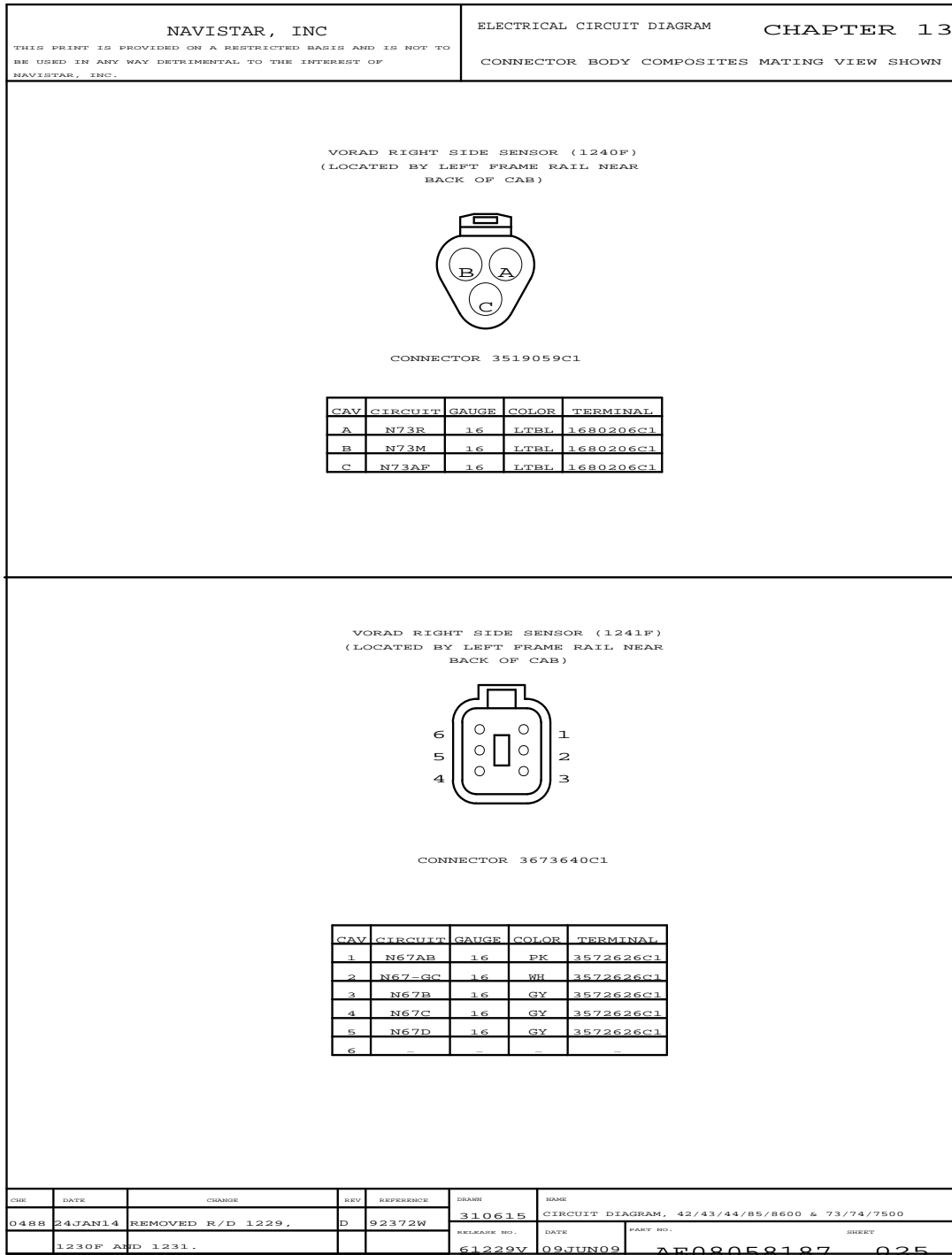


Figure 574 Connector Composites (1240F), (1241F)

13.58. CONNECTOR COMPOSITES (1242), (1243), (1300), (1300A), P. 26

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

MOBILEMAX POWER INPUT
(1242)

(LOCATED INSIDE NEAR BACK OF CAB LEFT SIDE)

CONNECTOR 2005835C1
BODY LOCK 2006503C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A14AF	18	RD	1661208C1
B	A14AH	18	RD	1661208C1
C	A11-GBE	18	WH	1661208C1
D	A11-GBF	18	WH	1661208C1
E	A13FG	18	PK	1661208C1
F	A3AB(+)	18	DKBL	1661208C1
G	A3AB(-)	18	GY	1661208C1
H	PLUG	-	-	-

MOBILEMAX DISCRETE I/O
(1243)

(LOCATED INSIDE NEAR BACK OF CAB LEFT SIDE)

CONNECTOR 2005836C1
BODY LOCK 2006504C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	PLUG	-	-	-
B	A62B	18	DKBL	1661212C1
C	PLUG	-	-	-
D	PLUG	-	-	-
E	PLUG	-	-	-
F	PLUG	-	-	-
G	PLUG	-	-	-
H	PLUG	-	-	-

RADIO
(1300)

(LOCATED IN INSTRUMENT PANEL)

CONNECTOR 3597143C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A86C(+)	18	YL	3597102C1
2	A86C(-)	18	GN	3597102C1
3	A54D	18	BN	3597102C1
4	A86	18	LTGN	3597102C1
5	PLUG	-	-	-
6	A62E	18	DKBL	3597102C1
7	A86A	18	LTGN	3597102C1
8	A86-G	18	WH	3597102C1
9	A86DA	20	LTGN	3597102C1
10	A86EA	20	LTGN	3597102C1
11*	A86K	20	LTGN	3597102C1
11#	A86K	18	LTGN	3597102C1
12*	A86L	20	LTGN	3597102C1
12#	A86L	18	LTGN	3597102C1
13*	A86H	20	LTGN	3597102C1
13#	A86H	18	LTGN	3597102C1
14*	A86J	20	LTGN	3597102C1
14#	A86J	18	LTGN	3597102C1
15	A86BA	20	LTGN	3597102C1
16	A86CA	20	LTGN	3597102C1

* W/ PREM TRIM
W/ QUALCOMM OMNIVISION

RADIO
(1300A)

LOCATED IN INSTRUMENT PANEL)

CONNECTOR 3597143C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	PLUG	-	-	-
2	PLUG	-	-	-
3	A54D	18	BN	3597102C1
4	A86AE	18	LTGN	3597102C1
5	PLUG	-	-	-
6	A62E	18	DKBL	3597102C1
7	A86A	18	LTGN	3597102C1
8	A86-G	18	WH	3597102C1
9	A86DA	20	LTGN	3597102C1
10	A86EA	20	LTGN	3597102C1
11	A86K	20	LTGN	3597102C1
12	A86L	20	LTGN	3597102C1
13	A86H	20	LTGN	3597102C1
14	A86J	20	LTGN	3597102C1
15	A86BA	20	LTGN	3597102C1
16	A86CA	20	LTGN	3597102C1

CHK	DATE	CHANGE	REV	REFERENCE	DATE	NAME	PART NO.	SHEET
0610	12NOV13	ADDED R/D 1300A &	D	92218B	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500		
	MVD R/D	1301.1338M.			61229V	09JUN09	AE08058187	026

Figure 575 Connector Composites (1242), (1243), (1300), (1300A)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.59. CONNECTOR COMPOSITES (1301), (1302), P. 26A

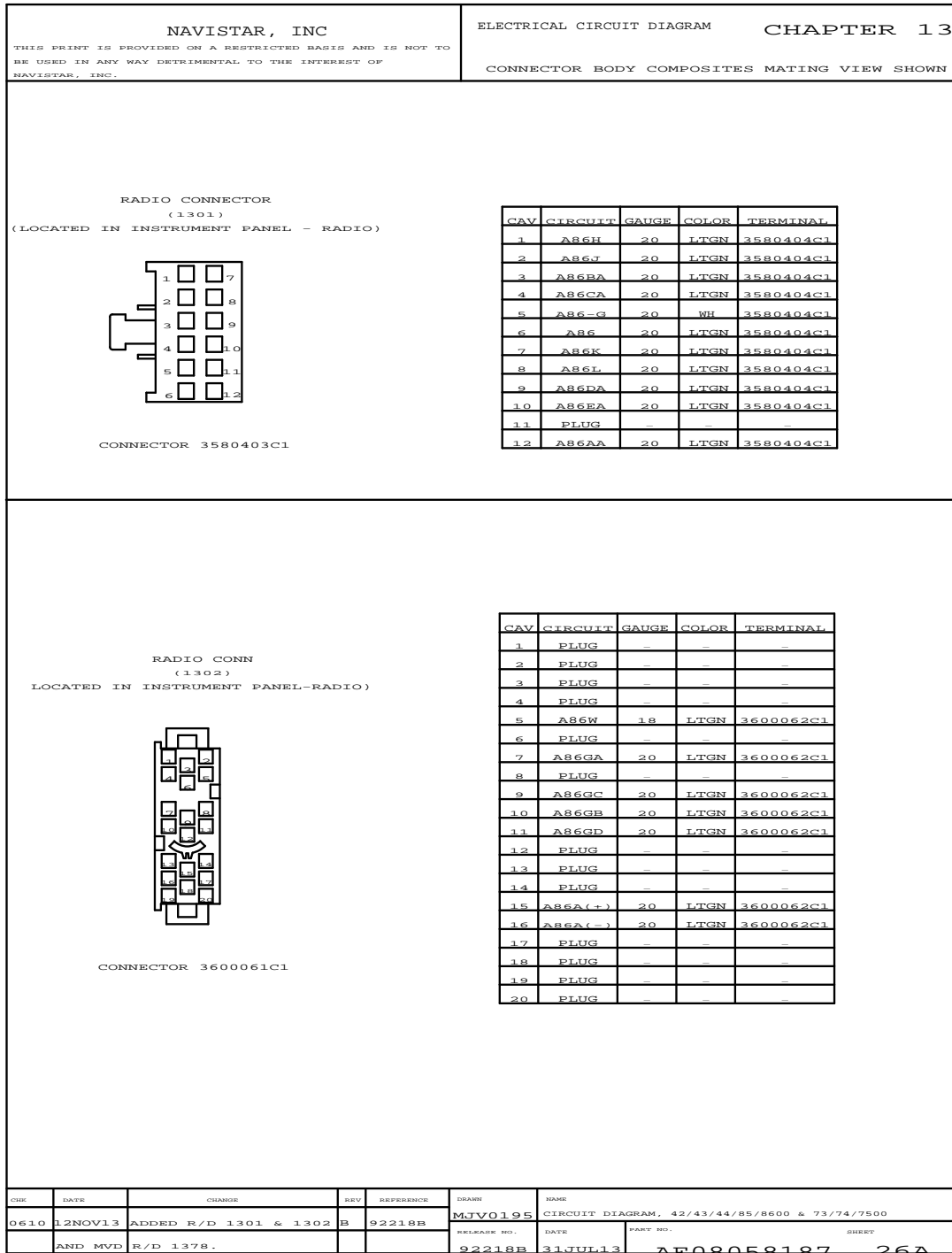


Figure 576 Connector Composites (1301), (1302)

13.60. CONNECTOR COMPOSITES (1303), (1338M), (1378), P. 26B

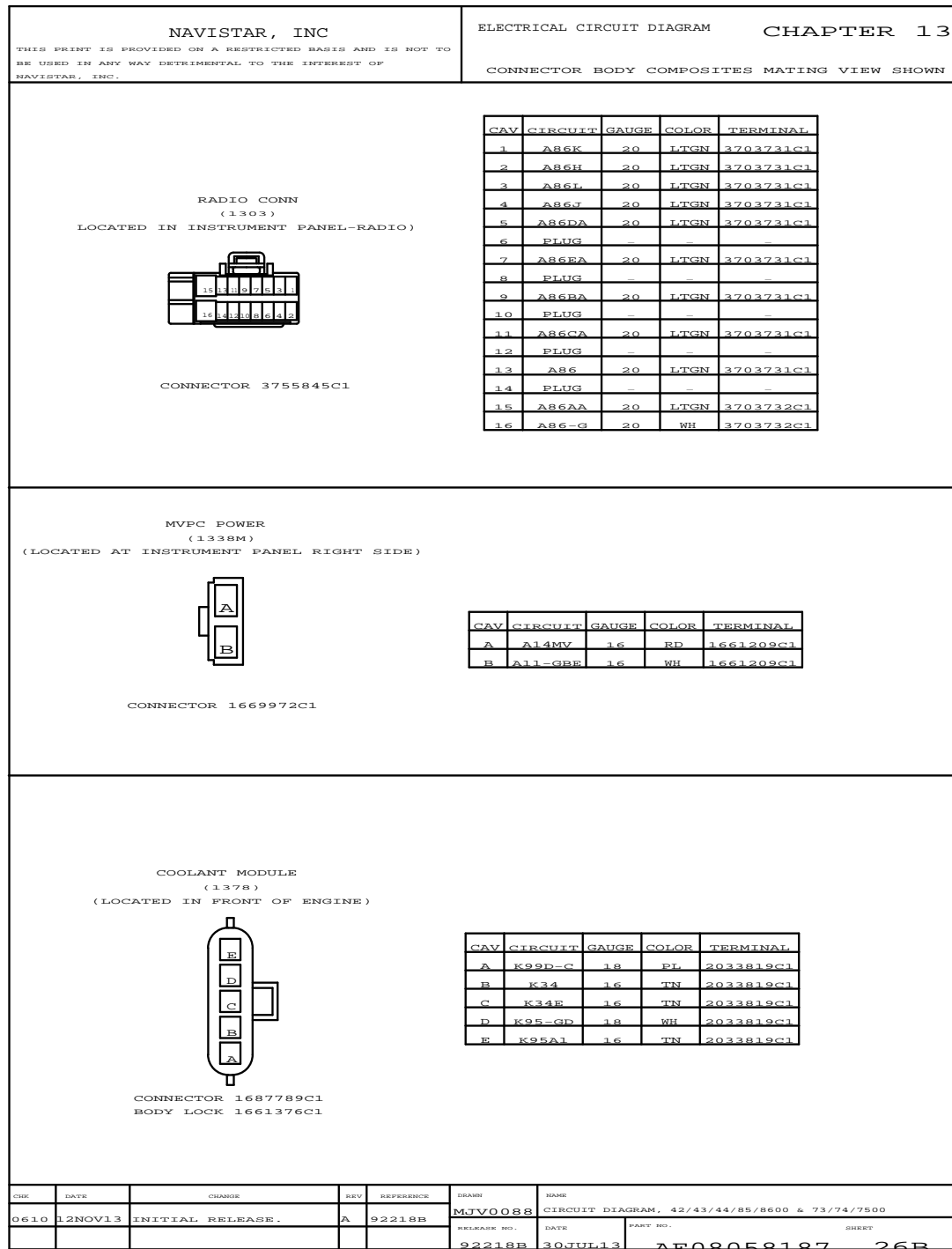


Figure 577 Connector Composites (1303), (1338M), (1378)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.61. CONNECTOR COMPOSITES (1400), (1401), P. 27

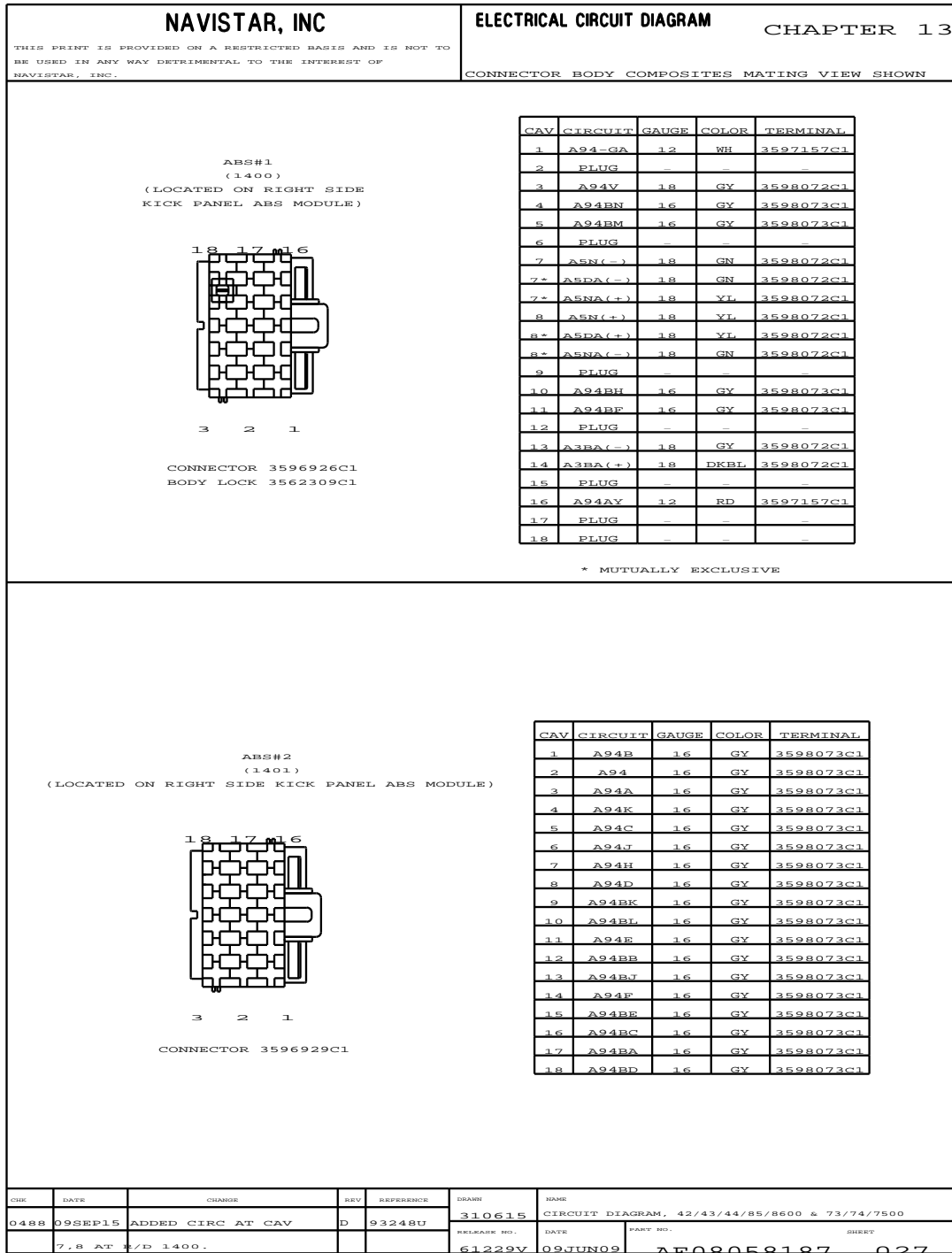


Figure 578 Connector Composites (1400), (1401)

13.62. CONNECTOR COMPOSITES (1402), P. 27A

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

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CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

ABS# 3
(1402)

(LOCATED ON RIGHT SIDE KICK
PANEL ABS MODULE)

CONNECTOR 3596928C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	PLUG	-	-	-
2	A94AA	16	GY	3598073C1
2*	A94AA	14	GY	3598073C1
3*	A94AB	16	GY	3598073C1
3*	A94AC	16	GY	3598073C1
3*	A94SK	16	GY	3598073C1
3*	A94SK	18	GY	3598072C1
3*	A95AB	14	GY	3598073C1
4	A94BP	16	GY	3598073C1
5	A94SJ	18	GY	3598072C1
5*	A94SJ	16	GY	3598073C1
6	A94BY	16	GY	3598073C1
7*	A94LA	18	GY	3598072C1
7*	A94BZ	16	GY	3598073C1
8	PLUG	-	-	-
9*	A94LB	18	GY	3598072C1
9*	A94BT	16	GY	3598073C1
10*	A94LC	18	GY	3598072C1
10*	A94BU	16	GY	3598073C1
11*	A94LD	18	GY	3598072C1
11*	A94BR	16	GY	3598073C1
12*	A94LF	18	GY	3598072C1
12*	A94BW	16	GY	3598073C1
13	A94BS	16	GY	3598073C1
14*	A94LE	18	GY	3598072C1
14*	A94BQ	16	GY	3598073C1
15*	A94LG	18	GY	3598072C1
15*	A94BV	16	GY	3598073C1

* MUTUALLY EXCLUSIVE
% W/AIR BRAKE W/HSA
& ABS W/RSP & ESP & M-NGV-RH-HDD

CHG	DATE	CHANGE	REV	REFERENCE	DRWG	NAME
0488	25JUN14	ADDED CIRC A94AA,	B	92603H	MJV0088	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
		A95AB & A94SJ TO CAV 2, 3 & 5	RES	P.	92218B	30JUL13
						AE08058187 27A

Figure 579 Connector Composites (1402)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.63. CONNECTOR COMPOSITES (1403), (1410), P. 28

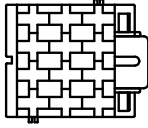
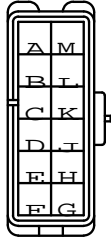
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																																				
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<p style="text-align: center;">ABS #4 (1403) (LOCATED AT RIGHT SIDE KICK PANEL ABS MODULE)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR 3596927C1</p>					<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1*</td><td>A94SZD</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>1*</td><td>A94SZ</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>1*</td><td>A94SZD</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>2*</td><td>A94SE</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>2*</td><td>A94SE</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>3*</td><td>A94SH</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>3*</td><td>A94SH</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>4*</td><td>A94SVD</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>4*</td><td>A94SV</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>4*</td><td>A94VSD</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>5*</td><td>A94SF</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>5*</td><td>A94SF</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>6*</td><td>A94SL</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>6*</td><td>A94SL</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>7</td><td>A94SDA</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>8</td><td>A94SBA</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>9*</td><td>A94SM</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>9*</td><td>A94SM</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>10</td><td>A94SCA</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>11</td><td>A94SAA</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>12*</td><td>A94SN</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>12*</td><td>A94SN</td><td>18</td><td>GY</td><td>3598072C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">* MUTUALLY EXCLUSIVE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1*	A94SZD	16	GY	3598073C1	1*	A94SZ	18	GY	3598072C1	1*	A94SZD	18	GY	3598072C1	2*	A94SE	16	GY	3598073C1	2*	A94SE	18	GY	3598072C1	3*	A94SH	16	GY	3598073C1	3*	A94SH	18	GY	3598072C1	4*	A94SVD	16	GY	3598073C1	4*	A94SV	18	GY	3598072C1	4*	A94VSD	18	GY	3598072C1	5*	A94SF	16	GY	3598073C1	5*	A94SF	18	GY	3598072C1	6*	A94SL	16	GY	3598073C1	6*	A94SL	18	GY	3598072C1	7	A94SDA	18	GY	3598072C1	8	A94SBA	18	GY	3598072C1	9*	A94SM	16	GY	3598073C1	9*	A94SM	18	GY	3598072C1	10	A94SCA	18	GY	3598072C1	11	A94SAA	18	GY	3598072C1	12*	A94SN	16	GY	3598073C1	12*	A94SN	18	GY	3598072C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																																							
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1*	A94SZ	18	GY	3598072C1																																																																																																																							
1*	A94SZD	18	GY	3598072C1																																																																																																																							
2*	A94SE	16	GY	3598073C1																																																																																																																							
2*	A94SE	18	GY	3598072C1																																																																																																																							
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3*	A94SH	18	GY	3598072C1																																																																																																																							
4*	A94SVD	16	GY	3598073C1																																																																																																																							
4*	A94SV	18	GY	3598072C1																																																																																																																							
4*	A94VSD	18	GY	3598072C1																																																																																																																							
5*	A94SF	16	GY	3598073C1																																																																																																																							
5*	A94SF	18	GY	3598072C1																																																																																																																							
6*	A94SL	16	GY	3598073C1																																																																																																																							
6*	A94SL	18	GY	3598072C1																																																																																																																							
7	A94SDA	18	GY	3598072C1																																																																																																																							
8	A94SBA	18	GY	3598072C1																																																																																																																							
9*	A94SM	16	GY	3598073C1																																																																																																																							
9*	A94SM	18	GY	3598072C1																																																																																																																							
10	A94SCA	18	GY	3598072C1																																																																																																																							
11	A94SAA	18	GY	3598072C1																																																																																																																							
12*	A94SN	16	GY	3598073C1																																																																																																																							
12*	A94SN	18	GY	3598072C1																																																																																																																							
<p style="text-align: center;">ABS ESP / RSP ADAPTER (1410) (LOCATED IN INSTRUMENT PANEL CENTER)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR 3601838C1 BODY LOCK 3601839C1</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>A94SAA</td><td>18</td><td>GY</td><td>3534164C1</td></tr> <tr><td>B</td><td>A94SAB</td><td>18</td><td>GY</td><td>3534164C1</td></tr> <tr><td>C*</td><td>A94SA</td><td>20</td><td>GY</td><td>3535484C1</td></tr> <tr><td>C*</td><td>A94SA</td><td>18</td><td>GY</td><td>3534164C1</td></tr> <tr><td>D</td><td>A94SCA</td><td>18</td><td>GY</td><td>3534164C1</td></tr> <tr><td>E</td><td>A94SCB</td><td>18</td><td>GY</td><td>3534164C1</td></tr> <tr><td>E*</td><td>A94SC</td><td>20</td><td>GY</td><td>3535484C1</td></tr> <tr><td>E*</td><td>A94SC</td><td>18</td><td>GY</td><td>3534164C1</td></tr> <tr><td>G</td><td>A94SBA</td><td>18</td><td>GY</td><td>3534164C1</td></tr> <tr><td>H</td><td>A94SBB</td><td>18</td><td>GY</td><td>3534164C1</td></tr> <tr><td>J*</td><td>A94SB</td><td>20</td><td>GY</td><td>3535484C1</td></tr> <tr><td>J*</td><td>A94SB</td><td>18</td><td>GY</td><td>3534164C1</td></tr> <tr><td>K</td><td>A94SDA</td><td>18</td><td>GY</td><td>3534164C1</td></tr> <tr><td>L</td><td>A94SDB</td><td>18</td><td>GY</td><td>3534164C1</td></tr> <tr><td>M*</td><td>A94SD</td><td>20</td><td>GY</td><td>3535484C1</td></tr> <tr><td>M*</td><td>A94SD</td><td>18</td><td>GY</td><td>3534164C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">* MUTUALLY EXCLUSIVE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A94SAA	18	GY	3534164C1	B	A94SAB	18	GY	3534164C1	C*	A94SA	20	GY	3535484C1	C*	A94SA	18	GY	3534164C1	D	A94SCA	18	GY	3534164C1	E	A94SCB	18	GY	3534164C1	E*	A94SC	20	GY	3535484C1	E*	A94SC	18	GY	3534164C1	G	A94SBA	18	GY	3534164C1	H	A94SBB	18	GY	3534164C1	J*	A94SB	20	GY	3535484C1	J*	A94SB	18	GY	3534164C1	K	A94SDA	18	GY	3534164C1	L	A94SDB	18	GY	3534164C1	M*	A94SD	20	GY	3535484C1	M*	A94SD	18	GY	3534164C1																														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																																							
A	A94SAA	18	GY	3534164C1																																																																																																																							
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K	A94SDA	18	GY	3534164C1																																																																																																																							
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																																																					
0610	12NOV13	ADDED BODY LOCK FOR	C	92218B	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																																																																					
R/D	1410				61229V	09JUN09	PART NO.	SHEET																																																																																																																			
						AE08058187 028																																																																																																																					

Figure 580 Connector Composites (1403), (1410)

13.64. CONNECTOR COMPOSITES (1420), (1421), P. 29

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

WABCO ABS CONN
(1420)

(LOCATED ON RIGHT SIDE KICK PANEL ABS MODULE)

3 2 1

CONNECTOR 3557922C1
BODY LOCK 3549120C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A5N(-)	18	GN	3548971C1
1*	A5EA(-)	18	GN	3548971C1
1*	A5NB(-)	18	GN	3548971C1
2	PLUG	-	-	-
3	A5N(+)	18	YL	3548971C1
3*	A5EA(+)	18	YL	3548971C1
3*	A5NB(+)	18	YL	3548971C1
4	A94A-G1	18	WH	3548971C1
5	PLUG	-	-	-
6	PLUG	-	-	-
7	A94V	14	GY	3548972C1
8	A94AY	14	GY	3548972C1
9	A94A-G2	16	WH	3548970C1
10	A3BA(-)	18	GY	3548971C1
11	A3BA(+)	18	DKBL	3548971C1
12	PLUG	-	-	-
13	PLUG	-	-	-
14	PLUG	-	-	-
15	PLUG	-	-	-

* MUTUALLY EXCLUSIVE

WABCO ABS CONN
(1421)

(LOCATED ON RIGHT SIDE KICK PANEL ABS MODULE)

3 2 1

CONNECTOR 3557921C1
BODY LOCK 3562309C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A94AK	14	GY	3548972C1
2*	A94A	18	GY	3548971C1
2*	A94WR	18	GY	3548971C1
2%	A94WR	14	GY	3548972C1
3	A94AB	18	GY	3548971C1
3%	A94AB	14	GY	3548972C1
4	A94AH	18	GY	3548971C1
4%	A94AH	14	GY	3548972C1
5*	A94B	18	GY	3548971C1
5*	A94WN	18	GY	3548971C1
5%	A94WN	14	GY	3548972C1
6	A94AL	18	GY	3548971C1
6%	A94AL	14	GY	3548972C1
7	A94WZ	18	GY	3548971C1
8*	A94C	18	GY	3548971C1
8*	A94WW	18	GY	3548971C1
8%	A94WW	14	GY	3548972C1
9*	A94D	18	GY	3548971C1
9*	A94WU	18	GY	3548971C1
9%	A94WU	14	GY	3548972C1
10	A94AE	18	GY	3548971C1
11*	A94E	18	GY	3548971C1
11*	A94WL	18	GY	3548971C1
12	A94AC	18	GY	3548971C1
13	A94AF	18	GY	3548971C1
14*	A94F	18	GY	3548971C1
14*	A94WM	18	GY	3548971C1
15	A94AD	18	GY	3548971C1
16	A94WX	18	GY	3548971C1
17*	A94G	18	GY	3548971C1
17*	A94WS	18	GY	3548971C1
18*	A94H	18	GY	3548971C1
18*	A94WT	18	GY	3548971C1

* MUTUALLY EXCLUSIVE
% BRAKE W/ WABCO

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
0488	09SEP15	ADDED CIRC AT CAV	F	93248U	310615			
	1,3 AT	1/D 1420.			61229V	09JUN09	AE08058187	029

Figure 581 Connector Composites (1420), (1421)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.65. CONNECTOR COMPOSITES (1422), (1423), (1500), P. 29A

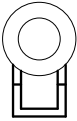
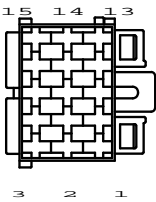
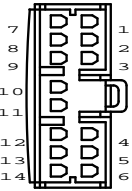
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																					
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<p>DCM BRAKES (1422) (LOCATED IN CAB)</p>  <p>CONNECTOR 1669834C1 BODY LOCK 1675053C1</p>				<table border="1" style="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>A12A</td><td>16</td><td>LTBL</td><td>2033911C1</td></tr></tbody></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A12A	16	LTBL	2033911C1																																																																																										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																							
A	A12A	16	LTBL	2033911C1																																																																																																							
<p>WABCO ABS CONN (1423) (LOCATED ON RIGHT SIDE KICK PANEL ABS MODULE)</p>  <p>CONNECTOR 3548978C1 BODY LOCK 3549120C1</p> <p style="font-size: x-small;">* - W/ BRAKE - WABCO AIR ABC/AIR ATC</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>PLUG</td><td>-</td><td>-</td><td>-</td></tr><tr><td>2</td><td>A94WM</td><td>18</td><td>GY</td><td>3548971C1</td></tr><tr><td>3</td><td>A94WR</td><td>18</td><td>GY</td><td>3548971C1</td></tr><tr><td>3*</td><td>A94WR</td><td>14</td><td>GY</td><td>3548972C1</td></tr><tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr><tr><td>5</td><td>A94WL</td><td>18</td><td>GY</td><td>3548971C1</td></tr><tr><td>6</td><td>A94WN</td><td>18</td><td>GY</td><td>3548971C1</td></tr><tr><td>6*</td><td>A94WN</td><td>14</td><td>GY</td><td>3548972C1</td></tr><tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr><tr><td>8</td><td>PLUG</td><td>-</td><td>-</td><td>-</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><tr><td>11</td><td>A94WS</td><td>18</td><td>GY</td><td>3548971C1</td></tr><tr><td>12</td><td>A94WW</td><td>18</td><td>GY</td><td>3548971C1</td></tr><tr><td>12*</td><td>A94WW</td><td>14</td><td>GY</td><td>3548972C1</td></tr><tr><td>13</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr><tr><td>14</td><td>A94WT</td><td>18</td><td>GY</td><td>3548971C1</td></tr><tr><td>15</td><td>A94WU</td><td>18</td><td>GY</td><td>3548971C1</td></tr><tr><td>15*</td><td>A94WU</td><td>14</td><td>GY</td><td>3548972C1</td></tr></tbody></table>				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
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																							
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9	PLUG	-	-	-																																																																																																							
10	PLUG	-	-	-																																																																																																							
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12*	A94WW	14	GY	3548972C1																																																																																																							
13	PLUG	-	-	-																																																																																																							
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<p>CLUSTER CONNECTOR (1500) (LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p>CONNECTOR 3548792C1</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>A28-G</td><td>16</td><td>WH</td><td>2018639C1</td></tr><tr><td>2</td><td>A28</td><td>16</td><td>TN</td><td>2018639C1</td></tr><tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr><tr><td>4</td><td>A62</td><td>18</td><td>DKBL</td><td>2018639C1</td></tr><tr><td>*5</td><td>A62DA</td><td>18</td><td>DKBL</td><td>2018639C1</td></tr><tr><td>*5</td><td>A62BD</td><td>18</td><td>DKBL</td><td>2018639C1</td></tr><tr><td>*6</td><td>A62P</td><td>18</td><td>DKBL</td><td>2018639C1</td></tr><tr><td>*6</td><td>A62BE</td><td>18</td><td>GY</td><td>2018639C1</td></tr><tr><td>7</td><td>A28A</td><td>18</td><td>TN</td><td>2018639C1</td></tr><tr><td>8</td><td>A110AD</td><td>18</td><td>GY</td><td>2018639C1</td></tr><tr><td>9</td><td>A72CA</td><td>18</td><td>OR</td><td>2018639C1</td></tr><tr><td>10</td><td>A72D</td><td>18</td><td>OR</td><td>2018639C1</td></tr><tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr><tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr><tr><td>13</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr><tr><td>14</td><td>A52C</td><td>20</td><td>YL</td><td>2018639C1</td></tr></tbody></table>				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															
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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.																																																																																																				
					92218B	30JUL13	AE08058187 29A																																																																																																				

Figure 582 Connector Composites (1422), (1423), (1500)

13.66. CONNECTOR COMPOSITES (1501), P. 30

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

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

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

CLUSTER CONNECTOR (1501)
(LOCATED IN INSTRUMENT PANEL CENTER)

CONNECTOR 2018590C1

* MUTUALLY EXCLUSIVE
W/ 15B ENGINE

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A110B	18	GY	2018639C1
2*	A106B	18	GY	2018639C1
2*	A106	18	GY	2018639C1
3	PLUG	-	-	-
4	A110C	18	GY	2018639C1
5	PLUG	-	-	-
6	PLUG	-	-	-
7	A61B	18	GY	2018639C1
8	A61	18	GY	2018639C1
9	A41	18	GY	2018639C1
10	A50	20	YL	2018639C1
11*	A50(-)	18	GN	2018639C1
11*	A50N(-)	18	GN	2018639C1
11#	A50J(-)	18	GN	2018639C1
12*	A50N(+)	18	YL	2018639C1
12*	A50(+)	18	YL	2018639C1
12#	A50J(+)	18	YL	2018639C1

TRANSMISSION MODULE 1
(1501)
(LOCATED ON TRANSMISSION)

CONNECTOR 2018589C1

* W/ALLISON GEN5 3000/3500 TRANSMISSION IN CAB & AUTO NEUTRAL (13AAZ)
W/ALLISON GEN5 3000/3500 TRANSMISSION IN CAB
@ W/16 2010 SCR ENGINE
% W/MXP13L SCR ENGINE

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	K92#101	18	LTBL	2018639C1
2	K92#103	18	YL	2018639C1
3#	K92#105	18	TN	2018639C1
3#	K92#105	18	OR	2018639C1
4#	K92#109	18	GY	2018639C1
4#	K92#109	18	WH	2018639C1
4#	K92C109	18	GY	2018639C1
5#	K92#110	18	PK	2018639C1
5#	K92A110	18	YL	2018639C1
5#	K92B110	18	GY	2018639C1
5#	K92#110	18	RD	2018639C1
6*	K92A117	18	TN	2018639C1
6#	K92#117	18	TN	2018639C1
6#	K92#120	18	LTBL	2018639C1
6#	K92#117	18	LTBL	2018639C1
7#	K92#122	18	YL	2018639C1
7#	K92#180	18	YL	2018639C1
8#	K92#123	18	LTBL	2018639C1
8#	K92#123	18	LTGN	2018639C1
8#	K47#125	18	TN	2018639C1
9#	K92#115	18	WH	2018639C1
9#	K48#139	18	OR	2018639C1
10#	K92#130	18	WH	2018639C1
10#	K48#159	18	TN	2018639C1
11#	K92#134	18	TN	2018639C1
11#	K92#142	18	WH	2018639C1
11#	K92#134	18	YL	2018639C1
12#	K92#141	18	TN	2018639C1
12#	K92A141	18	WH	2018639C1
12#	K92#143	18	LTBL	2018639C1
13#	K92#143	18	LTBL	2018639C1
13#	K92#150	18	PK	2018639C1
14#	K92#145	18	OR	2018639C1
14#	K47#140	18	LTGN	2018639C1
15#	K92#119	18	LTBL	2018639C1
15#	K47#160	18	YL	2018639C1
16#	K92#124	18	TN	2018639C1
16#	K92#163	18	YL	2018639C1
16#	K92#124	18	WH	2018639C1
17#	K92#162	18	YL	2018639C1
17#	K92#165	18	TN	2018639C1
18#	K92#163	18	TN	2018639C1
18#	K92#169	18	YL	2018639C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME			
0488	24MAR15	REVISED AND REDRAWN.	3	92927M	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500			
					RELEASE NO.	DATE	PART NO.	SHEET	
					61229V	09JUN09	AE08058187	030	

Figure 583 Connector Composites (1501)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.67. CONNECTOR COMPOSITES (1502), P. 30A

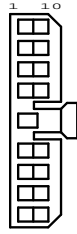
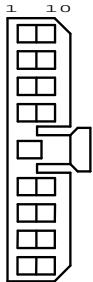
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																																																																																																																																																																																																											
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TRANSMISSION MODULE 2 (1502) (LOCATED ON TRANSMISSION)				<table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr><tr><td>1</td><td>K92#164</td><td>18</td><td>LTBL</td><td>3717171C1</td></tr><tr><td>2</td><td>K92#165</td><td>18</td><td>TN</td><td>3717171C1</td></tr><tr><td>3</td><td>K92#169</td><td>18</td><td>TN</td><td>3717171C1</td></tr><tr><td>4</td><td>K92#170</td><td>18</td><td>TN</td><td>3717171C1</td></tr><tr><td>5</td><td>K92#111</td><td>18</td><td>OR</td><td>3717171C1</td></tr><tr><td>6</td><td>K92#112</td><td>18</td><td>TN</td><td>3717171C1</td></tr><tr><td>7</td><td>K92#116</td><td>18</td><td>LTBL</td><td>3717171C1</td></tr><tr><td>8</td><td>K92#177</td><td>18</td><td>LTGN</td><td>3717171C1</td></tr><tr><td>9</td><td>K92#131</td><td>18</td><td>YL</td><td>3717171C1</td></tr><tr><td>10</td><td>K92#133</td><td>18</td><td>YL</td><td>3717171C1</td></tr><tr><td>11</td><td>K92#136</td><td>18</td><td>OR</td><td>3717171C1</td></tr><tr><td>12</td><td>K92#137</td><td>18</td><td>TN</td><td>3717171C1</td></tr><tr><td>13</td><td>K92#158</td><td>18</td><td>LTGN</td><td>3717171C1</td></tr><tr><td>14</td><td>K92#171</td><td>18</td><td>TN</td><td>3717171C1</td></tr><tr><td>15</td><td>K92#151</td><td>18</td><td>WH</td><td>3717171C1</td></tr><tr><td>16</td><td>K92#152</td><td>18</td><td>LTGN</td><td>3717171C1</td></tr><tr><td>17</td><td>K92#154</td><td>18</td><td>TN</td><td>3717171C1</td></tr></table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K92#164	18	LTBL	3717171C1	2	K92#165	18	TN	3717171C1	3	K92#169	18	TN	3717171C1	4	K92#170	18	TN	3717171C1	5	K92#111	18	OR	3717171C1	6	K92#112	18	TN	3717171C1	7	K92#116	18	LTBL	3717171C1	8	K92#177	18	LTGN	3717171C1	9	K92#131	18	YL	3717171C1	10	K92#133	18	YL	3717171C1	11	K92#136	18	OR	3717171C1	12	K92#137	18	TN	3717171C1	13	K92#158	18	LTGN	3717171C1	14	K92#171	18	TN	3717171C1	15	K92#151	18	WH	3717171C1	16	K92#152	18	LTGN	3717171C1	17	K92#154	18	TN	3717171C1																																																																																																														
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* 2000 XMSN W/TCM LOCATION INSIDE CAB W/ RSM UC BATT BOX ** WTEC MD, STANDARD W/GEN4 IN CAB W/MID/HIGH CAB # ALLISON LCT W/GEN4 IN CAB, W/BODY BUILDER W/MID/HIGH CAB ## CLEAN POWER FEED, 3/4000 XMSN W/TCM LOCATION INSIDE CAB W/ RSM UC BATT BOX @ ALLISON LCT GEN4 W/6TH GEAR IN CAB W/LOW CAB & WTEC MD, W/RETARDER HWRD W/GEN4 IN CAB W/MID/HIGH CAB % ALLISON LCT W/GEN4 IN CAB, N/BODY BUILDER W/MID/HIGH CAB && W/I6 2010 SCR ENGINE																																																																																																																																																																																																																			
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Figure 584 Connector Composites (1502)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.68. CONNECTOR COMPOSITES (1503), (1510), P. 30B

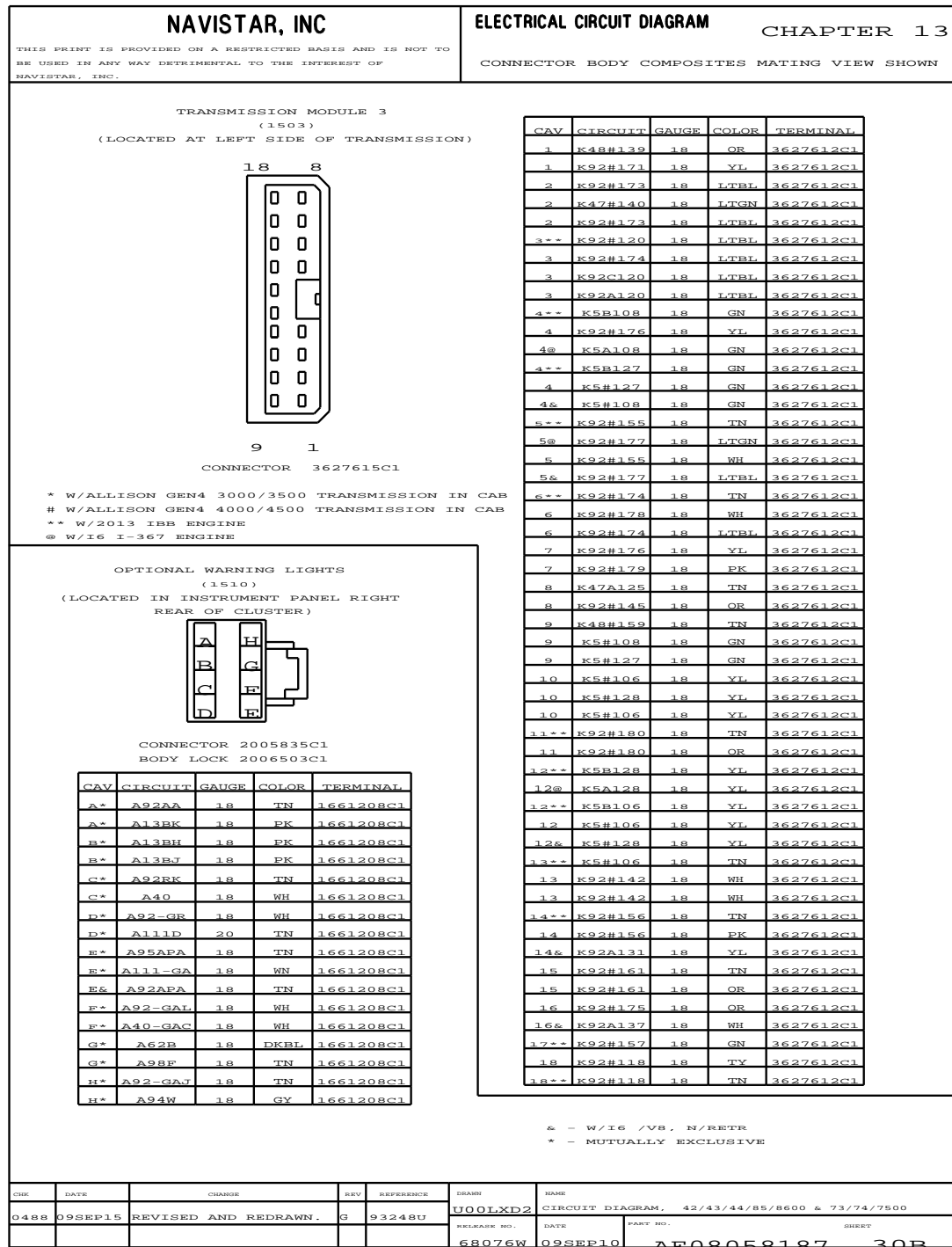


Figure 585 Connector Composites (1503), (1510)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.69. CONNECTOR COMPOSITES (1511), (1512), (1559), P. 30C

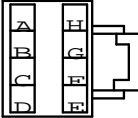
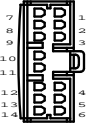

NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																																									
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																																																																																											
<p>OPTIONAL WARNING LIGHTS (1511) (LOCATED IN INSTRUMENT PANEL LEFT REAR OF CLUSTER)</p>  <p>CONNECTOR 2005835C1 BODY LOCK 2006503C1</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>A23DB</td><td>18</td><td>TN</td><td>1661208C1</td></tr> <tr><td>A*</td><td>A94AM</td><td>16</td><td>GY</td><td>1661209C1</td></tr> <tr><td>A&</td><td>A28RW</td><td>18</td><td>TN</td><td>1661208C1</td></tr> <tr><td>B</td><td>A13BD</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>C</td><td>A13BE</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>D</td><td>A13BG</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>E</td><td>A49A</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>F</td><td>A42</td><td>16</td><td>GY</td><td>1661209C1</td></tr> <tr><td>G</td><td>A49</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>H*</td><td>A94TA</td><td>12</td><td>YL</td><td>3566715C1</td></tr> <tr><td>H*</td><td>A23C</td><td>18</td><td>TN</td><td>1661208C1</td></tr> <tr><td>H&</td><td>A28NX</td><td>18</td><td>TN</td><td>1661208C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">* MUTUALLY EXCLUSIVE & W/ TRAILER AUX ABS</p>									CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A*	A23DB	18	TN	1661208C1	A*	A94AM	16	GY	1661209C1	A&	A28RW	18	TN	1661208C1	B	A13BD	18	PK	1661208C1	C	A13BE	18	PK	1661208C1	D	A13BG	18	PK	1661208C1	E	A49A	18	GY	1661208C1	F	A42	16	GY	1661209C1	G	A49	18	GY	1661208C1	H*	A94TA	12	YL	3566715C1	H*	A23C	18	TN	1661208C1	H&	A28NX	18	TN	1661208C1																																																							
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Figure 586 Connector Composites (1511), (1512), (1559)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.70. CONNECTOR COMPOSITES (1600), P. 31

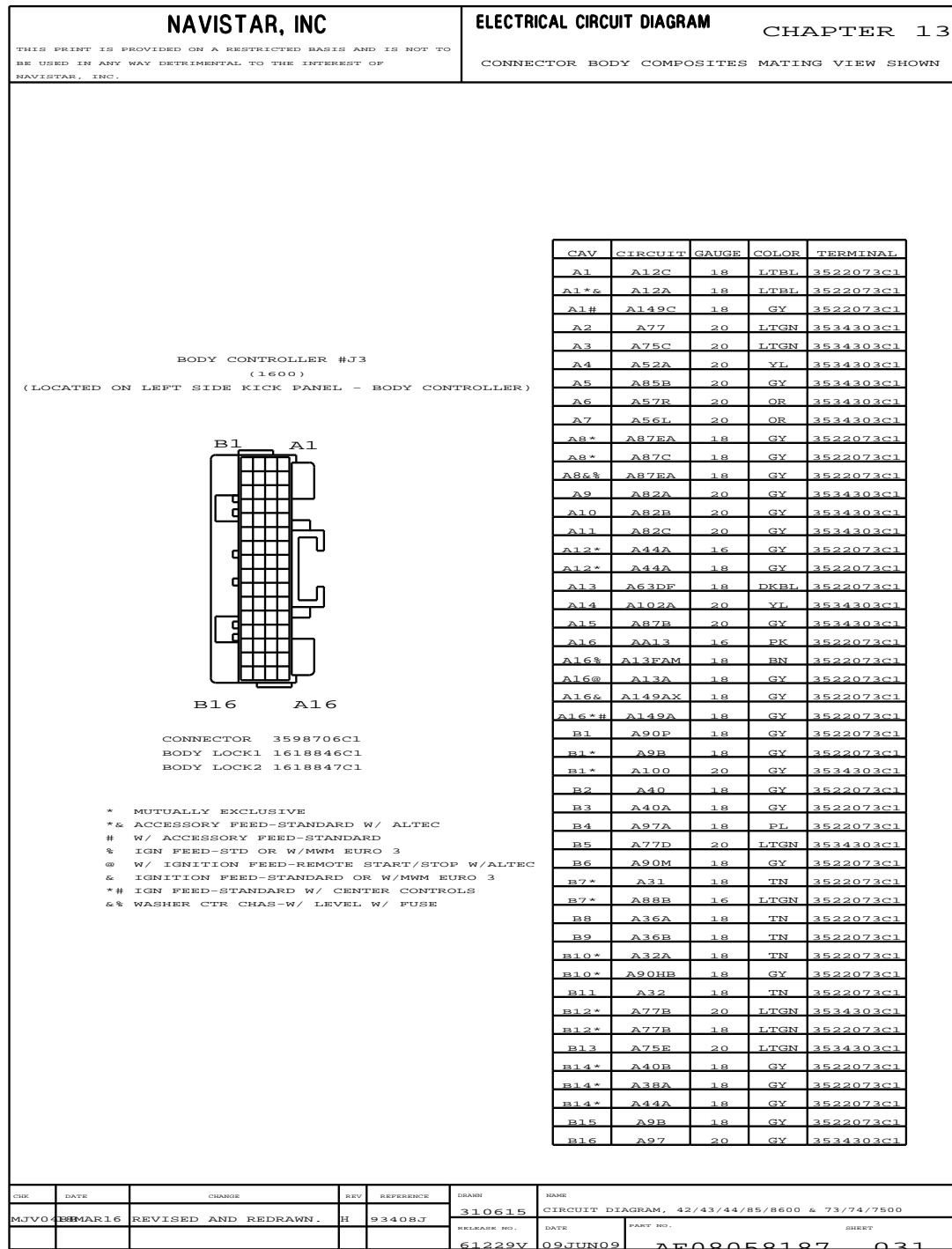


Figure 587 Connector Composites (1600)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.71. CONNECTOR COMPOSITES (1601), P. 32

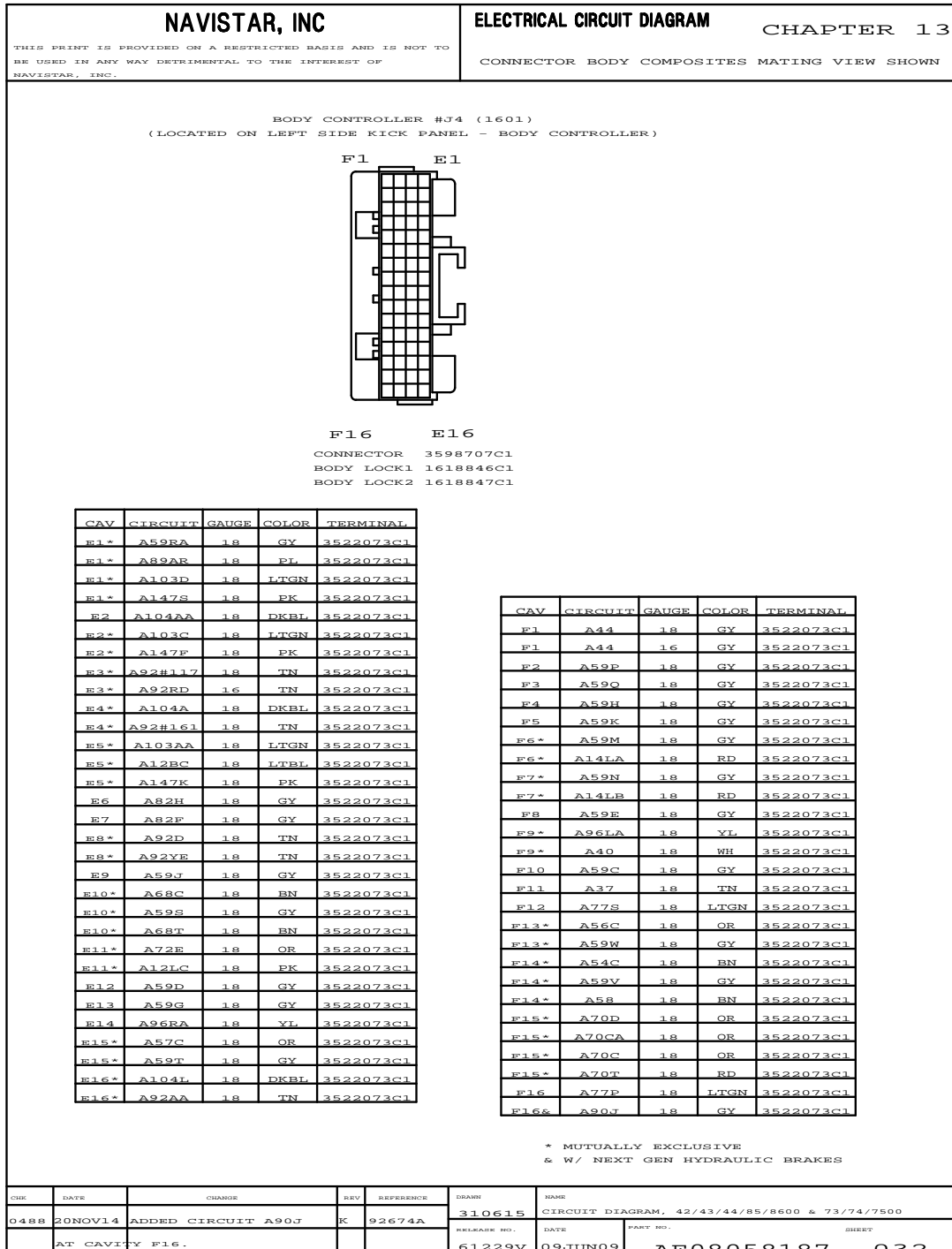


Figure 588 Connector Composites (1601)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.72. CONNECTOR COMPOSITES (1602), P. 33

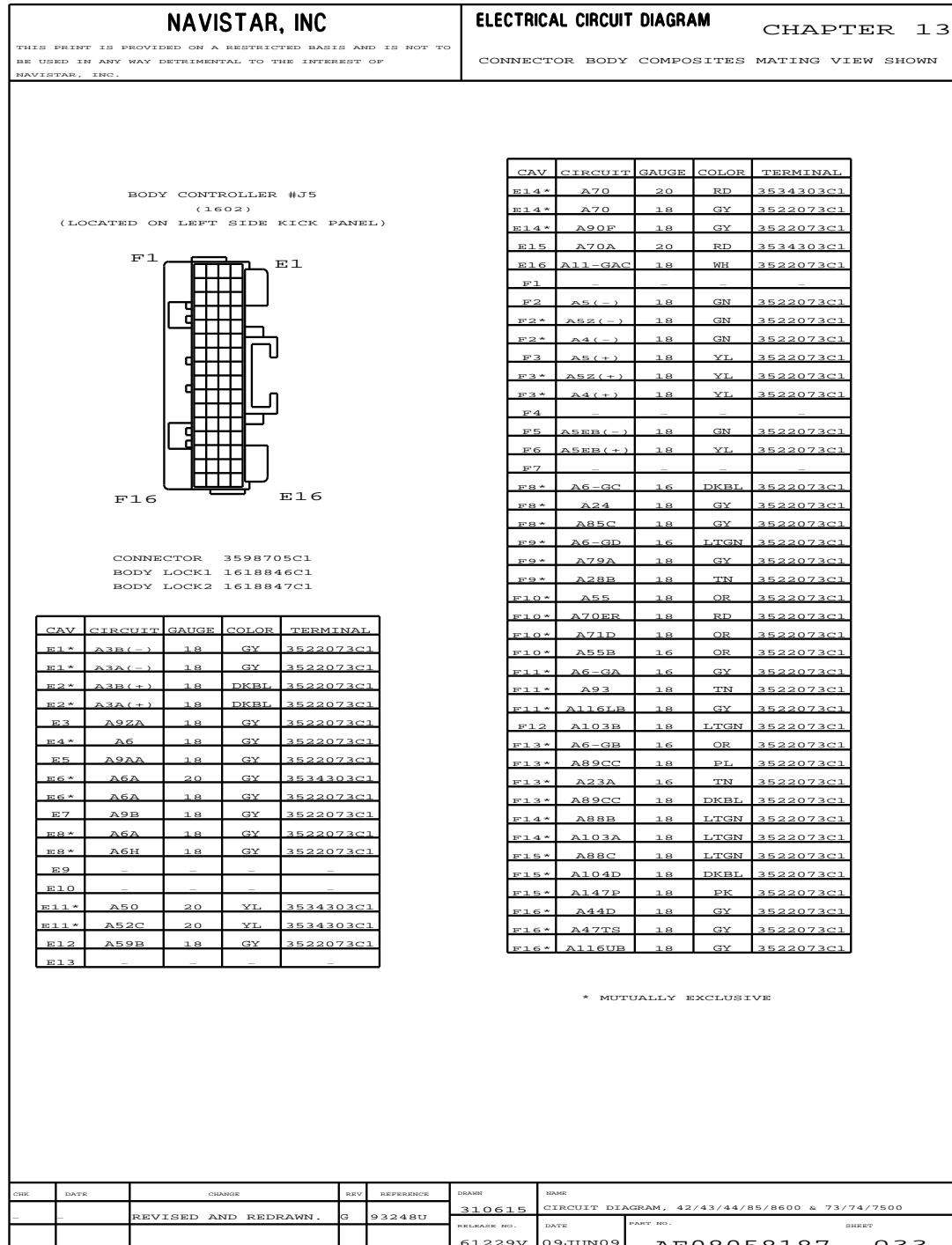


Figure 589 Connector Composites (1602)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.73. CONNECTOR COMPOSITES (1603), (1604), (1606), P. 34

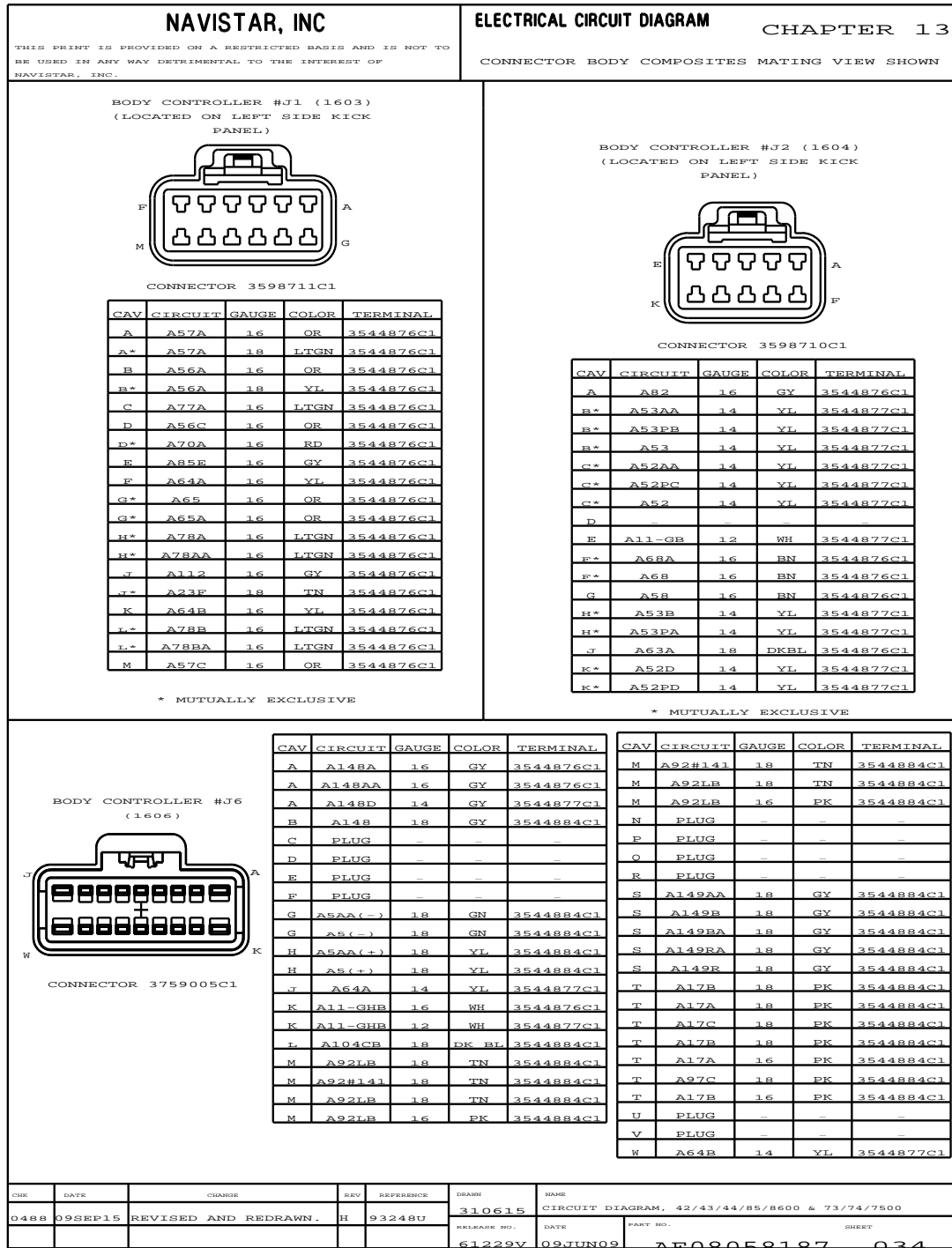


Figure 590 Connector Composites (1603), (1604), (1606)

13.74. CONNECTOR COMPOSITES (1607), (1625), (1626), P. 35

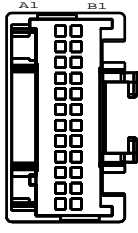
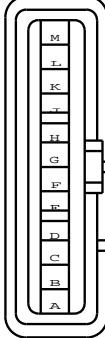

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																																									
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Figure 591 Connector Composites (1607), (1625), (1626)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.75. CONNECTOR COMPOSITES (1650), (1657), (1657M), P. 35A

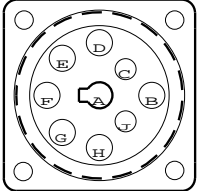
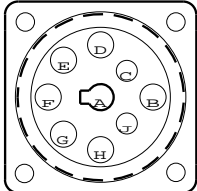


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92218B				30JUL13	AE08058187		35A																																																																						

Figure 592 Connector Composites (1650), (1657), (1657M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.76. CONNECTOR COMPOSITES (1658), (1658M), (1660), (1661), P. 36

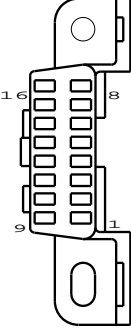
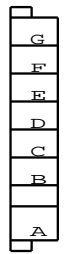

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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center; font-weight: bold;">J1708 PUBLIC (-) (1661) (LOCATED IN INSTRUMENT PANEL LEFT SIDE)</p>  <p style="text-align: center; font-size: 8px;">CONNECTOR 2006789C1 BODY LOCK 2006792C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A3BB(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>B</td><td>A3AC(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>C*</td><td>A3M(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>C*</td><td>A3C(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>D</td><td>A3CE(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>E*</td><td>A3AB(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>E*</td><td>A3BD(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>F*</td><td>A3BE(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>F*</td><td>A3FD(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>F*</td><td>A3D(-)</td><td>20</td><td>GY</td><td>1661208C1</td></tr> <tr><td>G</td><td>A3BA(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: 8px;">* MUTUALLY EXCLUSIVE</p> </div> </div>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A3BB(-)	18	GY	1661208C1	B	A3AC(-)	18	GY	1661208C1	C*	A3M(-)	18	GY	1661208C1	C*	A3C(-)	18	GY	1661208C1	D	A3CE(-)	18	GY	1661208C1	E*	A3AB(-)	18	GY	1661208C1	E*	A3BD(-)	18	GY	1661208C1	F*	A3BE(-)	18	GY	1661208C1	F*	A3FD(-)	18	GY	1661208C1	F*	A3D(-)	20	GY	1661208C1	G	A3BA(-)	18	GY	1661208C1																									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																															
A	A3BB(-)	18	GY	1661208C1																																																																																															
B	A3AC(-)	18	GY	1661208C1																																																																																															
C*	A3M(-)	18	GY	1661208C1																																																																																															
C*	A3C(-)	18	GY	1661208C1																																																																																															
D	A3CE(-)	18	GY	1661208C1																																																																																															
E*	A3AB(-)	18	GY	1661208C1																																																																																															
E*	A3BD(-)	18	GY	1661208C1																																																																																															
F*	A3BE(-)	18	GY	1661208C1																																																																																															
F*	A3FD(-)	18	GY	1661208C1																																																																																															
F*	A3D(-)	20	GY	1661208C1																																																																																															
G	A3BA(-)	18	GY	1661208C1																																																																																															
CNC	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																													
0488	09SEP15	ADDED R/D 1658M.	F	93248U	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																																													
RELEASE NO.					DATE	PART NO.		SHEET																																																																																											
61229V					09JUN09	AE08058187		036																																																																																											

Figure 593 Connector Composites (1658), (1658M), (1660), (1661)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.77. CONNECTOR COMPOSITES (1700), P. 37

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

DASH HARNESS CONN/ FORWARD CHASSIS CONNECTOR
(1700)
(LOCATED ON DASH PANEL LEFT SIDE UPPER)

CONNECTOR 3595624C1

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	3595624C1
6	M19A	16	GY	3549416C1
7	M19B	16	GY	3549416C1
8	M53E	14	YL	3549416C1
9	M53F	14	YL	3549416C1
10	M52B	14	YL	3549416C1
11	M52E	14	YL	3549416C1
12*	M14LP	10	RD	3549415C1
12*	M103C	12	LTGN	3549415C1
12*	M14WB	12	RD	3549415C1
13*	M103D	12	LTGN	3549415C1
13*	M12BD	12	LTBL	3549415C1
14	M56B	16	OR	3549417C1
15	M57B	16	OR	3549417C1
16*	M41	18	GY	3549418C1
16*	M41	16	TN	3549417C1
17*	M22AA	18	TN	3549418C1
17*	M22AA	18	TN	3549418C1
18*	M67B	16	GY	3549417C1
18*	M9BB	18	GY	3549418C1
19*	M61	18	GY	3549418C1
19*	M87KA	16	GY	3549417C1
19*	M67C	16	GY	3549417C1
20*	M87BA	18	GY	3549418C1
20*	M106A	18	GY	3549418C1
20*	M94BY	16	GY	3549417C1
21	M85E	16	GY	3549417C1
22	M64A	16	YL	3549417C1
23	M64B	16	YL	3549417C1
24*	ML67C	16	VT	3549417C1
24*	MP94B	18	GY	3549418C1
24*	M94BF	16	GY	3549417C1
25*	M110AD	18	GY	3549418C1
25*	M110AD	16	GY	3549417C1
26*	M67D	16	VT	3549416C1
26*	M22-GA	16	TN	3549416C1

* MUTUALLY EXCLUSIVE

CHART CONTINUED ON SHEET 38

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
27*	M94	18	GY	3549418C1
27*	M9A	18	GY	3549418C1
27*	[M94AB]	14	BN	3549417C1
28*	M6A	18	GY	3549418C1
28*	M94A	18	GY	3549418C1
28*	[M94AA]	14	GN	3549417C1
29*	M40	18	GY	3549418C1
29*	M94B	18	GY	3549418C1
29*	[M94AL]	14	BL	3549417C1
30*	M94L+	18	BK	3549418C1
30*	M94C	18	GY	3549418C1
30*	[M94AC]	18	BN	3549418C1
31*	M94L-	18	BN	3549418C1
31*	MC94D	18	GY	3549418C1
31*	[M94AD]	18	BK	3549418C1
32*	M90H	16	GY	3549417C1
32*	M94E	18	GY	3549418C1
32*	[M94AE]	18	BN	3549418C1
33*	M94F	18	GY	3549418C1
33*	[M94AF]	18	BK	3549418C1
34*	M94BF	18	GY	3549418C1
34*	M94H	18	GY	3549418C1
34*	[M94AK]	14	BN	3549417C1
35*	M94R+	18	BK	3549418C1
35*	M94J	18	GY	3549418C1
35*	[M94AJ]	14	GN	3549417C1
36*	M94R-	18	BN	3549418C1
36*	M94K	18	GY	3549418C1
36*	[M94AH]	14	BL	3549417C1
37*	M94BY	16	GY	3549417C1
37*	M67A	16	VT	3549417C1
37*	M94A	18	GY	3549418C1
37*	M5A(+)	18	YL	3549418C1
38*	M10-GV	16	WH	3549418C1
38*	M67B	16	VT	3549417C1
38*	M94-GA6	16	WH	3549417C1
38*	M5A(-)	18	GN	3549418C1
38*	M94BZ	16	GY	3549417C1
39*	M73R	16	LTGN	3549417C1
39*	M94C	18	GY	3549418C1
39*	M94BT	16	GY	3549417C1
40*	M73M	16	LTGN	3549417C1
40*	M94D	18	GY	3549418C1
40*	M94BU	16	GY	3549417C1
41*	M73AF	16	LTGN	3549417C1
41*	M94-GA7	16	WH	3549417C1
41*	M94BS	16	GY	3549417C1
42	M94SBB	16	GY	3549417C1
43*	M104CC	18	DKBL	3549418C1
43*	M5A(+)	18	YL	3549418C1
43*	M67AA	18	PK	3549418C1
44*	M104CB	18	DKBL	3549418C1
44*	M67AB	16	PK	3549417C1
44*	M5A(-)	18	GN	3549418C1
45*	M94E	18	GY	3549418C1
45*	M94BR	16	GY	3549417C1
45*	M89CE	18	PL	3549418C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	DATE	PART NO.	SHEET
0610	12NOV13	REVISED AND REDRAWN.	C	92218B	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500			
					RELEASE NO.				
					61229V	09JUN09	AE08058187	037	

Figure 594 Connector Composites (1700)

13.78. CONNECTOR COMPOSITES (1700), P. 38

NAVISTAR, INC

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

CHART CONTINUED FROM SHEET 37

DASH HARNESS CONN/ FORWARD CHASSIS CONN
(1700)
(LOCATED ON DASH PANEL LEFT SIDE UPPER)

CONNECTOR 3595624C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
46*	M89AR	18	PK	3549418C1
46*	M94F	18	GY	3549418C1
46*	M94BO	16	GY	3549417C1
47*	M44Y	16	GY	3549417C1
47*	M44J	18	GY	3549418C1
47*	M67-GA	18	WH	3549418C1
47*	M67-GA	20	WH	3549418C1
48*	M92#103	18	TN	3549418C1
48*	M94G	18	GY	3549418C1
48*	M94BW	16	GY	3549417C1
48*	M77	18	BK	3549418C1
49*	M94H	18	GY	3549418C1
49*	M94BV	16	GY	3549417C1
49*	M92#101	18	TN	3549418C1
49*	M77A	18	BK	3549418C1
50*	M94SAB	16	GY	3549417C1
50*	M40A	14	GY	3549417C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
51	M94SDB	16	GY	3549416C1
52*	M6VDC	18	GY	3549418C1
52*	MTEM1	16	GY	3549417C1
53*	M9VA	18	GY	3549418C1
53*	MTEM2	16	GY	3549417C1
54*	MA1	18	GY	3549418C1
54*	MTEM3	16	GY	3549417C1
55*	MA2	18	GY	3549418C1
55*	MTEM4	16	GY	3549417C1
56*	MA3	18	GY	3549418C1
56*	MTEM5	16	GY	3549417C1
57*	MA4	18	GY	3549418C1
57*	MTEM6	16	GY	3549417C1
58*	MA5	18	GY	3549418C1
58*	MTEM7	16	GY	3549417C1
59*	M11-GM	18	GY	3549418C1
59*	MTEM8	16	GY	3549417C1
60	M94SCB	16	GY	3549417C1
61*	M41A	18	GY	3549418C1
61*	M44L	18	GY	3549418C1
61*	M41D	18	GY	3549418C1
62*	M41E	18	GY	3549418C1
62*	M41B	18	GY	3549418C1
63*	M78BC	16	LTGN	3549417C1
63*	M67D	16	GY	3549417C1
63*	M67AA	20	PK	3549418C1
64	M78AC	16	LTGN	3549416C1
65	M103M	12	LTGN	3549415C1
66	M103N	12	LTGN	3549415C1
67	M103P	12	LTGN	3549415C1
68*	M14T	10	RD	3549415C1
68*	M22-GA	16	TN	3549415C1
69	M94ST	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

* MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0610	12NOV13	REVISED AND REDRAWN.	C	92218B	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					61229V	09JUN09
						PART NO.
						AE08058187
						SHEET
						038

Figure 595 Connector Composites (1700)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.79. CONNECTOR COMPOSITES (1700), P. 38A

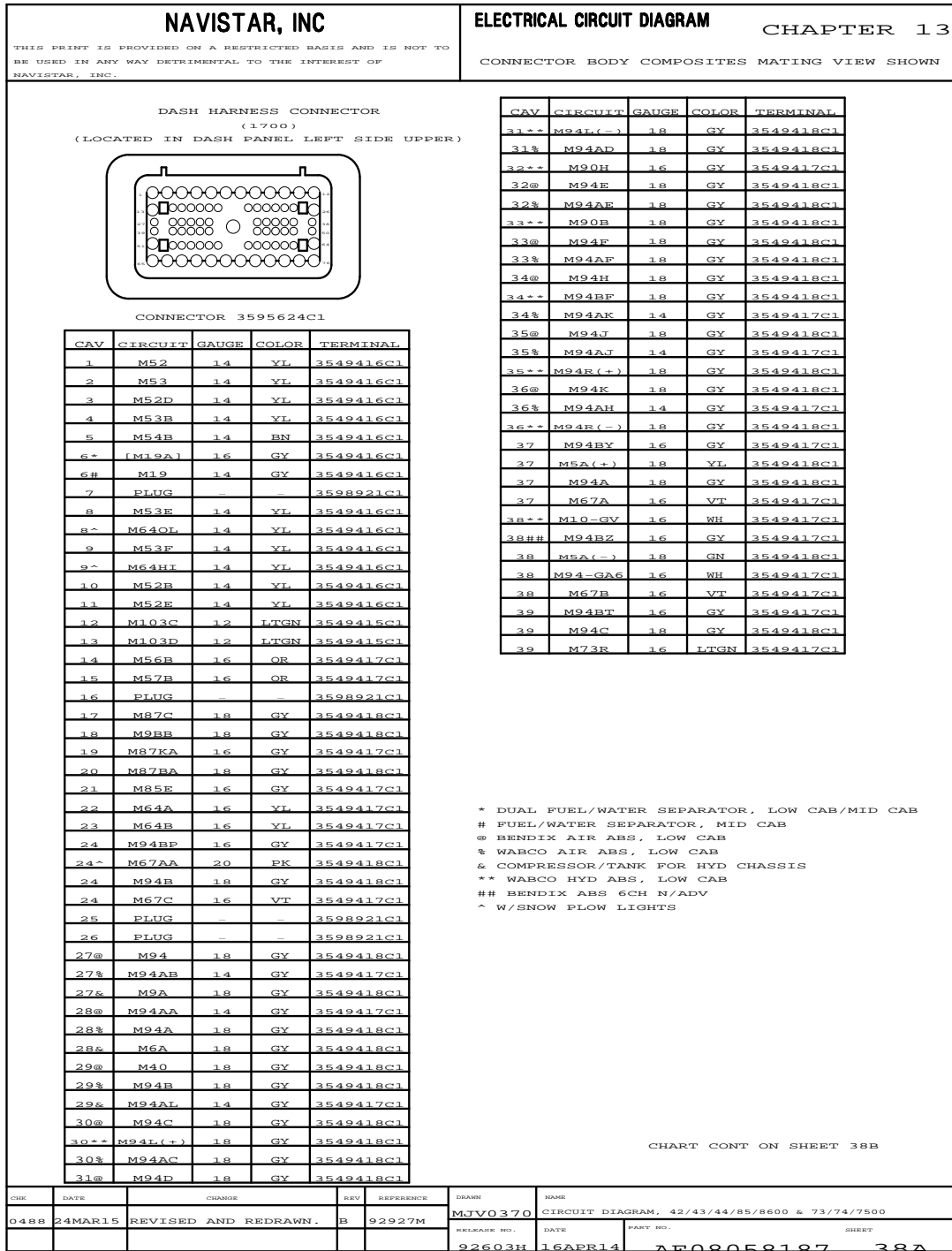


Figure 596 Connector Composites (1700)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.80. CONNECTOR COMPOSITES (1700), P. 38B

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

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

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

CHART CONT FROM SHEET 38A

DASH HARNESS CONNECTOR
(1700)

(LOCATED IN DASH PANEL LEFT SIDE UPPER)

CONNECTOR 3595624C1

- @@ WHEELCHAIR LIFT INTERLOCK
- % AUTO APPLY PARK BRAKE
- ^ W/SNOW PLOW LIGHTS
- *** BENDIX ABS 4CH W/ADV
- && ELEC COMPRESSOR FOR HYD CHASSIS
- ## BENDIX ABS 6CH N/ADV
- * W/COLLISION AVOIDANCE BENDIX WINGMAN & W/J1939 BACKBONE

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@@	M92H103	18	TN	3549418C1
48##	M94BW	16	GY	3549417C1
48	M77	18	BK	3549418C1
48	M94G	18	GY	3549418C1
49@@	M92H101	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	MTEMB	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	DRWN	NAME
0488	24MAR15	ADDED CIRC M5A(+)/(+) B	92927M		MJV0370	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					92603H	16APR14
						PART NO.
						AE08058187
						38B

Figure 597 Connector Composites (1700)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.81. CONNECTOR COMPOSITES (1700), P. 39

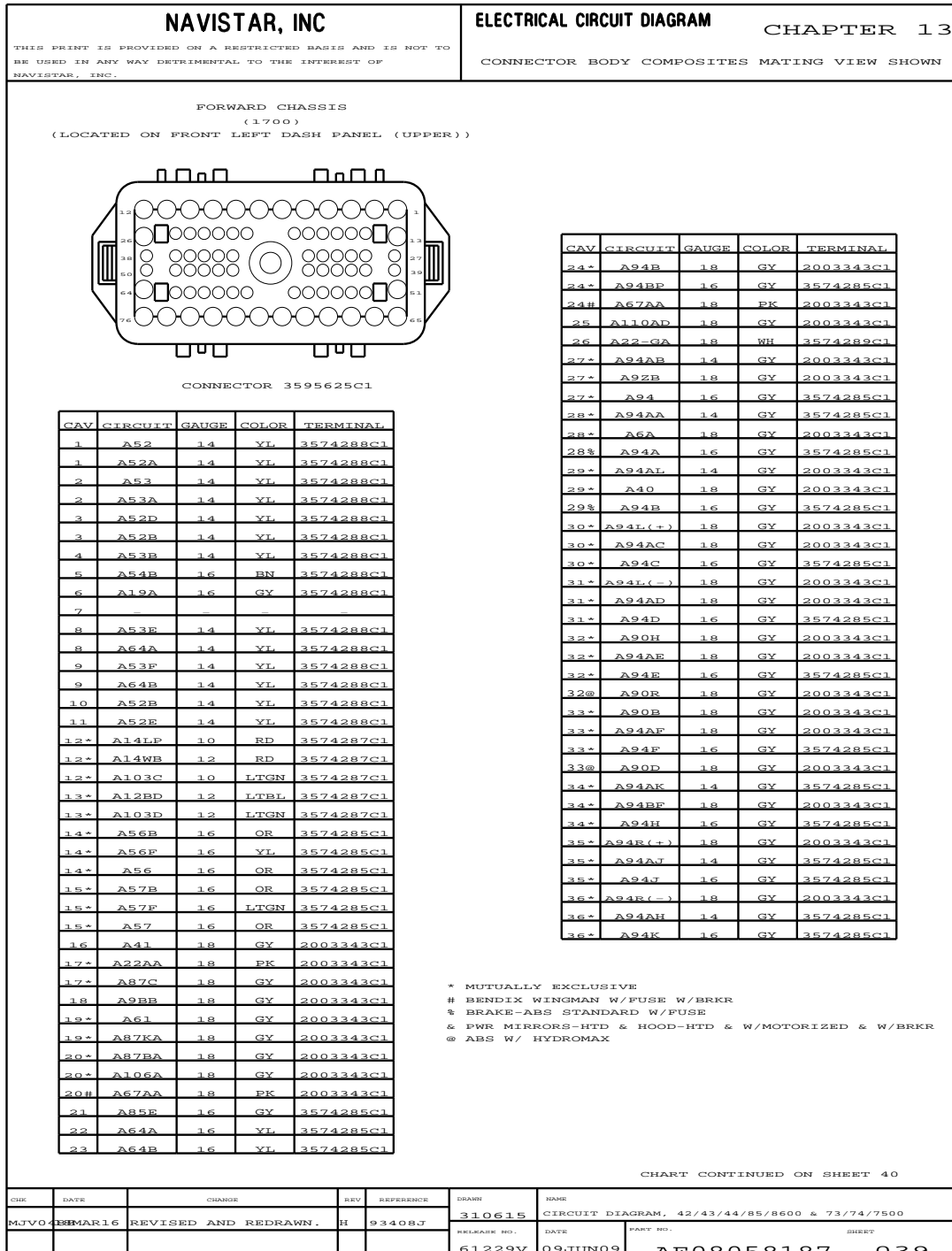


Figure 598 Connector Composites (1700)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.82. CONNECTOR COMPOSITES (1700), P. 40

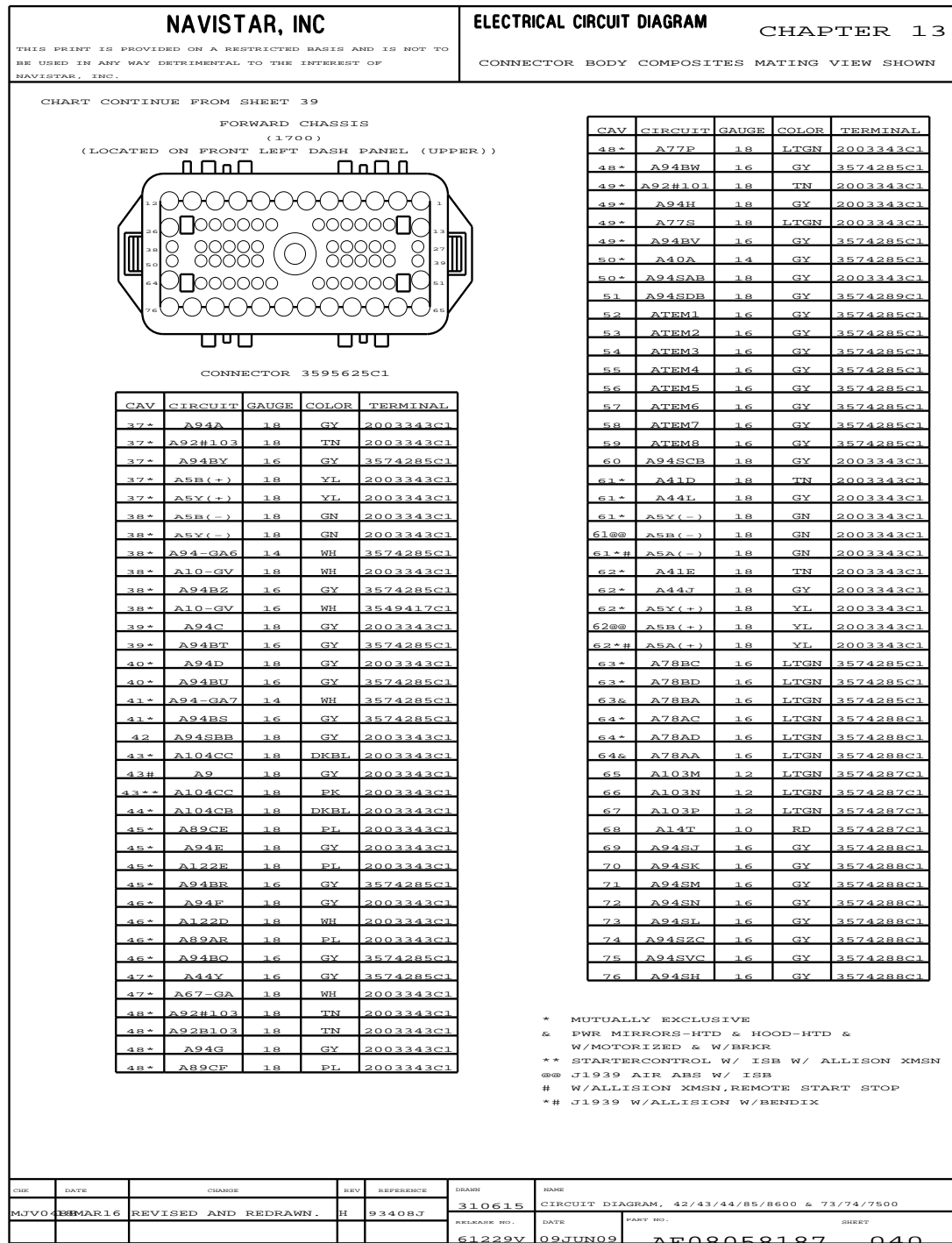


Figure 599 Connector Composites (1700)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.83. CONNECTOR COMPOSITES (1701), P. 41

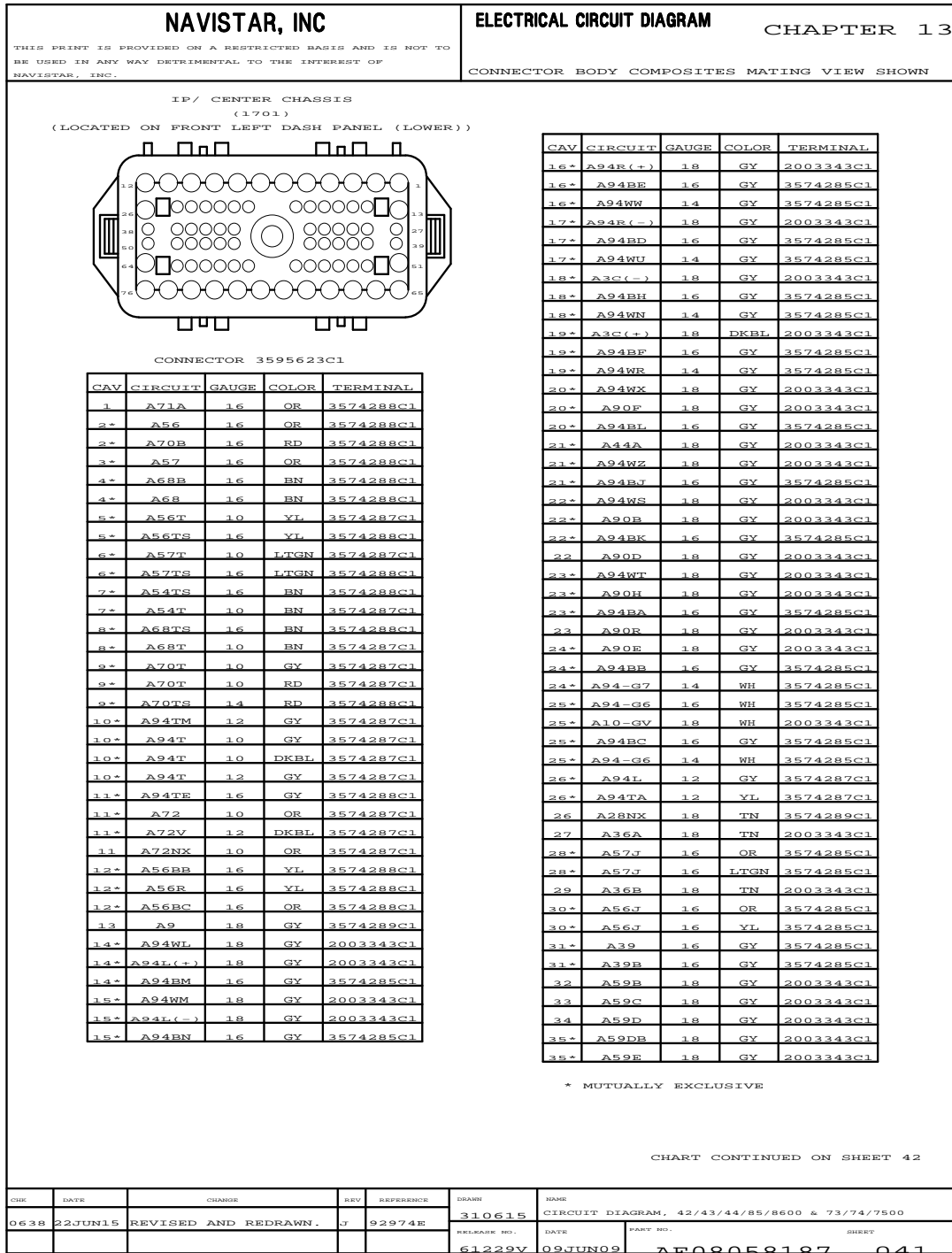


Figure 600 Connector Composites (1701)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.84. CONNECTOR COMPOSITES (1701), P. 42

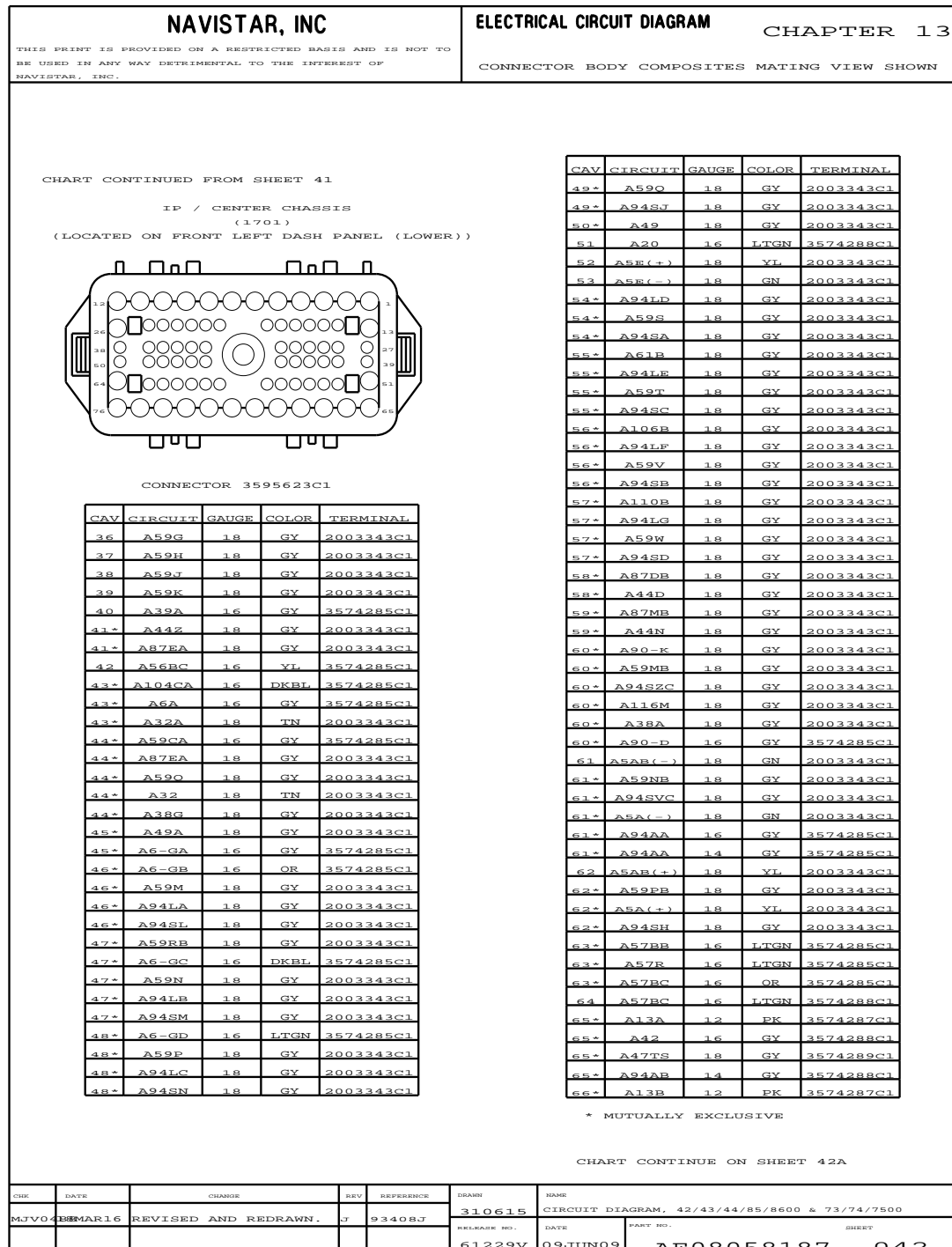


Figure 601 Connector Composites (1701)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.85. CONNECTOR COMPOSITES (1701), P. 42A

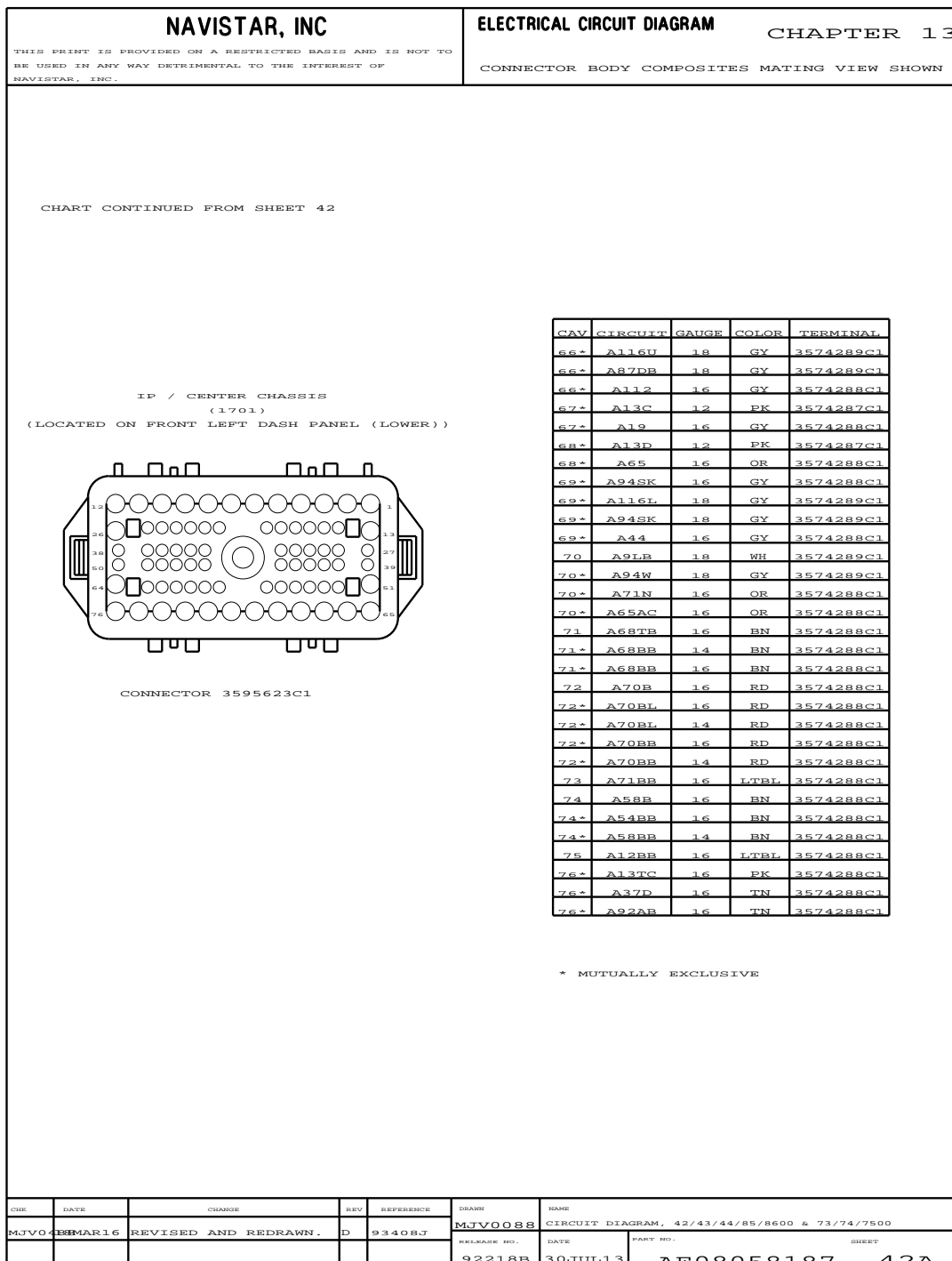


Figure 602 Connector Composites (1701)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.86. CONNECTOR COMPOSITES (1701F), P. 43

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

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CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

CONNECTOR TO DASH HARNESS / CENTER CHASSIS / IP
(1701F)
(LOCATED ON FRONT LEFT DASH PANEL (LOWER))

CONNECTOR 3595622C1

CAV	CIRC	GAUGE	COLOR	TERMINAL
1	N71A	14	OR	3549416C1
2	N56	14	OR	3549416C1
3	N57	14	OR	3549416C1
4	N68	14	BN	3549416C1
5*	N56T	10	YL	3549415C1
5#	N56D	10	YL	3549415C1
6*	N57T	10	LTGN	3549415C1
6#	N57D	10	LTGN	3549415C1
7#	N54D	10	BK	3549415C1
7*	N54T	10	BN	3549415C1
8#	N68D	10	BN	3549415C1
8*	N68T	10	BN	3549415C1
9#	N70D	10	RD	3549415C1
9*	N70T	10	RD	3549415C1
10#	N94T	10	DKBL	3549415C1
10*	N94T	10	GY	3549415C1
11*	N72	12	OR	3549415C1
11*	N72V	10	DKBL	3549415C1
11*	N72	10	OR	3549415C1
12	N56BB	16	YL	3549416C1
13	N9	16	GY	3549416C1
14*	N94BM	16	GY	3549417C1
14#	N94WL	16	GY	3549417C1
14#	N94L(+)	18	GY	3549418C1
14#	N94L(+)	18	TN	3549418C1
15*	N94BN	16	GY	3549417C1
15#	N94WM	16	GY	3549417C1
15#	N94L(-)	18	GY	3549418C1
15#	N94L(-)	18	TN	3549418C1
16*	N94BE	16	GY	3549417C1
16#	N94WW	14	GY	3549417C1
16#	N94B(+)	18	GY	3549418C1
16#	N94B(+)	18	TN	3549418C1
17*	N94BD	16	GY	3549417C1
17#	N94WU	16	GY	3549417C1
17#	N94B(-)	18	GY	3549418C1
17#	N94B(-)	18	TN	3549418C1
18*	N94BH	16	GY	3549417C1
18#	N94WN	14	GY	3549417C1
18#	N3C(-)	18	GY	3549418C1
19*	N94BF	16	GY	3549417C1
19#	N94WR	14	GY	3549417C1
19#	N3C(+)	18	DKBL	3549418C1
20*	N94BL	16	GY	3549417C1
20#	N94WX	18	GY	3549418C1
20#	N90F	18	GY	3549418C1
21*	N94BJ	16	GY	3549417C1

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

* MUTUALLY EXCLUSIVE

W/ IBB ENGINE

@ W/ CUMMINS ISB ENGINE

&& DUAL BOC TANK FOR MEDIUM CAB

& DUAL UNCAB TANK FOR HIGH CAB

% W/WABCO AIR ABS

** SOLENOID AIR, SPACK 6X4, W/FOS TANKS

NEXT GENERATION HYDRAULIC BRAKES

CHART CONTINUED ON SHEET 44

CHK	DATE	CHANGE	REV	REFERENCE	DATE	NAME
0488	24MAR15	REVISED AND REDRAWN.	K	92927M	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					61229V	09JUN09
						PART NO.
						AE08058187
						SHEET
						043

Figure 603 Connector Composites (1701F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.87. CONNECTOR COMPOSITES (1701F), P. 44

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

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

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

CHART CONTINUED FROM SHEET 43

CONNECTOR TO DASH HARNESS /
CENTER CHASSIS / IP
(1701F)
(LOCATED ON FRONT
LEFT DASH PANEL (LOWER))

CONNECTOR 3595622C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
43#	N32A	18	TN	3549418C1
43#	N104CA	16	DKBL	3549417C1
44*	N32A	18	TN	3549418C1
44#	N59CA	16	GY	3549417C1
45	N49A	18	GY	3549418C1
46*	N59M	18	GY	3549418C1
46*	N94SL	18	GY	3549418C1
47*	N59N	18	GY	3549418C1
47*	N94SM	18	GY	3549418C1
48*	N59P	18	GY	3549418C1
48*	N94SN	18	GY	3549418C1
49*	N59Q	18	GY	3549418C1
49*	N94SV	18	GY	3549418C1
50#	N49	18	GY	3549418C1
51	N20	16	LTGN	3549416C1
52	N5E(+)	18	YL	3549418C1
53	N5E(-)	18	GN	3549418C1
54*	N59S	18	GY	3549418C1
54*	N94SAB	18	GY	3549418C1
55*	N61B	18	GY	3549418C1
55*	N59T	18	GY	3549418C1
55*	N94SCB	18	GY	3549418C1
56*	N106B	18	GY	3549418C1
56*	N59V	18	GY	3549418C1
56*	N94SBB	18	GY	3549418C1
57*	N110B	18	GY	3549418C1
57*	N59W	18	GY	3549418C1
57*	N94SDB	18	GY	3549418C1
58*	N87DB	18	GY	3549418C1
58*	N44M	18	GY	3549418C1
58##	N87DA	16	GY	3549417C1
59#	N87MB	16	GY	3549417C1
59##	N87DB	16	GY	3549418C1
60*	N116M	18	GY	3549418C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
60*	N59ED	18	GY	3549418C1
60*	N59EF	18	GY	3549418C1
60*	N90K	18	GY	3549418C1
60##	N94SZC	18	GY	3549418C1
61*	N94AA	16	GY	3549417C1
61*	N59EC	18	GY	3549418C1
61*	N5A(-)	18	GN	3549418C1
61#	N5A(-)	18	YL	3549418C1
61##	N94SVC	18	GY	3549418C1
62*	N59ED	18	GY	3549418C1
62*	N5A(+)	18	YL	3549418C1
62#	N5A(+)	18	GN	3549418C1
62##	N94SH	18	GY	3549418C1
63	N57BB	16	LTGN	3549417C1
64	N57BC	16	LTGN	3549416C1
65*	N94AB	16	GY	3549416C1
65*	N42	16	GY	3549416C1
65*	N47TS	16	GY	3549416C1
66*	N116U	16	GY	3549416C1
66*	N112	16	GY	3549416C1
67	N19	16	GY	3549416C1
67^	N19A	16	GY	3549416C1
67^	N19B	16	GY	3549416C1
67^	N19C	16	GY	3549416C1
67^	N19D	16	GY	3549416C1
68	N65	16	OR	3549416C1
69*	N94SK	18	GY	3574277C1
69*	N116L	16	GY	3549416C1
69*	N94SK	18	GY	3549416C1
70*	N65C	16	OR	3549416C1
70*	N71N	16	OR	3549416C1
71	N68BB	14	BN	3549416C1
72	N70BB	14	RD	3549416C1
73	N71BB	16	LTBL	3549416C1
74	N54BB	14	BN	3549416C1
75	N12BB	14	LTBL	3549416C1
76#	N37D	16	TN	3549416C1
76#*	N37C	16	TN	3549418C1

* MUTUALLY EXCLUSIVE

W/ IBE ENGINE

@ W/ CUMMINS IBE ENGINE

%% BENDIX ABS ADVANCED W/MD N/TRUCK W/RSM EXH

WASHER PUMP & LEVEL SENSOR AND LOW/MID CAB

%*

W/DUAL UNCAB TANK

&

W/NEXT GENERATION HYDRAULIC BRAKES

^

W/FWS MOUNTING (RACOR)

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
0488	24MAR15	REVISED AND REDRAWN.	J	92927M	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500		
					RELEASE NO.	DATE	PART NO.	SHEET
					61229V	09JUN09	AE08058187	044

Figure 604 Connector Composites (1701F)

13.88. CONNECTOR COMPOSITES (1702), P. 45

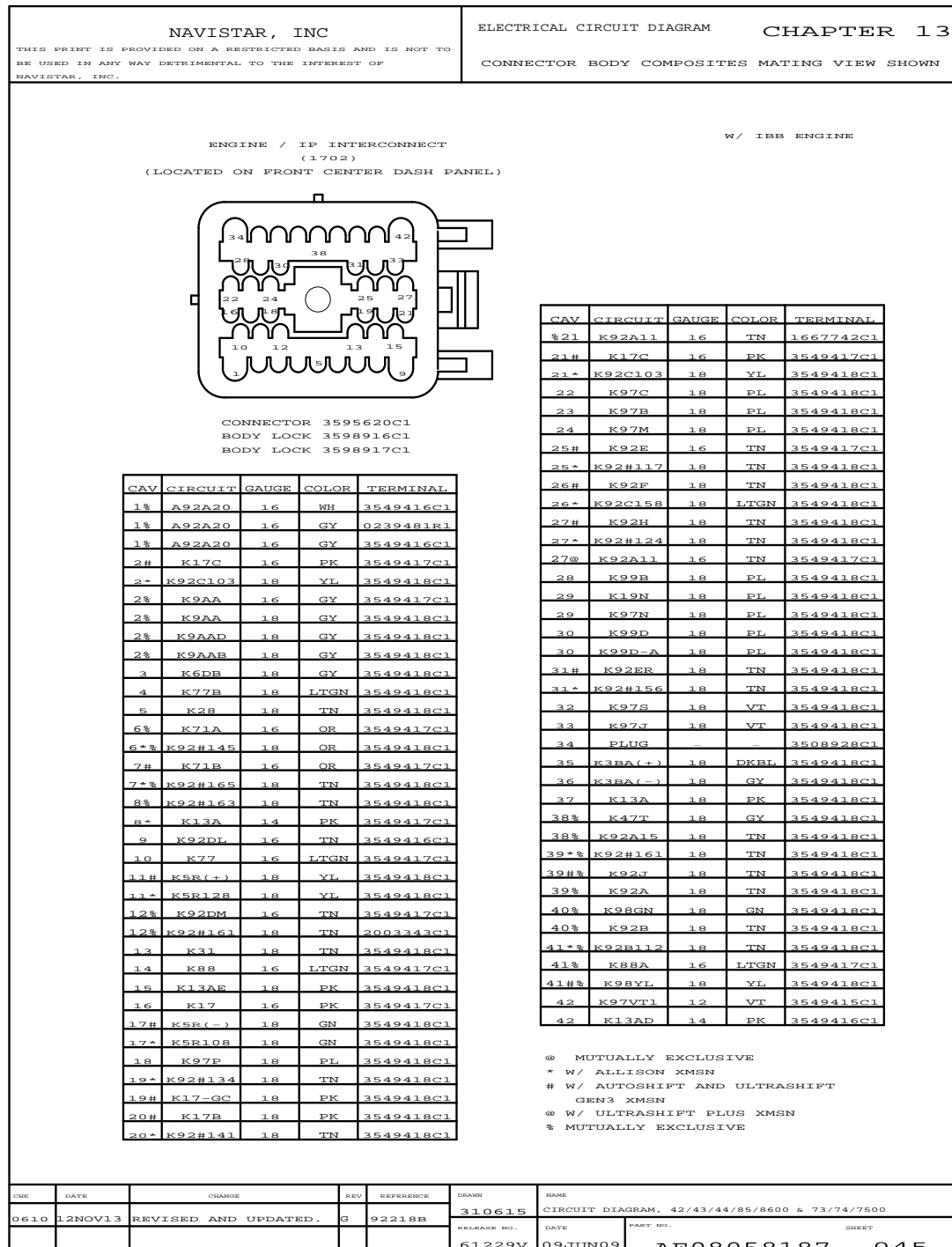


Figure 605 Connector Composites (1702)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.89. CONNECTOR COMPOSITES (1702), P. 46

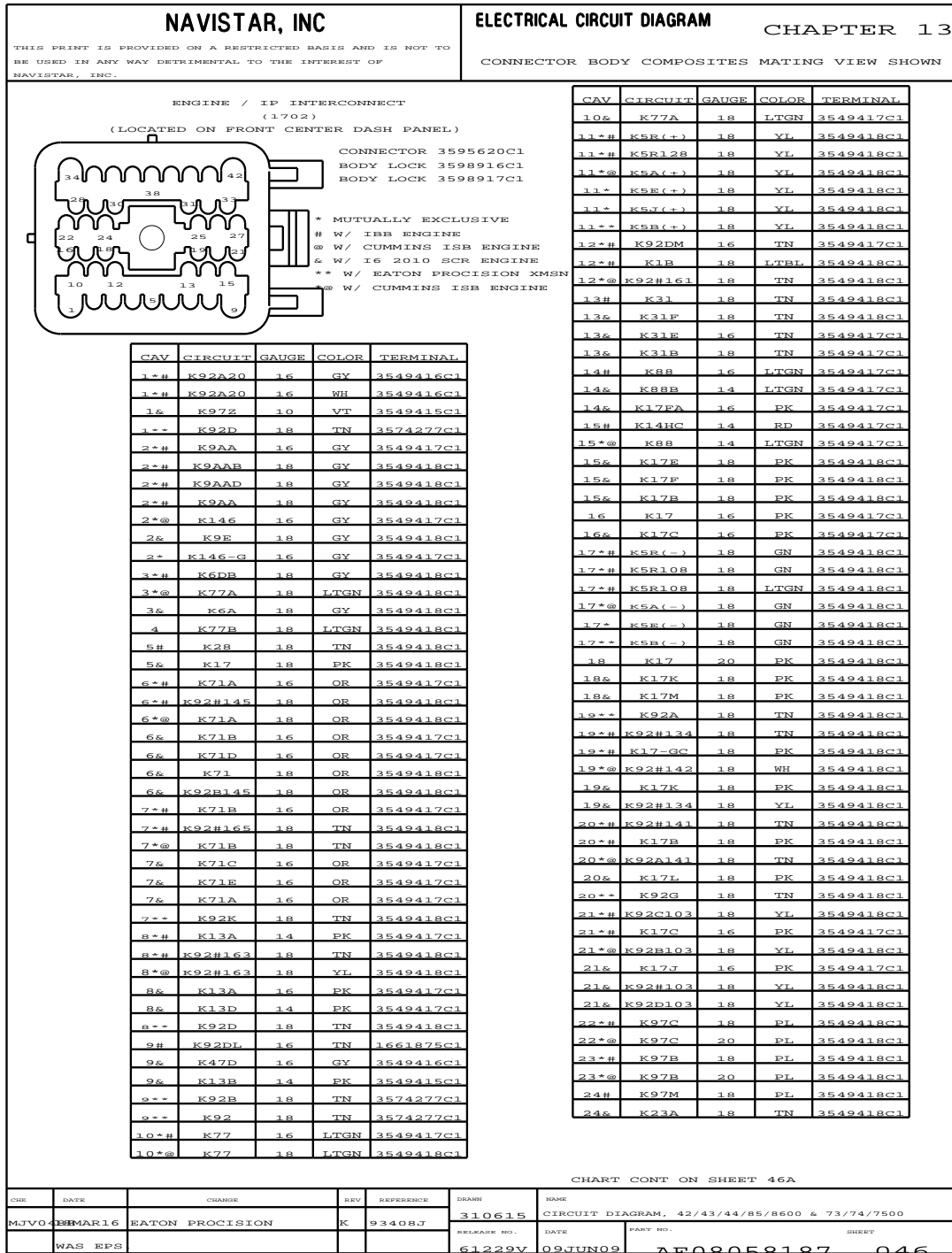


Figure 606 Connector Composites (1702)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.90. CONNECTOR COMPOSITES (1702), P. 46A

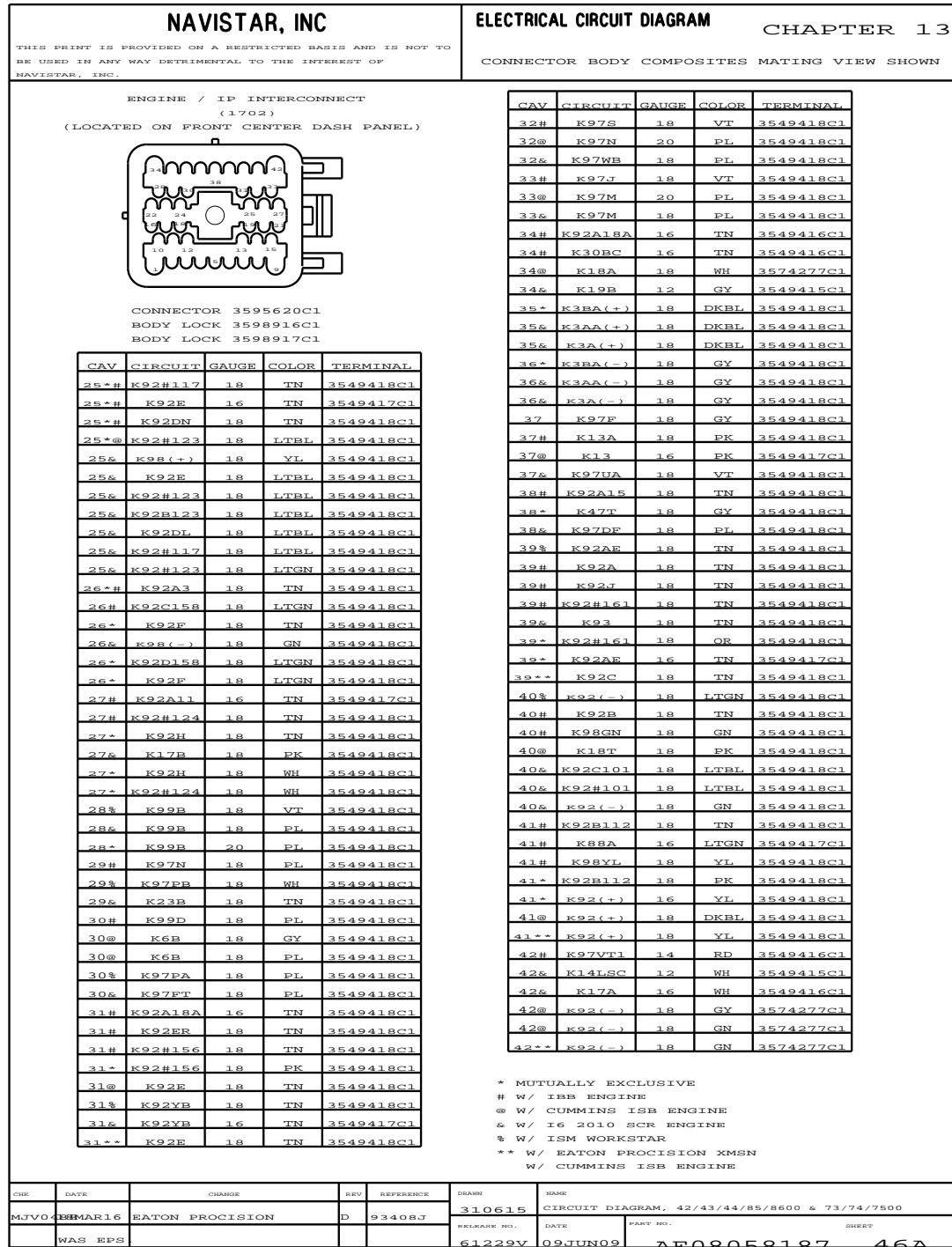


Figure 607 Connector Composites (1702)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.91. CONNECTOR COMPOSITES (1702), P. 46B

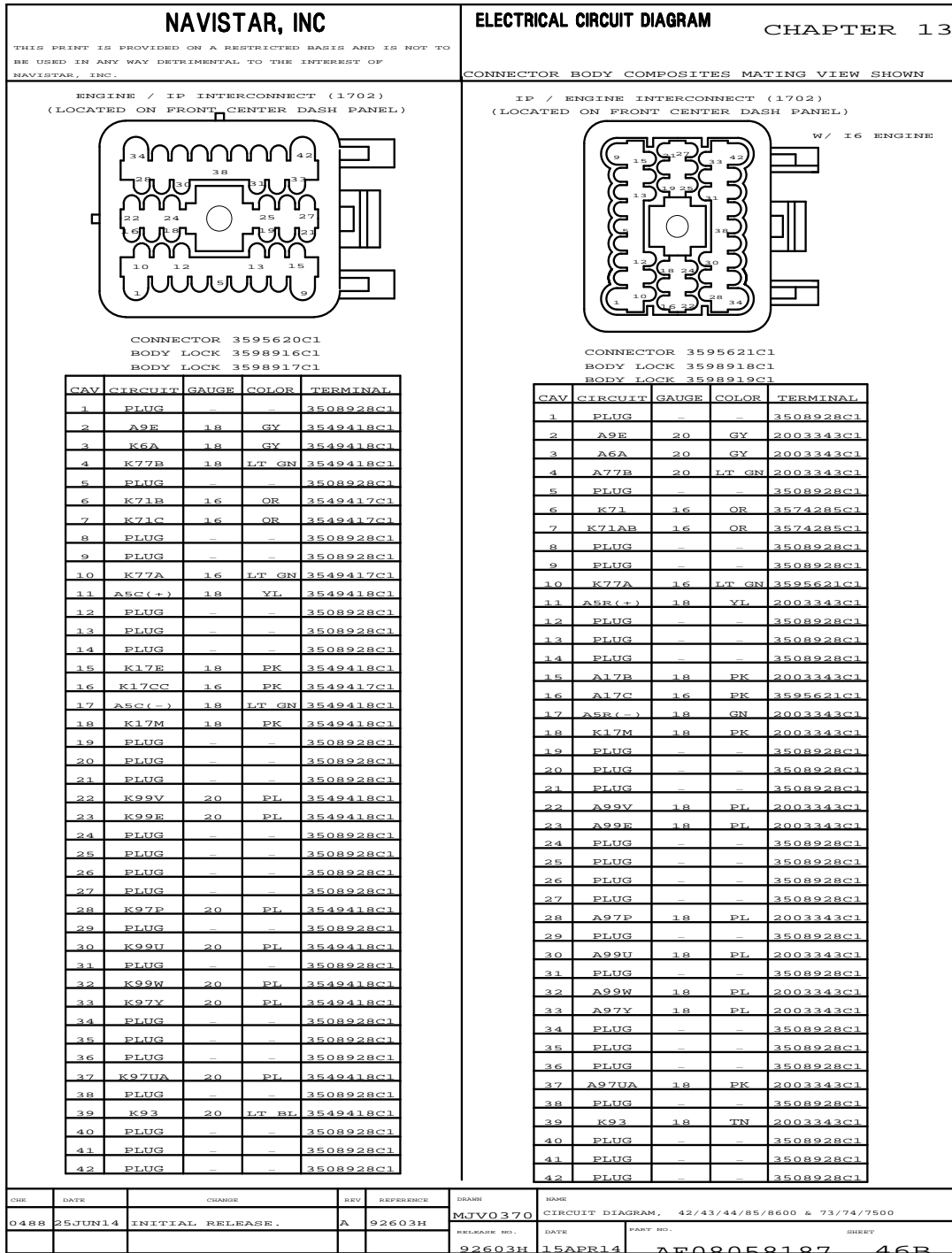


Figure 608 Connector Composites (1702)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.92. CONNECTOR COMPOSITES (1702), P. 47

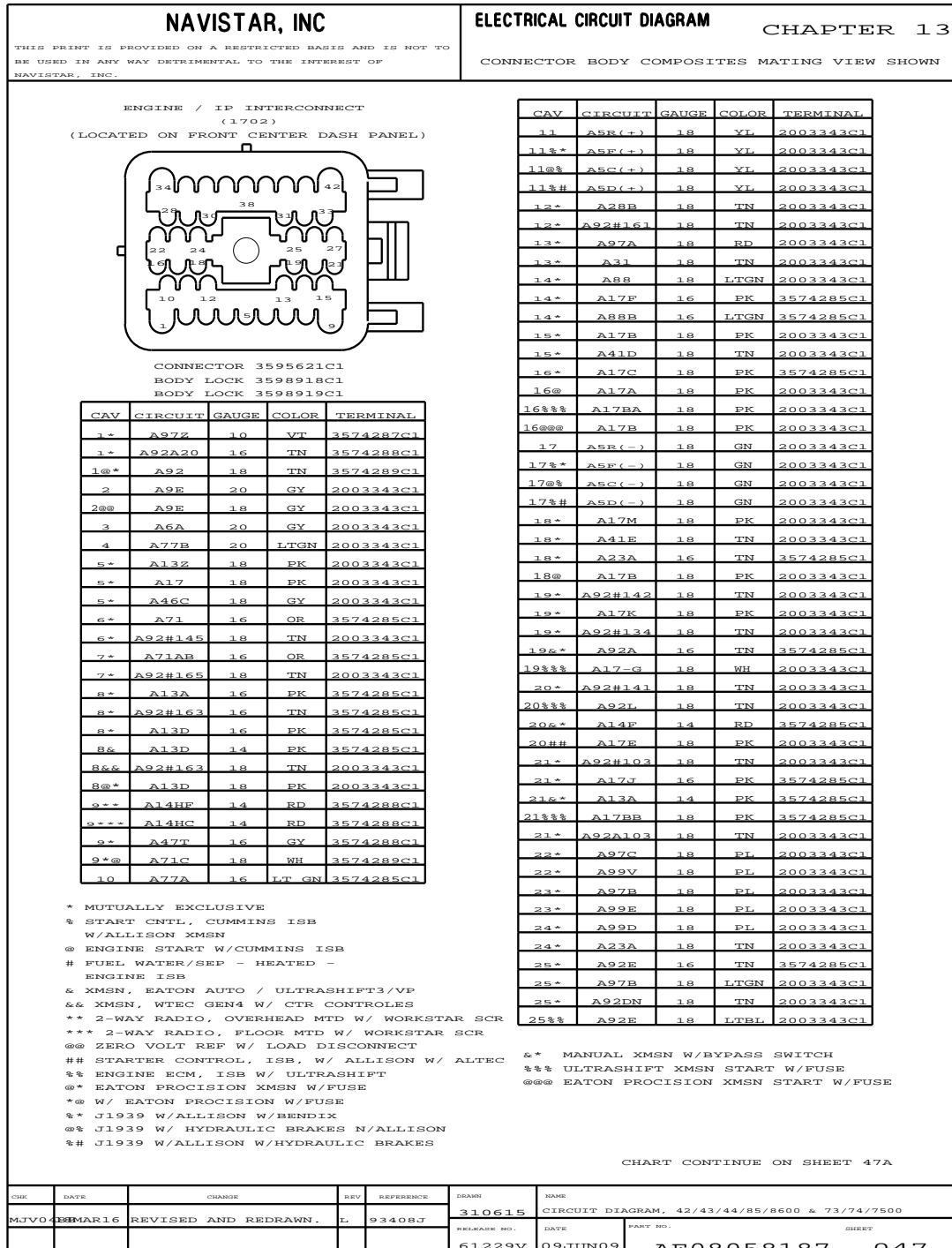


Figure 609 Connector Composites (1702)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.93. CONNECTOR COMPOSITES (1702), (1702B), P. 47A

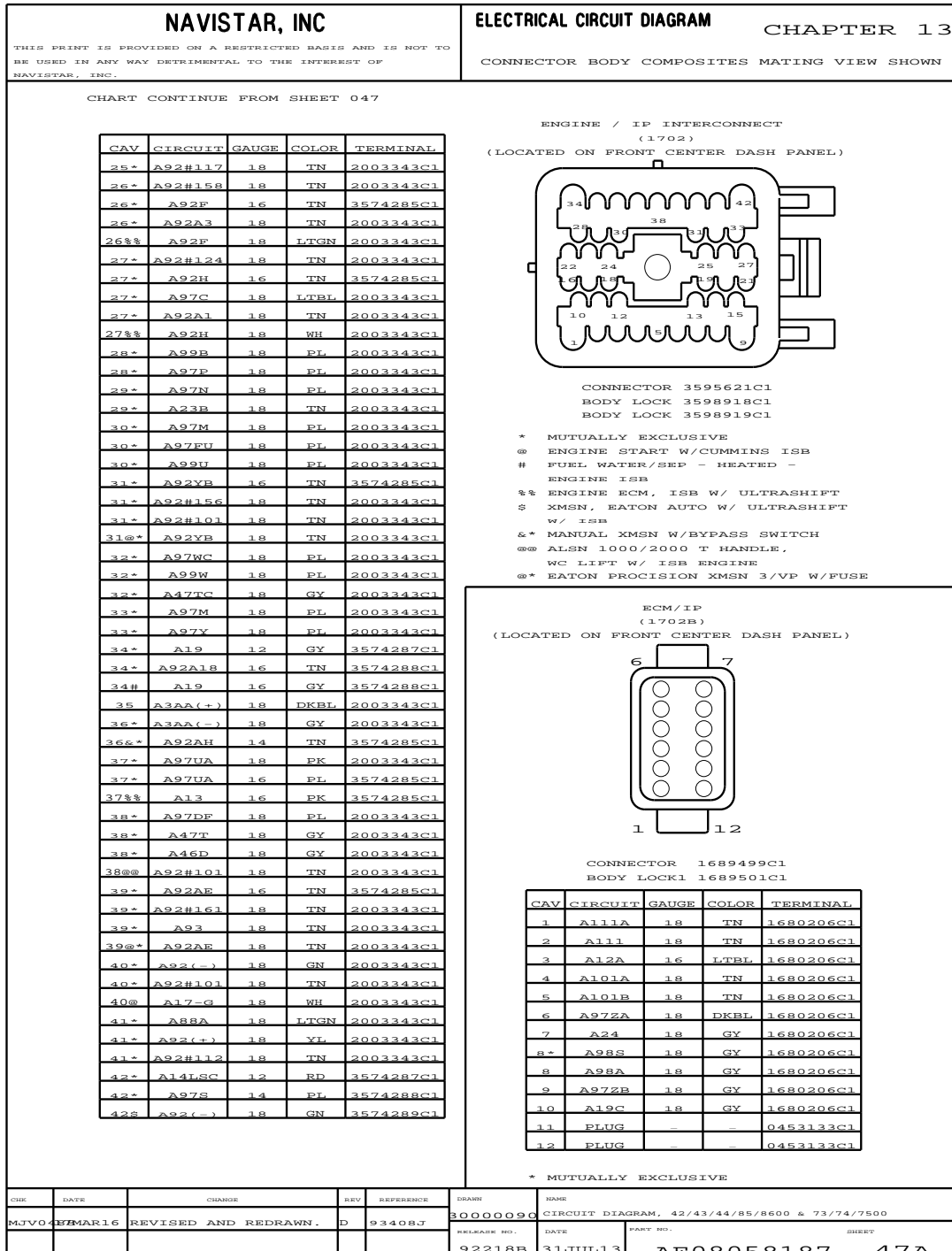


Figure 610 Connector Composites (1702), (1702B)

13.94. CONNECTOR COMPOSITES (1702B), P. 47B

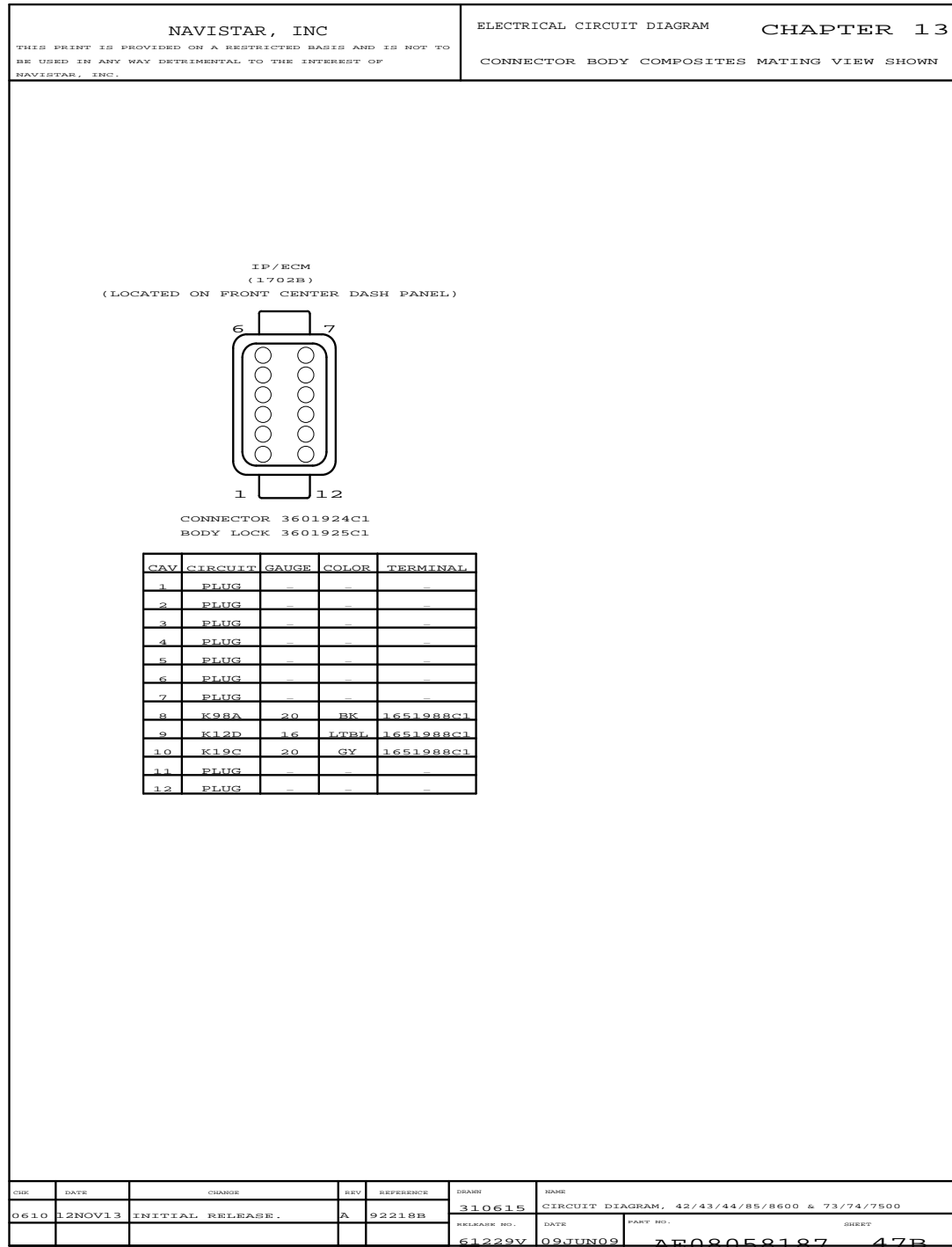


Figure 611 Connector Composites (1702B)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.95. CONNECTOR COMPOSITES (1800), P. 48

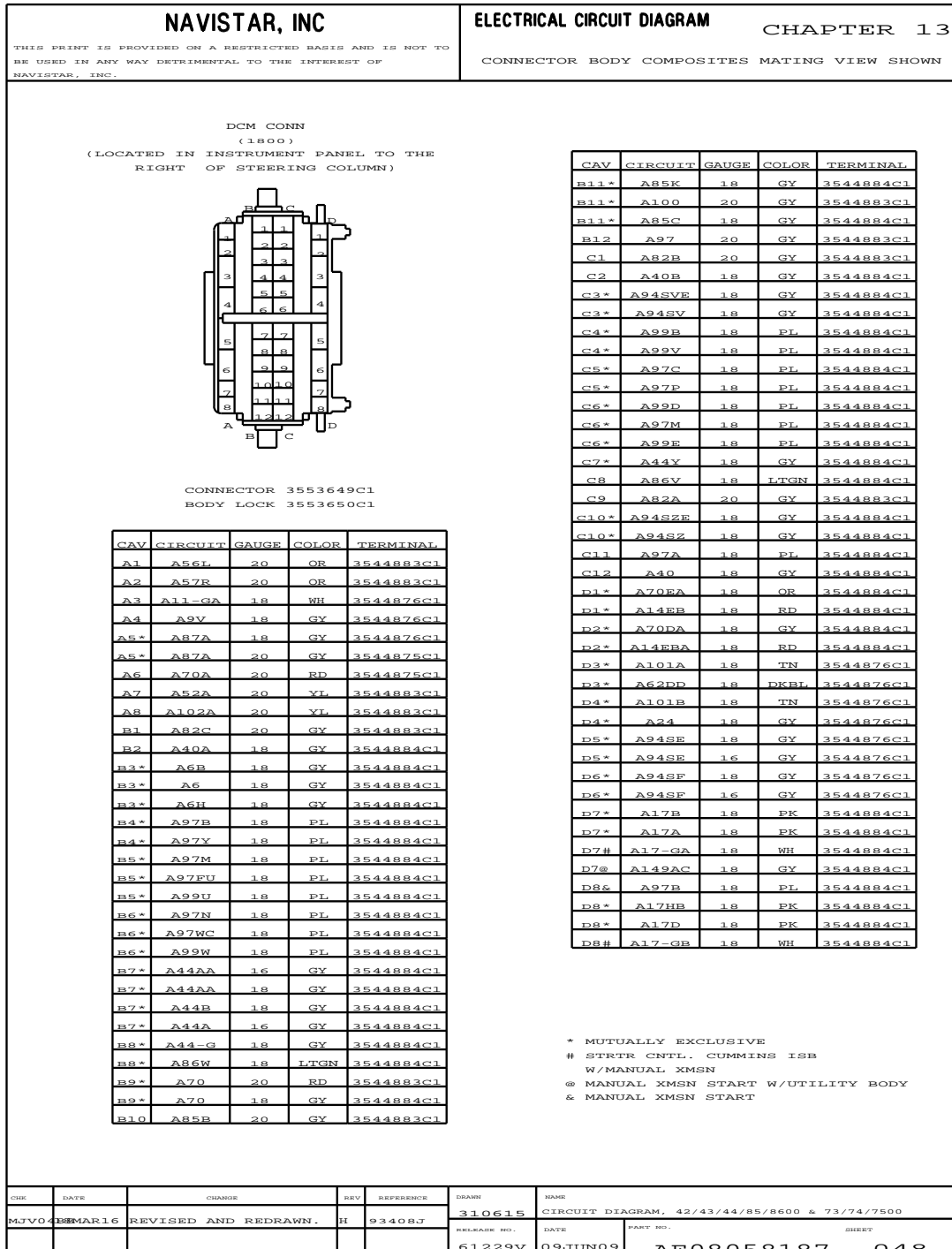


Figure 612 Connector Composites (1800)

13.96. CONNECTOR COMPOSITES (1800F), P. 48A

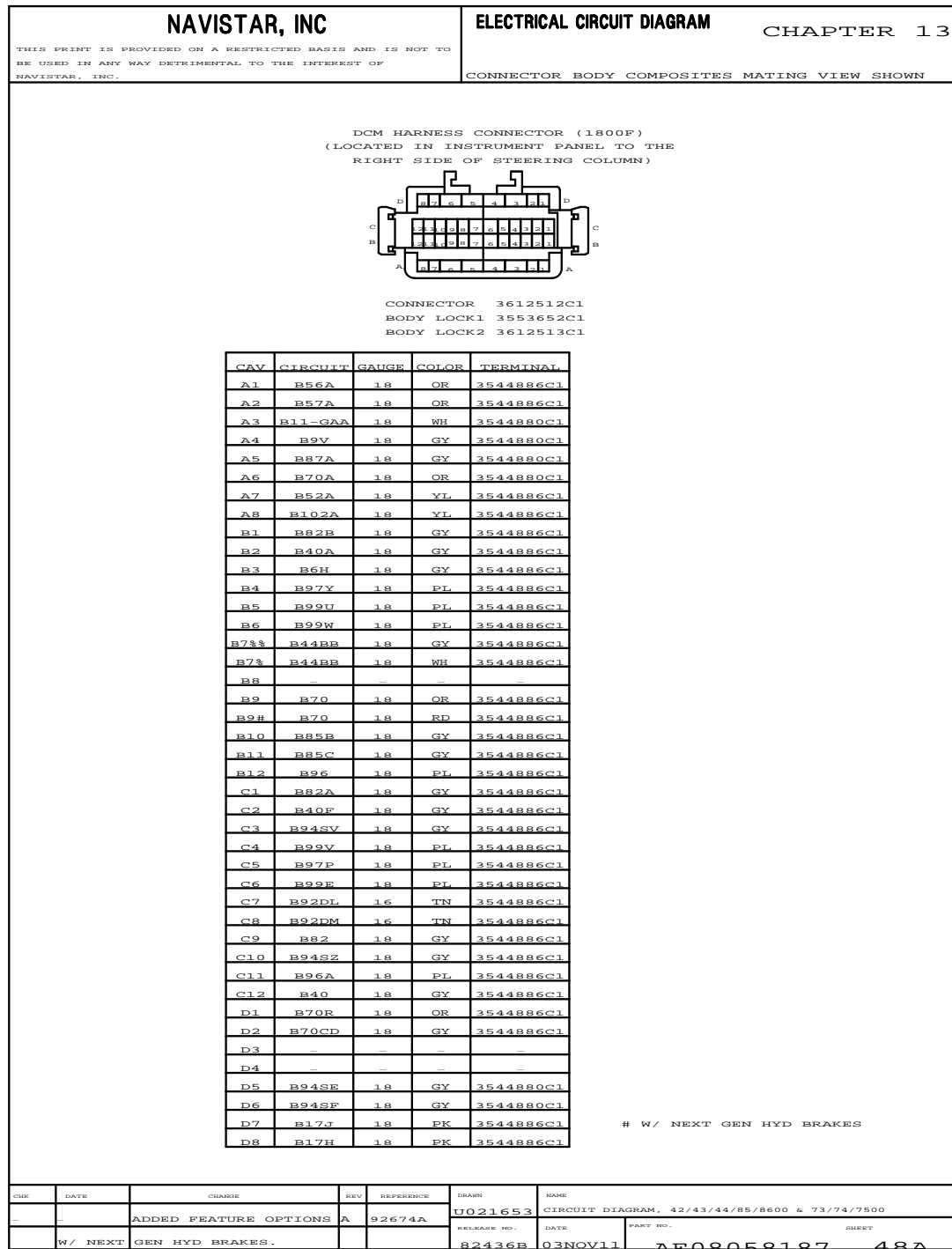


Figure 613 Connector Composites (1800F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.97. CONNECTOR COMPOSITES (1804), (1807), (1809), (1810), P. 49

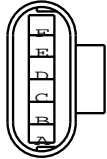
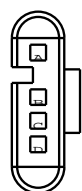
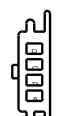
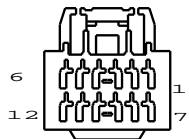
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																																																					
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																																					
<p style="text-align: center;">DUAL ANALOG ACCELERATOR (1804) (LOCATED ABOVE ACCELERATOR PEDAL)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>B99V</td><td>18</td><td>PL</td><td>1651943C1</td></tr> <tr><td>B</td><td>B97Y</td><td>18</td><td>PL</td><td>1651943C1</td></tr> <tr><td>C</td><td>B97F</td><td>18</td><td>PL</td><td>1651943C1</td></tr> <tr><td>D</td><td>B99U</td><td>18</td><td>PL</td><td>1651943C1</td></tr> <tr><td>E</td><td>B99W</td><td>18</td><td>PL</td><td>1651943C1</td></tr> <tr><td>F</td><td>B99E</td><td>18</td><td>PL</td><td>1651943C1</td></tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 1687790C1</p>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	B99V	18	PL	1651943C1	B	B97Y	18	PL	1651943C1	C	B97F	18	PL	1651943C1	D	B99U	18	PL	1651943C1	E	B99W	18	PL	1651943C1	F	B99E	18	PL	1651943C1																														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																						
A	B99V	18	PL	1651943C1																																																																						
B	B97Y	18	PL	1651943C1																																																																						
C	B97F	18	PL	1651943C1																																																																						
D	B99U	18	PL	1651943C1																																																																						
E	B99W	18	PL	1651943C1																																																																						
F	B99E	18	PL	1651943C1																																																																						
<p style="text-align: center;">CLUTCH SWITCH (1807) (LOCATED ON CLUTCH PEDAL)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>B17J</td><td>18</td><td>PK</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>B</td><td>B17H</td><td>18</td><td>PK</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>C</td><td>B96A</td><td>18</td><td>PL</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>D</td><td>B9VB</td><td>18</td><td>GY</td><td>1667742C1</td><td>3568570C1</td></tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 3540757C1 BODY LOCK 3540758C1</p>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	B17J	18	PK	1667742C1	3568570C1	B	B17H	18	PK	1667742C1	3568570C1	C	B96A	18	PL	1667742C1	3568570C1	D	B9VB	18	GY	1667742C1	3568570C1																																			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																					
A	B17J	18	PK	1667742C1	3568570C1																																																																					
B	B17H	18	PK	1667742C1	3568570C1																																																																					
C	B96A	18	PL	1667742C1	3568570C1																																																																					
D	B9VB	18	GY	1667742C1	3568570C1																																																																					
<p style="text-align: center;">CLOCK SPRING (1809) (LOCATED IN STEERING COLUMN)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>B9R</td><td>18</td><td>GY</td><td>1661261C1</td></tr> <tr><td>B</td><td>B96</td><td>18</td><td>PL</td><td>1661261C1</td></tr> <tr><td>C</td><td>B85C</td><td>18</td><td>GY</td><td>1661261C1</td></tr> <tr><td>D</td><td>B85B</td><td>18</td><td>GY</td><td>1661261C1</td></tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 3547870C1 BODY LOCK 3515764C1</p>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	B9R	18	GY	1661261C1	B	B96	18	PL	1661261C1	C	B85C	18	GY	1661261C1	D	B85B	18	GY	1661261C1																																								
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																						
A	B9R	18	GY	1661261C1																																																																						
B	B96	18	PL	1661261C1																																																																						
C	B85C	18	GY	1661261C1																																																																						
D	B85B	18	GY	1661261C1																																																																						
<p style="text-align: center;">TURN SIGNAL SWITCH (1810) (LOCATED ON STEERING COLUMN)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>B56A</td><td>18</td><td>OR</td><td>3571717C1</td></tr> <tr><td>2</td><td>B57A</td><td>18</td><td>OR</td><td>3571717C1</td></tr> <tr><td>3</td><td>B52A</td><td>18</td><td>YL</td><td>3571717C1</td></tr> <tr><td>4</td><td>B102A</td><td>18</td><td>YL</td><td>3571717C1</td></tr> <tr><td>5</td><td>B82B</td><td>18</td><td>GY</td><td>3571717C1</td></tr> <tr><td>6</td><td>B11-GAA</td><td>18</td><td>WH</td><td>3571717C1</td></tr> <tr><td>7</td><td>B9S</td><td>18</td><td>GY</td><td>3571717C1</td></tr> <tr><td>8</td><td>B82</td><td>18</td><td>GY</td><td>3571717C1</td></tr> <tr><td>9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>11</td><td>B82A</td><td>18</td><td>GY</td><td>3571717C1</td></tr> <tr><td>12</td><td>B87A</td><td>18</td><td>GY</td><td>3571717C1</td></tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 3539212C1</p>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	B56A	18	OR	3571717C1	2	B57A	18	OR	3571717C1	3	B52A	18	YL	3571717C1	4	B102A	18	YL	3571717C1	5	B82B	18	GY	3571717C1	6	B11-GAA	18	WH	3571717C1	7	B9S	18	GY	3571717C1	8	B82	18	GY	3571717C1	9	-	-	-	-	10	-	-	-	-	11	B82A	18	GY	3571717C1	12	B87A	18	GY	3571717C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																						
1	B56A	18	OR	3571717C1																																																																						
2	B57A	18	OR	3571717C1																																																																						
3	B52A	18	YL	3571717C1																																																																						
4	B102A	18	YL	3571717C1																																																																						
5	B82B	18	GY	3571717C1																																																																						
6	B11-GAA	18	WH	3571717C1																																																																						
7	B9S	18	GY	3571717C1																																																																						
8	B82	18	GY	3571717C1																																																																						
9	-	-	-	-																																																																						
10	-	-	-	-																																																																						
11	B82A	18	GY	3571717C1																																																																						
12	B87A	18	GY	3571717C1																																																																						
CHG	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																				
MEF2	22JUN10	ADDED CONN 1804.	C	67657R	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																				
	1807, 1809 AND 1810.				61229V	DATE	PART NO.	SHEET	049																																																																	
						09JUN09	AE08058187																																																																			

Figure 614 Connector Composites (1804), (1807), (1809), (1810)

13.98. CONNECTOR COMPOSITES (1811), (1812), (1813), P. 50

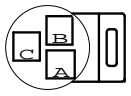
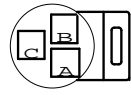
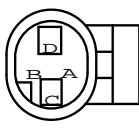
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																															
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																	
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">PRIMARY AIR TRANSDUCER (1811) (LOCATED AT BASE OF STEERING COLUMN)</p>  <p style="text-align: center;">CONNECTOR 1678137C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; 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>B9VC</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>B*</td> <td>B6HB</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>B**</td> <td>B6H</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>C</td> <td>B40</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> </tbody> </table> <p style="font-size: x-small;">* W/ AIR BRAKES ** W/ HYD AND AIR PARK BRAKES</p> </div> </div>									CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	B9VC	18	GY	1651943C1	B*	B6HB	18	GY	1651943C1	B**	B6H	18	GY	1651943C1	C	B40	18	GY	1651943C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																		
A	B9VC	18	GY	1651943C1																																		
B*	B6HB	18	GY	1651943C1																																		
B**	B6H	18	GY	1651943C1																																		
C	B40	18	GY	1651943C1																																		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">SECONDARY AIR TRANSDUCER (1812) (LOCATED AT BASE OF STEERING COLUMN)</p>  <p style="text-align: center;">CONNECTOR 1678137C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; 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>B9VE</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>B6HA</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>C</td> <td>B40A</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> </tbody> </table> </div> </div>									CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	B9VE	18	GY	1651943C1	B	B6HA	18	GY	1651943C1	C	B40A	18	GY	1651943C1										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																		
A	B9VE	18	GY	1651943C1																																		
B	B6HA	18	GY	1651943C1																																		
C	B40A	18	GY	1651943C1																																		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">PARK BRAKE (1813) (LOCATED AT BASE OF STEERING COLUMN)</p>  <p style="text-align: center;">CONNECTOR 1661777C1 BODY LOCK 1661873C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; 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>-</td> <td>-</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>B44BB</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>D</td> <td>B9VD</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table> </div> </div>									CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	PLUG	-	-	-	-	B	PLUG	-	-	-	-	C	B44BB	18	GY	1661875C1	3568570C1	D	B9VD	18	GY	1661875C1	3568570C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																	
A	PLUG	-	-	-	-																																	
B	PLUG	-	-	-	-																																	
C	B44BB	18	GY	1661875C1	3568570C1																																	
D	B9VD	18	GY	1661875C1	3568570C1																																	
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																
0610	12NOV13	MVD R/D 1814 & 1815.	D	92218B	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																
RELEASE NO.		DATE		PART NO.		SHEET																																
61229V		09JUN09		AE08058187		050																																

Figure 615 Connector Composites (1811), (1812), (1813)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.99. CONNECTOR COMPOSITES (1815), P. 50A

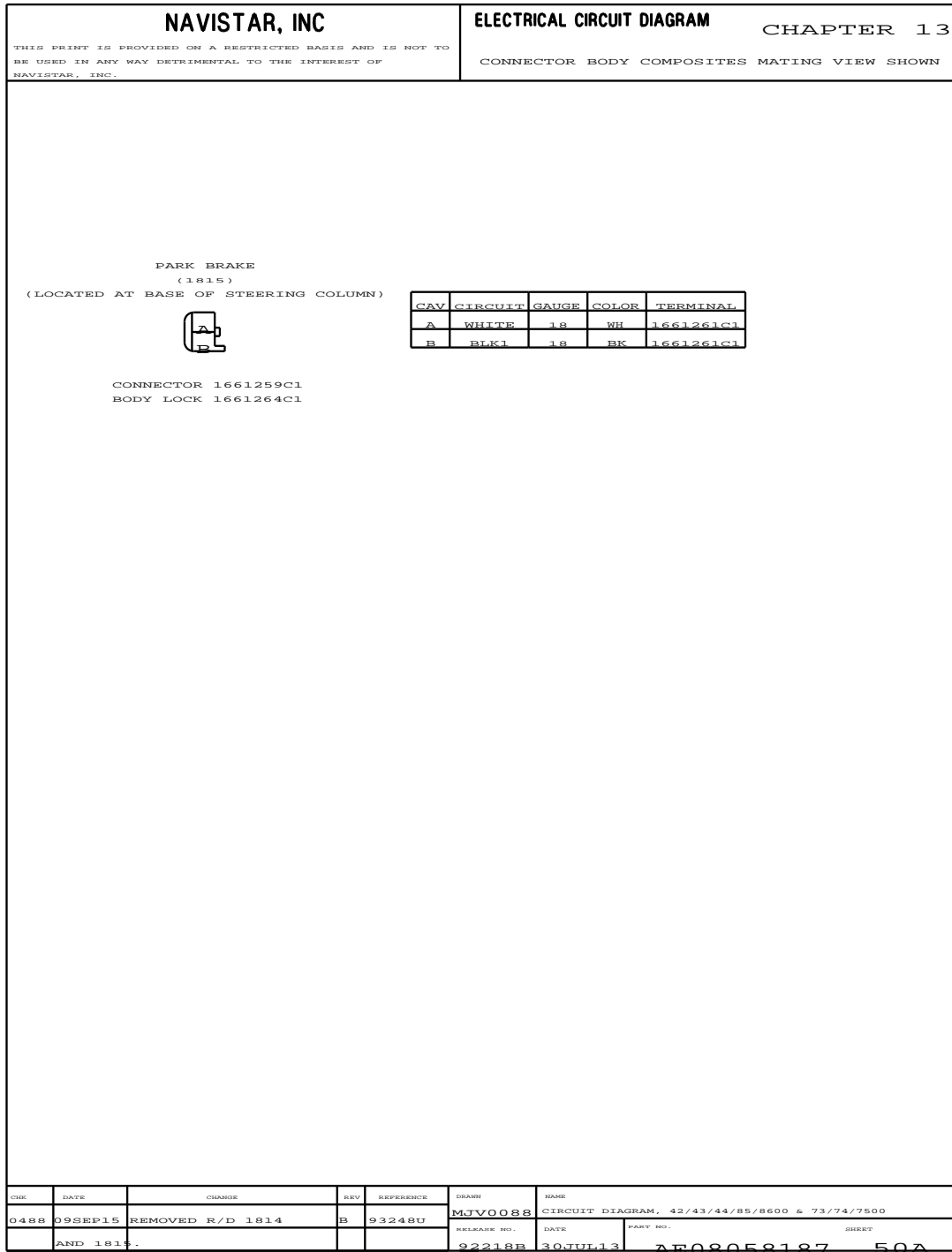


Figure 616 Connector Composites (1815)

13.100. CONNECTOR COMPOSITES (1820F), (1820M), (1822), P. 51

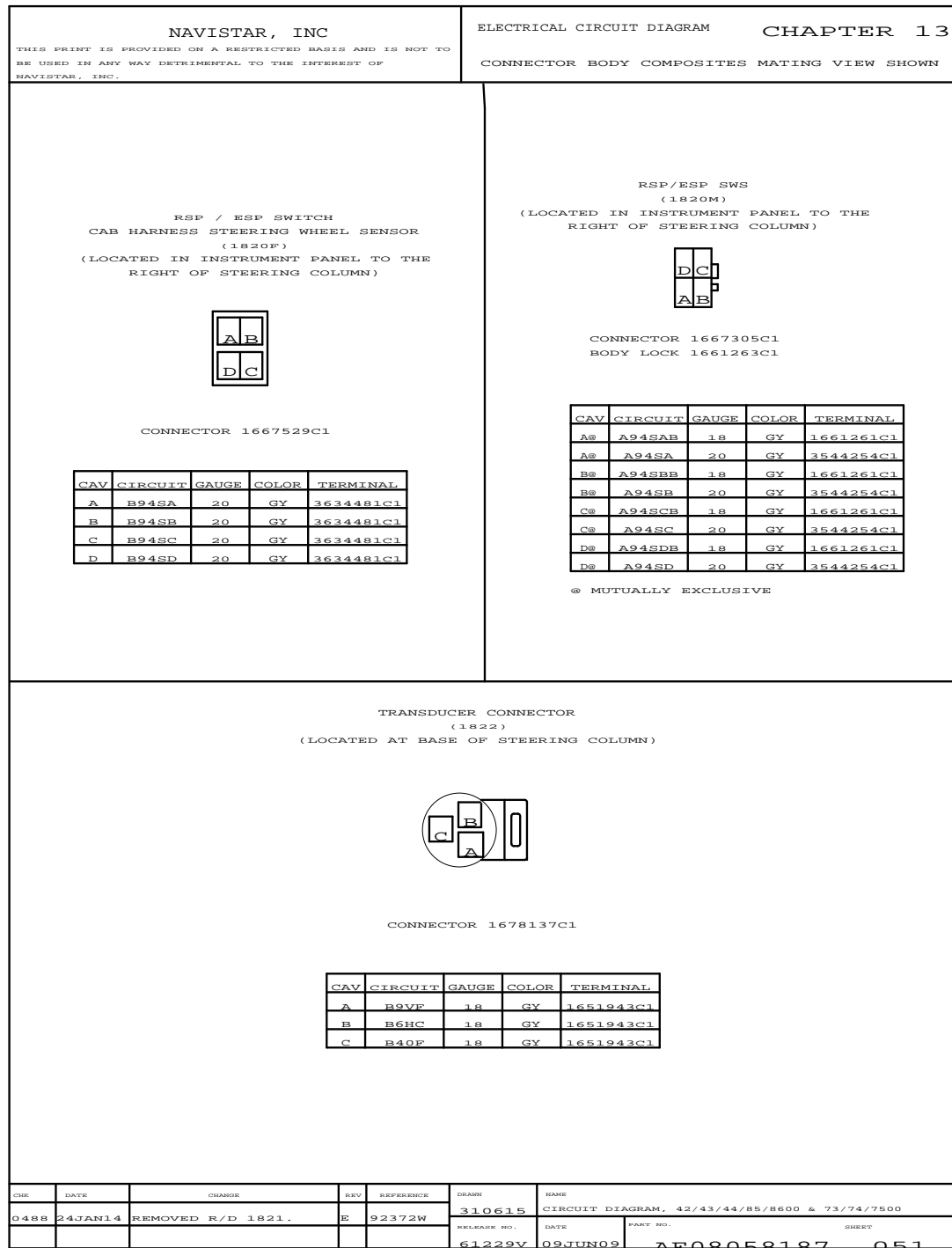


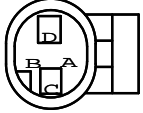
Figure 617 Connector Composites (1820F), (1820M), (1822)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.101. CONNECTOR COMPOSITES (1823), (1824), (1825), P. 52

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

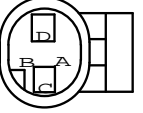
STOP LIGHT # 1
(1823)
(LOCATED AT BASE OF STEERING COLUMN)



CONNECTOR 1661777C1
BODY LOCK 1661873C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	-	-	-	-	-
B	-	-	-	-	-
C	B70A	18	OR	1661875C1	3568570C1
D	B9VG	18	GY	1661875C1	3568570C1

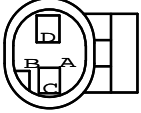
STOP LIGHT # 2
(1824)
(LOCATED AT BASE OF STEERING COLUMN)



CONNECTOR 1661777C1
BODY LOCK 1661873C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	-	-	-	-	-
B	-	-	-	-	-
C	B70	18	OR	1661875C1	3568570C1
D	B9VH	18	GY	1661875C1	3568570C1

BRAKE PRESSURE SWITCH
(1825)
(LOCATED AT BASE OF STEERING COLUMN)



CONNECTOR 1661777C1
BODY LOCK 1661873C1

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.	SHEET
					AE08058187	052

Figure 618 Connector Composites (1823), (1824), (1825)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.102. CONNECTOR COMPOSITES (1828), (1829), (1852), (1852A), P. 53

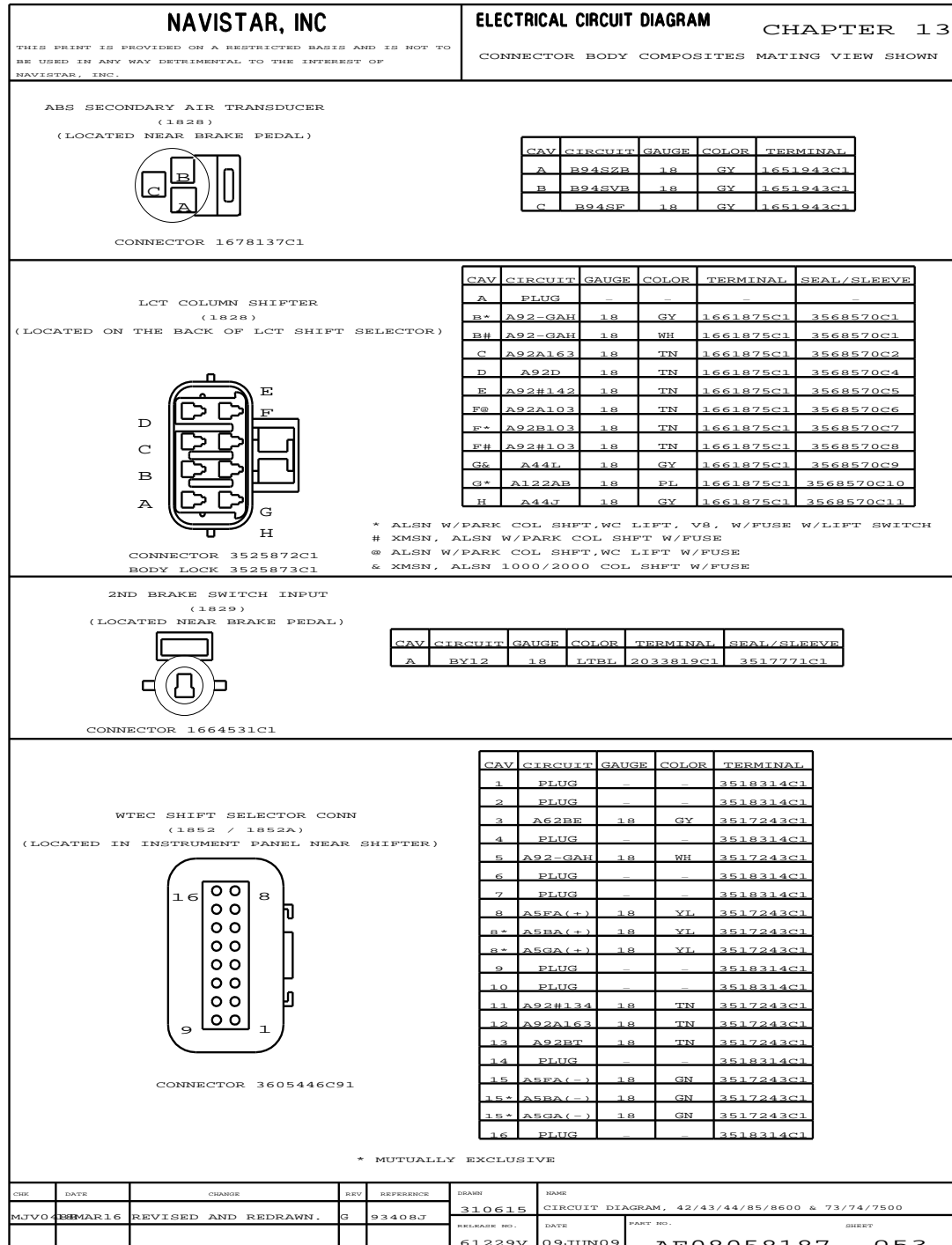


Figure 619 Connector Composites (1828), (1829), (1852), (1852A)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.103. CONNECTOR COMPOSITES (1861), (1872), (1873), P. 54

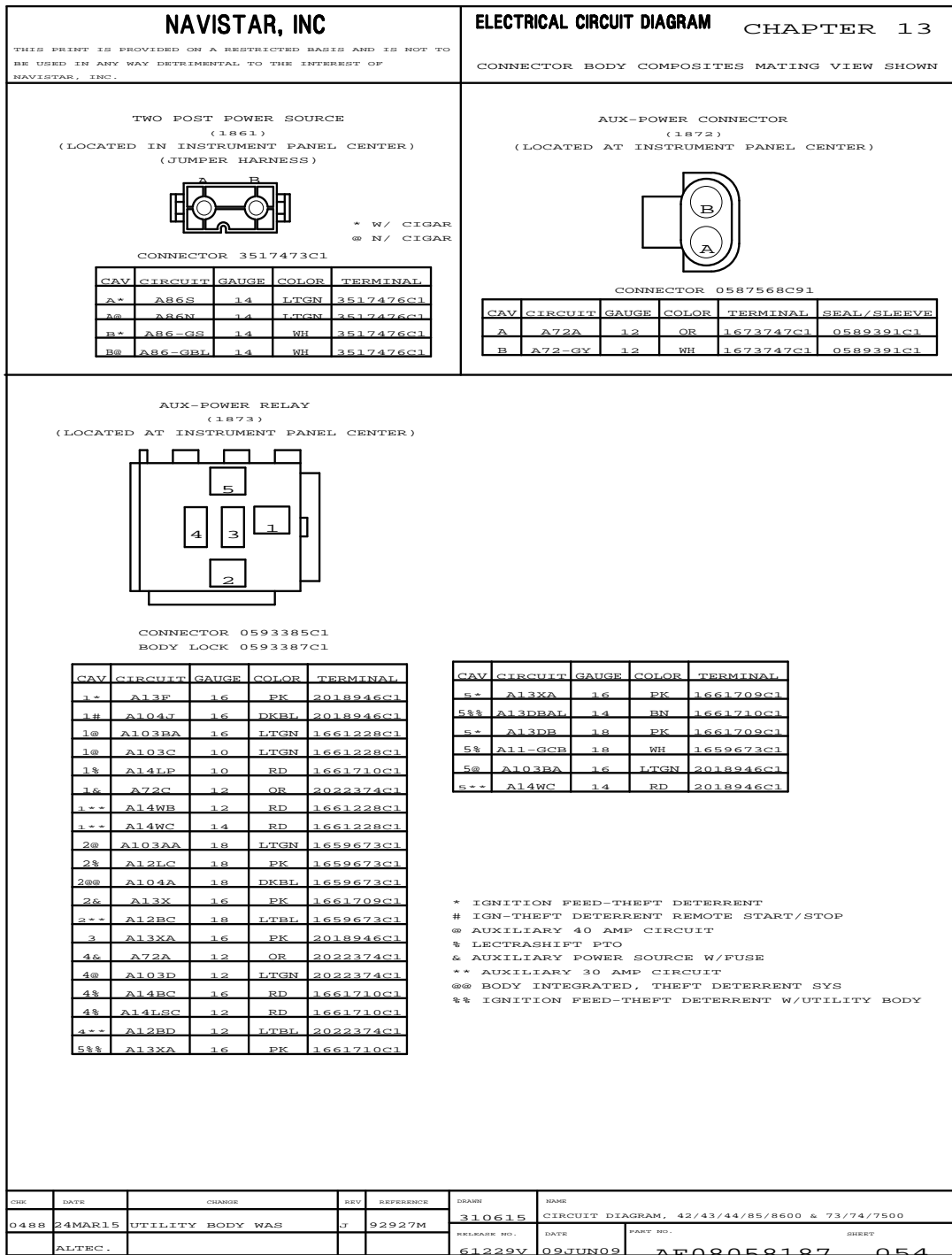


Figure 620 Connector Composites (1861), (1872), (1873)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.104. CONNECTOR COMPOSITES (1873B), (1873C), (1873D), P. 54A

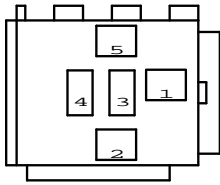
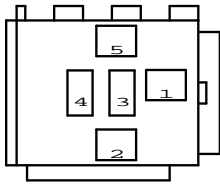
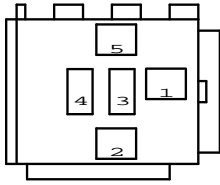
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13																																																																																																			
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<div style="text-align: center; margin-bottom: 10px;"> AUX-POWER RELAY (1873B) (LOCATED AT INSTRUMENT PANEL CENTER) </div> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: 8px; 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>A103BA</td><td>16</td><td>LTGN</td><td>1661228C1</td></tr> <tr><td>1*</td><td>A103C</td><td>10</td><td>LTGN</td><td>1661228C1</td></tr> <tr><td>2</td><td>A103AA</td><td>18</td><td>LTGN</td><td>1659673C1</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>A103D</td><td>12</td><td>LTGN</td><td>1661710C1</td></tr> <tr><td>5</td><td>A103BA</td><td>16</td><td>LTGN</td><td>1661709C1</td></tr> </tbody> </table> </div> <div style="text-align: center; margin-top: 10px;"> CONNECTOR 0593385C1 BODY LOCK 0593387C1 </div> <p style="text-align: center; font-size: 8px; margin-top: 10px;">* MUTUALLY EXCLUSIVE</p>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1*	A103BA	16	LTGN	1661228C1	1*	A103C	10	LTGN	1661228C1	2	A103AA	18	LTGN	1659673C1	3	PLUG	-	-	-	4	A103D	12	LTGN	1661710C1	5	A103BA	16	LTGN	1661709C1																																																												
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1*	A103BA	16	LTGN	1661228C1																																																																																																									
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2	A103AA	18	LTGN	1659673C1																																																																																																									
3	PLUG	-	-	-																																																																																																									
4	A103D	12	LTGN	1661710C1																																																																																																									
5	A103BA	16	LTGN	1661709C1																																																																																																									
<div style="text-align: center; margin-bottom: 10px;"> OPTIONAL RELAY (1873C) (LOCATED AT INSTRUMENT PANEL CENTER) </div> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: 8px; 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>A88B</td><td>18</td><td>LTGN</td><td>1659673C1</td></tr> <tr><td>1*</td><td>A92A20</td><td>16</td><td>TN</td><td>1661709C1</td></tr> <tr><td>1&</td><td>A12</td><td>18</td><td>DKBL</td><td>1659673C1</td></tr> <tr><td>2*</td><td>A88V</td><td>18</td><td>LTGN</td><td>1661709C1</td></tr> <tr><td>2*</td><td>A88VA</td><td>18</td><td>LTGN</td><td>1661709C1</td></tr> <tr><td>2*</td><td>A92-GN3</td><td>18</td><td>WH</td><td>1659673C1</td></tr> <tr><td>2&</td><td>A14RD</td><td>10</td><td>RD</td><td>1661710C1</td></tr> <tr><td>2&</td><td>A12C</td><td>18</td><td>LTBL</td><td>1661709C1</td></tr> <tr><td>2&</td><td>A12CAA</td><td>18</td><td>LTBL</td><td>1661709C1</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4*</td><td>A92B</td><td>18</td><td>GY</td><td>1661709C1</td></tr> <tr><td>4*</td><td>A92C</td><td>18</td><td>GY</td><td>1661709C1</td></tr> <tr><td>4*</td><td>A92A3</td><td>18</td><td>TN</td><td>1659673C1</td></tr> <tr><td>4&</td><td>A12CAA</td><td>18</td><td>LTBL</td><td>1661709C1</td></tr> <tr><td>4&</td><td>A12D</td><td>18</td><td>LTBL</td><td>1661709C1</td></tr> <tr><td>5*</td><td>A88</td><td>18</td><td>LTGN</td><td>1659673C1</td></tr> <tr><td>5*</td><td>A92DN1</td><td>18</td><td>TN</td><td>1659673C1</td></tr> <tr><td>5&</td><td>A9LCB</td><td>18</td><td>WH</td><td>1659673C1</td></tr> </tbody> </table> </div> <div style="text-align: center; margin-top: 10px;"> CONNECTOR 0593385C1 BODY LOCK 0593387C1 </div> <p style="text-align: center; font-size: 8px; margin-top: 10px;">* MUTUALLY EXCLUSIVE # ZERO VOLT REF W/ LOAD DISCONNECT & SPARE WIRING W/ LOAD DISCONNECT</p>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1*	A88B	18	LTGN	1659673C1	1*	A92A20	16	TN	1661709C1	1&	A12	18	DKBL	1659673C1	2*	A88V	18	LTGN	1661709C1	2*	A88VA	18	LTGN	1661709C1	2*	A92-GN3	18	WH	1659673C1	2&	A14RD	10	RD	1661710C1	2&	A12C	18	LTBL	1661709C1	2&	A12CAA	18	LTBL	1661709C1	3	PLUG	-	-	-	4*	A92B	18	GY	1661709C1	4*	A92C	18	GY	1661709C1	4*	A92A3	18	TN	1659673C1	4&	A12CAA	18	LTBL	1661709C1	4&	A12D	18	LTBL	1661709C1	5*	A88	18	LTGN	1659673C1	5*	A92DN1	18	TN	1659673C1	5&	A9LCB	18	WH	1659673C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																									
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2&	A12CAA	18	LTBL	1661709C1																																																																																																									
3	PLUG	-	-	-																																																																																																									
4*	A92B	18	GY	1661709C1																																																																																																									
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5*	A88	18	LTGN	1659673C1																																																																																																									
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<div style="text-align: center; margin-bottom: 10px;"> PTO B RELAY (1873D) (LOCATED AT INSTRUMENT PANEL CENTER) </div> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: 8px; 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>A88C</td><td>18</td><td>LTGN</td><td>1659673C1</td></tr> <tr><td>2</td><td>A88A</td><td>18</td><td>LTGN</td><td>1659673C1</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>A92B</td><td>18</td><td>GY</td><td>1659673C1</td></tr> <tr><td>5</td><td>A88VA</td><td>18</td><td>LTGN</td><td>1659673C1</td></tr> </tbody> </table> </div> <div style="text-align: center; margin-top: 10px;"> CONNECTOR 0593385C1 BODY LOCK 0593387C1 </div>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A88C	18	LTGN	1659673C1	2	A88A	18	LTGN	1659673C1	3	PLUG	-	-	-	4	A92B	18	GY	1659673C1	5	A88VA	18	LTGN	1659673C1																																																																	
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0638	22JUN15	REVISED AND REDRAWN.	D	92974E	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																																																							
					RELEASE NO.	DATE	PART NO.	SHEET																																																																																																					
					86976G	18FEB13	AE08058187	54A																																																																																																					

Figure 621 Connector Composites (1873B), (1873C), (1873D)

ELECTRICAL CIRCUIT DIAGRAM MANUAL**13.105. CONNECTOR COMPOSITES (1873E), (1873F), (1873G), P. 54B**

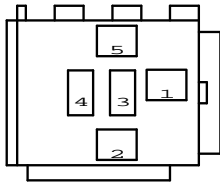
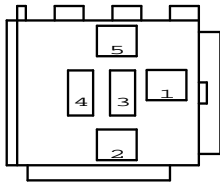
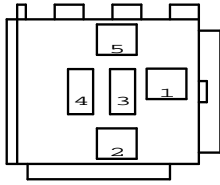
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																															
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<p>SNOW VALVE RELAY (1873E) (LOCATED AT INSTRUMENT PANEL CENTER)</p> <div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"><p>CONNECTOR 0593385C1 BODY LOCK 0593387C1</p></div><div style="border: 1px solid black; padding: 5px; font-size: x-small;"><table><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></div></div>									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																																		
<p>SNOW VALVE RELAY (1873F) (LOCATED AT INSTRUMENT PANEL CENTER)</p> <div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"><p>CONNECTOR 0593385C1 BODY LOCK 0593387C1</p></div><div style="border: 1px solid black; padding: 5px; font-size: x-small;"><table><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></div></div>									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																																		
<p>SNOW VALVE RELAY (1873G) (LOCATED AT INSTRUMENT PANEL CENTER)</p> <div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"><p>CONNECTOR 0593385C1 BODY LOCK 0593387C1</p></div><div style="border: 1px solid black; padding: 5px; font-size: x-small;"><table><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></div></div>									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																																		
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4	A23B	18	TN	1659673C1																																		
5	A11-GD	18	WH	1659673C1																																		
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	PART NO.	SHEET																															
92218B					30JUL13	AE08058187		54B																														

Figure 622 Connector Composites (1873E), (1873F), (1873G)

13.106. CONNECTOR COMPOSITES (1873H), (1873J), P. 54C

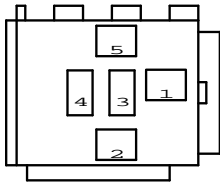
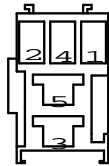
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																				
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<p>SNOW VALVE RELAY (1873H) (LOCATED AT INSTRUMENT PANEL CENTER)</p> <div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"></div><div><table border="1" style="font-size: x-small; border-collapse: collapse;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>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></div></div> <p style="text-align: center; font-size: x-small;">CONNECTOR 0593385C1 BODY LOCK 0593387C1</p>							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																																						
<p>ANTI THEFT RELAY (1873J) (LOCATED AT INSTRUMENT PANEL CENTER)</p> <div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"></div><div><table border="1" style="font-size: x-small; border-collapse: collapse;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>A45B</td><td>18</td><td>LTGN</td><td>2025418C1</td></tr><tr><td>2</td><td>A45-GB</td><td>18</td><td>LTGN</td><td>2025418C1</td></tr><tr><td>3</td><td>A972B</td><td>18</td><td>GY</td><td>1659673C1</td></tr><tr><td>4</td><td>A19C</td><td>18</td><td>GY</td><td>2025418C1</td></tr><tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr></tbody></table></div></div> <p style="text-align: center; font-size: x-small;">CONNECTOR 2028683C1 BODY LOCK 2028684C1</p>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A45B	18	LTGN	2025418C1	2	A45-GB	18	LTGN	2025418C1	3	A972B	18	GY	1659673C1	4	A19C	18	GY	2025418C1	5	PLUG	-	-	-						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																						
1	A45B	18	LTGN	2025418C1																																						
2	A45-GB	18	LTGN	2025418C1																																						
3	A972B	18	GY	1659673C1																																						
4	A19C	18	GY	2025418C1																																						
5	PLUG	-	-	-																																						
<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>CHK</th><th>DATE</th><th>CHANGE</th><th>REV</th><th>REFERENCE</th><th>DRWN</th><th colspan="3">NAME</th></tr></thead><tbody><tr><td>0488</td><td>24JAN14</td><td>REMOVED R/D 1873N.</td><td>B</td><td>92372W</td><td>MJV0088</td><td colspan="3">CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>RELEASE NO.</td><td>DATE</td><td>PART NO.</td><td>SHEET</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>92218B</td><td>30JUL13</td><td>AE08058187</td><td>54C</td></tr></tbody></table>							CHK	DATE	CHANGE	REV	REFERENCE	DRWN	NAME			0488	24JAN14	REMOVED R/D 1873N.	B	92372W	MJV0088	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500								RELEASE NO.	DATE	PART NO.	SHEET						92218B	30JUL13	AE08058187	54C
CHK	DATE	CHANGE	REV	REFERENCE	DRWN	NAME																																				
0488	24JAN14	REMOVED R/D 1873N.	B	92372W	MJV0088	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																				
					RELEASE NO.	DATE	PART NO.	SHEET																																		
					92218B	30JUL13	AE08058187	54C																																		

Figure 623 Connector Composites (1873H), (1873J)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.107. CONNECTOR COMPOSITES (1873W), P. 54D

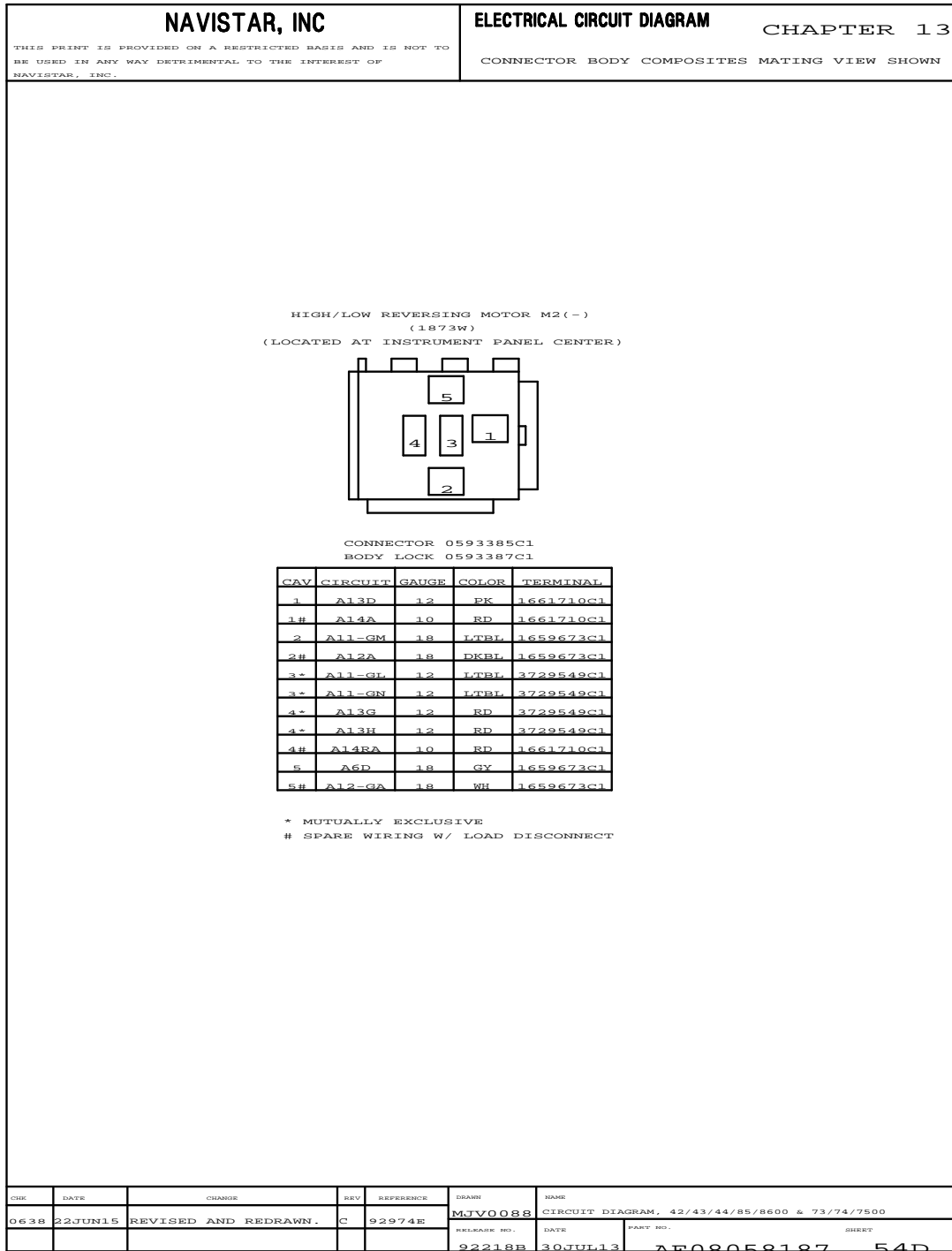


Figure 624 Connector Composites (1873W)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.108. CONNECTOR COMPOSITES (1873X), (1873Y), (1873Z), P. 54E

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

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CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

HIGH/LOW REVERSING MOTOR M2(+) (1873X)
(LOCATED AT INSTRUMENT PANEL CENTER)

CONNECTOR 0593385C1
BODY LOCK 0593387C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A13C	12	PK	1661710C1
1#	A14B	10	RD	1661710C1
2*	A11-GM	18	LTBL	1661709C1
2*	A11-GK	18	LTBL	1661709C1
2#	A12B	18	DKBL	1659673C1
3*	A11-GL	12	LTBL	3729549C1
3*	A11-GJ	12	LTBL	3729549C1
4	A13G	12	RD	1661710C1
4#	A14RB	10	RD	1661710C1
5	A6C	18	BN	1659673C1
5#	A12-GB	18	WH	1659673C1

* MUTUALLY EXCLUSIVE

SPARE WIRING W/LOAD DISCONNECT

FRONT AXLE REVERSING M1(-) RELAY (1873Y)
(LOCATED AT INSTRUMENT PANEL CENTER)

CONNECTOR 0593385C1
BODY LOCK 0593387C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A13B	12	PK	1661710C1
1#	A14C	10	RD	1661710C1
2#	A11-GK	18	LTBL	1661709C1
2#	A11-GI	18	LTBL	1661709C1
2#	A12C	18	DKBL	1659673C1
3*	A11-GJ	12	LTBL	3729549C1
3*	A11-GH	12	LTBL	3729549C1
4*	A13E	12	RD	3729549C1
4*	A13F	12	RD	3729549C1
4#	A14RC	10	RD	1661710C1
5	A6B	18	LTGN	1659673C1
5#	A12-GC	18	WH	1659673C1

* MUTUALLY EXCLUSIVE

& W/ BATTERY FEED

SPARE WIRING W/LOAD DISCONNECT

FRONT AXLE REVERSING M1(+) RELAY (1873Z)
(LOCATED AT INSTRUMENT PANEL CENTER)

CONNECTOR 0593385C1
BODY LOCK 0593387C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A13A	12	PK	1661710C1
2#	A11-GI	18	LTBL	1661228C1
2#	A11-GG	12	LTBL	1661228C1
2#	A12D	18	LTBL	1661709C1
2#	A12DA	18	LTBL	1661709C1
3*	A11-GG	12	LTBL	3729549C1
3*	A11-GH	12	LTBL	3729549C1
3#	A12E	18	DKBL	1659673C1
4	A13E	12	RD	1661710C1
4#	A12DA	18	LTBL	1659673C1
5	A6A	18	LTBL	1659673C1
5#	A9LCA	18	WH	1659673C1

* MUTUALLY EXCLUSIVE

SPARE WIRING W/LOAD DISCONNECT

CHG	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	PART NO.		SHEET
0638	22JUN15	REVISED AND REDRAWN.	C	92974E	MJV0088	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	92218B	30JUL13	54E

Figure 625 Connector Composites (1873X), (1873Y), (1873Z)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.109. CONNECTOR COMPOSITES (1874), (1874A), (1874B), P. 54F

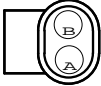

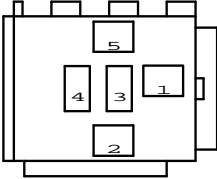


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WATER IN FUEL SENSOR (W.I.F.) (1874) (LOCATED AT INSTRUMENT PANEL CENTER)																																						
				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K111-G</td> <td>16</td> <td>TN</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>K111A</td> <td>18</td> <td>TN</td> <td>2036586C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K111-G	16	TN	2036586C1	B	K111A	18	TN	2036586C1															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																		
A	K111-G	16	TN	2036586C1																																		
B	K111A	18	TN	2036586C1																																		
CONNECTOR 2036583C1																																						
WIF SENSOR (1874) (LOCATED AT INSTRUMENT PANEL CENTER)																																						
				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95W</td> <td>18</td> <td>TN</td> <td>3561584C1</td> <td>3536867C1</td> </tr> <tr> <td>2</td> <td>K95-GE</td> <td>18</td> <td>WH</td> <td>3561584C1</td> <td>3536867C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K95W	18	TN	3561584C1	3536867C1	2	K95-GE	18	WH	3561584C1	3536867C1												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																	
1	K95W	18	TN	3561584C1	3536867C1																																	
2	K95-GE	18	WH	3561584C1	3536867C1																																	
CONNECTOR 3590390C91																																						
AIR COMPRESSOR RELAY (1874) (LOCATED AT INSTRUMENT PANEL CENTER)																																						
				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A40C</td> <td>14</td> <td>GY</td> <td>1661709C1</td> </tr> <tr> <td>2</td> <td>A40</td> <td>18</td> <td>GY</td> <td>1659673C1</td> </tr> <tr> <td>3</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>4</td> <td>A40A</td> <td>14</td> <td>GY</td> <td>1661709C1</td> </tr> <tr> <td>5</td> <td>A40-G</td> <td>18</td> <td>GY</td> <td>1659673C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A40C	14	GY	1661709C1	2	A40	18	GY	1659673C1	3	PLUG	-	-	-	4	A40A	14	GY	1661709C1	5	A40-G	18	GY	1659673C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																		
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2	A40	18	GY	1659673C1																																		
3	PLUG	-	-	-																																		
4	A40A	14	GY	1661709C1																																		
5	A40-G	18	GY	1659673C1																																		
CONNECTOR 0593385C1 BODY LOCK 0593387C1																																						
CUMMINS WIF (1874A)																																						
				<table border="1" style="width: 100%; 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>1651969C1</td> </tr> <tr> <td>2</td> <td>K95-G</td> <td>18</td> <td>WH</td> <td>1651969C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95A	18	TN	1651969C1	2	K95-G	18	WH	1651969C1															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																		
1	K95A	18	TN	1651969C1																																		
2	K95-G	18	WH	1651969C1																																		
W/DURASTAR CONNECTOR 3850892C1 BODY LOCK 3518184C1																																						
WORKSTAR WIF SENSOR (1874B) (LOCATED AT INSTRUMENT PANEL CENTER)																																						
				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95W</td> <td>18</td> <td>TN</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>K95-GE</td> <td>18</td> <td>WH</td> <td>1680205C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95W	18	TN	1680205C1	2	K95-GE	18	WH	1680205C1															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																		
1	K95W	18	TN	1680205C1																																		
2	K95-GE	18	WH	1680205C1																																		
CONNECTOR 3602747C1 BODY LOCK 3539784C1																																						
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																
0488	24JAN14	ADDED R/D 1874A.	B	92372W	MJV0088	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																
					RELEASE NO.	DATE	PART NO.	SHEET																														
					92218B	30JUL13	AE08058187	54F																														

Figure 626 Connector Composites (1874), (1874A), (1874B)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.110. CONNECTOR COMPOSITES (1900), (1901), (1902), (1903), (1910), (1910A), P. 55

NAVISTAR, INC

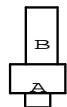
ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

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CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

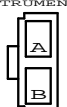
WHEEL CHAIR LIFT INTERLOCK DIODE
(1900)
(LOCATED IN INSTRUMENT PANEL
NEAR DCM BREAKOUT)



CONNECTOR 0872291R1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A89CB	18	PL	0879630R1
B	A89CE	18	PL	0879630R1

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-GRB	16	WH	1661208C1
B#	A86-GRB	16	WH	1661209C1

* MUTUALLY EXCLUSIVE
POWER SOURCE-CIGAR LIGHTER


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	PLUG	-	-	-
C	A84-G	16	WH	3534165C1

XATA MODULE
(1910)/(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*	A5Y(+)	18	YL	1661261C1
D*	A3BE(-)	18	GY	1661261C1
D*	A5Y(-)	18	GN	1661261C1

* MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRWG	NAME
0488	25JUN14	ADDED CIRC A86PA &	F	92603H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
	A86-GRB	TO R/D 1901.			61229V	DATE 09JUN09 PART NO. AE08058187 SHEET 055

Figure 627 Connector Composites (1900), (1901), (1902), (1903), (1910), (1910A)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.111. CONNECTOR COMPOSITES (1911), (1917), (1918), (1918A), P. 55A

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ELECTRICAL CIRCUIT DIAGRAM


CHAPTER 13

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

XATA

(1911)

(LOCATED AT RIGHT SIDE BACK OF DOOR)




CONNECTOR 0188393R1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A14EBA	18	RD	0241117E1

QUALCOMM OMNIVISION REMOTE CTRL

(1917)

(LOCATED AT INSTRUMENT PANEL)



CONNECTOR 1661259C1

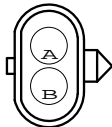
BODY LOCK 1661263C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A86RCD	18	LTGN	1661261C1
B	A86-GD2	18	WH	1661261C1

DRIVER SEAT POWER

(1918)

(LOCATED BEHIND DRIVER SEAT ON FLOOR)



CONNECTOR 0587567C91

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A*	A105-GB	16	WH	0587577C1	1652325C1
A#	AD	14	RD	0587577C1	0589391C1
A@	A14B	12	RD	1673748C1	0589391C1
A%	A105GCP	18	WH	0587578C1	3517771C1
B*	A105B	16	LTGN	0587577C1	1652325C1
B#	AH	14	WH	0587577C1	0589391C1
B@	A11-GP	12	WH	1673748C1	0589391C1
B%	A105	18	LTGN	0587578C1	3517771C1

* SEAT-HEATED W/DRVR & PASS

SELF CONTAINED AIR SEAT W/DRVR

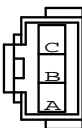
@ SELF CONTAINED AIR SEAT PASS

% SEAT-HEATED W/DRVR

QUALCOMM OMNIVISION POWER

(1918A)

(LOCATED BEHIND DRIVER SEAT ON FLOOR)



CONNECTOR 1661199C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A14ED	16	RD	1661212C1
B	A13EE	16	DKBL	1661212C1
C	A11-GBE	16	WH	1661212C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0488	24JAN14	REMOVED R/D 1912.	B	92372W	MJVO088	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					92218B	30JUL13
						PART NO.
						AE08058187
						SHEET
						55A

Figure 628 Connector Composites (1911), (1917), (1918), (1918A)

13.112. CONNECTOR COMPOSITES (1919A), (1920), (1927), (1929), P. 56

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ELECTRICAL CIRCUIT DIAGRAM

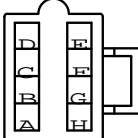
CHAPTER 13

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

QUALCOMM OMNIVISION ACCESSORY

(1919A)

(LOCATED BEHIND DRIVER SEAT ON FLOOR)



CONNECTOR 2005836C1

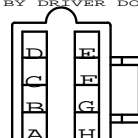
BODY LOCK 2006504C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A86RCD	18	LTGN	1661212C1
B	A9BF	18	TN	1661212C1
C	A3BD(+)	18	DKBL	1661212C1
D	A3BD(-)	18	GY	1661212C1
E	A86-GND	18	WH	1661212C1
F	A86HA	18	LTGN	1661212C1
G	A86JA	18	LTGN	1661212C1
H	PLUG	-	-	-

QUALCOMM OMNIVISION ACCESSORY

(1920)

(LOCATED IN INSTRUMENT PANEL BY DRIVER DOOR)



CONNECTOR 2005836C1

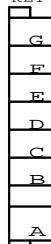
BODY LOCK 2006504C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A86H	18	LTGN	1661212C1
B	A86J	18	LTGN	1661212C1
C	A86HA	18	LTGN	1661212C1
D	A86JA	18	LTGN	1661212C1
E	A86-GD1	18	WH	1661212C1
F	A86HB	18	LTGN	1661212C1
G	A86JB	18	LTGN	1661212C1
H	PLUG	-	-	-

J1708 PRIVATE (+)

(1927)

(LOCATED IN INSTRUMENT PANEL LEFT OF KEY SWITCH)



CONNECTOR 2006789C1

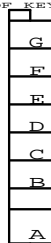
BODY LOCK 2006792C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A3B(+)	18	DKBL	1661208C1
B	A3D(+)	18	DKBL	1661208C1
C	A3E(+)	18	DKBL	1661208C1
D	A3F(+)	18	DKBL	1661208C1
E	A3C(+)	18	DKBL	1661208C1
F	PLUG	-	-	-
G	PLUG	-	-	-

J1708 PRIVATE (-)

(1929)

(LOCATED IN INSTRUMENT PANEL LEFT OF KEY SWITCH)



CONNECTOR 2006789C1

BODY LOCK 2006792C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A3B(-)	18	GY	1661208C1
B	A3D(-)	18	GY	1661208C1
C	A3E(-)	18	GY	1661208C1
D	A3F(-)	18	GY	1661208C1
E	A3C(-)	18	GY	1661208C1
F	PLUG	-	-	-
G	PLUG	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRWN	NAME
0610	12NOV13	MVD R/D 1918 AND	D	92218B	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
		UPDATED NAME OF R/D 1920.			RELEASE NO.	
					DATE	PART NO.
					61229V	09JUN09
						AE08058187
						056

Figure 629 Connector Composites (1919A), (1920), (1927), (1929)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.113. CONNECTOR COMPOSITES (1935), (1936M), (1937N), (1938M), (1939), P. 57

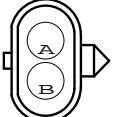
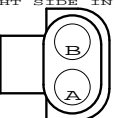

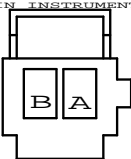
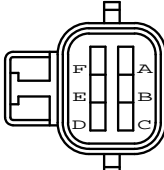
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																											
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																													
HEATED SEAT PASSENGER (1935) (LOCATED BEHIND PASSENGER SEAT ON FLOOR)				<table border="1" style="width: 100%; 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-QA</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>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	A105-QA	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-QA	16	WH	0587577C1	1652325C1																																												
A*	A14C	12	RD	1673748C1	0589391C1																																												
B*	A105A	16	LTGN	0587577C1	1652325C1																																												
B*	A11-GR	12	WH	1673748C1	0589391C1																																												
				*MUTUALLY EXCLUSIVE CONNECTOR 0587567C91																																													
OMNIVISION PTO (1936M) (LOCATED IN RIGHT SIDE IN INSTRUMENT PANEL)				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A59DA</td> <td>18</td> <td>GY</td> <td>0587576C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A59DA	18	GY	0587576C1	1652325C1	B	PLUG	-	-	-	-																								
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																												
A	A59DA	18	GY	0587576C1	1652325C1																																												
B	PLUG	-	-	-	-																																												
				CONNECTOR 0587568C91																																													
QUALCOMM OMNI ACCESSORY (1937N) (LOCATED BEHIND DRIVER SEAT ON FLOOR)				<table border="1" style="width: 100%; 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>ASY(+)</td> <td>18</td> <td>YL</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>ASY(-)</td> <td>18</td> <td>GN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	ASY(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	-	-	C	ASY(-)	18	GN	1661875C1	3568570C1																		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																												
A	ASY(+)	18	YL	1661875C1	3568570C1																																												
B	PLUG	-	-	-	-																																												
C	ASY(-)	18	GN	1661875C1	3568570C1																																												
				CONNECTOR 1667741C1 BODY LOCK 1667771C1																																													
PEOPLENET CONN (1938M) (LOCATED IN INSTRUMENT PANEL)				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>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>3534167C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A11-GBF	14	WH	3534167C1	B	A14EA	14	RD	3534167C1																											
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																													
A	A11-GBF	14	WH	3534167C1																																													
B	A14EA	14	RD	3534167C1																																													
				CONNECTOR 3554818C1 BODY LOCK 3554821C1																																													
PEOPLENET COMMUNICATIONS (1939) (LOCATED IN INSTRUMENT PANEL)				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <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>-</td> <td>-</td> </tr> </tbody> </table>				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	-	-	-	-
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																												
A	A3BD(+)	18	DKBL	1661875C1	3568570C1																																												
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C	A14ED	18	RD	1661875C1	1661872C1																																												
D	A11-GBE	18	WH	1661875C1	3568570C1																																												
E	A13EE	18	PK	1661875C1	3568570C1																																												
F	PLUG	-	-	-	-																																												
				CONNECTOR 2011340C1 BODY LOCK 2011364C1																																													
CHG	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																											
					310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																											
0610	12NOV13	ADDED R/D 1936M, 1937N, D	922188		RELEASE NO.	DATE	PART NO.																																										
		1938M, 1939 AND UPDATED.			61229V	09JUN09	AE08058187 057																																										

Figure 630 Connector Composites (1935), (1936M), (1937N), (1938M), (1939)

13.114. CONNECTOR COMPOSITES (1939M), (1941), (1942F), P. 57A

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

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CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

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	AB5U(-)	18	GN	3518963C1
12	AB5U(+)	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	A67C	18	GY	3572626C1
2	A67D	18	GY	3572626C1
3	A67B	18	GY	3572626C1
4	A57AC	16	OR	3572626C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJV04	08MAR16	REVISED AND REDRAWN.	D	93408J	23069371	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					74736R	03DEC10
						PART NO.
						AE08058187
						SHEET
						57A

Figure 631 Connector Composites (1939M), (1941), (1942F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.115. CONNECTOR COMPOSITES (1943M), (1946), (1947), P. 57B



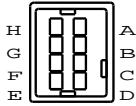
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																												
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Figure 632 Connector Composites (1943M), (1946), (1947)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.116. CONNECTOR COMPOSITES (1948), (1949), (1956), (1957), P. 57C

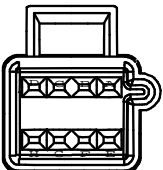
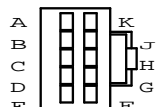
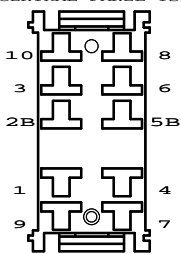
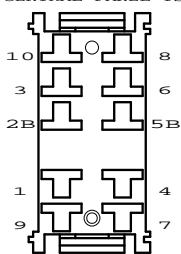
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Figure 633 Connector Composites (1948), (1949), (1956), (1957)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.117. CONNECTOR COMPOSITES (1958), (1959), (1961), (1962), P. 57D

NAVISTAR, INC

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

TSS 24V/12V
(1958)
(LOCATED BEHIND CENTRAL
PANEL TSS SWITCH PACK)

CONNECTOR 3520850C1

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	-	-	-

TSS ALARM (1959)
(LOCATED BEHIND CENTRAL PANEL TSS SWITCH PACK)

CONNECTOR 3520850C1

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	-	-	-

DATA LINK TRANSLATOR
(1961)
(LOCATED IN CAB)

CONNECTOR 3586750C1
BODY LOCK 3553460C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A98M	18	BK	3518963C1
2	PLUG	-	-	-
3	PLUG	-	-	-
4	PLUG	-	-	-
5	PLUG	-	-	-
6+	ASMA(+)	18	YL	3518963C1
6-	ASM(+)	18	YL	3518963C1
7+	ASMA(-)	18	GN	3518963C1
7-	ASM(-)	18	GN	3518963C1
8	A3M(+)	18	LTBL	3518963C1
9	A3M(-)	18	GY	3518963C1
10	A98-GB	18	WH	3518963C1
11	PLUG	-	-	-
12	A98-GC	18	WH	3518963C1

* MUTUALLY EXCLUSIVE

WIF CONNECTOR
(1962)
(LOCATED IN CAB)

CONNECTOR 2036585C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A111C	18	PK	2036586C1
B	A111B	18	TN	2036586C1
C	PLUG	-	-	-
D	A111A	18	TN	2036586C1

CHK	DATE	CHANGE	REV	REFERENCE	DRWN	NAME	RELEASE NO.	DATE	PART NO.	SHEET
0610	12NOV13	INITIAL RELEASE.	A	92218B	MJV0088	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	92218B	30JUL13	AE08058187	57D

Figure 634 Connector Composites (1958), (1959), (1961), (1962)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.118. CONNECTOR COMPOSITES (1964), P. 57E

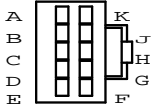
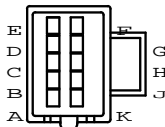
NAVISTAR, INC <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>	ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																							
<p>CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>IP/ROOF/ANTI-THEFT (1964) (LOCATED IN INSTRUMENT PANEL BY DRIVER DOOR)</p>  <p>CONNECTOR 3540612C1 BODY LOCK 3540614C1</p> </div> <table border="1" style="font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>D45A</td><td>18</td><td>LT GN</td><td>1661261C1</td></tr> <tr><td>B</td><td>D45B</td><td>18</td><td>LT GN</td><td>1661261C1</td></tr> <tr><td>C</td><td>D13D</td><td>18</td><td>EK</td><td>1661261C1</td></tr> <tr><td>D</td><td>D45C</td><td>18</td><td>LT GN</td><td>1661261C1</td></tr> <tr><td>E</td><td>D5A(+)</td><td>18</td><td>YL</td><td>1661261C1</td></tr> <tr><td>F</td><td>D5(-)</td><td>18</td><td>GN</td><td>1661261C1</td></tr> <tr><td>G</td><td>D45D</td><td>18</td><td>LT GN</td><td>1661261C1</td></tr> <tr><td>H</td><td>D13C</td><td>18</td><td>EK</td><td>1661261C1</td></tr> <tr><td>J</td><td>D11-GC</td><td>18</td><td>WH</td><td>1661261C1</td></tr> <tr><td>K</td><td>D14B</td><td>18</td><td>RD</td><td>1661261C1</td></tr> </tbody> </table> </div>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	D45A	18	LT GN	1661261C1	B	D45B	18	LT GN	1661261C1	C	D13D	18	EK	1661261C1	D	D45C	18	LT GN	1661261C1	E	D5A(+)	18	YL	1661261C1	F	D5(-)	18	GN	1661261C1	G	D45D	18	LT GN	1661261C1	H	D13C	18	EK	1661261C1	J	D11-GC	18	WH	1661261C1	K	D14B	18	RD	1661261C1
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Figure 635 Connector Composites (1964)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.119. CONNECTOR COMPOSITES (1965), (1965F), (1971), (1981), P. 57F

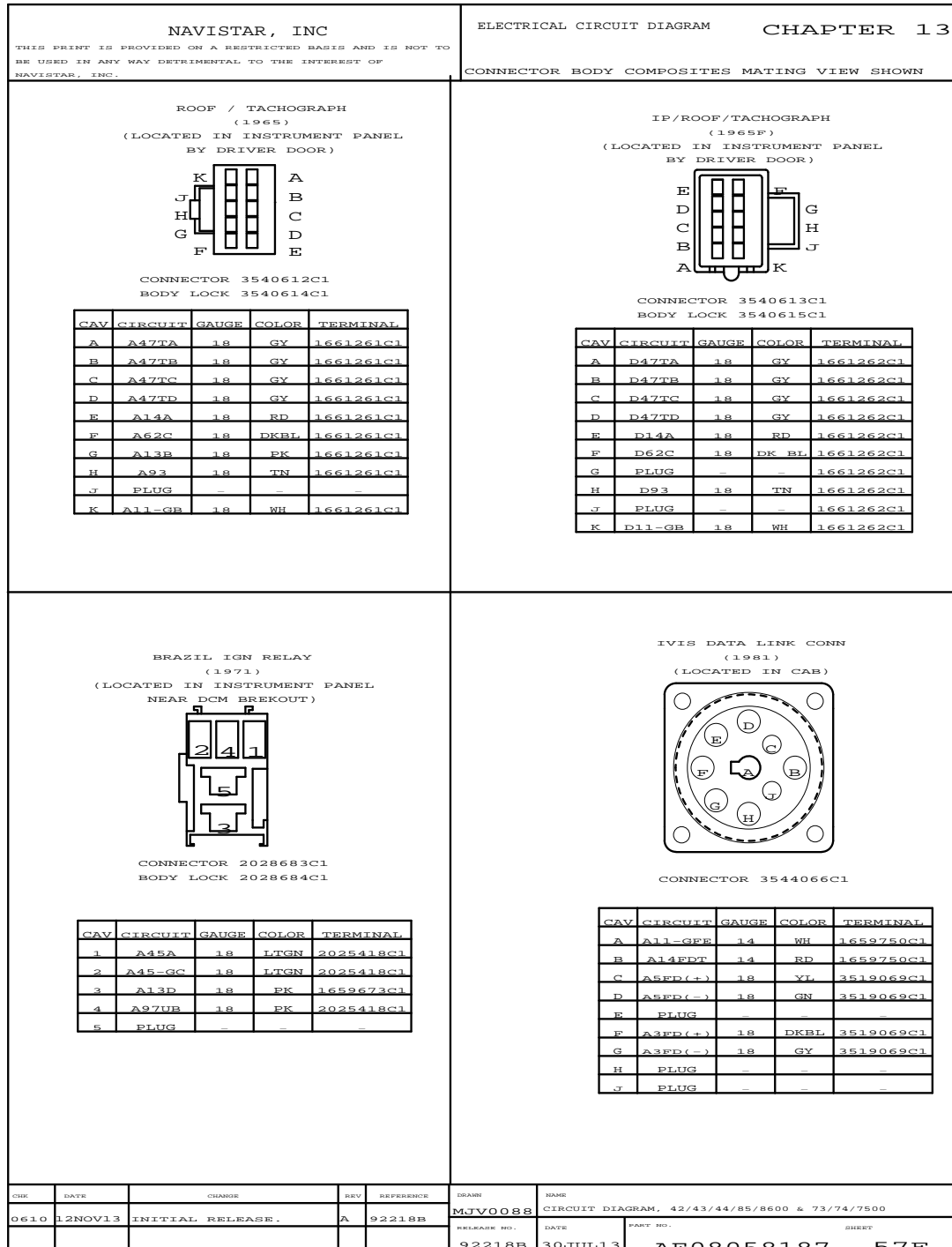


Figure 636 Connector Composites (1965), (1965F), (1971), (1981)

13.120. CONNECTOR COMPOSITES (2000), P. 57G

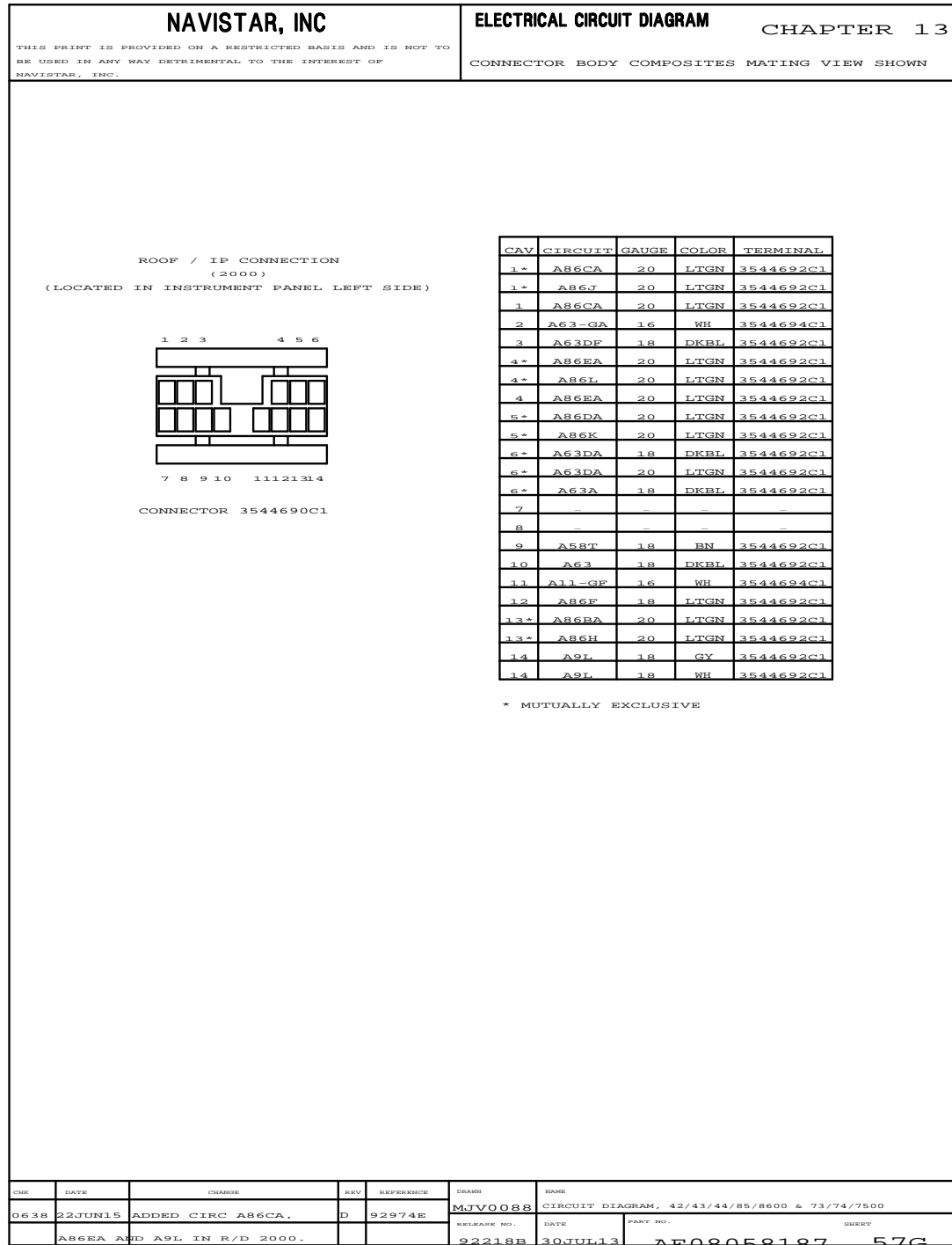


Figure 637 Connector Composites (2000)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.121. CONNECTOR COMPOSITES (2021), (2200), (2201), (2202), (2203), (2223), P. 58

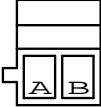





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<p>AUX/IP ROOF (2021) (LOCATED IN INSTRUMENT PANEL LEFT SIDE)</p>  <p>CONNECTOR 3554817C1</p> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A*</td> <td>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 style="font-size: x-small;">* TAIL LIGHT W/AIR SHIELD # TAIL LIGHT W/ROOF AUXILIARY LOAD</p>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A*	A58C	18	BN	3534164C1	A#	A12U	16	LTBL	3534165C1	B#	A12-GB	16	WH	3534165C1	B*	A58-GBM	18	WH	3534164C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																
A*	A58C	18	BN	3534164C1																																
A#	A12U	16	LTBL	3534165C1																																
B#	A12-GB	16	WH	3534165C1																																
B*	A58-GBM	18	WH	3534164C1																																
<p>CUSTOMER SUPPLIED WORK LIGHT (2200) (LOCATED IN CAB)</p>  <p>CONNECTOR 1661259C1 BODY LOCK 1661263C1</p> <table border="1" style="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>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 (2201) (LOCATED IN CAB)</p>  <p>CONNECTOR 1661259C1 BODY LOCK 1661263C1</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>A65-GD</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A65AE</td> <td>18</td> <td>OR</td> <td>1661261C1</td> </tr> </tbody> </table>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A65-GD	18	WH	1661261C1	B	A65AE	18	OR	1661261C1										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																
A	A65-GD	18	WH	1661261C1																																
B	A65AE	18	OR	1661261C1																																
<p>CUSTOMER SUPPLIED WORK LIGHT (2202) (LOCATED IN CAB)</p>  <p>CONNECTOR 1661259C1 BODY LOCK 1661263C1</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>A65AD</td> <td>18</td> <td>OR</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A65-GC</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A65AD	18	OR	1661261C1	B	A65-GC	18	WH	1661261C1										
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<p>CUSTOMER SUPPLIED WORK LIGHT (2203) (LOCATED IN CAB)</p>  <p>CONNECTOR 1661259C1 BODY LOCK 1661263C1</p> <table border="1" style="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>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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<p>RAND MCNALLY GPS DISPLAY (LOCATED IN INSTRUMENT PANEL-CENTER) (2223)</p>  <p>CONNECTOR 1669972C1</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>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																																
B	A10AE	18	WH	1661208C1																																
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																														
0488	25JUN14	ADDED R/D 2021.	H	92603H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																														
					RELEASE NO.	DATE	PARTY NO.	SHEET																												
					61229V	09JUN09	AE08058187 058																													

Figure 638 Connector Composites (2021), (2200), (2201), (2202), (2203), (2223)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.122. CONNECTOR COMPOSITES (2224), (2225), (2501), (2502), P. 58A

NAVISTAR, INC

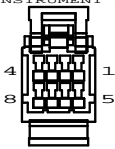
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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN


POWER DISPLAY
(2224)
(LOCATED IN INSTRUMENT PANEL CENTER)



CONNECTOR 3833917C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A14A	20	PK	3535805C1
2	A10AA	20	WH	3535805C1
3	A12SE	20	LTBL	3535805C1
4	PLUG	-	-	-
5	A10AB	20	WH	3535805C1
6	A86B(+)	20	YL	3535805C1
7	A86B(-)	20	LTGN	3535805C1
8	PLUG	-	-	-


I/O MIC DISPLAY
(2225)
(LOCATED IN INSTRUMENT PANEL CENTER)



CONNECTOR 3834322C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A9ZH	20	WH	3867325C1
2	PLUG	-	-	-
3	PLUG	-	-	-
4	PLUG	-	-	-
5	PLUG	-	-	-
6	PLUG	-	-	-
7	PLUG	-	-	-
8	A5C(+)	20	YL	3867325C1
9	PLUG	-	-	-
10	A10AC	20	WH	3867325C1
11	A86GA	20	LTGN	3867325C1
12	A86GB	20	LTGN	3867325C1
13	A86GC	20	LTGN	3867325C1
14	A86GD	20	LTGN	3867325C1
15	A10AD	20	LTGN	3867325C1
16	A5C(-)	20	LTGN	3867325C1

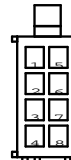
TACHOGRAPH CONN 1
(2501)
(LOCATED IN INSTRUMENT PANEL LEFT SIDE)



CONNECTOR 3719275C1

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

TACHOGRAPH CONN 2 (2502)
(LOCATED IN INSTRUMENT PANEL LEFT SIDE)



CONNECTOR 3719276C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	D47TA	18	GY	3548971C1
2	D47TB	18	GY	3548971C1
3	D47TC	18	GY	3548971C1
4	D47TD	18	GY	3548971C1
5	PLUG	-	-	3548971C1
6	PLUG	-	-	3548971C1
7	PLUG	-	-	3548971C1
8	PLUG	-	-	3548971C1

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.

91776J

30NOV12

AE08058187

SHEET 58A

Figure 639 Connector Composites (2224), (2225), (2501), (2502)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.123. CONNECTOR COMPOSITES (2503), (2505), (2600), (2701), (2702), P. 58B

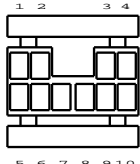
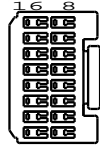
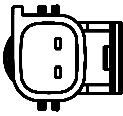

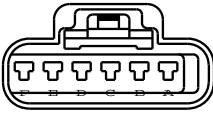
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13																																																																																																																																																																				
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<p style="text-align: center;">ROOF / IP CREW ROOF (2600) (LOCATED IN INSTRUMENT PANEL LEFT SIDE)</p>  <p style="text-align: center;">CONNECTOR 3550639C1</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>A81C</td><td>12</td><td>LTGN</td><td>3544877C1</td></tr> <tr><td>B</td><td>A3F(+)</td><td>18</td><td>DKBL</td><td>3544876C1</td></tr> <tr><td>C</td><td>A81D</td><td>12</td><td>LTGN</td><td>3544877C1</td></tr> <tr><td>D</td><td>A81-GB</td><td>12</td><td>WH</td><td>3544877C1</td></tr> <tr><td>E</td><td>A3F(-)</td><td>18</td><td>GY</td><td>3544876C1</td></tr> <tr><td>F</td><td>A81-GC</td><td>12</td><td>WH</td><td>3544877C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A81C	12	LTGN	3544877C1	B	A3F(+)	18	DKBL	3544876C1	C	A81D	12	LTGN	3544877C1	D	A81-GB	12	WH	3544877C1	E	A3F(-)	18	GY	3544876C1	F	A81-GC	12	WH	3544877C1																																																																																																																													
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F	A81-GC	12	WH	3544877C1																																																																																																																																																																										
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0610	12NOV13	INITIAL RELEASE.	A	92218B	MJV0088	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																																																																																																																								
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Figure 640 Connector Composites (2503), (2505), (2600), (2701), (2702)

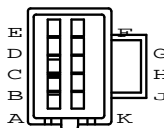
ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.124. CONNECTOR COMPOSITES (3000), (3001), (3002M), (3003), (3004), P. 59

NAVISTAR, INC

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DOOR / IP INTERCONNECT
(3000)
(LOCATED IN INSTRUMENT PANEL
BY DRIVER DOOR)



CONNECTOR 3540613C1

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


HEATED WINDSHIELD LEFT SIDE
(3001)
(LOCATED IN INSTRUMENT PANEL
BY DRIVER DOOR)



CONNECTOR 0899167R1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A78C	14	BK	0188396R1

WINDOW MOTOR DOOR POD
(3002M)
(LOCATED IN REAR DOOR)

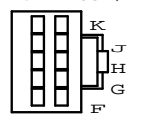


CONNECTOR 3534424C1
BODY LOCK 3534425C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	T83C	12	LTGN	2039344C1
B	T83F	12	LTGN	2039344C1

W/DURASTAR

IP / DOOR INTERCONNECT
(3000)
(LOCATED IN INSTRUMENT PANEL
BY DRIVER DOOR)

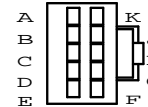


CONNECTOR 3540612C1
BODY LOCK 3540614C1

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

* DUAL HTD MIR. PWR W/HOOD W/WSHLD
PWR MIRRORS-HTD W/MOTORIZED W/TURN SIGNAL
& ADAPTER-PANEL LT -BUS BAR
\$ ADAPTER-PANEL LT MOTORIZED MIRRORS
** BASE WIRING W/AAT SENSOR

PASS DOOR
(3003)
(LOCATED IN INSTRUMENT PANEL
BY PASSENGER DOOR)




CONNECTOR 3540612C1
BODY LOCK 3540614C1

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-GCE	16	WH	1661261C1
J	A57D	18	OR	1661261C1
K				

* MUTUALLY EXCLUSIVE

HEATED WINDSHIELD RIGHT SIDE
(3004)
(LOCATED IN INSTRUMENT PANEL
BY PASSENGER DOOR)



CONNECTOR 0899167R1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A78B	14	BK	0188396R1

CHK

DATE

CHANGE

REV

REFERENCE

DRAWN

NAME

RELEASE NO.

DATE

PART NO.

SHEET

0488

24MAR15

ADDED R/D 3000

F

92927M

310615

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

61229V

09JUN09

AE08058187

059

Figure 641 Connector Composites (3000), (3001), (3002M), (3003), (3004)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.125. CONNECTOR COMPOSITES (3005), (3100M), (3200), (3200F), P. 59A

NAVISTAR, INC


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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN


HEATED WINDSHIELD GROUND
(3005)
(LOCATED IN CAB)



CONNECTOR 0899167R1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A78-G	12	BK	1660577C1

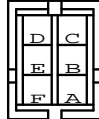
WINDOW MOTOR
(3100M)
(LOCATED IN DRIVER DOOR AND PASSENGER DOOR)



CONNECTOR 3534424C1
BODY LOCK 3534425C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	E83A	14	LTGN	3535486C1
B	E83E	14	LTGN	3535486C1

DOOR / IP CONN
(3200)
(LOCATED IN INSTRUMENT PANEL BY DRIVER DOOR)

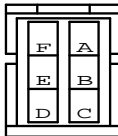


CONNECTOR 1661200C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A3D(+)	18	DKBL	1661208C1
B	A3D(-)	18	GY	1661208C1
C	A81B	12	LTGN	3566715C1
D*	A81-GA	12	WH	3566715C1
D*	A81-GH	12	WH	3566715C1
E	A63-GPW	18	WH	1661208C1
F	A63DB	18	DKBL	1661208C1

* MUTUALLY EXCLUSIVE

DOOR / IP DOOR POD
(3200F)
(LOCATED IN DRIVER DOOR AND PASSENGER DOOR)




CONNECTOR 1661201C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	E3W(+)	18	DKBL	1661212C1
B	E3X(-)	18	GY	1661212C1
C	E81B	12	LTGN	3534167C1
D	E81-GA	12	WH	3534167C1
E	E63-G	18	WH	1661212C1
F	E63BB	18	DKBL	1661212C1

W/DURASTAR

DOOR / ROOF DOOR POD
(3200F)
(LOCATED IN DRIVER DOOR AND PASSENGER DOOR)



CONNECTOR 1661260C1
BODY LOCK 1661264C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	E63BB	18	DKBL	1661262C1
B	E63-G	18	WH	1661262C1

W/DURASTAR

CHKDATECHANGEREVREFERENCE

DRWNNAME

RELEASE NO. DATEPART NO. SHEET

- - ADDED R/D 3100M, 3200F, B 92372W

MJV0088CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500

RMVD R/D 3204, 3205M & 3206. 92218B 30JUL13 AE08058187 59A

Figure 642 Connector Composites (3005), (3100M), (3200), (3200F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.126. CONNECTOR COMPOSITES (3201F), (3201M), (3202M), (3203M), (3204), P. 59B


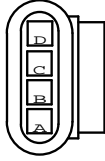
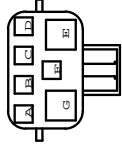
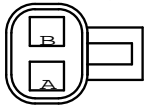
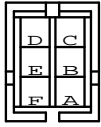
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																											
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DOOR / ROOF DOOR POD (3201F) (LOCATED AT BOTH REAR DOORS ELECTRICAL CONNECTIONS)																																																	
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CONNECTOR 1661260C1 BODY LOCK 1661264C1				W/DURASTAR																																													
DOOR POD LOAD (3201M) (LOCATED IN DOOR (DRIVER AND PASSENGER))																																																	
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CONNECTOR 3535482C1 BODY LOCK 3535483C1				W/DURASTAR																																													
DOOR POD SIGNAL (3202M) (LOCATED IN DOOR (DRIVER AND PASSENGER))																																																	
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CONNECTOR 1671610C1 BODY LOCK 1671608C1				W/DURASTAR																																													
DOOR / IP DOOR POD (3204) (LOCATED IN INSTRUMENT PANEL BY PASSENGER DOOR)																																																	
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Figure 643 Connector Composites (3201F), (3201M), (3202M), (3203M), (3204)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.127. CONNECTOR COMPOSITES (3205), (3205M), (3206), (3208F), (3209M), (3210M), P. 59C


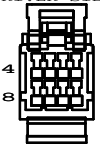

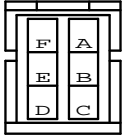
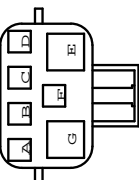
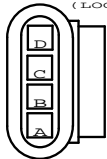
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E	E62AV	20	DK BL	3535805C1																																																																																	
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<p style="text-align: center;">DOOR POD SIGNAL (3209M) (LOCATED IN DOOR)</p>  <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>T81-GE</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>T81-GG</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>T3AA(-)</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>D</td> <td>T3BB(+)</td> <td>18</td> <td>DKBL</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>E</td> <td>T81-GD</td> <td>12</td> <td>WH</td> <td>2031531C1</td> <td>2025428C1</td> </tr> <tr> <td>F</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>2025431C1</td> <td>-</td> </tr> <tr> <td>G</td> <td>T81E</td> <td>12</td> <td>LTGN</td> <td>2031531C1</td> <td>2025428C1</td> </tr> </tbody> </table> <p>W/DURASTAR</p> <p>CONNECTOR 3540565C1</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	T81-GE	18	WH	1661875C1	1661872C1	B	T81-GG	18	WH	1661875C1	1661872C1	C	T3AA(-)	18	GY	1661875C1	1661872C1	D	T3BB(+)	18	DKBL	1661875C1	1661872C1	E	T81-GD	12	WH	2031531C1	2025428C1	F	PLUG	-	-	2025431C1	-	G	T81E	12	LTGN	2031531C1	2025428C1	<p style="text-align: center;">DOOR POD LOAD (3210M) (LOCATED IN DOOR)</p>  <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>T83F</td> <td>12</td> <td>LTGN</td> <td>2033816C1</td> <td>0589390C1</td> </tr> <tr> <td>B</td> <td>T83C</td> <td>12</td> <td>LTGN</td> <td>2033816C1</td> <td>0589390C1</td> </tr> <tr> <td>C</td> <td>T81C</td> <td>12</td> <td>LTGN</td> <td>2033816C1</td> <td>0589390C1</td> </tr> <tr> <td>D</td> <td>T81F</td> <td>12</td> <td>LTGN</td> <td>2033816C1</td> <td>0589390C1</td> </tr> </tbody> </table> <p>W/DURASTAR</p> <p>CONNECTOR 3535482C1 BODY LOCK 3535483C1</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	T83F	12	LTGN	2033816C1	0589390C1	B	T83C	12	LTGN	2033816C1	0589390C1	C	T81C	12	LTGN	2033816C1	0589390C1	D	T81F	12	LTGN	2033816C1	0589390C1
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																															
0488	24MAR15	ADDED R/D 3205.	B	92927M	MJV0370	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																															
RELEASE NO.		DATE		PART NO.		SHEET																																																																															
92372W		23JAN14		AE08058187		59C																																																																															

Figure 644 Connector Composites (3205), (3205M), (3206), (3208F), (3209M), (3210M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.128. CONNECTOR COMPOSITES (3211M), (3400), (4004), (4005), (4021), (4021A), (4021B), P. 60

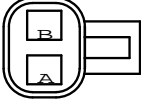






NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																															
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<p>DOOR LOCK DOOR POD (3211M) (LOCATED IN DOOR)</p>  <p>CONNECTOR 1671610C1 BODY LOCK 1671608C1</p>				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>T81C</td> <td>12</td> <td>LTGN</td> <td>2033816C1</td> <td>0589390C1</td> </tr> <tr> <td>B</td> <td>T81F</td> <td>12</td> <td>LTGN</td> <td>2033816C1</td> <td>0589390C1</td> </tr> </tbody> </table> <p style="text-align: center;">W/ DURASTAR</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	T81C	12	LTGN	2033816C1	0589390C1	B	T81F	12	LTGN	2033816C1	0589390C1												
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<p>COURTESY LIGHT (3400) (LOCATED IN DOOR(DRIVER AND PASSENGER))</p>  <p>CONNECTOR 1661259C1 BODY LOCK 1661263C1</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>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> <p style="text-align: center;">W/ DURASTAR</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	E63BB	18	DKBL	1661261C1		B	E63-G	18	WH	1661261C1													
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<p>MAXI FUSE HOLDER (4004) (LOCATED IN CAB)</p>  <p>CONNECTOR 3525613C1</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>M14L</td> <td>10</td> <td>RD</td> <td>3515522C1</td> <td>3515525C1</td> </tr> <tr> <td>A*</td> <td>M14WB</td> <td>12</td> <td>RD</td> <td>3614762C1</td> <td>3541256C1</td> </tr> <tr> <td>B*</td> <td>M103C</td> <td>12</td> <td>LTGN</td> <td>3614762C1</td> <td>3541256C1</td> </tr> <tr> <td>B*</td> <td>M14WB</td> <td>12</td> <td>RD</td> <td>3614762C1</td> <td>3541256C1</td> </tr> </tbody> </table> <p style="text-align: center;">* MUTUALLY EXCLUSIVE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	M14L	10	RD	3515522C1	3515525C1	A*	M14WB	12	RD	3614762C1	3541256C1	B*	M103C	12	LTGN	3614762C1	3541256C1	B*	M14WB	12	RD	3614762C1	3541256C1
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<p>TSS POWER FUSE HOLDER (4005) (LOCATED IN CAB)</p>  <p>CONNECTOR 3525613C1</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>M14L</td> <td>10</td> <td>RD</td> <td>3515522C1</td> <td>3515525C1</td> </tr> <tr> <td>B</td> <td>M14T</td> <td>10</td> <td>RD</td> <td>3515522C1</td> <td>3515525C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M14L	10	RD	3515522C1	3515525C1	B	M14T	10	RD	3515522C1	3515525C1												
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<p>WASHER PUMP (4021) (LOCATED ON FRONT SIDE OF WASHER BOTTLE ON LEFT FRAME RAIL)</p>  <p>CONNECTOR 3536864C1</p>				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M87KA</td> <td>16</td> <td>GY</td> <td>3561584C1</td> <td>3536868C1</td> </tr> <tr> <td>2</td> <td>M87BA</td> <td>18</td> <td>GY</td> <td>3561584C1</td> <td>3536868C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	M87KA	16	GY	3561584C1	3536868C1	2	M87BA	18	GY	3561584C1	3536868C1												
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<p>WASHER PUMP (4300 4X2)/ WASHER BOTTLE PUMP, RIGHT SIDE (4021A) (LOCATED ON FRONT SIDE OF WASHER BOTTLE ON LEFT FRAME RAIL)</p>  <p>CONNECTOR 3536864C1</p>				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1#</td> <td>M87KA</td> <td>16</td> <td>GY</td> <td>3561584C1</td> <td>3536868C1</td> </tr> <tr> <td>1*</td> <td>M87KA</td> <td>16</td> <td>GY</td> <td>3536865C1</td> <td>3536868C1</td> </tr> <tr> <td>2#</td> <td>M87BA</td> <td>18</td> <td>GY</td> <td>3561584C1</td> <td>3536868C1</td> </tr> <tr> <td>2*</td> <td>M87BA</td> <td>18</td> <td>GY</td> <td>3536865C1</td> <td>3536868C1</td> </tr> </tbody> </table> <p style="text-align: center;">* W/ CUMMINS ISB ENGINE AND W/I6 2010 SCR ENGINE # W/ IBB ENGINE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1#	M87KA	16	GY	3561584C1	3536868C1	1*	M87KA	16	GY	3536865C1	3536868C1	2#	M87BA	18	GY	3561584C1	3536868C1	2*	M87BA	18	GY	3536865C1	3536868C1
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<p>WASHER BOTTLE PUMP, LEFT SIDE/WASHER PUMP (4021B) (LOCATED ON FRONT SIDE OF WASHER BOTTLE ON LEFT FRAME RAIL)</p>  <p>CONNECTOR 3536864C1</p>				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M87KA</td> <td>16</td> <td>GY</td> <td>3561584C1</td> <td>3536868C1</td> </tr> <tr> <td>2</td> <td>M87BA</td> <td>18</td> <td>GY</td> <td>3561584C1</td> <td>3536868C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	M87KA	16	GY	3561584C1	3536868C1	2	M87BA	18	GY	3561584C1	3536868C1												
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0488	25JUN14	UPDATED R/D NAME	E	92603H	RELEASE NO.	DATE	PART NO.																														
					61229V	09JUN09	AE08058187 060																														

Figure 645 Connector Composites (3211M), (3400), (4004), (4005), (4021), (4021A), (4021B)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.129. CONNECTOR COMPOSITES (4022), (4022A), (4022B), (4031), (4032), P. 60A






NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																															
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<p style="text-align: center;">WASHER FLUID LEVEL SENSOR (4022) (LOCATED ON OUTBOARD SIDE OF WASHER BOTTLE ON LEFT FRAME RAIL. 4X4 4300 ONLY LOCATED ON RIGHT SIDE FRAME RAIL)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M87C</td> <td>18</td> <td>GY</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>2</td> <td>M9BB</td> <td>18</td> <td>GY</td> <td>3554322C1</td> <td>3554318C1</td> </tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 3554317C1</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	M87C	18	GY	3554322C1	3554318C1	2	M9BB	18	GY	3554322C1	3554318C1												
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1	M87C	18	GY	3554322C1	3554318C1																																
2	M9BB	18	GY	3554322C1	3554318C1																																
<p style="text-align: center;">FLOW SWITCH (4031) (LOCATED ON HYDROMAX UNIT ON LEFT SIDE OF DASH)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A90CA</td> <td>16</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>A90-G</td> <td>16</td> <td>WH</td> <td>2036586C1</td> </tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 2036584C1</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A90CA	16	GY	2036586C1	B	A90-G	16	WH	2036586C1															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																	
A	A90CA	16	GY	2036586C1																																	
B	A90-G	16	WH	2036586C1																																	
<p style="text-align: center;">DIFF PRESSURE SWITCH (4032) (LOCATED ON HYDROMAX UNIT ON LEFT SIDE OF DASH)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A90C1</td> <td>16</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>B</td> <td>A90B1</td> <td>16</td> <td>GY</td> <td>ASSY</td> </tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 3518873C91</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A90C1	16	GY	ASSY	B	A90B1	16	GY	ASSY															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																	
A	A90C1	16	GY	ASSY																																	
B	A90B1	16	GY	ASSY																																	
CMC	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																															
0488	25JUN14	UPDATED R/D NAME	C	92603H	MJV0088	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																															
4022A, 4022B.				RELEASE NO.	DATE	PART NO.	SHEET																														
				92218B	30JUL13	AE08058187	60A																														

Figure 646 Connector Composites (4022), (4022A), (4022B), (4031), (4032)

13.130. CONNECTOR COMPOSITES (4033), (4037), (4038), P. 60B

NAVISTAR, INC

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ELECTRICAL CIRCUIT DIAGRAM

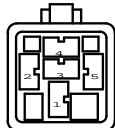
CHAPTER 13

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

BOOST PUMP RELAY

(4033)

(LOCATED ON HYDROMAX UNIT ON LEFT SIDE OF DASH)




CONNECTOR 1661747C91

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

HYD BRAKE LIGHT SWITCH

(4037)

(LOCATED ON EXTERIOR DASH NEAR DCM)



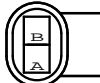
CONNECTOR 3522187C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	M90B	18	GY	3522190C1	3522193C1
2	M94BF	18	GY	3522190C1	3522193C1
3	PLUG	-	-	3522197C1	-

HYD BRAKES FLUID LEVEL SENSOR

(4038)

(LOCATED ON EXTERIOR DASH NEAR DCM)



CONNECTOR 2036583C1

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	MJVO370	CIRCUIT DIAGRAM, 42/42/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					92372W	14DEC13
					PART NO.	SHEET
					2036583C1	60B

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.131. CONNECTOR COMPOSITES (4040), (4041), (4042A), (4042B), (4042C), (4042D),
P. 61

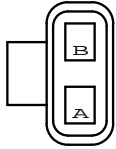
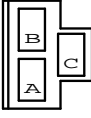
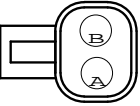
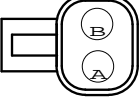
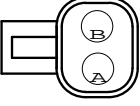
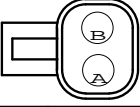
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																						
<p style="text-align: center;">MOTOR SENSOR FUSE (4040) (LOCATED NEAR HYDROMAX UNIT ON LEFT SIDE OF DASH)</p>  <p style="text-align: center;">CONNECTOR 1667639C1</p> <table border="1" style="width: 100%; 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>A90H</td> <td>14</td> <td>GY</td> <td>1661707C1</td> </tr> <tr> <td>B</td> <td>A90HA</td> <td>14</td> <td>GY</td> <td>1661707C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A90H	14	GY	1661707C1	B	A90HA	14	GY	1661707C1	<p style="text-align: center;">DIODE CONN (4041) (LOCATED NEAR HVAC MODULE IN IP)</p>  <p style="text-align: center;">CONNECTOR 0598839C1</p> <table border="1" style="width: 100%; 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>A90L</td> <td>18</td> <td>GY</td> <td>0333732C1</td> </tr> <tr> <td>B</td> <td>A90J</td> <td>18</td> <td>GY</td> <td>0333732C1</td> </tr> <tr> <td>C</td> <td>AP90K</td> <td>16</td> <td>GY</td> <td>0333732C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A90L	18	GY	0333732C1	B	A90J	18	GY	0333732C1	C	AP90K	16	GY	0333732C1
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 <p style="text-align: center;">RACOR FUEL HEATER (4042A) CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1" style="width: 100%; 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>N19A</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N19A-G</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	A	N19A	16	GY	2033819C1	1652325C1	B	N19A-G	16	WH	2033819C1	1652325C1																	
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 <p style="text-align: center;">RACOR FUEL HEATER (4042B) CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1" style="width: 100%; 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>N19B</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N19B-G</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	A	N19B	16	GY	2033819C1	1652325C1	B	N19B-G	16	WH	2033819C1	1652325C1																	
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B	N19B-G	16	WH	2033819C1	1652325C1																																					
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B	N19D-G	16	WH	2033819C1	1652325C1																																					
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0488	24MAR15	REVISED AND REDRAWN.	G	92927M	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																				
RELEASE NO.				DATE	PART NO.		SHEET																																			
61229V				09JUN09	AE08058187		061																																			

Figure 648 Connector Composites (4040), (4041), (4042A), (4042B), (4042C), (4042D)

13.132. CONNECTOR COMPOSITES (4060), P. 61A

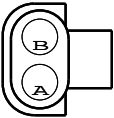
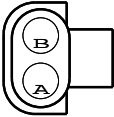
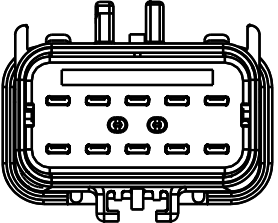
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																															
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<p>I6 ENGINE FUEL PUMP (4060) (LOCATED NEAR ENGINE)</p>  <p>CONNECTOR 0587567C91</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A*</td> <td>A37B</td> <td>18</td> <td>TN</td> <td>0587578C1</td> <td>3517771C1</td> </tr> <tr> <td>B*</td> <td>A37A</td> <td>16</td> <td>TN</td> <td>0587577C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">* W/I6 FUEL PUMP</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	A37B	18	TN	0587578C1	3517771C1	B*	A37A	16	TN	0587577C1	1652325C1																																																																																												
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<p>I6 ENGINE/IP FUEL PUMP (4060) (LOCATED NEAR ENGINE)</p>  <p>CONNECTOR 0587568C91</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>K97KU</td> <td>18</td> <td>PL</td> <td>0587576C1</td> <td>3517771C1</td> </tr> <tr> <td>B</td> <td>K97KV</td> <td>16</td> <td>PL</td> <td>0587575C1</td> <td>1652325C1</td> </tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K97KU	18	PL	0587576C1	3517771C1	B	K97KV	16	PL	0587575C1	1652325C1																																																																																												
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<p>FUEL PUMP/AMMETER/TWO WAY RADIO (4060) (LOCATED NEAR ENGINE)</p>  <p>CONNECTOR 6112506C1</p> <p style="font-size: x-small;">* N/ENGINE BODY BUILDER # W/ENGINE BODY BUILDER & W/CUMMINS ISB ENGINE</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>K97KU</td><td>18</td><td>PL</td><td>3618272C1</td></tr> <tr><td>1&</td><td>K92(+)</td><td>18</td><td>YL</td><td>3618272C1</td></tr> <tr><td>1&</td><td>K92(+)</td><td>18</td><td>DKBL</td><td>3618272C1</td></tr> <tr><td>2</td><td>K97KV</td><td>16</td><td>PL</td><td>3618273C1</td></tr> <tr><td>2&</td><td>K92(-)</td><td>18</td><td>GN</td><td>3618272C1</td></tr> <tr><td>2&</td><td>K92(-)</td><td>18</td><td>GY</td><td>3618272C1</td></tr> <tr><td>3</td><td>K10S</td><td>18</td><td>GY</td><td>3618272C1</td></tr> <tr><td>3</td><td>K41</td><td>18</td><td>TN</td><td>3618272C1</td></tr> <tr><td>4</td><td>K14HC</td><td>10</td><td>RD</td><td>3612308C1</td></tr> <tr><td>4</td><td>K14A</td><td>12</td><td>RD</td><td>3612308C1</td></tr> <tr><td>5</td><td>K14-GD</td><td>10</td><td>WH</td><td>3612308C1</td></tr> <tr><td>5</td><td>K14-G</td><td>12</td><td>WH</td><td>3612308C1</td></tr> <tr><td>6</td><td>K26A</td><td>14</td><td>TN</td><td>3618273C1</td></tr> <tr><td>6</td><td>K26B</td><td>18</td><td>TN</td><td>3618272C1</td></tr> <tr><td>7</td><td>K26B</td><td>14</td><td>TN</td><td>3618273C1</td></tr> <tr><td>7</td><td>K26A</td><td>18</td><td>TN</td><td>3618272C1</td></tr> <tr><td>8*</td><td>K97ST</td><td>18</td><td>PL</td><td>3618272C1</td></tr> <tr><td>8#</td><td>K97WS</td><td>18</td><td>PL</td><td>3618272C1</td></tr> <tr><td>8</td><td>K41-G</td><td>18</td><td>TN</td><td>3618272C1</td></tr> <tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>3573076C1</td></tr> <tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>3573076C1</td></tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K97KU	18	PL	3618272C1	1&	K92(+)	18	YL	3618272C1	1&	K92(+)	18	DKBL	3618272C1	2	K97KV	16	PL	3618273C1	2&	K92(-)	18	GN	3618272C1	2&	K92(-)	18	GY	3618272C1	3	K10S	18	GY	3618272C1	3	K41	18	TN	3618272C1	4	K14HC	10	RD	3612308C1	4	K14A	12	RD	3612308C1	5	K14-GD	10	WH	3612308C1	5	K14-G	12	WH	3612308C1	6	K26A	14	TN	3618273C1	6	K26B	18	TN	3618272C1	7	K26B	14	TN	3618273C1	7	K26A	18	TN	3618272C1	8*	K97ST	18	PL	3618272C1	8#	K97WS	18	PL	3618272C1	8	K41-G	18	TN	3618272C1	9	PLUG	-	-	3573076C1	10	PLUG	-	-	3573076C1
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2&	K92(-)	18	GY	3618272C1																																																																																																																	
3	K10S	18	GY	3618272C1																																																																																																																	
3	K41	18	TN	3618272C1																																																																																																																	
4	K14HC	10	RD	3612308C1																																																																																																																	
4	K14A	12	RD	3612308C1																																																																																																																	
5	K14-GD	10	WH	3612308C1																																																																																																																	
5	K14-G	12	WH	3612308C1																																																																																																																	
6	K26A	14	TN	3618273C1																																																																																																																	
6	K26B	18	TN	3618272C1																																																																																																																	
7	K26B	14	TN	3618273C1																																																																																																																	
7	K26A	18	TN	3618272C1																																																																																																																	
8*	K97ST	18	PL	3618272C1																																																																																																																	
8#	K97WS	18	PL	3618272C1																																																																																																																	
8	K41-G	18	TN	3618272C1																																																																																																																	
9	PLUG	-	-	3573076C1																																																																																																																	
10	PLUG	-	-	3573076C1																																																																																																																	
CNC	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																																															
0488	09SEP15	REVISED AND REDRAWN.	D	93248U	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																																																															
RELEASE NO.				DATE	PART NO.	SHEET																																																																																																															
61229V				09JUN09	AE08058187	61A																																																																																																															

Figure 649 Connector Composites (4060)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.133. CONNECTOR COMPOSITES (4060A), (4061), (4070), (4071), P. 61B

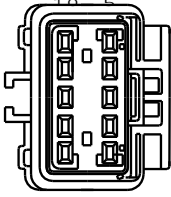
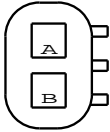
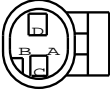
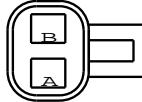
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																																									
<p style="text-align: center;">FUEL PUMP/AMMETER /TWO WAY RADIO (4060A)</p>  <p style="text-align: center;">6 1 CONNECTOR 3690369C1</p>				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>A37B</td><td>18</td><td>TN</td><td>3613771C1</td></tr> <tr><td>1*</td><td>A92(+)</td><td>18</td><td>YL</td><td>3613771C1</td></tr> <tr><td>2</td><td>A37A</td><td>16</td><td>TN</td><td>3613770C1</td></tr> <tr><td>2*</td><td>A92(-)</td><td>18</td><td>GN</td><td>3613771C1</td></tr> <tr><td>3</td><td>A10S</td><td>18</td><td>GY</td><td>3573077C1</td></tr> <tr><td>4</td><td>A14HF</td><td>14</td><td>RD</td><td>3613770C1</td></tr> <tr><td>4</td><td>A14HC</td><td>14</td><td>RD</td><td>3613770C1</td></tr> <tr><td>5</td><td>A11-GAP</td><td>14</td><td>WH</td><td>3613770C1</td></tr> <tr><td>6</td><td>A26A</td><td>18</td><td>TN</td><td>3573077C1</td></tr> <tr><td>7</td><td>A26B</td><td>18</td><td>TN</td><td>3573077C1</td></tr> <tr><td>8</td><td>A97ST</td><td>18</td><td>GY</td><td>3613771C1</td></tr> <tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>3573076C1</td></tr> <tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>3573076C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">* W/ EATON PROCISION XMSN W/FUSE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A37B	18	TN	3613771C1	1*	A92(+)	18	YL	3613771C1	2	A37A	16	TN	3613770C1	2*	A92(-)	18	GN	3613771C1	3	A10S	18	GY	3573077C1	4	A14HF	14	RD	3613770C1	4	A14HC	14	RD	3613770C1	5	A11-GAP	14	WH	3613770C1	6	A26A	18	TN	3573077C1	7	A26B	18	TN	3573077C1	8	A97ST	18	GY	3613771C1	9	PLUG	-	-	3573076C1	10	PLUG	-	-	3573076C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																									
1	A37B	18	TN	3613771C1																																																																									
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2*	A92(-)	18	GN	3613771C1																																																																									
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4	A14HF	14	RD	3613770C1																																																																									
4	A14HC	14	RD	3613770C1																																																																									
5	A11-GAP	14	WH	3613770C1																																																																									
6	A26A	18	TN	3573077C1																																																																									
7	A26B	18	TN	3573077C1																																																																									
8	A97ST	18	GY	3613771C1																																																																									
9	PLUG	-	-	3573076C1																																																																									
10	PLUG	-	-	3573076C1																																																																									
<p style="text-align: center;">IP/ENG AMMETER (4061) (LOCATED ON FRONT CENTER DASH PANEL)</p>  <p style="text-align: center;">CONNECTOR 1671611C1 BODY LOCK 1671608C1</p>				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>A26A</td><td>18</td><td>TN</td><td>2033911C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>A26B</td><td>18</td><td>TN</td><td>2033911C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A26A	18	TN	2033911C1	1652325C1	B	A26B	18	TN	2033911C1	1652325C1																																																				
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																								
A	A26A	18	TN	2033911C1	1652325C1																																																																								
B	A26B	18	TN	2033911C1	1652325C1																																																																								
<p style="text-align: center;">PRESSURE SWITCH (4070) (LOCATED ON EXTERIOR DASH NEAR IP / FORWARD PASS THRU)</p>  <p style="text-align: center;">CONNECTOR 1661777C1 BODY LOCK 1661873C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>-</td></tr> <tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>-</td></tr> <tr><td>C</td><td>M44J</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>D</td><td>M44K</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	PLUG	-	-	2025431C1	-	B	PLUG	-	-	2025431C1	-	C	M44J	18	GY	1661875C1	1661872C1	D	M44K	18	GY	1661875C1	1661872C1	<p style="text-align: center;">DUMP SOLENOID (4071) (LOCATED ON EXTERIOR DASH NEAR IP / FORWARD PASS THRU)</p>  <p style="text-align: center;">CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>M44K</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>M44L</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M44K	18	GY	2033819C1	1652325C1	B	M44L	18	GY	2033819C1	1652325C1																						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																								
A	PLUG	-	-	2025431C1	-																																																																								
B	PLUG	-	-	2025431C1	-																																																																								
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B	M44L	18	GY	2033819C1	1652325C1																																																																								
CHK		DATE		CHANGE		REV		REFERENCE		DRAWN		NAME																																																																	
MJVO		08MAR16		ADDED CIRC A92(+) AND C		93408J		MJVO195		CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500		AE08058187																																																																	
A92(-)		IN R/D 4060A.		92218B		30JUL13		61B		PART NO.		SHEET																																																																	

Figure 650 Connector Composites (4060A), (4061), (4070), (4071)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.134. CONNECTOR COMPOSITES (4087), (4087B), (4111M), (4120), P. 62

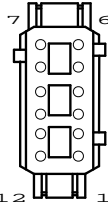
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CHAPTER 13

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

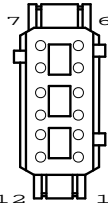
PAM MODULE
(4087)
(LOCATED ON EXTERIOR DASH NEAR HVAC UNIT)



CONNECTOR 3553404C1
BODY LOCK 3553460C1

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	All-GBD	18	WH	3518963C1


LEFT PAM MODULE
(4087B)
(LOCATED ON EXTERIOR DASH NEAR HVAC UNIT)



CONNECTOR 3553404C1
BODY LOCK 3553460C1

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	All-GBD	18	WH	3518963C1

FAN AIR SOLENOID
(4111M)
(LOCATED NEAR ENGINE FAN DRIVE)

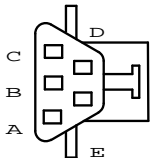


CONNECTOR 3522068C1
BODY LOCK 1661874C1

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

& W/ I6 ENGINE
* W/ I6 2010 SCR ENGINE

SNOW VALVE
(4120)
(LOCATED ON AIR CLEANER)



CONNECTOR 3522251C1
BODY LOCK 3522253C1

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

* MUTUALLY EXCLUSIVE

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 651 Connector Composites (4087), (4087B), (4111M), (4120)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.135. CONNECTOR COMPOSITES (4320), (4321), (4322), P. 63

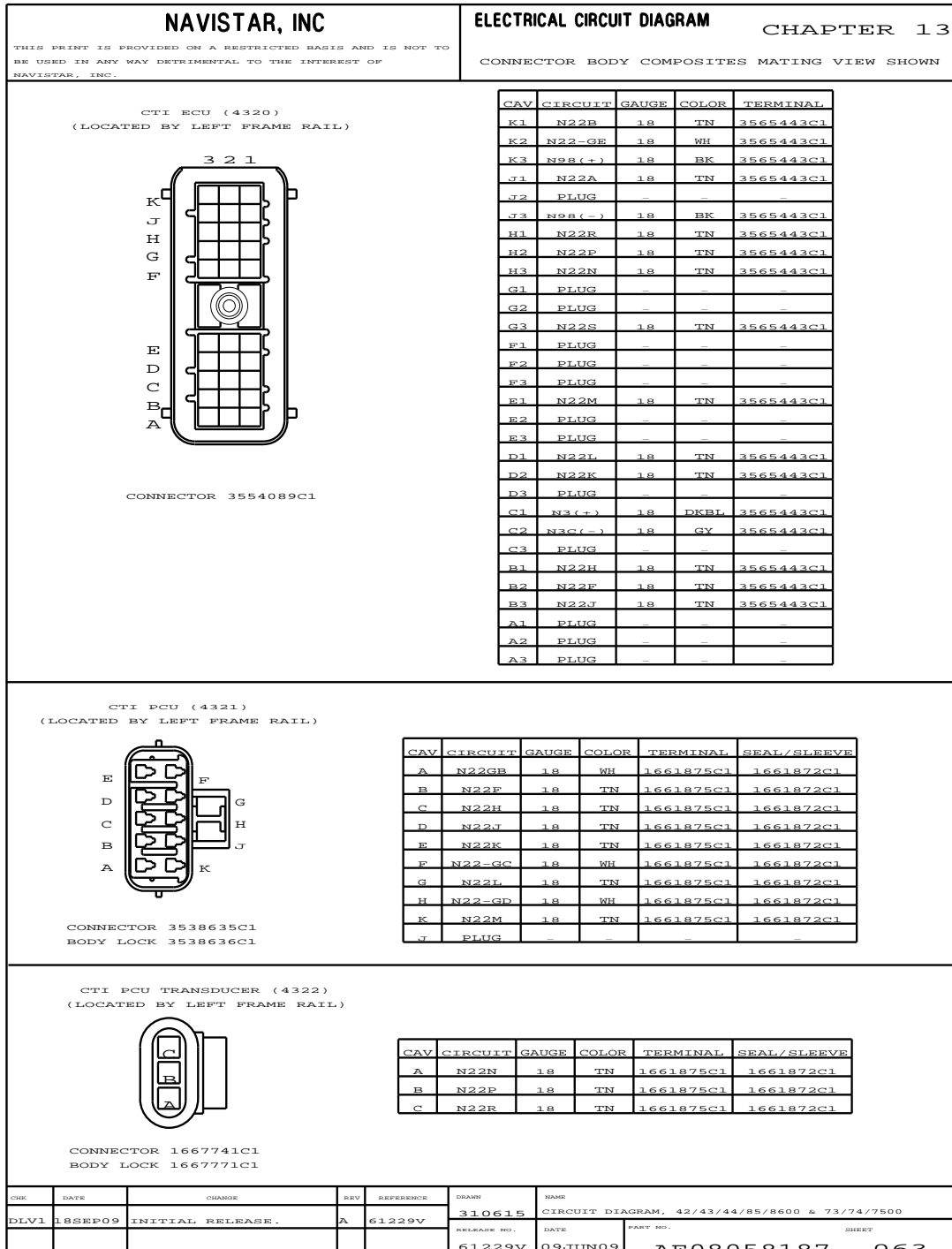


Figure 652 Connector Composites (4320), (4321), (4322)

13.136. CONNECTOR COMPOSITES (4323), (4328), (4410D), (4410E), P. 64

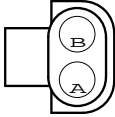

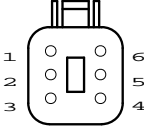
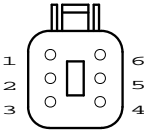
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM																																																																																			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CHAPTER 13																																																																																			
<p style="text-align: center;">PRESSURE SW (4323) (LOCATED BY LEFT FRAME RAIL)</p>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N22S</td> <td>18</td> <td>TN</td> <td>0587576C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N22-GF</td> <td>18</td> <td>WH</td> <td>0587576C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p style="text-align: center;">CONNECTOR 0587568C91</p> <p style="text-align: right;">W/ WORKSTAR</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N22S	18	TN	0587576C1	1652325C1	B	N22-GF	18	WH	0587576C1	1652325C1	<p style="text-align: center;">ENGINE DIAGNOSTICS CONNECTOR (4328) (LOCATED NEAR ENGINE)</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>K98YL</td> <td>20</td> <td>YL</td> <td>1651987C1</td> </tr> <tr> <td>B</td> <td>K98GN</td> <td>20</td> <td>GN</td> <td>1651987C1</td> </tr> <tr> <td>C</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> <p style="text-align: center;">CONNECTOR 3602454C1 BODY LOCK 1655705C1</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K98YL	20	YL	1651987C1	B	K98GN	20	GN	1651987C1	C	PLUG	-	-	-																																										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																		
A	N22S	18	TN	0587576C1	1652325C1																																																																																		
B	N22-GF	18	WH	0587576C1	1652325C1																																																																																		
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B	K98GN	20	GN	1651987C1																																																																																			
C	PLUG	-	-	-																																																																																			
<p style="text-align: center;">REMOTE POWER MODULE DATALINK & LOGIC POWER (4410D) (LOCATED NEAR LEFT FRAME RAIL BACK OF CAB)</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>PLUG</td> <td>-</td> <td>-</td> <td>0453133C1</td> </tr> <tr> <td>2</td> <td>N10-GR</td> <td>14</td> <td>WH</td> <td>2034787C1</td> </tr> <tr> <td>3</td> <td>NSF(+)</td> <td>18</td> <td>YL</td> <td>1680205C1</td> </tr> <tr> <td>4</td> <td>NSF(-)</td> <td>18</td> <td>GN</td> <td>1680205C1</td> </tr> <tr> <td>5</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>0453133C1</td> </tr> <tr> <td>6</td> <td>N20</td> <td>16</td> <td>LTGN</td> <td>1680205C1</td> </tr> </tbody> </table> <p style="text-align: center;">CONNECTOR 3572899C1 BODY LOCK 2005242C1</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	PLUG	-	-	0453133C1	2	N10-GR	14	WH	2034787C1	3	NSF(+)	18	YL	1680205C1	4	NSF(-)	18	GN	1680205C1	5	PLUG	-	-	0453133C1	6	N20	16	LTGN	1680205C1	<p style="text-align: center;">REMOTE POWER MODULE (4410E) DATALINK & LOGIC POWER (LOCATED NEAR LEFT FRAME RAIL BACK OF CAB)</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>PLUG</td> <td>-</td> <td>-</td> <td>0453133C1</td> </tr> <tr> <td>2</td> <td>N10-GE</td> <td>14</td> <td>WH</td> <td>2034787C1</td> </tr> <tr> <td>3</td> <td>NSF(+)</td> <td>18</td> <td>YL</td> <td>3572625C1</td> </tr> <tr> <td>3*</td> <td>NSF(+)</td> <td>18</td> <td>YL</td> <td>1686205C1</td> </tr> <tr> <td>4</td> <td>NSF(-)</td> <td>18</td> <td>GN</td> <td>3572625C1</td> </tr> <tr> <td>4*</td> <td>NSF(-)</td> <td>18</td> <td>GN</td> <td>1686205C1</td> </tr> <tr> <td>5</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>0453133C1</td> </tr> <tr> <td>6</td> <td>N20A</td> <td>16</td> <td>LTGN</td> <td>1680205C1</td> </tr> </tbody> </table> <p style="text-align: center;">CONNECTOR 3572899C1 BODY LOCK 2005242C1</p> <p style="text-align: right;">W/ WORKSTAR AND DURASTAR * W/ RPU BOC & EOF DATALINK W/ MIDCAB</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	PLUG	-	-	0453133C1	2	N10-GE	14	WH	2034787C1	3	NSF(+)	18	YL	3572625C1	3*	NSF(+)	18	YL	1686205C1	4	NSF(-)	18	GN	3572625C1	4*	NSF(-)	18	GN	1686205C1	5	PLUG	-	-	0453133C1	6	N20A	16	LTGN	1680205C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																			
1	PLUG	-	-	0453133C1																																																																																			
2	N10-GR	14	WH	2034787C1																																																																																			
3	NSF(+)	18	YL	1680205C1																																																																																			
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CNC	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																	
0488	25JUN14	ADDED CIRC NSF(+) AND E	92603H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																																		
	NSF(-) TO R/D 4410E.			61229V	DATE	PART NO.	SHEET																																																																																
					09JUN09	AE08058187	064																																																																																

Figure 653 Connector Composites (4323), (4328), (4410D), (4410E)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.137. CONNECTOR COMPOSITES (4410F), (4410G), (4410H), P. 65

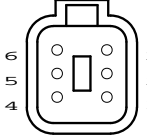
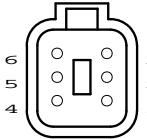
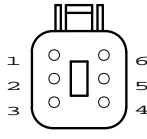
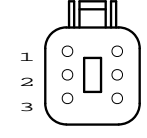
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																													
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																															
<p style="text-align: center;">REMOTE POWER MODULE DATALINK & LOGIC POWER (4410F) (LOCATED BETWEEN CENTER CHASSIS AND REAR CHASSIS)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>2</td><td>N10-GR</td><td>14</td><td>WH</td><td>2034787C1</td></tr> <tr><td>3</td><td>N5E(+)</td><td>18</td><td>YL</td><td>1680205C1</td></tr> <tr><td>4</td><td>N5E(-)</td><td>18</td><td>GN</td><td>1680205C1</td></tr> <tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>6</td><td>N20</td><td>16</td><td>LT GN</td><td>1680205C1</td></tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 3572899C1 BODY LOCK 2005242C1</p> <p style="text-align: right;">W/ WORKSTAR</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	PLUG	-	-	0453133C1	2	N10-GR	14	WH	2034787C1	3	N5E(+)	18	YL	1680205C1	4	N5E(-)	18	GN	1680205C1	5	PLUG	-	-	0453133C1	6	N20	16	LT GN	1680205C1																									
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<p style="text-align: center;">REMOTE POWER MODULE DATALINK & LOGIC POWER (4410F) (LOCATED BETWEEN CENTER CHASSIS AND REAR CHASSIS)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1#</td><td>R52</td><td>14</td><td>GY</td><td>2034788C1</td></tr> <tr><td>1-</td><td>R52C</td><td>14</td><td>GY</td><td>2034788C1</td></tr> <tr><td>2#</td><td>R10-GPM</td><td>14</td><td>WH</td><td>2034788C1</td></tr> <tr><td>2*</td><td>R10-GPN</td><td>14</td><td>WH</td><td>2034788C1</td></tr> <tr><td>3#</td><td>R1(+)</td><td>18</td><td>YL</td><td>3572626C1</td></tr> <tr><td>3*</td><td>R1A(+)</td><td>18</td><td>YL</td><td>3572626C1</td></tr> <tr><td>4#</td><td>R1(-)</td><td>18</td><td>GN</td><td>3572626C1</td></tr> <tr><td>4*</td><td>R1A(-)</td><td>18</td><td>GN</td><td>3572626C1</td></tr> <tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>6#</td><td>R14</td><td>16</td><td>RD</td><td>1680206C1</td></tr> <tr><td>6*</td><td>R14D</td><td>16</td><td>RD</td><td>1680206C1</td></tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 3572900C1 BODY LOCK 2005243C1</p> <p style="text-align: right;">* FOR AIR SOLENOID # FOR REMOTE POWER FOF</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1#	R52	14	GY	2034788C1	1-	R52C	14	GY	2034788C1	2#	R10-GPM	14	WH	2034788C1	2*	R10-GPN	14	WH	2034788C1	3#	R1(+)	18	YL	3572626C1	3*	R1A(+)	18	YL	3572626C1	4#	R1(-)	18	GN	3572626C1	4*	R1A(-)	18	GN	3572626C1	5	PLUG	-	-	0453133C1	6#	R14	16	RD	1680206C1	6*	R14D	16	RD	1680206C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																															
1#	R52	14	GY	2034788C1																																																															
1-	R52C	14	GY	2034788C1																																																															
2#	R10-GPM	14	WH	2034788C1																																																															
2*	R10-GPN	14	WH	2034788C1																																																															
3#	R1(+)	18	YL	3572626C1																																																															
3*	R1A(+)	18	YL	3572626C1																																																															
4#	R1(-)	18	GN	3572626C1																																																															
4*	R1A(-)	18	GN	3572626C1																																																															
5	PLUG	-	-	0453133C1																																																															
6#	R14	16	RD	1680206C1																																																															
6*	R14D	16	RD	1680206C1																																																															
<p style="text-align: center;">REMOTE POWER MODULE DATALINK & LOGIC POWER (4410G) (LOCATED BETWEEN CENTER CHASSIS AND REAR CHASSIS)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>2</td><td>N10-GR</td><td>14</td><td>WH</td><td>2034787C1</td></tr> <tr><td>3</td><td>N5E(+)</td><td>18</td><td>YL</td><td>1680205C1</td></tr> <tr><td>4</td><td>N5E(-)</td><td>18</td><td>GN</td><td>1680205C1</td></tr> <tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>6</td><td>N20</td><td>16</td><td>LTGN</td><td>1680205C1</td></tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 3572899C1 BODY LOCK 2005242C1</p> <p style="text-align: right;">W/ WORKSTAR</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	PLUG	-	-	0453133C1	2	N10-GR	14	WH	2034787C1	3	N5E(+)	18	YL	1680205C1	4	N5E(-)	18	GN	1680205C1	5	PLUG	-	-	0453133C1	6	N20	16	LTGN	1680205C1																									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																															
1	PLUG	-	-	0453133C1																																																															
2	N10-GR	14	WH	2034787C1																																																															
3	N5E(+)	18	YL	1680205C1																																																															
4	N5E(-)	18	GN	1680205C1																																																															
5	PLUG	-	-	0453133C1																																																															
6	N20	16	LTGN	1680205C1																																																															
<p style="text-align: center;">REMOTE POWER MODULE DATALINK & LOGIC POWER (4410H) (LOCATED BETWEEN CENTER CHASSIS AND REAR CHASSIS)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>2*</td><td>N10-GS</td><td>14</td><td>WH</td><td>2034787C1</td></tr> <tr><td>2</td><td>N10-GP</td><td>14</td><td>WH</td><td>2034787C1</td></tr> <tr><td>3</td><td>N5E(+)</td><td>18</td><td>YL</td><td>1680205C1</td></tr> <tr><td>3*</td><td>N5E(+)</td><td>18</td><td>YL</td><td>1680205C1</td></tr> <tr><td>4</td><td>N5E(-)</td><td>18</td><td>GN</td><td>1680205C1</td></tr> <tr><td>4*</td><td>N5E(-)</td><td>18</td><td>GN</td><td>1680205C1</td></tr> <tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>6*</td><td>N20</td><td>16</td><td>LTGN</td><td>1680205C1</td></tr> <tr><td>6</td><td>N20A</td><td>16</td><td>LTGN</td><td>1680205C1</td></tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 3572899C1 BODY LOCK 2005242C1</p> <p style="text-align: right;">* FOR RPU EOF DATALINK # FOR RPU EOC & EOF DATALINK</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	PLUG	-	-	0453133C1	2*	N10-GS	14	WH	2034787C1	2	N10-GP	14	WH	2034787C1	3	N5E(+)	18	YL	1680205C1	3*	N5E(+)	18	YL	1680205C1	4	N5E(-)	18	GN	1680205C1	4*	N5E(-)	18	GN	1680205C1	5	PLUG	-	-	0453133C1	6*	N20	16	LTGN	1680205C1	6	N20A	16	LTGN	1680205C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																															
1	PLUG	-	-	0453133C1																																																															
2*	N10-GS	14	WH	2034787C1																																																															
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3	N5E(+)	18	YL	1680205C1																																																															
3*	N5E(+)	18	YL	1680205C1																																																															
4	N5E(-)	18	GN	1680205C1																																																															
4*	N5E(-)	18	GN	1680205C1																																																															
5	PLUG	-	-	0453133C1																																																															
6*	N20	16	LTGN	1680205C1																																																															
6	N20A	16	LTGN	1680205C1																																																															
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																													
0488	25JUN14	ADDED R/D 4410G.	D	92603H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																													
RELEASE NO.		DATE		PART NO.		SHEET																																																													
61229V		09JUN09		AE08058187		065																																																													

Figure 654 Connector Composites (4410F), (4410G), (4410H)

13.138. CONNECTOR COMPOSITES (4410J), (4410K), (4410L), P. 65A

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

REMOTE POWER MODULE DATALINK & LOGIC POWER
(4410J)
(LOCATED NEAR END OF FRAME)

CONNECTOR 3572899C1
BODY LOCK 2005242C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	PLUG	-	-	0453133C1
2	N10-GP	14	WH	2034787C1
3	N5F(+)	18	YL	1680205C1
4	N5F(-)	18	GN	1680205C1
5	PLUG	-	-	0453133C1
6	N20A	16	LT GN	1680205C1

2ND AIR SOLENOID 7-PAK
(4410K)
(LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)

CONNECTOR 3572899C1
BODY LOCK 2005242C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	R59C	14	GY	2034787C1
2	R10-GEN	14	WH	2034787C1
3	R1A(+)	18	YL	3572625C1
4	R1A(-)	18	GN	3572625C1
5	PLUG	-	-	0453133C1
6	R14D	16	RD	3572625C1

1ST AIR SOLENOID 7-PAK
(4410L)
(LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)

CONNECTOR 3572899C1
BODY LOCK 2005242C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	R59D	14	GY	2034787C1
2	R10-GPN	14	WH	2034787C1
3	R1B(+)	18	YL	1680205C1
4	R1B(-)	18	GN	1680205C1
5	PLUG	-	-	0453133C1
6	R14E	16	RD	1680205C1

REMOTE POWER MODULE DATALINK & LOGIC POWER
(4410L)
(LOCATED BETWEEN CENTER CHASSIS AND REAR CHASSIS)

CONNECTOR 3572899C1
BODY LOCK 2005242C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	PLUG	-	-	0453133C1
2	N10-GS	14	WH	2034787C1
2	N10-GP	14	WH	2034787C1
3	N5F(+)	18	YL	1680205C1
3	N5E(+)	18	YL	1680205C1
4	N5F(-)	18	GN	1680205C1
4	N5E(-)	18	GN	1680205C1
5	PLUG	-	-	0453133C1
6	N20A	16	LT GN	1680205C1
6	N20	16	LT GN	1680205C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0488	25JUN14	ADDED R/D 4410J, 4410L, B	92603H		MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
	MVD R/D	4410M AND 4411 ON SHEET 45B.			92218B	30JUL13
						PART NO. AE08058187 SHEET 65A

Figure 655 Connector Composites (4410J), (4410K), (4410L)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.139. CONNECTOR COMPOSITES (4410M), (4411), P. 65B

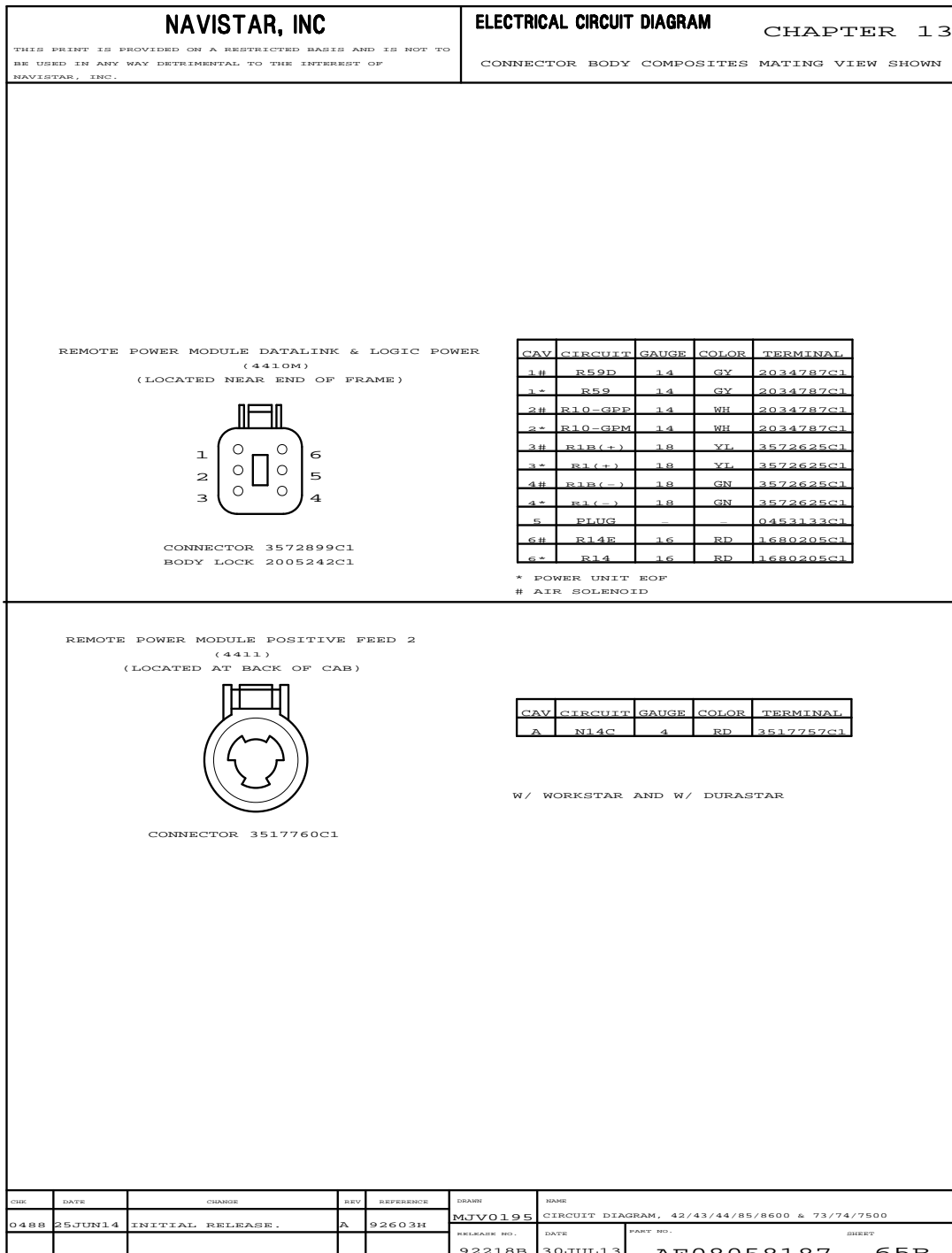


Figure 656 Connector Composites (4410M), (4411)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.140. CONNECTOR COMPOSITES (4411A1), (4411A2), (4411A3), (4411A4), (4411A5), (4411A6), (4411A7), (4411A8), P. 66

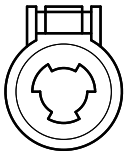
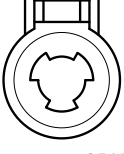
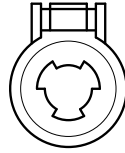
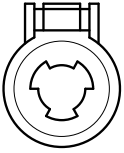


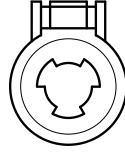
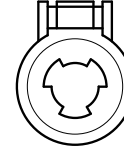
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13									
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.										CONNECTOR BODY COMPOSITES MATING VIEW SHOWN									
REMOTE POWER MODULE POSITIVE FEED (4411A1) (LOCATED AT BACK OF CAB)																			
																			
CONNECTOR 3517760C1																			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL															
A	N14H	4	RD	3517757C1															
REMOTE POWER MODULE POSITIVE FEED (4411A2) (LOCATED AT BACK OF CAB)																			
																			
CONNECTOR 3517760C1																			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL															
A	N14CY	4	RD	3517757C1															
REMOTE POWER MODULE POSITIVE FEED (4411A3) (LOCATED AT BACK OF CAB)																			
																			
CONNECTOR 3517760C1																			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL															
A	N14E	4	RD	3517757C1															
REMOTE POWER MODULE POSITIVE FEED (4411A4) (LOCATED AT BACK OF CAB)																			
																			
CONNECTOR 3517760C1																			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL															
A	N14H	4	RD	3517757C1															
REMOTE POWER MODULE POSITIVE FEED (4411A5) (LOCATED AT BACK OF CAB)																			
																			
CONNECTOR 3517760C1																			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL															
A	N14CZ	4	RD	3517757C1															
REMOTE POWER MODULE POSITIVE FEED (4411A6) (LOCATED AT BACK OF CAB)																			
																			
CONNECTOR 3517760C1																			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL															
A	N14E	4	RD	3517757C1															
REMOTE POWER MODULE POSITIVE FEED (4411A7) (LOCATED AT BACK OF CAB)																			
																			
CONNECTOR 3517760C1																			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL															
A	N14CX	4	RD	3517757C1															
REMOTE POWER MODULE POSITIVE FEED (4411A8) (LOCATED AT BACK OF CAB)																			
																			
CONNECTOR 3517760C1																			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL															
A	N14C	4	RD	3517757C1															
CHK	DATE	CHANGE	REV	REFERENCE	DIAGN	NAME													
					310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500													
0488	25JUN14	REVISED AND REDRAWN.	E	92603H	RELEASE NO.	DATE	PART NO.	SHEET											
					61229V	09JUN09	AE08058187	066											

Figure 657 Connector Composites (4411A1), (4411A2), (4411A3), (4411A4), (4411A5), (4411A6), (4411A7), (4411A8)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.141. CONNECTOR COMPOSITES (4411A9), (4411F), (4411M), (4411M1), (4411M2), P. 66A

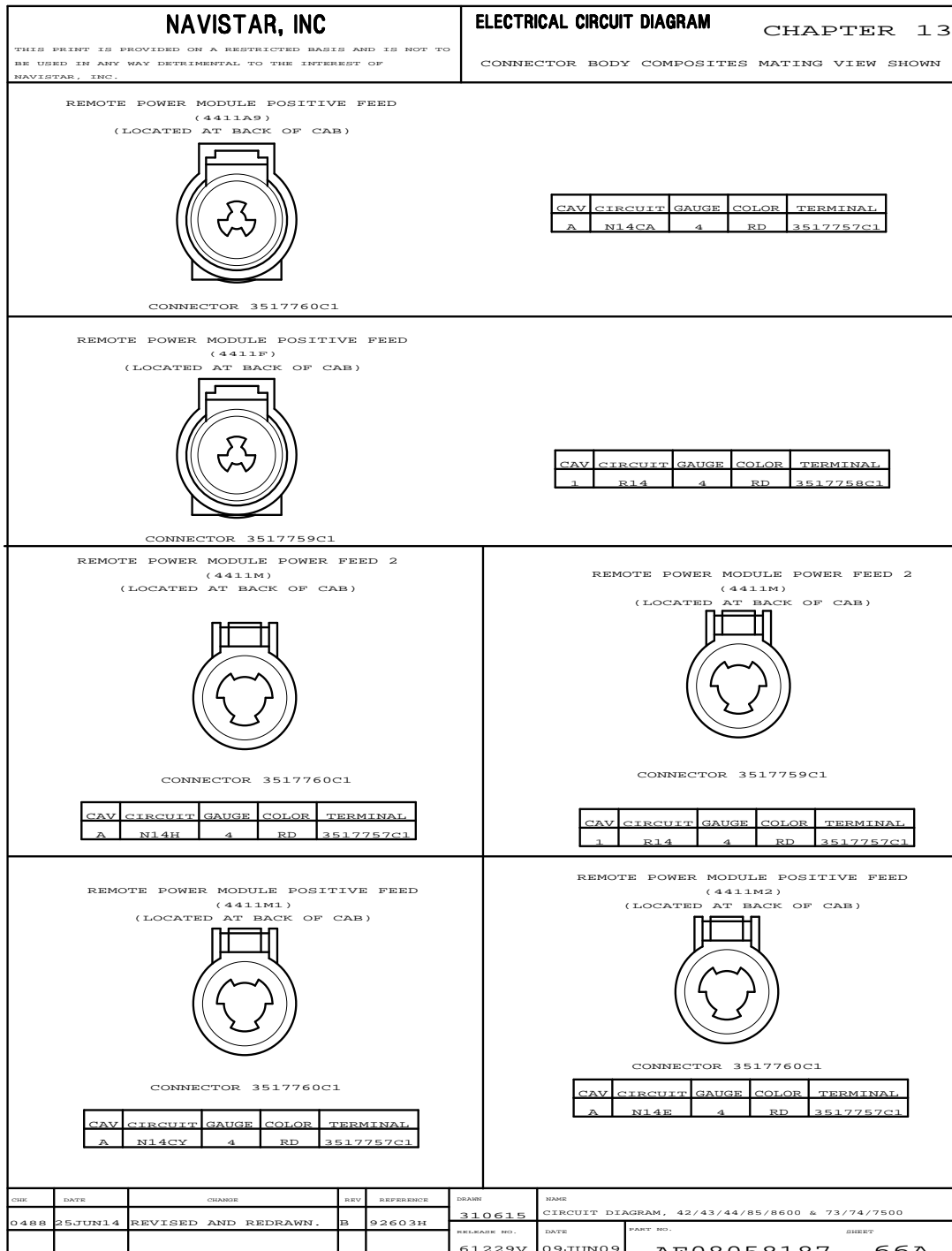


Figure 658 Connector Composites (4411A9), (4411F), (4411M), (4411M1), (4411M2)

13.142. CONNECTOR COMPOSITES (4411M4), (4411M5), (4411M6), (4411M7), (4411N), P. 66B


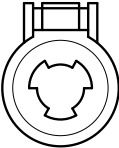
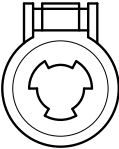
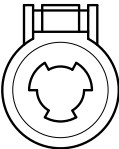

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THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																			
REMOTE POWER MODULE POSITIVE FEED 2 (4411M4) (LOCATED AT BACK OF CAB)																								
					<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>A</td> <td>N14CZ</td> <td>4</td> <td>RD</td> <td>3517757C1</td> </tr> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	N14CZ	4	RD	3517757C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																				
A	N14CZ	4	RD	3517757C1																				
CONNECTOR 3517760C1																								
REMOTE POWER MODULE POSITIVE FEED (4411M5) (LOCATED AT BACK OF CAB)																								
					<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>A</td> <td>N14H</td> <td>4</td> <td>RD</td> <td>3517757C1</td> </tr> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	N14H	4	RD	3517757C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																				
A	N14H	4	RD	3517757C1																				
CONNECTOR 3517760C1																								
REMOTE POWER MODULE POSITIVE FEED (4411M6) (LOCATED AT BACK OF CAB)																								
					<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>A</td> <td>N14E</td> <td>4</td> <td>RD</td> <td>3517757C1</td> </tr> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	N14E	4	RD	3517757C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																				
A	N14E	4	RD	3517757C1																				
CONNECTOR 3517760C1																								
W/ WORKSTAR																								
RPM POSITIVE FEED (4411M7) (LOCATED AT BACK OF CAB)																								
					<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>A</td> <td>N14CX</td> <td>4</td> <td>RD</td> <td>3517757C1</td> </tr> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	N14CX	4	RD	3517757C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																				
A	N14CX	4	RD	3517757C1																				
CONNECTOR 3517760C1																								
W/ WORKSTAR																								
REMOTE POWER MODULE POSITIVE FEED (4411N) (LOCATED AT BACK OF CAB)																								
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																				
1	B14	4	RD	3517758C1																				
CONNECTOR 3517759C1																								
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																		
0488	25JUN14	REVISED AND REDRAWN.	B	92603H	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																		
					RELEASE NO.	DATE	PART NO.	SHEET																
					92218B	30JUL13	AE08058187	66B																

Figure 659 Connector Composites (4411M4), (4411M5), (4411M6), (4411M7), (4411N)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.143. CONNECTOR COMPOSITES (4411P), (4412A1), (4412A2), (4412F), (4413A1), (4413A2), (4413A3), (4413A4), P. 66C

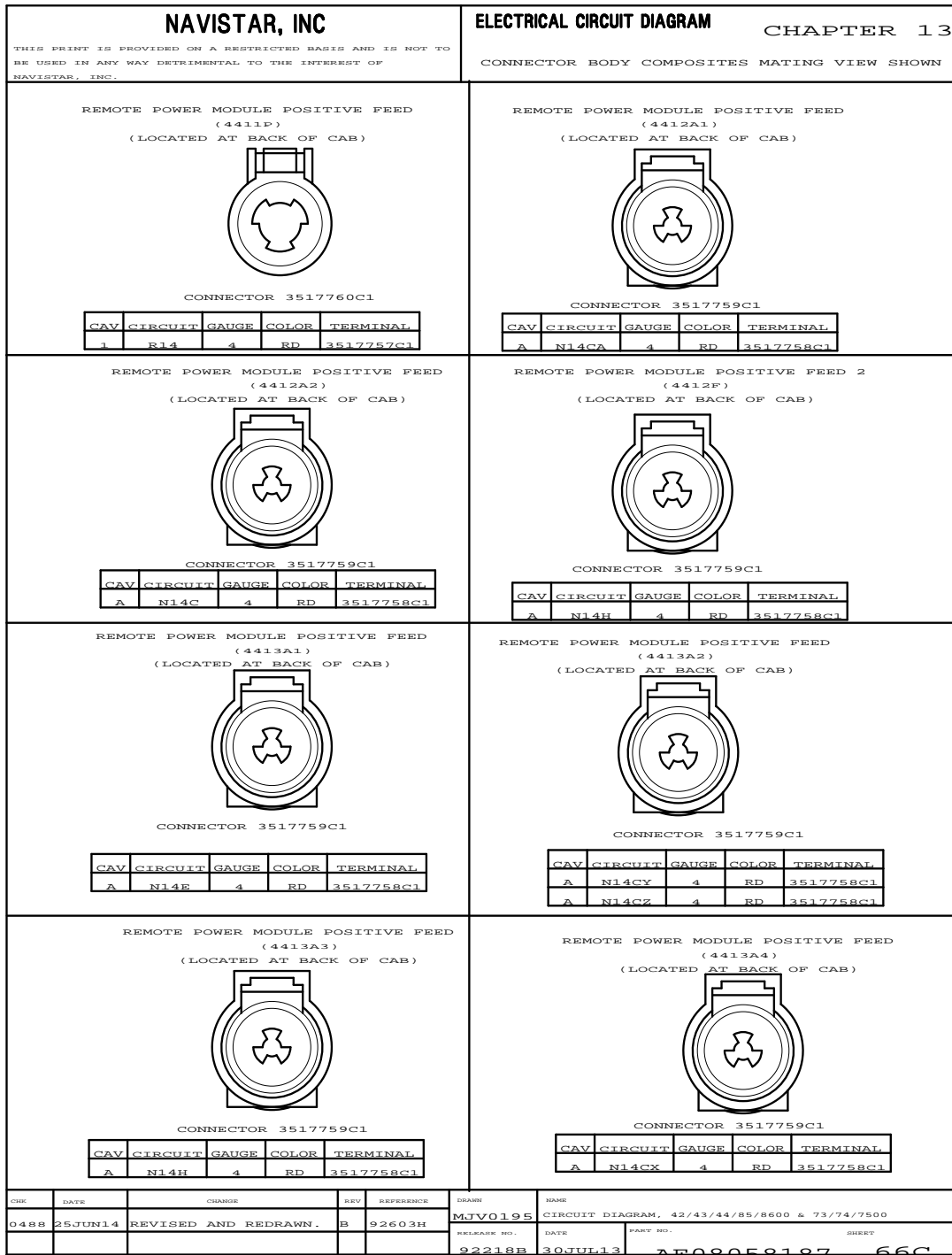


Figure 660 Connector Composites (4411P), (4412A1), (4412A2), (4412F), (4413A1), (4413A2), (4413A3), (4413A4)

13.144. CONNECTOR COMPOSITES (4413F), (4413F1), (4413F2), P. 66D




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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">REMOTE POWER MODULE POSITIVE FEED (4413F) (LOCATED AT BACK OF CAB)</p>  <p style="text-align: center;">CONNECTOR 3517759C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; 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>N14C</td> <td>4</td> <td>RD</td> <td>3517758C1</td> </tr> </tbody> </table> <p style="font-size: x-small; text-align: center;">W/ WORKSTAR AND W/ DURASTAR</p> </div> </div>									CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	N14C	4	RD	3517758C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																			
A	N14C	4	RD	3517758C1																			
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">REMOTE POWER MODULE POSITIVE FEED (4413F1) (LOCATED AT BACK OF CAB)</p>  <p style="text-align: center;">CONNECTOR 3517759C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; 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>N14CY</td> <td>4</td> <td>RD</td> <td>3517758C1</td> </tr> <tr> <td>A*</td> <td>N14CZ</td> <td>4</td> <td>RD</td> <td>3517758C1</td> </tr> </tbody> </table> <p style="font-size: x-small; text-align: center;"># W/ WORKSTAR * W/ DURASTAR</p> </div> </div>									CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A#	N14CY	4	RD	3517758C1	A*	N14CZ	4	RD	3517758C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																			
A#	N14CY	4	RD	3517758C1																			
A*	N14CZ	4	RD	3517758C1																			
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">REMOTE POWER MODULE POSITIVE FEED (4413F2) (LOCATED AT BACK OF CAB)</p>  <p style="text-align: center;">CONNECTOR 3517759C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; 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>N14E</td> <td>4</td> <td>RD</td> <td>3517758C1</td> </tr> </tbody> </table> </div> </div>									CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	N14E	4	RD	3517758C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																			
1	N14E	4	RD	3517758C1																			
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																	
0488	25JUN14	ADDED R/D 4413F, 4413F1B	92603H	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																		
AND 4413F2.MVD PREVIOUS R/D'S					RELEASE NO.	DATE	PART NO.	SHEET															
					92218B	30JUL13	AE08058187	66D															

Figure 661 Connector Composites (4413F), (4413F1), (4413F2)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.145. CONNECTOR COMPOSITES (4413F3), (4413F4), (4414), (4450AM), (4450BM), P. 66E

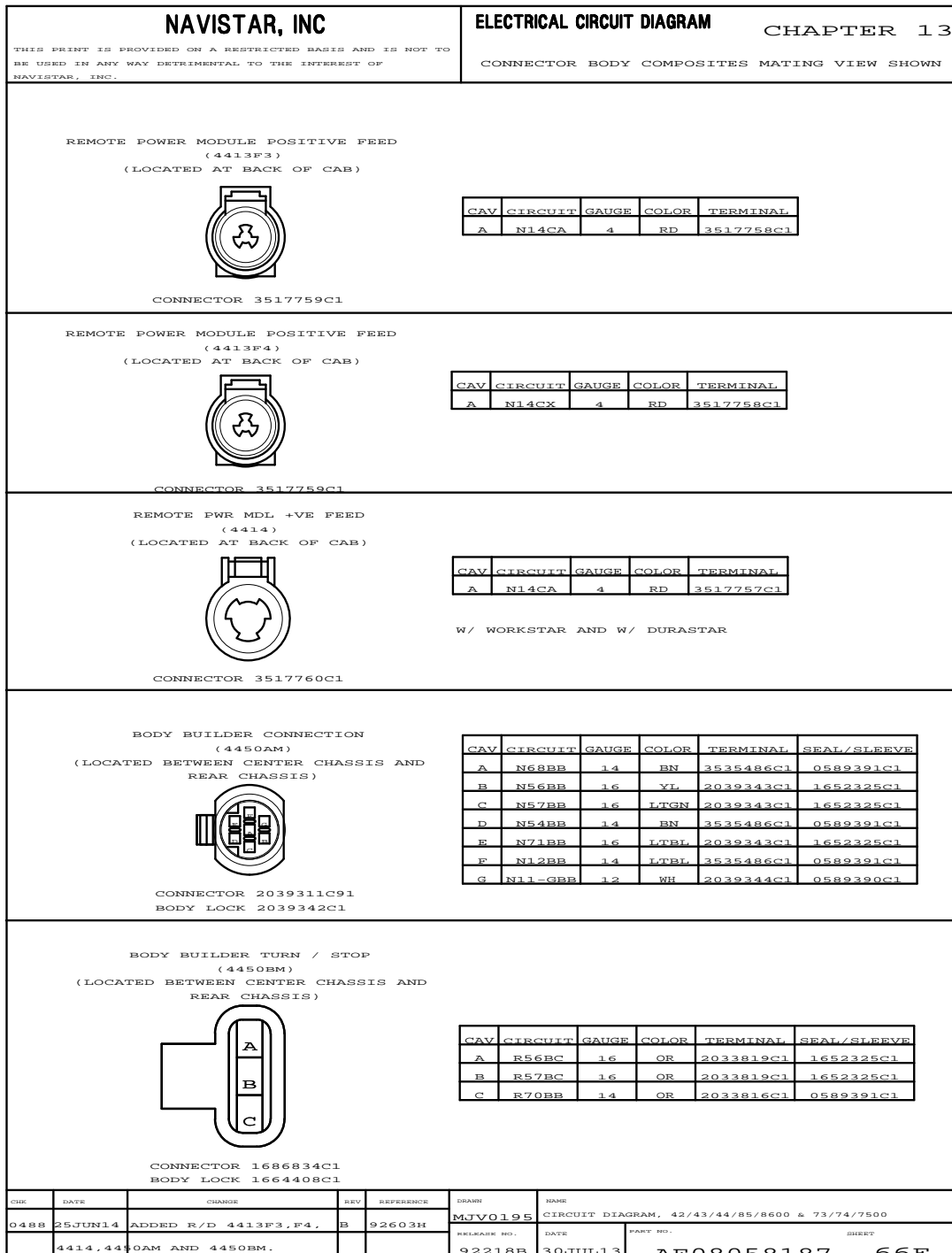


Figure 662 Connector Composites (4413F3), (4413F4), (4414), (4450AM), (4450BM)

13.146. CONNECTOR COMPOSITES (4450BF), (4450M), (4460AM), P. 66F

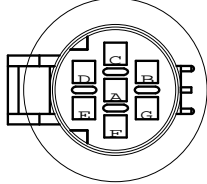

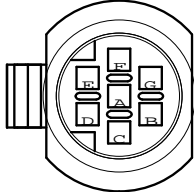
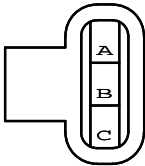
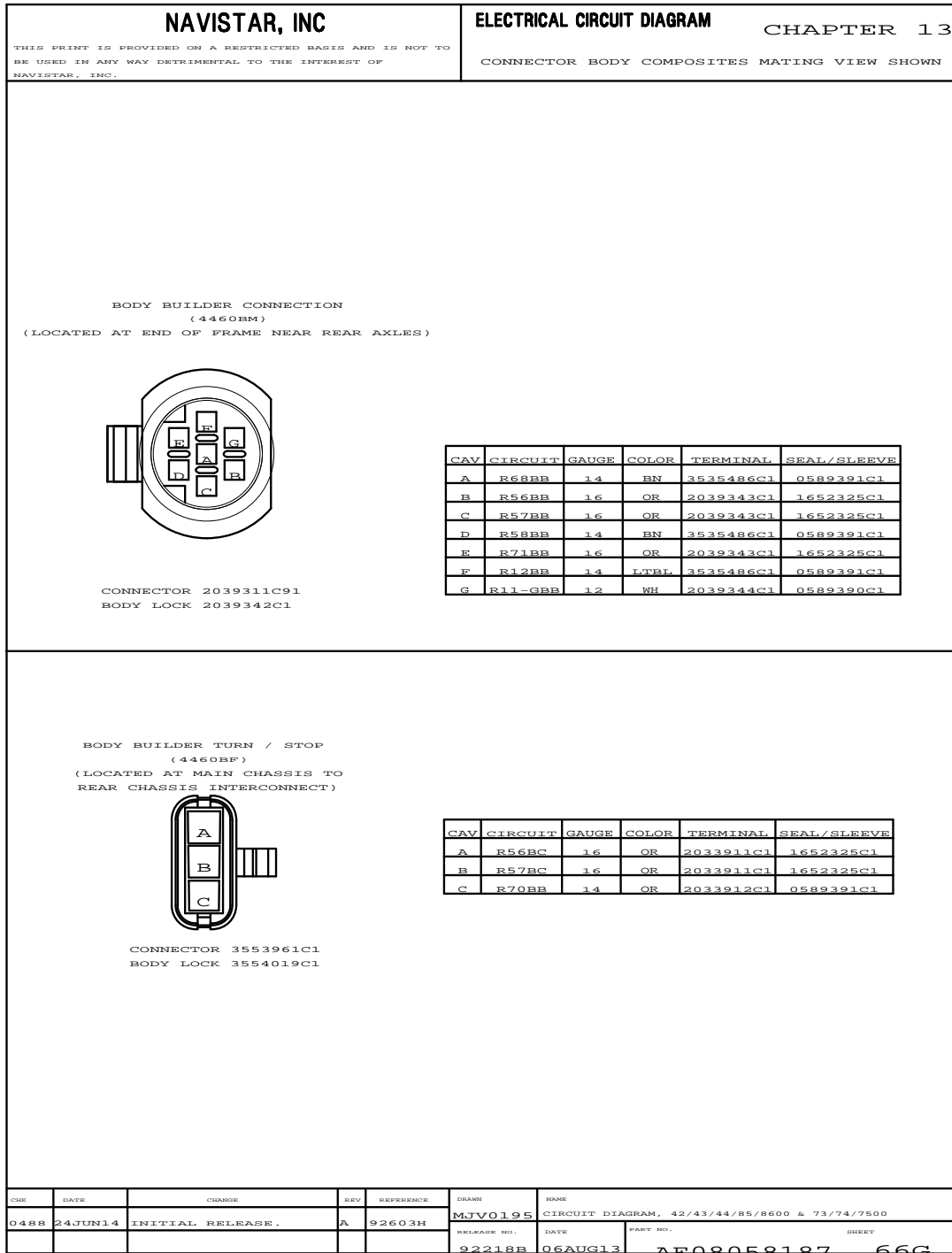
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																													
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																															
BODY BUILDER CONNECTION (4450BF) (LOCATED NEAR LEFT FRAME RAIL BACK OF CAB)																																																																			
				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>R68BB</td><td>14</td><td>BN</td><td>2033912C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>R56BB</td><td>16</td><td>OR</td><td>2033911C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>R57BB</td><td>16</td><td>OR</td><td>2033911C1</td><td>1652325C1</td></tr> <tr><td>D</td><td>R58BB</td><td>14</td><td>BN</td><td>2033912C1</td><td>0589391C1</td></tr> <tr><td>E</td><td>R71BB</td><td>16</td><td>OR</td><td>2033911C1</td><td>1652325C1</td></tr> <tr><td>F</td><td>R12BB</td><td>14</td><td>LTBL</td><td>2033912C1</td><td>0589391C1</td></tr> <tr><td>G</td><td>R11-GBB</td><td>12</td><td>WH</td><td>2033912C1</td><td>0589390C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R68BB	14	BN	2033912C1	0589391C1	B	R56BB	16	OR	2033911C1	1652325C1	C	R57BB	16	OR	2033911C1	1652325C1	D	R58BB	14	BN	2033912C1	0589391C1	E	R71BB	16	OR	2033911C1	1652325C1	F	R12BB	14	LTBL	2033912C1	0589391C1	G	R11-GBB	12	WH	2033912C1	0589390C1												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																														
A	R68BB	14	BN	2033912C1	0589391C1																																																														
B	R56BB	16	OR	2033911C1	1652325C1																																																														
C	R57BB	16	OR	2033911C1	1652325C1																																																														
D	R58BB	14	BN	2033912C1	0589391C1																																																														
E	R71BB	16	OR	2033911C1	1652325C1																																																														
F	R12BB	14	LTBL	2033912C1	0589391C1																																																														
G	R11-GBB	12	WH	2033912C1	0589390C1																																																														
CONNECTOR 2039312C91 BODY LOCK 2039342C1																																																																			
BODY BUILDER CONNECTION (4450M) (LOCATED NEAR LEFT FRAME RAIL BACK OF CAB)																																																																			
				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>N68BB</td><td>14</td><td>BN</td><td>3535486C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>N56BB</td><td>16</td><td>YL</td><td>2039343C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>N57BB</td><td>16</td><td>LTGN</td><td>2039343C1</td><td>1652325C1</td></tr> <tr><td>D</td><td>N54BB</td><td>14</td><td>BN</td><td>3535486C1</td><td>0589391C1</td></tr> <tr><td>E</td><td>N71BB</td><td>16</td><td>LTBL</td><td>2039343C1</td><td>1652325C1</td></tr> <tr><td>F</td><td>N12BB</td><td>14</td><td>LTBL</td><td>3535486C1</td><td>0589391C1</td></tr> <tr><td>G</td><td>N11-GD</td><td>12</td><td>WH</td><td>2039344C1</td><td>0589390C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N68BB	14	BN	3535486C1	0589391C1	B	N56BB	16	YL	2039343C1	1652325C1	C	N57BB	16	LTGN	2039343C1	1652325C1	D	N54BB	14	BN	3535486C1	0589391C1	E	N71BB	16	LTBL	2039343C1	1652325C1	F	N12BB	14	LTBL	3535486C1	0589391C1	G	N11-GD	12	WH	2039344C1	0589390C1												
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0488	25JUN14	INITIAL RELEASE.	A	92603H	MJTV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																													
					RELEASE NO.	DATE	PART NO.																																																												
					92218B	30JUL13	AE08058187																																																												
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Figure 663 Connector Composites (4450BF), (4450M), (4460AM)

ELECTRICAL CIRCUIT DIAGRAM MANUAL**13.147. CONNECTOR COMPOSITES (4460BF), (4460BM), P. 66G****Figure 664 Connector Composites (4460BF), (4460BM)**

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.148. CONNECTOR COMPOSITES (4460M), (4500), (4601), P. 67

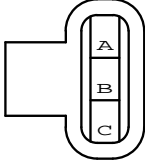
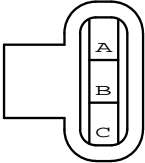
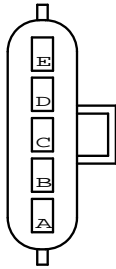
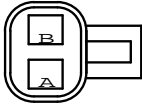
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																				
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<p style="text-align: center;">WINDSHIELD WIPER MOTOR (4500) (LOCATED UNDER HOOD)</p>  <p style="text-align: center;">CONNECTOR 1661375C2 BODY LOCK 1661376C1</p> <table border="1" style="width: 100%; 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>A82D</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>A82V</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>A82-G</td> <td>14</td> <td>WH</td> <td>2033816C1</td> <td>1652325C1</td> </tr> <tr> <td>D</td> <td>A82K</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>E</td> <td>A82L</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A82D	16	GY	2033819C1	1652325C1	B	A82V	16	GY	2033819C1	1652325C1	C	A82-G	14	WH	2033816C1	1652325C1	D	A82K	16	GY	2033819C1	1652325C1	E	A82L	16	GY	2033819C1	1652325C1	<p style="text-align: center;">AMMETER (4601) (LOCATED IN ENGINE COMPARTMENT)</p>  <p style="text-align: center;">CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1" style="width: 100%; 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>K26B</td> <td>18</td> <td>TN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>K26A</td> <td>18</td> <td>TN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p style="text-align: center;">W/DURASTAR</p>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K26B	18	TN	2033819C1	1652325C1	B	K26A	18	TN	2033819C1	1652325C1												
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Figure 665 Connector Composites (4460M), (4500), (4601)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.149. CONNECTOR COMPOSITES (4705), (4706), P. 67A

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

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CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

BODY BUILDER CONNECTOR
(4705)
(LOCATED IN ENGINE)

CONNECTOR 3538634C1
BODY LOCK 3538636C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K92A15	18	TN	1667742C1	1661872C1
B*	K92A11	18	TN	1667742C1	3568570C1
BH	K92A11	16	TN	1667742C1	1661872C1
C	K92A12	18	TN	1667742C1	3568570C1
D	K92A13	18	TN	1667742C1	3568570C1
E	K92A9	18	TN	1667742C1	3568570C1
F	K92A10	18	TN	1667742C1	3568570C1
G	K92A8	18	TN	1667742C1	3568570C1
H	K92A16	18	TN	1667742C1	3568570C1
J	K92A17	18	TN	1667742C1	3568570C1
K	PLUG	-	-	2025431C1	-

* W/ BODY BUILDER CONNECTION

W/ BODY BUILDER CONNECTION, W/ ULTRASIFT

BODY BUILDER CONNECTOR
(4706)
(LOCATED IN ENGINE)

CONNECTOR 3538635C1
BODY LOCK 3538636C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K92A5	18	TN	1661875C1	3568570C1
B	K92A4	18	TN	1661875C1	1661872C1
C	K92A3	18	TN	1661875C1	3568570C1
D	K92A14	18	TN	1661875C1	3568570C1
E	K92A2	18	TN	1661875C1	3568570C1
F	K92A6	18	TN	1661875C1	3568570C1
G	K92A7	18	TN	1661875C1	3568570C1
H	K92A1	18	TN	1661875C1	3568570C1
J	K92A19	18	TN	1661875C1	3568570C1
K	PLUG	-	-	2025431C1	-

CHK	DATE	CHANGE	REV	REFERENCE	DRWN	NAME
0638	12DEC14	DELETED CONN 3539139C1	C	92783G	U021653	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
	WITH R/D	4705.			RELEASE NO.	DATE
					82436B	03NOV11
					PART NO.	SHEET
					AE08058187	67A

Figure 666 Connector Composites (4705), (4706)

13.150. CONNECTOR COMPOSITES (4712F1), (4712F3), P. 67B

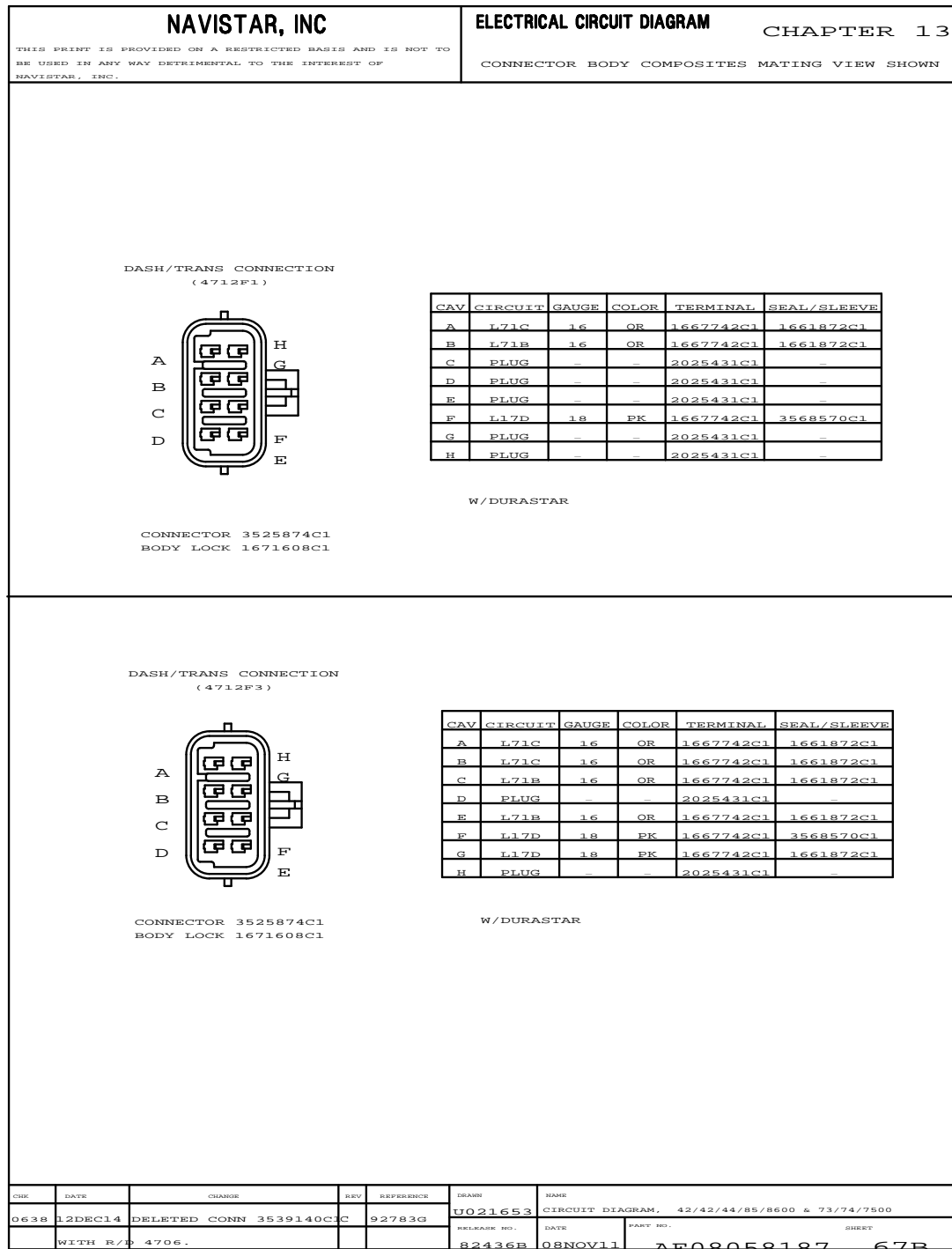


Figure 667 Connector Composites (4712F1), (4712F3)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.151. CONNECTOR COMPOSITES (6000), P. 67C

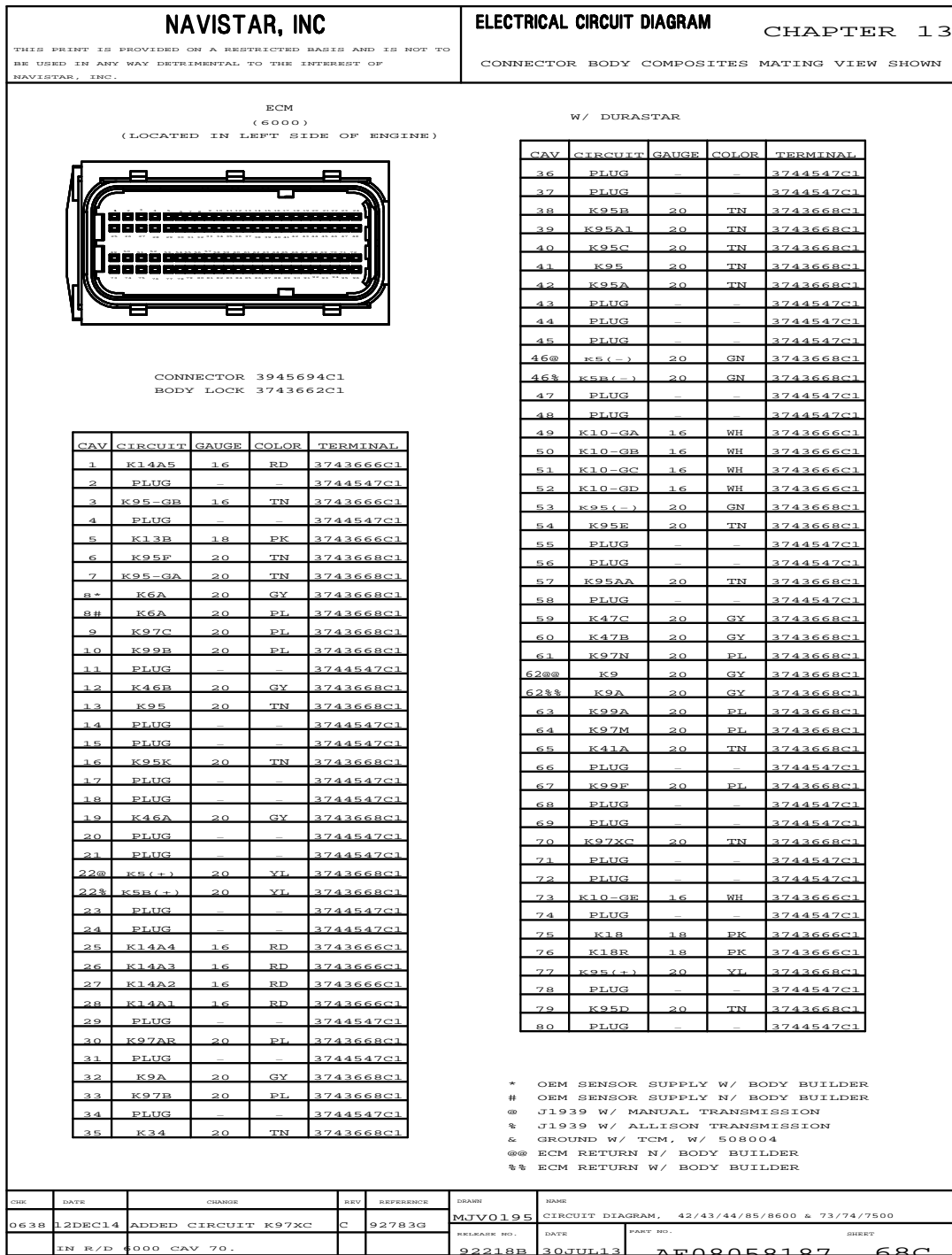


Figure 668 Connector Composites (6000)

13.152. CONNECTOR COMPOSITES (4803), (4810), (4815), (4830), P. 67D

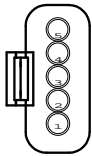

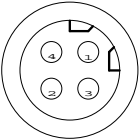
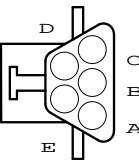
NAVISTAR, INC <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																									
NOX SENSOR CONNECTOR (4803) <small>(LOCATED BY RIGHT FRAME RAIL)</small>								<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K14PQ</td> <td>18</td> <td>RD</td> <td>3734893C1</td> <td>3680160C1</td> </tr> <tr> <td>2</td> <td>K10-GV</td> <td>18</td> <td>WH</td> <td>3734893C1</td> <td>3680160C1</td> </tr> <tr> <td>3</td> <td>K5DE(-)</td> <td>18</td> <td>GN</td> <td>3734893C1</td> <td>3680160C1</td> </tr> <tr> <td>4</td> <td>K5DE(+)</td> <td>18</td> <td>YL</td> <td>3734893C1</td> <td>3680160C1</td> </tr> <tr> <td>5</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3734893C1</td> <td>3680160C1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K14PQ	18	RD	3734893C1	3680160C1	2	K10-GV	18	WH	3734893C1	3680160C1	3	K5DE(-)	18	GN	3734893C1	3680160C1	4	K5DE(+)	18	YL	3734893C1	3680160C1	5	PLUG	-	-	3734893C1	3680160C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																								
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5	PLUG	-	-	3734893C1	3680160C1																																								
CONNECTOR 3905767C1																																													
INJECTOR CONNECTOR (4810) <small>(LOCATED ABOVE MUFFLER EXHAUST)</small>								<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K116LO</td> <td>18</td> <td>GY</td> <td>3733327C1</td> <td>3573653C1</td> </tr> <tr> <td>2</td> <td>K116J</td> <td>18</td> <td>GY</td> <td>3733327C1</td> <td>3573653C1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K116LO	18	GY	3733327C1	3573653C1	2	K116J	18	GY	3733327C1	3573653C1																		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																								
1	K116LO	18	GY	3733327C1	3573653C1																																								
2	K116J	18	GY	3733327C1	3573653C1																																								
CONNECTOR 3733328C1																																													
COOLANT VALVE SOLENOID CONNECTOR (4815) <small>(LOCATED BY RIGHT FRAME RAIL ABOVE DEF TANK)</small>								<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K116LM</td> <td>16</td> <td>GY</td> <td>3679224C1</td> <td>3601687C1</td> </tr> <tr> <td>2</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3679224C1</td> <td>3601687C1</td> </tr> <tr> <td>3</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3679224C1</td> <td>3601687C1</td> </tr> <tr> <td>4</td> <td>K116KL</td> <td>16</td> <td>GY</td> <td>3679224C1</td> <td>3601687C1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K116LM	16	GY	3679224C1	3601687C1	2	PLUG	-	-	3679224C1	3601687C1	3	PLUG	-	-	3679224C1	3601687C1	4	K116KL	16	GY	3679224C1	3601687C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																								
1	K116LM	16	GY	3679224C1	3601687C1																																								
2	PLUG	-	-	3679224C1	3601687C1																																								
3	PLUG	-	-	3679224C1	3601687C1																																								
4	K116KL	16	GY	3679224C1	3601687C1																																								
CONNECTOR 3714731C1																																													
TEMPERATURE, LEVEL SENSOR <small>(LOCATED ABOVE DEF TANK)</small> (4830)								<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>K119CD</td> <td>18</td> <td>RD</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>B</td> <td>K120A</td> <td>18</td> <td>YL</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>C</td> <td>K10-GN</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>D</td> <td>K120B</td> <td>18</td> <td>OR</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>E</td> <td>K19GQ</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K119CD	18	RD	1661875C1	3568570C1	B	K120A	18	YL	1661875C1	3568570C1	C	K10-GN	18	WH	1661875C1	3568570C1	D	K120B	18	OR	1661875C1	3568570C1	E	K19GQ	18	WH	1661875C1	3568570C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																								
A	K119CD	18	RD	1661875C1	3568570C1																																								
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CONNECTOR 3522251C1 BODY LOCK 3522253C1																																													
CHG	DATE	CHANGE	REV	REFERENCE	DRAWN: U021653 NAME: CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																								
-	-	ADDED R/D 4803, 4810, 4815 & 4830. RMVD PREVIOUS R/D'S	B	92372W	RELEASE NO.	DATE	PART NO.																																						
					82436B	08NOV11	AE08058187 67D																																						

Figure 669 Connector Composites (4803), (4810), (4815), (4830)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.153. CONNECTOR COMPOSITES (4831), (4833A), (4833B), (4833C), P. 67E

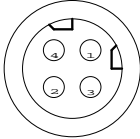



NAVISTAR, INC <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																																	
CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																									
<p>TEMPERATURE SENSOR CONNECTOR (4831) (LOCATED ABOVE EXHAUST PIPE)</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>K10-GK</td> <td>18</td> <td>WH</td> <td>3601686C1</td> <td>3733609C1</td> </tr> <tr> <td>2</td> <td>K117A</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3733609C1</td> </tr> <tr> <td>3</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3601686C1</td> <td>3733609C1</td> </tr> <tr> <td>4</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3601686C1</td> <td>3733609C1</td> </tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 3601685C1</p>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K10-GK	18	WH	3601686C1	3733609C1	2	K117A	18	GY	3601686C1	3733609C1	3	PLUG	-	-	3601686C1	3733609C1	4	PLUG	-	-	3601686C1	3733609C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																				
1	K10-GK	18	WH	3601686C1	3733609C1																																				
2	K117A	18	GY	3601686C1	3733609C1																																				
3	PLUG	-	-	3601686C1	3733609C1																																				
4	PLUG	-	-	3601686C1	3733609C1																																				
<p>LINE HEAT CONNECTOR (4833A) (LOCATED BEHIND DEF TANK)</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> </tr> </thead> <tbody> <tr> <td>1</td> <td>K113AA</td> <td>18</td> <td>PL</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>K113D</td> <td>12</td> <td>TN</td> <td>1680205C1</td> </tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 3854665C91 BODY LOCK 3711020C1</p>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K113AA	18	PL	1680205C1	2	K113D	12	TN	1680205C1															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																					
1	K113AA	18	PL	1680205C1																																					
2	K113D	12	TN	1680205C1																																					
<p>LINE HEAT CONNECTOR (4833B) (LOCATED BEHIND DEF TANK)</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> </tr> </thead> <tbody> <tr> <td>1</td> <td>K113AB</td> <td>18</td> <td>PL</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>K113E</td> <td>16</td> <td>TN</td> <td>1680205C1</td> </tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 3854665C91 BODY LOCK 3711020C1</p>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K113AB	18	PL	1680205C1	2	K113E	16	TN	1680205C1															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																					
1	K113AB	18	PL	1680205C1																																					
2	K113E	16	TN	1680205C1																																					
<p>LINE HEAT CONNECTOR (4833C) (LOCATED ABOVE DEF TANK)</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> </tr> </thead> <tbody> <tr> <td>1</td> <td>K116LP</td> <td>18</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>K113C</td> <td>18</td> <td>PL</td> <td>1680205C1</td> </tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 3854665C91 BODY LOCK 3711020C1</p>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K116LP	18	GY	1680205C1	2	K113C	18	PL	1680205C1															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																					
1	K116LP	18	GY	1680205C1																																					
2	K113C	18	PL	1680205C1																																					
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																			
0488	24JAN14	ADDED R/D 4831, 4833A	C	92372W	U021653	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																			
4833B/C RMVD PREVIOUS R/D'S					RELEASE NO.	DATE	PART NO.		SHEET																																
					82436B	03NOV11	AE08058187		67E																																

Figure 670 Connector Composites (4831), (4833A), (4833B), (4833C)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.154. CONNECTOR COMPOSITES (4840), (4840F), (4841), (4841F), P. 67F

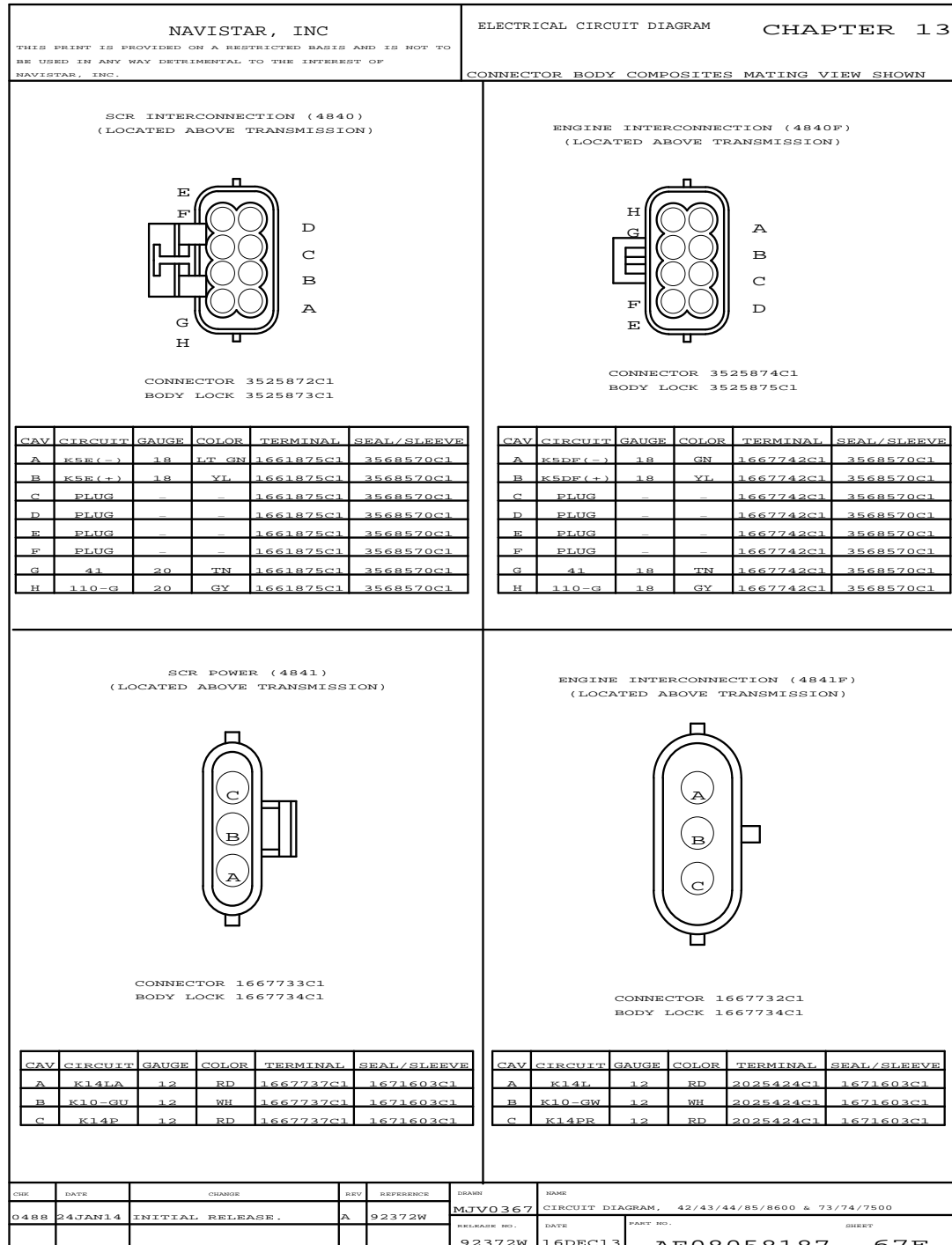


Figure 671 Connector Composites (4840), (4840F), (4841), (4841F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.155. CONNECTOR COMPOSITES (4705), (4706), (4905), (4906), P. 68

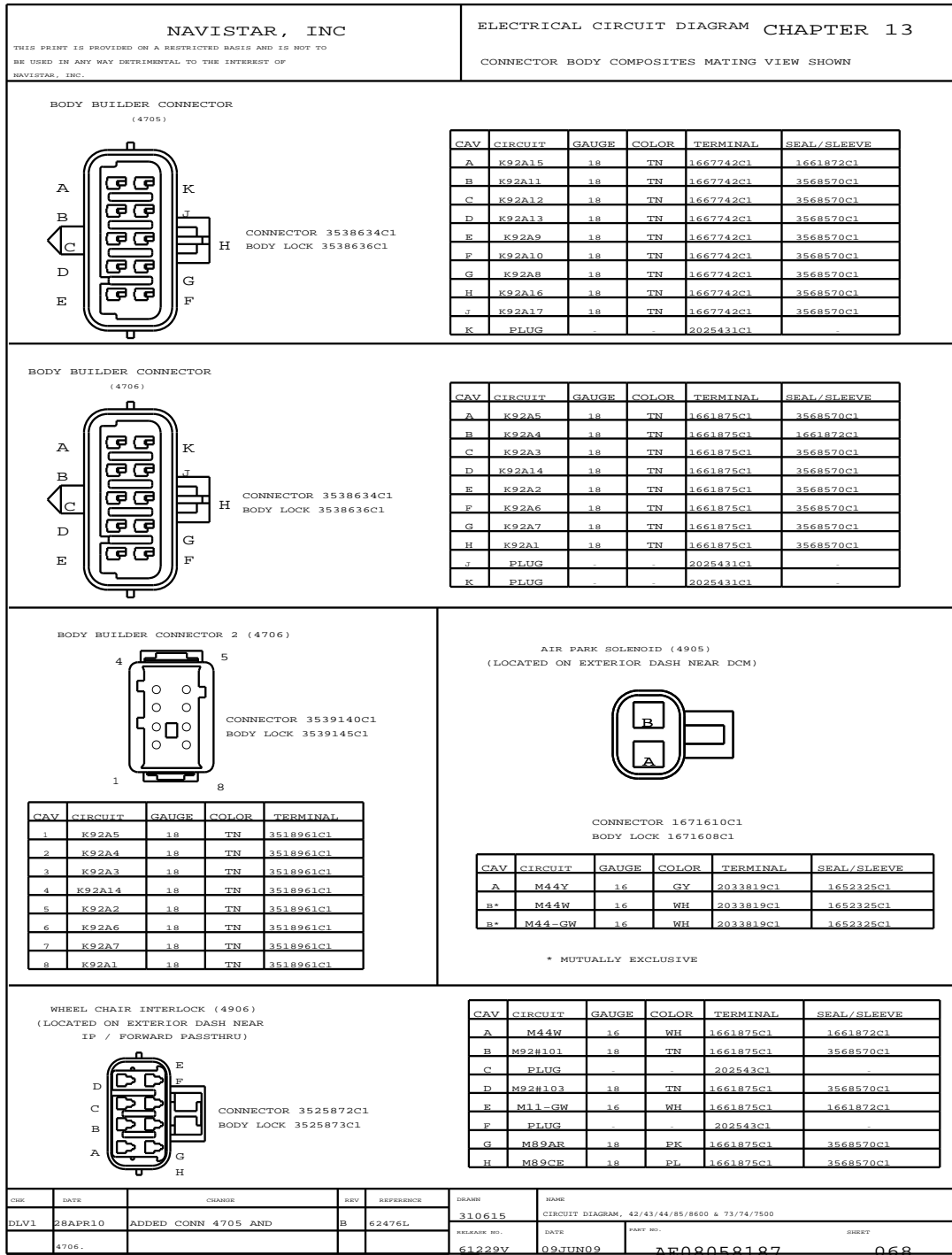


Figure 672 Connector Composites (4705), (4706), (4905), (4906)

13.156. CONNECTOR COMPOSITES (4906C), (4950), (4951), (4952), (4953), P. 68A

NAVISTAR, INC

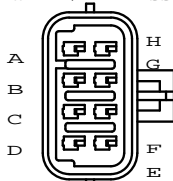
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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

WHEEL CHAIR INTERLOCK
(4906C)
(LOCATED ON EXTERIOR DASH NEAR FORWARD /IP PASS THRU)




CONNECTOR 3525874C1
BODY LOCK 3525875C1

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	-

* WHEEL CHAIR LIFT INTERLOCK

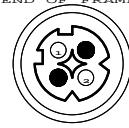
BENDIX AUTO TRACTION CONTROL
(4950)
(LOCATED AT END OF FRAME AT REAR AXLE)



CONNECTOR 3678796C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	R94BD	16	BN	3679224C1	3601687C1
2	R94BE	16	YL	3679224C1	3601687C1

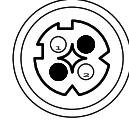
WABCO AUTO TRACTION CONTROL
(4951)
(LOCATED AT END OF FRAME AT REAR AXLE)



CONNECTOR 3710092C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	[R94WX]	18	BN	ASSY	
2	[R94WZ]	18	BL	ASSY	

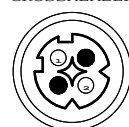
BENDIX ATC ECE ADR
(4952)
(LOCATED ON CROSSMEMBER OF REAR AXLE)



CONNECTOR 3678796C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	R94BD	16	BN	3679224C1	3601687C1
2	R94BE	16	YL	3679224C1	3601687C1

BENDIX ATC ECE ADR
(4953)
(LOCATED ON CROSSMEMBER OF REAR AXLE)



CONNECTOR 3678796C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	R94BD	16	BN	3679224C1	3601687C1
2	R94BE	16	YL	3679224C1	3601687C1

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.

62476L

19NOV09

AE08058187

68A

Figure 673 Connector Composites (4906C), (4950), (4951), (4952), (4953)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.157. CONNECTOR COMPOSITES (5117), (5200), (5500A), P. 68B

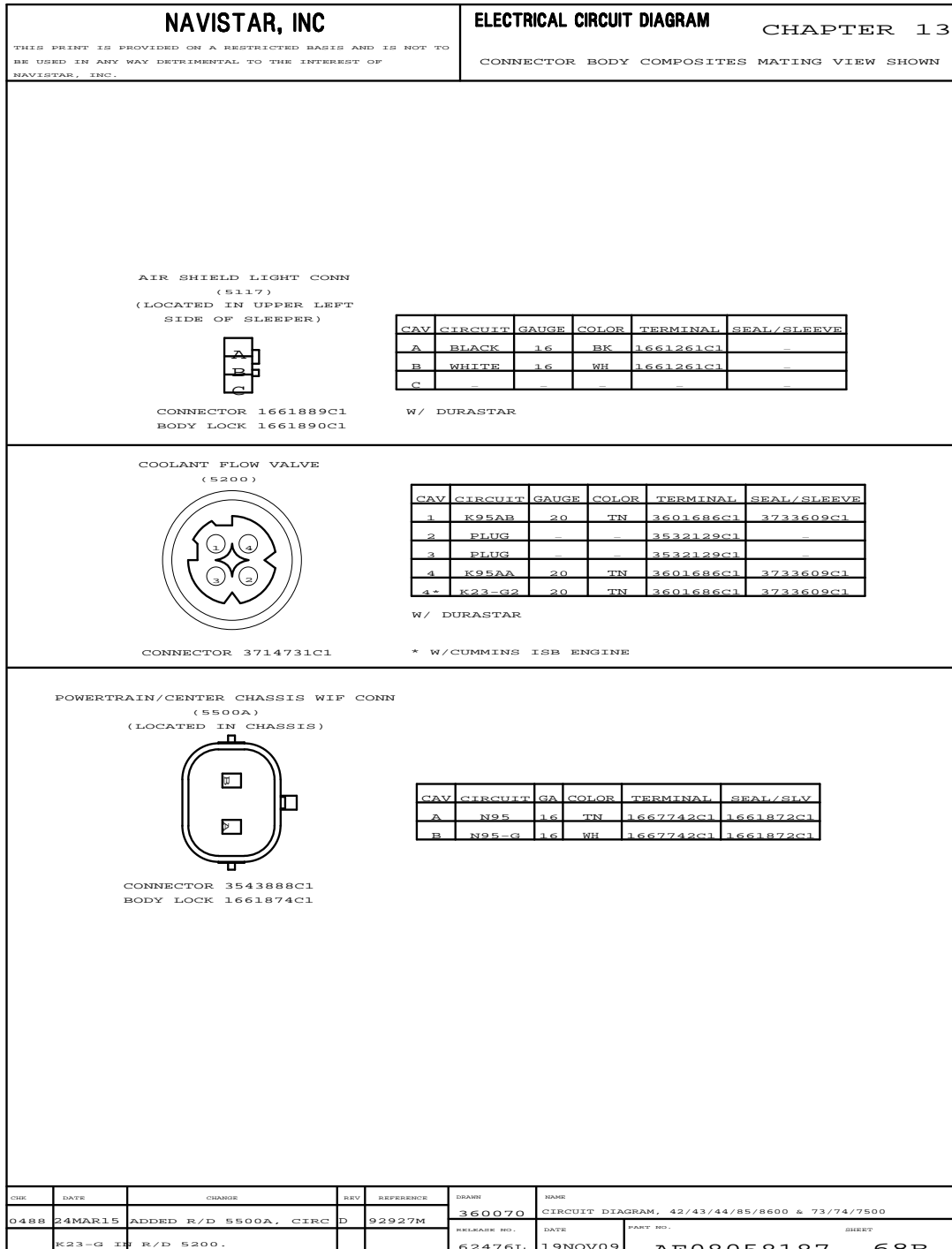


Figure 674 Connector Composites (5117), (5200), (5500A)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.158. CONNECTOR COMPOSITES (6000), P. 68C

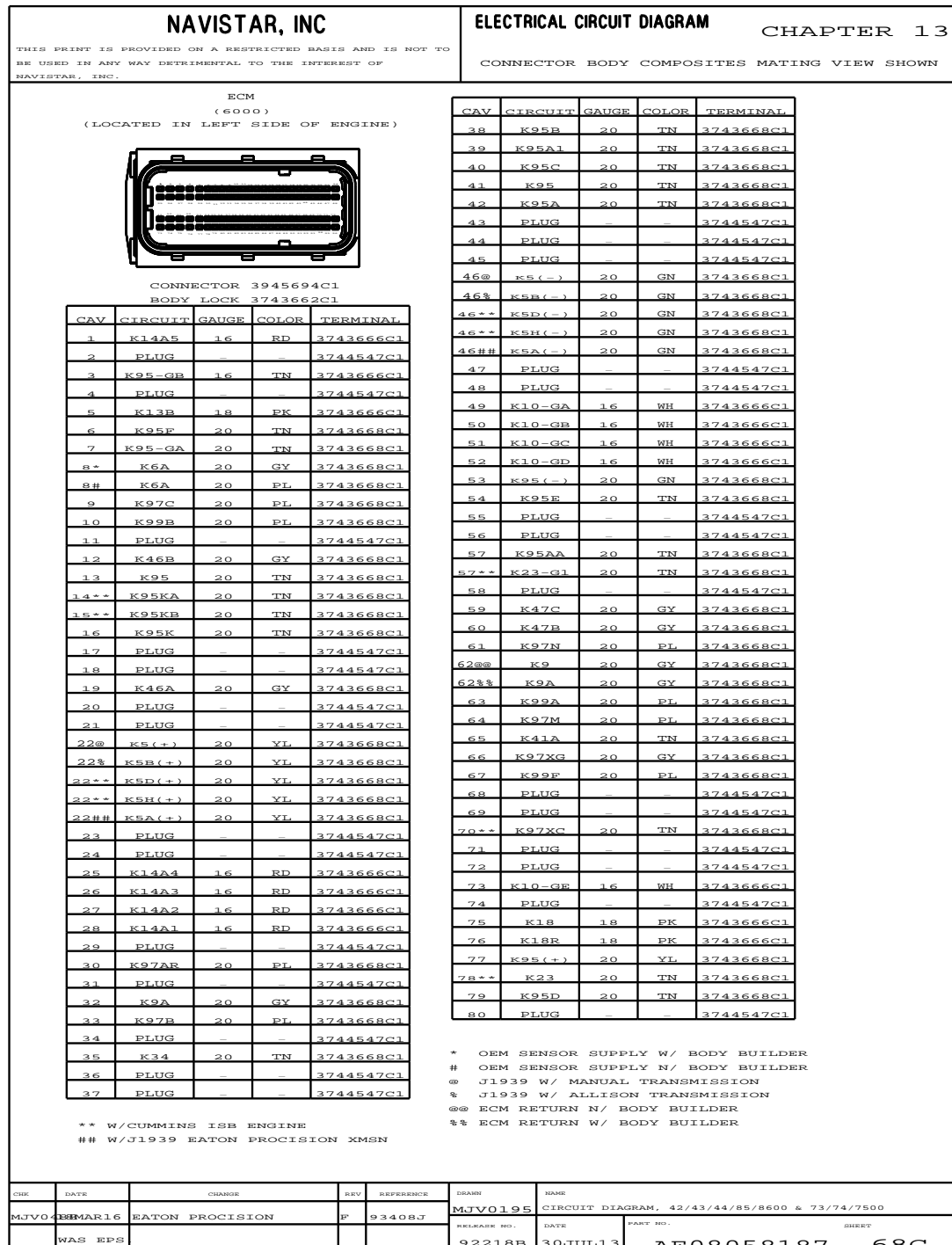


Figure 675 Connector Composites (6000)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.159. CONNECTOR COMPOSITES (6000), (6003), (6004), P. 68D

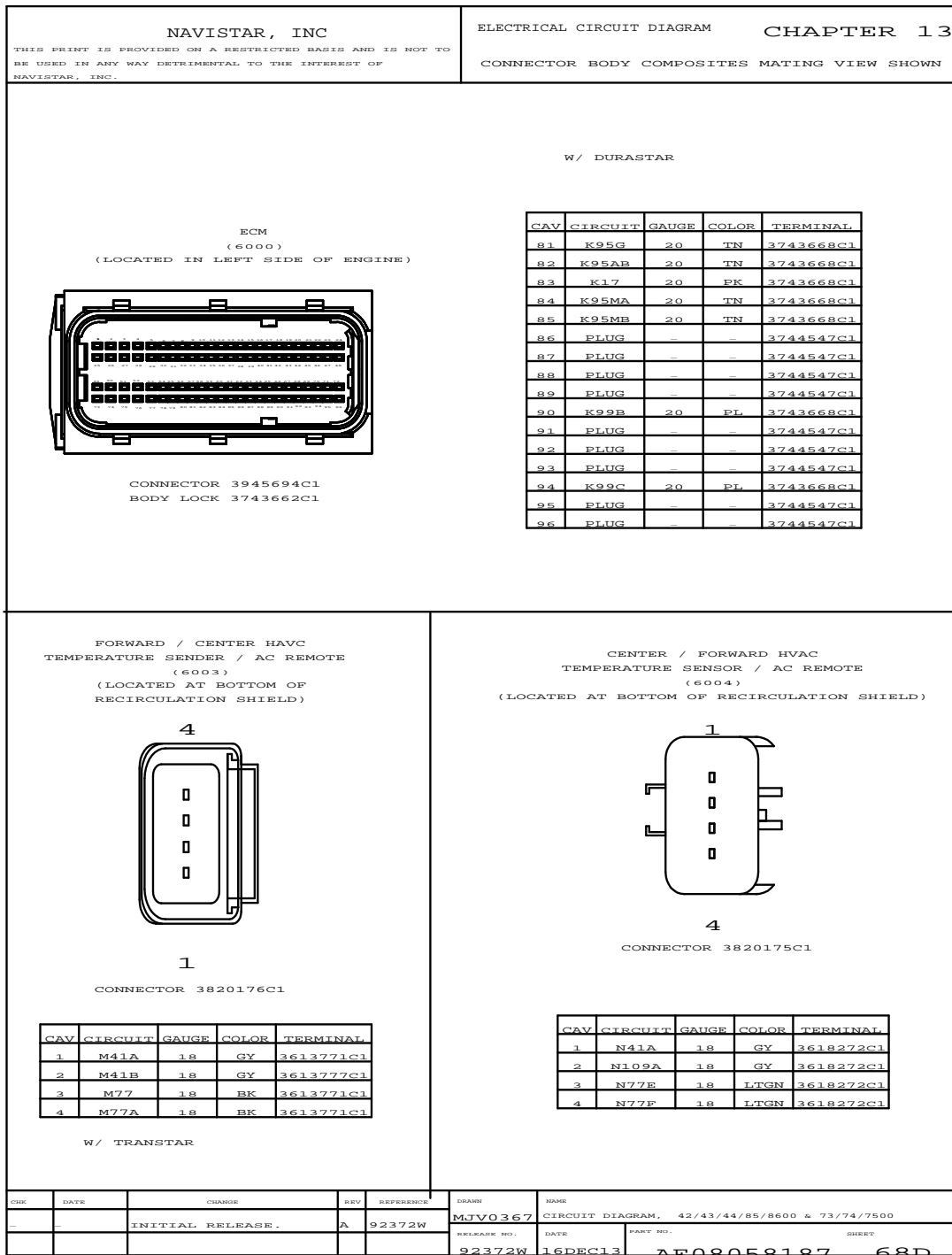


Figure 676 Connector Composites (6000), (6003), (6004)

13.160. CONNECTOR COMPOSITES (6005), (6007), (6008), (6009), P. 68E

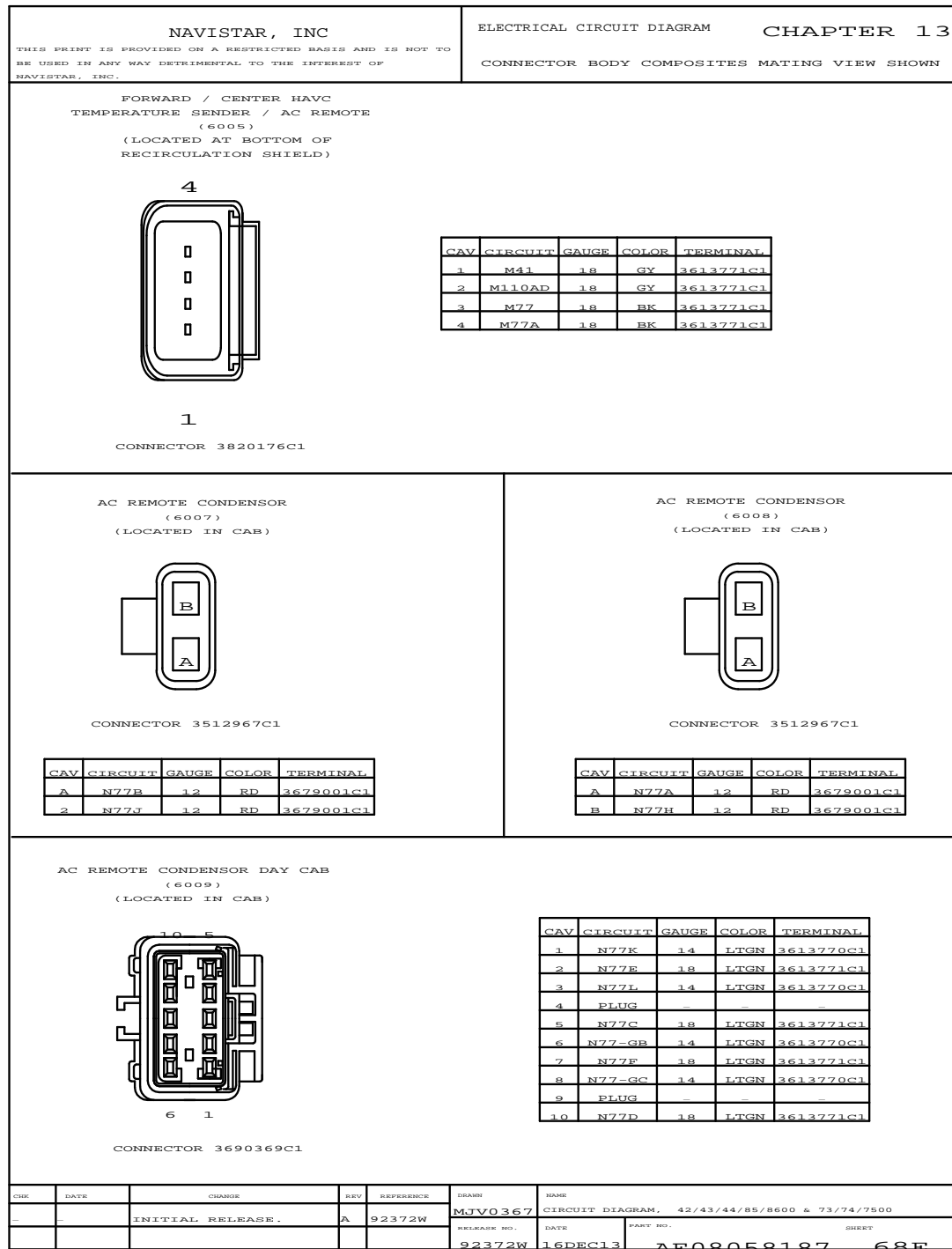


Figure 677 Connector Composites (6005), (6007), (6008), (6009))

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.161. CONNECTOR COMPOSITES (6011), P. 69

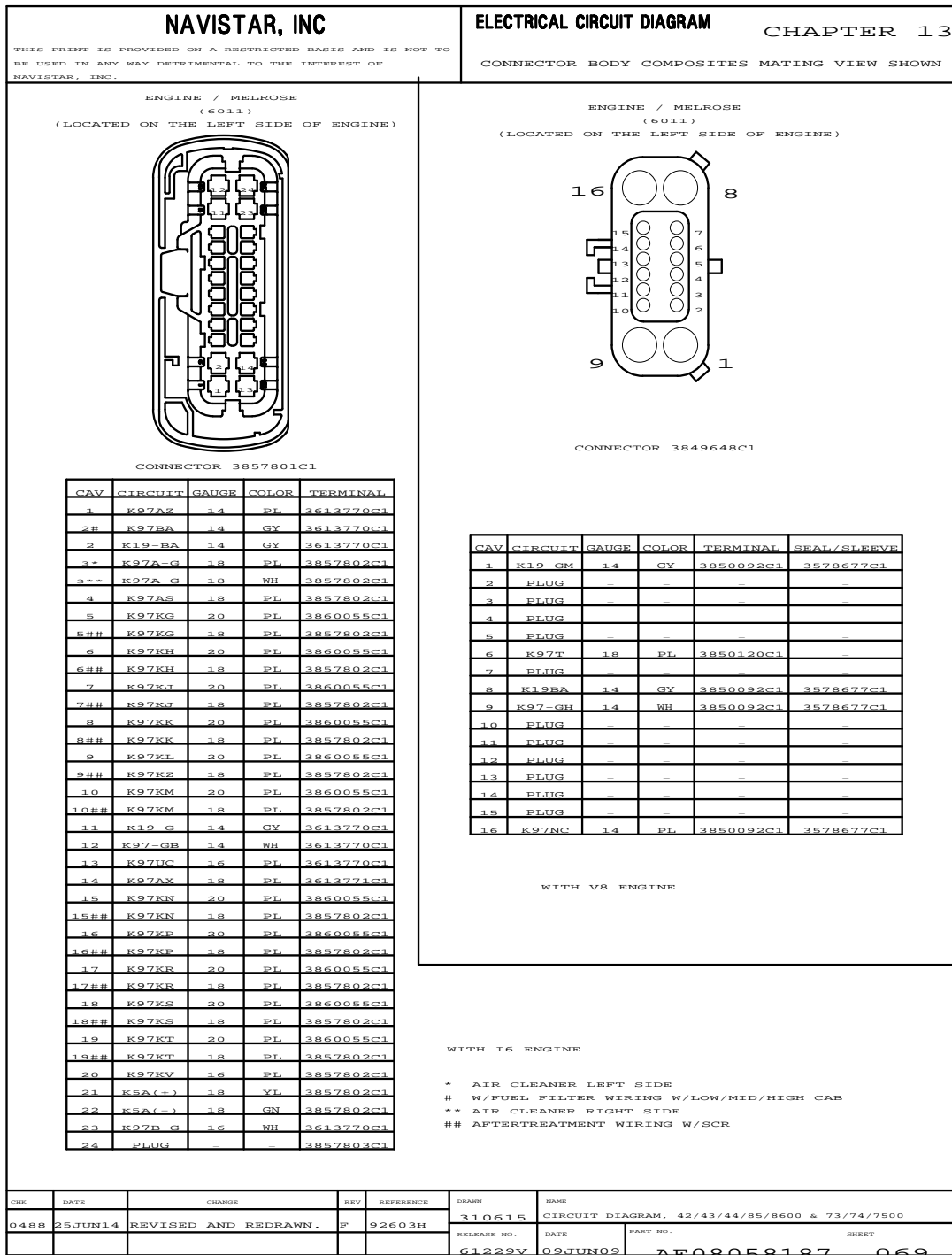


Figure 678 Connector Composites (6011)

13.162. CONNECTOR COMPOSITES (6012), (6013), P. 69A

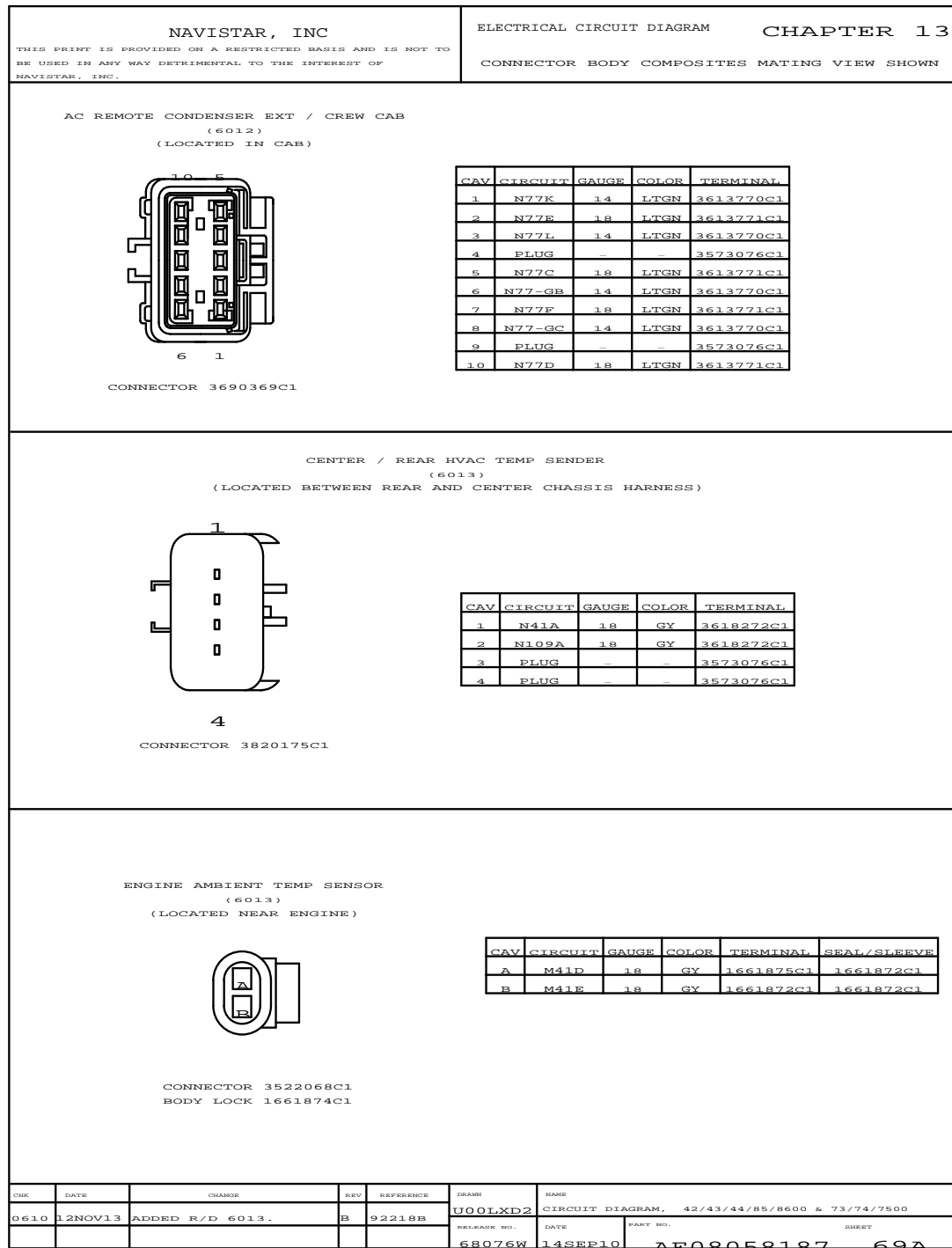


Figure 679 Connector Composites (6012), (6013)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.163. CONNECTOR COMPOSITES (6018), P. 70

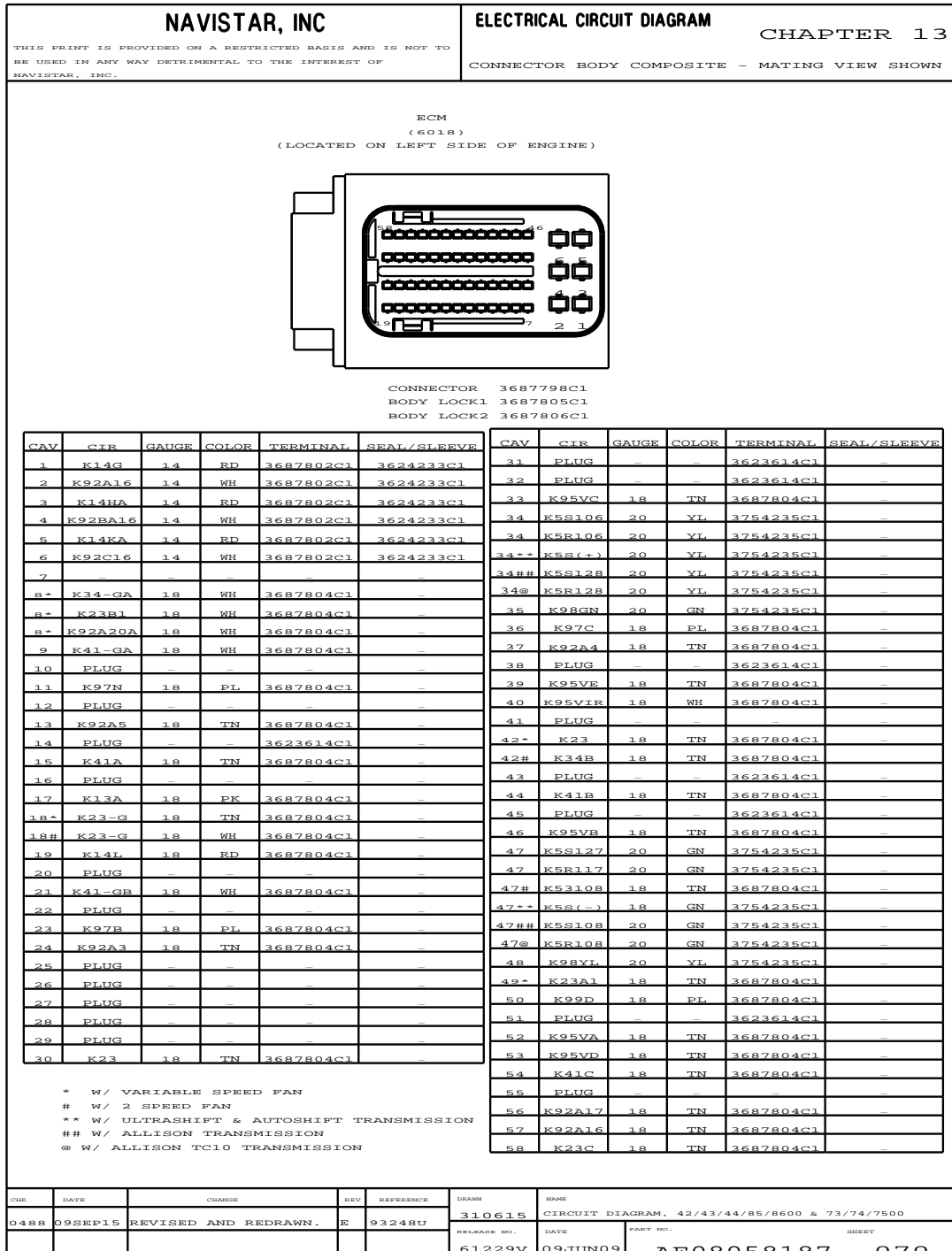


Figure 680 Connector Composites (6018)

13.164. CONNECTOR COMPOSITES (6019), P. 71

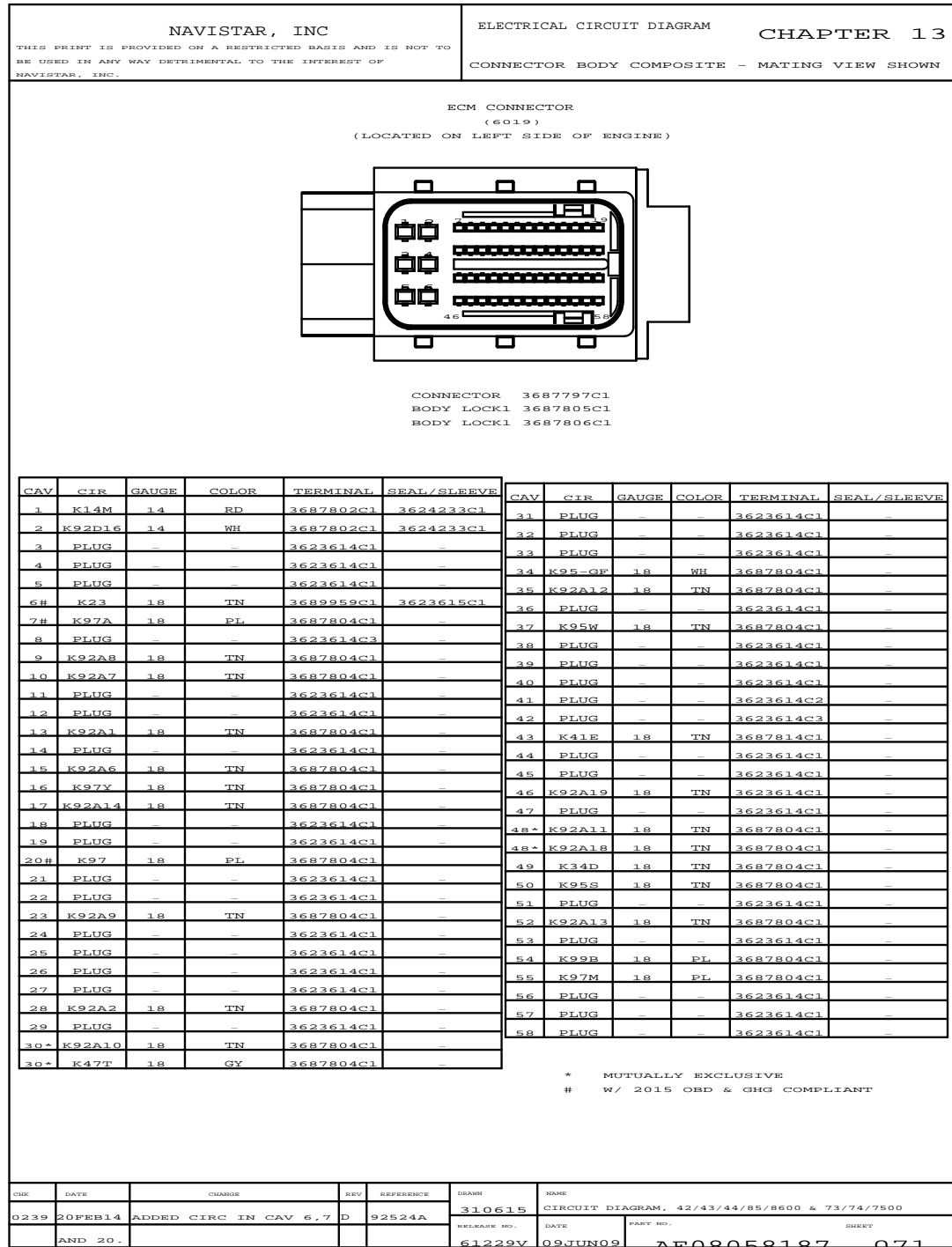


Figure 681 Connector Composites (6019)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.165. CONNECTOR COMPOSITES (6020M), P. 71A

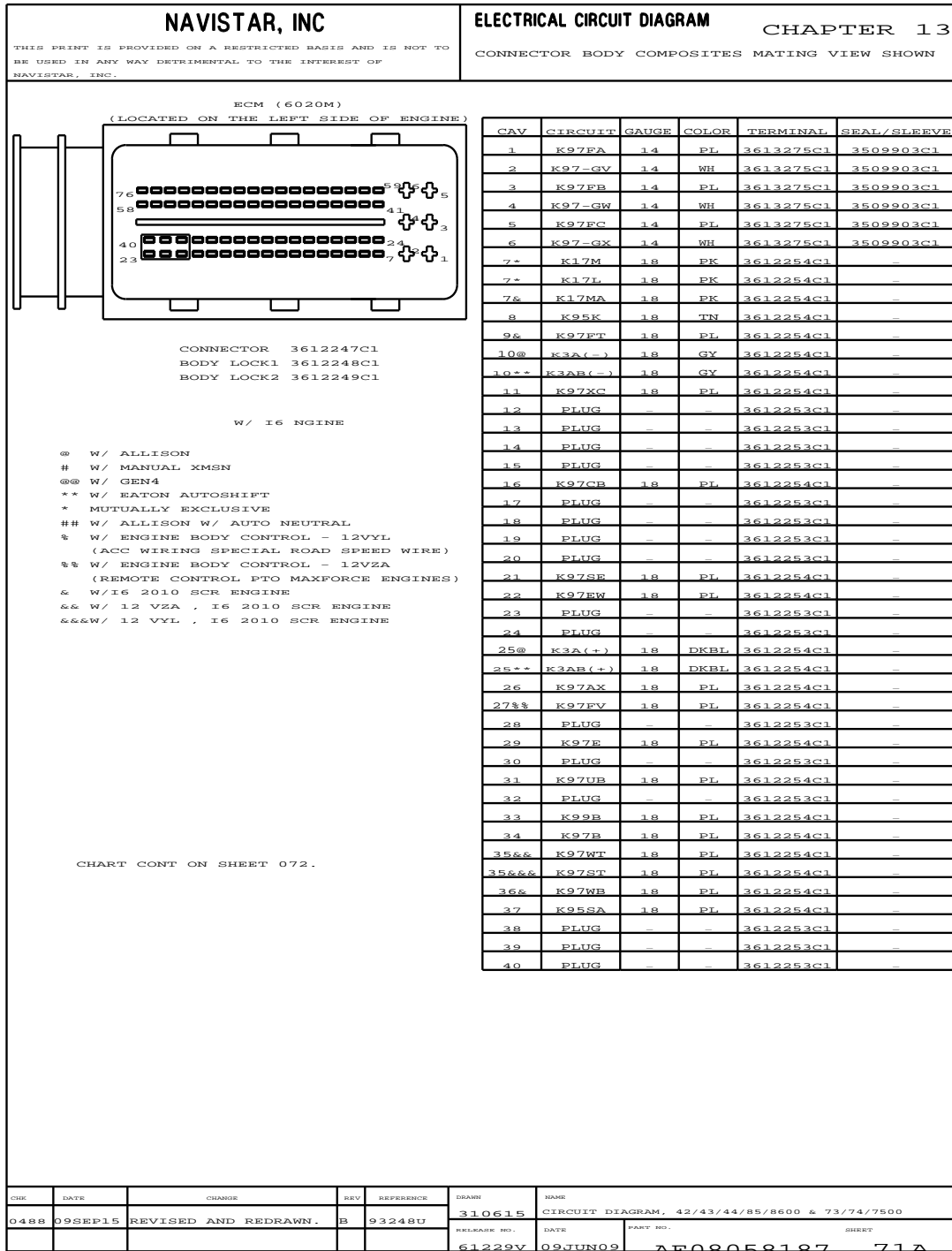


Figure 682 Connector Composites (6020M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.166. CONNECTOR COMPOSITES (6020M), P. 72

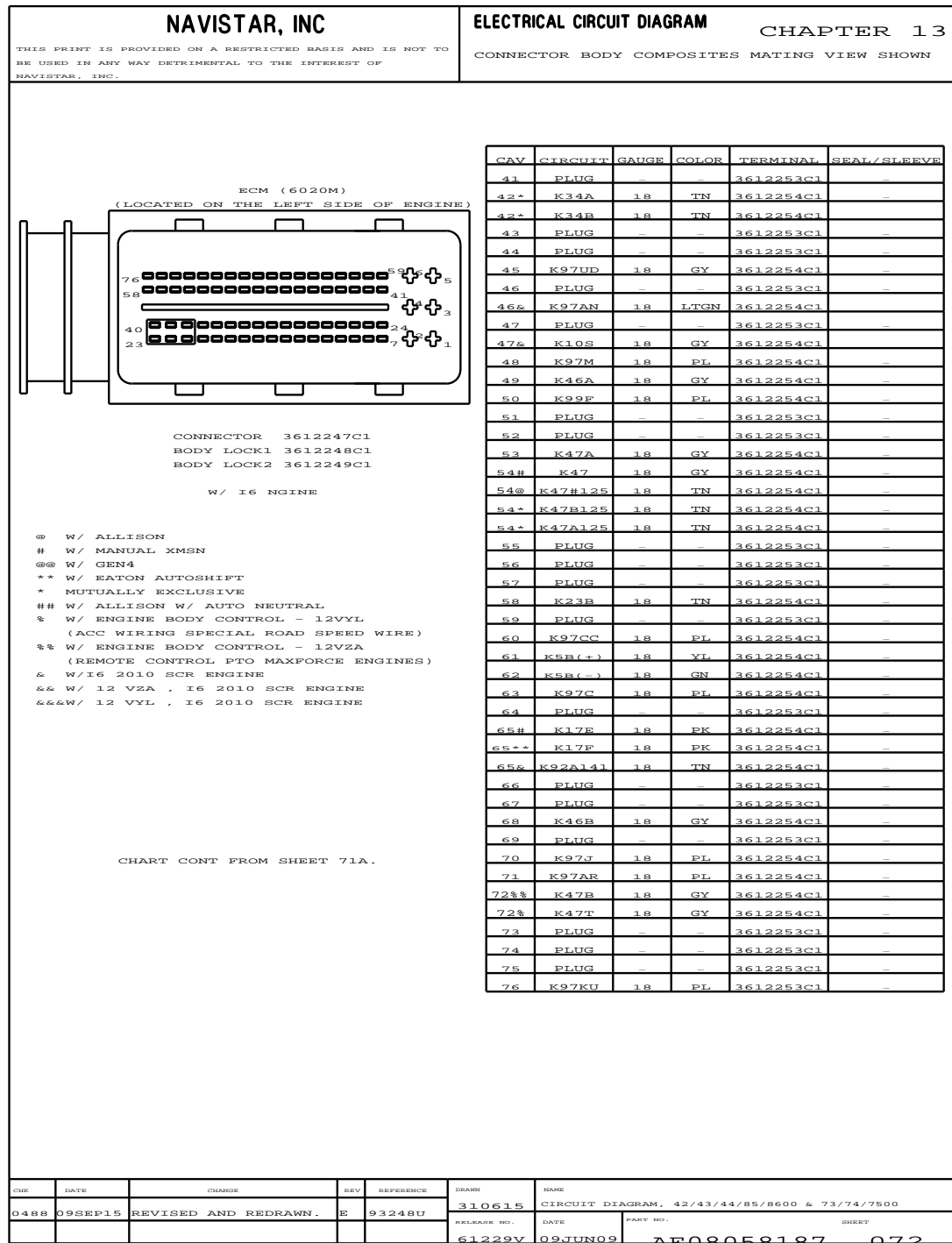


Figure 683 Connector Composites (6020M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.167. CONNECTOR COMPOSITES (6020M), P. 72A

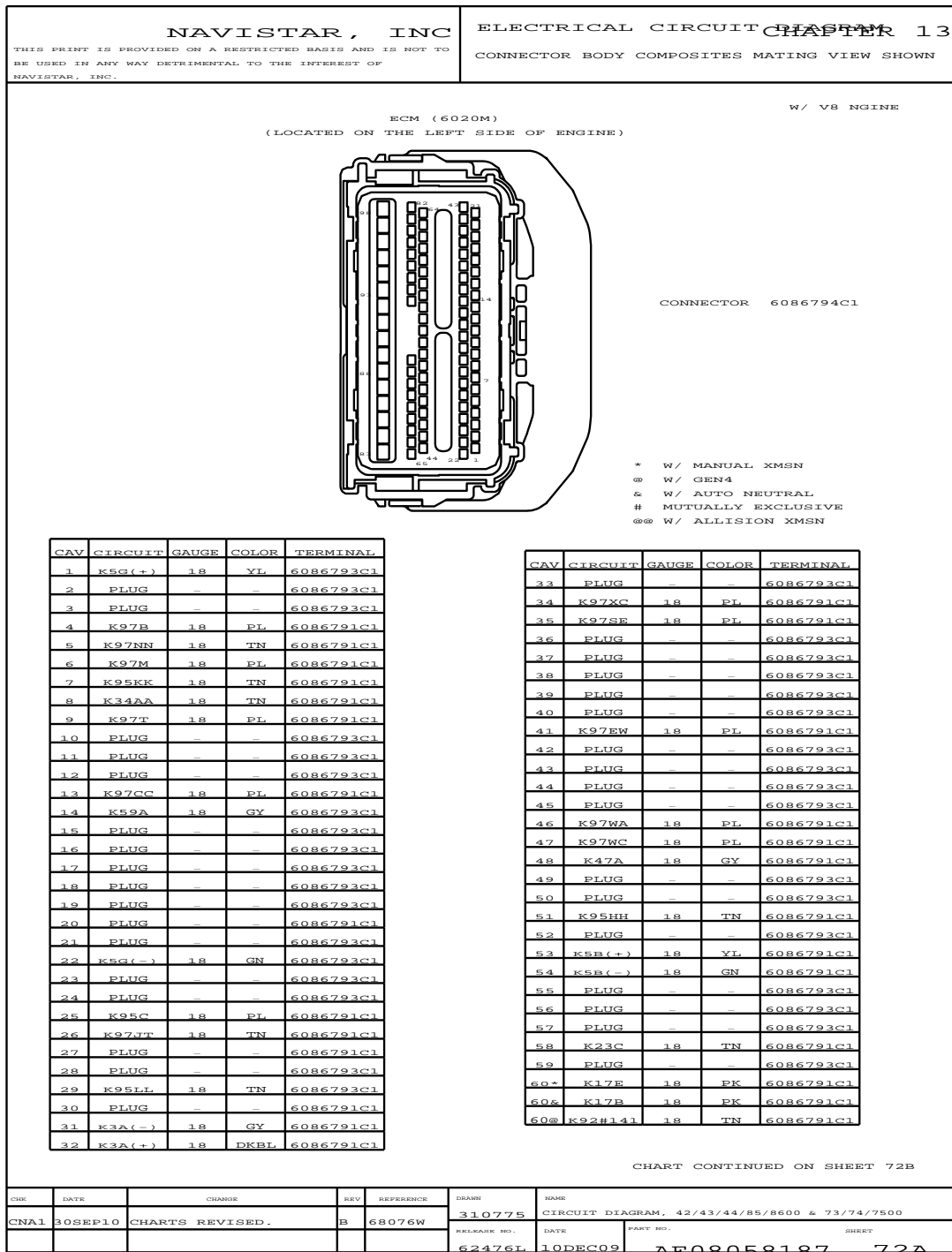


Figure 684 Connector Composites (6020M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.168. CONNECTOR COMPOSITES (6020M), P. 72B

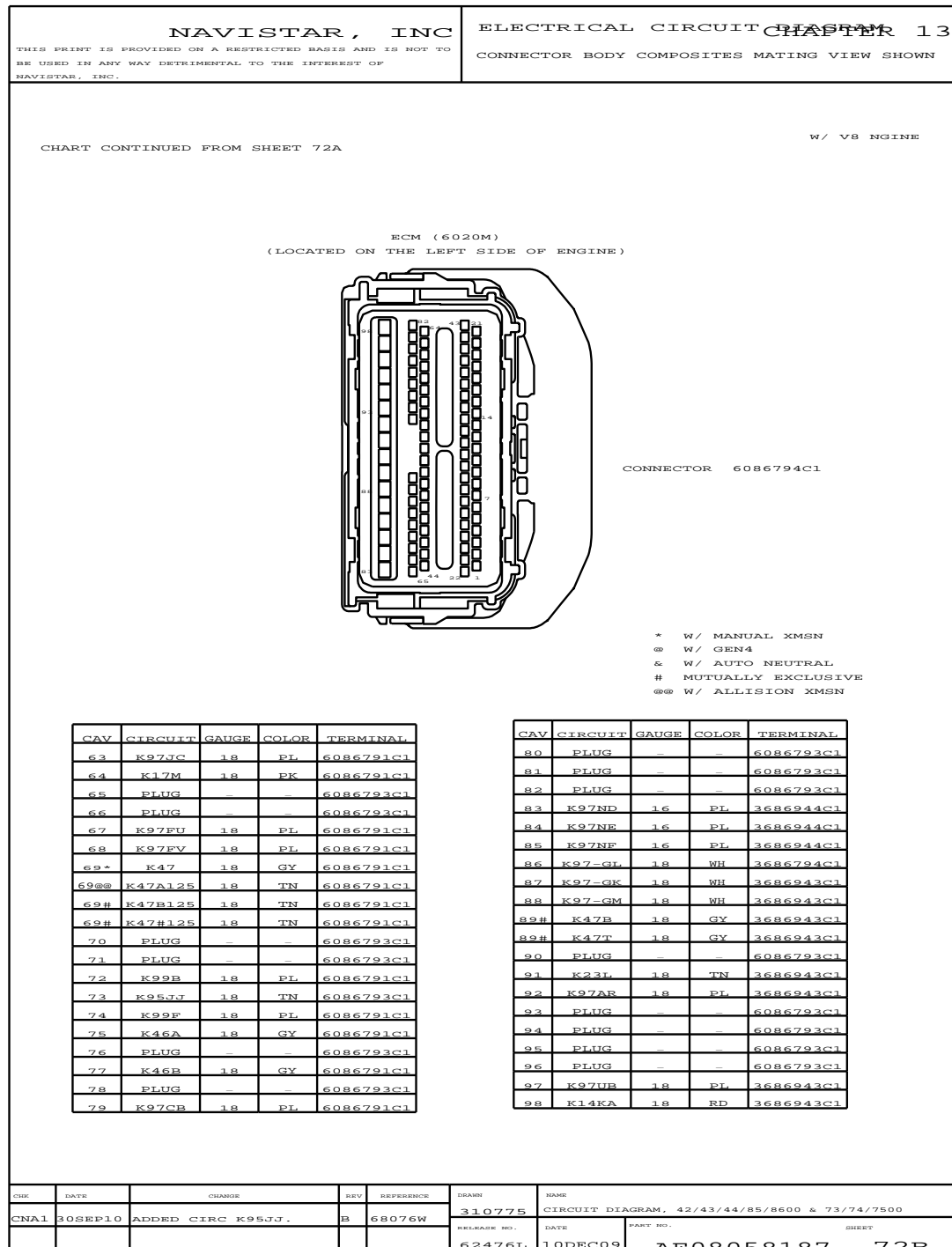


Figure 685 Connector Composites (6020M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.169. CONNECTOR COMPOSITES (6022), (6023), (6033), P. 73

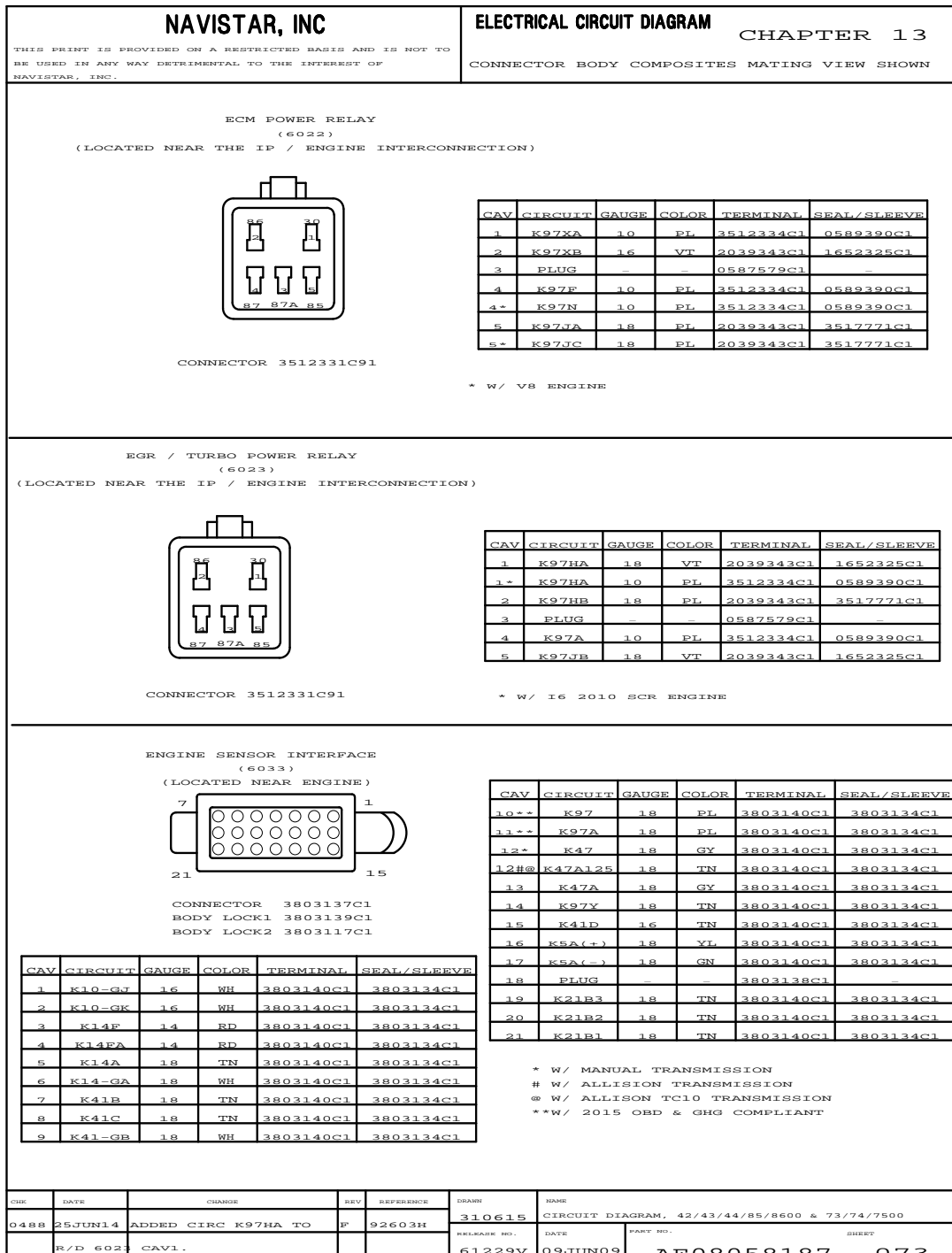


Figure 686 Connector Composites (6022), (6023), (6033)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.170. CONNECTOR COMPOSITES (6060), (6061), (6062), (6063), (6064), (6065), P. 73A

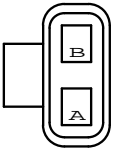
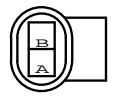
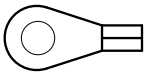
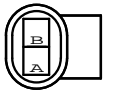
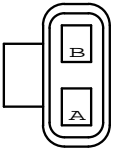

NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13																													
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																		
<p>MOTOR SENSOR FUSE (6060) (LOCATED AT INSTRUMENT PANEL)</p>  <p>CONNECTOR 1667639C1</p> <table border="1" style="width: 100%; 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>A90H</td> <td>14</td> <td>GY</td> <td>1661707C1</td> </tr> <tr> <td>B</td> <td>A90HA</td> <td>14</td> <td>GY</td> <td>1661707C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A90H	14	GY	1661707C1	B	A90HA	14	GY	1661707C1	<p>FLOW SWITCH (6061) (LOCATED AT INSTRUMENT PANEL)</p>  <p>CONNECTOR 2036584C1</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>A90CA</td> <td>16</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>A90-C</td> <td>16</td> <td>WH</td> <td>2036586C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A90CA	16	GY	2036586C1	B	A90-C	16	WH	2036586C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																			
A	A90H	14	GY	1661707C1																																			
B	A90HA	14	GY	1661707C1																																			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																			
A	A90CA	16	GY	2036586C1																																			
B	A90-C	16	WH	2036586C1																																			
<p>DASH GROUND STUD (6062) (LOCATED AT INSTRUMENT PANEL)</p>  <p>TERMINAL 3581768C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A90-GA</td> <td>12</td> <td>WH</td> <td>3581768C1</td> <td>2644038B1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	A90-GA	12	WH	3581768C1	2644038B1	<p>LOW FLUID LEVEL SW (6063) (LOCATED AT INSTRUMENT PANEL)</p>  <p>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>GA</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A9AB</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>A90P</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GA	COLOR	TERMINAL	A	A9AB	18	GY	2036586C1	B	A90P	18	GY	2036586C1			
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																		
A	A90-GA	12	WH	3581768C1	2644038B1																																		
CAV	CIRCUIT	GA	COLOR	TERMINAL																																			
A	A9AB	18	GY	2036586C1																																			
B	A90P	18	GY	2036586C1																																			
<p>DIFF PRESSURE SW (6064) (LOCATED AT INSTRUMENT PANEL)</p>  <p>CONNECTOR 3518873C91</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A90C</td> <td>16</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>B</td> <td>A90B</td> <td>16</td> <td>GY</td> <td>ASSY</td> </tr> </tbody> </table>					CAV	CIRCUIT	GA	COLOR	TERMINAL	A	A90C	16	GY	ASSY	B	A90B	16	GY	ASSY	<p>PRESSURE SW (6065) (LOCATED AT INSTRUMENT PANEL)</p>  <p>CONNECTOR 3602747C1 CONN LOCK 3539978C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A90L</td> <td>16</td> <td>GY</td> <td>3755839C1</td> </tr> <tr> <td>2</td> <td>A90N</td> <td>16</td> <td>GY</td> <td>3755839C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GA	COLOR	TERMINAL	1	A90L	16	GY	3755839C1	2	A90N	16	GY	3755839C1
CAV	CIRCUIT	GA	COLOR	TERMINAL																																			
A	A90C	16	GY	ASSY																																			
B	A90B	16	GY	ASSY																																			
CAV	CIRCUIT	GA	COLOR	TERMINAL																																			
1	A90L	16	GY	3755839C1																																			
2	A90N	16	GY	3755839C1																																			
CNC	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																	
0488	20NOV14	R/D ON SHEET 73A WAS	F	92674A	U00LXD2	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																	
6100,6102,6103,6103,6200					RELEASE NO.	DATE	PART NO.		SHEET																														
					68076W	23SEP10	AE08058187		73A																														

Figure 687 Connector Composites (6060), (6061), (6062), (6063), (6064), (6065)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.171. CONNECTOR COMPOSITES (6066), (6067), (6068), (6069), (6070), (6071), P. 73B

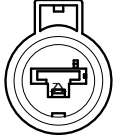
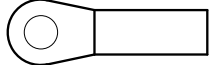
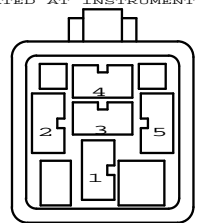
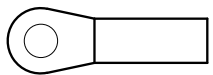
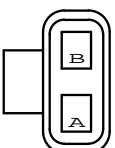
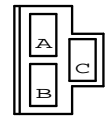
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN									
REDUNDANT POWER FEED (6066) (LOCATED AT INSTRUMENT PANEL) 					MOTOR SENSOR (6067) (LOCATED AT INSTRUMENT PANEL) 									
CONNECTOR 3700151C1					TERMINAL 0365682C2									
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV			
A	A14B	8	GY	3700154C1	3537135C1	A	A90F	10	GY	0365682C2	2644005R1			
						A	A90H	14	GY	0365682C2	2644005R1			
RELAY POWER (6068) (LOCATED AT INSTRUMENT PANEL) 					HYD MOTOR GND (6069) (LOCATED AT INSTRUMENT PANEL) 									
CONNECTOR 1661747C91					TERMINAL 3867524C1									
CAV	CIRCUIT	GA	COLOR	TERMINAL		CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV			
1	A14	10	RD	1661708C1		A	A90-GM	12	WH	3867524C1	2644005R1			
2	A90A	16	GY	3895713C1										
3	PLUG	-	-	-										
4	A90F	10	GY	1661708C1										
5	A90K	16	GY	3895713C1										
5A FUSE (6070) (LOCATED AT INSTRUMENT PANEL) 					DIODE CONN (6071) (LOCATED AT INSTRUMENT PANEL) 									
CONNECTOR 1667639C1					CONNECTOR 0598839C1									
CAV	CIRCUIT	GA	COLOR	TERMINAL		CAV	CIRCUIT	GA	COLOR	TERMINAL				
A	A90NA	14	GY	1661707C1		A	A90L	16	GY	0333732C1				
B	A90NB	14	GY	1661707C1		B	A90J	18	GY	0333732C1				
						C	A90K	16	GY	0333732C1				
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500							
0488	20NOV14	INITIAL RELEASE.	A	92674A	MJV0223									
					RELEASE NO.	DATE	PART NO.	SHEET						
					92674A	24SEP14	AE08058187 73B							

Figure 688 Connector Composites (6066), (6067), (6068), (6069), (6070), (6071)

13.172. CONNECTOR COMPOSITES (6100), (6102), (6103), (6200), P. 73C

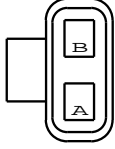
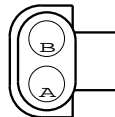
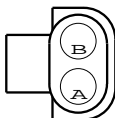
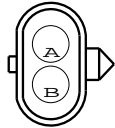
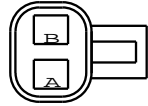
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																																													
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.								CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																													
IGNITION FUSE (6100)  CONNECTOR 1667639C1 <table border="1" style="width: 100%; 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>K13C</td> <td>14</td> <td>EK</td> <td>1661707C1</td> </tr> <tr> <td>B</td> <td>K13A</td> <td>14</td> <td>EK</td> <td>1661707C1</td> </tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K13C	14	EK	1661707C1	B	K13A	14	EK	1661707C1	ELECTRIC COMPRESSOR AIR PRESSURE SWITCH (6102) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 0587568C91 <table border="1" style="width: 100%; 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>K40A</td> <td>14</td> <td>GY</td> <td>0587575C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>K40A</td> <td>14</td> <td>GY</td> <td>0587575C1</td> <td>1652325C1</td> </tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K40A	14	GY	0587575C1	1652325C1	B	K40A	14	GY	0587575C1	1652325C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																	
A	K13C	14	EK	1661707C1																																																	
B	K13A	14	EK	1661707C1																																																	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																
A	K40A	14	GY	0587575C1	1652325C1																																																
B	K40A	14	GY	0587575C1	1652325C1																																																
ELECTRIC COMPRESSOR AIR PRESSURE SWITCH (6102) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 0587568C91 <table border="1" style="width: 100%; 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>M40A</td> <td>14</td> <td>GY</td> <td>0587575C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M40B</td> <td>14</td> <td>GY</td> <td>0587575C1</td> <td>1652325C1</td> </tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M40A	14	GY	0587575C1	1652325C1	B	M40B	14	GY	0587575C1	1652325C1	ELECTRIC COMPRESSOR AIR PRESSURE POWER (6103) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 0587567C91 <table border="1" style="width: 100%; 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>M40B</td> <td>14</td> <td>GY</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M40B-G</td> <td>14</td> <td>WH</td> <td>0587577C1</td> <td>1652325C1</td> </tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M40B	14	GY	0587577C1	1652325C1	B	M40B-G	14	WH	0587577C1	1652325C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																
A	M40A	14	GY	0587575C1	1652325C1																																																
B	M40B	14	GY	0587575C1	1652325C1																																																
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																
A	M40B	14	GY	0587577C1	1652325C1																																																
B	M40B-G	14	WH	0587577C1	1652325C1																																																
FREON COMPRESSOR (6200) (LOCATED ON AC COMPRESSOR FRONT RIGHT SIDE OF ENGINE)  CONNECTOR 1671610C1 BODY LOCK 1671608C1 <table border="1" style="width: 100%; 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>K77-G</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>A#</td> <td>K77-G</td> <td>18</td> <td>LTGN</td> <td>2033819C1</td> <td>3517771C1</td> </tr> <tr> <td>A@</td> <td>K77-G</td> <td>18</td> <td>WH</td> <td>2033819C1</td> <td>1671610C1</td> </tr> <tr> <td>B*</td> <td>K77</td> <td>16</td> <td>LTGN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B#</td> <td>K77</td> <td>18</td> <td>LTGN</td> <td>2033819C1</td> <td>3517771C1</td> </tr> <tr> <td>B@</td> <td>K77A</td> <td>16</td> <td>LTGN</td> <td>2033819C1</td> <td>1671610C1</td> </tr> </tbody> </table> <p style="font-size: x-small;"> * W/ IBB ENGINE # W/ CUMMINS ISB ENGINE @ W/ I6 2010 SCR ENGINE </p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	K77-G	16	WH	2033819C1	1652325C1	A#	K77-G	18	LTGN	2033819C1	3517771C1	A@	K77-G	18	WH	2033819C1	1671610C1	B*	K77	16	LTGN	2033819C1	1652325C1	B#	K77	18	LTGN	2033819C1	3517771C1	B@	K77A	16	LTGN	2033819C1	1671610C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																
A*	K77-G	16	WH	2033819C1	1652325C1																																																
A#	K77-G	18	LTGN	2033819C1	3517771C1																																																
A@	K77-G	18	WH	2033819C1	1671610C1																																																
B*	K77	16	LTGN	2033819C1	1652325C1																																																
B#	K77	18	LTGN	2033819C1	3517771C1																																																
B@	K77A	16	LTGN	2033819C1	1671610C1																																																
CHG	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																															
0488	09SEP15	REMOVED R/D 6103.	B	93248U	MJVO223	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																															
					RELEASE NO.	DATE	PART NO.		SHEET																																												
					92674A	24SEP14	AE08058187		73C																																												

Figure 689 Connector Composites (6100), (6102), (6103), (6200)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.173. CONNECTOR COMPOSITES (6201), (6201A), (6201B), (6201P), P. 74

NAVISTAR, INC

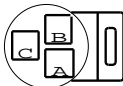
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ELECTRICAL CIRCUIT DIAGRAM

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

CHAPTER 13

A/C PRESSURE TRANSDUCER
(6201)
(LOCATED ON A/C COMPRESSOR FRONT
RIGHT SIDE OF ENGINE)

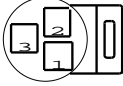


CONNECTOR 1678137C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	K77-2V	18	LTGN	1651943C1
B	K77A	18	LTGN	1651943C1
C	K77B	18	LTGN	1651943C1

W/ DURASTAR

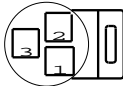
A/C PRESS TRANSDUCER
(6201)
(LOCATED ON A/C COMPRESSOR FRONT
RIGHT SIDE OF ENGINE)



CONNECTOR 3662921C1
BODY LOCK 3662879C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	A92B	18	GY	3554322C1	3554318C1
2	A6A	18	GY	3554322C1	3554318C1
3	A77B	18	LTGN	3554322C1	3554318C1

AC PRESSURE TRANSDUCER
(6201)
(LOCATED ON AC COMPRESSOR
FRONT RIGHT SIDE OF ENGINE)



CONNECTOR 3662921C1
BODY LOCK 3662879C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1*	K9AA	18	GY	3554322C1	3554318C1
1#	K9AAA	18	GY	3554322C1	3554318C1
2	K6DB	18	GY	3554322C1	3554318C1
3	K77B	18	LTGN	3554322C1	3554318C1

* N/ XMSN OIL TEMP GAUGE
W/ XMSN OIL TEMP GAUGE

AC PRESSURE TRANSDUCER
(6201A)
(LOCATED ON AC COMPRESSOR
FRONT RIGHT SIDE OF ENGINE)



CONNECTOR 3662921C1
BODY LOCK 3662879C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1*	K9AA	18	GY	3554322C1	3554318C1
1#	K9AAA	18	GY	3554322C1	3554318C1
2	K6DB	18	GY	3554322C1	3554318C1
3	K77B	18	LTGN	3554322C1	3554318C1

* N/ XMSN OIL TEMP GAUGE
W/ XMSN OIL TEMP GAUGE


A/C PRESS TRANSDUCER L/S
(6201B)
(LOCATED ON AC COMPRESSOR
FRONT RIGHT SIDE OF ENGINE)



CONNECTOR 3662921C1
BODY LOCK 3662879C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	K9AAA	18	GY	3554322C1	3554318C1
2	K6DB	18	GY	3554322C1	3554318C1
3	K77B	18	LTGN	3554322C1	3554318C1

"AC PRESSURE
TRANSDUCER"
(6201P)



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	LT GN	3702881C1	3600327C1
3	K77C	20	LT GN	3702881C1	3600327C1
4	K6DB	20	GY	3702881C1	3600327C1

CHK

DATE

CHANGE

REV

REFERENCE

DRAWN

NAME

0488

09SEP15

ADDED R/D 6201P.

J

93248U

310615

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

RELEASE NO.

DATE

PART NO.

SHEET

61229V

09JUN09

AE08058187

074

Figure 690 Connector Composites (6201), (6201A), (6201B), (6201P)

13.174. CONNECTOR COMPOSITES (6260A), (6260F), (6260FP), (6260H), P. 74A

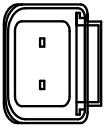
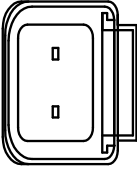
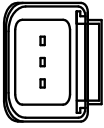
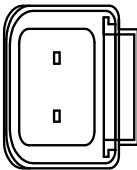
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13																								
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																													
ASOV (6260A) (LOCATED IN ENGINE)																																		
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>2</p>  <p>1</p> </div> <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95I</td> <td>18</td> <td>TN</td> <td>3573077C1</td> </tr> <tr> <td>2</td> <td>K95H</td> <td>18</td> <td>TN</td> <td>3573077C1</td> </tr> </tbody> </table> </div>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95I	18	TN	3573077C1	2	K95H	18	TN	3573077C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																														
1	K95I	18	TN	3573077C1																														
2	K95H	18	TN	3573077C1																														
CONNECTOR 3626436C1																																		
FPS (6260F) (LOCATED IN ENGINE)																																		
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>2</p>  <p>1</p> </div> <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95K</td> <td>18</td> <td>TN</td> <td>3573077C1</td> </tr> <tr> <td>2</td> <td>K95J</td> <td>18</td> <td>TN</td> <td>3573077C1</td> </tr> <tr> <td>3</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> </div>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95K	18	TN	3573077C1	2	K95J	18	TN	3573077C1	3	PLUG	-	-	-
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																														
1	K95K	18	TN	3573077C1																														
2	K95J	18	TN	3573077C1																														
3	PLUG	-	-	-																														
CONNECTOR 3626435C1																																		
FPS (6260FP) (LOCATED IN ENGINE)																																		
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>3</p>  <p>1</p> </div> <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95N</td> <td>18</td> <td>TN</td> <td>3573077C1</td> </tr> <tr> <td>2</td> <td>K95M</td> <td>18</td> <td>TN</td> <td>3573077C1</td> </tr> <tr> <td>3</td> <td>K95L</td> <td>18</td> <td>TN</td> <td>3573077C1</td> </tr> </tbody> </table> </div>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95N	18	TN	3573077C1	2	K95M	18	TN	3573077C1	3	K95L	18	TN	3573077C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																														
1	K95N	18	TN	3573077C1																														
2	K95M	18	TN	3573077C1																														
3	K95L	18	TN	3573077C1																														
CONNECTOR 3803116C1																																		
HCI (6260H) (LOCATED IN ENGINE)																																		
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>2</p>  <p>1</p> </div> <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95G</td> <td>18</td> <td>TN</td> <td>3573077C1</td> </tr> <tr> <td>2</td> <td>K95F</td> <td>18</td> <td>TN</td> <td>3573077C1</td> </tr> </tbody> </table> </div>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95G	18	TN	3573077C1	2	K95F	18	TN	3573077C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																														
1	K95G	18	TN	3573077C1																														
2	K95F	18	TN	3573077C1																														
CONNECTOR 3993816C1																																		
CNC	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																												
0610	12NOV13	ADDED R/D 6260A,	B	92218B	MJV0088	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																												
	6260F,	6260FP AND 6260H.			86976G	DATE	12FEB13	PART NO.	AE08058187 74A																									

Figure 691 Connector Composites (6260A), (6260F), (6260FP), (6260H)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.175. CONNECTOR COMPOSITES (6260HL), (6260HR), (6260UC), (6260VH), (6260VL), (6260VM), P. 74B





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CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																														
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">DOCT SENSOR BLACK (6260HL / 6260HR / 6260UC) (LOCATED BY RIGHT FRAME RAIL NEAR TRANSMISSION AREA)</p> <div style="text-align: center;">  <p>1 2</p> </div> <p style="text-align: center;">CONNECTOR 3626435C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95F4</td> <td>18</td> <td>TN</td> <td>3573077C1</td> </tr> <tr> <td>1*</td> <td>K95S4</td> <td>18</td> <td>TN</td> <td>3613771C1</td> </tr> <tr> <td>2</td> <td>K95K</td> <td>18</td> <td>TN</td> <td>3573077C1</td> </tr> <tr> <td>2*</td> <td>K95KK</td> <td>18</td> <td>TN</td> <td>3613771C1</td> </tr> </tbody> </table> <p style="text-align: center;">* W/ V8 ENGINE</p> </div> </div>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95F4	18	TN	3573077C1	1*	K95S4	18	TN	3613771C1	2	K95K	18	TN	3573077C1	2*	K95KK	18	TN	3613771C1										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																										
1	K95F4	18	TN	3573077C1																																										
1*	K95S4	18	TN	3613771C1																																										
2	K95K	18	TN	3573077C1																																										
2*	K95KK	18	TN	3613771C1																																										
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">HCI INJECTOR (6260VH) (LOCATED AT LEFT SIDE OF ENGINE)</p> <div style="text-align: center;">  <p>1 2</p> </div> <p style="text-align: center;">CONNECTOR 3690364C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95H</td> <td>18</td> <td>TN</td> <td>3689960C1</td> <td>3623615C1</td> </tr> <tr> <td>2</td> <td>K95J</td> <td>18</td> <td>TN</td> <td>3689960C1</td> <td>3623615C1</td> </tr> </tbody> </table> </div> </div>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K95H	18	TN	3689960C1	3623615C1	2	K95J	18	TN	3689960C1	3623615C1																	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																									
1	K95H	18	TN	3689960C1	3623615C1																																									
2	K95J	18	TN	3689960C1	3623615C1																																									
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">HCI INJECTOR (6260VL) (LOCATED AT LEFT SIDE OF ENGINE)</p> <div style="text-align: center;">  <p>1 2</p> </div> <p style="text-align: center;">CONNECTOR 3689957C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95K</td> <td>18</td> <td>TN</td> <td>3689960C1</td> <td>3623615C1</td> </tr> <tr> <td>2</td> <td>K95M</td> <td>18</td> <td>TN</td> <td>3689960C1</td> <td>3623615C1</td> </tr> </tbody> </table> </div> </div>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K95K	18	TN	3689960C1	3623615C1	2	K95M	18	TN	3689960C1	3623615C1																	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																									
1	K95K	18	TN	3689960C1	3623615C1																																									
2	K95M	18	TN	3689960C1	3623615C1																																									
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">HCI INJECTOR (6260VM) (LOCATED AT LEFT SIDE OF ENGINE)</p> <div style="text-align: center;">  <p>1 2 3 4</p> </div> <p style="text-align: center;">CONNECTOR 3689956C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95-GE</td> <td>18</td> <td>WH</td> <td>3689959C1</td> <td>3623615C1</td> </tr> <tr> <td>2</td> <td>K95T</td> <td>18</td> <td>TN</td> <td>3689959C1</td> <td>3623615C1</td> </tr> <tr> <td>3</td> <td>K95DC</td> <td>18</td> <td>TN</td> <td>3689959C1</td> <td>3623615C1</td> </tr> <tr> <td>4</td> <td>K95V</td> <td>18</td> <td>TN</td> <td>3689959C1</td> <td>3623615C1</td> </tr> </tbody> </table> </div> </div>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K95-GE	18	WH	3689959C1	3623615C1	2	K95T	18	TN	3689959C1	3623615C1	3	K95DC	18	TN	3689959C1	3623615C1	4	K95V	18	TN	3689959C1	3623615C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																									
1	K95-GE	18	WH	3689959C1	3623615C1																																									
2	K95T	18	TN	3689959C1	3623615C1																																									
3	K95DC	18	TN	3689959C1	3623615C1																																									
4	K95V	18	TN	3689959C1	3623615C1																																									
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CHK	DATE	CHANGE	REV	REFERENCE	DRWN	NAME																																								
0610	12NOV13	INITIAL RELEASE.	A	92218B	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																								
				RELEASE NO.	DATE	PART NO.																																								
				92218B	30JUL13	AE08058187																																								
						SHEET 74B																																								

Figure 692 Connector Composites (6260HL), (6260HR), (6260UC), (6260VH), (6260VL), (6260VM)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.176. CONNECTOR COMPOSITES (6260VN), (6261), (6262), (6263), (6316M), P. 75

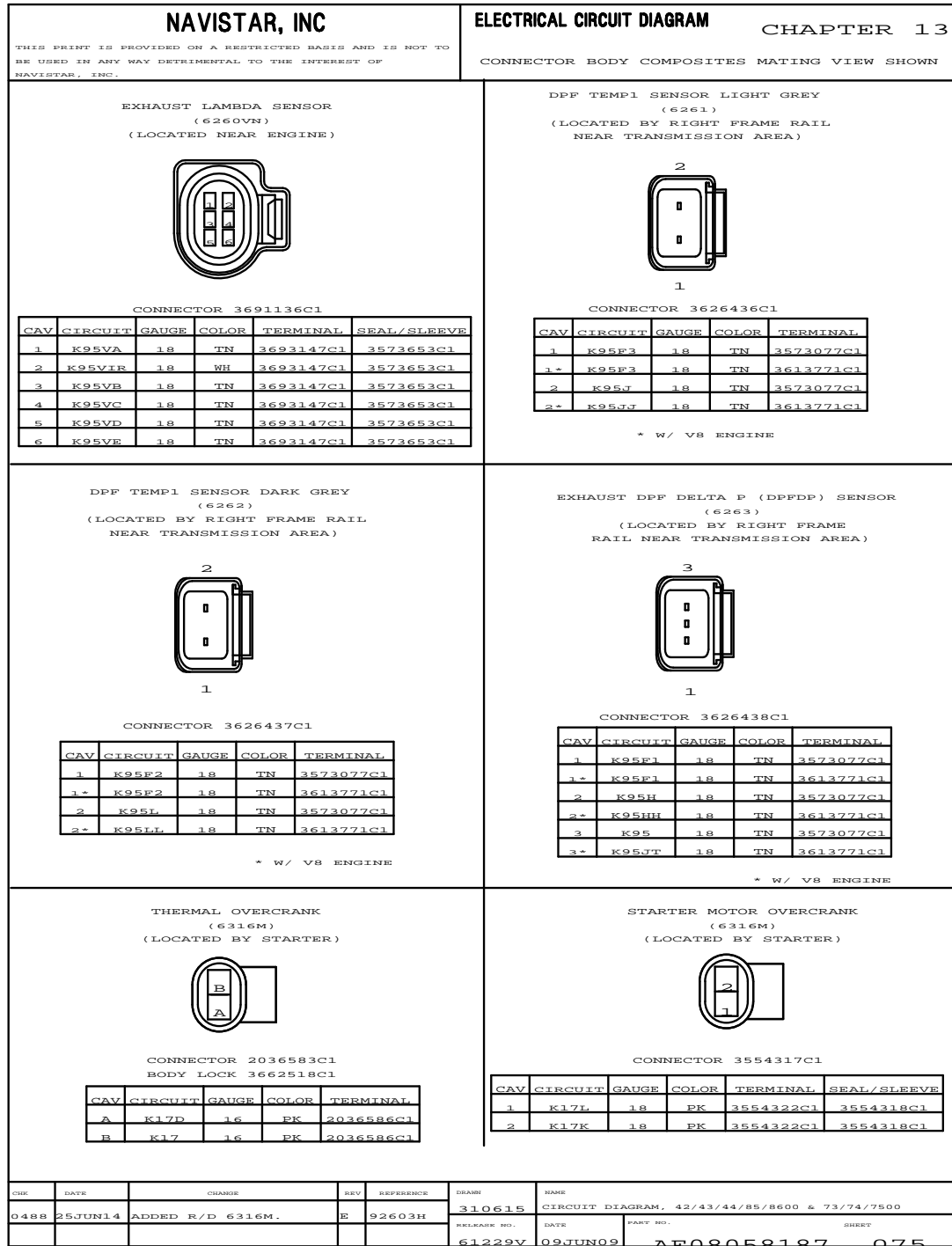


Figure 693 Connector Composites (6260VN), (6261), (6262), (6263), (6316M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.177. CONNECTOR COMPOSITES (6323), (6332), (6333), (6334), P. 75A

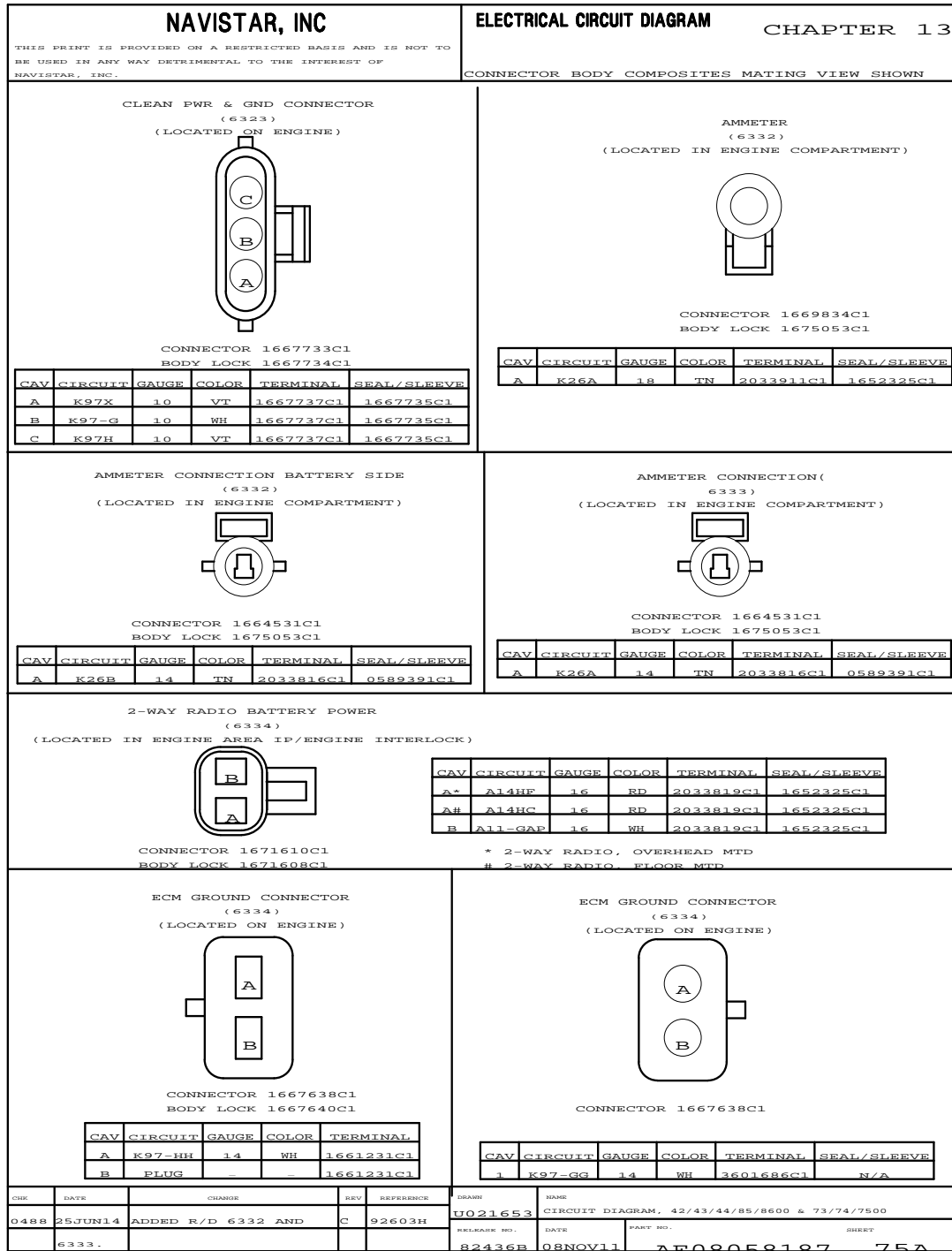


Figure 694 Connector Composites (6323), (6332), (6333), (6334)

13.178. CONNECTOR COMPOSITES (6334), (6340), P. 76

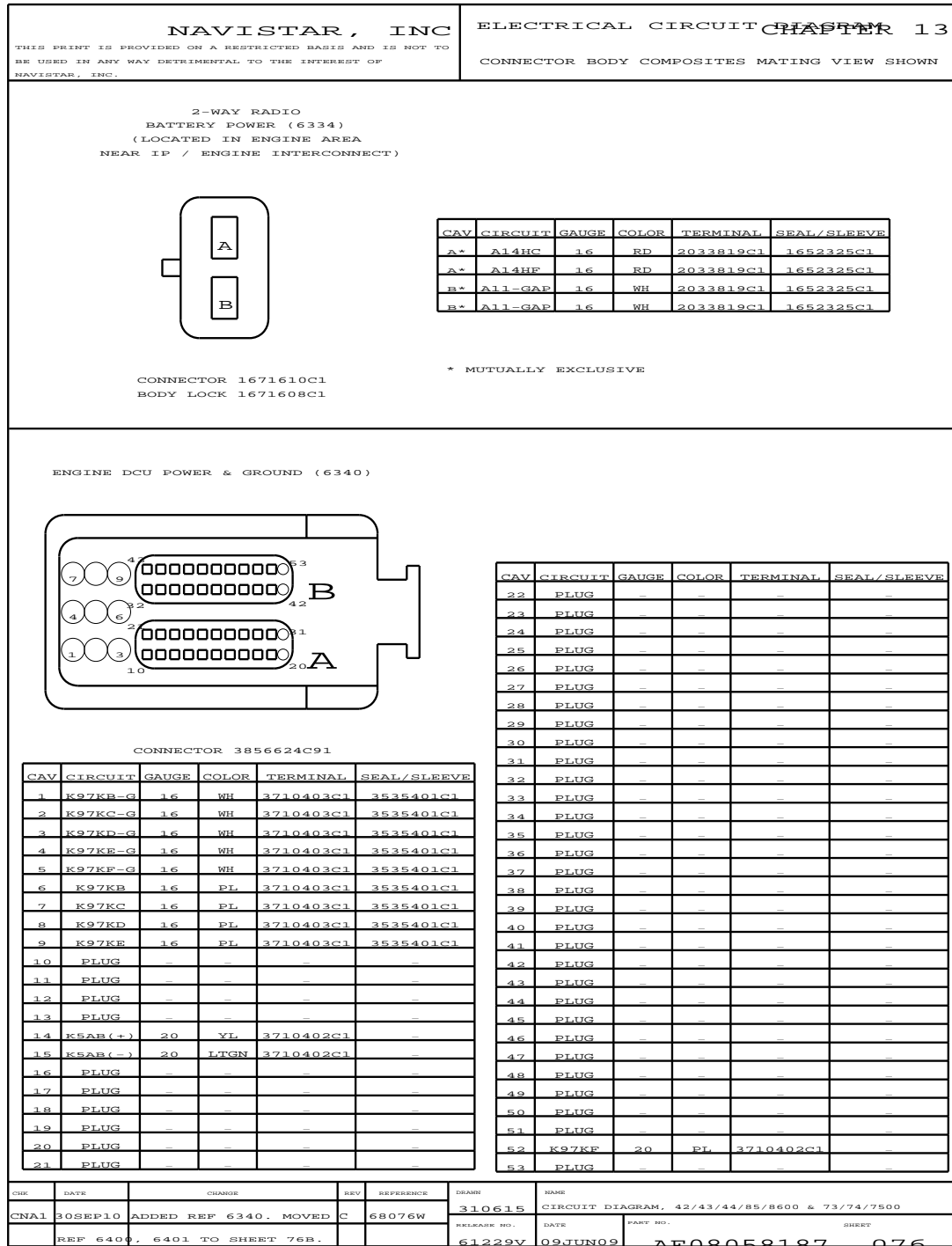


Figure 695 Connector Composites (6334), (6340)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.179. CONNECTOR COMPOSITES (6341), P. 76A

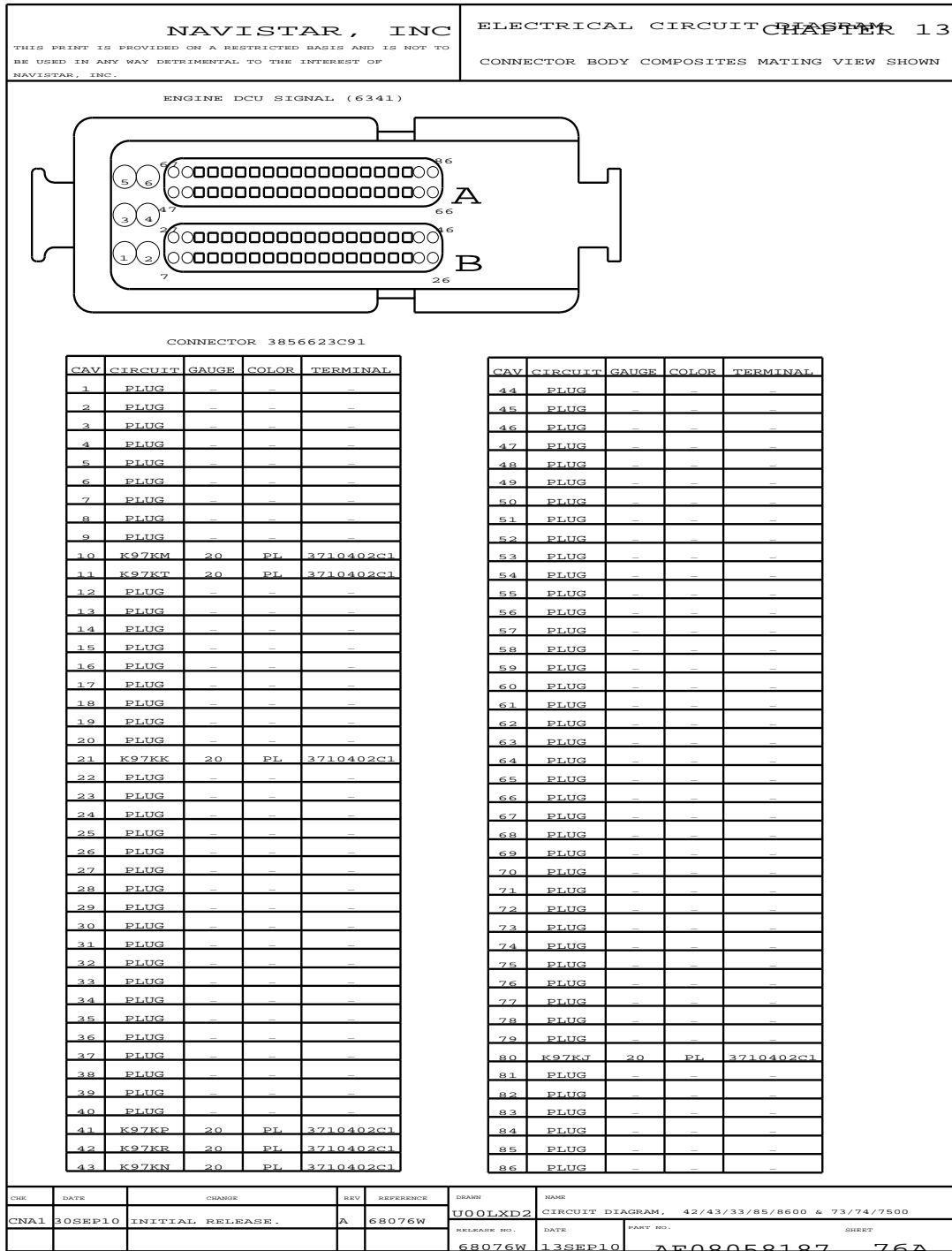


Figure 696 Connector Composites (6341)

13.180. CONNECTOR COMPOSITES (6342), (6343), P. 76B

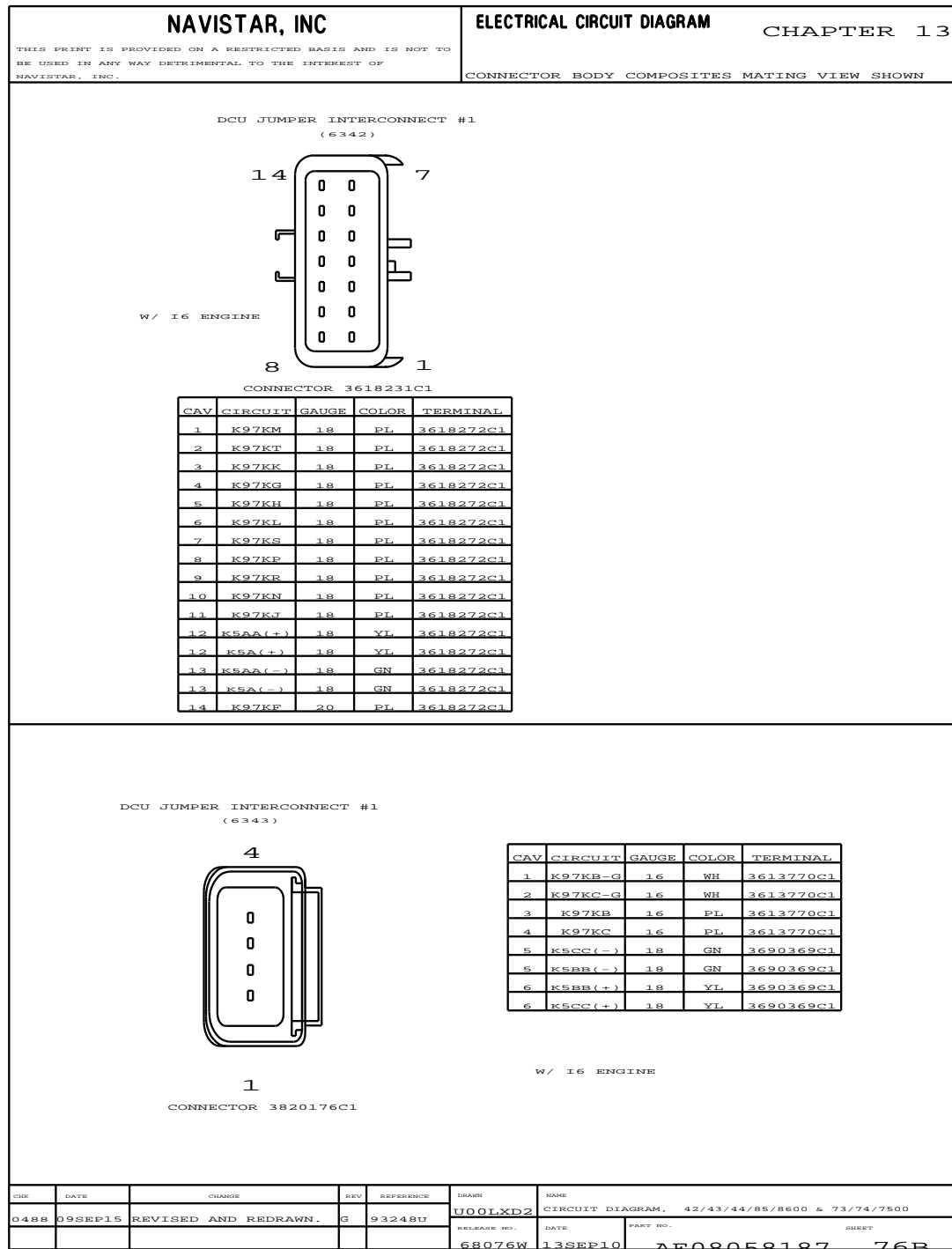


Figure 697 Connector Composites (6342), (6343)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.181. CONNECTOR COMPOSITES (6400), (6401), (6401A), P. 76C

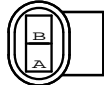
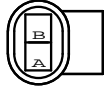
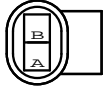


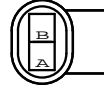
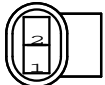
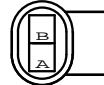
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																					
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<p style="text-align: center;">LEFT SURGE TANK W/MD (6400) (LOCATED BY LEFT MOUNTED SURGE TANK)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>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> </div> <p style="text-align: center;">CONNECTOR 3662425C1 BODY LOCK 3662518C1</p>								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	SEAL/SLEEVE																																						
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B	K34-G	18	WH	3554322C1	3554318C1																																						
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68076W				13SEP10	AE08058187		76C																																				

Figure 698 Connector Composites (6400), (6401), (6401A)

13.182. CONNECTOR COMPOSITES (6400), (6401), (6401A), P. 76D

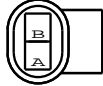
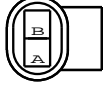
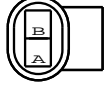


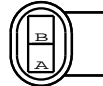
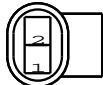
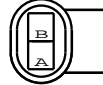
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																					
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																							
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Figure 699 Connector Composites (6400), (6401), (6401A)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.183. CONNECTOR COMPOSITES (6401), (6401M), (6401R), (6407), (6406M), (6408), (6420), P. 77




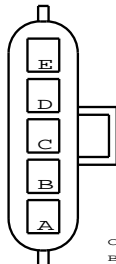
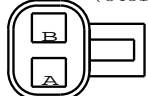



NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																																																									
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<p style="text-align: center;">LOW COOLANT SENSOR (6401/6407) (LOCATED COOLANT RESERVOIR)</p>  <p style="text-align: center;">CONNECTOR 2036583C1</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/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K34D</td> <td>18</td> <td>TN</td> <td>2036586C1</td> <td></td> </tr> <tr> <td>B</td> <td>K34B</td> <td>18</td> <td>TN</td> <td>2036586C1</td> <td></td> </tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	A	K34D	18	TN	2036586C1		B	K34B	18	TN	2036586C1		<p style="text-align: center;">SENDER/LOW COOLANT SENDER 7000 (6401 / 6407) (LOCATED ON COOLANT RESERVOIR)</p>  <p style="text-align: center;">CONNECTOR 3662425C1 BODY LOCK 3662518C1</p> <p style="text-align: center;">* W/CUMMINS ISB ENGINE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K34D</td> <td>18</td> <td>TN</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>A*</td> <td>K34A</td> <td>18</td> <td>TN</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>B</td> <td>K34B</td> <td>18</td> <td>TN</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>B*</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/SLV	A	K34D	18	TN	3554322C1	3554318C1	A*	K34A	18	TN	3554322C1	3554318C1	B	K34B	18	TN	3554322C1	3554318C1	B*	K34-G	18	TN	3554322C1	3554318C1						
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<p style="text-align: center;">LOW COOLANT SENDER (6401)</p>  <p style="text-align: center;">CONNECTOR 3662425C1 BODY LOCK 3662518C1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K34D</td> <td>18</td> <td>TN</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>2</td> <td>K34B</td> <td>18</td> <td>TN</td> <td>3554322C1</td> <td>3554318C1</td> </tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K34D	18	TN	3554322C1	3554318C1	2	K34B	18	TN	3554322C1	3554318C1	<p style="text-align: center;">COOLANT LEVEL MODULE (6401M)</p>  <p style="text-align: center;">CONNECTOR 1687789C1 BODY LOCK 1661376C1</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/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K6G</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>3517771C1</td> </tr> <tr> <td>B</td> <td>K34</td> <td>16</td> <td>TN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>K34A</td> <td>20</td> <td>TN</td> <td>2033819C1</td> <td>3517771C1</td> </tr> <tr> <td>D</td> <td>K9B</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>3517771C1</td> </tr> <tr> <td>E</td> <td>K34B</td> <td>16</td> <td>TN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	A	K6G	18	GY	2033819C1	3517771C1	B	K34	16	TN	2033819C1	1652325C1	C	K34A	20	TN	2033819C1	3517771C1	D	K9B	18	GY	2033819C1	3517771C1	E	K34B	16	TN	2033819C1	1652325C1
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<p style="text-align: center;">RIGHT SIDE SURGE TANK (6401R)</p>  <p style="text-align: center;">CONNECTOR 1671610C1 BODY LOCK 1671608C1</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>K34</td> <td>16</td> <td>TN</td> <td>2033819C1</td> <td>1671610C1</td> </tr> <tr> <td>B</td> <td>K34B</td> <td>16</td> <td>TN</td> <td>2033819C1</td> <td>1671610C1</td> </tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K34	16	TN	2033819C1	1671610C1	B	K34B	16	TN	2033819C1	1671610C1																																								
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<p style="text-align: center;">VARIABLE SPEED FAN (6420) (LOCATED IN CAB)</p>  <p style="text-align: center;">CONNECTOR 3579124C1 BODY LOCK 3579126C1</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>K23-G</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>2</td> <td>K23A1</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>3</td> <td>K23</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>4</td> <td>K23B1</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>5</td> <td>K23C</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>6</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3527276C1</td> </tr> </tbody> </table> <p style="text-align: center;">W/ IBS ENGINE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K23-G	18	TN	3518963C1	2	K23A1	18	TN	3518963C1	3	K23	18	TN	3518963C1	4	K23B1	18	TN	3518963C1	5	K23C	18	TN	3518963C1	6	PLUG	-	-	3527276C1																			
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5	K23C	18	TN	3518963C1																																																													
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Figure 700 Connector Composites (6401), (6401M), (6401R), (6407), (6406M), (6408), (6420)

13.184. CONNECTOR COMPOSITES (6561), (6566), (6567), P. 77A

NAVISTAR, INC

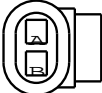
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ELECTRICAL CIRCUIT DIAGRAM

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

CHAPTER 13

E-FAN
(6561)
(LOCATED IN ENGINE)




CONNECTOR 3522068C1
BODY LOCK 1661874C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K23D	16	TN	1661875C1	1661872C1
B	K10-GG	16	WH	1661875C1	1661872C1

W/ V8 ENGINE

PDM 4-WAY
(6566)
(LOCATED IN ENGINE)

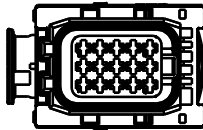


CONNECTOR 6113338C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1*	K14J	10	RD	3752553C1	6113347C1
1#	K14A	10	RD	3752553C1	6113347C1
1&	K97X	10	VT	3752553C1	6113347C1
2#&	K90A	10	RD	3752553C1	6113347C1
3*	K14N	10	RD	3752553C1	6113347C1
3#	K18G	10	PK	3752553C1	6113347C1
4&	K97H	10	RD	3752553C1	6113347C1

* W/ IBB ENGINE
W/ CUMMINS ISB ENGINE
& W/ I6 2010 SCR ENGINE

PDM 15-WAY
(6567)
(LOCATED IN ENGINE)



CONNECTOR 6113341C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	PLUG	-	-	6113350C1	-
1@	K97K	12	PL	3830799C1	3575783C1
2	PLUG	-	-	6113350C1	-
3	PLUG	-	-	6113350C1	-
4	K95AK2	12	TN	3830799C1	3575783C1
4&	K14J	16	RD	3830792C1	3509903C1
5	PLUG	-	-	6113350C1	-
6	PLUG	-	-	6113350C1	-
7*	K14A	12	RD	3830799C1	3575783C1
7*	K92A170	14	RD	3830798C1	3575783C1
7*	K14AW	12	RD	3830799C1	3575783C1
7*	K92D170	12	PK	3830799C1	3575783C1
7#	K14C	16	RD	3830792C1	3509903C1
7&	K92H110	12	RD	3830799C1	3575783C1
7&	K92B110	12	PK	3830799C1	3575783C1
8	PLUG	-	-	6113350C1	-
9	PLUG	-	-	6113350C1	-
10&	K14HC	14	RD	3830798C1	3509903C1
11	PLUG	-	-	6113350C1	-
12	PLUG	-	-	6113350C1	-
13#	K14	12	RD	3830799C1	3575783C1
13@	K95AK1	12	TN	3830799C1	3575783C1
14#	K14A	12	RD	3830799C1	3575783C1
15	PLUG	-	-	6113350C1	-

* MUTUALLY EXCLUSIVE
W/ CUMMINS ISB ENGINE
@ W/ I6 2010 SCR ENGINE
& W/ 2013 IBB ENGINE

CMC	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
0488	09SEP15	REVISED AND REDRAWN.	E	93248U	310615			
					RELEASE NO.	DATE	PART NO.	SHEET
					92218B	30JUL13	AE08058187	77A

Figure 701 Connector Composites (6561), (6566), (6567)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.185. CONNECTOR COMPOSITES (6568), (6569), P. 77B


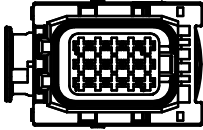
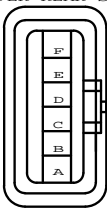
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3	K14N	10	RD	3752553C1	6113347C1																																																																																																			
4	PLUG	-	-	-	-																																																																																																			
<div style="text-align: center; margin-bottom: 20px;"><p>PDM 15-WAY (6569) (LOCATED IN ENGINE)</p><p>CONNECTOR 6113341C1</p></div> <table border="1" style="margin-left: auto; margin-right: auto; 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>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>4</td><td>K95AK1</td><td>12</td><td>TN</td><td>3830799C1</td><td>3575783C1</td></tr><tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>7</td><td>K14A</td><td>12</td><td>RD</td><td>3830799C1</td><td>3575783C1</td></tr><tr><td>8</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>13</td><td>K95AK2</td><td>12</td><td>RD</td><td>3830799C1</td><td>3575783C1</td></tr><tr><td>14</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>15</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>									CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	PLUG	-	-	-	-	2	PLUG	-	-	-	-	3	PLUG	-	-	-	-	4	K95AK1	12	TN	3830799C1	3575783C1	5	PLUG	-	-	-	-	6	PLUG	-	-	-	-	7	K14A	12	RD	3830799C1	3575783C1	8	PLUG	-	-	-	-	9	PLUG	-	-	-	-	10	PLUG	-	-	-	-	11	PLUG	-	-	-	-	12	PLUG	-	-	-	-	13	K95AK2	12	RD	3830799C1	3575783C1	14	PLUG	-	-	-	-	15	PLUG	-	-	-	-
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																																			
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																																		
0610	12NOV13	INITIAL RELEASE.	A	92218B	MJVO195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																																																		
RELEASE NO.					DATE	PART NO.	SHEET																																																																																																	
92218B					30JUL13	AE08058187		77B																																																																																																

Figure 702 Connector Composites (6568), (6569)

13.186. CONNECTOR COMPOSITES (6702), (6703), (6703A), (6704), P. 78

NAVISTAR, INC <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR BODY COMPOSITES MATING VIEW SHOWN			
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ZERO VOLT REFERENCE
(6702)
(LOCATED AT UPPER REAR SIDE OF ENGINE)

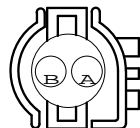


CONNECTOR 3543729C1
BODY LOCK 3543731C1

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	-	-	-	-

W/ IBB ENGINE

INTAKE AIR TEMPERATURE
(6703)
(LOCATED ON AIR FILTER HOUSING)




CONNECTOR 1689462C1
BODY LOCK 1689463C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	K41	16	TN	1689464C1
B	K41-GC	16	WH	1689464C1

W/ IBB ENGINE

AIR FILTER RESTRICTION GAUGE
(6703A)
(LOCATED IN ENGINE)

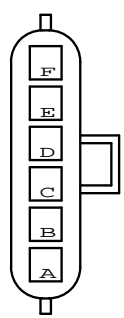


CONNECTOR 3522068C1
BODY LOCK 1661874C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K9AAB	18	GY	1661875C1	1661872C1
B	K28	18	TN	1661875C1	1661872C1

W/ IBB ENGINE

GROUND SPICE
(6704)
(LOCATED IN ENGINE)



CONNECTOR 3551896C1
BODY LOCK 3551897C1

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	K10WH5	14	WH	2033816C1	1652325C1
F	K10-GL	12	WH	2033816C1	0589390C1

CHK	DATE	CHANGE	REV	REFERENCE	DRWN	NAME
0610	12NOV13	ADDED R/D 6704.	C	92218B	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
	UPDATED	NAME OF R/D 6703A.			61229V	08JUN09
					AE08058187 078	

Figure 703 Connector Composites (6702), (6703), (6703A), (6704)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.187. CONNECTOR COMPOSITES (6704M), (6709), (6710), (6712), P. 79

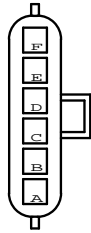
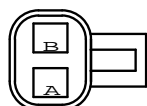
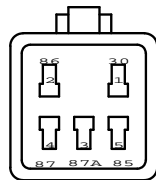
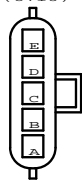
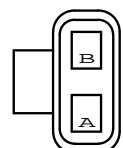
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																			
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<p style="text-align: center;">GROUND ADAPTER (6704M) (LOCATED NEAR THE ENGINE ECM CONNECTION)</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;">  <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr> <tr><td>B</td><td>K77-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>K10-GB</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>D</td><td>K10-GG</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>E</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr> <tr><td>F</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 3551896C1 BODY LOCK 3551897C1</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	PLUG	-	-	0587579C1	-	B	K77-G	16	WH	2033819C1	1652325C1	C	K10-GB	14	WH	2033816C1	0589391C1	D	K10-GG	16	WH	2033819C1	1652325C1	E	PLUG	-	-	0587579C1	-	F	PLUG	-	-	0587579C1	-																								
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E	PLUG	-	-	0587579C1	-																																																																				
F	PLUG	-	-	0587579C1	-																																																																				
<p style="text-align: center;">FUEL HEATER (6709)</p>  <p style="text-align: center;">CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>K18B</td><td>10</td><td>PK</td><td>1687847C1</td><td>0589390C1</td></tr> <tr><td>B</td><td>K18E</td><td>10</td><td>WH</td><td>1687847C1</td><td>0589390C1</td></tr> <tr><td>B*</td><td>K18E-G</td><td>10</td><td>WH</td><td>1687847C1</td><td>0589390C1</td></tr> </tbody> </table> <p style="font-size: x-small;">W/ DURASTAR * MUTUALLY EXCLUSIVE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K18B	10	PK	1687847C1	0589390C1	B	K18E	10	WH	1687847C1	0589390C1	B*	K18E-G	10	WH	1687847C1	0589390C1	<p style="text-align: center;">FUEL HEATER RELAY (6710)</p>  <p style="text-align: center;">CONNECTOR 3512331C91 BODY LOCK 3515185C1</p> <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>1</td><td>K18C</td><td>10</td><td>PK</td><td>3512334C1</td><td>0589390C1</td></tr> <tr><td>2</td><td>K18A</td><td>18</td><td>WH</td><td>2039343C1</td><td>3517771C1</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr> <tr><td>4</td><td>K18B</td><td>10</td><td>PK</td><td>3512334C1</td><td>0589390C1</td></tr> <tr><td>5</td><td>K18D</td><td>18</td><td>WH</td><td>2039343C1</td><td>3517771C1</td></tr> <tr><td>5*</td><td>K18D-G</td><td>18</td><td>WH</td><td>2039343C1</td><td>3517771C1</td></tr> </tbody> </table> <p style="font-size: x-small;">W/ DURASTAR * MUTUALLY EXCLUSIVE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K18C	10	PK	3512334C1	0589390C1	2	K18A	18	WH	2039343C1	3517771C1	3	PLUG	-	-	0587579C1	-	4	K18B	10	PK	3512334C1	0589390C1	5	K18D	18	WH	2039343C1	3517771C1	5*	K18D-G	18	WH	2039343C1	3517771C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																				
A	K18B	10	PK	1687847C1	0589390C1																																																																				
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B*	K18E-G	10	WH	1687847C1	0589390C1																																																																				
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2	K18A	18	WH	2039343C1	3517771C1																																																																				
3	PLUG	-	-	0587579C1	-																																																																				
4	K18B	10	PK	3512334C1	0589390C1																																																																				
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5*	K18D-G	18	WH	2039343C1	3517771C1																																																																				
<p style="text-align: center;">LOW COOLANT MODULE CONN (6710)</p>  <p style="text-align: center;">CONNECTOR 1687789C1 BODY LOCK 1661376C1</p> <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>K34C</td><td>14</td><td>VT</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>K34A</td><td>18</td><td>TN</td><td>2033819C1</td><td>3517771C1</td></tr> <tr><td>C</td><td>K34B</td><td>18</td><td>TN</td><td>2033819C1</td><td>3517771C1</td></tr> <tr><td>D</td><td>K34-GX</td><td>18</td><td>WH</td><td>2033819C1</td><td>3517771C1</td></tr> <tr><td>E</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	K34C	14	VT	2033816C1	0589391C1	B	K34A	18	TN	2033819C1	3517771C1	C	K34B	18	TN	2033819C1	3517771C1	D	K34-GX	18	WH	2033819C1	3517771C1	E	K34-GB	16	WH	2033819C1	1652325C1	<p style="text-align: center;">ECM FUSE (6712)</p>  <p style="text-align: center;">CONNECTOR 3512967C1 BODY LOCK 1675451C1</p> <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>K14AF</td><td>10</td><td>RD</td><td>3679001C1</td></tr> <tr><td>B</td><td>K14J</td><td>10</td><td>RD</td><td>3679001C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">W/ 1200 ENGINE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K14AF	10	RD	3679001C1	B	K14J	10	RD	3679001C1															
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0488		24MAR15		ADDED CIRC K18E-G &		G		92927M		310615		CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																													
				K18D-G IN R/D 6709, 6710.						61229V		08JUN09																																																													
												AE08058187 079																																																													

Figure 704 Connector Composites (6704M), (6709), (6710), (6712)

13.188. CONNECTOR COMPOSITES (6713), (6715), P. 79A

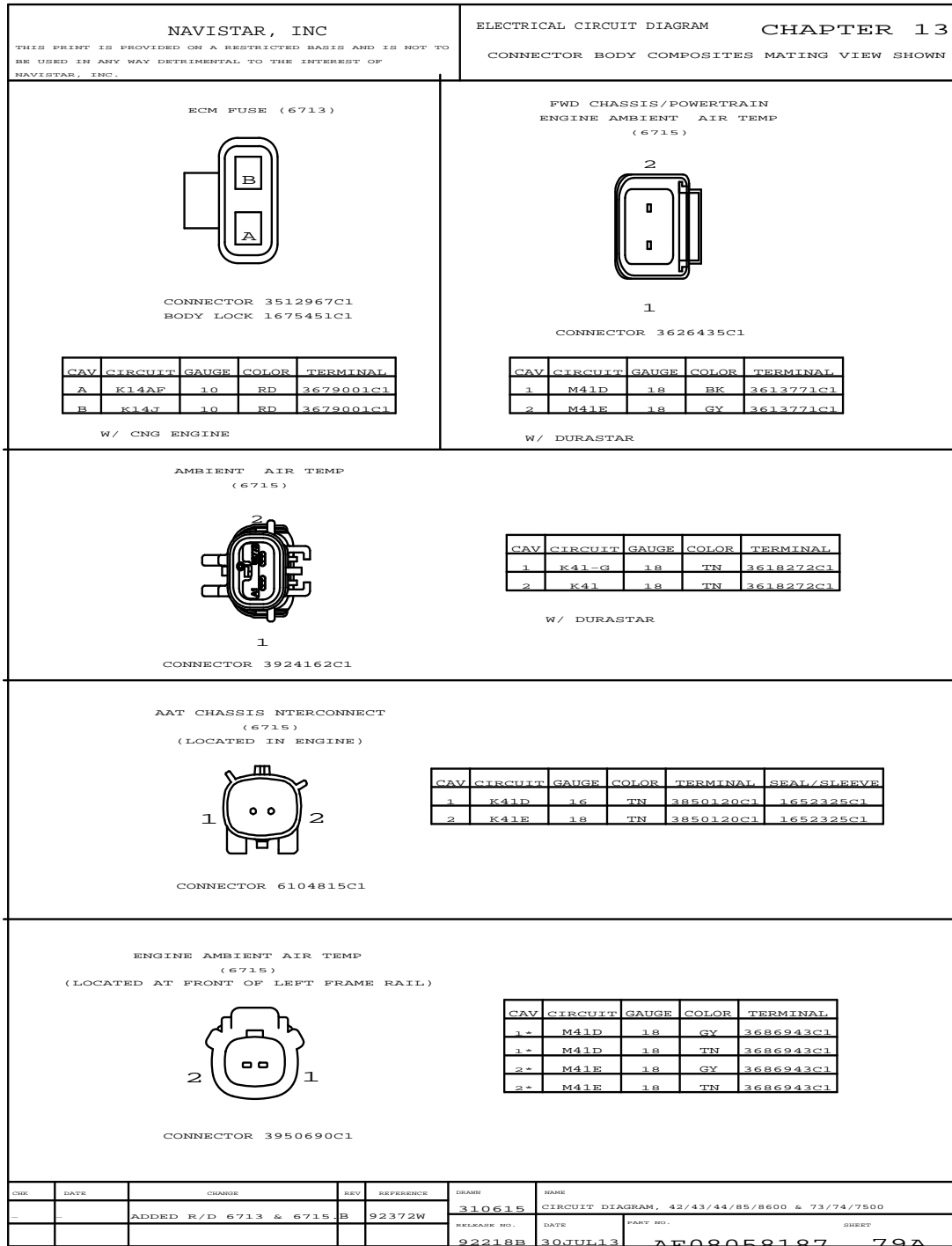


Figure 705 Connector Composites (6713), (6715)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.189. CONNECTOR COMPOSITES (6720), (6730), (6747), P. 80

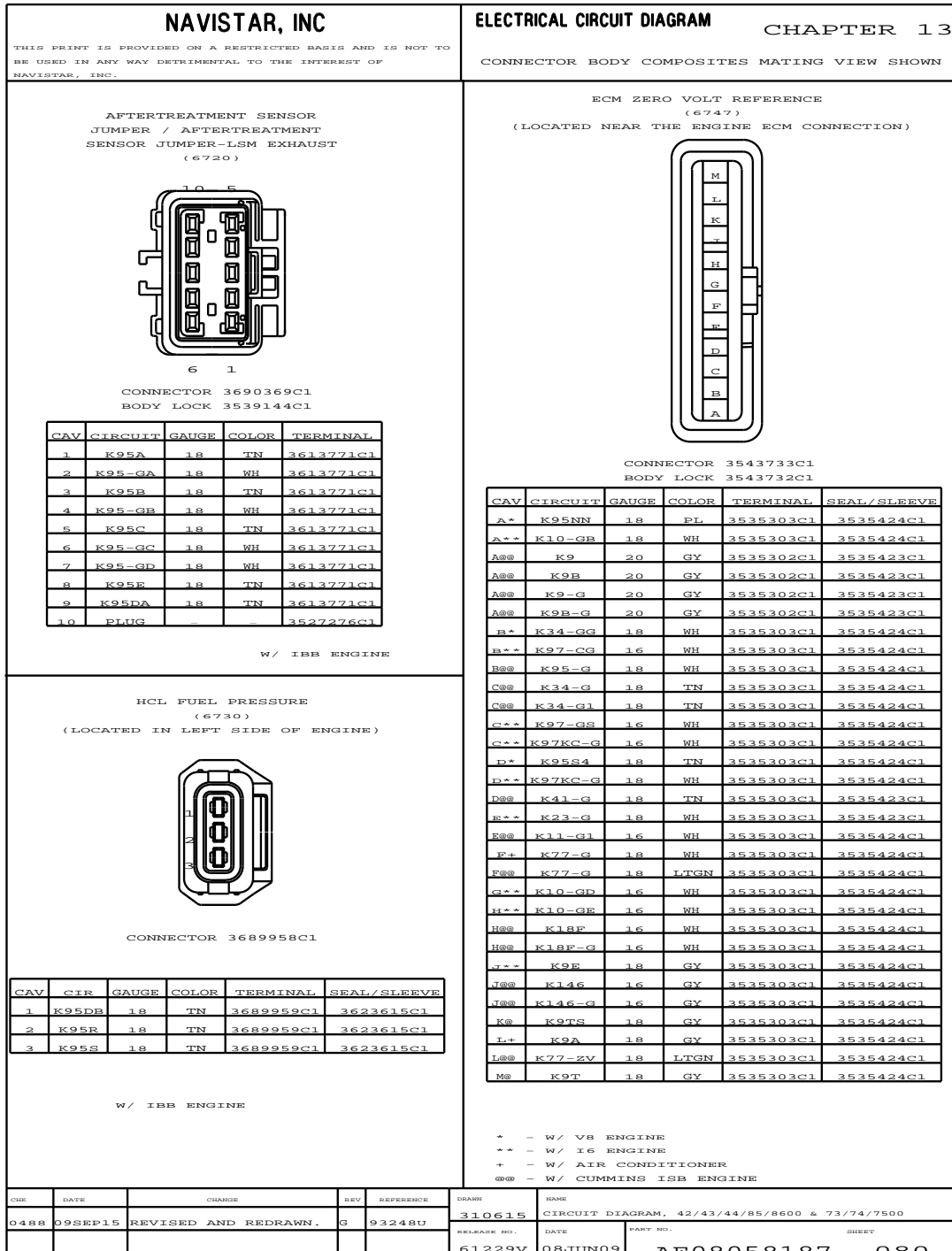


Figure 706 Connector Composites (6720), (6730), (6747)

13.190. CONNECTOR COMPOSITES (6748), (6800), (6801), P. 80A


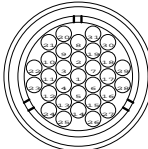
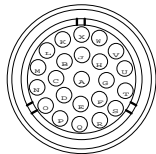
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																																																																																																					
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EGNR DIAGNOSTIC CONN (6748) (LOCATED IN ENGINE)					ENGINE INTERFACE (6801) (LOCATED IN LEFT SIDE OF ENGINE)																																																																																																																																																																																							
																																																																																																																																																																																												
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Figure 707 Connector Composites (6748), (6800), (6801)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.191. CONNECTOR COMPOSITES (6802), (6803), (6804), (6805), (6811), (6812), (6900), P. 80B

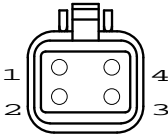
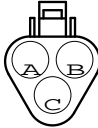
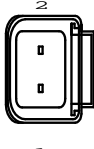
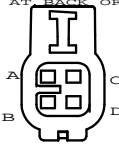
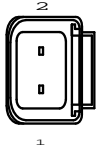
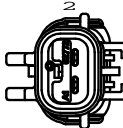
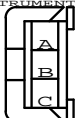
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																														
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																
<p style="text-align: center;">ENGINE POWER (6802) (LOCATED AT LEFT SIDE OF ENGINE)</p>  <p style="text-align: center;">CONNECTOR 3557533C1 BODY LOCK 3557539C1</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>K14JB</td> <td>12</td> <td>RD</td> <td>3557534C1</td> </tr> <tr> <td>4</td> <td>K14JA</td> <td>12</td> <td>RD</td> <td>3557534C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	PLUG	-	-	-	2	PLUG	-	-	-	3	K14JB	12	RD	3557534C1	4	K14JA	12	RD	3557534C1	<p style="text-align: center;">ENGINE J1939 (6803) (LOCATED AT LEFT SIDE OF ENGINE)</p>  <p style="text-align: center;">CONNECTOR 3601919C1 BODY LOCK 3601921C1</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>K5S12B</td> <td>20</td> <td>VL</td> <td>1651988C1</td> </tr> <tr> <td>B</td> <td>K5S10B</td> <td>20</td> <td>GN</td> <td>1651988C1</td> </tr> <tr> <td>C</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K5S12B	20	VL	1651988C1	B	K5S10B	20	GN	1651988C1	C	PLUG	-	-	-
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B	K5S10B	20	GN	1651988C1																																																
C	PLUG	-	-	-																																																
<p style="text-align: center;">AFTER TREATMENT TEMP (6804) (LOCATED AT BACK SIDE OF ENGINE)</p>  <p style="text-align: center;">CONNECTOR 3626435C1</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>COLOUR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95A</td> <td>18</td> <td>TN</td> <td>3613771C1</td> </tr> <tr> <td>2</td> <td>K95-GA</td> <td>18</td> <td>WH</td> <td>3613771C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOUR	TERMINAL	1	K95A	18	TN	3613771C1	2	K95-GA	18	WH	3613771C1	<p style="text-align: center;">AFTER TREATMENT EGO (6805) (LOCATED AT BACK OF THE ENGINE)</p>  <p style="text-align: center;">CONNECTOR 3964616C1 BODY LOCK 3964640C1</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>K95-GB</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>K95B</td> <td>18</td> <td>TN</td> <td>1661261C1</td> </tr> <tr> <td>C</td> <td>K95C</td> <td>18</td> <td>TN</td> <td>1661261C1</td> </tr> <tr> <td>D</td> <td>K95D</td> <td>18</td> <td>TN</td> <td>1661261C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K95-GB	18	WH	1661261C1	B	K95B	18	TN	1661261C1	C	K95C	18	TN	1661261C1	D	K95D	18	TN	1661261C1					
CAV	CIRCUIT	GAUGE	COLOUR	TERMINAL																																																
1	K95A	18	TN	3613771C1																																																
2	K95-GA	18	WH	3613771C1																																																
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																
A	K95-GB	18	WH	1661261C1																																																
B	K95B	18	TN	1661261C1																																																
C	K95C	18	TN	1661261C1																																																
D	K95D	18	TN	1661261C1																																																
<p style="text-align: center;">NG DETECT CLEAN POWER (6811) (LOCATED AT BATTERY CABLES)</p>  <p style="text-align: center;">CONNECTOR 3626435C1</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>K147L</td> <td>14</td> <td>RD</td> <td>3613770C1</td> </tr> <tr> <td>2</td> <td>K147-G</td> <td>14</td> <td>WH</td> <td>3613770C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K147L	14	RD	3613770C1	2	K147-G	14	WH	3613770C1	<p style="text-align: center;">NG DETECT CLEAN POWER (6812) (LOCATED AT BATTERY CABLES)</p>  <p style="text-align: center;">CONNECTOR 3924162C1</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>K147L</td> <td>14</td> <td>RD</td> <td>3618273C1</td> </tr> <tr> <td>2</td> <td>K147-G</td> <td>14</td> <td>WH</td> <td>3618273C2</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K147L	14	RD	3618273C1	2	K147-G	14	WH	3618273C2															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																
1	K147L	14	RD	3613770C1																																																
2	K147-G	14	WH	3613770C1																																																
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																
1	K147L	14	RD	3618273C1																																																
2	K147-G	14	WH	3618273C2																																																
<p style="text-align: center;">2 WAY RADIO OVERHEAD (6900) (LOCATED IN INSTRUMENT PANEL LEFT SIDE)</p>  <p style="text-align: center;">CONNECTOR 1661198C1</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>A14HF</td> <td>14</td> <td>RD</td> <td>3566715C1</td> </tr> <tr> <td>A*</td> <td>A14HF</td> <td>16</td> <td>RD</td> <td>1661209C1</td> </tr> <tr> <td>B*</td> <td>A11-GAP</td> <td>14</td> <td>WH</td> <td>3566715C1</td> </tr> <tr> <td>B*</td> <td>A11-GAP</td> <td>16</td> <td>WH</td> <td>1661209C1</td> </tr> <tr> <td>C</td> <td>A86P</td> <td>16</td> <td>LTGN</td> <td>1661209C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A*	A14HF	14	RD	3566715C1	A*	A14HF	16	RD	1661209C1	B*	A11-GAP	14	WH	3566715C1	B*	A11-GAP	16	WH	1661209C1	C	A86P	16	LTGN	1661209C1															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																
A*	A14HF	14	RD	3566715C1																																																
A*	A14HF	16	RD	1661209C1																																																
B*	A11-GAP	14	WH	3566715C1																																																
B*	A11-GAP	16	WH	1661209C1																																																
C	A86P	16	LTGN	1661209C1																																																
CDE	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																														
0488	25JUN14	ADDED R/D 6900.	B	92603H	30000091	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																														
					RELEASE NO.	DATE	PART NO.																																													
					86976G	05FEB13	AE08058187																																													
						80B																																														

Figure 708 Connector Composites (6802), (6803), (6804), (6805), (6811), (6812), (6900)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.192. CONNECTOR COMPOSITES (6901), (6925), (6969), (7070), P. 81

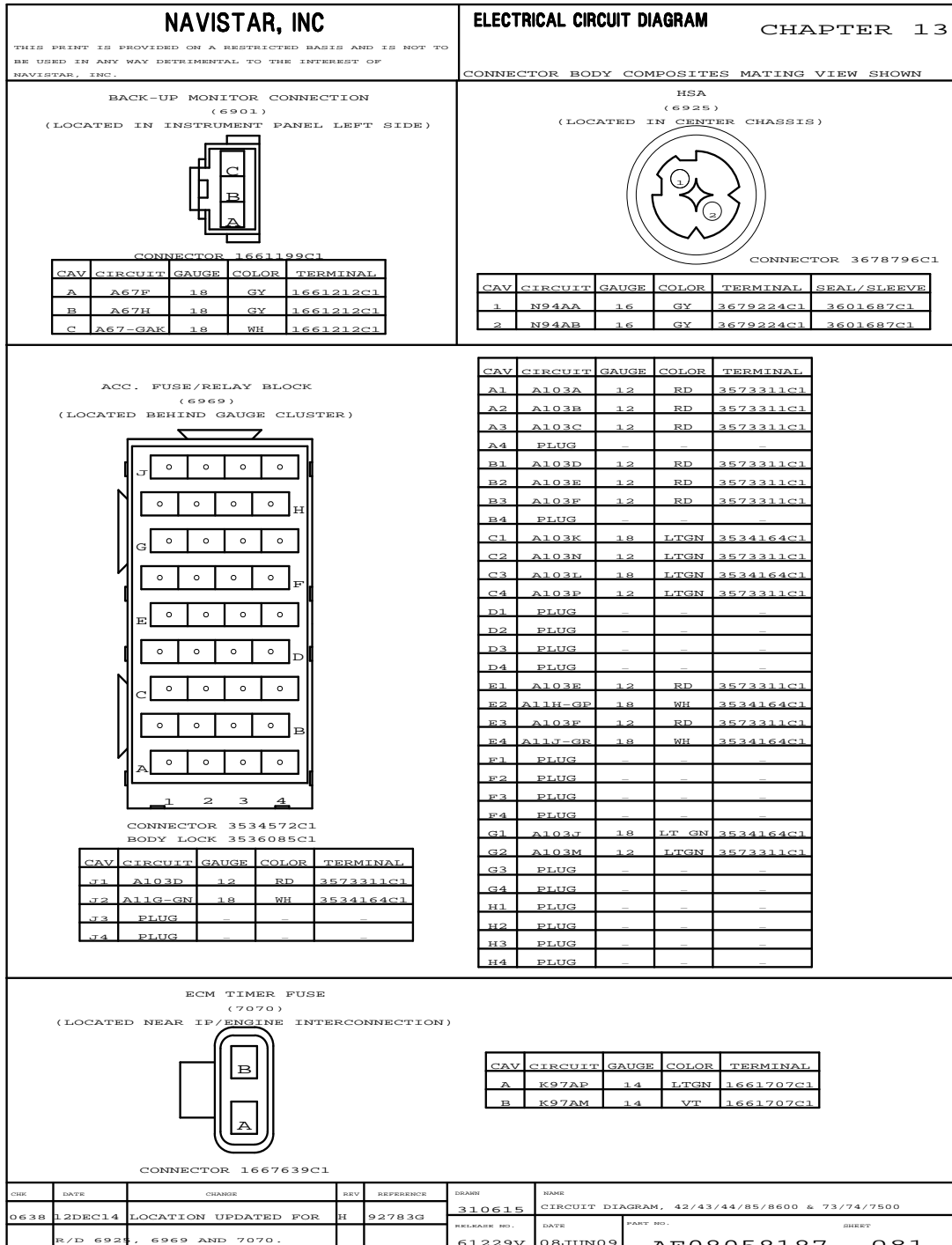


Figure 709 Connector Composites (6901), (6925), (6969), (7070)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.193. CONNECTOR COMPOSITES (7103M), P. 81A



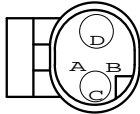
NAVISTAR, INC <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																																	
CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																									
<p>TWO SPEED AXLE BOOT CONNECTOR (7103M) (LOCATED NEAR TRANSMISSION SHIFT TOWER)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K93</td> <td>18</td> <td>TN</td> <td>1661208C1</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>K9TS</td> <td>18</td> <td>GY</td> <td>1661208C1</td> </tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 1661198C1</p>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K93	18	TN	1661208C1	B	PLUG	-	-	-	C	K9TS	18	GY	1661208C1										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																					
A	K93	18	TN	1661208C1																																					
B	PLUG	-	-	-																																					
C	K9TS	18	GY	1661208C1																																					
<p>TWO SPEED AXLE BOOT CONNECTOR (7103M) (LOCATED NEAR TRANSMISSION SHIFT TOWER)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>L93</td> <td>18</td> <td>TN</td> <td>1661208C1</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>L93G</td> <td>18</td> <td>TN</td> <td>1661208C1</td> </tr> </tbody> </table> </div> <p style="text-align: center;">W/ DURASTAR</p> <p style="text-align: center;">CONNECTOR 1661198C1</p>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	L93	18	TN	1661208C1	B	PLUG	-	-	-	C	L93G	18	TN	1661208C1										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																					
A	L93	18	TN	1661208C1																																					
B	PLUG	-	-	-																																					
C	L93G	18	TN	1661208C1																																					
<p>2-AXLE SPEED SWITCH CONNECTOR (7103M) (LOCATED NEAR TRANSMISSION SHIFT TOWER)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>1661875C1</td> <td>N/A</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>1661875C1</td> <td>N/A</td> </tr> <tr> <td>C*</td> <td>K93A</td> <td>20</td> <td>LT BL</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>D*</td> <td>K9EA</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 1661777C1</p> <p style="text-align: right;">*W/16 ENGINE</p>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	PLUG	-	-	1661875C1	N/A	B	PLUG	-	-	1661875C1	N/A	C*	K93A	20	LT BL	1661875C1	3568570C1	D*	K9EA	18	TN	1661875C1	3568570C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																				
A	PLUG	-	-	1661875C1	N/A																																				
B	PLUG	-	-	1661875C1	N/A																																				
C*	K93A	20	LT BL	1661875C1	3568570C1																																				
D*	K9EA	18	TN	1661875C1	3568570C1																																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRWN</th> <th>NAME</th> </tr> <tr> <td>-</td> <td>-</td> <td>ADDED R/D 7103M.</td> <td>B</td> <td>92372W</td> <td>MJV0195</td> <td>CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>RELEASE NO.</td> <td>DATE</td> <td>PART NO.</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>92218B</td> <td>30JUL13</td> <td>AE08058187</td> </tr> </table>												CHK	DATE	CHANGE	REV	REFERENCE	DRWN	NAME	-	-	ADDED R/D 7103M.	B	92372W	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500					RELEASE NO.	DATE	PART NO.					92218B	30JUL13	AE08058187		
CHK	DATE	CHANGE	REV	REFERENCE	DRWN	NAME																																			
-	-	ADDED R/D 7103M.	B	92372W	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																			
				RELEASE NO.	DATE	PART NO.																																			
				92218B	30JUL13	AE08058187																																			

Figure 710 Connector Composites (7103M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.194. CONNECTOR COMPOSITES (7104B), (7104F), (7105), P. 82

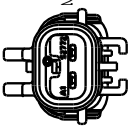
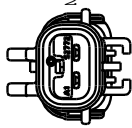
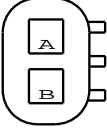
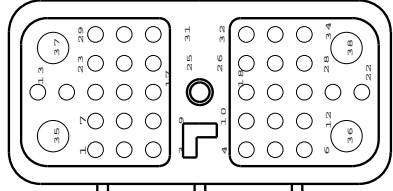
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN					
TRANSMISSION CLEAN GROUND (7104F) (LOCATED BY STARTER)				TRANSMISSION CLEAN GROUND (7104B) (LOCATED BY STARTER)					
									
1 CONNECTOR 3924162C1 (W/ IBB ENGINE)				1 CONNECTOR 3924162C1 (W/2010 SCR 13L ENGINE)					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	PLUG	-	-	3573076C1	A	PLUG	-	-	-
2	K92-G	14	WH	3618273C1	B	K92-G	14	WH	3618273C1
					B*	K92-G	12	WH	3612308C1
* W/ ALLISON TC10 TRANSMISSION									
TRANSMISSION CLEAN POWER (7104F) FOR XMSN ALLISON MD (WTEC) (LOCATED BY STARTER)									
									
CONNECTOR 1671611C1 BODY LOCK 1671608C1									
(W/ IBB ENGINE)									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE				
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									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL					
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					
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-GB	12	WH	3557534C1					
37	PLUG	-	-	3527276C1					
38	K14A	12	RD	3557534C1					
CNC	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME			
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	08JUN09	AE08058187	082	

Figure 711 Connector Composites (7104B), (7104F), (7105)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.195. CONNECTOR COMPOSITES (7105), (7106), (7107), P. 82A

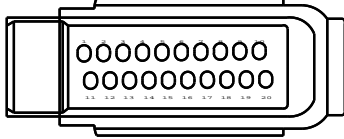
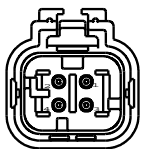
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN			
EATON PROCISION TCM VEHICLE UPPER (7105) 				EATON PROCISION TRANS RANGE SENSOR (7107) 			
CONNECTOR 3765544C1				CONNECTOR 3765543C1			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT
1	K92(+)	18	YL	3766445C1	3554318C1	1	K92A
2	K92(-)	18	GN	3766445C1	3554318C1	2	K92B
3	K92B	18	TN	3766445C1	3554318C1	3	K92C
4	K92A	18	TN	3766445C1	3554318C1	4	K92D
5	K10B	16	WH	3766445C1	3554318C1		
6	K14C	16	RD	3766445C1	3554318C1		
7	PLUG	-	-	-	-		
8	K92C	18	TN	3766445C1	3554318C1		
9	K92C	18	OR	3766445C1	3554318C1		
9	K92D	18	TN	3766445C1	3554318C1		
10	K92D	18	TN	3766445C1	3554318C1		
11	K5B(+)	18	YL	3766445C1	3554318C1		
12	K5D(-)	18	GN	3766445C1	3554318C1		
13	PLUG	-	-	-	-		
14	K92G	18	TN	3766445C1	3554318C1		
15	K10H	16	WH	3766445C1	3554318C1		
16	K14J	16	RD	3766445C1	3554318C1		
17	K92E	18	TN	3766445C1	3554318C1		
18	K92D	18	BK	3766445C1	3554318C1		
19	K92A	18	RD	3766445C1	3554318C1		
20	PLUG	-	-	-	-		
EATON PROCISION BODY CONN BACKSHELL (7106)				EATON PROCISION TRANS RANGE SENSOR (7107)			
CONNECTOR 3765545C1				CONNECTOR 3765543C1			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT
1	K92K	18	TN	3766445C1	3554318C1	1	K92A
2	K92#102	18	TN	3766445C1	3554318C1	2	K92B
3	PLUG	-	-	-	-	3	K92C
4	PLUG	-	-	-	-	4	K92D
5	K92#105	18	TN	3766445C1	3554318C1		
5	K92	18	TN	3766445C1	3554318C1		
6	PLUG	-	-	-	-		
7	PLUG	-	-	-	-		
8	PLUG	-	-	-	-		
9	PLUG	-	-	-	-		
10	PLUG	-	-	-	-		
11	PLUG	-	-	-	-		
12	PLUG	-	-	-	-		
13	PLUG	-	-	-	-		
14	K92#114	18	TN	3766445C1	3554318C1		
15	K92#115	18	TN	3766445C1	3554318C1		
16	K92#116	18	TN	3766445C1	3554318C1		
17	PLUG	-	-	-	-		
18	PLUG	-	-	-	-		
19	PLUG	-	-	-	-		
20	PLUG	-	-	-	-		
CHK	DATE	CHANGE	REV	REFERENCE	DRWN	NAME	
MJV0	88MAR16	EATON PROCISION	B	93408J	23136977	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
WAS EPS					RELEASE NO.	DATE	PART NO.
					92974E	13MAR15	AE08058187
						82A	

Figure 712 Connector Composites (7105), (7106), (7107)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.196. CONNECTOR COMPOSITES (7110), (7110A), (7110B), (7111), (7112), (7113), P. 83


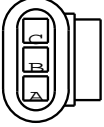
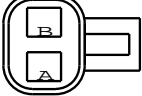



NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																																							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																											
<p>J1939 RESISTOR (7110 / 7110A) (LOCATED ON LEFT SIDE OF TRANSMISSION) (W/ IBB ENGINE)</p>  <p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p>				<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr> <td>A&</td><td>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&</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># W/ AUTOSHIFT, ULTRASHIFT XMSN & W/ ALLISON GEN5 XMSN * W/ MANUAL XMSN #* W/ IBB ENGINE *# W/ ISL-G</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
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
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B	PLUG	-	-	2025431C1	-																																										
C&	K5C108	18	GN	1661875C1	3568570C1																																										
C*#	K5TB(-)	18	GN	1661875C1	3568570C1																																										
<p>MERITOR G POWER (7110B) (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: 8px;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr> <td>A</td><td>K5C128</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td></tr> <tr> <td>B</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>C*</td><td>K5C108</td><td>18</td><td>LTGN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr> <td>C*</td><td>K5C108</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr> </tbody> </table> <p>* MUTUALLY EXCLUSIVE</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K5C128	18	YL	1661875C1	3568570C1	B	PLUG	-	-	-	-	C*	K5C108	18	LTGN	1661875C1	3568570C1	C*	K5C108	18	GN	1661875C1	3568570C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
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<p>MERITOR G POWER (7111) (LOCATED ON LEFT SIDE OF TRANSMISSION)</p>  <p>CONNECTOR 1671610C1 BODY LOCK 1671608C1</p>				<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr> <td>A</td><td>K13A</td><td>16</td><td>PK</td><td>2033819C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>K11-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	K13A	16	PK	2033819C1	1652325C1	B	K11-G	16	WH	2033819C1	1652325C1																		
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<p>POWERTRAIN/CTR CHASSIS WIF CONNECTION (7112) (LOCATED IN CHASSIS)</p>  <p>CONNECTOR 3539778C1 BODY LOCK 3539785C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr> <td>1</td><td>N95A</td><td>18</td><td>TN</td><td>1651987C1</td></tr> <tr> <td>2</td><td>N95-GA</td><td>18</td><td>WH</td><td>1651987C1</td></tr> </tbody> </table> <p>W/ WORKSTAR</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	N95A	18	TN	1651987C1	2	N95-GA	18	WH	1651987C1	<p>REMOTE WIF (7112)</p>  <p>CONNECTOR 3854645C91</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr> <td>1</td><td>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>								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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2	K95-G	18	WH	3572625C1																																											
<p>DAVCO WIF SENSOR (7113) (LOCATED IN CHASSIS)</p>  <p>CONNECTOR 3590390C1</p>				<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr> <td>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																		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
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2	N95-GA	18	WH	3561584C1	3536868C1																																										
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Figure 713 Connector Composites (7110), (7110A), (7110B), (7111), (7112), (7113)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.197. CONNECTOR COMPOSITES (7113), (7113A / 7113C / 7113E / 7113G), (7113B / 7113D / 7113F), P. 83A

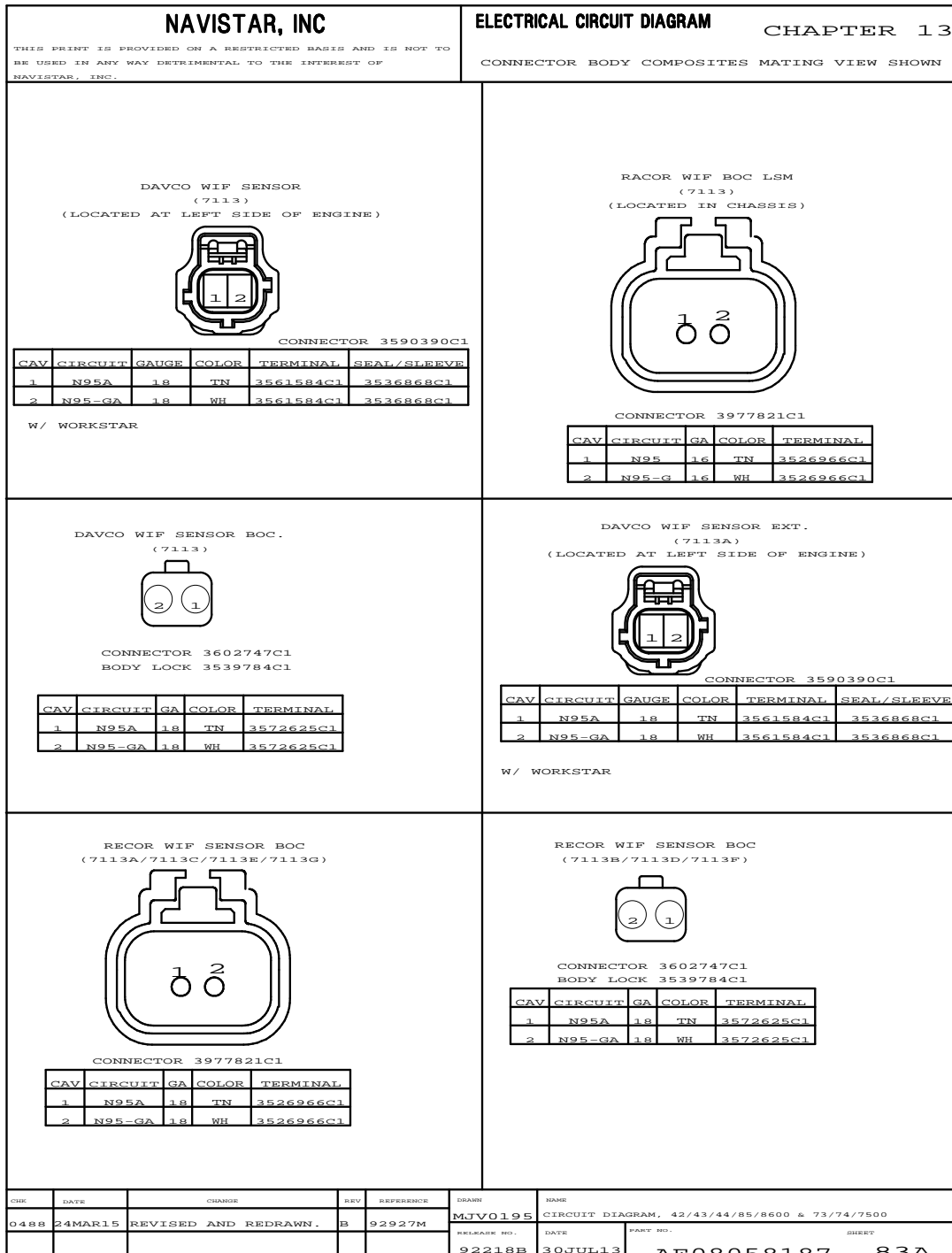


Figure 714 Connector Composites (7113), (7113A / 7113C / 7113E / 7113G), (7113B / 7113D / 7113F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.198. CONNECTOR COMPOSITES (7150), (7150F2), (7152), P. 84

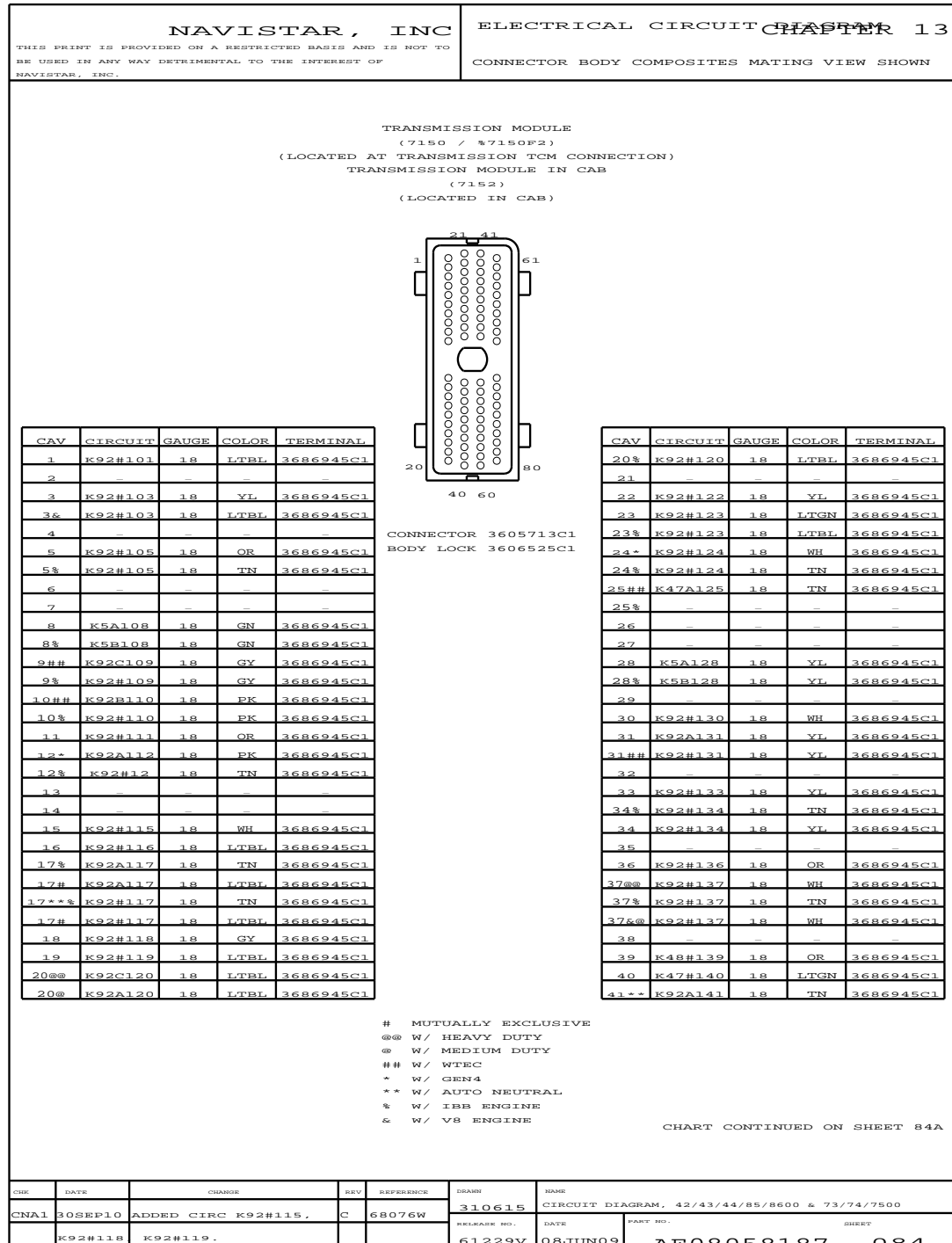


Figure 715 Connector Composites (7150), (7150F2), (7152)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.199. CONNECTOR COMPOSITES (7150), (7150F2), (7152), P. 84A

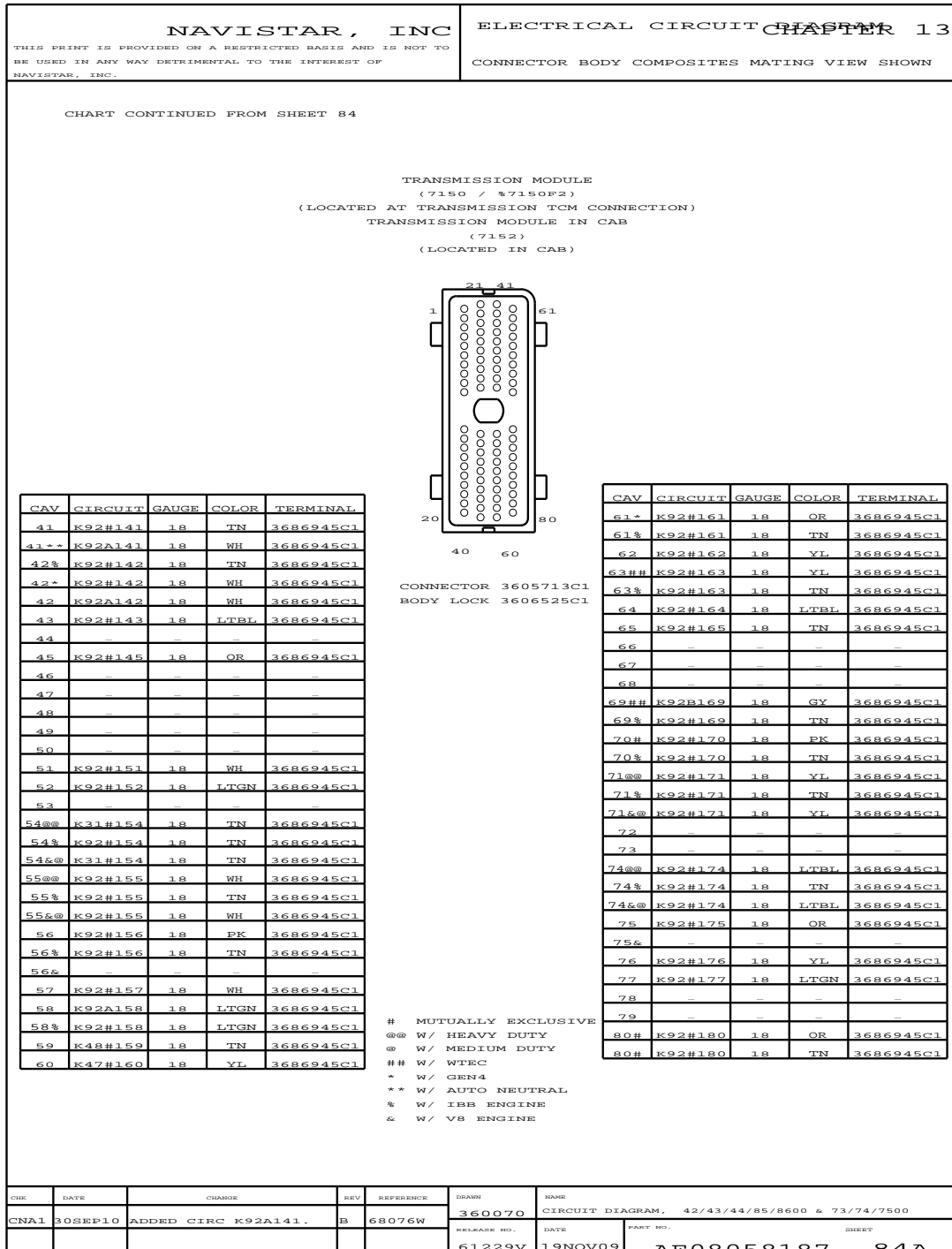


Figure 716 Connector Composites (7150), (7150F2), (7152)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.200. CONNECTOR COMPOSITES (7150), (7150F2), P. 85

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

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CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

W/ 2013 IBB ENGINE

TCU CONNECTOR
(7150/7150F2)
(LOCATED AT TRANSMISSION TCM CONNECTION)

CONNECTOR 3605713C1
BODY LOCK 3606525C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	K92H101	18	LTBL	3686945C1
2	PLUG	-	-	-
3	K92H103	18	YL	3686945C1
4	PLUG	-	-	-
5	K92H105	18	TN	3686945C1
6	K5B106	18	YL	3686945C1
7	PLUG	-	-	-
8#	K5B108	18	GN	3686945C1
8#	K5B108	18	LTGN	3686945C1
9	K92H109	18	GY	3686945C1
10	K92H110	18	PK	3686945C1
11	K92H111	18	OR	3686945C1
12	K92H112	18	TN	3686945C1
13	PLUG	-	-	-
14	PLUG	-	-	-
15	K92H115	18	WH	3686945C1
16	K92H116	18	LTBL	3686945C1
17*	K92H117	18	TN	3686945C1
17*	K92A117	18	TN	3686945C1
18	K92H118	18	TN	3686945C1
19	K92H119	18	LTBL	3686945C1
20*	K92H120	18	DKBL	3686945C1
20*	K92H120	18	LTBL	3686945C1
21	PLUG	-	-	-
22	K92H122	18	YL	3686945C1
23	K92H123	18	LTBL	3686945C1
24	K92H124	18	TN	3686945C1
25	K47A125	18	TN	3686945C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
26	PLUG	-	-	-
27	K5B127	18	GN	3684945C1
28	K5B128	18	YL	3686945C1
29	PLUG	-	-	-
30	K92H130	18	WH	3686945C1
31	K92H131	18	YL	3686945C1
32	PLUG	-	-	-
33	K92H133	18	YL	3686945C1
34	K92H134	18	TN	3686945C1
35	PLUG	-	-	-
36	K92H136	18	OR	3686945C1
37	K92H137	18	TN	3686945C1
38	PLUG	-	-	-
39	K48H139	18	OR	3686945C1
40	K47H140	18	LTGN	3686945C1
41	K92H141	18	TN	3686945C1
42*	K92H142	18	TN	3686945C1
42*	K92H142	18	WH	3686945C1
43	K92H143	18	LTBL	3686945C1
44	PLUG	-	-	-
45	K92H145	18	OR	3686945C1
46	PLUG	-	-	-
47	PLUG	-	-	-
48	PLUG	-	-	-
49	PLUG	-	-	-
50	PLUG	-	-	-
51	K92H151	18	WH	3686945C1
52	K92H152	18	LTGN	3686945C1
53	PLUG	-	-	-
54	K92H154	18	TN	3686945C1
55	K92H155	18	TN	3686945C1
56	K92H156	18	TN	3686945C1
57	K92H157	18	WH	3686945C1
58	K92H158	18	LTGN	3686945C1
59	K48H159	18	TN	3686945C1
60	K47H160	18	YL	3686945C1

* MUTUALLY EXCLUSIVE
W/ALLISON GEN4 3000/3500 TRANSMISSION
@ W/ALLISON GEN4 4000/4500 TRANSMISSION
W/ RELOCATED TERM RESISTOR

CHART CONTINUED ON SHEET 85A

CMR	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0488	09SEP15	ADDED R/D 7150F2,	E	93248U	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
		CIRC K5B127,K5B106,K92H118.			61229V	08JUN09
						AE08058187
						085

Figure 717 Connector Composites (7150), (7150F2)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.201. CONNECTOR COMPOSITES (7150), P. 85A

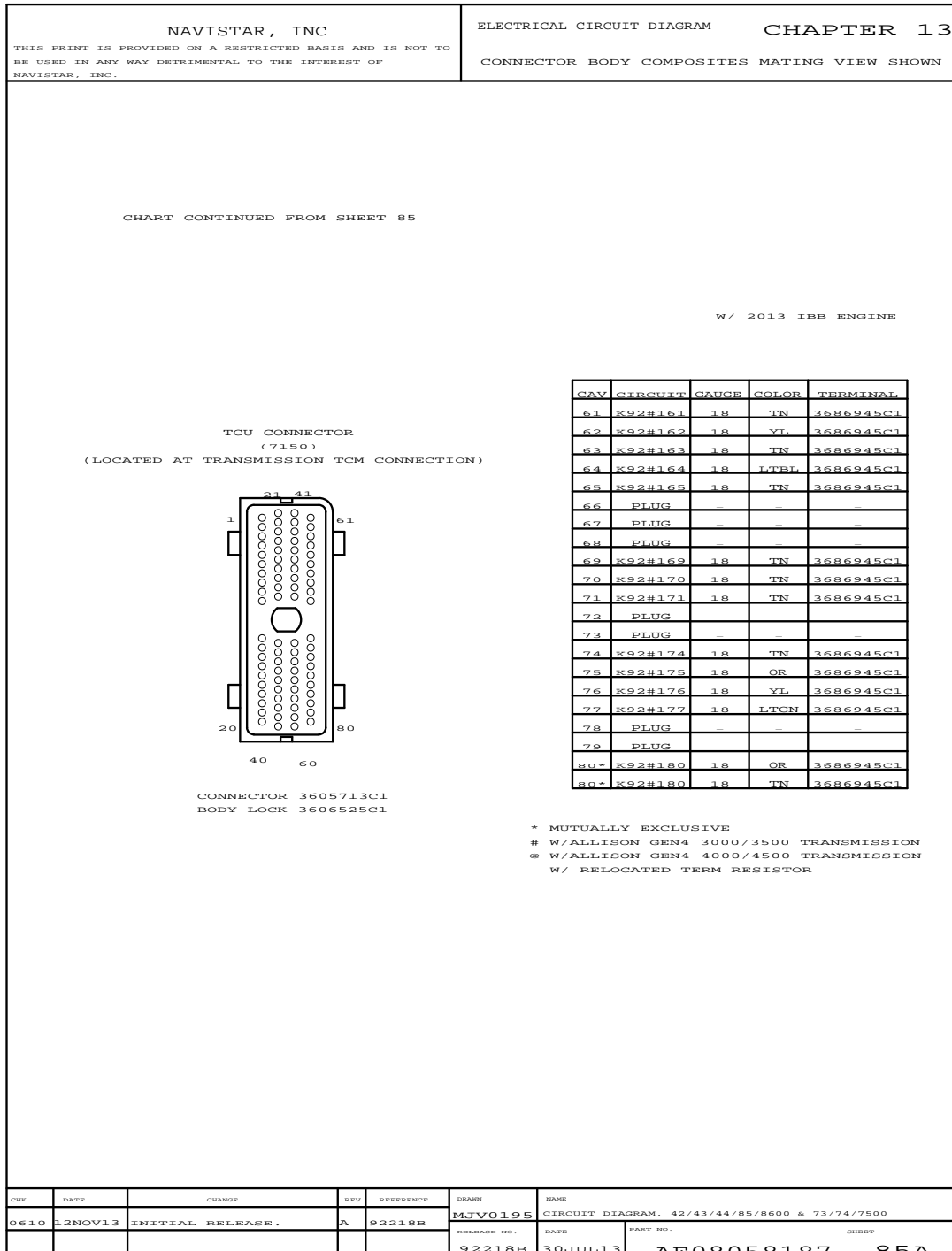


Figure 718 Connector Composites (7150)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.202. CONNECTOR COMPOSITES (7150), P. 85B

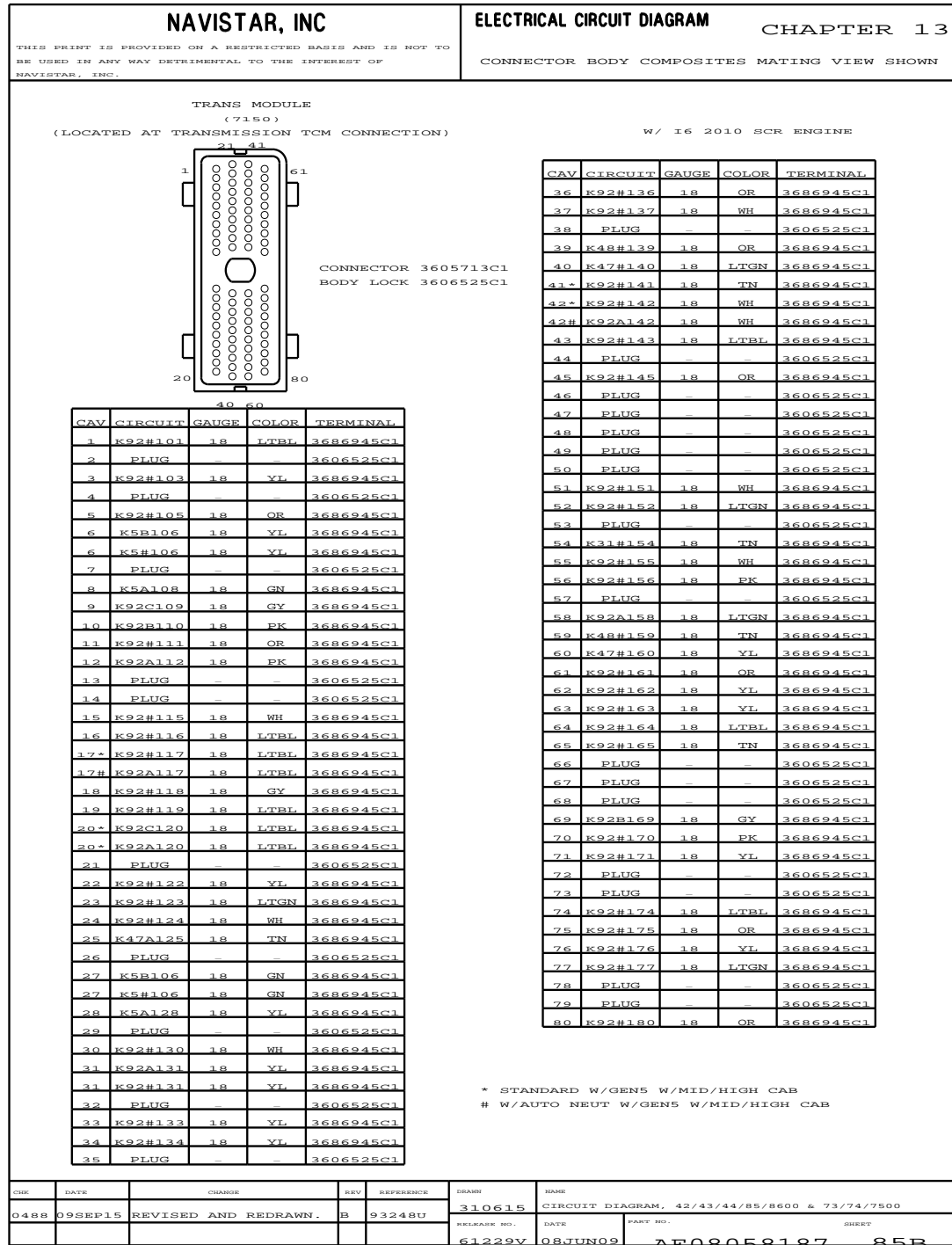


Figure 719 Connector Composites (7150)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.203. CONNECTOR COMPOSITES (7151), P. 86

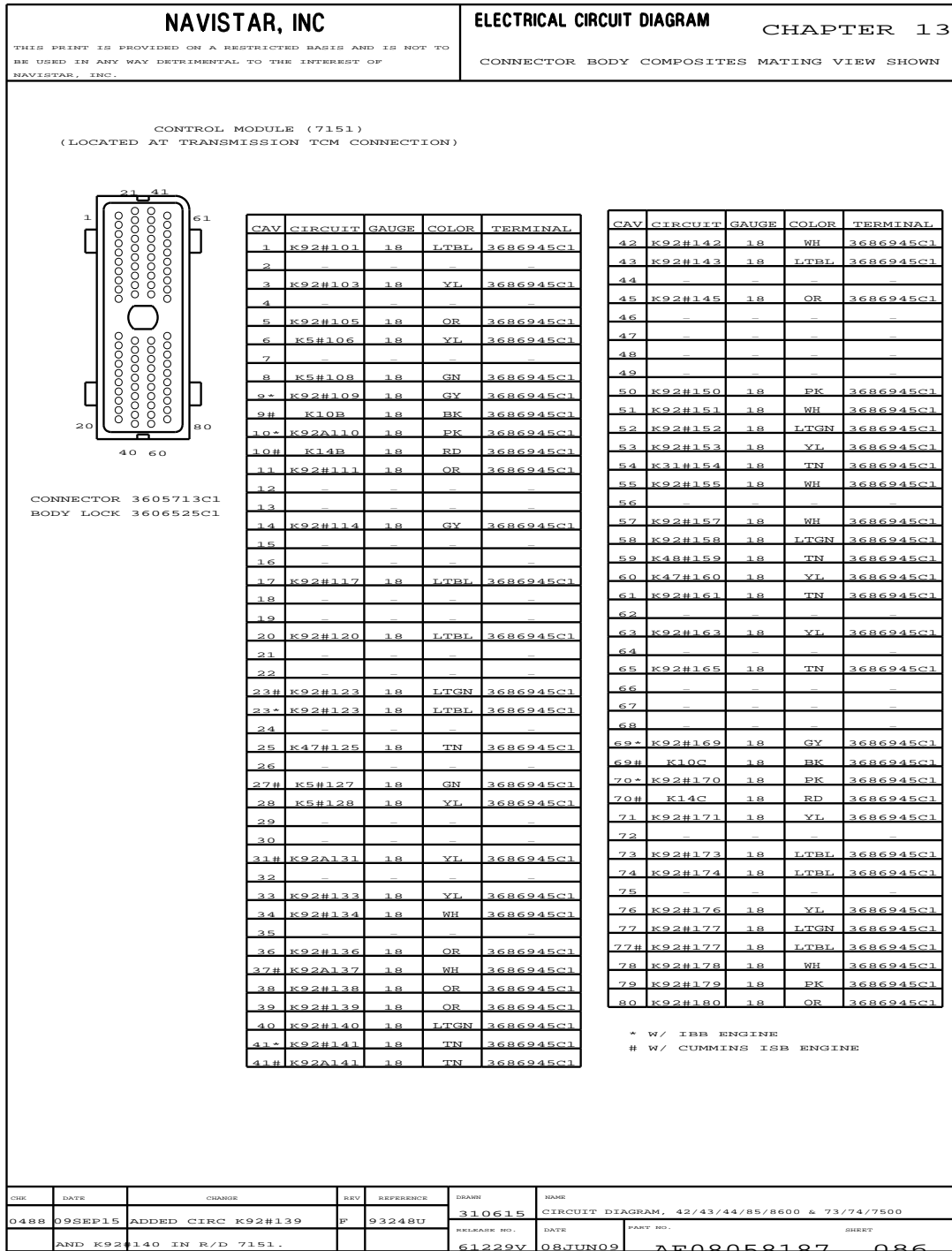


Figure 720 Connector Composites (7151)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.204. CONNECTOR COMPOSITES (7205), (7205F), P. 87

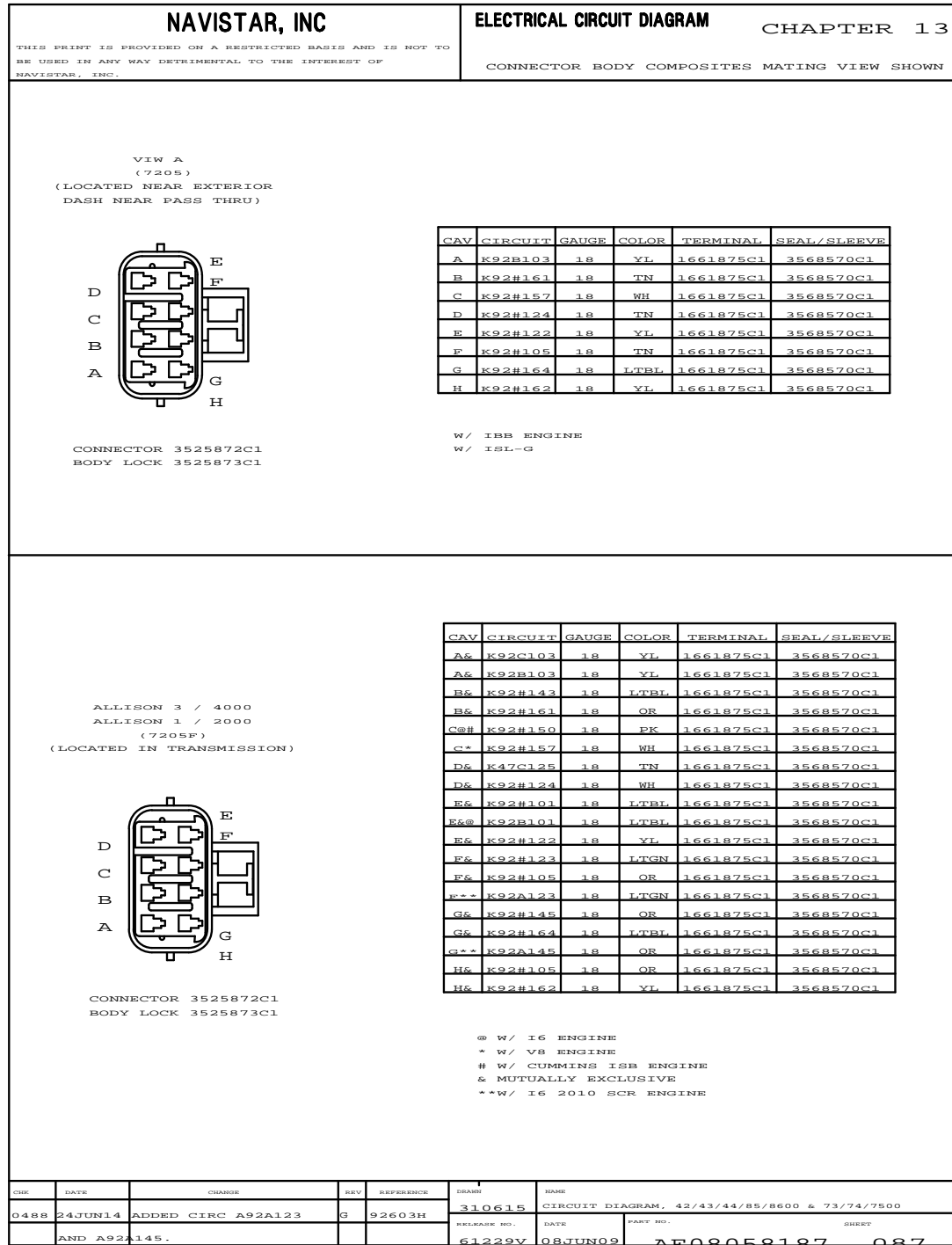


Figure 721 Connector Composites (7205), (7205F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.205. CONNECTOR COMPOSITES (7206), (7206F), (7207F), (7207M), P. 87A

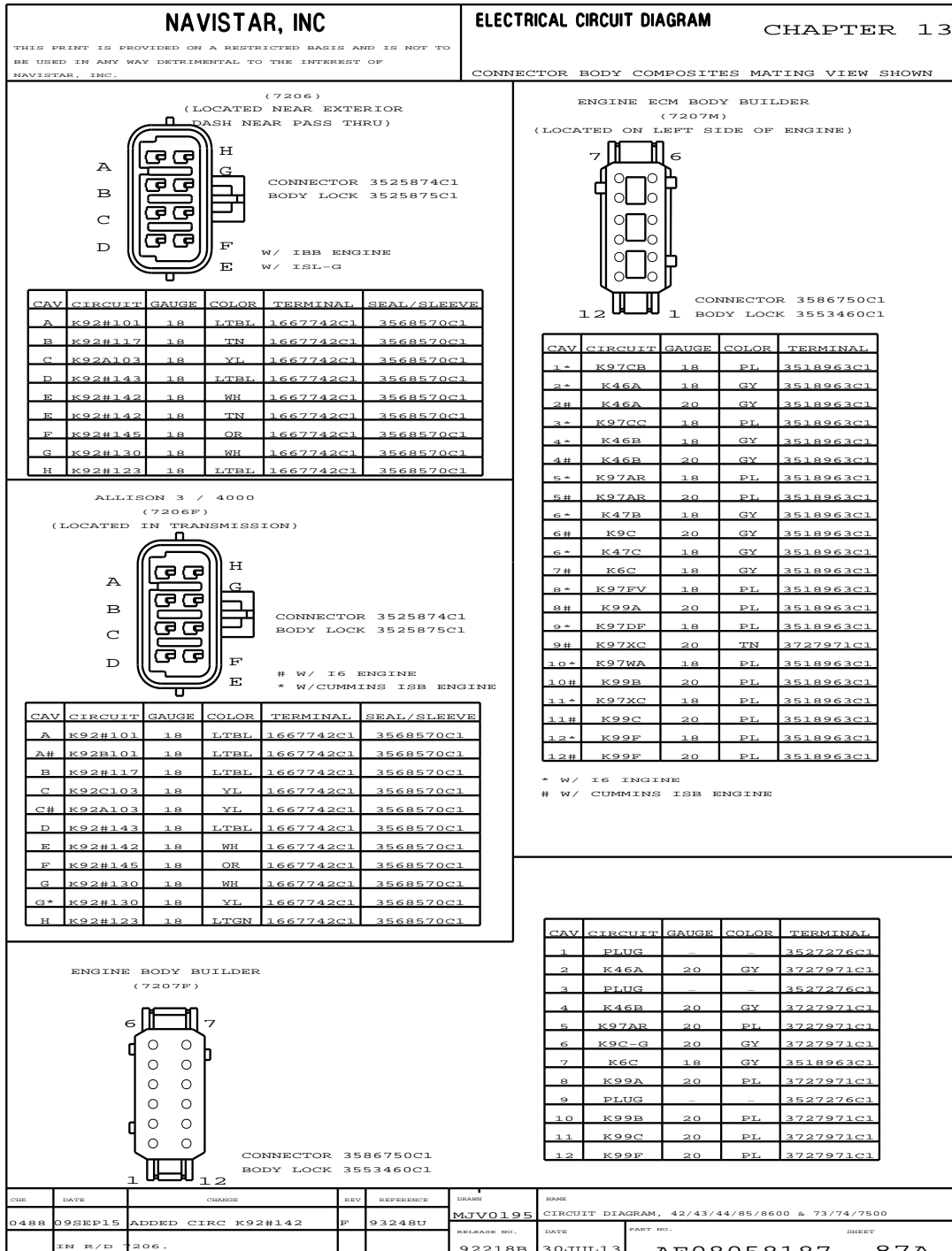


Figure 722 Connector Composites (7206), (7206F), (7207F), (7207M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.206. CONNECTOR COMPOSITES (7208M), (7211), (7212), (7213), (7220), P. 88

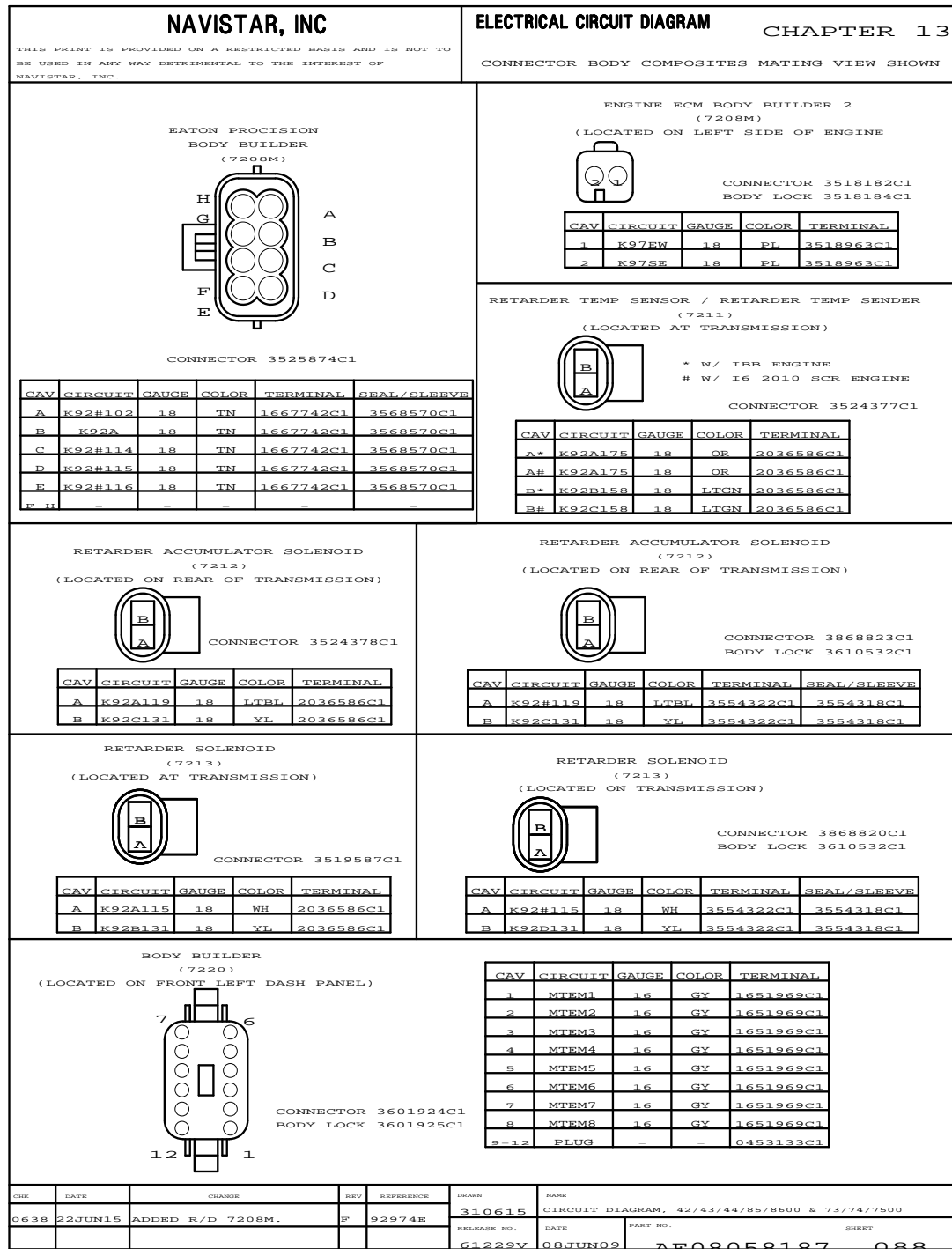


Figure 723 Connector Composites (7208M), (7211), (7212), (7213), (7220)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.207. CONNECTOR COMPOSITES (7250), (7250M), (7251M), P. 89

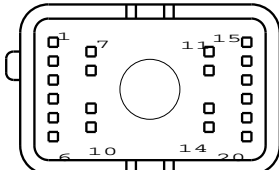
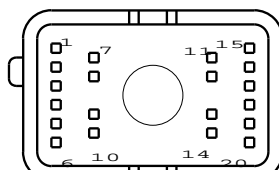
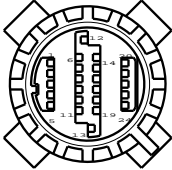
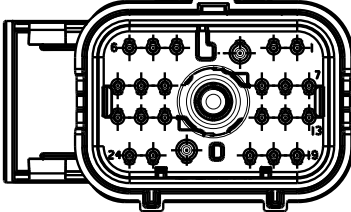
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<p>TCM BULKHEAD CONNECTOR (7250/7250M) (LOCATED AT TRANSMISSION TCM CONNECTION)</p>  <p>CONNECTOR 3605715C1 BODY LOCK 3606532C1</p> <p style="font-size: x-small;">* W/ALLISON GEN5 3000/3500 TRANSMISSION # W/ALLISON GEN5 3000/3500/4000/4500 TRANSMISSION % W/I6 2010 SCR ENGINE @ W/ALLISON 3000 W/CUMMINS ISB ENGINE</p>				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>K92H111</td><td>18</td><td>OR</td><td>3686945C1</td></tr> <tr><td>2</td><td>K92H155</td><td>18</td><td>TN</td><td>3686945C1</td></tr> <tr><td>2%</td><td>K92H155</td><td>18</td><td>WH</td><td>3686945C1</td></tr> <tr><td>3</td><td>K92H177</td><td>18</td><td>LTGN</td><td>3686945C1</td></tr> <tr><td>4</td><td>K92H136</td><td>18</td><td>OR</td><td>3686945C1</td></tr> <tr><td>5</td><td>K92H152</td><td>18</td><td>LTGN</td><td>3686945C1</td></tr> <tr><td>6</td><td>K92H171</td><td>18</td><td>TN</td><td>3686945C1</td></tr> <tr><td>6%</td><td>K92H171</td><td>18</td><td>YL</td><td>3686945C1</td></tr> <tr><td>7</td><td>K92H118</td><td>18</td><td>TN</td><td>3686945C1</td></tr> <tr><td>8</td><td>K92H174</td><td>18</td><td>TN</td><td>3686945C1</td></tr> <tr><td>8%</td><td>K92H174</td><td>18</td><td>LTBL</td><td>3686945C1</td></tr> <tr><td>9</td><td>K92H133</td><td>18</td><td>YL</td><td>3686945C1</td></tr> <tr><td>10</td><td>K92H151</td><td>18</td><td>WH</td><td>3686945C1</td></tr> <tr><td>11*</td><td>K92H131</td><td>18</td><td>YL</td><td>3686945C1</td></tr> <tr><td>11#</td><td>K92A131</td><td>18</td><td>YL</td><td>3686945C1</td></tr> <tr><td>11%</td><td>K92131</td><td>18</td><td>YL</td><td>3686945C1</td></tr> <tr><td>11@</td><td>K92B131</td><td>18</td><td>YL</td><td>3686945C1</td></tr> <tr><td>12</td><td>K92H137</td><td>18</td><td>TN</td><td>3686945C1</td></tr> <tr><td>12%</td><td>K92H137</td><td>18</td><td>WH</td><td>3686945C1</td></tr> <tr><td>13</td><td>K92H180</td><td>18</td><td>TN</td><td>3686945C1</td></tr> <tr><td>13%</td><td>K92H180</td><td>18</td><td>OR</td><td>3686945C1</td></tr> <tr><td>14</td><td>K92H120</td><td>18</td><td>LTBL</td><td>3686945C1</td></tr> <tr><td>14%</td><td>K92A120</td><td>18</td><td>LTBL</td><td>3686945C1</td></tr> <tr><td>15</td><td>K92H116</td><td>18</td><td>LTBL</td><td>3686945C1</td></tr> <tr><td>16*</td><td>K92H112</td><td>18</td><td>TN</td><td>3686945C1</td></tr> <tr><td>16#</td><td>K92A112</td><td>18</td><td>TN</td><td>3686945C1</td></tr> <tr><td>16%</td><td>K92C112</td><td>18</td><td>PK</td><td>3686945C1</td></tr> <tr><td>16%</td><td>K92A112</td><td>18</td><td>PK</td><td>3686945C1</td></tr> <tr><td>17</td><td>K92H118</td><td>18</td><td>TN</td><td>3686945C1</td></tr> <tr><td>17%</td><td>K92H118</td><td>18</td><td>GY</td><td>3686945C1</td></tr> <tr><td>18</td><td>K92H154</td><td>18</td><td>TN</td><td>3686945C1</td></tr> <tr><td>18%</td><td>K31H154</td><td>18</td><td>TN</td><td>3686945C1</td></tr> <tr><td>19*</td><td>K92H158</td><td>18</td><td>LTGN</td><td>3686945C1</td></tr> <tr><td>19#</td><td>K92A158</td><td>18</td><td>LTGN</td><td>3686945C1</td></tr> <tr><td>19%</td><td>K92B158</td><td>18</td><td>LTGN</td><td>3686945C1</td></tr> <tr><td>20</td><td>K92H176</td><td>18</td><td>YL</td><td>3686945C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K92H111	18	OR	3686945C1	2	K92H155	18	TN	3686945C1	2%	K92H155	18	WH	3686945C1	3	K92H177	18	LTGN	3686945C1	4	K92H136	18	OR	3686945C1	5	K92H152	18	LTGN	3686945C1	6	K92H171	18	TN	3686945C1	6%	K92H171	18	YL	3686945C1	7	K92H118	18	TN	3686945C1	8	K92H174	18	TN	3686945C1	8%	K92H174	18	LTBL	3686945C1	9	K92H133	18	YL	3686945C1	10	K92H151	18	WH	3686945C1	11*	K92H131	18	YL	3686945C1	11#	K92A131	18	YL	3686945C1	11%	K92131	18	YL	3686945C1	11@	K92B131	18	YL	3686945C1	12	K92H137	18	TN	3686945C1	12%	K92H137	18	WH	3686945C1	13	K92H180	18	TN	3686945C1	13%	K92H180	18	OR	3686945C1	14	K92H120	18	LTBL	3686945C1	14%	K92A120	18	LTBL	3686945C1	15	K92H116	18	LTBL	3686945C1	16*	K92H112	18	TN	3686945C1	16#	K92A112	18	TN	3686945C1	16%	K92C112	18	PK	3686945C1	16%	K92A112	18	PK	3686945C1	17	K92H118	18	TN	3686945C1	17%	K92H118	18	GY	3686945C1	18	K92H154	18	TN	3686945C1	18%	K31H154	18	TN	3686945C1	19*	K92H158	18	LTGN	3686945C1	19#	K92A158	18	LTGN	3686945C1	19%	K92B158	18	LTGN	3686945C1	20	K92H176	18	YL	3686945C1
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IN R/D 7250/7250M.					RELEASE NO.	DATE	PART NO.																																																																																																																																																																																									
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Figure 724 Connector Composites (7250), (7250M), (7251M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.208. CONNECTOR COMPOSITES (7350), P. 89A

NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13		
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN				
TRANSMISSION BULKHEAD (7350) (LOCATED AT TRANSMISSION BULKHEAD CONNECTION)					TC10 TCU (7350)				
									
CONNECTOR 3605714C1 BODY LOCK 3606526C1					CONNECTOR 3755755C1				
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	K92#152	18	LTGN	3686945C1	1-2	PLUG	-	-	3755756C1
2	K92#133	18	YL	3686945C1	3	K92-G	12	WH	3755757C1
3*	K92#151	18	WH	3686945C1	4	K92#165	18	TN	3733188C1
3*	K92#151	18	TN	3686945C1	5	PLUG	-	-	3755756C1
4	K92#117	18	LTBL	3686945C1	6	K5B106	18	YL	3733188C1
5	-	-	-	-	7-9	PLUG	-	-	3755756C1
6	K92#157	18	WH	3686945C1	10	K47A125	18	TN	3733188C1
7	K92#179	18	PK	3686945C1	11	PLUG	-	-	3755756C1
8@	K31#154	18	TN	3686945C1	12	K5B108	18	GN	3733188C1
8H	K92#154	18	TN	3686945C1	13-15	PLUG	-	-	3755756C1
9	K92#158	18	LTGN	3686945C1	16	K92#163	18	TN	3733188C1
10	K92#178	18	WH	3686945C1	17	K5B117	18	GN	3733188C1
11*	K92#177	18	LTGN	3686945C1	18	K5B128	18	YL	3733188C1
11*H	K92#177	18	LTBL	3686945C1	19	K92#134	18	TN	3733188C1
12	K92A137	18	WH	3686945C1	20	K92#141	18	TN	3733188C1
13	K92A131	18	YL	3686945C1	21	PLUG	-	-	3755756C1
14	K92#111	18	OR	3686945C1	22	K92#110	12	RD	3755757C1
15	K92#155	18	WH	3686945C1					
16	K92#171	18	YL	3686945C1					
17	K92#136	18	OR	3686945C1					
18	K92#138	18	OR	3686945C1					
19	K92#174	18	LTBL	3686945C1					
20	K92#114	18	GY	3686945C1					
21	K92#153	18	YL	3686945C1					
22	K92#173	18	LTBL	3686945C1					
23	K92#134	18	WH	3686945C1					
24	K92#176	18	YL	3686945C1					

* MUTUALLY EXCLUSIVE
 # W/ CUMMINS ISB ENGINE
 @ W/ I6 ENGINE

CNC	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
0488	09SEP15	REVISED AND REDRAWN.	D	93248U	MJV0088		
					RELEASE NO.	DATE	PART NO.
					92218B	30JUL13	AE08058187
							89A

Figure 725 Connector Composites (7350)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.209. CONNECTOR COMPOSITES (7500), P. 89B

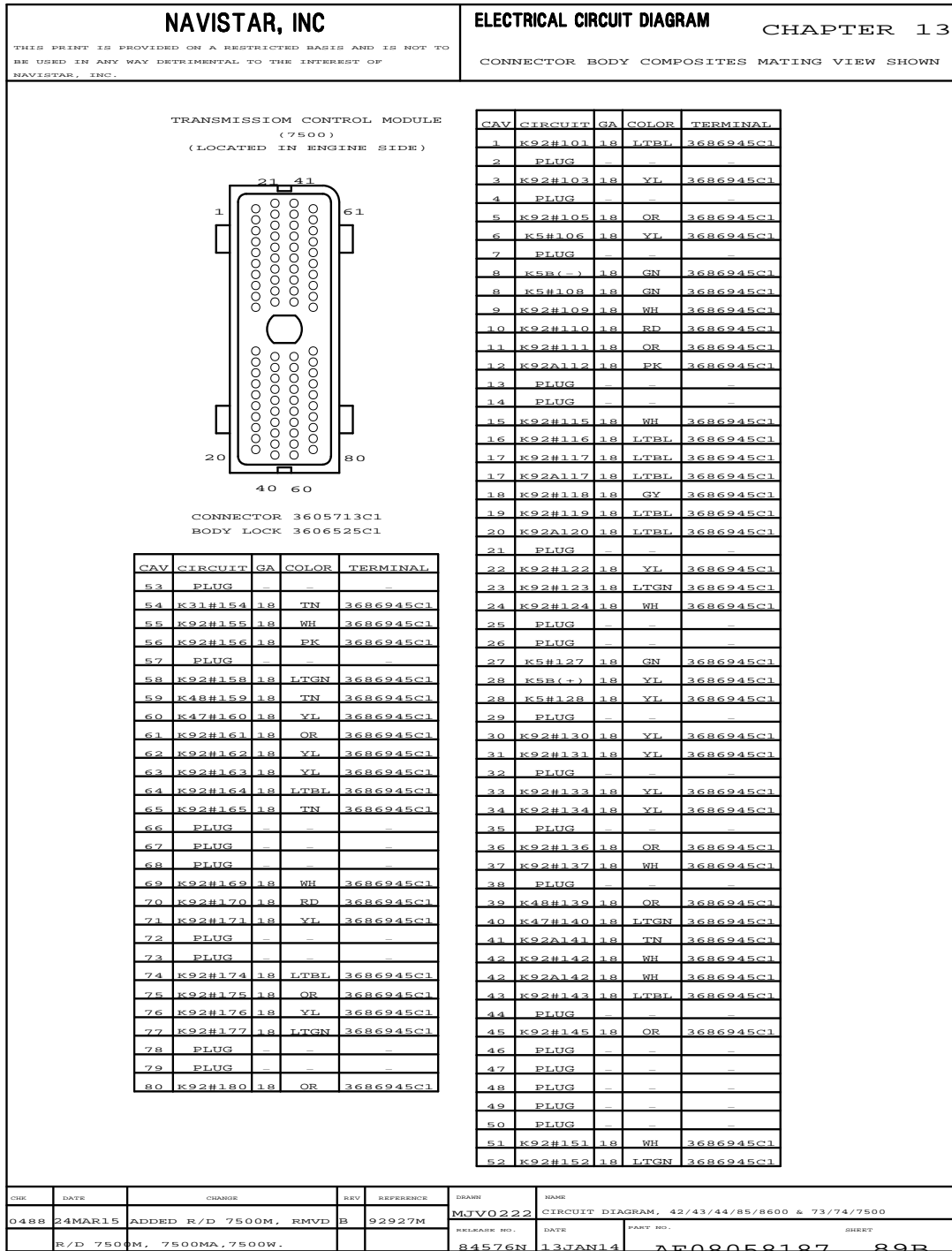


Figure 726 Connector Composites (7500)

13.210. CONNECTOR COMPOSITES (7500M), (7500MA), (7500W), P. 89C

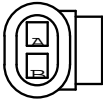
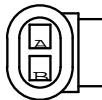
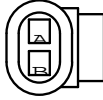

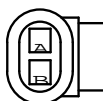
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																	
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0488	24MAR15	INITIAL RELEASE.	A	92927M	MJVO370	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																		
RELEASE NO.					DATE	PART NO.	SHEET																																																	
92927M					11FEB15	AE08058187	89C																																																	

Figure 727 Connector Composites (7500M), (7500MA), (7500W)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.211. CONNECTOR COMPOSITES (7501), (7502), (7502M), (7600), (7600A), P. 90

NAVISTAR, INC

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CHAPTER 13

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

C

B

A

CONNECTOR 1667733C1
BODY LOCK 1667734C1

ECA
(7501)
(LOCATED IN ENGINE)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	PLUG	-	-	1675451C1	-
B	K11-G	10	WH	1667737C1	1667735C1
C	K14N	10	RD	1667737C1	1667735C1

A

B

CONNECTOR 0587567C91

XMSN PTO
(7502)
(LOCATED ON TRANSMISSION)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K92DP	18	TN	0587578C1	1652325C1
B	K92DR	18	TN	0587578C1	1652325C1

A

B

CONNECTOR 1661778C1
BODY LOCK 1661874C1

BACK-UP LIGHT
(7502M)
(LOCATED ON TOP REAR OF TRANSMISSION)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K71	18	OR	1661875C1	1661872C1
B	K71A	16	OR	1661875C1	1661872C1

B

A

CONNECTOR 3662425C1
BODY LOCK 3662518C1

VEHICLE SPEED SENSOR
(7600)
(LOCATED ON TOP REAR OF TRANSMISSION)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K47	18	GY	3554322C1	3554318C1
A*	K47C	20	GY	3756267C1	3756268C1
B	K47A	18	GY	3554322C1	3554318C1
B*	K47B	20	GY	3756267C1	3756268C1

* W/MANUAL XMSN SPEEDO CIRCUIT

1

2

3

4

CONNECTOR 3714731C1

TACHOGRAPH SPEED SENSOR
(7600)
(LOCATED ON TOP REAR OF TRANSMISSION)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	K47TA	14	GY	3679224C1	3601687C1
2	K47TB	14	GY	3679224C1	3601687C1
3	K47TC	14	GY	3679224C1	3601687C1
4	K47TD	14	GY	3679224C1	3601687C1

D

C

B

A

CONNECTOR 3535482C1
BODY LOCK 3535483C1

TACHOGRAPH SENSOR
(7600A)
(LOCATED ON FRONT CENTER DASH PANEL)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K47TA	18	GY	2033816C1	0589391C1
B	K47TB	14	GY	2033816C1	0589391C1
C	K47TC	14	GY	2033816C1	0589391C1
D	K14TD	14	GY	2033816C1	0589391C1

CHK

DATE

CHANGE

REV

REFERENCE

DRWN

NAME

0488

24MAR15

ADDED CIRC K47C AND

E

92927M

310615

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

K47B IN R/D 7600.

61229V

08JUN09

AE08058187

SHEET

090

Figure 728 Connector Composites (7501), (7502), (7502M), (7600), (7600A)

13.212. CONNECTOR COMPOSITES (7600A), (7600M), (7601), P. 90A

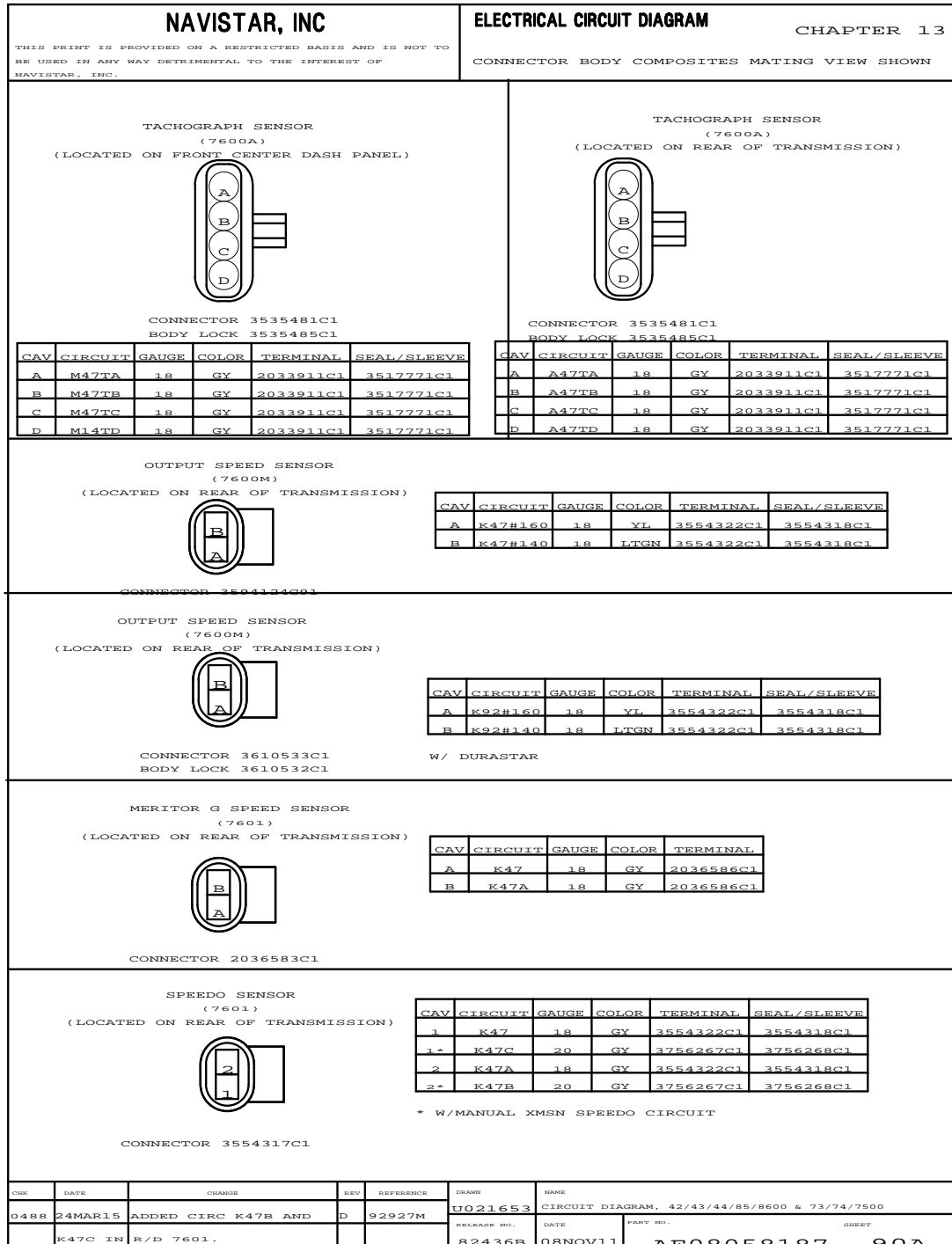


Figure 729 Connector Composites (7600A), (7600M), (7601)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.213. CONNECTOR COMPOSITES (7601), (7601M), (7603), P. 90B

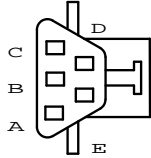


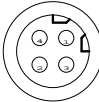
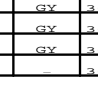

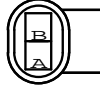
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Figure 730 Connector Composites (7601), (7601M), (7603)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.214. CONNECTOR COMPOSITES (7603M), (7603MA), (7604M), (7605), (7605M), (7606M), (7607M), (7608M), P. 91


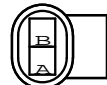
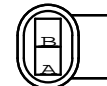
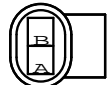

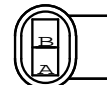

NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																													
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<p style="text-align: center;">OUTPUT SPEED SENSOR (7605/7605M) (LOCATED ON REAR OF TRANSMISSION)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR 3610533C1 BODY LOCK 3610532C1</p> <table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K47#160</td> <td>18</td> <td>YL</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>B</td> <td>K47#140</td> <td>18</td> <td>LTGN</td> <td>3554322C1</td> <td>3554318C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K47#160	18	YL	3554322C1	3554318C1	B	K47#140	18	LTGN	3554322C1	3554318C1	<p style="text-align: center;">EATON ENGINE SPEED SENSOR (7606M) (LOCATED ON RIGHT OF TRANSMISSION)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR 3602756C1 BODY LOCK 1684262C1</p> <table border="1" style="width: 100%; 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>K47(+)</td> <td>16</td> <td>WH</td> <td>1680206C1</td> </tr> <tr> <td>2</td> <td>K47(-)</td> <td>16</td> <td>BK</td> <td>1680206C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K47(+)	16	WH	1680206C1	2	K47(-)	16	BK	1680206C1																											
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					61229V	08JUN09	AE08058187	091																																																												

Figure 731 Connector Composites (7603M), (7603MA), (7604M), (7605), (7605M), (7606M), (7607M), (7608M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.215. CONNECTOR COMPOSITES (7609B), (7609M), P. 91A

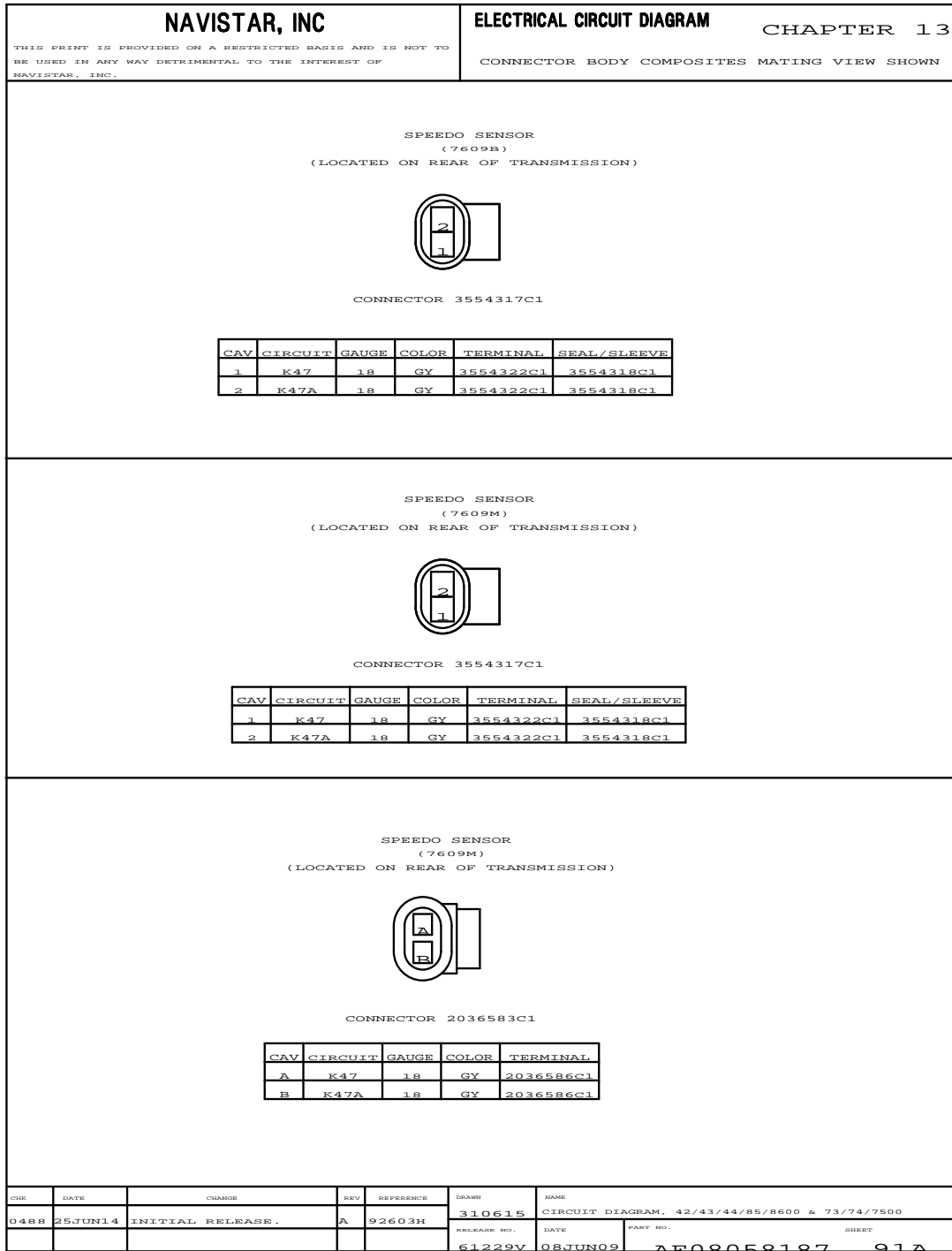


Figure 732 Connector Composites (7609B), (7609M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.216. CONNECTOR COMPOSITES (7611), (7615), (7615M), (7621), (7700K), P. 92

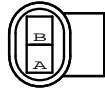
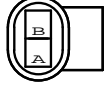
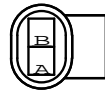
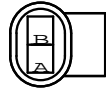
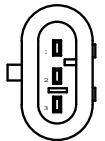
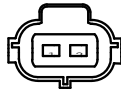
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<p style="text-align: center;">ALLISON TURBINE SPEED SENSOR (7615) (LOCATED ON RIGHT OF TRANSMISSION)</p>  <p style="text-align: center;">CONNECTOR 3610533C1 BODY LOCK 3610532C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K92#180</td> <td>18</td> <td>OR</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>B*</td> <td>K92#120</td> <td>18</td> <td>LTBL</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>B*</td> <td>K92#120</td> <td>18</td> <td>DKBL</td> <td>3554322C1</td> <td>3554318C1</td> </tr> </tbody> </table> <p style="text-align: center;">W/ ALLISION GEN5 4000/4500 TRANSMISSION & W/ IBB ENGINE</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K92#180	18	OR	3554322C1	3554318C1	B*	K92#120	18	LTBL	3554322C1	3554318C1	B*	K92#120	18	DKBL	3554322C1	3554318C1	<p style="text-align: center;">TURBINE SPEED SENSOR (7615M) (LOCATED ON RIGHT OF TRANSMISSION)</p>  <p style="text-align: center;">CONNECTOR 3610533C1 BODY LOCK 3610532C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K92#180</td> <td>18</td> <td>OR</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>B</td> <td>K92C120</td> <td>18</td> <td>LTBL</td> <td>3554322C1</td> <td>3554318C1</td> </tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K92#180	18	OR	3554322C1	3554318C1	B	K92C120	18	LTBL	3554322C1	3554318C1
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<p style="text-align: center;">XMSN OIL TEMP SENSOR (7700K) (LOCATED ON UNDERSIDE OF TRANSMISSION)</p>  <p style="text-align: center;">CONNECTOR 3536864C1</p>						<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K31</td> <td>18</td> <td>TN</td> <td>3561584C1</td> <td>3536868C1</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>K9AAD</td> <td>18</td> <td>GY</td> <td>3561584C1</td> <td>3536868C1</td> </tr> </tbody> </table> <p style="text-align: center;">* N/ AC # W/ AC</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K31	18	TN	3561584C1	3536868C1	2*	K9AA	16	GY	3561584C1	3536868C1	2#	K9AAD	18	GY	3561584C1	3536868C1																		
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Figure 733 Connector Composites (7611), (7615), (7615M), (7621), (7700K)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.217. CONNECTOR COMPOSITES (7700L), (7700M), (7702), (7703), (7750), (7751), P. 92A

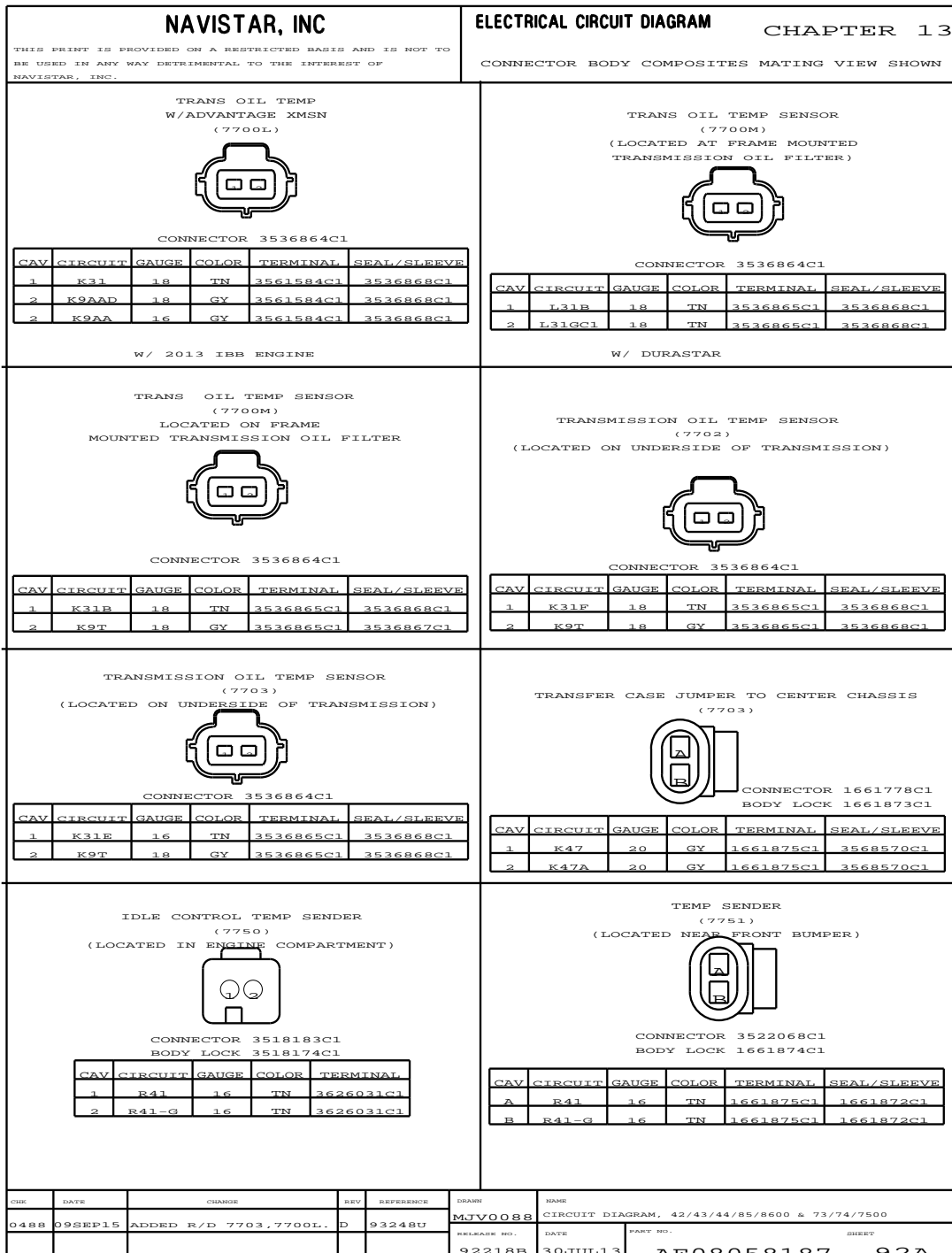


Figure 734 Connector Composites (7700L), (7700M), (7702), (7703), (7750), (7751)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.218. CONNECTOR COMPOSITES (7777), (7800F), (7801), (7801A), (7801B), P. 92B

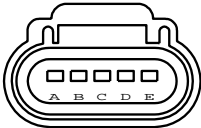
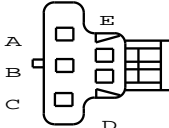
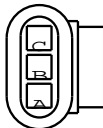
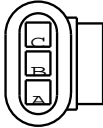
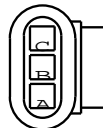
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																									
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MAF/AAT (7777) (LOCATED ON FRONT CENTER DASH PANEL)  CONNECTOR 3827829C1 BODY LOCK 3827830C1					ENGINE TRANS (7800F)  CONNECTOR 3522252C1 BODY LOCK 3522253C1																																																																											
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W/ DURASTAR * W/ALLISON 3000 XMSN @ W/EATON ULTRASHIFT XMSN # W/EATON PROCISION XMSN					W/ DURASTAR * W/ALLISON 3000 XMSN @ W/EATON ULTRASHIFT XMSN # W/EATON PROCISION XMSN																																																																											
CIR	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																										
MJVD	08MAR16	EATON PROCISION	E	93408J	MJV0367	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																										
RELEASE NO.		DATE		PART NO.		SHEET																																																																										
22372W		16DEC13		AE08058187		92B																																																																										

Figure 735 Connector Composites (7777), (7800F), (7801), (7801A), (7801B)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.219. CONNECTOR COMPOSITES (7801F), (7801M), (7801M2), (7801R), P. 93

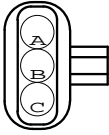
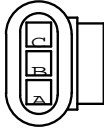




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TERMINATING RESISTOR (7801F) (LOCATED NEAR THE ENGINE ECM CONNECTION) 				J1939 TRANS (7801M) (LOCATED NEAR THE ENGINE ECM CONNECTION) 			
CONNECTOR 1667740C1 BODY LOCK 1667771C1				CONNECTOR 1667741C1 BODY LOCK 1667771C1			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT
A	K5E(+)	18	YL	1667742C1	3568570C1	A	L5C(+)
B	PLUG	-	-	2025431C1	-	B	PLUG
C	K5E(-)	18	GN	1667742C1	3568570C1	C	L5C(-)
				W/ DURASTAR			
J1939 RESISTOR (7801M) (LOCATED NEAR THE ENGINE ECM CONNECTION) 				J1939 RESISTOR (7801M) (LOCATED ON RIGHT FRAME RAIL) 			
CONNECTOR 1667741C1 BODY LOCK 1667771C1				CONNECTOR 1667741C1 BODY LOCK 1667771C1			
* W/ ALLISON LCT GEN IV # W/ ALLISON WTEC GEN IV & BACK BONE & W/ V8 ENGINE							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT
A#	K5C(+)	18	YL	1661875C1	3568570C1	A	K5DQ(+)
A*	K5D(+)	18	YL	1661875C1	3568570C1	B	PLUG
A#	K5C(+)	18	YL	1661875C1	3568570C1	C	K5DQ(-)
B	PLUG	-	-	2025431C1	-		
C#	K5C(-)	18	GN	1661875C1	3568570C1		
C*	K5D(-)	18	GN	1661875C1	3568570C1		
C#	K5C(-)	18	GN	1661875C1	3568570C1		
				W/I6 ENGINE			
J1939 RESISTOR (7801M2) (LOCATED NEAR THE ENGINE ECM CONNECTION) 				INVERTER J1939 (7801R) (LOCATED NEAR THE ENGINE ECM CONNECTION) 			
CONNECTOR 1667741C1				CONNECTOR 1667741C1 BODY LOCK 1667771C1			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT
A	K5C(+)	18	YL	1661875C1	3568570C1	A	K5G(+)
B	PLUG	-	-	2025431C1	-	B	PLUG
C	K5C(-)	18	GN	1661875C1	3568570C1	C	K5G(-)
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
-	-	ADDED R/D 7801F &	D	92372W	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
				RELEASE NO.	DATE	PART NO.	SHEET
7801M. IMVD R/D 7777.				61222V	08JUN09	AE08058187	093

Figure 736 Connector Composites (7801F), (7801M), (7801M2), (7801R)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.220. CONNECTOR COMPOSITES (7802), (7803), (7803A), (7900), (7901), P. 94

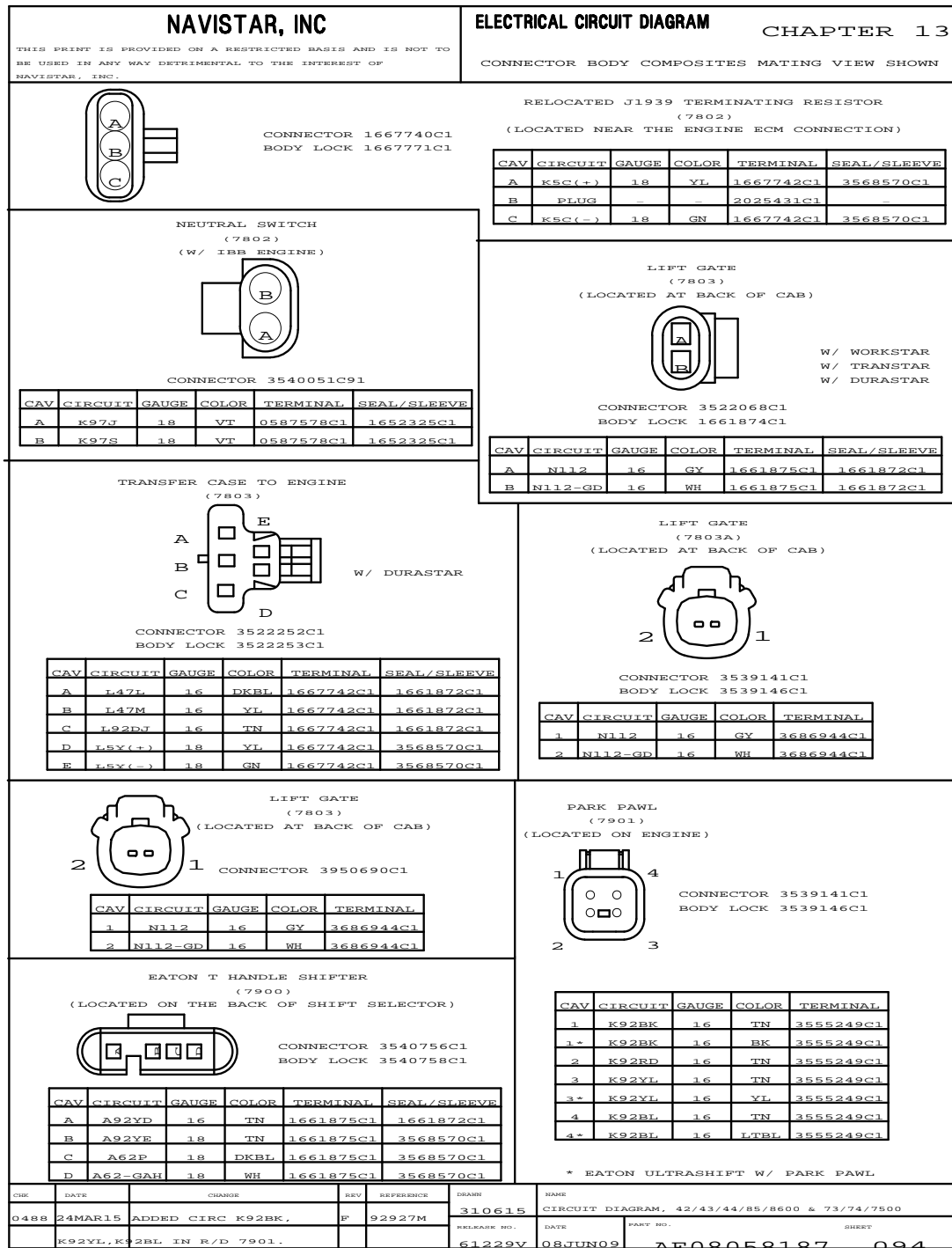


Figure 737 Connector Composites (7802), (7803), (7803A), (7900), (7901)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.221. CONNECTOR COMPOSITES (7905), (7905A), P. 95

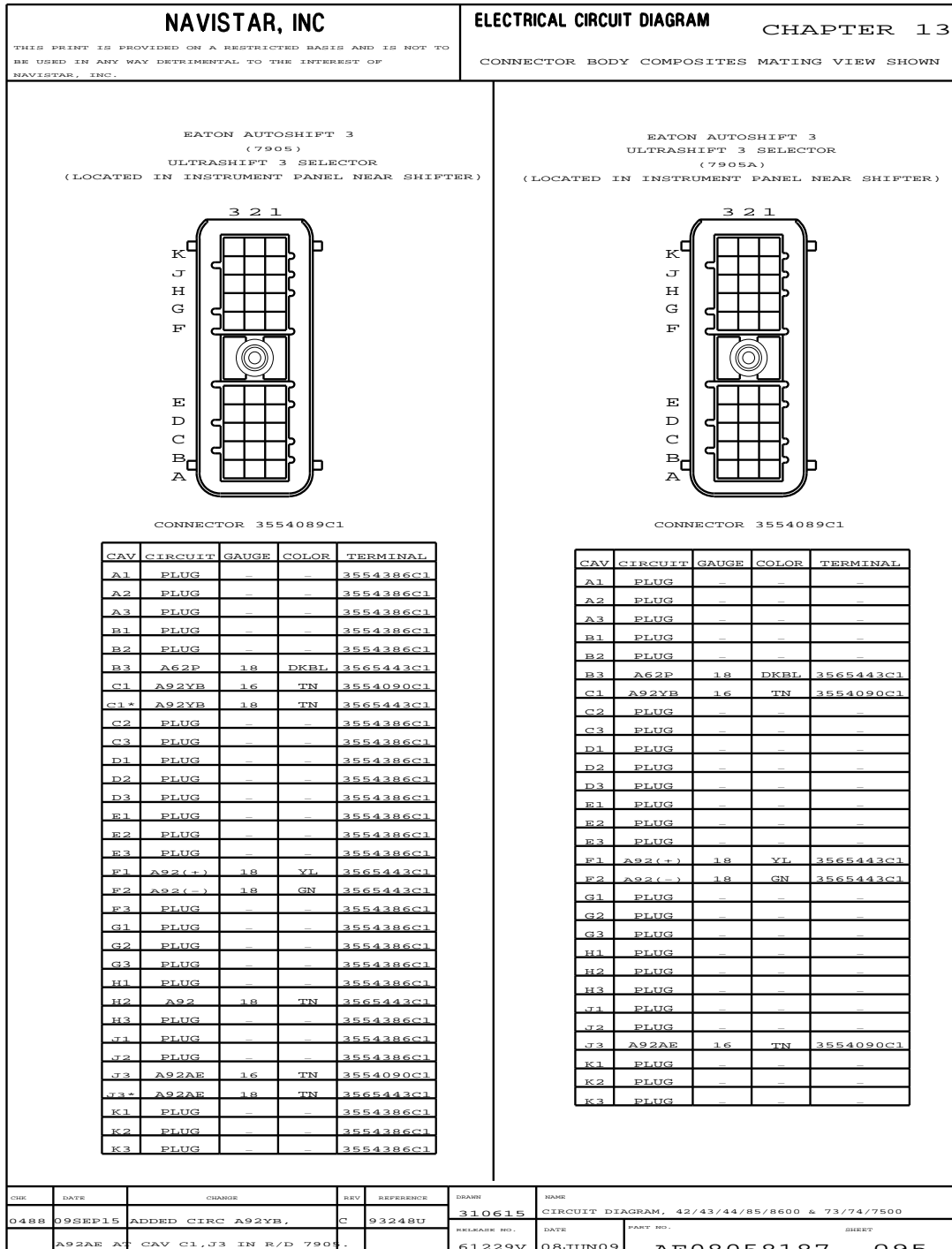


Figure 738 Connector Composites (7905), (7905A)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.222. CONNECTOR COMPOSITES (7909), P. 95A

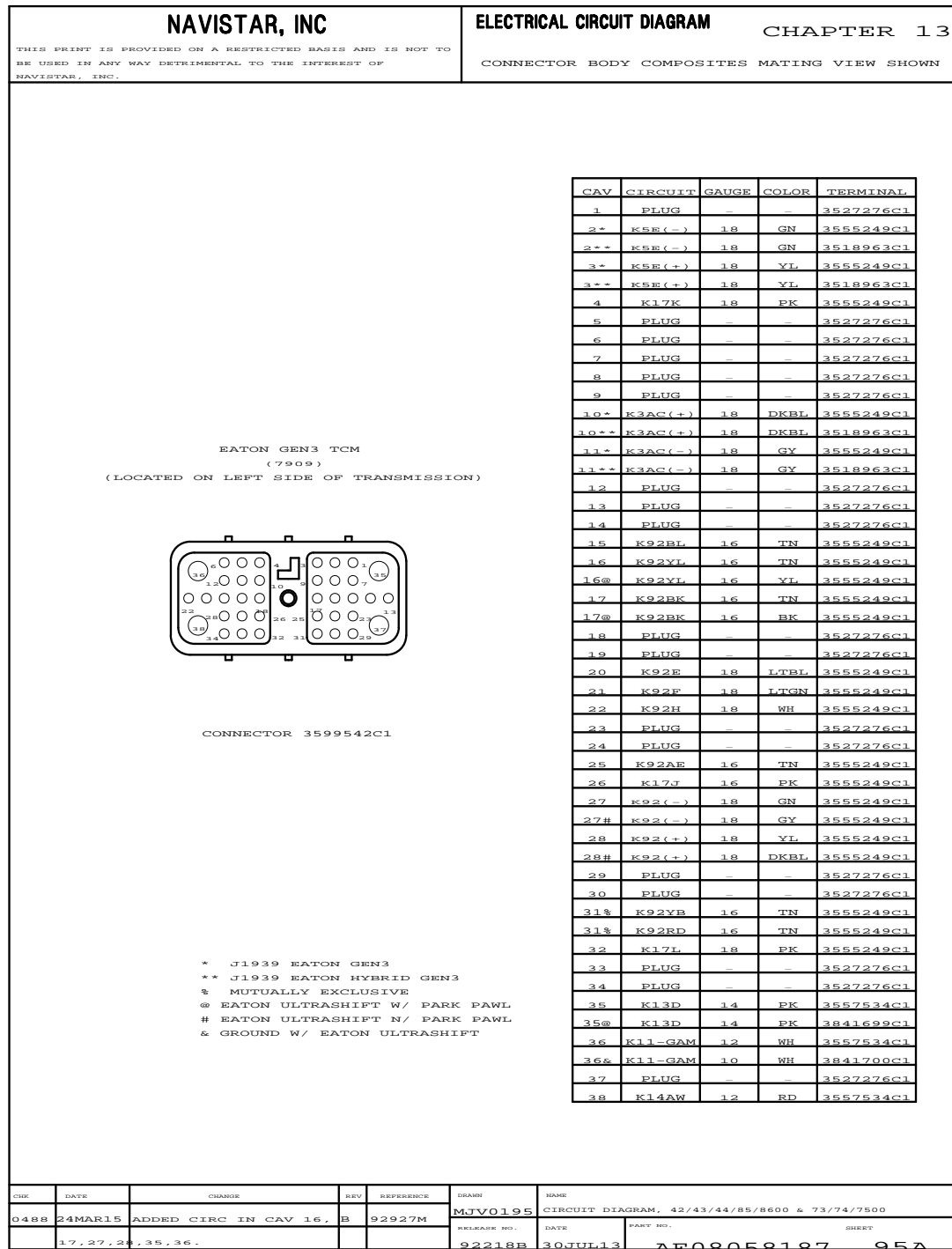


Figure 739 Connector Composites (7909)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.223. CONNECTOR COMPOSITES (7910), (7911), P. 96

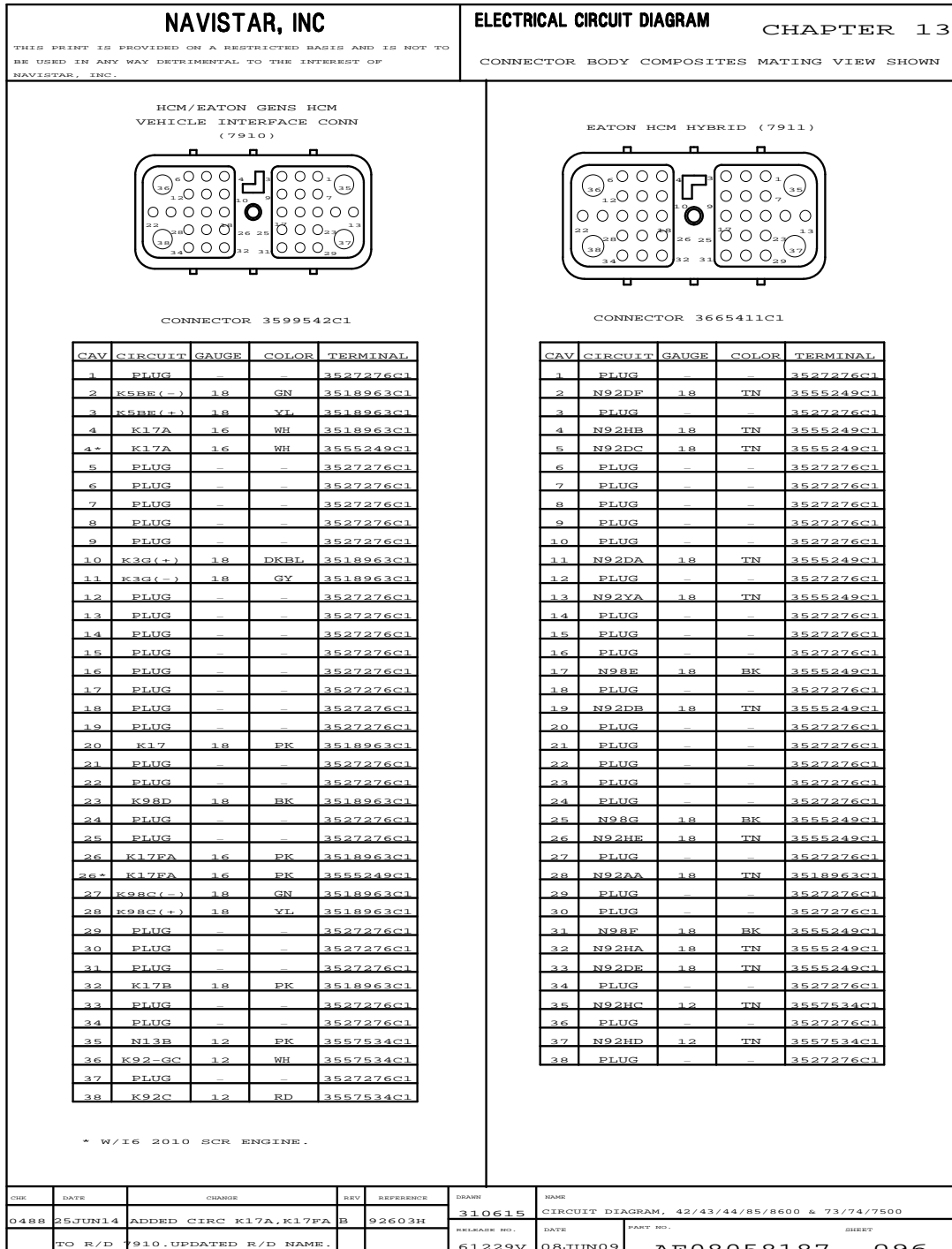


Figure 740 Connector Composites (7910), (7911)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.224. CONNECTOR COMPOSITES (8000), (8000A), (8001), P. 97

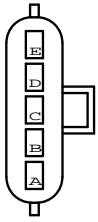
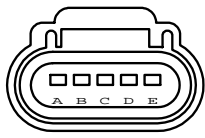
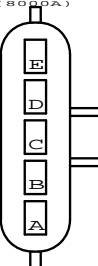
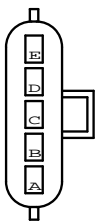
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																	
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Figure 741 Connector Composites (8000), (8000A), (8001)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.225. CONNECTOR COMPOSITES (8001A), (8102A), (8102), (8103), (8103A), (8150A), (8151A), P. 97A

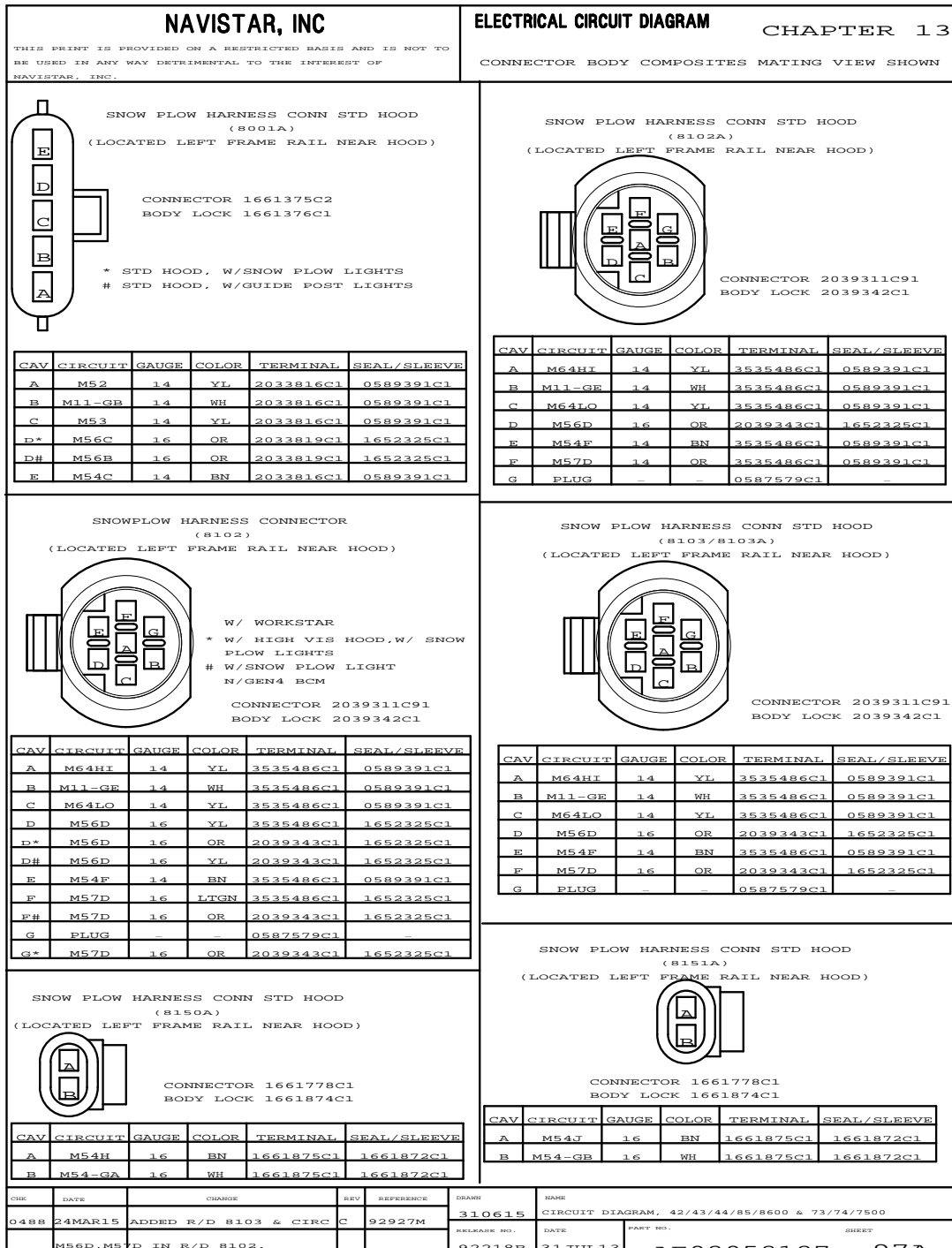


Figure 742 Connector Composites (8001A), (8102A), (8102), (8103), (8103A), (8150A), (8151A)

13.226. CONNECTOR COMPOSITES (8103), (8150), (8151), P. 98

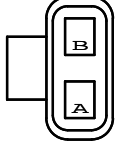
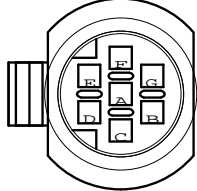


NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																													
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TRANSMISSION FUSE (8103)																																																																			
				<table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K14A</td> <td>12</td> <td>RD</td> <td>1661708C1</td> </tr> <tr> <td>B</td> <td>K14D</td> <td>12</td> <td>RD</td> <td>1661708C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K14A	12	RD	1661708C1	B	K14D	12	RD	1661708C1																																													
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CONNECTOR 1667639C1 BODY LOCK 1675451C1																																																																			
SNOWFLOW HARNESS CONNECTOR (8103) (LOCATED BY LEFT FRAME RAIL NEAR HOOD)																																																																			
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CNC	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																													
0488	25JUN14	ADDED CIRC M56D AND	B	92603H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																													
	M57D AT R/D 8103 CAV D & F.				61229V	08JUN09	AE08058187 098																																																												

Figure 743 Connector Composites (8103), (8150), (8151)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.227. CONNECTOR COMPOSITES (8200), (8200X), (8201), (8201X), P. 99

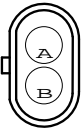
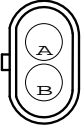
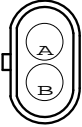
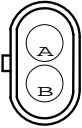
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																									
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<p>RIGHT FOG LIGHT (8200) (LOCATED AT THE FORWARD END OF RIGHT FRAME RAIL)</p>  <table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A*#</td> <td>M64B</td> <td>16</td> <td>YL</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>A*</td> <td>M64A</td> <td>16</td> <td>YL</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M64-GB</td> <td>16</td> <td>WH</td> <td>0587577C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p style="font-size: x-small;">* W/WORKSTAR & TRANSTAR # W/DURASTAR</p> <p style="text-align: center;">CONNECTOR 0587567C91</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*#	M64B	16	YL	0587577C1	1652325C1	A*	M64A	16	YL	0587577C1	1652325C1	B	M64-GB	16	WH	0587577C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
A*#	M64B	16	YL	0587577C1	1652325C1																										
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<p>RIGHT FOG LIGHT WITH FRAME EXT. (8200X) (LOCATED AT THE FORWARD END OF RIGHT FRAME RAIL)</p>  <table border="1" style="width: 100%; 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>M64B</td> <td>16</td> <td>YL</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M64-GB</td> <td>16</td> <td>WH</td> <td>0587577C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p style="font-size: x-small;">W/ WORKSTAR</p> <p style="text-align: center;">CONNECTOR 0587567C91</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M64B	16	YL	0587577C1	1652325C1	B	M64-GB	16	WH	0587577C1	1652325C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
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<p>LEFT FOG LIGHT (8201) (LOCATED AT THE FORWARD END OF LEFT FRAME RAIL)</p>  <table border="1" style="width: 100%; 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>M64A</td> <td>16</td> <td>YL</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>A*</td> <td>M64B</td> <td>16</td> <td>YL</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>B#</td> <td>M64-GA</td> <td>16</td> <td>WH</td> <td>0587577C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p style="font-size: x-small;">* W/WORKSTAR & TRANSTAR # W/DURASTAR & WORKSTAR</p> <p style="text-align: center;">CONNECTOR 0587567C91</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*#	M64A	16	YL	0587577C1	1652325C1	A*	M64B	16	YL	0587577C1	1652325C1	B#	M64-GA	16	WH	0587577C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
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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.																								
					61229V	08JUN09	AE08058187 099																								

Figure 744 Connector Composites (8200), (8200X), (8201), (8201X)

13.228. CONNECTOR COMPOSITES (8301), (8301A), (8303), (8410), (8500), P. 99A

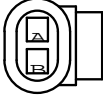

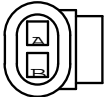
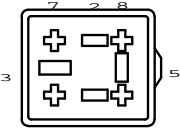
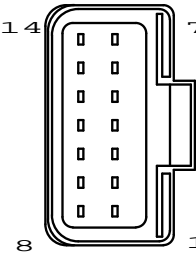
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																											
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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center; font-size: 10px;">ELECTRIC HORN (8301) (LOCATED ON LEFT FRAME RAIL BY ENGINE CROSSMEMBER)</p>  <p style="text-align: center; font-size: 8px;">CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M85E</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M85-GA</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> <p style="text-align: center; font-size: 8px;">W/ WORKSTAR</p> </div> </div>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M85E	16	GY	1661875C1	1661872C1	B	M85-GA	16	WH	1661875C1	1661872C1																																																																								
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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center; font-size: 10px;">ELECTRIC HORN/ELECTRIC HORN HIGH VISIBILITY HOOD (8301A) (LOCATED UNDER ENGINE CROSSMEMBER)</p>  <p style="text-align: center; font-size: 8px;">CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M85E</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M85-GC</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> </div> </div>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M85E	16	GY	1661875C1	1661872C1	B	M85-GC	16	WH	1661875C1	1661872C1																																																																								
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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center; font-size: 10px;">ELECTRIC HORN #1 (8303) (LOCATED UNDER ENGINE CROSSMEMBER)</p>  <p style="text-align: center; font-size: 8px;">CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A*</td> <td>M85E</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M85-GF</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> <p style="text-align: center; font-size: 8px;">* W/ SINGLE HORN W/ TRANSTAR</p> </div> </div>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	M85E	16	GY	1661875C1	1661872C1	B	M85-GF	16	WH	1661875C1	1661872C1																																																																								
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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center; font-size: 10px;">FLAME START RELAY (8410) (W/ IBB ENGINE)</p>  <p style="text-align: center; font-size: 8px;">CONNECTOR 3664985C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; 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>K21A1</td> <td>12</td> <td>TN</td> <td>3664983C1</td> <td>3664987C1</td> </tr> <tr> <td>2</td> <td>K21A2</td> <td>12</td> <td>TN</td> <td>3664983C1</td> <td>3664987C1</td> </tr> <tr> <td>3</td> <td>K14A</td> <td>8</td> <td>RD</td> <td>3664982C1</td> <td>3664986C1</td> </tr> <tr> <td>5</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3664989C1</td> <td>-</td> </tr> <tr> <td>6</td> <td>K21B1</td> <td>18</td> <td>TN</td> <td>3664984C1</td> <td>3664988C1</td> </tr> <tr> <td>7</td> <td>K21B2</td> <td>18</td> <td>TN</td> <td>3664984C1</td> <td>3664988C1</td> </tr> <tr> <td>8</td> <td>K21B3</td> <td>18</td> <td>TN</td> <td>3664984C1</td> <td>3664988C1</td> </tr> <tr> <td>9</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3664989C1</td> <td>-</td> </tr> </tbody> </table> </div> </div>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K21A1	12	TN	3664983C1	3664987C1	2	K21A2	12	TN	3664983C1	3664987C1	3	K14A	8	RD	3664982C1	3664986C1	5	PLUG	-	-	3664989C1	-	6	K21B1	18	TN	3664984C1	3664988C1	7	K21B2	18	TN	3664984C1	3664988C1	8	K21B3	18	TN	3664984C1	3664988C1	9	PLUG	-	-	3664989C1	-																																				
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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center; font-size: 10px;">OEM CROSSOVER (8500) (LOCATED IN ENGINE)</p>  <p style="text-align: center; font-size: 8px;">CONNECTOR 3573078C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3573076C1</td> </tr> <tr> <td>2</td> <td>K5A(+)</td> <td>18</td> <td>YL</td> <td>3573077C1</td> </tr> <tr> <td>2*</td> <td>K5A(+)</td> <td>18</td> <td>YL</td> <td>3613771C1</td> </tr> <tr> <td>3</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3573076C1</td> </tr> <tr> <td>4</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3573076C1</td> </tr> <tr> <td>5</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3573076C1</td> </tr> <tr> <td>6</td> <td>K13B</td> <td>18</td> <td>PK</td> <td>3573077C1</td> </tr> <tr> <td>7</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3573076C1</td> </tr> <tr> <td>8</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3573076C1</td> </tr> <tr> <td>9</td> <td>K5A(-)</td> <td>18</td> <td>GN</td> <td>3573077C1</td> </tr> <tr> <td>9*</td> <td>K5A(-)</td> <td>18</td> <td>GN</td> <td>3613771C1</td> </tr> <tr> <td>10</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3573076C1</td> </tr> <tr> <td>11</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3573076C1</td> </tr> <tr> <td>12</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3573076C1</td> </tr> <tr> <td>13</td> <td>K10-G2</td> <td>18</td> <td>WH</td> <td>3573077C1</td> </tr> <tr> <td>13</td> <td>K10-G2</td> <td>18</td> <td>BK</td> <td>3573077C1</td> </tr> <tr> <td>14</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3573076C1</td> </tr> </tbody> </table> <p style="text-align: center; font-size: 8px;">* W/AFERTREATMENT AND ACCELERATOR WIRING W/DIGITAL SENSOR</p> </div> </div>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	PLUG	-	-	3573076C1	2	K5A(+)	18	YL	3573077C1	2*	K5A(+)	18	YL	3613771C1	3	PLUG	-	-	3573076C1	4	PLUG	-	-	3573076C1	5	PLUG	-	-	3573076C1	6	K13B	18	PK	3573077C1	7	PLUG	-	-	3573076C1	8	PLUG	-	-	3573076C1	9	K5A(-)	18	GN	3573077C1	9*	K5A(-)	18	GN	3613771C1	10	PLUG	-	-	3573076C1	11	PLUG	-	-	3573076C1	12	PLUG	-	-	3573076C1	13	K10-G2	18	WH	3573077C1	13	K10-G2	18	BK	3573077C1	14	PLUG	-	-	3573076C1
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CIR	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																											
0488	24MAR15	ADDED CIRC K5A(+)/(-) D	92927M	MJV0088	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																																												
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	AT CAV	8 & 9 IN R/D 8500.	92218B	31JUL13	AE08058187	99A																																																																																											

Figure 745 Connector Composites (8301), (8301A), (8303), (8410), (8500)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.229. CONNECTOR COMPOSITES (8500), (8501), (8502), (8502A), (8502B), (8503), P. 100

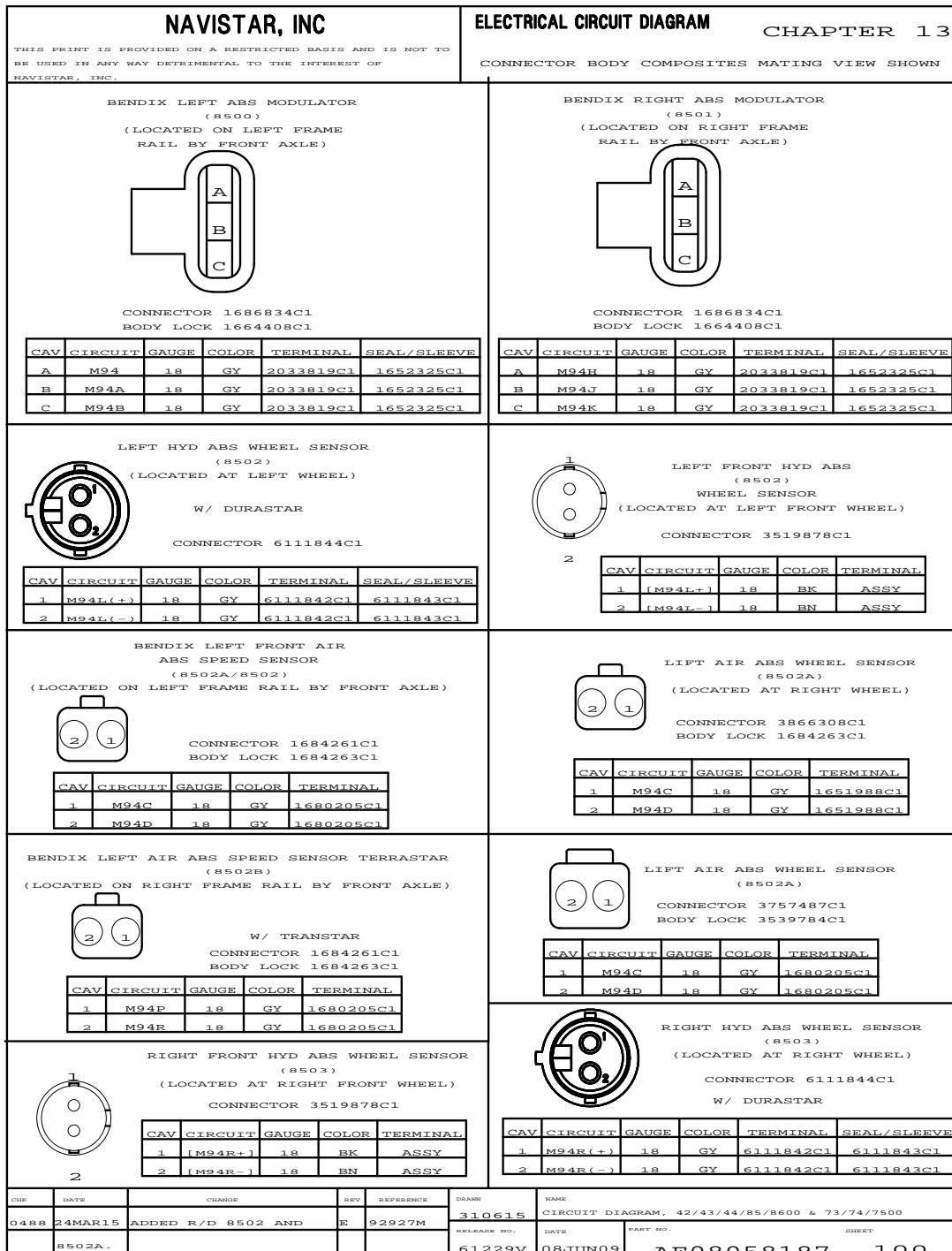


Figure 746 Connector Composites (8500), (8501), (8502), (8502A), (8502B), (8503)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.230. CONNECTOR COMPOSITES (8503A), (8503B), (8503C), (8505), (8506), (8506A), (8507), P. 101

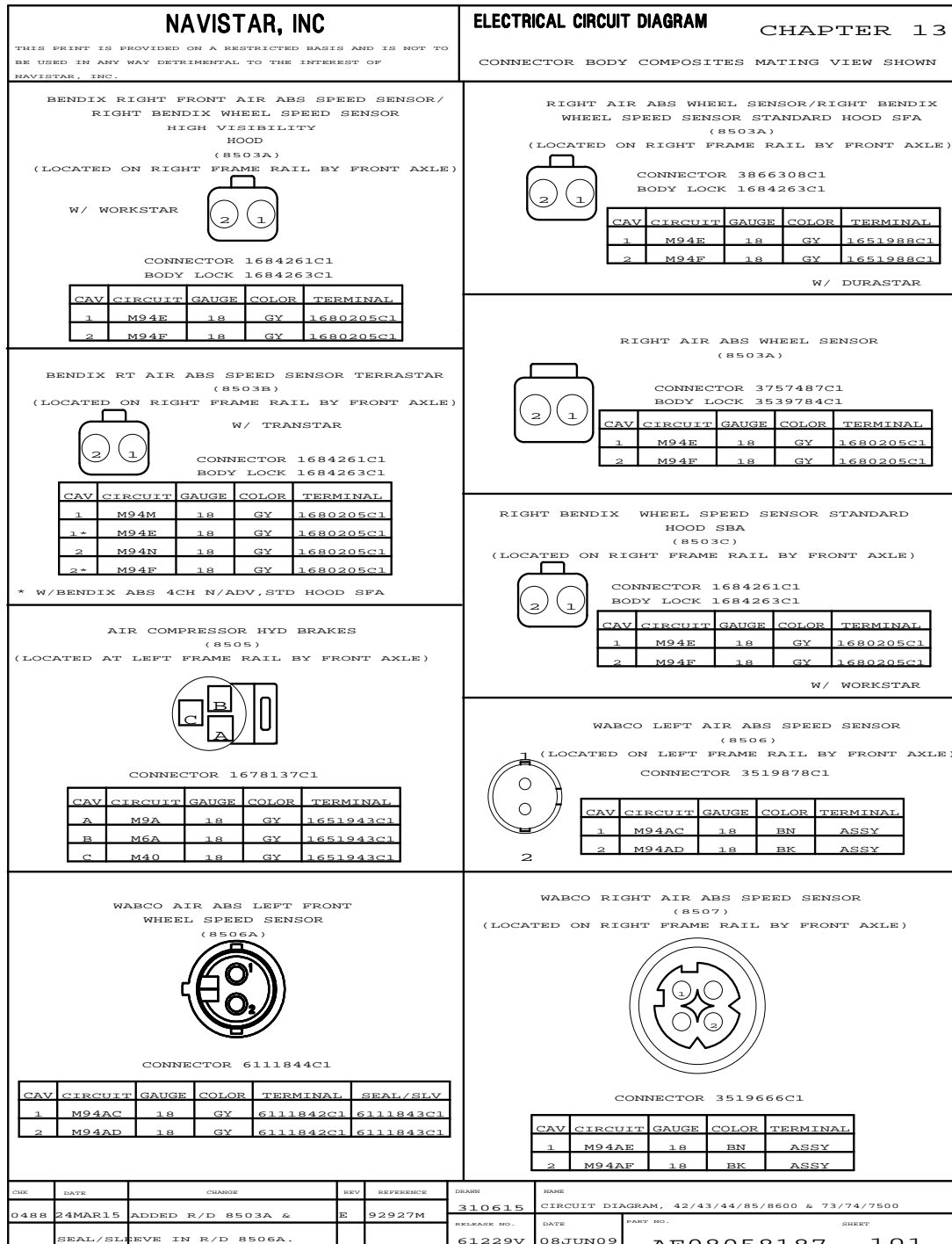


Figure 747 Connector Composites (8503A), (8503B), (8503C), (8505), (8506), (8506A), (8507)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.231. CONNECTOR COMPOSITES (8507A), (8507B), (8507C), (8508), (8508A), (8509), (8509A), P. 102

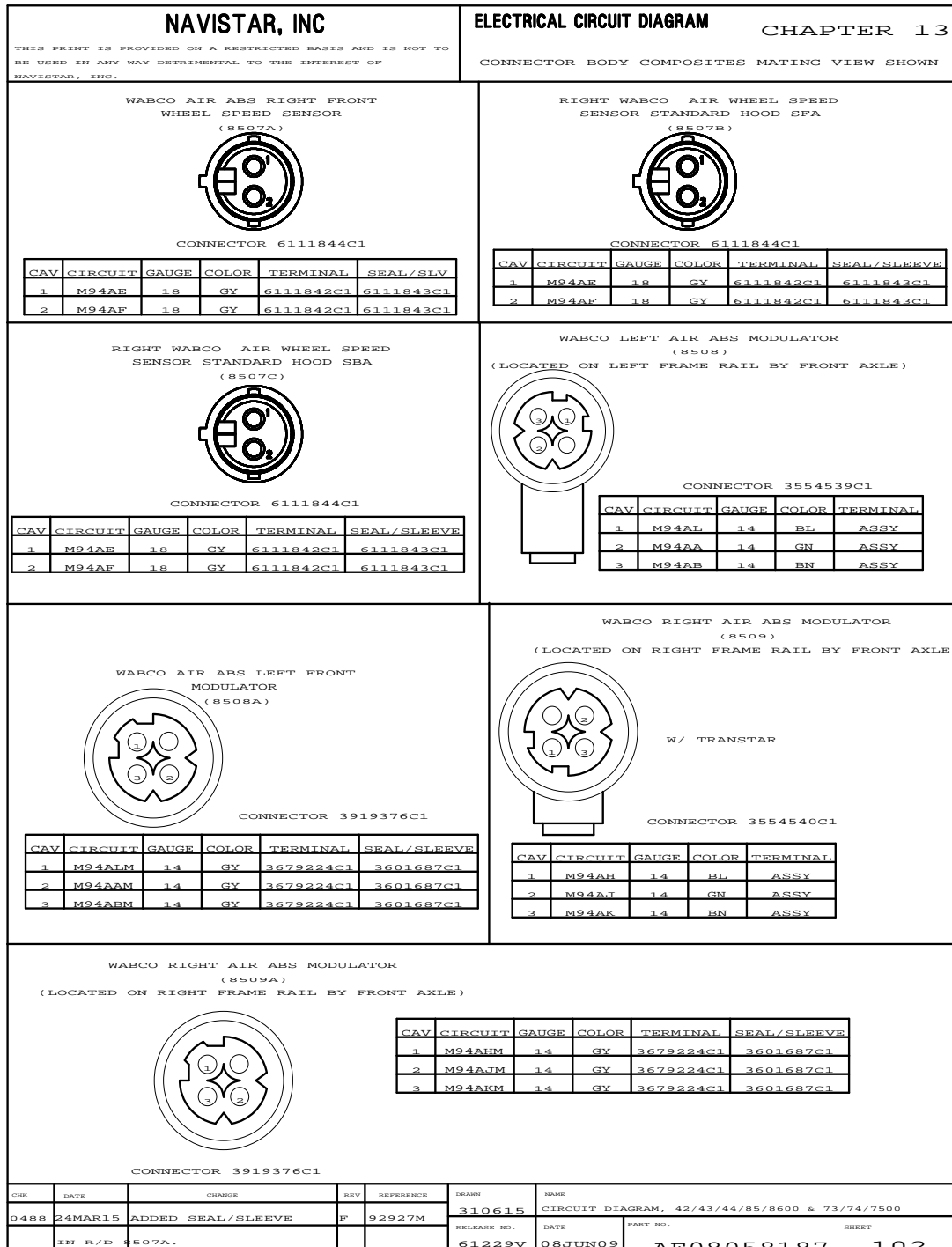


Figure 748 Connector Composites (8507A), (8507B), (8507C), (8508), (8508A), (8509), (8509A)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.232. CONNECTOR COMPOSITES (8520), (8600), (8600A), (8601), (8602), (8700), (8700A), (8700B), (8700C), P. 103

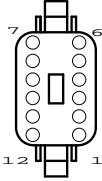
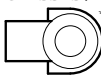
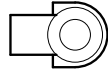
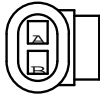
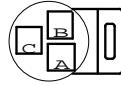
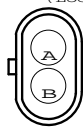
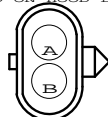
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																		
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																																				
<p>FWD CHASSIS/IP INTERCONNECT BLACK (8520) (LOCATED ON UNDERSIDE OF HOOD-LEFT FRONT)</p>  <p style="text-align: right;">W/ TRANSTAR</p> <p style="text-align: right;">CONNECTOR 3601924C1 BODY LOCK 3601925C1</p>				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>M94</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>2</td><td>M94A</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>3</td><td>M94B</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>4</td><td>M94P</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>5</td><td>M94R</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>6</td><td>M94M</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>7</td><td>M94N</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>8</td><td>M94H</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>9</td><td>M94J</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>10</td><td>M94K</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	M94	18	GY	1680205C1	2	M94A	18	GY	1680205C1	3	M94B	18	GY	1680205C1	4	M94P	18	GY	1680205C1	5	M94R	18	GY	1680205C1	6	M94M	18	GY	1680205C1	7	M94N	18	GY	1680205C1	8	M94H	18	GY	1680205C1	9	M94J	18	GY	1680205C1	10	M94K	18	GY	1680205C1	11	PLUG	-	-	0453133C1	12	PLUG	-	-	0453133C1
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CDE	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																		
0488	25JUN14	REVISED AND REDRAWN	F	92603H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																		
RELEASE NO.					DATE	PART NO.	SHEET																																																																	
61229V					08JUN09	AE08058187	103																																																																	

Figure 749 Connector Composites (8520), (8600), (8600A), (8601), (8602), (8700), (8700A), (8700B), (8700C)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.233. CONNECTOR COMPOSITES (8701), (8701A), (8702A), P. 104

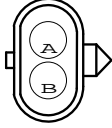
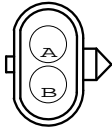
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																					
<p>RIGHT HEATED MIRROR FWD HOOD MTD STANDARD HOOD (8701/8701A) (LOCATED ON HOOD RIGHT SIDE)</p>  <p>CONNECTOR 0587567C91</p> <table border="1" style="margin: auto; 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>M78BC</td><td>16</td><td>LT GN</td><td>0587577C1</td><td>1652325C1</td></tr><tr><td>B</td><td>M78-GB</td><td>16</td><td>WH</td><td>0587577C1</td><td>1652325C1</td></tr></tbody></table> <p style="text-align: center; font-size: x-small;">W/ WORKSTAR</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M78BC	16	LT GN	0587577C1	1652325C1	B	M78-GB	16	WH	0587577C1	1652325C1
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																			
0488	24MAR15	ADDED R/D 8701.	F	92927M	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																			
RELEASE NO.				DATE	PART NO.		SHEET																		
61229V				08JUN09	AE08058187		104																		

Figure 750 Connector Composites (8701), (8701A), (8702A)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.234. CONNECTOR COMPOSITES (8701),(8702), (8750), (8800), (8802), (8803), P. 105

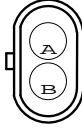
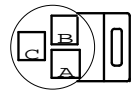
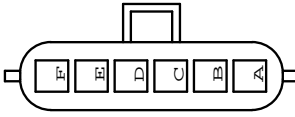
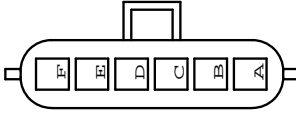
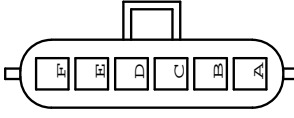
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<p style="text-align: center;">GROUND ADAPTER #1 (8800) (LOCATED BY LEFT FRAME RAIL NEAR HOOD)</p>  <p style="text-align: center;">CONNECTOR 3551896C1 BODY LOCK 3551897C1</p>				<table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr> <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>M11-GD</td> <td>12</td> <td>WH</td> <td>2033819C1</td> <td>0589390C1</td> </tr> <tr> <td>A6</td> <td>M85-GB</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M64-GA</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>M64-GB</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>D*</td> <td>M54-GA</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>D*</td> <td>M11-GE</td> <td>14</td> <td>WH</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>E*</td> <td>M54-GB</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>E*</td> <td>M78-GA</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>E*</td> <td>M78-GB</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>F#</td> <td>M85-GC</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>F**</td> <td>M11-GW</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>F##</td> <td>M44-GW</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>F66</td> <td>M78-GB</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>F66</td> <td>M8-GA</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p style="text-align: right; font-size: x-small;">W/ WORKSTAR W/ DURASTAR</p> <p style="font-size: x-small;">* MUTUALLY EXCLUSIVE # W/ IBB ENGINE & W/ ELECTRIC HORN W/ GROUND ADAPTER ** W/ WHEELCHAIR LIFT INTERLOCK ## W/ PARK BRAKE INTERLOCK && W/ HEATED MIRROR W/ HIGH VIS HOOD</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M11-GD	12	WH	2033819C1	0589390C1	A6	M85-GB	16	WH	2033819C1	1652325C1	B	M64-GA	16	WH	2033819C1	1652325C1	C	M64-GB	16	WH	2033819C1	1652325C1	D*	M54-GA	16	WH	2033819C1	1652325C1	D*	M11-GE	14	WH	2033816C1	0589391C1	E*	M54-GB	16	WH	2033819C1	1652325C1	E*	M78-GA	16	WH	2033819C1	1652325C1	E*	M78-GB	16	WH	2033819C1	1652325C1	F#	M85-GC	16	WH	2033819C1	1652325C1	F**	M11-GW	16	WH	2033819C1	1652325C1	F##	M44-GW	16	WH	2033819C1	1652325C1	F66	M78-GB	16	WH	2033819C1	1652325C1	F66	M8-GA	16	WH	2033819C1	1652325C1																														
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Figure 751 Connector Composites (8701),(8702), (8750), (8800), (8802), (8803)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.235. CONNECTOR COMPOSITES (8804), (8805), (8805A), (8806), P. 106


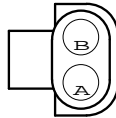
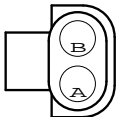
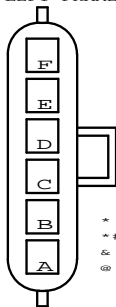
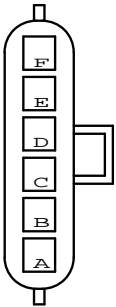
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D5	N12-GA	18	WH	2033819C1	1652325C1																																																																																																																																																																					
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E*H	N59R-G	18	WH	2033819C1	1652325C1																																																																																																																																																																					
E*	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																																																																																																																																																																					
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 752 Connector Composites (8804), (8805), (8805A), (8806)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.236. CONNECTOR COMPOSITES (8807), (8809), (8881), (8882), (8883), P. 107

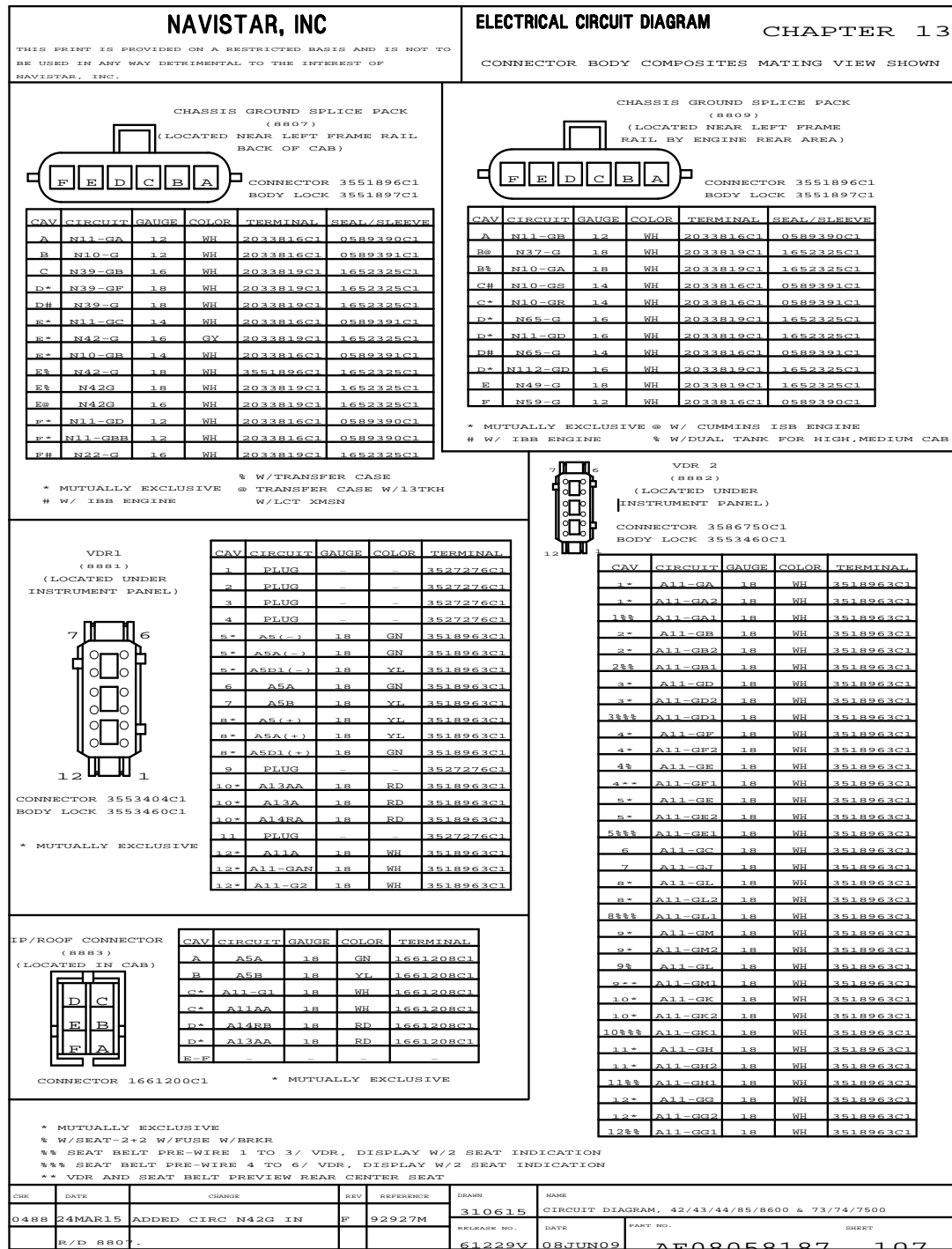


Figure 753 Connector Composites (8807), (8809), (8881), (8882), (8883)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.237. CONNECTOR COMPOSITES (8883), (8884), P. 108

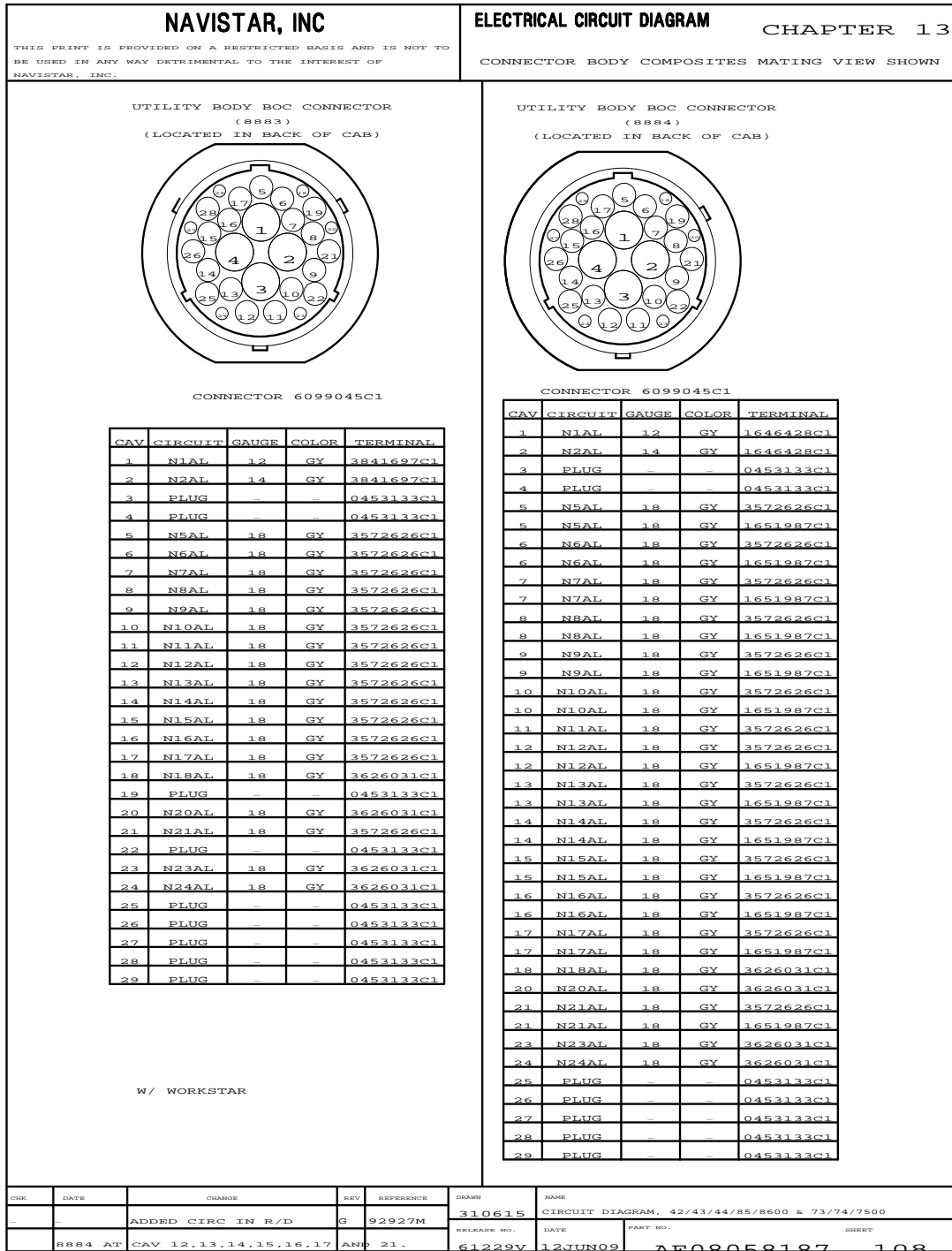


Figure 754 Connector Composites (8883), (8884)

13.238. CONNECTOR COMPOSITES (8884A), P. 109

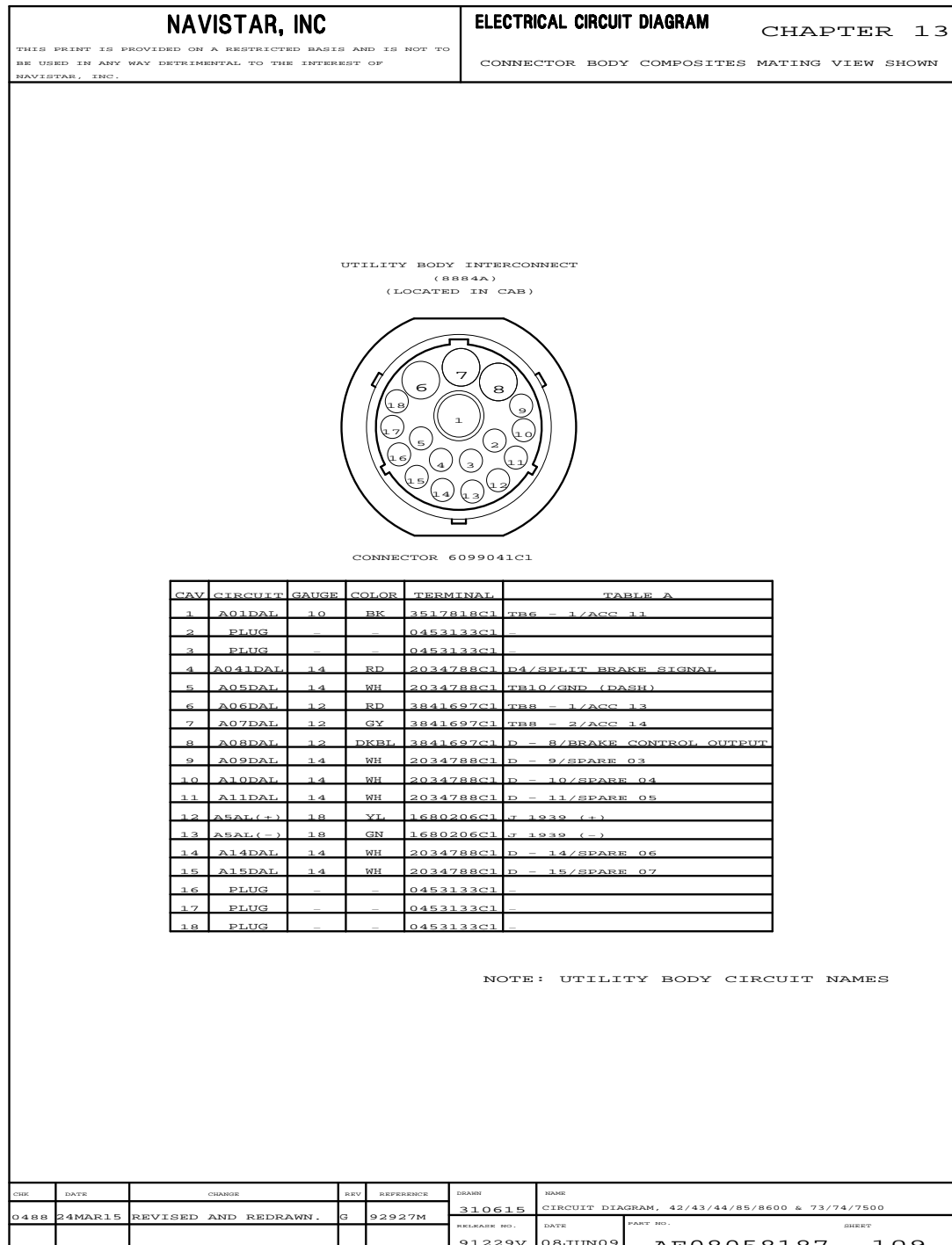


Figure 755 Connector Composites (8884A)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.239. CONNECTOR COMPOSITES (8884B), P. 110

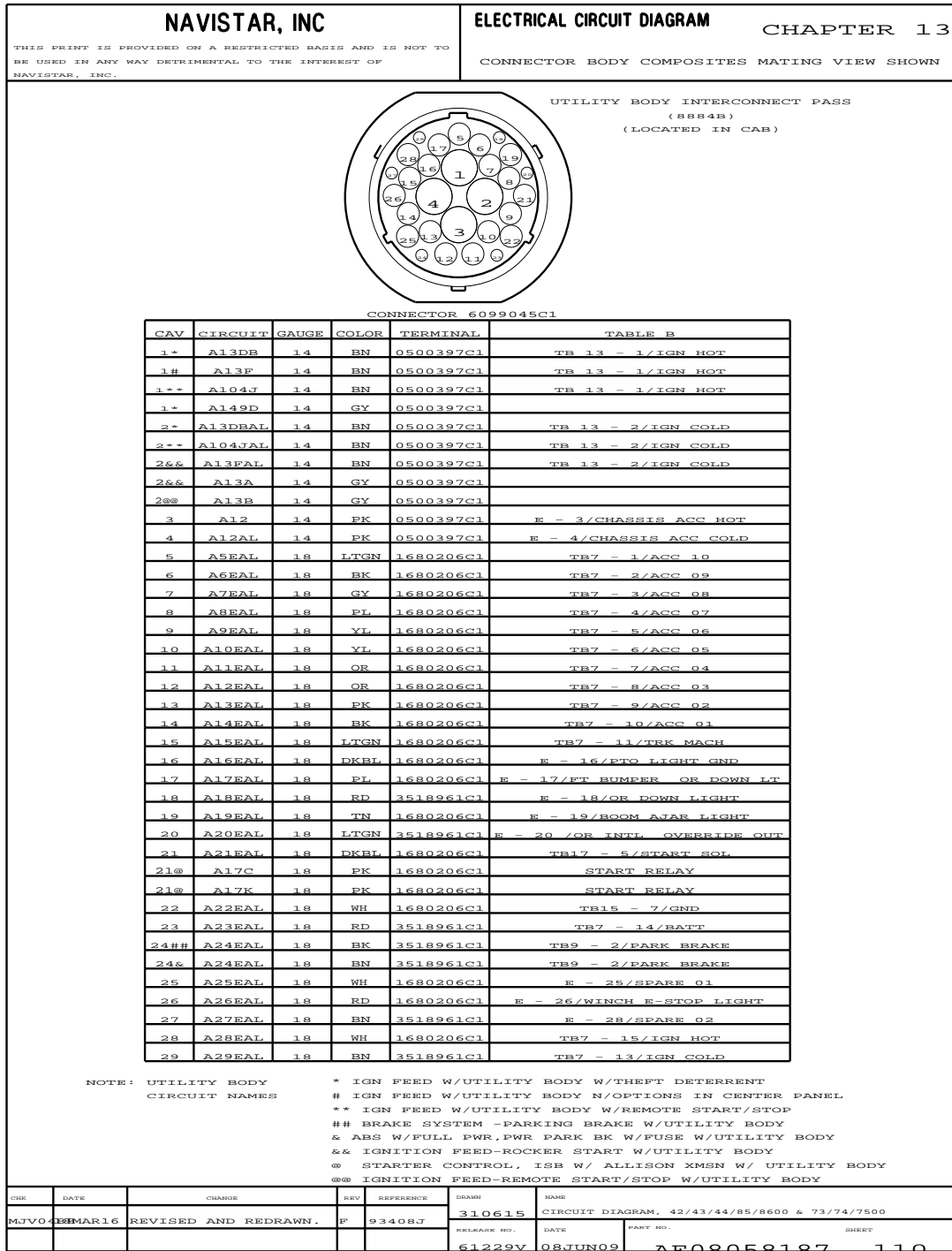


Figure 756 Connector Composites (8884B)

13.240. CONNECTOR COMPOSITES (8884C), P. 111

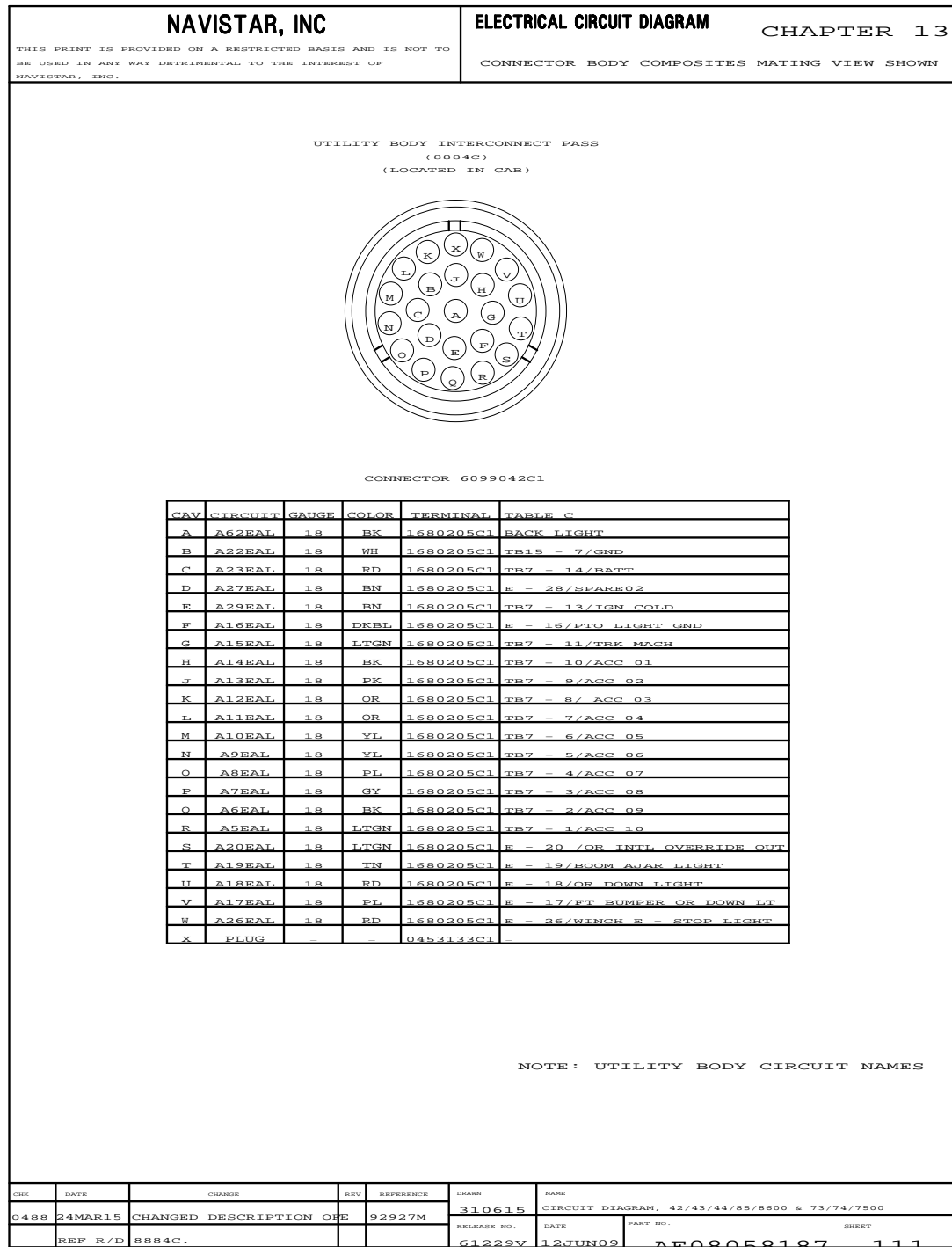


Figure 757 Connector Composites (8884C)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.241. CONNECTOR COMPOSITES (8885), (8885A), (8887), (8888), P. 112

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

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CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

ALTEC ENGINE BB CONN
(8885)
(LOCATED IN CHASSIS)

1 CONNECTOR 3838727C1
BODY LOCK 3589992C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	N20AL	18	GY	3626031C1
2	N9AL	18	GY	3626031C1
3	N24AL	18	GY	3626031C1
4	N8AL	18	GY	3626031C1
5	N21AL	18	GY	3626031C1
6	PLUG	-	-	3527276C1
7	PLUG	-	-	3527276C1
8	N6AL	18	GY	3626031C1
9	PLUG	-	-	3527276C1
10	N7AL	18	GY	3626031C1
11	N23AL	18	GY	3626031C1
12	N5AL	18	GY	3626031C1

W/ WORKSTAR

ALTEC ENGINE BB CONN
(8885A)
(LOCATED IN CHASSIS)

1 CONNECTOR 3838727C1
BODY LOCK 3589992C1

CAV	CIRCUIT	GA	COLOR	TERMINAL
1	PLUG	-	-	3527276C1
2	N9AL	18	GY	3626031C1
3	PLUG	-	-	3527276C1
4	N8AL	18	GY	3626031C1
5	N21AL	18	GY	3626031C1
6	N7AL	18	GY	3626031C1
7	N6AL	18	GY	3626031C1
8	N5AL	18	GY	3626031C1
9	N23AL	18	GY	3626031C1
10	PLUG	-	-	3527276C1
11	N20AL	18	GY	3626031C1
12	N24AL	18	GY	3626031C1

ALTEC TRANS BB ALLISON 1/2000
(8887)
(LOCATED IN CHASSIS)

CONNECTOR 3525874C1
BODY LOCK 3525875C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N18AL	18	GY	1667742C1	3568570C1
B	N12AL	18	GY	1667742C1	3568570C1
C	N13AL	18	GY	1667742C1	3568570C1
D	PLUG	-	-	2025431C1	3568570C1
E	N15AL	18	GY	1667742C1	3568570C1
F	N16AL	18	GY	1667742C1	3568570C1
G	N10AL	18	GY	1667742C1	3568570C1
H	PLUG	-	-	2025431C1	3568570C1

W/ WORKSTAR

ALTEC TRANS BB ALLISON 3/4000
(8888)
(LOCATED IN CHASSIS)

CONNECTOR 3525872C1
BODY LOCK 3525873C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N15AL	18	GY	1661875C1	3568570C1
B	N11AL	18	GY	1661875C1	3568570C1
C	N18AL	18	GY	1661875C1	3568570C1
D	N12AL	18	GY	1661875C1	3568570C1
E	N14AL	18	GY	1661875C1	3568570C1
F	N10AL	18	GY	1661875C1	3568570C1
G	N17AL	18	GY	1661875C1	3568570C1
H	PLUG	-	-	2025431C1	3568570C1

W/ WORKSTAR

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
0488	24MAR15	ADDED R/D 8885A.	E	92927M	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
					RELEASE NO.	DATE	PART NO.
					61229V	08JUN09	AE08058187
							112

Figure 758 Connector Composites (8885), (8885A), (8887), (8888)

13.242. CONNECTOR COMPOSITES (8900), (8901M), (8903), P. 113

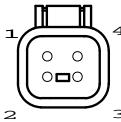
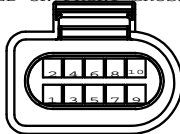
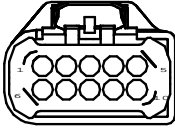
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																																																																																	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																																																					
<div>EATON VORAD ANTENNA ASSY (8900) (LOCATED ON FRONT CROSSMEMBER)</div> <div><div>W/ TRANSTAR</div></div> <div>CONNECTOR 3545577C1 BODY LOCK 3545579C1</div>																																																																																									
<div>VORAD VS-400 FORWARD RADAR (8901M) (LOCATED ON FRONT CROSSMEMBER)</div> <div><div>W/ TRANSTAR</div></div> <div>CONNECTOR 3673402C1</div>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	PLUG	-	-	3577744C1	-	2	PLUG	-	-	3577744C1	-	3	PLUG	-	-	3577744C1	-	4	MSB(+)	18	YL	3673404C1	3573653C1	5	MSB(-)	18	GN	3673404C1	3573653C1	6	PLUG	-	-	3577744C1	-	7	PLUG	-	-	3577744C1	-	8	PLUG	-	-	3577744C1	-	9	M67-GA	18	WH	3673404C1	3573653C1	10	M67AA	18	PK	3673404C1	3573653C1												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																				
1	PLUG	-	-	3577744C1	-																																																																																				
2	PLUG	-	-	3577744C1	-																																																																																				
3	PLUG	-	-	3577744C1	-																																																																																				
4	MSB(+)	18	YL	3673404C1	3573653C1																																																																																				
5	MSB(-)	18	GN	3673404C1	3573653C1																																																																																				
6	PLUG	-	-	3577744C1	-																																																																																				
7	PLUG	-	-	3577744C1	-																																																																																				
8	PLUG	-	-	3577744C1	-																																																																																				
9	M67-GA	18	WH	3673404C1	3573653C1																																																																																				
10	M67AA	18	PK	3673404C1	3573653C1																																																																																				
<div>BENDIX WINGMAN (8903) (LOCATED ON CHASSIS)</div> <div><div>W/ TRANSTAR</div></div> <div>% W/ BENDIX WINGMAN # W/ BENDIX WINGMAN W/ SMARTWAVE TPMS 2010</div> <div>CONNECTOR 6111813C1</div>												CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	#1	MSB(+)	20	YL	3987168C1	3987169C1	#1	MSB(+)	20	YL	3987168C1	3987169C1	2	PLUG	-	-	3987171C1	-	3	PLUG	-	-	3987171C1	-	4	PLUG	-	-	3987171C1	-	5	M67-GA	20	WH	3987168C1	3987169C1	#6	MSB(-)	20	GN	3987168C1	3987169C1	#6	MSB(-)	20	GN	3987168C1	3987169C1	7	PLUG	-	-	3987171C1	-	8	M67AA	20	PK	3987168C1	3987169C1	9	PLUG	-	-	3987171C1	-	10	PLUG	-	-	3987171C1	-
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																				
#1	MSB(+)	20	YL	3987168C1	3987169C1																																																																																				
#1	MSB(+)	20	YL	3987168C1	3987169C1																																																																																				
2	PLUG	-	-	3987171C1	-																																																																																				
3	PLUG	-	-	3987171C1	-																																																																																				
4	PLUG	-	-	3987171C1	-																																																																																				
5	M67-GA	20	WH	3987168C1	3987169C1																																																																																				
#6	MSB(-)	20	GN	3987168C1	3987169C1																																																																																				
#6	MSB(-)	20	GN	3987168C1	3987169C1																																																																																				
7	PLUG	-	-	3987171C1	-																																																																																				
8	M67AA	20	PK	3987168C1	3987169C1																																																																																				
9	PLUG	-	-	3987171C1	-																																																																																				
10	PLUG	-	-	3987171C1	-																																																																																				
CHK	DATE	CHANGE	REV	REFERENCE	DRWING	NAME																																																																																			
0488	25JUN14	REVISED AND REDRAWN.	D	92603H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																																			
					RELEASE NO.	DATE	PART NO.		SHEET																																																																																
					61229V	12JUN09	AE08058187		113																																																																																

Figure 759 Connector Composites (8900), (8901M), (8903)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.243. CONNECTOR COMPOSITES (8993F), (8995), (8996), P. 114

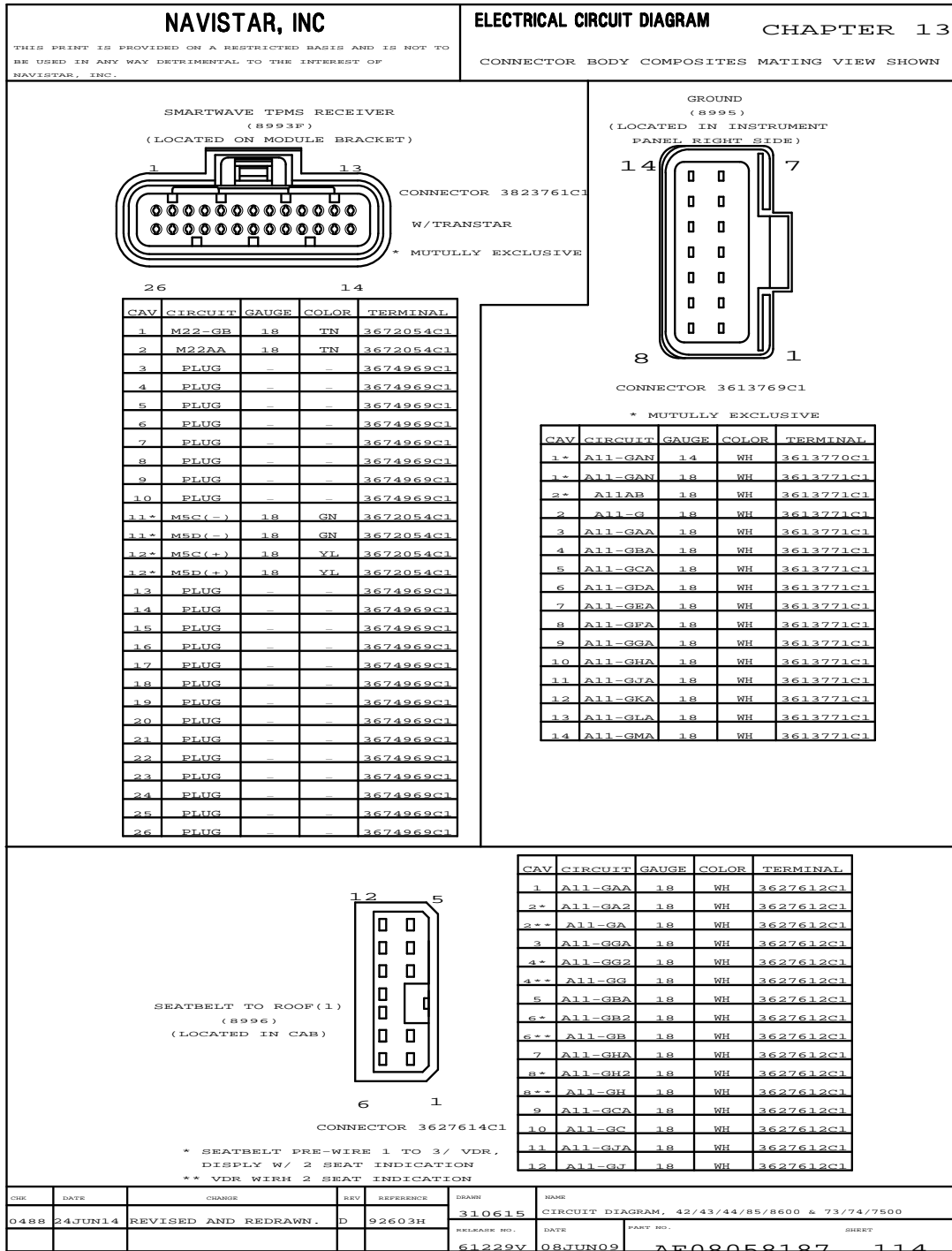


Figure 760 Connector Composites (8993F), (8995), (8996)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.244. CONNECTOR COMPOSITES (8997), (8998), (8999), (9001), (9002), P. 115

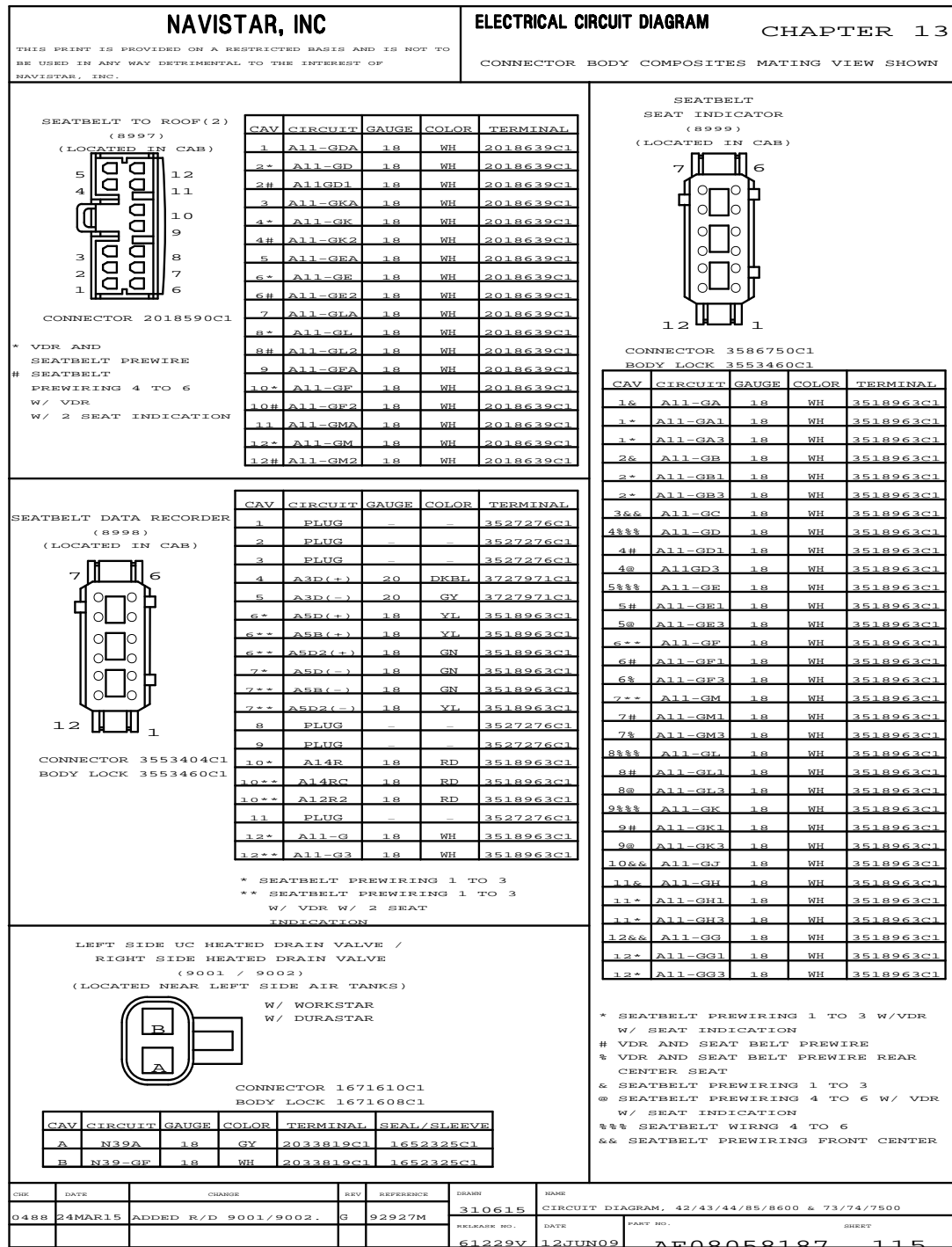


Figure 761 Connector Composites (8997), (8998), (8999), (9001), (9002)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.245. CONNECTOR COMPOSITES (9001A), (9003), (9003K), (9003L), (9004), (9100), (9100A), P. 116

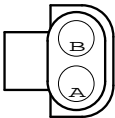
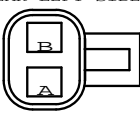
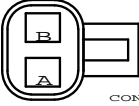
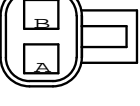
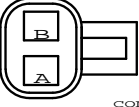
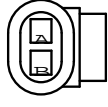


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HALDEX DRAIN VALVE (9001A) (LOCATED NEAR LEFT SIDE AIR TANKS)								LS BOC HTD DRAIN VALVE (9003) (LOCATED NEAR LEFT SIDE AIR TANKS)					
													
CONNECTOR 0587568C91								CONNECTOR 1671610C1 BODY LOCK 1671608C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE			CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N39A	18	GY	0587576C1	1652325C1			A	N39A	18	GY	2033819C1	1652325C1
B	N39-GF	18	WH	0587576C1	1652325C1			B	N39-GF	18	WH	2033819C1	1652325C1
LT SIDE PERP TO RAIL BOC MTD HEATED DRAIN VALVE (9003K) (LOCATED IN CHASSIS)								FOS PERP TO RAIL MTD HEATED DRAIN VALVE (9003L) (LOCATED IN CHASSIS)					
													
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
HTD DRAIN VALVE LSM UNDERCAB (9004) (LOCATED NEAR LEFT SIDE AIR TANKS)								AF FUEL SENDER (9100) (LOCATED ON LEFT SIDE FUEL TANK)					
													
CONNECTOR 1671610C1 BODY LOCK 1671608C1								CONNECTOR 1661778C1 BODY LOCK 1661874C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE			CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N39A	18	GY	2033819C1	1652325C1			A	R36	18	TN	1661875C1	1661872C1
B	N39-G	18	WH	2033819C1	1652325C1			B	R9D	18	GY	1661875C1	1661872C1
LEFT UC FUEL SENDER / LSM SENDER (9100) (LOCATED ON LEFT SIDE FUEL TANK)								LSM BOC FUEL SENDER / FUEL SENDER (9100A) (LOCATED ON FUEL TANK)					
W/ WORKSTAR W/ DURASTAR								CONNECTOR 1661778C1 BODY LOCK 1661874C1					
													
* W/ IBB ENGINE # W/ CUMMINS ISB ENGINE ** W/ LEFT SIDE MTD SINGLE TANK UNDER CAB													
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE			CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A*	N36A	18	GY	1661875C1	1661872C1			A#	N36B	18	TN	1661875C1	1661872C1
A#	N36B	18	TN	1661875C1	1661872C1			A*	N36A	18	GY	1661875C1	1661872C1
B*	N9-G	18	GY	1661875C1	1661872C1			B#	N9A	18	GY	1661875C1	1661872C1
B#	N9A	18	GY	1661875C1	1661872C1			B*	N9-G	18	GY	1661875C1	1661872C1
A**	N36A	18	TN	1661875C1	1661872C1								
* LEFT SIDE MTD SINGLE TANK BOC-MID CAB # DUAL UNCAB TANK FOR MEDIUM CAB													
CHG	DATE	CHANGE	REV	REFERENCE	DRWN	NAME							
0488	24MAR15	REVISED AND REDRAWN.	G	92927M	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500							
					RELEASE NO.	DATE	PART NO.	SHEET					
					61229V	12JUN09	AE08058187	116					

Figure 762 Connector Composites (9001A), (9003), (9003K), (9003L), (9004), (9100), (9100A)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.246. CONNECTOR COMPOSITES (9100B), (9100C), (9101), (9101A), (9102A / 9102), (9102B), (9102C), (9102D / 9102W), (9102E), (9103 / 9102V / 9102X), (9103A), P. 117

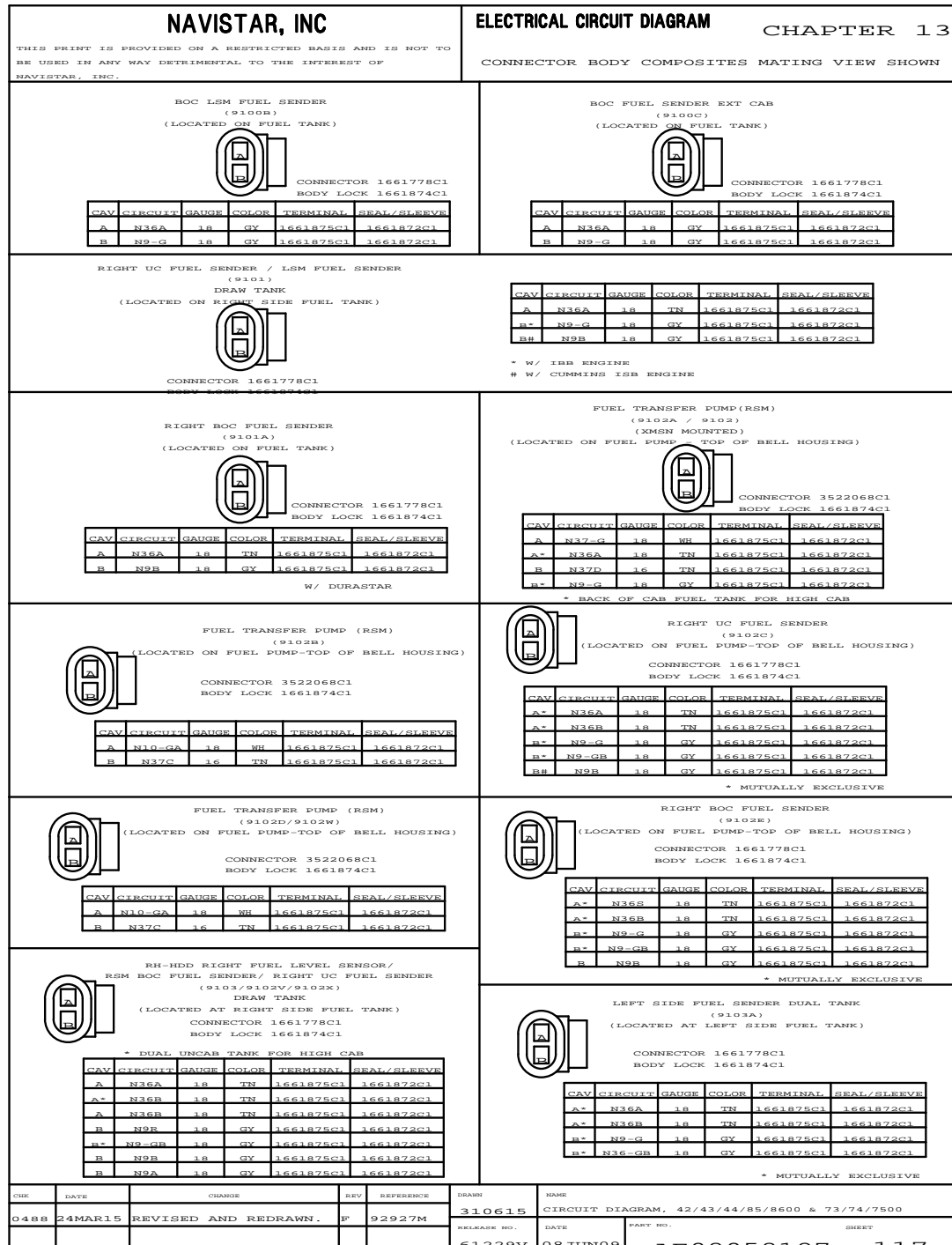


Figure 763 Connector Composites (9100B), (9100C), (9101), (9101A), (9102A / 9102), (9102B), (9102C), (9102D / 9102W), (9102E), (9103 / 9102V / 9102X), (9103A)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.247. CONNECTOR COMPOSITES (9108A), (9108B), (9108C), (9108D), (9108E), (9108F), (9108G), P. 118

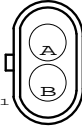
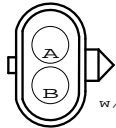
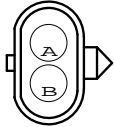
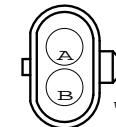
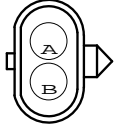
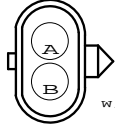
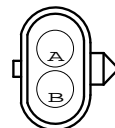
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																					
FUEL HEATER / FUEL HTR BOC LSM (9108A / 9108B) (LOCATED ON LEFT FRAME RAIL BY FRONT AXLE)				FUEL HTR BOC LSM (9108C) (LOCATED IN CHASSIS)																					
																									
CONNECTOR 0587567C91				CONNECTOR 0587567C91																					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT																		
A	N19	16	GY	0587577C1	1652325C1	A	N19																		
B	N19-G	16	WH	0587577C1	1652325C1	B	N19-G																		
FUEL HTR BOC CAB (9108D) (LOCATED IN CHASSIS)				FUEL HTR BOC LSM (9108E) (LOCATED IN CHASSIS)																					
																									
CONNECTOR 0587567C91				CONNECTOR 0587567C91																					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT																		
A	N19	16	GY	0587577C1	1652325C1	A	N19																		
B	N19-G	16	WH	0587577C1	1652325C1	B	N19-G																		
FUEL HTR BOC LSM (9108F) (LOCATED IN CHASSIS)				FWS EXT CAB O/S LEFT RAIL (9108G) (LOCATED IN CHASSIS)																					
																									
CONNECTOR 0587567C91				CONNECTOR 0587567C91																					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT																		
A	N19	16	GY	0587577C1	1652325C1	A	N19																		
B	N19-G	16	WH	0587577C1	1652325C1	B	N19-G																		
DAVCO FUEL HTR VERT-VERT (9108H)				<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 style="text-align: center;">A</td> <td style="text-align: center;">N19</td> <td style="text-align: center;">16</td> <td style="text-align: center;">GY</td> <td style="text-align: center;">0587577C1</td> <td style="text-align: center;">1652325C1</td> </tr> <tr> <td style="text-align: center;">B</td> <td style="text-align: center;">N19-G</td> <td style="text-align: center;">16</td> <td style="text-align: center;">WH</td> <td style="text-align: center;">0587577C1</td> <td style="text-align: center;">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
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																				
A	N19	16	GY	0587577C1	1652325C1																				
B	N19-G	16	WH	0587577C1	1652325C1																				
				CONNECTOR 0587567C91																					
CHG	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																			
0488	24MAR15	ADDED R/D 9108H.	F	92927M	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																			
					RELEASE NO.	DATE	PART NO.																		
					61229V	08JUN09	AE08058187																		
						SHEET	118																		

Figure 764 Connector Composites (9108A), (9108B), (9108C), (9108D), (9108E), (9108F), (9108G)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

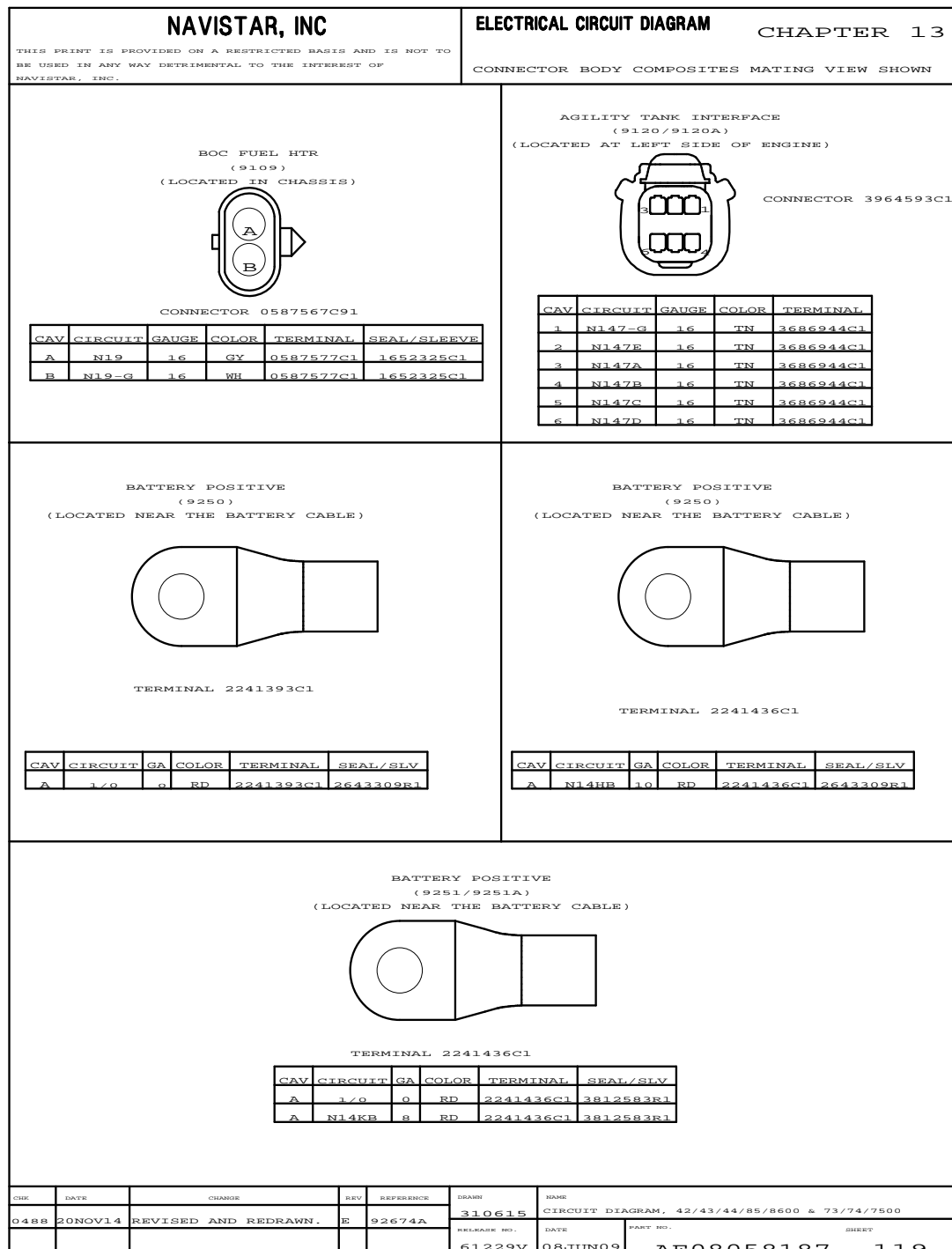
13.248. CONNECTOR COMPOSITES (9109), (9120), (9120A), (9250), (9251), (9251A),
P. 119

Figure 765 Connector Composites (9109), (9120), (9120A), (9250), (9251), (9251A)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.249. CONNECTOR COMPOSITES (9260), (9261), (9263F), (9264F), P. 120

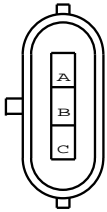
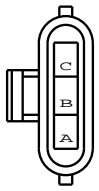
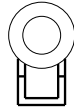
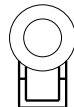
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																							
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<div style="text-align: center;">  <p>BATTERY ECM NEGATIVE (9260) (LOCATED AT LEFT SIDE OF ENGINE)</p> <p>* MUTUALLY EXCLUSIVE # W/ V8 ENGINE @ W/ I6, I-367 ENGINE</p> <p>CONNECTOR 1667732C1 #1667733C1 BODY LOCK 1667734C1</p> <table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K97-GA</td> <td>10</td> <td>WH</td> <td>2025425C1</td> <td>1667735C1</td> </tr> <tr> <td>A#</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>1675751C1</td> <td>-</td> </tr> <tr> <td>B*</td> <td>K92-G</td> <td>10</td> <td>GY</td> <td>2025425C1</td> <td>1667735C1</td> </tr> <tr> <td>B*</td> <td>K11-GAM</td> <td>12</td> <td>WH</td> <td>2025424C1</td> <td>1671603C1</td> </tr> <tr> <td>C</td> <td>K97-GC</td> <td>10</td> <td>WH</td> <td>2025425C1</td> <td>-</td> </tr> <tr> <td>C#</td> <td>K92-GD</td> <td>10</td> <td>WH</td> <td>1667737C1</td> <td>-</td> </tr> <tr> <td>C@</td> <td>K97-GH</td> <td>10</td> <td>WH</td> <td>2025425C1</td> <td>1667735C1</td> </tr> </tbody> </table> </div>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K97-GA	10	WH	2025425C1	1667735C1	A#	PLUG	-	-	1675751C1	-	B*	K92-G	10	GY	2025425C1	1667735C1	B*	K11-GAM	12	WH	2025424C1	1671603C1	C	K97-GC	10	WH	2025425C1	-	C#	K92-GD	10	WH	1667737C1	-	C@	K97-GH	10	WH	2025425C1	1667735C1	<div style="text-align: center;">  <p>BATTERY ECM POSITIVE (9261) (LOCATED AT LEFT SIDE OF ENGINE)</p> <p>CONNECTOR 1667733C1 #1667732C1 BODY LOCK 1667734C1</p> <table border="1" style="width: 100%; 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>K97AA</td> <td>10</td> <td>RD</td> <td>1667737C1</td> <td>-</td> </tr> <tr> <td>A#</td> <td>K97AA</td> <td>10</td> <td>RD</td> <td>2025425C1</td> <td>-</td> </tr> <tr> <td>B*</td> <td>K92B110</td> <td>10</td> <td>PK</td> <td>1667737C1</td> <td>-</td> </tr> <tr> <td>B*</td> <td>K92D170</td> <td>10</td> <td>PK</td> <td>1667737C1</td> <td>-</td> </tr> <tr> <td>B*</td> <td>K14AW</td> <td>12</td> <td>RD</td> <td>1667737C1</td> <td>-</td> </tr> <tr> <td>B#*</td> <td>K92B110</td> <td>10</td> <td>PK</td> <td>2025425C1</td> <td>-</td> </tr> <tr> <td>B#*</td> <td>K92D170</td> <td>10</td> <td>PK</td> <td>2025425C1</td> <td>-</td> </tr> <tr> <td>C</td> <td>K97H</td> <td>10</td> <td>RD</td> <td>1667737C1</td> <td>-</td> </tr> </tbody> </table> </div>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K97AA	10	RD	1667737C1	-	A#	K97AA	10	RD	2025425C1	-	B*	K92B110	10	PK	1667737C1	-	B*	K92D170	10	PK	1667737C1	-	B*	K14AW	12	RD	1667737C1	-	B#*	K92B110	10	PK	2025425C1	-	B#*	K92D170	10	PK	2025425C1	-	C	K97H	10	RD	1667737C1	-
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																																								
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C	K97H	10	RD	1667737C1	-																																																																																																								
<p>BATT RADIO NEGATIVE CONN (9263F) (LOCATED NEAR IP HARNESS)</p> <div style="text-align: center;">  </div> <p>CONNECTOR 1669834C1 BODY LOCK 1675053C1</p> <table border="1" style="width: 100%; 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>K14-GD</td> <td>10</td> <td>WH</td> <td>1687848C1</td> <td>0589390C1</td> </tr> <tr> <td>A</td> <td>K14-G</td> <td>12</td> <td>WH</td> <td>2033912C1</td> <td>0589391C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K14-GD	10	WH	1687848C1	0589390C1	A	K14-G	12	WH	2033912C1	0589391C1	<table border="1" style="width: 100%; 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>N14BC</td> <td>10</td> <td>RD</td> <td>1687848C1</td> <td>0589390C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N14BC	10	RD	1687848C1	0589390C1																																																																								
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																																								
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<p>2 WAY RADIO POSITIVE CONN (9264F) (LOCATED NEAR IP HARNESS)</p> <div style="text-align: center;">  </div> <p>CONNECTOR 1669834C1 BODY LOCK 1675053C1</p>				<table border="1" style="width: 100%; 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>N14BC</td> <td>10</td> <td>RD</td> <td>1687848C1</td> <td>0589390C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N14BC	10	RD	1687848C1	0589390C1																																																																																										
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SEAL P/W AT R/D 9260.					RELEASE NO.	DATE	PART NO.																																																																																																						
					61229V	08JUN09	AE08058187 120																																																																																																						

Figure 766 Connector Composites (9260), (9261), (9263F), (9264F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

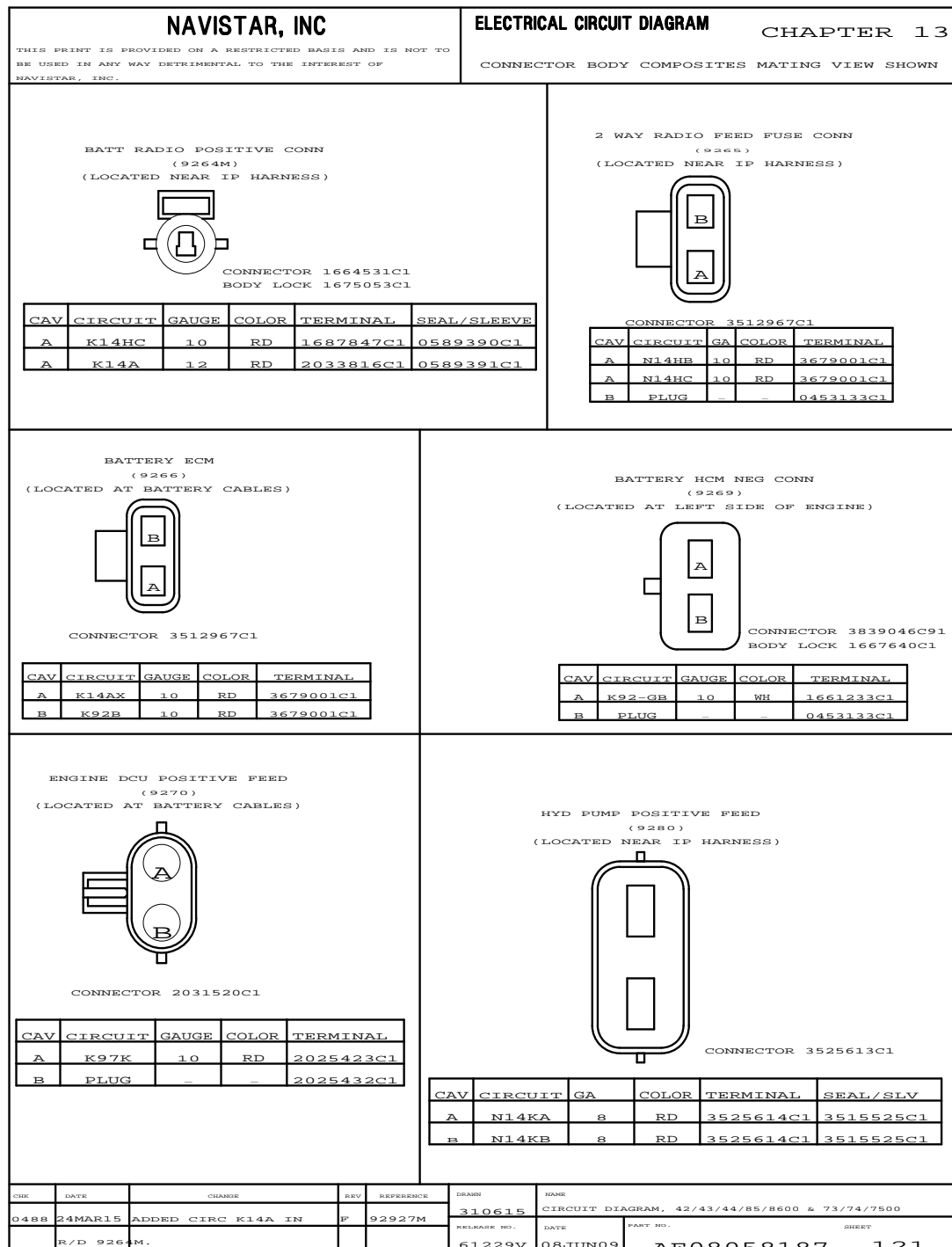
13.250. CONNECTOR COMPOSITES (9264M), (9265), (9266), (9269), (9270), (9280),
P. 121

Figure 767 Connector Composites (9264M), (9265), (9266), (9269), (9270), (9280)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.251. CONNECTOR COMPOSITES (9300), P. 122

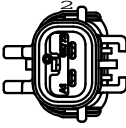
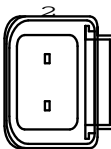
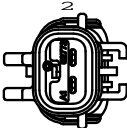
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13																																		
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																							
<div style="display: flex; justify-content: space-between;"><div style="width: 48%;"><p style="text-align: center;">CENTER/FORWARD CHASSIS HARNESS CONNECTION (9300) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)</p><div style="text-align: center;"> 1 CONNECTOR 3924162C1</div><table border="1" style="margin: 10px 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>N39B</td><td>16</td><td>GY</td><td>3618273C1</td></tr><tr><td>2</td><td>N39-GB</td><td>16</td><td>WH</td><td>3618273C1</td></tr></tbody></table></div><div style="width: 48%;"><p style="text-align: center;">FORWARD/CENTER CHASSIS HARNESS CONNECTION (9300) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)</p><div style="text-align: center;"> 1 CONNECTOR 3626436C1</div><table border="1" style="margin: 10px 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>M39B</td><td>16</td><td>GY</td><td>3613770C1</td></tr><tr><td>2</td><td>M39-GB</td><td>16</td><td>WH</td><td>3613770C1</td></tr></tbody></table></div></div>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	N39B	16	GY	3618273C1	2	N39-GB	16	WH	3618273C1	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	M39B	16	GY	3613770C1	2	M39-GB	16	WH	3613770C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																								
1	N39B	16	GY	3618273C1																																								
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		REVISED AND REDRAWN.	E	92674A	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																						
					RELEASE NO.	DATE	PART NO.	SHEET																																				
					61229V	08JUN09	AE08058187	122																																				

Figure 768 Connector Composites (9300)

13.252. CONNECTOR COMPOSITES (9300), P. 123

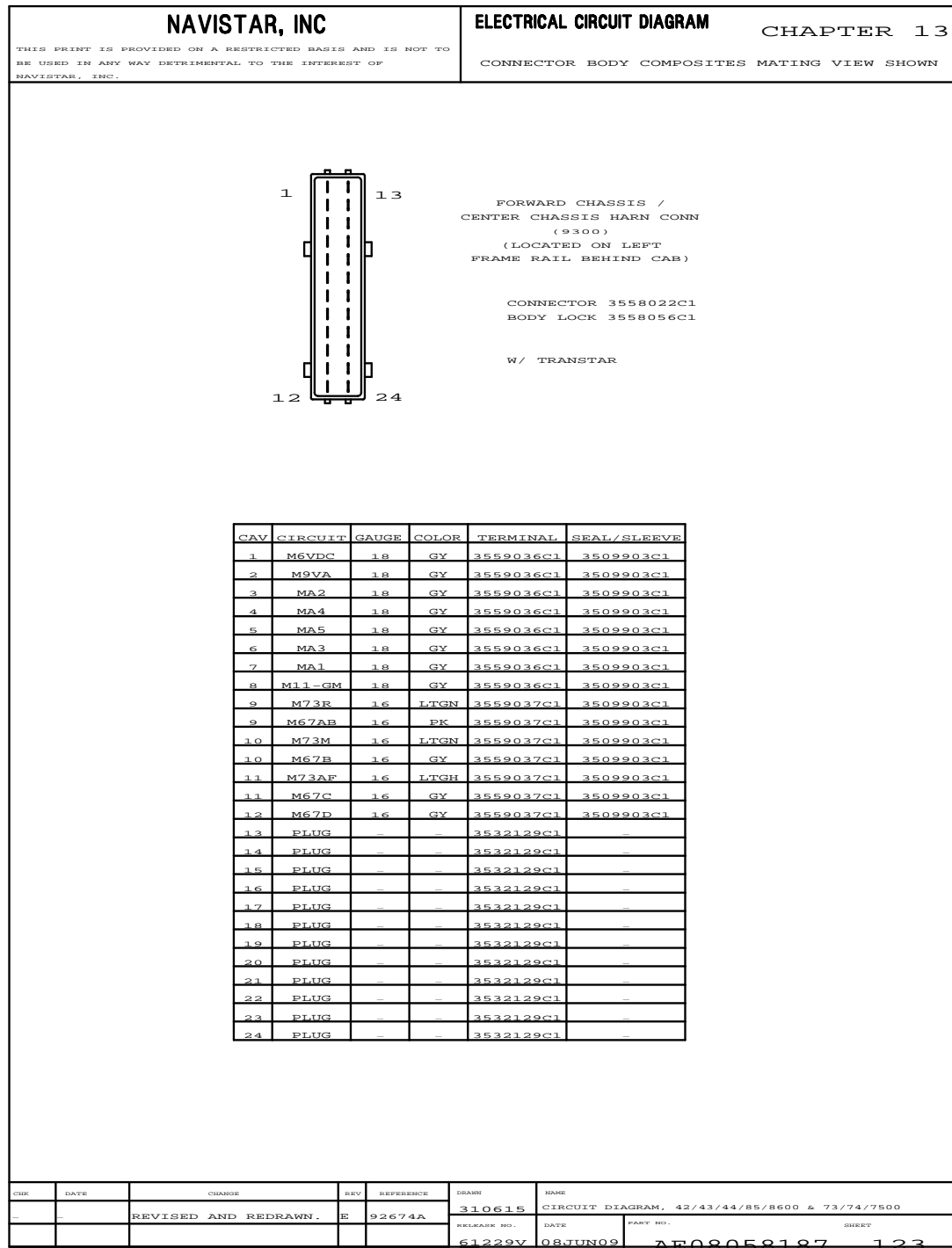


Figure 769 Connector Composites (9300)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.253. CONNECTOR COMPOSITES (9300), P. 124

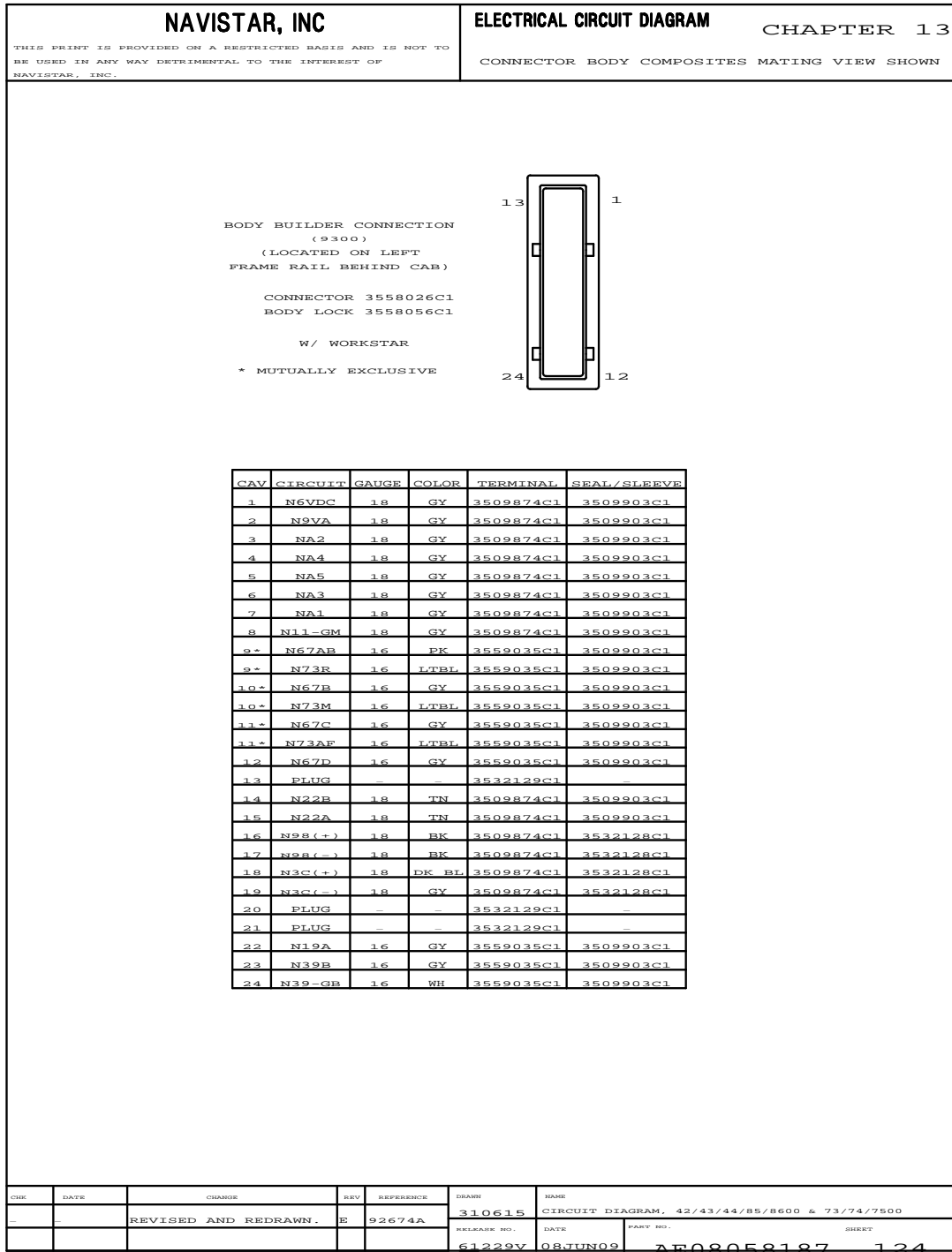


Figure 770 Connector Composites (9300)

13.254. CONNECTOR COMPOSITES (9301), (9303A), (9303D), P. 125

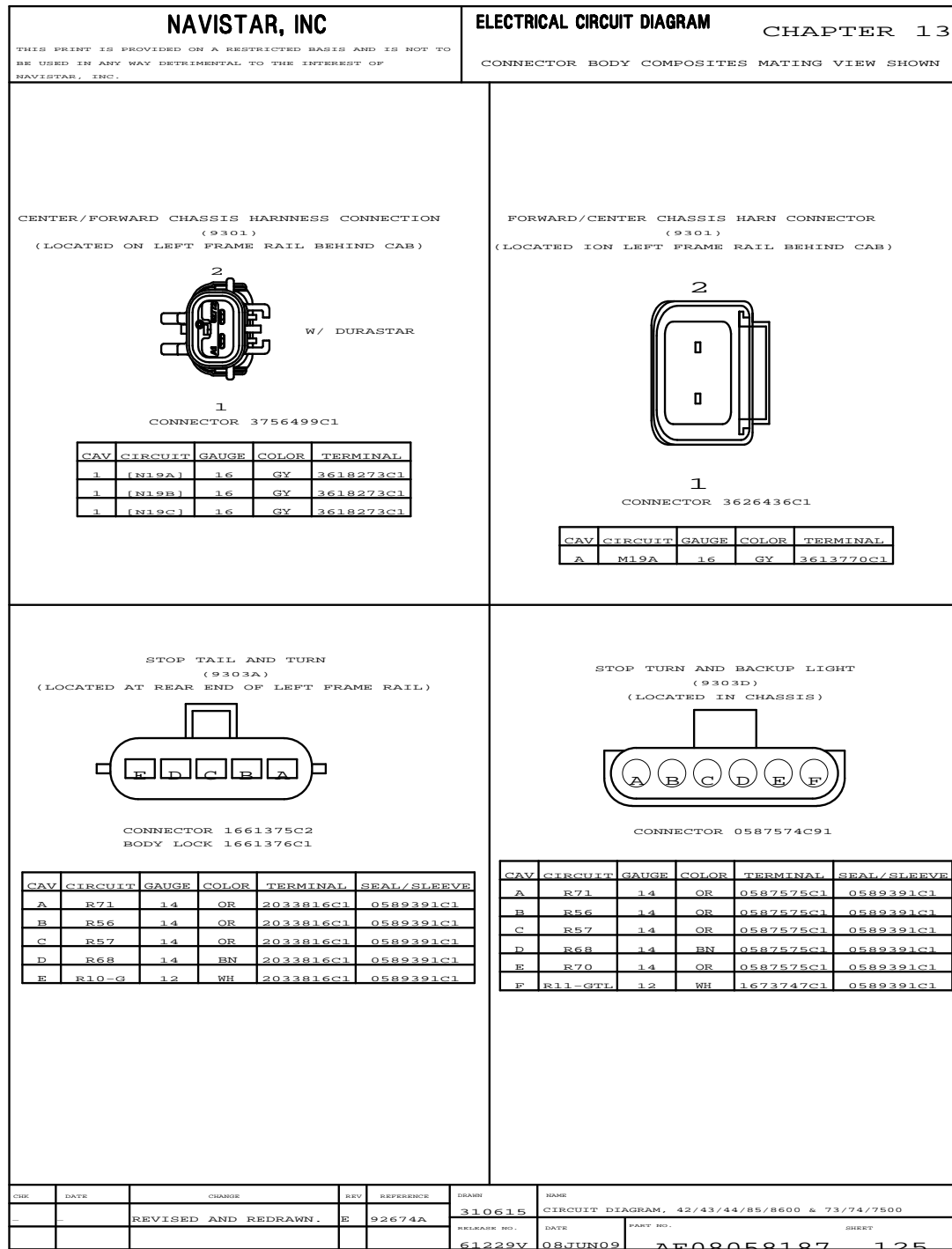


Figure 771 Connector Composites (9301), (9303A), (9303D)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.255. CONNECTOR COMPOSITES (9310), (9311), (9315), (9316), (9357), P. 126

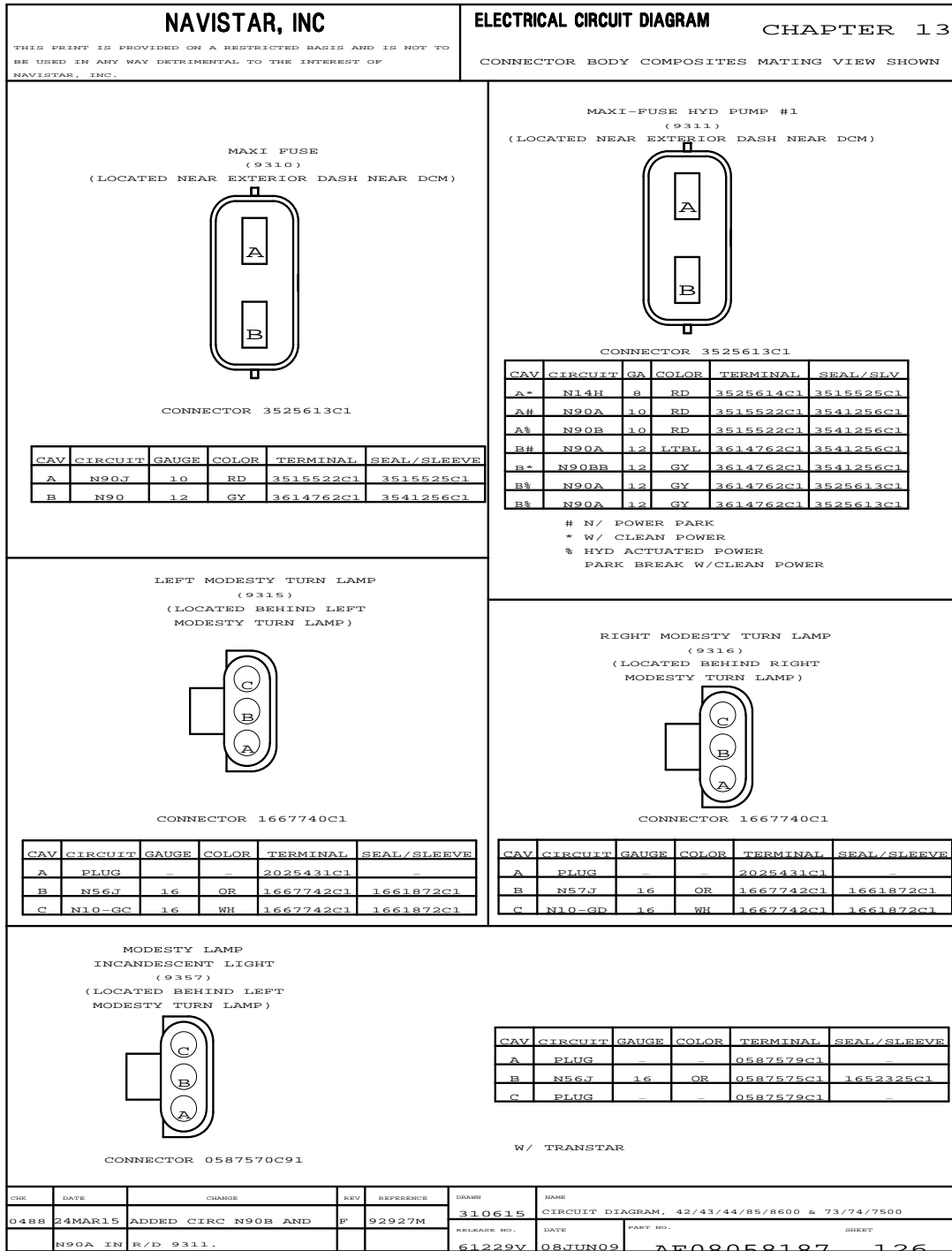


Figure 772 Connector Composites (9310), (9311), (9315), (9316), (9357)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.256. CONNECTOR COMPOSITES (9501), (9501A), (9502), (9502A), P. 127




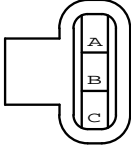
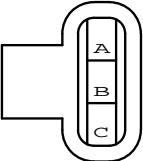
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13																																																																																								
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<p style="text-align: center;">LEFT WHEEL SPEED SENSOR (9501) (LOCATED ON LEFT FRAME RAIL BY REAR AXLE)</p>  <p>CONNECTOR 1684261C1 % W/ BENDIX BODY LOCK 1684263C1 AIR ABS 6S/6M * W/ BENDIX AIR ABS</p> <table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1*</td><td>R94A</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>1%</td><td>R94G</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>2*</td><td>R94B</td><td>16</td><td>OR</td><td>1680205C1</td></tr> <tr><td>2%</td><td>R94H</td><td>16</td><td>OR</td><td>1680205C1</td></tr> <tr><td>2%</td><td>R94B</td><td>16</td><td>GY</td><td>1680205C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1*	R94A	16	GY	1680205C1	1%	R94G	16	GY	1680205C1	2*	R94B	16	OR	1680205C1	2%	R94H	16	OR	1680205C1	2%	R94B	16	GY	1680205C1	<p style="text-align: center;">FR LEFT WHEEL SPEED SENSOR (9501A) (LOCATED IN CHASSIS) CONNECTOR 1684261C1 BODY LOCK 1684263C1</p>  <table border="1" style="width: 100%; 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>R94LEA</td><td>16</td><td>GY</td><td>3549417C1</td></tr> <tr><td>1</td><td>R94LEA</td><td>16</td><td>GY</td><td>3549417C1</td></tr> <tr><td>2</td><td>R94LDA</td><td>16</td><td>GY</td><td>3549417C1</td></tr> <tr><td>2</td><td>R94LDA</td><td>16</td><td>GY</td><td>3549417C1</td></tr> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94LEA	16	GY	3549417C1	1	R94LEA	16	GY	3549417C1	2	R94LDA	16	GY	3549417C1	2	R94LDA	16	GY	3549417C1																													
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																														
1*	R94A	16	GY	1680205C1																																																																																														
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																														
1	R94LEA	16	GY	3549417C1																																																																																														
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2	R94LDA	16	GY	3549417C1																																																																																														
2	R94LDA	16	GY	3549417C1																																																																																														
<p style="text-align: center;">RR LEFT WHEEL SPEED SENSOR (9501A) (LOCATED IN CHASSIS) CONNECTOR 1684261C1 BODY LOCK 1684263C1</p>  <table border="1" style="width: 100%; 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>R94P</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>2</td><td>R94Q</td><td>16</td><td>GY</td><td>1680205C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94P	16	GY	1680205C1	2	R94Q	16	GY	1680205C1	<p style="text-align: center;">LEFT MODULATOR (9502) (LOCATED ON LEFT FRAME RAIL BY REAR AXLE) CONNECTOR 1686834C1 BODY LOCK 1664408C1</p>  <p>* BENDIX AIR ABS W/ TRACTION CONTROL % BENDIX AIR ABS 6S/6M W/ ATC # BENDIX AIR ABS 6S/6M W/ TRIDEM</p>																																																																														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																														
1	R94P	16	GY	1680205C1																																																																																														
2	R94Q	16	GY	1680205C1																																																																																														
<p style="text-align: center;">RR LEFT MODULATOR (9502A) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE) CONNECTOR 1686834C1 BODY LOCK 1664408C1</p>  <table border="1" style="width: 100%; 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>R94LA</td><td>16</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>R94LB</td><td>16</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>R94LC</td><td>16</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94LA	16	GY	2033819C1	1652325C1	B	R94LB	16	GY	2033819C1	1652325C1	C	R94LC	16	GY	2033819C1	1652325C1	<table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A*</td><td>R94E</td><td>16</td><td>BK</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>A%</td><td>R94F</td><td>16</td><td>BK</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>A#</td><td>R94E</td><td>16</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B*</td><td>R94F</td><td>16</td><td>RD</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B#</td><td>R94F</td><td>16</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B%</td><td>R94E</td><td>16</td><td>RD</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>C*</td><td>R94H</td><td>16</td><td>BN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>C%</td><td>R94D</td><td>16</td><td>BN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>C#</td><td>R94H</td><td>16</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	R94E	16	BK	2033819C1	1652325C1	A%	R94F	16	BK	2033819C1	1652325C1	A#	R94E	16	GY	2033819C1	1652325C1	B*	R94F	16	RD	2033819C1	1652325C1	B#	R94F	16	GY	2033819C1	1652325C1	B%	R94E	16	RD	2033819C1	1652325C1	C*	R94H	16	BN	2033819C1	1652325C1	C%	R94D	16	BN	2033819C1	1652325C1	C#	R94H	16	GY	2033819C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																													
A	R94LA	16	GY	2033819C1	1652325C1																																																																																													
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A*	R94E	16	BK	2033819C1	1652325C1																																																																																													
A%	R94F	16	BK	2033819C1	1652325C1																																																																																													
A#	R94E	16	GY	2033819C1	1652325C1																																																																																													
B*	R94F	16	RD	2033819C1	1652325C1																																																																																													
B#	R94F	16	GY	2033819C1	1652325C1																																																																																													
B%	R94E	16	RD	2033819C1	1652325C1																																																																																													
C*	R94H	16	BN	2033819C1	1652325C1																																																																																													
C%	R94D	16	BN	2033819C1	1652325C1																																																																																													
C#	R94H	16	GY	2033819C1	1652325C1																																																																																													
CDS	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																												
0488	20NOV14	REVISED AND REDRAWN.	E	92674A	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																																												
					RELEASE NO.	DATE	PART NO.	SHEET																																																																																										
					61229V	08JUN09	AE08058187		127																																																																																									

Figure 773 Connector Composites (9501), (9501A), (9502), (9502A)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.257. CONNECTOR COMPOSITES (9503), (9503A), (9504), P. 128

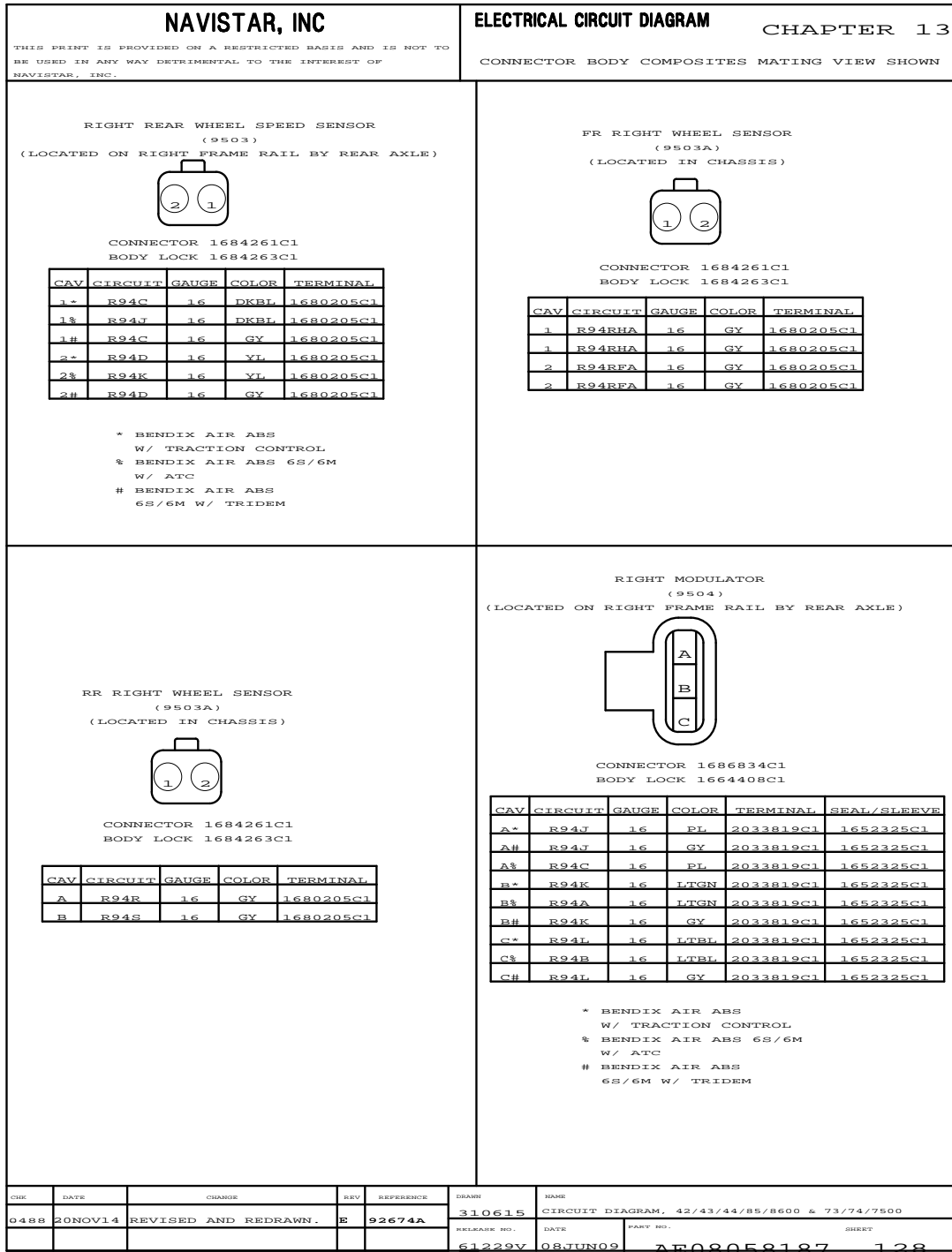


Figure 774 Connector Composites (9503), (9503A), (9504)

13.258. CONNECTOR COMPOSITES (9504A), (9505), (9506), P. 129

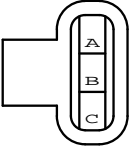
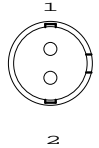
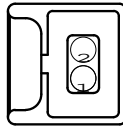
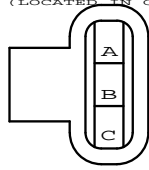
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<p>RR RIGHT MODULATOR (9504A) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>  <p>CONNECTOR 1686834C1 BODY LOCK 1664408C1</p> <table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R94RJ</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R94RK</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R94RL</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94RJ	16	GY	2033819C1	1652325C1	B	R94RK	16	GY	2033819C1	1652325C1	C	R94RL	16	GY	2033819C1	1652325C1	<p>WABCO RT RR WSS (9505) (LOCATED IN CHASSIS)</p>  <p>CONNECTOR 3519665C1</p> <table border="1" style="width: 100%; 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>R94P</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>R94R</td> <td>18</td> <td>BN</td> <td>ASSY</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94P	18	BK	ASSY	2	R94R	18	BN	ASSY			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																														
A	R94RJ	16	GY	2033819C1	1652325C1																																														
B	R94RK	16	GY	2033819C1	1652325C1																																														
C	R94RL	16	GY	2033819C1	1652325C1																																														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																															
1	R94P	18	BK	ASSY																																															
2	R94R	18	BN	ASSY																																															
<p>SUPPLY VALVE (9506) (LOCATED NEAR LEFT FRAME RAIL IN FRONT OF REAR AXLE)</p>  <p>CONNECTOR 3578644C1</p> <table border="1" style="width: 100%; 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>N44B</td> <td>18</td> <td>GY</td> <td>3509874C1</td> <td>3532128C1</td> </tr> <tr> <td>2</td> <td>N90E-G</td> <td>18</td> <td>WH</td> <td>3509874C1</td> <td>3509903C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	N44B	18	GY	3509874C1	3532128C1	2	N90E-G	18	WH	3509874C1	3509903C1	<p>5TH MODULATOR REAR REAR AXLE (9506) (LOCATED IN CHASSIS)</p>  <p>CONNECTOR 1686834C1</p> <table border="1" style="width: 100%; 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>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R94U</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R94V</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94T	16	GY	2033819C1	1652325C1	B	R94U	16	GY	2033819C1	1652325C1	C	R94V	16	GY	2033819C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																														
1	N44B	18	GY	3509874C1	3532128C1																																														
2	N90E-G	18	WH	3509874C1	3509903C1																																														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																														
A	R94T	16	GY	2033819C1	1652325C1																																														
B	R94U	16	GY	2033819C1	1652325C1																																														
C	R94V	16	GY	2033819C1	1652325C1																																														
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-	-	REVISED AND REDRAWN.	E	92674A	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																													
RELEASE NO.	DATE	PART NO.	SHEET																																																
61222V	08JUN09	AE08058187	129																																																

Figure 775 Connector Composites (9504A), (9505), (9506)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.259. CONNECTOR COMPOSITES (9510), (9510A), (9510B), P. 130

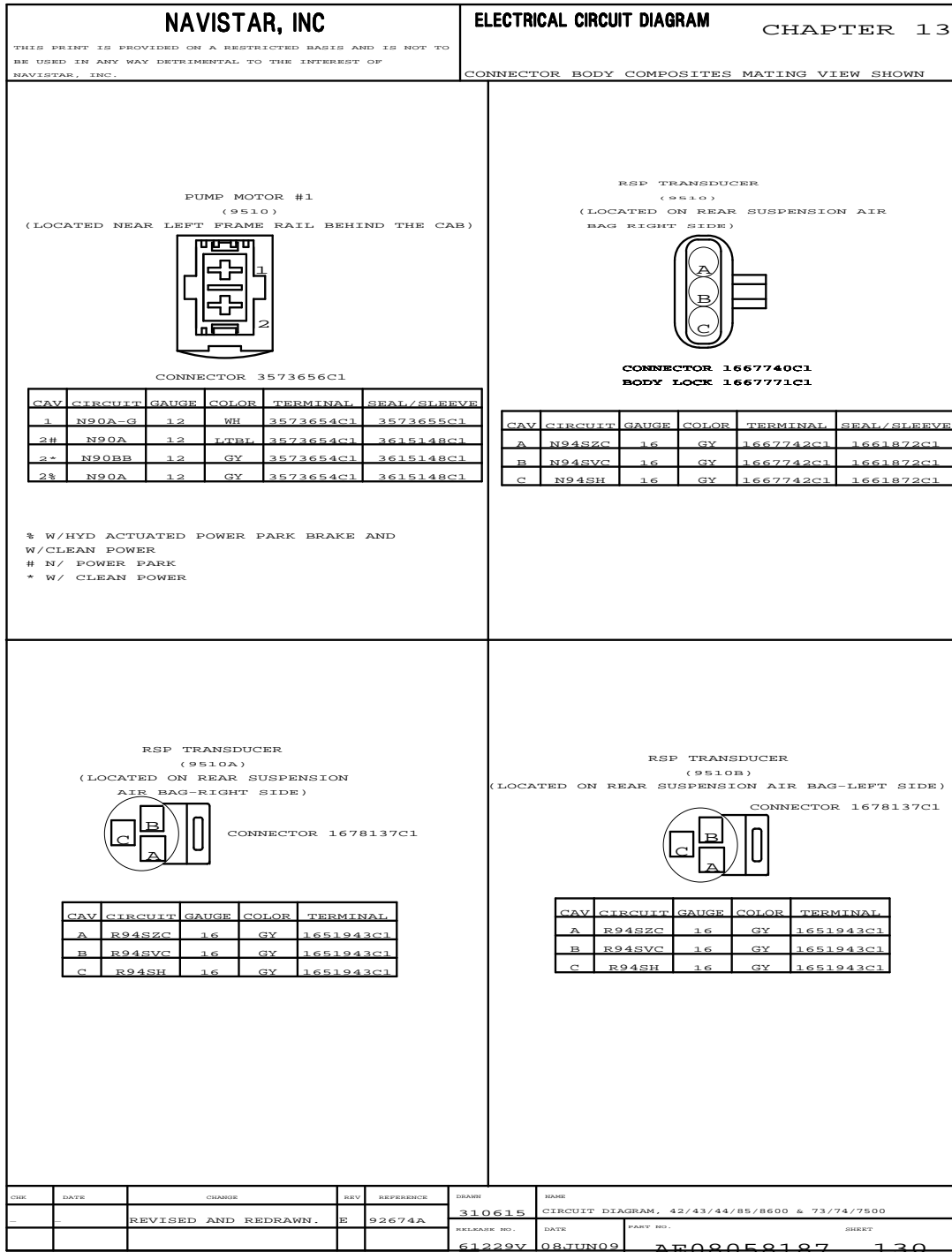


Figure 776 Connector Composites (9510), (9510A), (9510B)

13.260. CONNECTOR COMPOSITES (9510F), (9510H), (9510M), P. 131

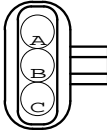
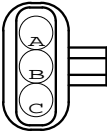

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<p>RSP TRANSDUCER (9510F) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)</p>  <p>CONNECTOR 1667740C1 BODY LOCK 1667771C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N94SZC</td> <td>16</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>N94SVC</td> <td>16</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>N94SH</td> <td>16</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> </tbody> </table>								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
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																										
<p>MD ABS ADV 3RD TRANSDUCER (9510H) (LOCATED IN CHASSIS)</p>  <p>CONNECTOR 1667740C1 BODY LOCK 1667771C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N94SZC</td> <td>18</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>N94SVC</td> <td>18</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>N94SH</td> <td>18</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> </tbody> </table>								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
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																										
<p>RSP TRANSDUCER (9510M) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)</p>  <p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R94SZC</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>R94SVC</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>R94SH</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>								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
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
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C	R94SH	16	GY	1661875C1	1661872C1																										
CHG	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	PART NO. SHEET																								
					62476L	20NOV09	AE08058187 131																								

Figure 777 Connector Composites (9510F), (9510H), (9510M)

13.262. CONNECTOR COMPOSITES (9511K), P. 133

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

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CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

HYD ABS MODULE CONN
@ (9511K)
(LOCATED IN CHASSIS)

CONNECTOR 3758273C1

CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV
1	N90A	10	GY	3592378C1	3592377C1
2	PLUG	-	-	-	-
3	PLUG	-	-	-	-
4	PLUG	-	-	-	-
5	PLUG	-	-	-	-
6	PLUG	-	-	-	-
7	PLUG	-	-	-	-
8	N90E	18	GY	3590850C1	N/A
9	PLUG	-	-	-	-
10	PLUG	-	-	-	-
11	PLUG	-	-	-	-
12	N5C(+)	18	YL	3590850C1	N/A
13	N5C(-)	18	GN	3590850C1	N/A
14	PLUG	-	-	-	-
15	PLUG	-	-	-	-
16	PLUG	-	-	-	-
17	PLUG	-	-	-	-
18	PLUG	-	-	-	-
19	PLUG	-	-	-	-
20	PLUG	-	-	-	-
21	PLUG	-	-	-	-
22	PLUG	-	-	-	-
23	PLUG	-	-	-	-
24	PLUG	-	-	-	-
25	PLUG	-	-	-	-
26	PLUG	-	-	-	-
27	PLUG	-	-	-	-
28	PLUG	-	-	-	-
29	PLUG	-	-	-	-
30	PLUG	-	-	-	-
31	PLUG	-	-	-	-
32	N94L	10	GY	3592378C1	3592377C1
33	N94B(-)	18	TN	3590850C1	N/A
34	N94B(+)	18	TN	3590850C1	N/A
35	PLUG	-	-	-	-
36	N94M(+)	18	TN	3590850C1	N/A
37	N94M(-)	18	TN	3590850C1	N/A
38	PLUG	-	-	-	-
39	PLUG	-	-	-	-
40	PLUG	-	-	-	-
41	PLUG	-	-	-	-
42	N94N(-)	18	TN	3590850C1	N/A
43	N94N(+)	18	TN	3590850C1	N/A
44	PLUG	-	-	-	-
45	N94L(+)	18	TN	3590850C1	N/A
46	N94L(-)	18	TN	3590850C1	N/A
47	N90-G	10	WH	3592378C1	3592376C1

@ W/ NEXT GEN HYDRAULIC BRAKES

CHG	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	RELEASE NO.	DATE	PART NO.	SHEET
0488	20NOV14	REVISED AND REDRAWN.	D	92674A	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500				
					92055Y	30MAY13			AE08058187	133

Figure 779 Connector Composites (9511K)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.263. CONNECTOR COMPOSITES (9512), (9512A), (9512C), (9513), (9513A), (9513B), P. 134

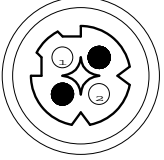
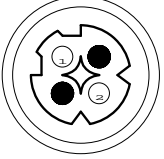
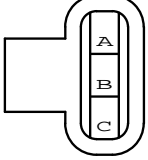
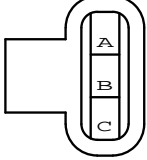
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																			
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">BENDIX TTC / SS ABS ADV ATR VALVE (9512 / 9512C) (LOCATED IN CHASSIS)</p>  <p style="text-align: center;">CONNECTOR 3678796C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; 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>N94SJ</td> <td>16</td> <td>GY</td> <td>3679224C1</td> <td>3601687C1</td> </tr> <tr> <td>1#</td> <td>N94SJ</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3601687C1</td> </tr> <tr> <td>2*</td> <td>N94SK</td> <td>16</td> <td>GY</td> <td>3679224C1</td> <td>3601687C1</td> </tr> <tr> <td>2#</td> <td>N94SK</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3601687C1</td> </tr> </tbody> </table> <p style="font-size: x-small;">* BENDIX ADV AIR ABS W/RH W/ATC (4*2,4*4) # BENDIX ADV ABS W/STANDARD (6*4)</p> </div> </div>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1*	N94SJ	16	GY	3679224C1	3601687C1	1#	N94SJ	18	GY	3601686C1	3601687C1	2*	N94SK	16	GY	3679224C1	3601687C1	2#	N94SK	18	GY	3601686C1	3601687C1																		
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1*	N94SJ	16	GY	3679224C1	3601687C1																																																		
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2*	N94SK	16	GY	3679224C1	3601687C1																																																		
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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">MD LSM AIR VALVE (9512A) (LOCATED IN CHASSIS)</p>  <p style="text-align: center;">CONNECTOR 3678796C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; 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>N94SJ</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3601687C1</td> </tr> <tr> <td>2</td> <td>N94SK</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3601687C1</td> </tr> </tbody> </table> </div> </div>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	N94SJ	18	GY	3601686C1	3601687C1	2	N94SK	18	GY	3601686C1	3601687C1																														
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1	N94SJ	18	GY	3601686C1	3601687C1																																																		
2	N94SK	18	GY	3601686C1	3601687C1																																																		
<p style="text-align: center;">TRAILER MODULATOR (9513) (LOCATED IN CHASSIS)</p>  <p style="text-align: center;">W/ TRANSTAR</p> <p style="text-align: center;">CONNECTOR 1686834C1 BODY LOCK 1664408C1</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>N94SM</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N94SN</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>N94SL</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N94SM	16	GY	2033819C1	1652325C1	B	N94SN	16	GY	2033819C1	1652325C1	C	N94SL	16	GY	2033819C1	1652325C1	<p style="text-align: center;">MD RSM 5TH MABULATOR (9513A/9513B) (LOCATED IN CHASSIS)</p>  <p style="text-align: center;">W/ WORKSTAR</p> <p style="text-align: center;">CONNECTOR 1686834C1 BODY LOCK 1664408C1</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>N94SM</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N94SN</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>N94SL</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N94SM	18	GY	2033819C1	1652325C1	B	N94SN	18	GY	2033819C1	1652325C1	C	N94SL	18	GY	2033819C1	1652325C1
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CHK	DATE	CHANGE	REV	REFERENCE	DRWN	NAME																																																	
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				RELEASE NO.	DATE	PART NO.																																																	
				92055X	30MAY13	AE08058187																																																	

Figure 780 Connector Composites (9512), (9512A), (9512C), (9513), (9513A), (9513B)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.264. CONNECTOR COMPOSITES (9514), (9514D), (9514F), (9516), (9516M), P. 135

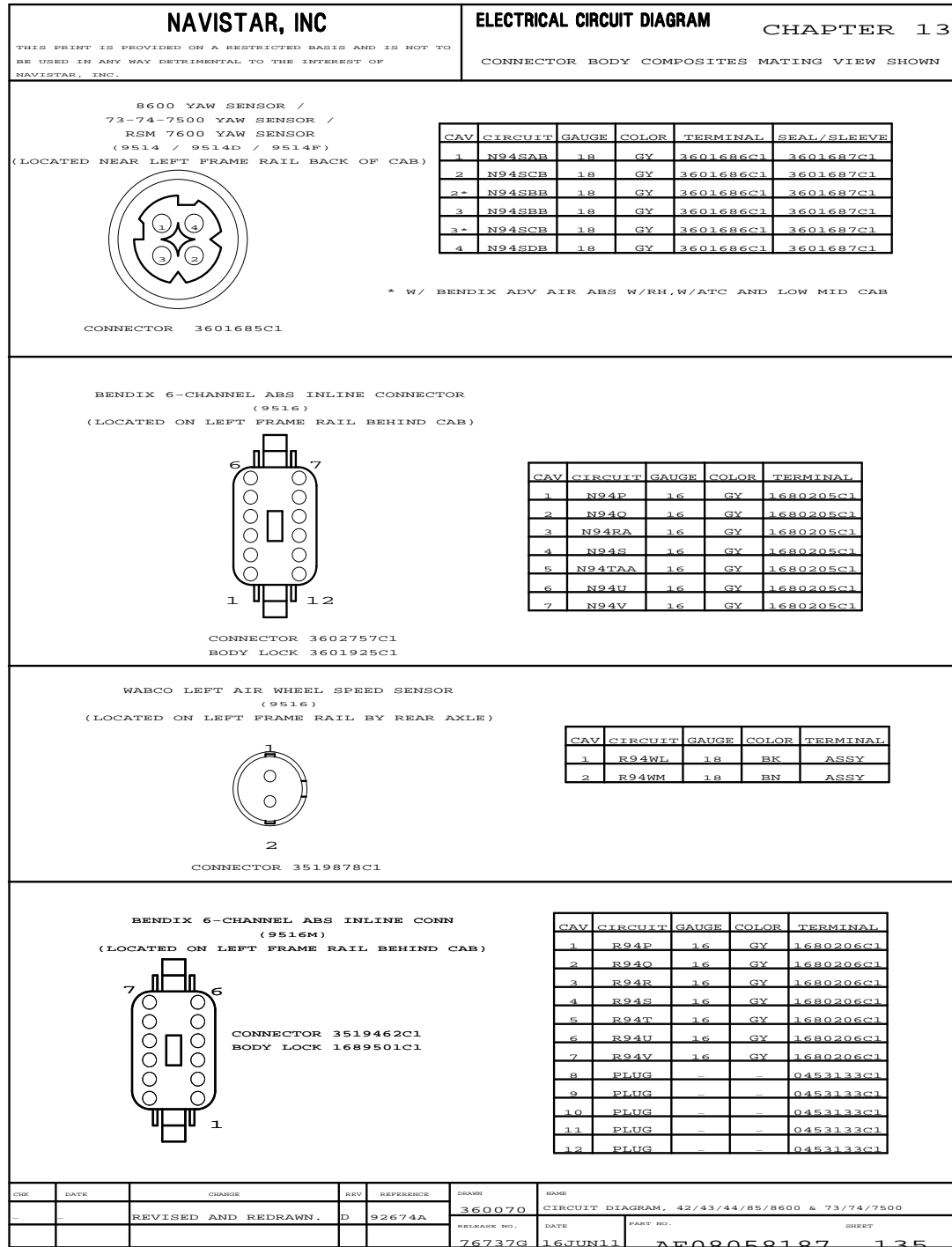


Figure 781 Connector Composites (9514), (9514D), (9514F), (9516), (9516M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.265. CONNECTOR COMPOSITES (9517), (9518), (9519), (9520), (9521), P. 136

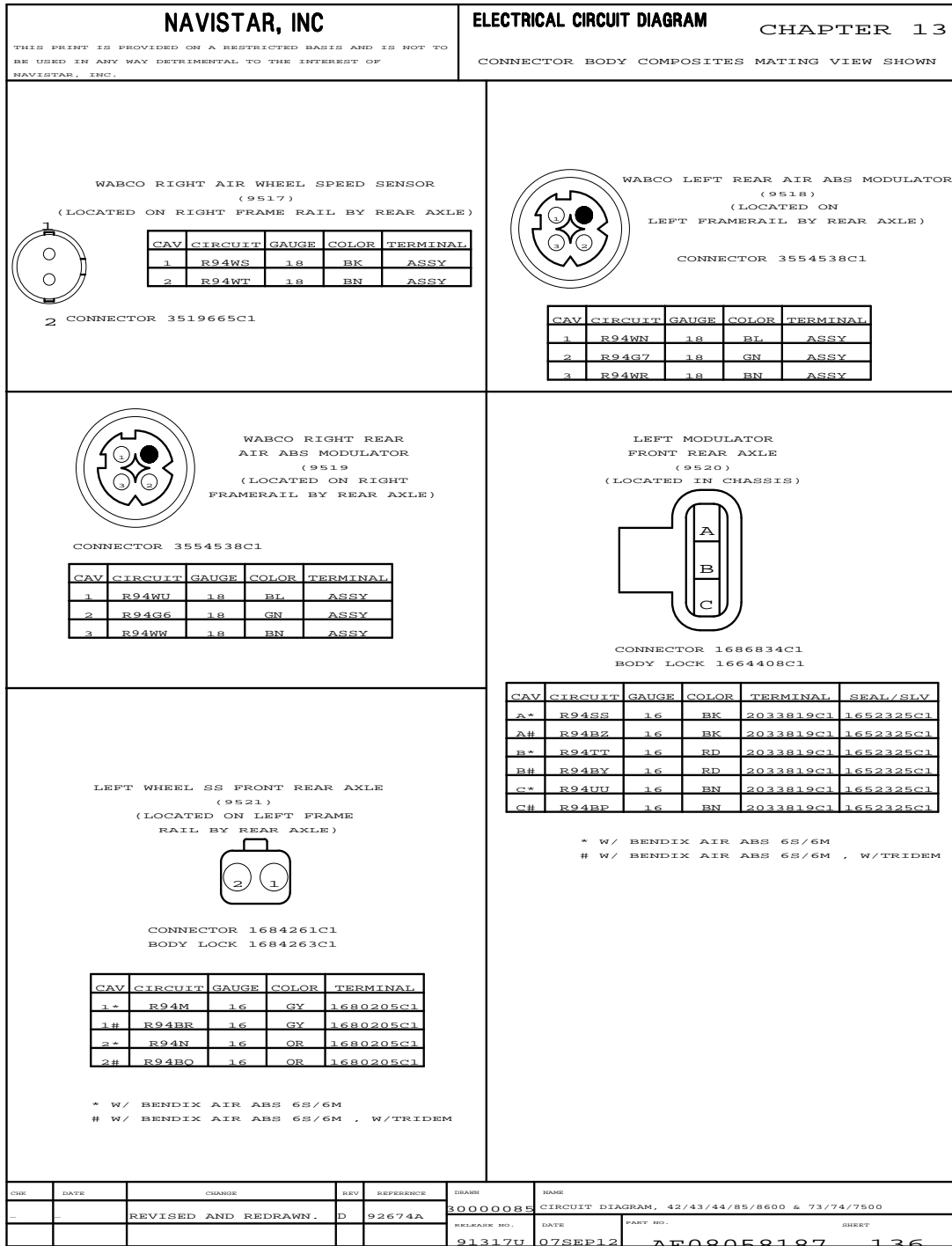


Figure 782 Connector Composites (9517), (9518), (9519), (9520), (9521)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.266. CONNECTOR COMPOSITES (9522), (9523), (9524), P. 137

NAVISTAR, INC

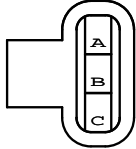
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ELECTRICAL CIRCUIT DIAGRAM

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

CHAPTER 13

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)

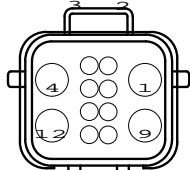


CONNECTOR 1684261C1
BODY LOCK 1684263C1

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*	R94T	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.
						AE08058187
						SHEET
						137

Figure 783 Connector Composites (9522), (9523), (9524)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.267. CONNECTOR COMPOSITES (9524), (9530), P. 138

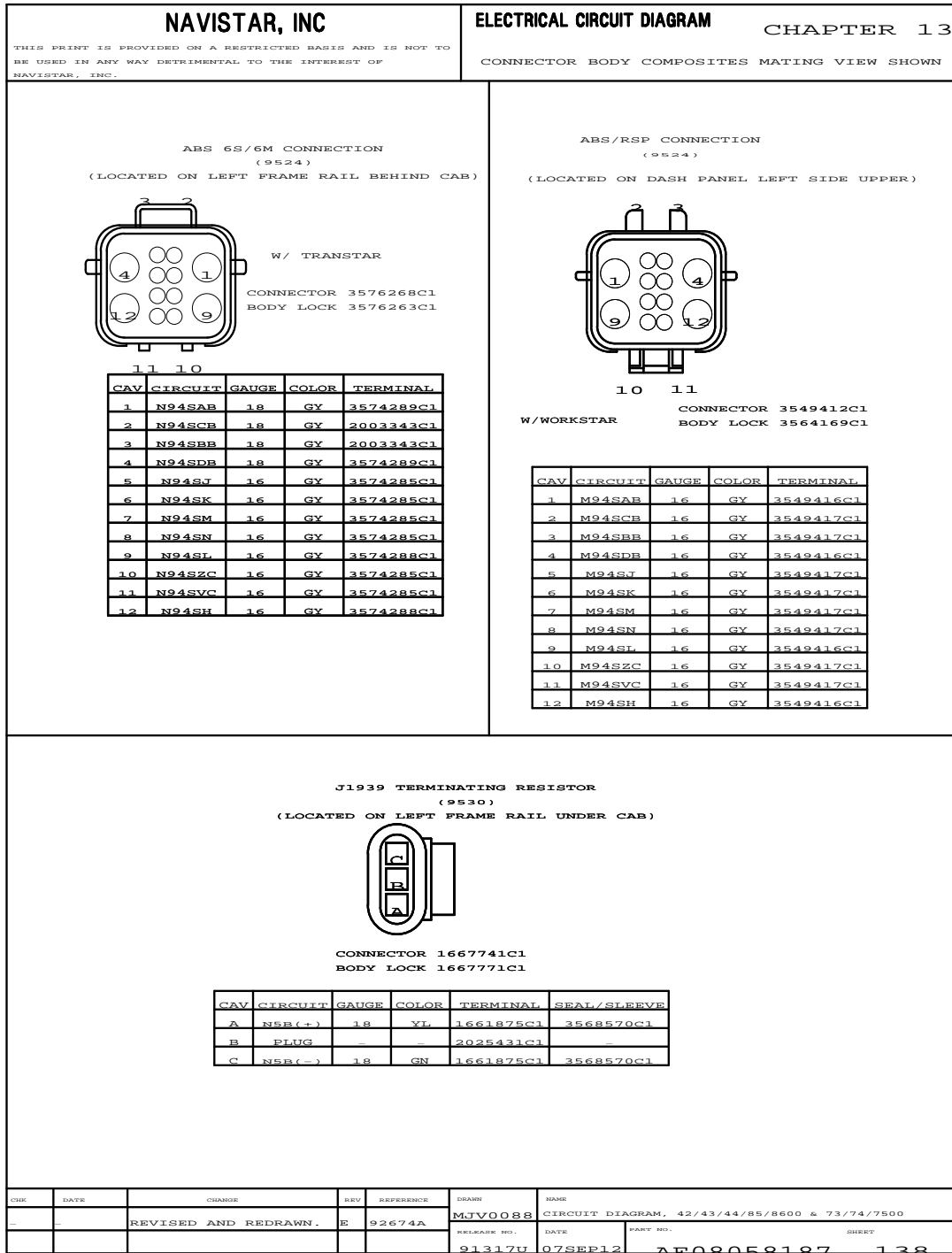


Figure 784 Connector Composites (9524), (9530)

13.268. CONNECTOR COMPOSITES (9531F), (9531M), (9532F), P. 139

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

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CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

BENDIX 6S/6M
ABS CONN
(9531F)
(LOCATED ON LEFT FRAME RAIL UNDER CAB)

CONNECTOR 1689499C1
BODY LOCK 1689501C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	M94BP	16	GY	1680206C1
2	M94BY	16	GY	1680206C1
3	M94BZ	16	GY	1680206C1
4	M94BT	16	GY	1680206C1
5	M94BU	16	GY	1680206C1
6	M94BS	16	GY	1680206C1
7	M94BR	16	GY	1680206C1
8	M94BQ	16	GY	1680206C1
9	M94BW	16	GY	1680206C1
10	M94BV	16	GY	1680206C1
11	PLUG	-	-	0453133C1
12	PLUG	-	-	0453133C1

BENDIX 6S/6M
ABS CONN
(9531M)
(LOCATED ON LEFT FRAME RAIL UNDER CAB)

CONNECTOR 3601924C1
BODY LOCK 3601925C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	N94BP	16	GY	1680205C1
2	N94BY	16	GY	1680205C1
3	N94BZ	16	GY	1680205C1
4	N94BT	16	GY	1680205C1
5	N94BU	16	GY	1680205C1
6	N94BS	16	GY	1680205C1
7	N94BR	16	GY	1680205C1
8	N94BQ	16	GY	1680205C1
9	N94BW	16	GY	1680205C1
10	N94BV	16	GY	1680205C1
11	PLUG	-	-	0453133C1
12	PLUG	-	-	0453133C1

BENDIX 6 - CHANNEL
ABS CONN
(9532F)
(LOCATED ON LEFT FRAME RAIL UNDER CAB)

CONNECTOR 1689499C1
BODY LOCK 1689501C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	N94BP	16	GY	1680206C1
2	N94BY	16	GY	1680206C1
3	N94BZ	16	GY	1680206C1
4	N94BT	16	GY	1680206C1
5	N94BU	16	GY	1680206C1
6	N94BS	16	GY	1680206C1
7	N94BR	16	GY	1680206C1
8	N94BQ	16	GY	1680206C1
9	N94BW	16	GY	1680206C1
10	N94BV	16	GY	1680206C1
11	PLUG	-	-	0453133C1
12	PLUG	-	-	0453133C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
-	-	REVISED AND REDRAWN.	D	92674A	U021681	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					91317U	09OCT12
						PART NO.
						AE08058187
						SHEET
						139

Figure 785 Connector Composites (9531F), (9531M), (9532F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.269. CONNECTOR COMPOSITES (9532M), (9533F), P. 140

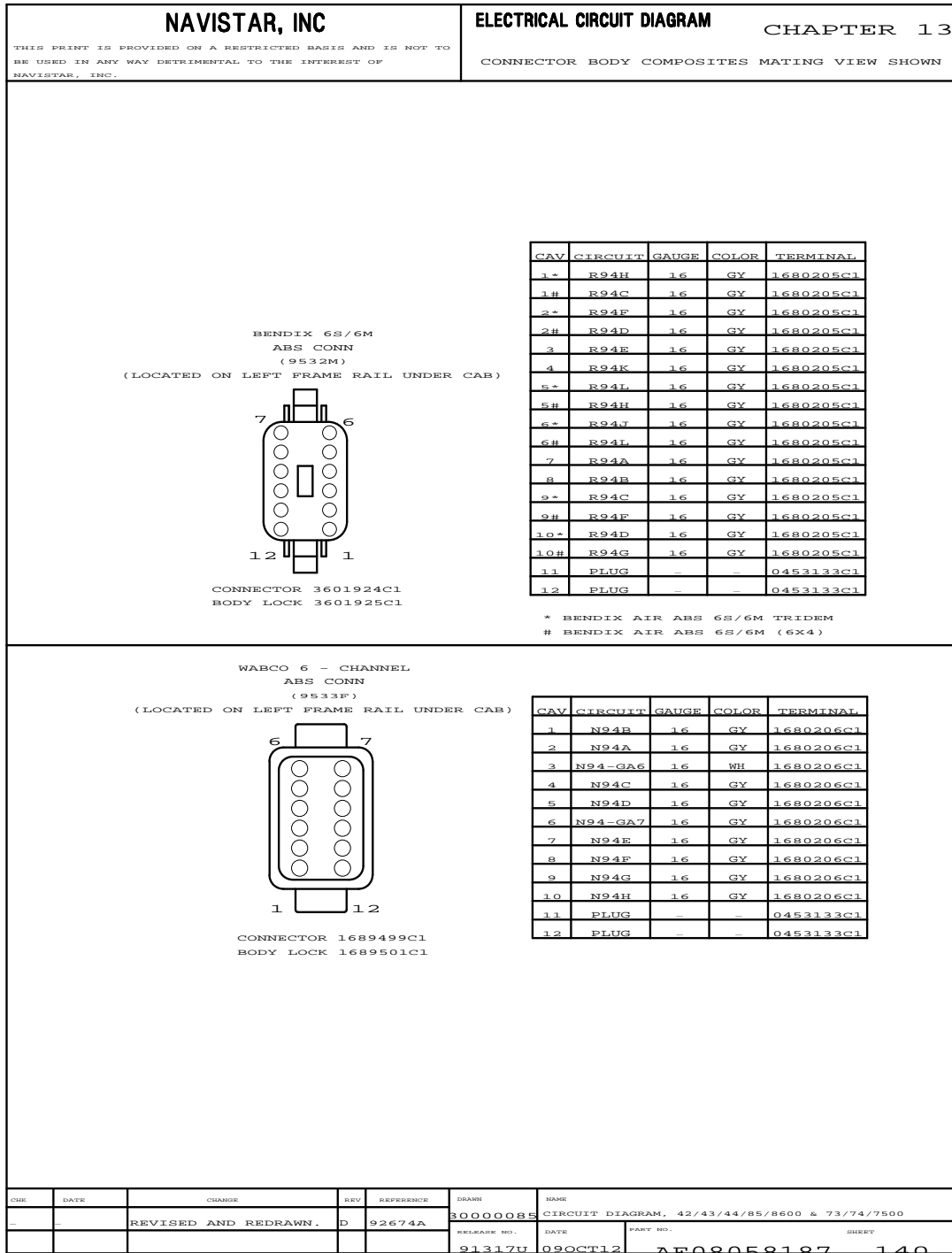


Figure 786 Connector Composites (9532M), (9533F)

13.270. CONNECTOR COMPOSITES (9559), (9560), (9561), (9562), P. 141



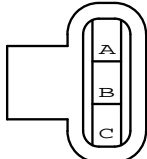
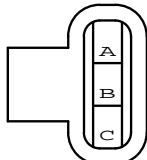
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13																												
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																	
<p>BENDIX L RR REAR WHL SPEED SNSR (HTB) (9559) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94A</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>R94B</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> </tbody> </table> </div> <p style="text-align: center; font-size: x-small;">CONNECTOR 1684261C1 BODY LOCK 1684263C1</p>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94A	16	GY	1680205C1	2	R94B	16	GY	1680205C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																		
1	R94A	16	GY	1680205C1																																		
2	R94B	16	GY	1680205C1																																		
<p>BENDIX R RR REAR WHL SPEED SNSR (HTB) (9560) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94F</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>R94G</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> </tbody> </table> </div> <p style="text-align: center; font-size: x-small;">CONNECTOR 1684261C1 BODY LOCK 1684263C1</p>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94F	16	GY	1680205C1	2	R94G	16	GY	1680205C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																		
1	R94F	16	GY	1680205C1																																		
2	R94G	16	GY	1680205C1																																		
<p>BENDIX R RR REAR MODULATOR (HTB) (9561) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R94L</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R94K</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R94H</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> </div> <p style="text-align: center; font-size: x-small;">CONNECTOR 1686834C1 BODY LOCK 1664408C1</p>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	A	R94L	16	GY	2033819C1	1652325C1	B	R94K	16	GY	2033819C1	1652325C1	C	R94H	16	GY	2033819C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV																																	
A	R94L	16	GY	2033819C1	1652325C1																																	
B	R94K	16	GY	2033819C1	1652325C1																																	
C	R94H	16	GY	2033819C1	1652325C1																																	
<p>BENDIX R FR REAR MODULATOR (HTB) (9562) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R94T</td> <td>16</td> <td>PL</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R94U</td> <td>16</td> <td>LTGN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R94V</td> <td>16</td> <td>LTBL</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> </div> <p style="text-align: center; font-size: x-small;">CONNECTOR 1686834C1 BODY LOCK 1664408C1</p>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94T	16	PL	2033819C1	1652325C1	B	R94U	16	LTGN	2033819C1	1652325C1	C	R94V	16	LTBL	2033819C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																	
A	R94T	16	PL	2033819C1	1652325C1																																	
B	R94U	16	LTGN	2033819C1	1652325C1																																	
C	R94V	16	LTBL	2033819C1	1652325C1																																	
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																
0488	25JUN14	REVISED AND REDRAWN.	C	92603H	30000085	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																
					RELEASE NO.	DATE	PART NO.		SHEET																													
					91749M	03DEC12	AE08058187		141																													

Figure 787 Connector Composites (9559), (9560), (9561), (9562)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.271. CONNECTOR COMPOSITES (9540), (9540A), (9540B), (9541), P. 142


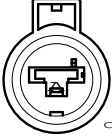
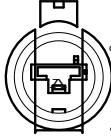
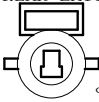


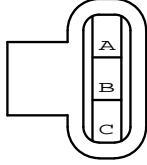
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																									
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BENDIX 6S/6M LEFT FRONT REAR ABS WHEEL SPEED SENSOR (9540) (LOCATED ON LEFT FRAME RAIL UNDER CAB)				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94R</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>R94S</td> <td>16</td> <td>OR</td> <td>1680205C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94R	16	GY	1680205C1	2	R94S	16	OR	1680205C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																											
1	R94R	16	GY	1680205C1																											
2	R94S	16	OR	1680205C1																											
 CONNECTOR 1684261C1 BODY LOCK 1684263C1																															
 BATTERY POSITIVE INTERCONNECT (9540) (LOCATED NEAR BATTERY CABLE)				 PUMP MOTOR BATTERY FEED (9540) (LOCATED NEAR BATTERY CABLE)																											
<table border="1" style="width: 100%; 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>N14KA</td> <td>8</td> <td>RD</td> <td>3700153C1</td> <td>3537135C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	A	N14KA	8	RD	3700153C1	3537135C1	<table border="1" style="width: 100%; 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>N14KA</td> <td>8</td> <td>RD</td> <td>3700154C1</td> <td>3537135C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	A	N14KA	8	RD	3700154C1	3537135C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV																										
A	N14KA	8	RD	3700153C1	3537135C1																										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV																										
A	N14KA	8	RD	3700154C1	3537135C1																										
BATTERY +VE INTERCONNECT (9540) (LOCATED NEAR BATTERY CABLE)				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N14KA1</td> <td>10</td> <td>RD</td> <td>1687847C1</td> <td>0589390C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	N14KA1	10	RD	1687847C1	0589390C1												
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																										
A	N14KA1	10	RD	1687847C1	0589390C1																										
 CONNECTOR 1664531C1 BODY LOCK 1675053C1																															
BENDIX LEFT FRONT REAR ABS WHEEL SPEED SENSOR (9540A) (LOCATED ON LEFT FRAME RAIL UNDER CAB)				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94R</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>R94S</td> <td>16</td> <td>OR</td> <td>1680205C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94R	16	GY	1680205C1	2	R94S	16	OR	1680205C1									
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BENDIX LEFT FRONT REAR ABS WHEEL SPEED SENSOR (9540B) (LOCATED ON LEFT FRAME RAIL UNDER CAB)				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94R</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>R94S</td> <td>16</td> <td>OR</td> <td>1680205C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94R	16	GY	1680205C1	2	R94S	16	OR	1680205C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																											
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2	R94S	16	OR	1680205C1																											
 CONNECTOR 1684261C1 BODY LOCK 1684263C1																															
BENDIX 6S/6M LEFT FRONT REAR AIR ABS MODULATOR (9541) (LOCATED ON LEFT FRAME RAIL UNDER CAB)				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R94M</td> <td>16</td> <td>BK</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R94N</td> <td>16</td> <td>RD</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R94P</td> <td>16</td> <td>BN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	A	R94M	16	BK	2033819C1	1652325C1	B	R94N	16	RD	2033819C1	1652325C1	C	R94P	16	BN	2033819C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV																										
A	R94M	16	BK	2033819C1	1652325C1																										
B	R94N	16	RD	2033819C1	1652325C1																										
C	R94P	16	BN	2033819C1	1652325C1																										
 CONNECTOR 1686834C1 BODY LOCK 1664408C1																															
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																									
0488	24MAR15	ADDED R/D 9540.	E	92927M	30000085	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																									
RELEASE NO.				DATE	PART NO.		SHEET																								
61229V				08JUN09	AE08058187		142																								

Figure 788 Connector Composites (9540), (9540A), (9540B), (9541)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.272. CONNECTOR COMPOSITES (9541A), (9541B), (9542), (9542A), (9542C), P. 143

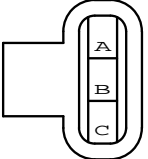
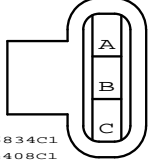



NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13																																																									
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Figure 789 Connector Composites (9541A), (9541B), (9542), (9542A), (9542C)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.273. CONNECTOR COMPOSITES (9543), (9543A), (9543C), (9544), (9546), (9547),
P. 144

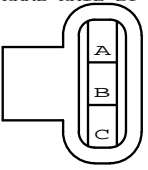
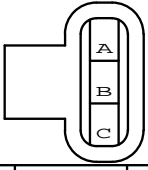
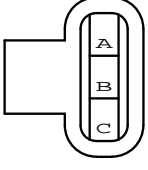


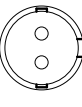
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Figure 790 Connector Composites (9543), (9543A), (9543C), (9544), (9546), (9547)

13.274. CONNECTOR COMPOSITES (9548), (9548A), (9549), (9549A), (9549B), P. 145

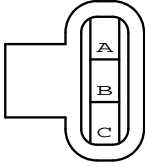
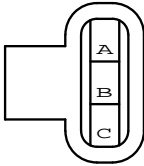



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				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R94E</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R94D</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R94C</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94E	16	GY	2033819C1	1652325C1	B	R94D	16	GY	2033819C1	1652325C1	C	R94C	16	GY	2033819C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
A	R94E	16	GY	2033819C1	1652325C1																										
B	R94D	16	GY	2033819C1	1652325C1																										
C	R94C	16	GY	2033819C1	1652325C1																										
CONNECTOR 1686834C1 BODY LOCK 1664408C1																															
BENDIX 6S/6M LEFT REAR REAR ABS WHEEL SPEED SENSOR (9549) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)																															
				<table border="1" style="width: 100%; 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>R94A</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>R94B</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94A	16	GY	1680205C1	2	R94B	16	GY	1680205C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																											
1	R94A	16	GY	1680205C1																											
2	R94B	16	GY	1680205C1																											
CONNECTOR 1684261C1 BODY LOCK 1684263C1																															
BENDIX LEFT REAR REAR WSS (9549A) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)																															
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2	R94B	16	GY	1680205C1																											
CONNECTOR 1684261C1 BODY LOCK 1684263C1																															
BENDIX LEFT RR RR WSS (9549B) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)																															
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																											
1	R94A	16	GY	1680205C1																											
2	R94B	16	GY	1680205C1																											
CONNECTOR 1684261C1 BODY LOCK 1684263C1																															
CNC	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																									
0488	20NOV14	REVISED AND REDRAWN.	D	92674A	310706	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																									
RELEASE NO.		DATE		PART NO.		SHEET																									
61229V		08JUN09		AE08058187		145																									

Figure 791 Connector Composites (9548), (9548A), (9549), (9549A), (9549B)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.275. CONNECTOR COMPOSITES (9550), (9550A), P. 146

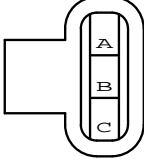
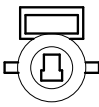
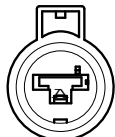
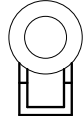

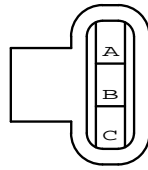
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN									
BENDIX 6S/6M RIGHT REAR AIR ABS MODULATOR (9550) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)					HYD PUMP 1 BATTERY FEED (9550) (LOCATED AT LEFT SIDE OF VEHICLE AT FLASHER PLATE)									
														
CONNECTOR 1686834C1 BODY LOCK 1664408C1					CONNECTOR 1664531C1 BODY LOCK 1675053C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE			
A	R94L	16	GY	2033819C1	1652325C1	A	N90B	10	RD	1687847C1	0589390C1			
B	R94K	16	GY	2033819C1	1652325C1									
C	R94H	16	GY	2033819C1	1652325C1									
					W/ DURASTAR									
HYDRAULIC PUMP MOTOR BATTERY FEED (9550) (LOCATED AT LEFT SIDE OF VEHICLE AT FLASHER PLATE)					HYD PUMP MOTOR BATTERY FEED (9550) (LOCATED NEAR BATTERY CABLE)									
														
CONNECTOR 3700151C1					CONNECTOR 1669834C1 BODY LOCK 1675053C1									
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV			
A	N14KA	8	RD	3700154C1	3537135C1	A	N14KA	12	RD	2033912C1	0589391C1			
HYD PUMP 1 BATTERY FEED (9550) (LOCATED NEAR BATTERY CABLE)					BENDIX RIGHT REAR REAR MODULATOR (9550A) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)									
														
CONNECTOR 1669834C1 BODY LOCK 1675053C1					CONNECTOR 3700151C1									
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE			
A	N90B	10	RD	1687847C1	0589390C1	A	R94L	16	GY	2033819C1	1652325C1			
						B	R94K	16	GY	2033819C1	1652325C1			
						C	R94H	16	GY	2033819C1	1652325C1			
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME								
0488	24MAR15	ADDED R/D 9550.	E	92927M	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500								
					RELEASE NO.	DATE	PART NO.		SHEET					
					61229V	08JUN09	AE08058187		146					

Figure 792 Connector Composites (9550), (9550A)

13.276. CONNECTOR COMPOSITES (9550A), (9550B), (9551), (9551A), (9552), P. 147


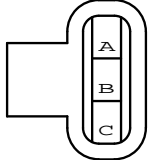


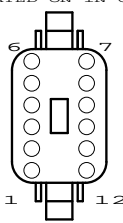
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13																																																																					
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A	N10	8	RD	3700153C1	3537135C1																																																																										
CONNECTOR 3537133C1																																																																															
BENDIX RT RR RR MOD (9550B) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)																																																																															
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C	R94H	16	GY	2033819C1	1652325C1																																																																										
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																											
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2	R94G	16	GY	1680205C1																																																																											
CONNECTOR 1684261C1 BODY LOCK 1684263C1																																																																															
BENDIX RIGHT REAR REAR WSS (9551A) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)																																																																															
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CONNECTOR 1684261C1 BODY LOCK 1684263C1																																																																															
CENTER CHASSIS/IP INTERCONNECT RHD (9552) (LOCATED ON IN CHASSIS)																																																																															
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																											
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11	N94BM	16	GY	1680205C1																																																																											
12	N94BN	16	GY	1680205C1																																																																											
CONNECTOR 3601923C1 BODY LOCK 3601925C1																																																																															
CIR	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																									
0488	20NOV14	REVISED AND REDRAWN.	D	92674A	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																									
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Figure 793 Connector Composites (9550A), (9550B), (9551), (9551A), (9552)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.277. CONNECTOR COMPOSITES (9553), (9554), (9555), (9556), (9557), P. 148

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

WABCO 6S/6M L RR REAR AIR ABS MODULATOR

(9553)

(LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	R94L	18	BL	ASSY
2	R94GB	18	GN	ASSY
3	R94M	18	BN	ASSY

CONNECTOR 3554538C1

WABCO 6S/6M R RR REAR WHEEL SPEED SENSOR

(9554)

(LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	R94T	18	BK	ASSY
2	R94U	18	BN	ASSY

CONNECTOR 3519878C1

WABCO 6S/6M RIGHT REAR REAR AIR ABS MODULATOR

(9555)

(LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	R94P	18	BL	ASSY
2	R94G9	18	GN	ASSY
3	R94S	18	BN	ASSY

CONNECTOR 3554538C1

BENDIX L FR REAR MOD (HTB)

(9556)

(LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R94M	16	BK	2033819C1	1652325C1
B	R94N	16	RD	2033819C1	1652325C1
C	R94P	16	BN	2033819C1	1652325C1

CONNECTOR 1686834C1

BODY LOCK 1664408C1

BENDIX L FR REAR WHL SPEED SENSOR (HTB)

(9557)

(LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	R94R	16	GY	1680205C1
2	R94S	16	OR	1680205C1

CONNECTOR 1684261C1

BODY LOCK 1684263C1

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	PART NO.
					61229V	08JUN09	AE08058187

SHEET 148

Figure 794 Connector Composites (9553), (9554), (9555), (9556), (9557)

13.278. CONNECTOR COMPOSITES (9558), (9559), (9560), (9561), (9562), P. 149

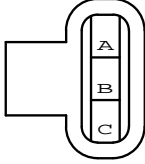


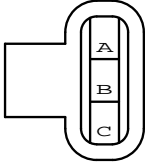
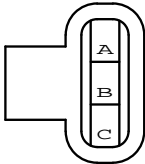
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																									
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																											
BENDIX L RR REAR MODULATOR (HTB) (9558) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)																															
				<table border="1" style="width: 100%; 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>R94E</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R94D</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R94C</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	A	R94E	16	GY	2033819C1	1652325C1	B	R94D	16	GY	2033819C1	1652325C1	C	R94C	16	GY	2033819C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV																										
A	R94E	16	GY	2033819C1	1652325C1																										
B	R94D	16	GY	2033819C1	1652325C1																										
C	R94C	16	GY	2033819C1	1652325C1																										
CONNECTOR 1686834C1 BODY LOCK 1664408C1																															
BENDIX L RR REAR WHL SPEED SNSR (HTB) (9559) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)																															
				<table border="1" style="width: 100%; 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>R94A</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>R94B</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94A	16	GY	1680205C1	2	R94B	16	GY	1680205C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																											
1	R94A	16	GY	1680205C1																											
2	R94B	16	GY	1680205C1																											
CONNECTOR 1684261C1 BODY LOCK 1684263C1																															
BENDIX R RR REAR WHL SPEED SNSR (HTB) (9560) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)																															
				<table border="1" style="width: 100%; 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>R94F</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>R94G</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94F	16	GY	1680205C1	2	R94G	16	GY	1680205C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																											
1	R94F	16	GY	1680205C1																											
2	R94G	16	GY	1680205C1																											
CONNECTOR 1684261C1 BODY LOCK 1684263C1																															
BENDIX R RR REAR MODULATOR (HTB) (9561) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)																															
				<table border="1" style="width: 100%; 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>R94L</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R94K</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R94H</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	A	R94L	16	GY	2033819C1	1652325C1	B	R94K	16	GY	2033819C1	1652325C1	C	R94H	16	GY	2033819C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV																										
A	R94L	16	GY	2033819C1	1652325C1																										
B	R94K	16	GY	2033819C1	1652325C1																										
C	R94H	16	GY	2033819C1	1652325C1																										
CONNECTOR 1686834C1 BODY LOCK 1664408C1																															
BENDIX R RR REAR MODULATOR (HTB) (9562) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)																															
				<table border="1" style="width: 100%; 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>16</td> <td>PL</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R94U</td> <td>16</td> <td>LTGN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R94V</td> <td>16</td> <td>LTBL</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94T	16	PL	2033819C1	1652325C1	B	R94U	16	LTGN	2033819C1	1652325C1	C	R94V	16	LTBL	2033819C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
A	R94T	16	PL	2033819C1	1652325C1																										
B	R94U	16	LTGN	2033819C1	1652325C1																										
C	R94V	16	LTBL	2033819C1	1652325C1																										
CONNECTOR 1686834C1 BODY LOCK 1664408C1																															
CNC	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	PART NO.																								
					61229V	08JUN09	AE08058187 149																								

Figure 795 Connector Composites (9558), (9559), (9560), (9561), (9562)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.279. CONNECTOR COMPOSITES (9563), (9565), (9570), (9570F), P. 150




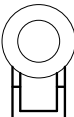
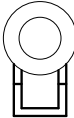
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13															
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																	
<p style="text-align: center;">BENDIX R FR REAR WHL SPEED SENSOR (HTB) (9563) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p> <div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"><p>CONNECTOR 1684261C1 BODY LOCK 1684263C1</p></div><table border="1" style="font-size: x-small;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>R94W</td><td>16</td><td>DKBL</td><td>1680205C1</td></tr><tr><td>2</td><td>R94X</td><td>16</td><td>YL</td><td>1680205C1</td></tr></tbody></table></div>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94W	16	DKBL	1680205C1	2	R94X	16	YL	1680205C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																	
1	R94W	16	DKBL	1680205C1																	
2	R94X	16	YL	1680205C1																	
<p style="text-align: center;">WABCO L FR RR WHL SPEED SNSR (HTB) (9565) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p> <div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"><p>CONNECTOR 3519878C1</p></div><table border="1" style="font-size: x-small;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>R94E</td><td>18</td><td>BK</td><td>ASSY</td></tr><tr><td>2</td><td>R94F</td><td>18</td><td>BN</td><td>ASSY</td></tr></tbody></table><p style="text-align: right; font-size: x-small;">W/ DURASTAR</p></div>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94E	18	BK	ASSY	2	R94F	18	BN	ASSY
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																	
1	R94E	18	BK	ASSY																	
2	R94F	18	BN	ASSY																	
<p style="text-align: center;">HYD PUMP 2 UNDERHOOD PDM FEED (9570) (LOCATED AT LEFT SIDE OF VEHICLE AT FLASHER PLATE)</p> <div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"><p>CONNECTOR 1664531C1 BODY LOCK 1675053C1</p></div><table border="1" style="font-size: x-small;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>N90</td><td>12</td><td>GY</td><td>2033816C1</td><td>0589391C1</td></tr></tbody></table><p style="text-align: right; font-size: x-small;">W/ DURASTAR</p></div>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N90	12	GY	2033816C1	0589391C1			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																
A	N90	12	GY	2033816C1	0589391C1																
<p style="text-align: center;">HYD BRAKE (9570F) (LOCATED AT LEFT SIDE OF VEHICLE AT FLASHER PLATE)</p> <div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"><p>CONNECTOR 1669834C1 BODY LOCK 1675053C1</p></div><table border="1" style="font-size: x-small;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>K90B</td><td>10</td><td>RD</td><td>1687848C1</td><td>0589390C1</td></tr></tbody></table></div>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K90B	10	RD	1687848C1	0589390C1			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																
A	K90B	10	RD	1687848C1	0589390C1																
<p style="text-align: center;">HYD PUMP BATTERY FEED (9570F) (LOCATED AT LEFT SIDE OF VEHICLE AT FLASHER PLATE)</p> <div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"><p>CONNECTOR 1669834C1 BODY LOCK 1675053C1</p></div><table border="1" style="font-size: x-small;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>K90B</td><td>10</td><td>RD</td><td>1687848C1</td><td>0589390C1</td></tr></tbody></table></div>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K90B	10	RD	1687848C1	0589390C1			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																
A	K90B	10	RD	1687848C1	0589390C1																
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	PART NO.	SHEET															
61229V				08JUN09	AE08058187	150															

Figure 796 Connector Composites (9563), (9565), (9570), (9570F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.280. CONNECTOR COMPOSITES (9751), (9752), (9753), (9753A), (9754), (9754B), (9754D), P. 151

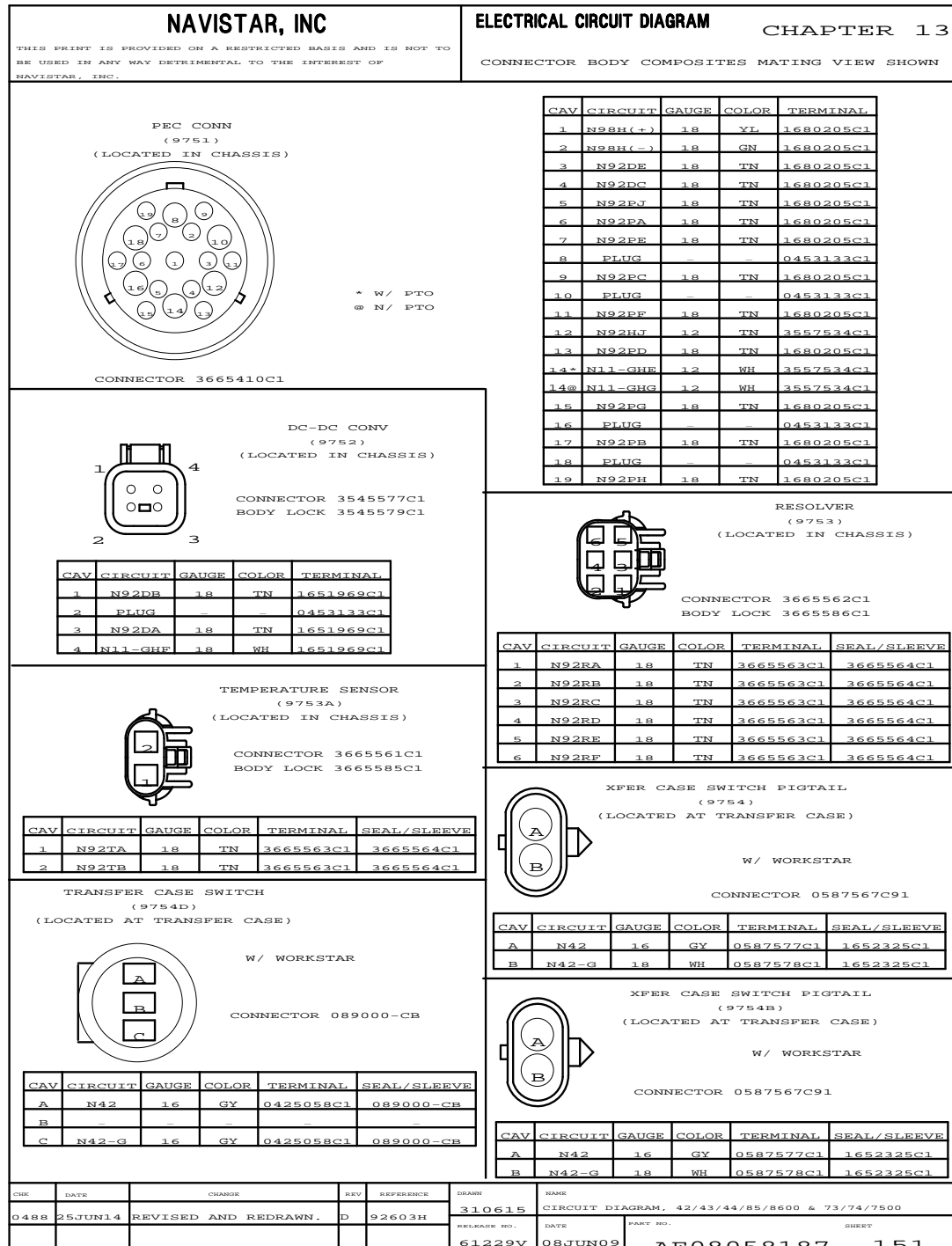


Figure 797 Connector Composites (9751), (9752), (9753), (9753A), (9754), (9754B), (9754D)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.281. CONNECTOR COMPOSITES (9755), (9755B), (9755D), (9756), (9758), P. 152

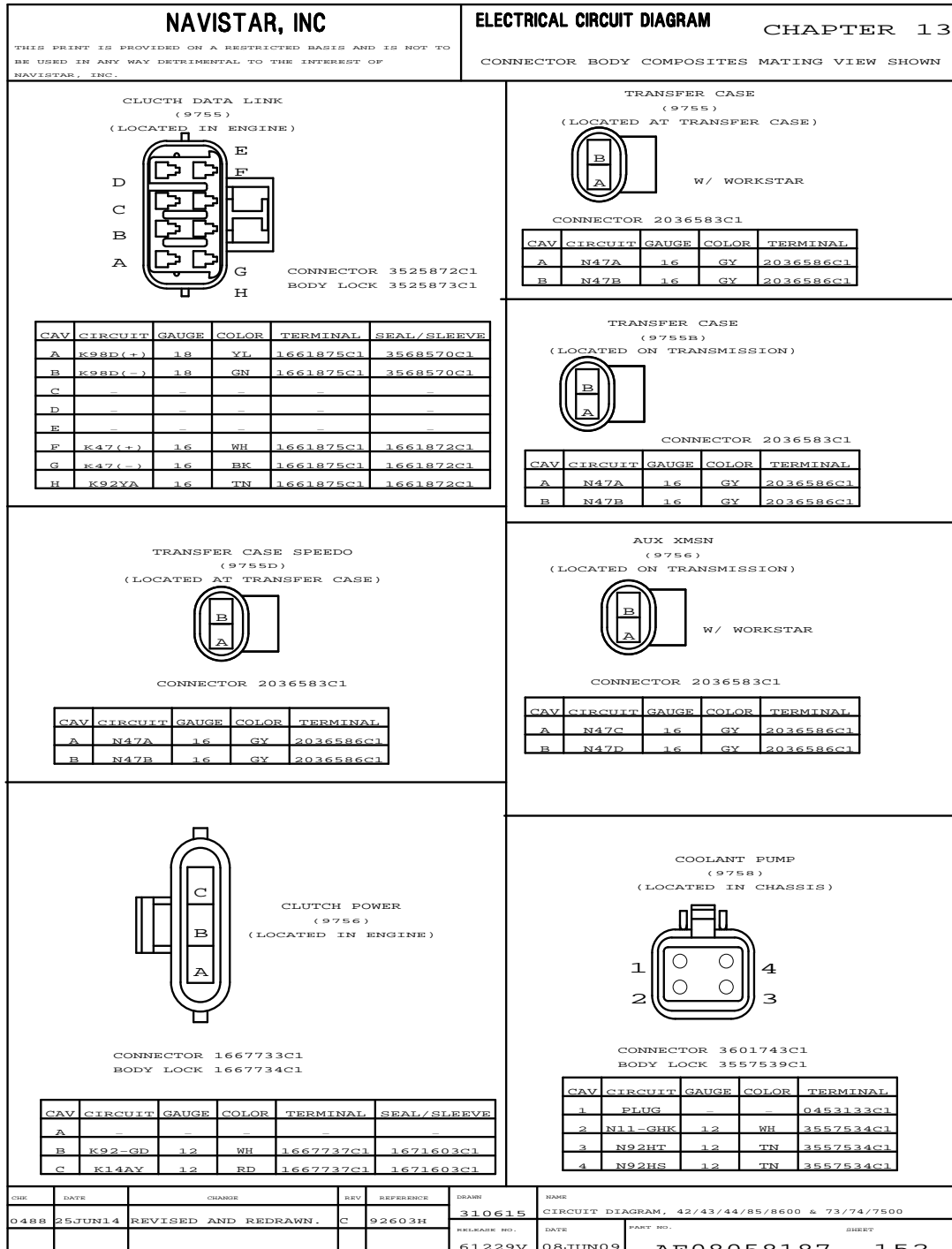


Figure 798 Connector Composites (9755), (9755B), (9755D), (9756), (9758)

13.282. CONNECTOR COMPOSITES (9759), (9760), P. 153

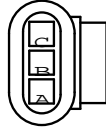
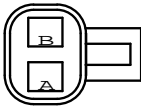
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																									
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<p>BUS TERMINATOR RESISTOR (9759) (LOCATED IN CHASSIS)</p>  <p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p> <table border="1" style="margin: 10px auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N98A(+)</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>N98A(-)</td> <td>18</td> <td>GN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N98A(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	C	N98A(-)	18	GN	1661875C1	3568570C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
A	N98A(+)	18	YL	1661875C1	3568570C1																										
B	PLUG	-	-	2025431C1	-																										
C	N98A(-)	18	GN	1661875C1	3568570C1																										
<p>HEAT EXCHANGER (9760) (LOCATED IN CHASSIS)</p>  <p>CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1" style="margin: 10px auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N92HH</td> <td>14</td> <td>TN</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>B</td> <td>N11-GHJ</td> <td>12</td> <td>WH</td> <td>2033816C1</td> <td>0589391C1</td> </tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N92HH	14	TN	2033816C1	0589391C1	B	N11-GHJ	12	WH	2033816C1	0589391C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
A	N92HH	14	TN	2033816C1	0589391C1																										
B	N11-GHJ	12	WH	2033816C1	0589391C1																										
CNC	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																									
0488	25JUN14	REVISED AND REDRAWN.	C	92603H	310615	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																									
RELEASE NO.					DATE	PART NO.	SHEET																								
61229V					08JUN09	AE08058187	153																								

Figure 799 Connector Composites (9759), (9760)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

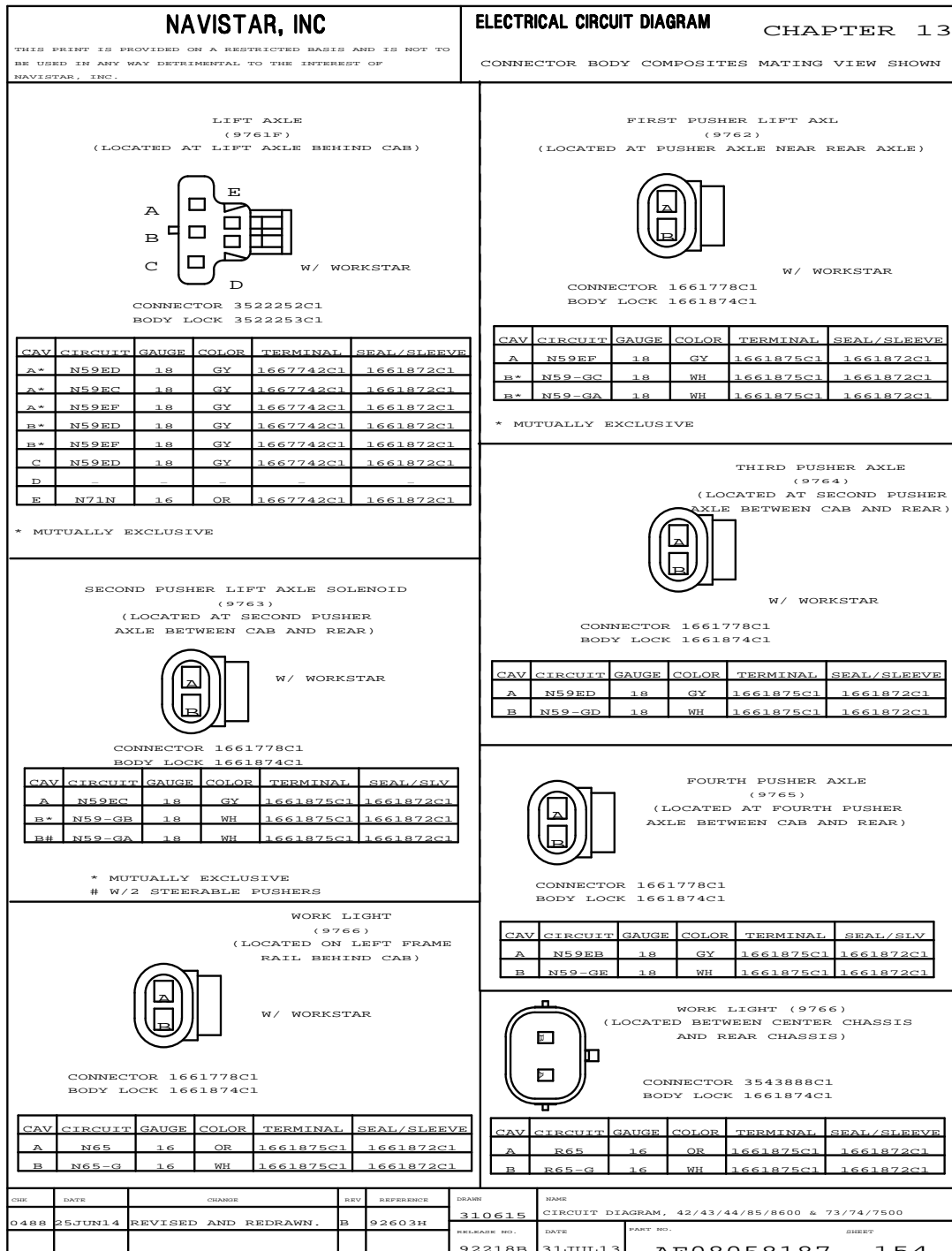
13.283. CONNECTOR COMPOSITES (9761F), (9762), (9763) (9764), (9765), (9766),
P. 154

Figure 800 Connector Composites (9761F), (9762), (9763) (9764), (9765), (9766)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.284. CONNECTOR COMPOSITES (9767), (9775F), (9776F), (9777), (9777A), (9777E), (9777M), (9778), P. 155

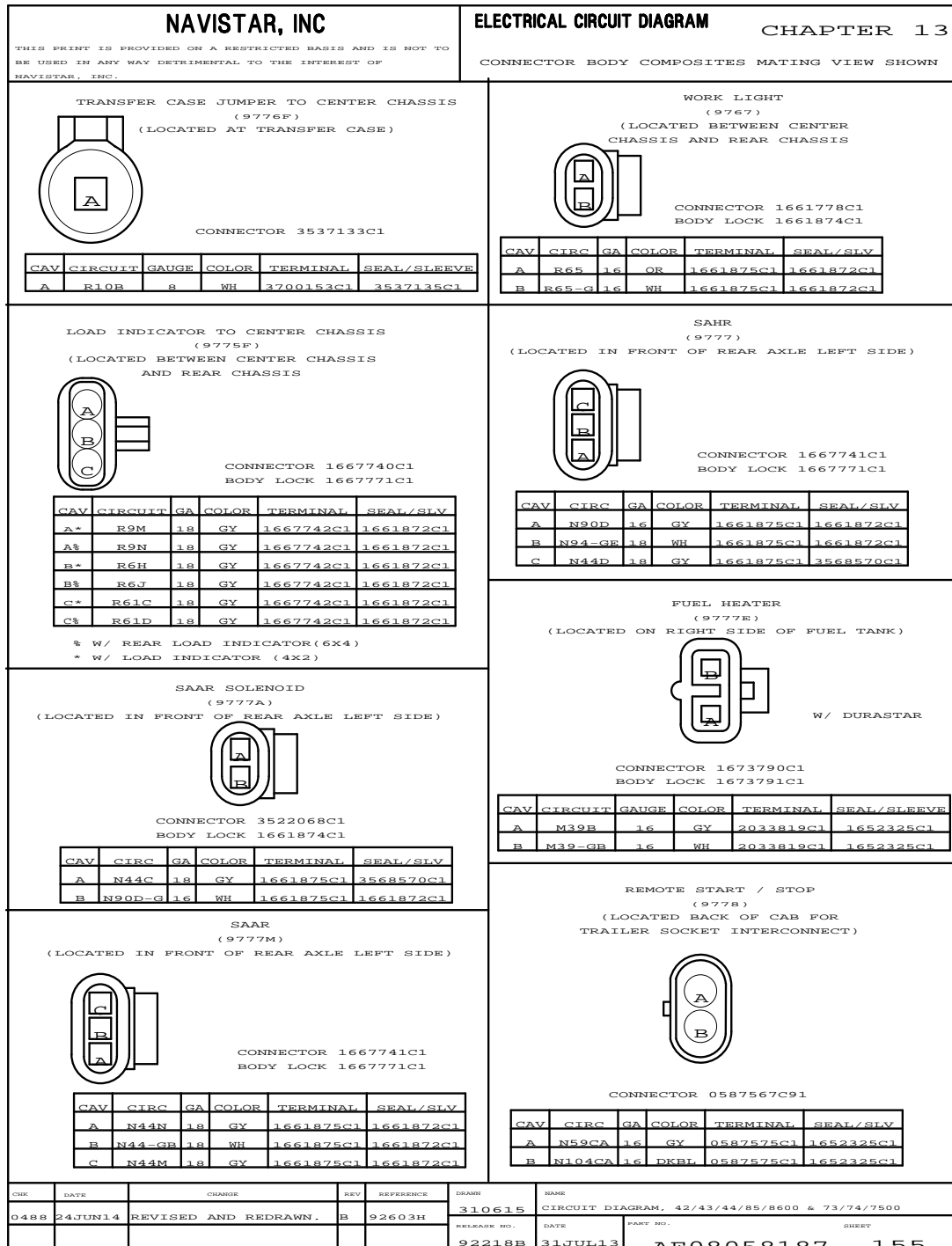


Figure 801 Connector Composites (9767), (9775F), (9776F), (9777), (9777A), (9777E), (9777M), (9778)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.285. CONNECTOR COMPOSITES (9778F), (9778F1), (9779F), P. 156

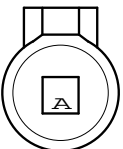


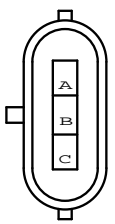
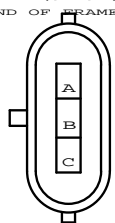
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Figure 802 Connector Composites (9778F), (9778F1), (9779F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.286. CONNECTOR COMPOSITES (9779F1), (9780M), (9780M1), P. 157

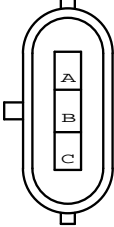
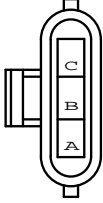
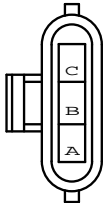
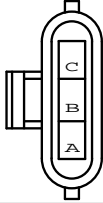
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Figure 803 Connector Composites (9779F1), (9780M), (9780M1)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.287. CONNECTOR COMPOSITES (9781M), (9782F), (9782M), P. 158

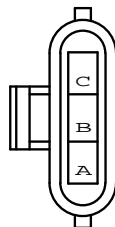
NAVISTAR, INC

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ELECTRICAL CIRCUIT DIAGRAM

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

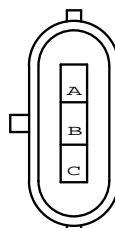
CHAPTER 13



BLACK AUX TRAILER SOCKET #1
(9781M)
(LOCATED BACK OF CAB FOR AUX TRAILER
SOCKET INTERCONNECT)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N70C	10	RD	1667737C1	1667735C1
B	N68C	10	BN	1667737C1	1667735C1
C	N72	12	OR	1667737C1	1671603C1

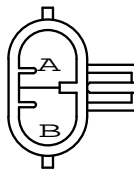
CONNECTOR 1667733C1
BODY LOCK 1667734C1



BLACK AUX TRAILER SOCKET #2
(9782F)
(LOCATED BACK OF CAB FOR AUX
TRAILER SOCKET INTERCONNECT)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N54C	10	BN	2025425C1	1667735C1
B	N56C	10	YL	2025425C1	1667735C1
C	N57C	10	LTGN	2025425C1	1667735C1

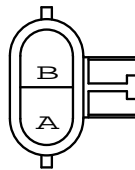
CONNECTOR 1667732C1
BODY LOCK 1667734C1



ISO TRAILER SOCKET
(9782F)
(LOCATED BACK OF CAB FOR
TRAILER SOCKET INTERCONNECT)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R94T	10	DKBL	2025423C1	2025427C1
B	R94TA	12	YL	2025422C1	2025422C1

CONNECTOR 2031520C1
BODY LOCK 2033927C1



ISO TRAILER SOCKET
(9782M)
(LOCATED BACK OF CAB FOR
TRAILER SOCKET INTERCONNECT)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R94T	10	DKBL	2031531C1	2025427C1
B	R94TA	12	YL	2031531C1	2025428C1

CONNECTOR 2031522C1
BODY LOCK 2033927C1

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
					92218B	31.JUL.13
						PART NO.
						AE08058187
						SHEET
						158

Figure 804 Connector Composites (9781M), (9782F), (9782M)

13.288. CONNECTOR COMPOSITES (9783), (9783F), (9783M), (9784M), P. 159

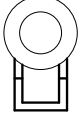

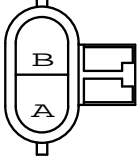
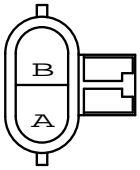
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																					
<p>TRAILER AUX POWER (9783) (LOCATED AT END OF FRAME NEAR REAR AXLES)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R72</td> <td>10</td> <td>LTGN</td> <td>1687848C1</td> <td>0589390C1</td> </tr> </tbody> </table> </div> <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> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N10C</td> <td>8</td> <td>WH</td> <td>3700153C1</td> <td>3537135C1</td> </tr> <tr> <td>A</td> <td>N10-QE</td> <td>8</td> <td>WH</td> <td>3700153C1</td> <td>3537135C1</td> </tr> </tbody> </table> </div> <p>CONNECTOR 3537133C1</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N10C	8	WH	3700153C1	3537135C1	A	N10-QE	8	WH	3700153C1	3537135C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																				
A	N10C	8	WH	3700153C1	3537135C1																				
A	N10-QE	8	WH	3700153C1	3537135C1																				
<p>BLACK ABS TRLR SOCKET GND (9783M) (LOCATED AT END OF FRAME NEAR REAR AXLES) W/ TRANSTAR</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>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> </div> <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> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>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> </div> <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	-	-	-	-																				
CNC	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	PART NO.																		
					92218B	31JUL13	AE08058187 159																		

Figure 805 Connector Composites (9783), (9783F), (9783M), (9784M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.289. CONNECTOR COMPOSITES (9800), P. 160

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 13

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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	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	R94DP	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	[R94GB]	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	[R94WE]	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	[R94G5]	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

CHG	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	RELEASE NO.	DATE	PART NO.	SHEET
0488	25JUN14	REVISED AND REDRAWN.	B	92603H	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500				
							92218B	31JUL13	AE08058187	160

Figure 806 Connector Composites (9800)

13.290. CONNECTOR COMPOSITES (9800), (9801), (9809), (9810), (9811), (9812), P. 161

NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN			
INTENTIONALLY LEFT BLANK								
CHG	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	31JUL13	AE08058187	161

Figure 807 Connector Composites (9800), (9801), (9809), (9810), (9811), (9812)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.291. CONNECTOR COMPOSITES (9814), (9814A), (9815), (9815A), (9820F), (9820M), (9824), P. 162

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRWN	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 808 Connector Composites (9814), (9814A), (9815), (9815A), (9820F), (9820M), (9824)

13.292. CONNECTOR COMPOSITES (9830), (9832), (9865M), (9865MA), (9900) P. 163

NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN			
INTENTIONALLY LEFT BLANK								
CHG	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 809 Connector Composites (9830), (9832), (9865M), (9865MA), (9900)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.293. CONNECTOR COMPOSITES (9900A), (9900AA), (9900AC), (9900AD), (9900AE), (9900AF), (9900AG), P. 164

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRWN	NAME	
0488	24MAR15	REMOVED GEOMETRY.	B	92927M	MJV0195	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
					RELEASE NO.	DATE	PART NO.
					92218B	31JUL13	AE08058187
						164	

Figure 810 Connector Composites (9900A), (9900AA), (9900AC), (9900AD), (9900AE), (9900AF), (9900AG)

13.294. CONNECTOR COMPOSITES (9900C), (9900C1), (9900D), (9900E), P. 165

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			
INTENTIONALLY LEFT BLANK								
CHG	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 811 Connector Composites (9900C), (9900C1), (9900D), (9900E)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.295. CONNECTOR COMPOSITES (9900G), (9911), (9913A), (9913B), P. 166

NAVISTAR, INC <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13 <small>CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</small>			
<p style="font-size: 24px; margin: 0;">INTENTIONALLY LEFT BLANK</p>											
CHG	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 812 Connector Composites (9900G), (9911), (9913A), (9913B)

13.296. CONNECTOR COMPOSITES (9915), (9916), (9920), (9921), P. 167

NAVISTAR, INC <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13 <small>CONNECTOR BODY COMPOSITES MATING VIEW SHOWN</small>			
<p>INTENTIONALLY LEFT BLANK</p>											
CHG	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 813 Connector Composites (9915), (9916), (9920), (9921)

ELECTRICAL CIRCUIT DIAGRAM MANUAL**13.297. CONNECTOR COMPOSITES (9930), (9965M), (9989), P. 168**

NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13	
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INTENTIONALLY LEFT BLANK								
CHK	DATE	CHANGE	REV	REFERENCE	DRWN	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 814 Connector Composites (9930), (9965M), (9989)

CONNECTOR COMPOSITES (CHAPTER 14)

14.1. CONNECTOR COMPOSITES (9200A), (9200B), (9570K), (9715), (9625), (9714F), (9715), P. 1

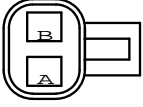
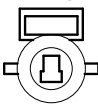

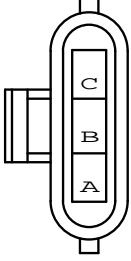
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 14							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN												
LEFT SIDE HTD DRAIN VALVE (9200A) (LOCATED ON LEFT REAR FRAME RAIL)																	
																	
CONNECTOR 1671610C1 BODY LOCK 1671608C1																	
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	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	A	N39A	18	GY	2033819C1	1652325C1
B	N39-GF	18	WH	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)																	
																	
CONNECTOR 1664531C1																	
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV
A	MK90A	10	GY	1687847C1	0589390C1	1	N94AA	16	GY	3679224C1	3601687C1	1	N94AA	16	GY	3679224C1	3601687C1
						2	N94AB	16	GY	3679224C1	3601687C1	2	N94AB	16	GY	3679224C1	3601687C1
ISO TRAILER SOCKET GND (9714F) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)																	
																	
CONNECTOR 3537133C1																	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	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*	N70F	10	RD	1667737C1	1667735C1
						A#	N70T	10	RD	1667737C1	1667735C1	A#	N70T	10	RD	1667737C1	1667735C1
						B*	N68F	10	BN	1667737C1	1667735C1	B*	N68F	10	BN	1667737C1	1667735C1
						B#	N68T	10	BN	1667737C1	1667735C1	B#	N68T	10	BN	1667737C1	1667735C1
						C*	N94F	10	GY	1667737C1	1667735C1	C*	N94F	10	GY	1667737C1	1667735C1
						C#	N94T	10	GY	1667737C1	1667735C1	C#	N94T	10	GY	1667737C1	1667735C1
TRAILER SOCKET #1 (9715) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)																	
																	
CONNECTOR 1667733C1 BODY LOCK 1667734C1																	
* 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											
	9200B				92674A	DATE	PART NO.	SHEET									
						18OCT14	AE08079252	001									

Figure 815 Connector Composites (9200A), (9200B), (9570K), (9715), (9625), (9714F), (9715)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.2. CONNECTOR COMPOSITES (9715F), (9715F1), (9716), P. 2

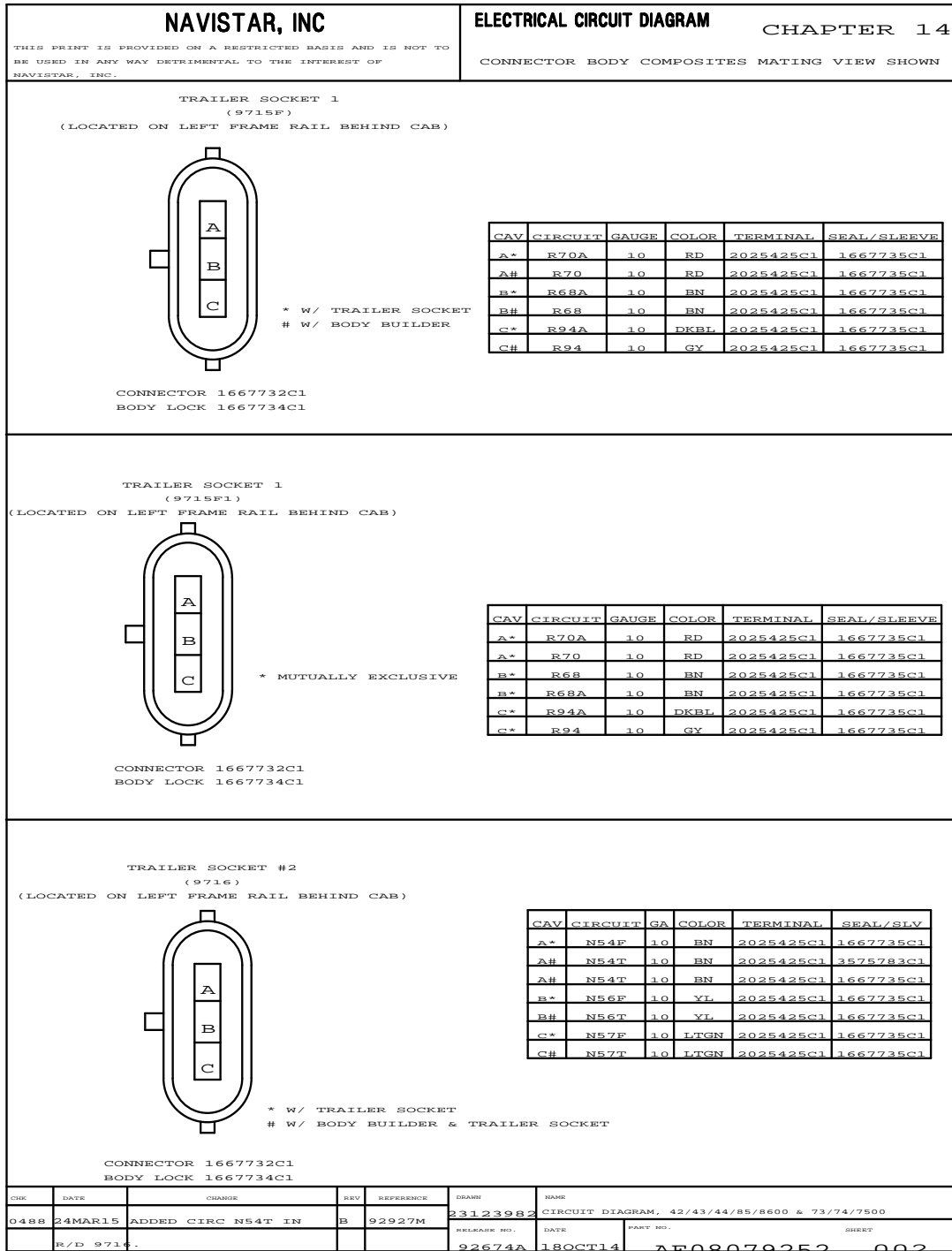


Figure 816 Connector Composites (9715F), (9715F1), (9716)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.3. CONNECTOR COMPOSITES (9716M), (9716M1), (9717), P. 3

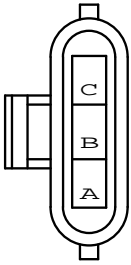
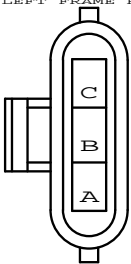
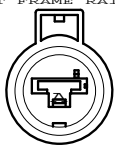
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 14																																											
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																													
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">TRAILER SOCKET #2 (9716M) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)</p>  <p style="text-align: center;">CONNECTOR 1667733C1 BODY LOCK 1667734C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; 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>1667737C1</td><td>1667735C1</td></tr> <tr><td>A#</td><td>R58</td><td>10</td><td>BN</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>B*</td><td>R56A</td><td>10</td><td>YL</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>B#</td><td>R56</td><td>10</td><td>YL</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>C*</td><td>R57A</td><td>10</td><td>LTGN</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>C#</td><td>R57</td><td>10</td><td>LTGN</td><td>1667737C1</td><td>1667735C1</td></tr> </tbody> </table> <p style="font-size: x-small;">* W/ TRAILER SOCKET # W/ BODY BUILDER</p> </div> </div>									CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	R58A	10	BK	1667737C1	1667735C1	A#	R58	10	BN	1667737C1	1667735C1	B*	R56A	10	YL	1667737C1	1667735C1	B#	R56	10	YL	1667737C1	1667735C1	C*	R57A	10	LTGN	1667737C1	1667735C1	C#	R57	10	LTGN	1667737C1	1667735C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																													
A*	R58A	10	BK	1667737C1	1667735C1																																													
A#	R58	10	BN	1667737C1	1667735C1																																													
B*	R56A	10	YL	1667737C1	1667735C1																																													
B#	R56	10	YL	1667737C1	1667735C1																																													
C*	R57A	10	LTGN	1667737C1	1667735C1																																													
C#	R57	10	LTGN	1667737C1	1667735C1																																													
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">TRAILER SOCKET 2 (9716M1) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)</p>  <p style="text-align: center;">CONNECTOR 1667733C1 BODY LOCK 1667734C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; 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>1667737C1</td><td>1667735C1</td></tr> <tr><td>A#</td><td>R58</td><td>10</td><td>BN</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>B*</td><td>R56A</td><td>10</td><td>YL</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>B#</td><td>R56</td><td>10</td><td>YL</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>C*</td><td>R57A</td><td>10</td><td>LTGN</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>C#</td><td>R57</td><td>10</td><td>LTGN</td><td>1667737C1</td><td>1667735C1</td></tr> </tbody> </table> <p style="font-size: x-small;">* MUTUALLY EXCLUSIVE</p> </div> </div>									CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	R58A	10	BK	1667737C1	1667735C1	A#	R58	10	BN	1667737C1	1667735C1	B*	R56A	10	YL	1667737C1	1667735C1	B#	R56	10	YL	1667737C1	1667735C1	C*	R57A	10	LTGN	1667737C1	1667735C1	C#	R57	10	LTGN	1667737C1	1667735C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																													
A*	R58A	10	BK	1667737C1	1667735C1																																													
A#	R58	10	BN	1667737C1	1667735C1																																													
B*	R56A	10	YL	1667737C1	1667735C1																																													
B#	R56	10	YL	1667737C1	1667735C1																																													
C*	R57A	10	LTGN	1667737C1	1667735C1																																													
C#	R57	10	LTGN	1667737C1	1667735C1																																													
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">TRAILER GROUND 2 (9717) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)</p>  <p style="text-align: center;">CONNECTOR 3700151C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; 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>N10F</td><td>8</td><td>WH</td><td>3700154C1</td><td>3537135C1</td></tr> <tr><td>A*</td><td>N10D</td><td>8</td><td>WH</td><td>3700154C1</td><td>3537135C1</td></tr> <tr><td>A#</td><td>N10D-G</td><td>8</td><td>WH</td><td>3700154C1</td><td>3537135C1</td></tr> </tbody> </table> <p style="font-size: x-small;">* MUTUALLY EXCLUSIVE # W/ TRAILER SOCKET/BODY BUILDER EOP</p> </div> </div>									CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	N10F	8	WH	3700154C1	3537135C1	A*	N10D	8	WH	3700154C1	3537135C1	A#	N10D-G	8	WH	3700154C1	3537135C1																		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																													
A*	N10F	8	WH	3700154C1	3537135C1																																													
A*	N10D	8	WH	3700154C1	3537135C1																																													
A#	N10D-G	8	WH	3700154C1	3537135C1																																													
CHG	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																												
0488	24MAR15	ADDED CIRC N10D-G IN	B	92927M	23123982	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																												
R/D	9717				RELEASE NO.	DATE	PART NO.	SHEET																																										
					92674A	18OCT14	AE08079252	003																																										

Figure 817 Connector Composites (9716M), (9716M1), (9717)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.4. CONNECTOR COMPOSITES (9717D), (9717F), (9717F1), (9718A), P. 4

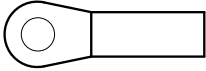


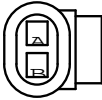
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 14																								
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																										
<p>HYD BRAKES GND (9717D) (LOCATED IN CHASSIS)</p>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>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>TERMINAL 3710088C1</p> <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>  <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>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>CONNECTOR 3517817C1</p> <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>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A*</td><td>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>CONNECTOR 3537133C1</p> <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>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>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>CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> <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 004																									

Figure 818 Connector Composites (9717D), (9717F), (9717F1), (9718A)

14.5. CONNECTOR COMPOSITES (9719M), (9720), (9722), (9726), P. 5

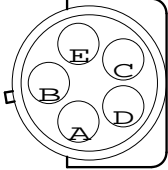
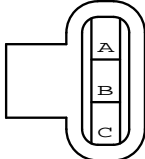
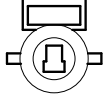
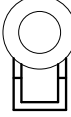
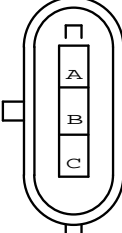
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 14																																					
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<p>BLACKOUT TRUCK TRAILER LIGHTING (9719M) (LOCATED AT MAIN CHASSIS TO REAR CHASSIS INTERCONNECT)</p>																																											
		<table border="1" 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>R54H</td> <td>12</td> <td>BN</td> <td>1673748C1</td> <td>0589390C1</td> </tr> <tr> <td>B</td> <td>R54L</td> <td>12</td> <td>TN</td> <td>1673748C1</td> <td>0589390C1</td> </tr> <tr> <td>C</td> <td>R70L</td> <td>12</td> <td>RD</td> <td>1673748C1</td> <td>0589390C1</td> </tr> <tr> <td>D</td> <td>R70H</td> <td>12</td> <td>OR</td> <td>1673748C1</td> <td>0589390C1</td> </tr> <tr> <td>E</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>0587579C1</td> <td>-</td> </tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R54H	12	BN	1673748C1	0589390C1	B	R54L	12	TN	1673748C1	0589390C1	C	R70L	12	RD	1673748C1	0589390C1	D	R70H	12	OR	1673748C1	0589390C1	E	PLUG	-	-	0587579C1	-
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																						
A	R54H	12	BN	1673748C1	0589390C1																																						
B	R54L	12	TN	1673748C1	0589390C1																																						
C	R70L	12	RD	1673748C1	0589390C1																																						
D	R70H	12	OR	1673748C1	0589390C1																																						
E	PLUG	-	-	0587579C1	-																																						
CONNECTOR 1673751C1																																											
<p>BLACKOUT LIGHTING (9720) (LOCATED AT REAR END OF LEFT FRAME RAIL)</p>																																											
		<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R70</td> <td>18</td> <td>OR</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R6B</td> <td>18</td> <td>BN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>0587579C1</td> <td>-</td> </tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R70	18	OR	2033819C1	1652325C1	B	R6B	18	BN	2033819C1	1652325C1	C	PLUG	-	-	0587579C1	-												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																						
A	R70	18	OR	2033819C1	1652325C1																																						
B	R6B	18	BN	2033819C1	1652325C1																																						
C	PLUG	-	-	0587579C1	-																																						
CONNECTOR 1686834C1 BODY LOCK 1664408C1																																											
<p>TRAILER AUX (9722) (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)</p>																																											
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																						
A	N72	10	OR	1687847C1	0589390C1																																						
CONNECTOR 1664531C1 BODY LOCK 1675053C1		W/ WORKSTAR																																									
<p>TRAILER AUX (9722) (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)</p>																																											
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																						
A*	R72EB	10	LTGN	1687847C1	0589390C1																																						
A*	R72	10	LTGN	1687847C2	0589390C2																																						
CONNECTOR 1669834C1 BODY LOCK 1675053C1		* MUTUALLY EXCLUSIVE																																									
<p>12V TRAILER SOCKET #2 (9726) (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)</p>																																											
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																						
A	R58	14	BK	1667736C1	1671603C1																																						
B	R56	16	YL	1667736C1	1664232C1																																						
C	R57	16	LTGN	1667736C1	1664232C1																																						
CONNECTOR 1667732C1 BODY LOCK 1667734C1																																											
CNC	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 005																																				

Figure 819 Connector Composites (9719M), (9720), (9722), (9726)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.6. CONNECTOR COMPOSITES (9727), (9728), (9729), (9736), P. 6

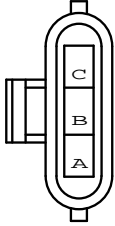

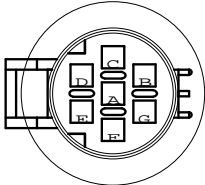
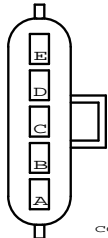
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 14	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN			
				12V TRAILER SOCKET #1 (9727) (LOCATED AT REAR END OF LEFT FRAME RAIL)			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE		
A	R71	16	OR	1667738C1	1664232C1		
B	R68	14	BN	1667738C1	1671603C1		
C	R12	14	LT BL	1667738C1	1671603C1		
CONNECTOR 1667733C1 BODY LOCK 1667734C1							
				12V TRAILER SOCKET GROUND (9728) (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL			
A	R11-G	8	WH	3517818C1			
CONNECTOR 3517817C1							
				12V TRAILER INTERCONNECT (9729) (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)			
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		
CONNECTOR 2039312C91 BODY LOCK 2039342C1							
				AIR SOLENOID 4 PACK (9736) (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE		
A	N59A-G	14	WH	2033816C1	0589391C1		
B	N59B	18	GY	2033819C1	1652325C1		
C	N59C	18	GY	2033819C1	1652325C1		
D	N59D	18	GY	2033819C1	1652325C1		
E	N59E	18	GY	2033819C1	1652325C1		
W/ WORKSTAR CONNECTOR 1661375C2 BODY LOCK 1661376C1							
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	006

Figure 820 Connector Composites (9727), (9728), (9729), (9736)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.7. CONNECTOR COMPOSITES (9737), (9738), (9739), (9740), P. 7

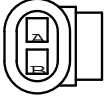
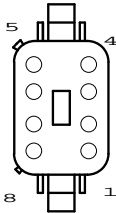
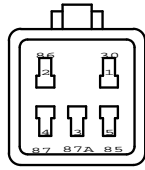
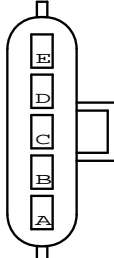
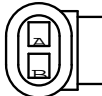
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 14																																																							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																									
AIR HORN SOLENOID (9737) (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)																																																														
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																									
A	N59B	18	GY	1661875C1	1661872C1																																																									
B	N59A-G	16	WH	1661875C1	1661872C1																																																									
CONNECTOR 3522068C1 BODY LOCK 1661874C1																																																														
HYBRID APG (9738) (LOCATED IN CHASSIS)																																																														
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6	N10-GL	18	WH	1680205C1																																																										
7	N10-QM	18	WH	1680205C1																																																										
8	N10-QN	18	TN	1680205C1																																																										
CONNECTOR 3693141C1 BODY LOCK 3534766C1																																																														
HYBRID APG ENABLE RELAY (9739) (LOCATED IN CHASSIS)																																																														
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4	N92AC	18	TN	2039343C1	1652325C1																																																									
5	N92AD-G	18	WH	2039343C1	1652325C1																																																									
CONNECTOR 3512331C91																																																														
SOLENOID 4-PACK (9740) (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)																																																														
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D	N59J	18	GY	2033819C1	1652325C1																																																									
E	N59K	18	GY	2033819C1	1652325C1																																																									
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AIR HORN SINGLE SOLENOID (9739) (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)																																																														
W/ TRANSTAR 				<table border="1" style="width: 100%; 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>N59C</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>N59-G</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N59C	18	GY	1661875C1	1661872C1	B	N59-G	16	WH	1661875C1	1661872C1																																				
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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	007																																																						

Figure 821 Connector Composites (9737), (9738), (9739), (9740)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.8. CONNECTOR COMPOSITES (9740), (9740A), (9740B), P. 8

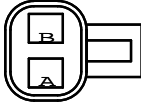
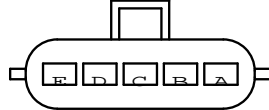
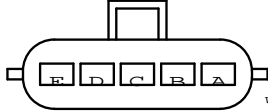
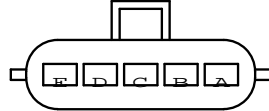
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 14																																																																												
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<p>ALTERNATOR FIELD (9740) (LOCATED NEAR BATTERY BOX)</p>  <p>CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1" style="width: 100%; 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>K1(+)</td> <td>14</td> <td>RD</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>B</td> <td>K1(-)</td> <td>14</td> <td>WH</td> <td>2033816C1</td> <td>0589391C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K1(+)	14	RD	2033816C1	0589391C1	B	K1(-)	14	WH	2033816C1	0589391C1	<p>4-PACK SOLENIOD 6X4 OR 4X2 (9740A) (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)</p>  <p>CONNECTOR 1661375C2 BODY LOCK 1661376C1</p> <p style="text-align: right;">W/ TRANSTAR</p> <table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N59A-G</td> <td>14</td> <td>WH</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>B</td> <td>N59B</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>N59C</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>D</td> <td>N59D</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>E</td> <td>N59E</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N59A-G	14	WH	2033816C1	0589391C1	B	N59B	18	GY	2033819C1	1652325C1	C	N59C	18	GY	2033819C1	1652325C1	D	N59D	18	GY	2033819C1	1652325C1	E	N59E	18	GY	2033819C1	1652325C1																		
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C	N59C	18	GY	2033819C1	1652325C1																																																																																	
D	N59D	18	GY	2033819C1	1652325C1																																																																																	
E	N59E	18	GY	2033819C1	1652325C1																																																																																	
<p>4-PACK SOLENIOD (9740A) (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)</p>  <p style="text-align: right;">W/ WORKSTAR</p> <p>CONNECTOR 1661375C2 BODY LOCK 1661376C1</p> <table border="1" style="width: 100%; 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>N59L-G</td> <td>14</td> <td>WH</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>B</td> <td>N59M</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>N59N</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>D</td> <td>N59P</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>E</td> <td>N59Q</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N59L-G	14	WH	2033816C1	0589391C1	B	N59M	18	GY	2033819C1	1652325C1	C	N59N	18	GY	2033819C1	1652325C1	D	N59P	18	GY	2033819C1	1652325C1	E	N59Q	18	GY	2033819C1	1652325C1	<p>8-PACK SOLENIOD 6X4 OR 4X2 (9740B) (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)</p>  <p>CONNECTOR 1661375C2 BODY LOCK 1661376C1</p> <p style="text-align: right;">W/ TRANSTAR</p> <table border="1" style="width: 100%; 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>N59X-G</td> <td>14</td> <td>WH</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>B</td> <td>N59G</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>N59H</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>D</td> <td>N59Y</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>E</td> <td>N59K</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N59X-G	14	WH	2033816C1	0589391C1	B	N59G	18	GY	2033819C1	1652325C1	C	N59H	18	GY	2033819C1	1652325C1	D	N59Y	18	GY	2033819C1	1652325C1	E	N59K	18	GY	2033819C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																	
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B	N59G	18	GY	2033819C1	1652325C1																																																																																	
C	N59H	18	GY	2033819C1	1652325C1																																																																																	
D	N59Y	18	GY	2033819C1	1652325C1																																																																																	
E	N59K	18	GY	2033819C1	1652325C1																																																																																	
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Figure 822 Connector Composites (9740), (9740A), (9740B)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.9. CONNECTOR COMPOSITES (9740B), (9740C), (9740D), (9745), P. 9

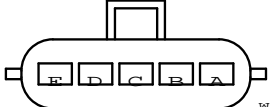
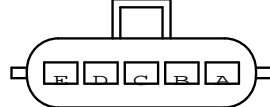
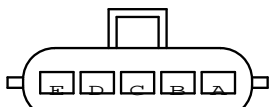
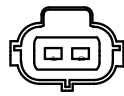
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 14					
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN							
SOLENOID 4-PACK (9740B) (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)					SOLENOID 4-PACK (9740C) (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)							
 W/ WORKSTAR					 W/ WORKSTAR							
CONNECTOR 1661375C2 BODY LOCK 1661376C1 * MUTUALLY EXCLUSIVE					CONNECTOR 1661375C2 BODY LOCK 1661376C1							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	
A*	N59R-G	14	WH	2033816C1	0589391C1	A	N59X-G	14	WH	2033816C1	0589391C1	
B*	N59M	18	GY	2033819C1	1652325C1	B	N59G	18	GY	2033819C1	1652325C1	
B*	N59S	18	GY	2033819C1	1652325C1	C	N59H	18	GY	2033819C1	1652325C1	
C*	N59N	18	GY	2033819C1	1652325C1	D	N59J	18	GY	2033819C1	1652325C1	
C*	N59T	18	GY	2033819C1	1652325C1	E	N59K	18	GY	2033819C1	1652325C1	
D*	N59P	18	GY	2033819C1	1652325C1							
D*	N59V	18	GY	2033819C1	1652325C1							
E*	N59Q	18	GY	2033819C1	1652325C1							
E*	N59W	18	GY	2033819C1	1652325C1							
SOLENOID 8-PACK (9740D) (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)					SS / RH WASHER PUMP (9745) (LOCATED AT WASHER PUMP UNDER CAB LEFT SIDE)							
 CONNECTOR 1661375C2 BODY LOCK 1661376C1					 W/ WORKSTAR CONNECTOR 3536864C1							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	
A	N59F-G	14	WH	2033816C1	0589391C1	1	N87MB	16	GY	3561584C1	3536868C1	
B	N59G	14	WH	2033816C1	0589391C1	2	N87DB	18	GY	3561584C1	3536868C1	
C	N59H	18	GY	2033819C1	1652325C1							
D	N59J	18	GY	2033819C1	1652325C1							
E	N59K	18	GY	2033819C1	1652325C1							
CMC 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		009	

Figure 823 Connector Composites (9740B), (9740C), (9740D), (9745)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.10. CONNECTOR COMPOSITES (9745A), (9746), (9746A), (9747), (9748), (9750), P. 10

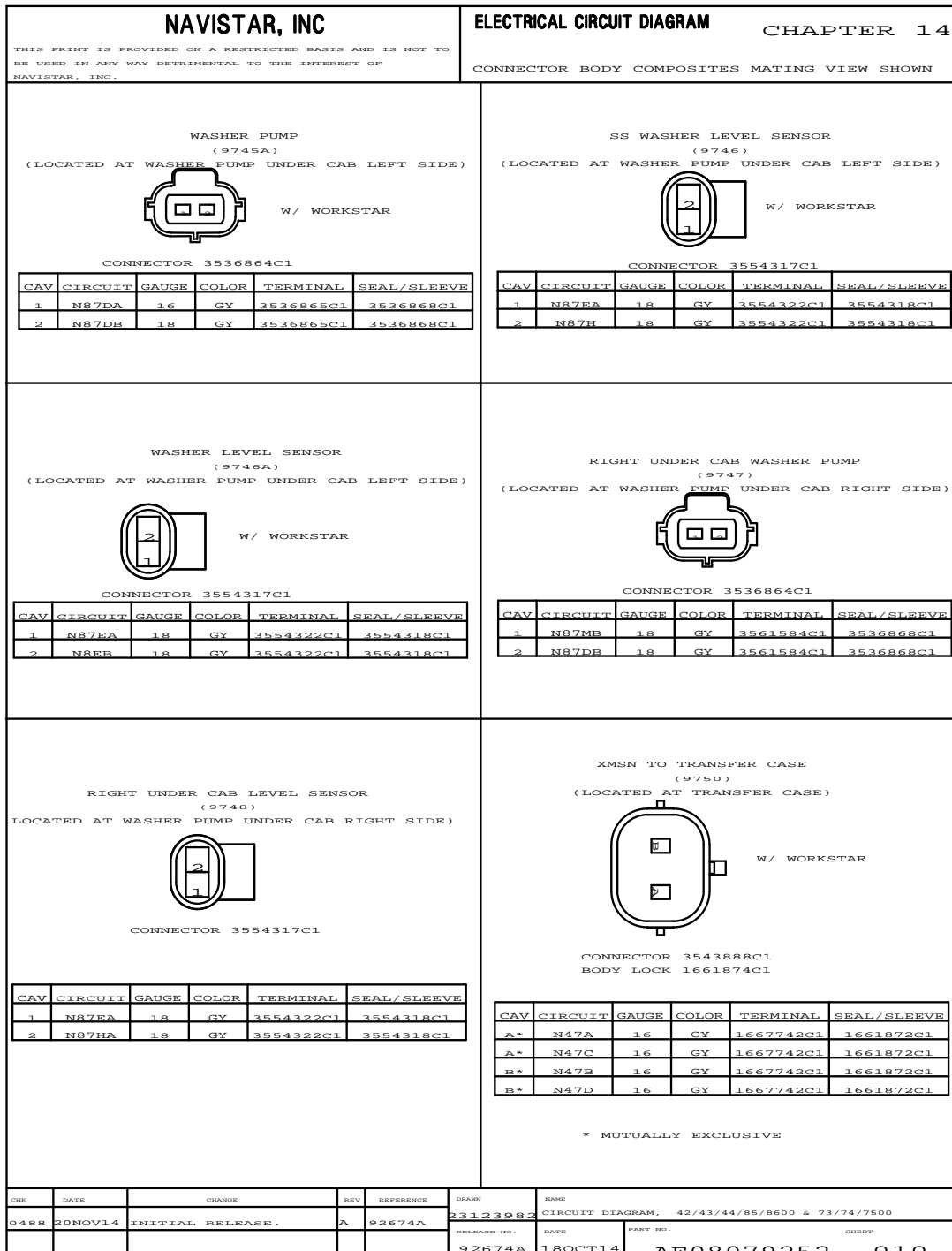


Figure 824 Connector Composites (9745A), (9746), (9746A), (9747), (9748), (9750)

14.11. CONNECTOR COMPOSITES (9750F), (9751), (9752), (9753), P. 11

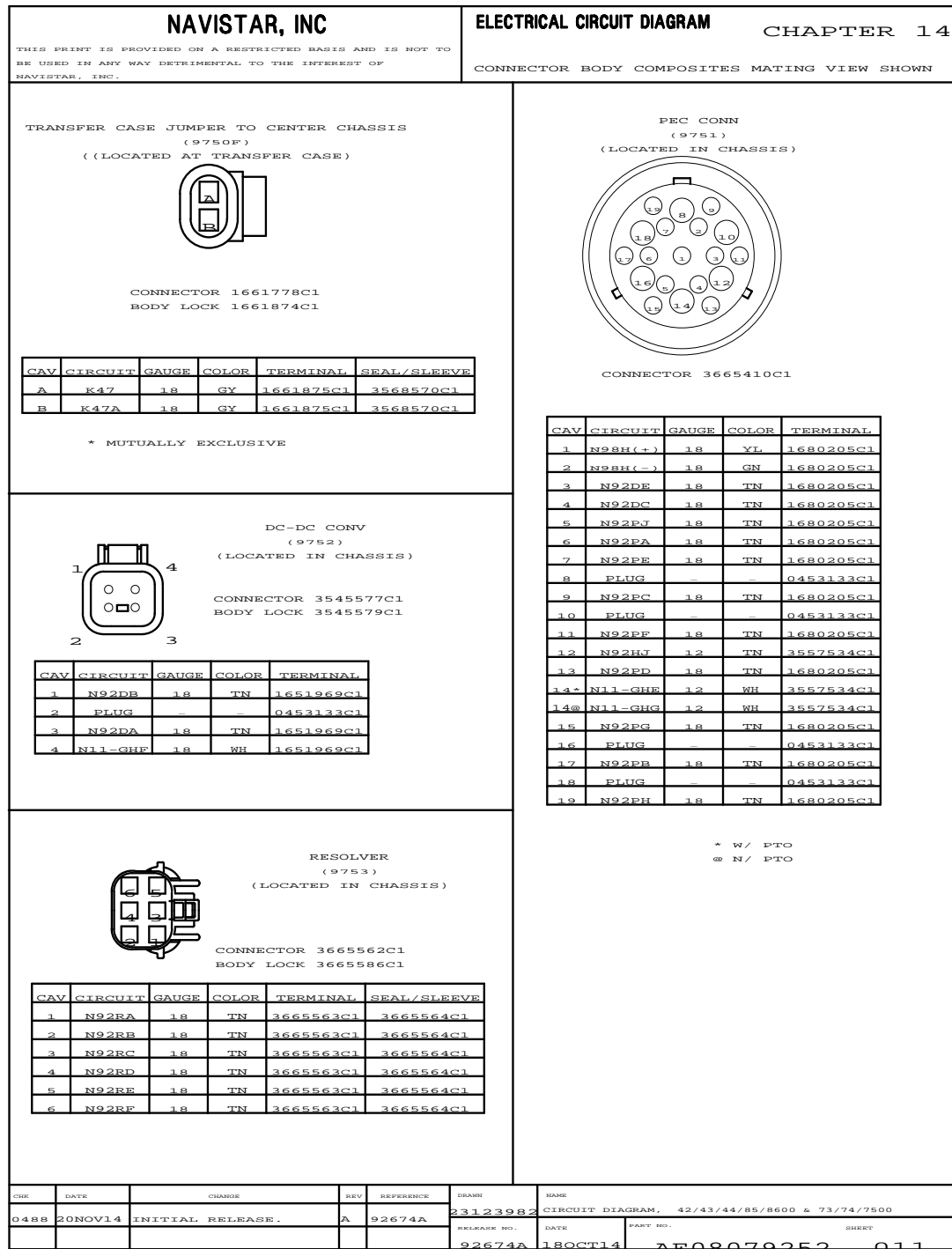


Figure 825 Connector Composites (9750F), (9751), (9752), (9753)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.12. CONNECTOR COMPOSITES (9753A), (9754), (9754B), (9754D), P. 12


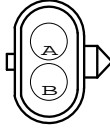
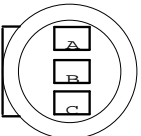
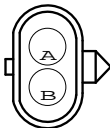
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 14																																														
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<p>TEMPERATURE SENSOR (9753A) (LOCATED IN CHASSIS)</p>  <p>CONNECTOR 3665561C1 BODY LOCK 3665585C1</p> <table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N92TA</td> <td>18</td> <td>TN</td> <td>3665563C1</td> <td>3665564C1</td> </tr> <tr> <td>2</td> <td>N92TB</td> <td>18</td> <td>TN</td> <td>3665563C1</td> <td>3665564C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	N92TA	18	TN	3665563C1	3665564C1	2	N92TB	18	TN	3665563C1	3665564C1	<p>XFER CASE SWITCH PIGTAIL (9754) (LOCATED AT TRANSFER CASE)</p>  <p>CONNECTOR 0587567C91</p> <table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N42</td> <td>16</td> <td>GY</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N42-G</td> <td>18</td> <td>WH</td> <td>0587578C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p style="text-align: right; font-size: x-small;">W/ WORKSTAR</p>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N42	16	GY	0587577C1	1652325C1	B	N42-G	18	WH	0587578C1	1652325C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																			
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2	N92TB	18	TN	3665563C1	3665564C1																																																			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																			
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B	N42-G	18	WH	0587578C1	1652325C1																																																			
<p>TRANSFER CASE SWITCH (9754D) (LOCATED AT TRANSFER CASE)</p>  <p>CONNECTOR 089000-CB</p> <table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N42</td> <td>16</td> <td>GY</td> <td>0425058C1</td> <td>089000-CB</td> </tr> <tr> <td>B</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>N42-G</td> <td>16</td> <td>GY</td> <td>0425058C1</td> <td>089000-CB</td> </tr> </tbody> </table> <p style="text-align: right; font-size: x-small;">W/ WORKSTAR</p>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N42	16	GY	0425058C1	089000-CB	B	-	-	-	-	-	C	N42-G	16	GY	0425058C1	089000-CB	<p>XFER CASE SWITCH PIGTAIL (9754B) (LOCATED AT TRANSFER CASE)</p>  <p>CONNECTOR 0587567C91</p> <table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N42</td> <td>16</td> <td>GY</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N42-G</td> <td>18</td> <td>WH</td> <td>0587578C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p style="text-align: right; font-size: x-small;">W/ WORKSTAR</p>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N42	16	GY	0587577C1	1652325C1	B	N42-G	18	WH	0587578C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																			
A	N42	16	GY	0425058C1	089000-CB																																																			
B	-	-	-	-	-																																																			
C	N42-G	16	GY	0425058C1	089000-CB																																																			
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RELEASE NO.	DATE	PART NO.	SHEET																																																					
92674A	18OCT14	AE08079252	012																																																					

Figure 826 Connector Composites (9753A), (9754), (9754B), (9754D)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.13. CONNECTOR COMPOSITES (9755), (9755B), (9755D), (9756), P. 13

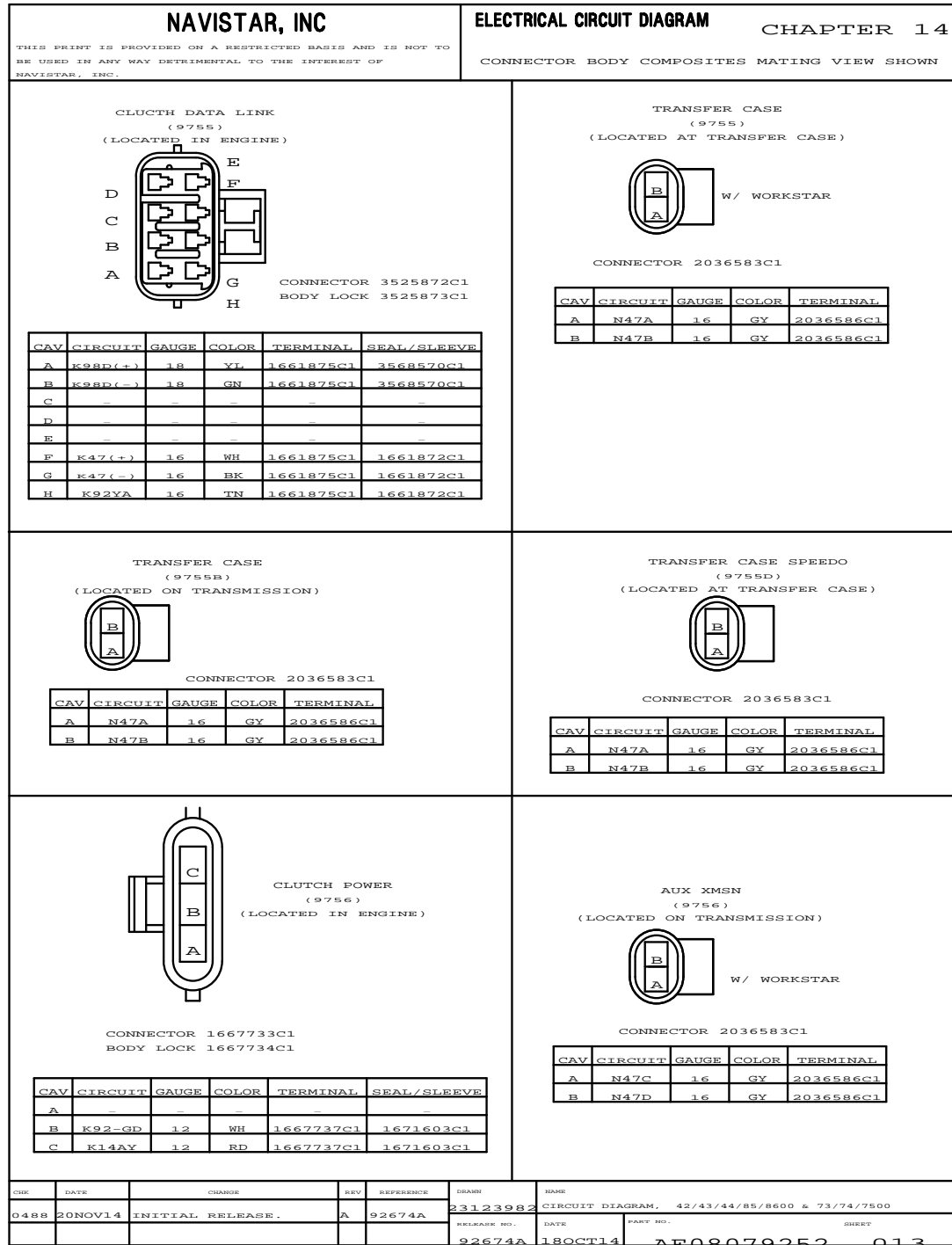


Figure 827 Connector Composites (9755), (9755B), (9755D), (9756)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.14. CONNECTOR COMPOSITES (9758), (9759), (9760), P. 14

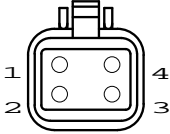

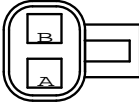
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 14																									
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																											
<p>COOLANT PUMP (9758) (LOCATED IN CHASSIS)</p>  <p>CONNECTOR 3601743C1 BODY LOCK 3557539C1</p> <table border="1" style="margin: 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>PLUG</td><td></td><td></td><td>0453133C1</td></tr><tr><td>2</td><td>N11-GHK</td><td>12</td><td>WH</td><td>3557534C1</td></tr><tr><td>3</td><td>N92HT</td><td>12</td><td>TN</td><td>3557534C1</td></tr><tr><td>4</td><td>N92HS</td><td>12</td><td>TN</td><td>3557534C1</td></tr></tbody></table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	PLUG			0453133C1	2	N11-GHK	12	WH	3557534C1	3	N92HT	12	TN	3557534C1	4	N92HS	12	TN	3557534C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																											
1	PLUG			0453133C1																											
2	N11-GHK	12	WH	3557534C1																											
3	N92HT	12	TN	3557534C1																											
4	N92HS	12	TN	3557534C1																											
<p>BUS TERMINATOR RESISTOR (9759) (LOCATED IN CHASSIS)</p>  <p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p> <table border="1" style="margin: auto; font-size: x-small;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>N98A(+)</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>N98A(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr></tbody></table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N98A(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	C	N98A(-)	18	GN	1661875C1	3568570C1	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
A	N98A(+)	18	YL	1661875C1	3568570C1																										
B	PLUG	-	-	2025431C1	-																										
C	N98A(-)	18	GN	1661875C1	3568570C1																										
<p>HEAT EXCHANGER (9760) (LOCATED IN CHASSIS)</p>  <p>CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1" style="margin: auto; font-size: x-small;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>N92HH</td><td>14</td><td>TN</td><td>2033816C1</td><td>0589391C1</td></tr><tr><td>B</td><td>N11-GHJ</td><td>12</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr></tbody></table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N92HH	14	TN	2033816C1	0589391C1	B	N11-GHJ	12	WH	2033816C1	0589391C1							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
A	N92HH	14	TN	2033816C1	0589391C1																										
B	N11-GHJ	12	WH	2033816C1	0589391C1																										
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 014																									

Figure 828 Connector Composites (9758), (9759), (9760)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.15. CONNECTOR COMPOSITES (9761F), (9762), (9763), (9764), P. 15

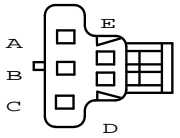

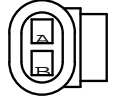

NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 14				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN									
LIFT AXLE (9761F) (LOCATED AT LIFT AXLE BEHIND CAB)					FIRST PUSHER LIFT AXLE (9762) (LOCATED AT PUSHER AXLE NEAR REAR AXLE)									
														
CONNECTOR 3522252C1 BODY LOCK 3522253C1					CONNECTOR 1661778C1 BODY LOCK 1661874C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE			
A*	N59ED	18	GY	1667742C1	1661872C1	A	N59EF	18	GY	1661875C1	1661872C1			
A*	N59EC	18	GY	1667742C1	1661872C1	B*	N59-GC	18	WH	1661875C1	1661872C1			
A*	N59EF	18	GY	1667742C1	1661872C1	B*	N59-GA	18	WH	1661875C1	1661872C1			
B*	N59ED	18	GY	1667742C1	1661872C1	* MUTUALLY EXCLUSIVE								
B*	N59EF	18	GY	1667742C1	1661872C1									
C	N59ED	18	GY	1667742C1	1661872C1									
D	-	-	-	-	-									
E	N71N	16	OR	1667742C1	1661872C1									
* MUTUALLY EXCLUSIVE														
SECOND PUSHER LIFT AXLE SOLENOID (9763) (LOCATED AT SECOND PUSHER AXLE BETWEEN CAB AND REAR)						THIRD PUSHER AXLE (9764) (LOCATED AT SECOND PUSHER AXLE BETWEEN CAB AND REAR)								
														
CONNECTOR 1661778C1 BODY LOCK 1661874C1						CONNECTOR 1661778C1 BODY LOCK 1661874C1								
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SIV	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE			
A	N59EC	18	GY	1661875C1	1661872C1	A	N59ED	18	GY	1661875C1	1661872C1			
B*	N59-GB	18	WH	1661875C1	1661872C1	B	N59-GD	18	WH	1661875C1	1661872C1			
B#	N59-GA	18	WH	1661875C1	1661872C1	* MUTUALLY EXCLUSIVE								
# W/2 STERABLE PUSHERS														
CNC	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	015						

Figure 829 Connector Composites (9761F), (9762), (9763), (9764)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.16. CONNECTOR COMPOSITES (9765), (9766), (9767), (9775F), (9776F), P. 16


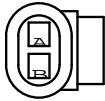
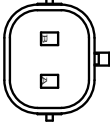
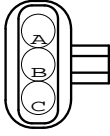

NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 14																																																										
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FOURTH PUSHER AXLE (9765) (LOCATED AT FOURTH PUSHER AXLE BETWEEN CAB AND REAR)					WORK LIGHT (9766) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)																																																															
																																																																				
CONNECTOR 1661778C1 BODY LOCK 1661874C1					W/ WORKSTAR CONNECTOR 1661778C1 BODY LOCK 1661874C1																																																															
<table border="1" style="width: 100%; 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>N59EB</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>N59-GE</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	A	N59EB	18	GY	1661875C1	1661872C1	B	N59-GE	18	WH	1661875C1	1661872C1	<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>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> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N65	16	OR	1661875C1	1661872C1	B	N65-G	16	WH	1661875C1	1661872C1																		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV																																																															
A	N59EB	18	GY	1661875C1	1661872C1																																																															
B	N59-GE	18	WH	1661875C1	1661872C1																																																															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																															
A	N65	16	OR	1661875C1	1661872C1																																																															
B	N65-G	16	WH	1661875C1	1661872C1																																																															
					WORK LIGHT (9767) (LOCATED BETWEEN CENTER CHASSIS AND REAR CHASSIS)																																																															
CONNECTOR 3543888C1 BODY LOCK 1661874C1					CONNECTOR 1661778C1 BODY LOCK 1661874C1																																																															
<table border="1" style="width: 100%; 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>R65</td> <td>16</td> <td>OR</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>R65-G</td> <td>16</td> <td>WH</td> <td>1667742C1</td> <td>1661872C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R65	16	OR	1667742C1	1661872C1	B	R65-G	16	WH	1667742C1	1661872C1	<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R65</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>R65-G</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>										CAV	CIRC	GA	COLOR	TERMINAL	SEAL/SLV	A	R65	16	OR	1661875C1	1661872C1	B	R65-G	16	WH	1661875C1	1661872C1																		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																															
A	R65	16	OR	1667742C1	1661872C1																																																															
B	R65-G	16	WH	1667742C1	1661872C1																																																															
CAV	CIRC	GA	COLOR	TERMINAL	SEAL/SLV																																																															
A	R65	16	OR	1661875C1	1661872C1																																																															
B	R65-G	16	WH	1661875C1	1661872C1																																																															
LOAD INDICATOR TO CENTER CHASSIS (9775F) (LOCATED BETWEEN CENTER CHASSIS AND REAR CHASSIS)					TRANSFER CASE JUMPER TO CENTER CHASSIS (9776F) (LOCATED AT TRANSFER CASE)																																																															
																																																																				
CONNECTOR 1667740C1 BODY LOCK 1667771C1					CONNECTOR 3537133C1																																																															
<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A*</td> <td>R9M</td> <td>18</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>A3</td> <td>R9N</td> <td>18</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>B*</td> <td>R6H</td> <td>18</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>B3</td> <td>R6J</td> <td>18</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>C*</td> <td>R61C</td> <td>18</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>C3</td> <td>R61D</td> <td>18</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A*	R9M	18	GY	1667742C1	1661872C1	A3	R9N	18	GY	1667742C1	1661872C1	B*	R6H	18	GY	1667742C1	1661872C1	B3	R6J	18	GY	1667742C1	1661872C1	C*	R61C	18	GY	1667742C1	1661872C1	C3	R61D	18	GY	1667742C1	1661872C1	<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R10B</td> <td>8</td> <td>WH</td> <td>3700153C1</td> <td>3537135C1</td> </tr> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R10B	8	WH	3700153C1	3537135C1
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																																															
A*	R9M	18	GY	1667742C1	1661872C1																																																															
A3	R9N	18	GY	1667742C1	1661872C1																																																															
B*	R6H	18	GY	1667742C1	1661872C1																																																															
B3	R6J	18	GY	1667742C1	1661872C1																																																															
C*	R61C	18	GY	1667742C1	1661872C1																																																															
C3	R61D	18	GY	1667742C1	1661872C1																																																															
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A	R10B	8	WH	3700153C1	3537135C1																																																															
* W/ REAR LOAD INDICATOR (6X4) * W/ LOAD INDICATOR (4X2)																																																																				
<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> </tr> </thead> <tbody> <tr> <td>0488</td> <td>20NOV14</td> <td>INITIAL RELEASE.</td> <td>A</td> <td>92674A</td> </tr> </tbody> </table>					CHK	DATE	CHANGE	REV	REFERENCE	0488	20NOV14	INITIAL RELEASE.	A	92674A	<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>DRWN</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>23123982</td> <td>CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500</td> </tr> </tbody> </table>					DRWN	NAME	23123982	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>RELEASE NO.</th> <th>DATE</th> <th>PART NO.</th> <th>SHEET</th> </tr> </thead> <tbody> <tr> <td>92674A</td> <td>18OCT14</td> <td>AE08079252</td> <td>016</td> </tr> </tbody> </table>					RELEASE NO.	DATE	PART NO.	SHEET	92674A	18OCT14	AE08079252	016																																
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92674A	18OCT14	AE08079252	016																																																																	

Figure 830 Connector Composites (9765), (9766), (9767), (9775F), (9776F)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.17. CONNECTOR COMPOSITES (9777), (9777A), (9777E), (9777M), P. 17

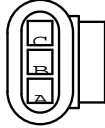

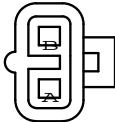
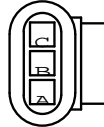
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 14																												
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<p>SAHR (9777) (LOCATED IN FRONT OF REAR AXLE LEFT SIDE)</p>  <p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p> <table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N90D</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>N94-GE</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>N44D</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table>															CAV	CIRC	GA	COLOR	TERMINAL	SEAL/SLV	A	N90D	16	GY	1661875C1	1661872C1	B	N94-GE	18	WH	1661875C1	1661872C1	C	N44D	18	GY	1661875C1	3568570C1
CAV	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%; 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	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%; 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						
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%; 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
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																
0488	20NOV14	INITIAL RELEASE.	A	92674A	23123982	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																
RELEASE NO.					DATE	PART NO.		SHEET																														
92674A					18OCT14	AE08079252		017																														

Figure 831 Connector Composites (9777), (9777A), (9777E), (9777M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.18. CONNECTOR COMPOSITES (9778), (9778F), (9778F1), P. 18

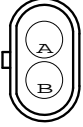



NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 14																																																				
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REMOTE START / STOP (9778) (LOCATED BACK OF CAB FOR TRAILER SOCKET INTERCONNECT) <div style="text-align: center; margin: 10px 0;">  </div> CONNECTOR 0587567C91 <table border="1" style="width: 100%; font-size: x-small; margin-top: 5px;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N59CA</td> <td>16</td> <td>GY</td> <td>0587575C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N104CA</td> <td>16</td> <td>DKBL</td> <td>0587575C1</td> <td>1652325C1</td> </tr> </tbody> </table>					CAV	CIRC	GA	COLOR	TERMINAL	SEAL/SLV	A	N59CA	16	GY	0587575C1	1652325C1	B	N104CA	16	DKBL	0587575C1	1652325C1	GREEN ABS TRAILER SOCKET GND (9778F) (LOCATED AT BACK OF CAB FOR TRAILER SOCKET INTERCONNECT) <div style="text-align: center; margin: 10px 0;">  </div> CONNECTOR 3537133C1 <table border="1" style="width: 100%; font-size: x-small; margin-top: 5px;"> <thead> <tr> <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> <p style="text-align: center; font-size: x-small; margin-top: 10px;">* MUTUALLY EXCLUSIVE</p>										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
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TRAILER SOCKET GND (9778F) (LOCATED AT BACK OF CAB FOR TRAILER SOCKET INTERCONNECT) <div style="text-align: center; margin: 10px 0;">  </div> CONNECTOR 3517817C1 <table border="1" style="width: 100%; font-size: x-small; margin-top: 5px;"> <thead> <tr> <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	TRAILER SOCKET GND (9778F1) (LOCATED AT BACK OF CAB FOR TRAILER SOCKET INTERCONNECT) <div style="text-align: center; margin: 10px 0;">  </div> CONNECTOR 3537133C1 <table border="1" style="width: 100%; font-size: x-small; margin-top: 5px;"> <thead> <tr> <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> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R10A	8	WH	3700153C1	3537135C1																								
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RELEASE NO.		DATE		PART NO.		SHEET																																																								
92674A		18OCT14		AE08079252		018																																																								

Figure 832 Connector Composites (9778), (9778F), (9778F1)

14.19. CONNECTOR COMPOSITES (9779F), (9779F1), P. 19

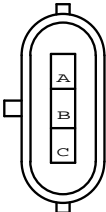
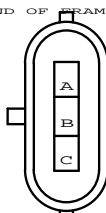
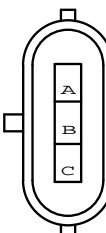
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<p>TRAILER SOCKET #2 (9779F) (LOCATED AT BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)</p>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>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> <p>CONNECTOR 1667732C1 BODY LOCK 1667734C1</p>									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>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A#</td> <td>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>CONNECTOR 1667732C1 BODY LOCK 1667734C1</p> <p style="font-size: x-small;"> * W/ TRAILER SOCKET - BOC # W/ TRAILER & AUX SOCKET - BOC ## W/ TRAILER & AUX ISO SOCKET - BOC @ W/ TRAILER SOCKET - BOC & 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
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																	
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<p>TRAILER SOCKET 2 (9779F1) (LOCATED BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)</p>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>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> <p>CONNECTOR 1667732C1 BODY LOCK 1667734C1</p>									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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Figure 833 Connector Composites (9779F), (9779F1)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.20. CONNECTOR COMPOSITES (9780M), (9780M1), P. 20

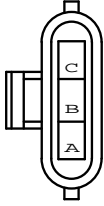
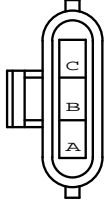
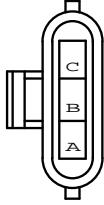
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																	
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B#	N68B	10	BN	1667737C1	1667735C1																																																																																	
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B*	N68T	10	BN	1667737C1	1667735C1																																																																																	
B##	N68D	10	BN	1667737C1	1667735C1																																																																																	
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C*	N94T	10	GY	1667737C1	1667735C1																																																																																	
CH	N94T	10	GY	1667737C1	1667735C1																																																																																	
C##	N72V	10	DK BL	1667737C1	1667735C1																																																																																	
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B	R68A	10	BN	1667737C1	1667735C1																																																																																	
C	R94A	10	DKBL	1667737C1	1667735C1																																																																																	
<p>TRAILER SOCKET 1 (9780M1) (LOCATED BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>CONNECTOR 1667733C1 BODY LOCK 1667734C1</p> </div> <div> <table border="1" style="font-size: x-small; border-collapse: collapse;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>R70A</td><td>10</td><td>RD</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>B</td><td>R68A</td><td>10</td><td>BN</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>C</td><td>R94A</td><td>10</td><td>DKBL</td><td>1667737C1</td><td>1667735C1</td></tr> </tbody> </table> </div> </div>									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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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		020																																																																														

Figure 834 Connector Composites (9780M), (9780M1)

14.21. CONNECTOR COMPOSITES (9781M), (9782F), (9782M), P. 21

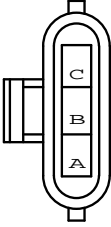
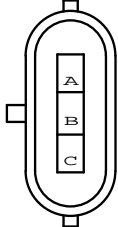
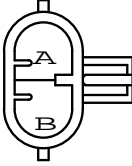
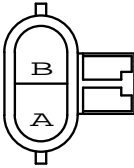
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 14																									
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
A	N70C	10	RD	1667737C1	1667735C1																										
B	N68C	10	BN	1667737C1	1667735C1																										
C	N72	12	OR	1667737C1	1671603C1																										
<p>CONNECTOR 1667733C1 BODY LOCK 1667734C1</p>																															
<p>BLACK AUX TRAILER SOCKET #2 (9782F) (LOCATED BACK OF CAB FOR AUX TRAILER SOCKET INTERCONNECT)</p>																															
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
A	N54C	10	BN	2025425C1	1667735C1																										
B	N56C	10	YL	2025425C1	1667735C1																										
C	N57C	10	LTGN	2025425C1	1667735C1																										
<p>CONNECTOR 1667732C1 BODY LOCK 1667734C1</p>																															
<p>ISO TRAILER SOCKET (9782F) (LOCATED BACK OF CAB FOR TRAILER SOCKET INTERCONNECT)</p>																															
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
A	R94T	10	DKBL	2025423C1	2025427C1																										
B	R94TA	12	YL	2025422C1	2025422C1																										
<p>CONNECTOR 2031520C1 BODY LOCK 2033927C1</p>																															
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
A	R94T	10	DKBL	2031531C1	2025427C1																										
B	R94TA	12	YL	2031531C1	2025428C1																										
<p>CONNECTOR 2031522C1 BODY LOCK 2033927C1</p>																															
CNC	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																									
0488	20NOV14	INITIAL RELEASE	A	92674A	23123982	CIRCUIT DIAGRAM,																									
					RELEASE NO.	DATE	PART NO.																								
					92674A	18OCT14	AE08079252																								
							021																								

Figure 835 Connector Composites (9781M), (9782F), (9782M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.22. CONNECTOR COMPOSITES (9783), (9783F), (9783M), (9784M), (9785M), P. 22

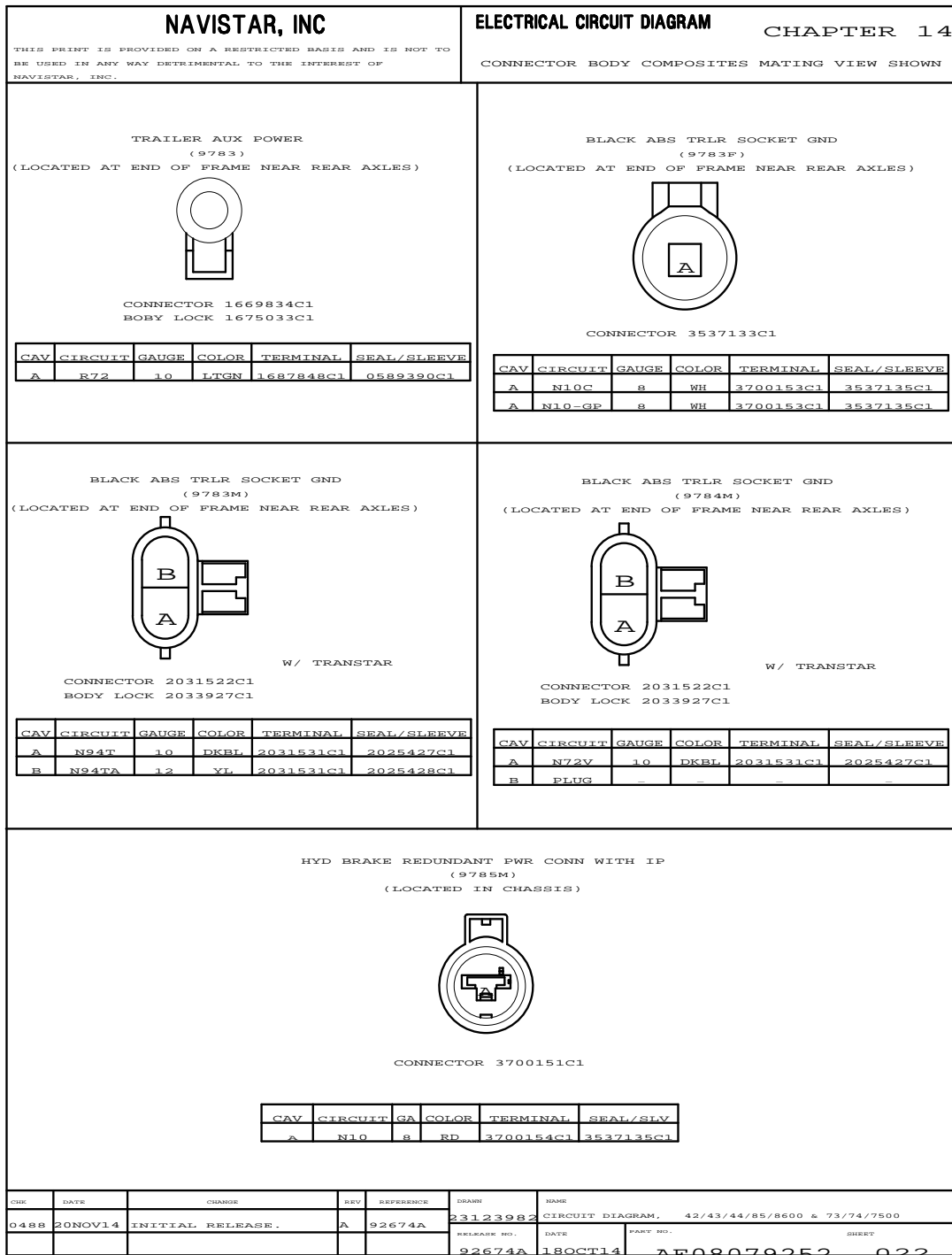


Figure 836 Connector Composites (9783), (9783F), (9783M), (9784M), (9785M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.23. CONNECTOR COMPOSITES (9800), P. 23

NAVISTAR, INC

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 14

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CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

CONNECTION TO CENTER HARNESS (9800)
(LOCATED ON LEFT FRAME RAIL BEHIND CAB)

CONNECTOR 3558022C1
BODY LOCK 3558056C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	R71	14	OR	3559037C1	3575783C1
2	R56	14	OR	3559037C1	3575783C1
3	R57	14	OR	3559037C1	3575783C1
4	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*	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*	[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*	[RR94R]	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

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
17*	R94E	16	BK	3559037C1	3509903C1
17*	R94SS	16	BK	3559037C1	3509903C1
17*	R94BZ	16	BK	3559037C1	3509903C1
17*	[R94WN]	18	BL	3559036C1	3509903C1
17*	[R94L]	18	BL	3559036C1	3509903C1
17#	R94WNR	12	GY	3559037C1	3575783C1
18*	R94LB	16	GY	3559037C1	3509903C1
18*	R94N	16	RD	3559037C1	3509903C1
18*	R94F	16	RD	3559037C1	3509903C1
18*	R94TT	16	RD	3559037C1	3509903C1
18*	R94BY	16	RD	3559037C1	3509903C1
18*	[R94G7]	18	GN	3559036C1	3509903C1
18*	[R94GB]	18	GN	3559036C1	3509903C1
18#	R94G7R	12	GY	3559037C1	3575783C1
19*	R94LC	16	GY	3559037C1	3509903C1
19*	R94P	16	BN	3559037C1	3509903C1
19*	R94H	16	BN	3559037C1	3509903C1
19*	R94UU	16	BN	3559037C1	3509903C1
19*	R94BP	16	BN	3559037C1	3509903C1
19*	[R94WR]	18	BN	3559036C1	3509903C1
19*	[R94M]	18	BN	3559036C1	3509903C1
19#	R94WRR	12	GY	3559037C1	3575783C1
20*	R94RT	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*	[R94WL]	18	BL	3559036C1	3509903C1
20*	[R94E]	18	BL	3559036C1	3509903C1
20#	R94WUR	12	GY	3559037C1	3575783C1
21*	R94RK	16	GY	3559037C1	3509903C1
21*	R94U	16	LTGN	3559037C1	3509903C1
21*	R94K	16	LTGN	3559037C1	3509903C1
21*	R94W	16	LTGN	3559037C1	3509903C1
21*	R94BT	16	LTGN	3559037C1	3509903C1
21*	[R94G6]	18	GN	3559036C1	3509903C1
21*	[R94G9]	18	GN	3559036C1	3509903C1
22*	R94RL	16	GY	3559037C1	3509903C1
21#	R94G6R	12	GY	3559037C1	3575783C1
22*	R94V	16	LTBL	3559037C1	3509903C1
22*	R94L	16	LTBL	3559037C1	3509903C1
22*	R94X	16	LTBL	3559037C1	3509903C1
22*	R94BU	16	LTBL	3559037C1	3509903C1
22*	[R94WW]	18	BN	3559036C1	3509903C1
22*	[R94S]	18	BN	3559036C1	3509903C1
22#	R94WWR	12	GY	3559037C1	3575783C1
23*	R94BD	16	BN	3559037C1	3509903C1
23*	[R94WX]	18	BN	3559036C1	3509903C1
24*	R94BE	16	YL	3559037C1	3509903C1
24*	[R94WZ]	18	BL	3559036C1	3509903C1

W/ WABCO AIR ABS

* MUTUALLY EXCLUSIVE

CHG	DATE	CHANGE	REV	REFERENCE	DATE	NAME	23123982	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500				
0488	24MAR15	REVISED AND REDRAWN.	B	92927M	RELEASE NO.	DATE	92674A	18OCT14	PART NO.	AE08079252	SHEET	023

Figure 837 Connector Composites (9800)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.24. CONNECTOR COMPOSITES (9800), P. 24

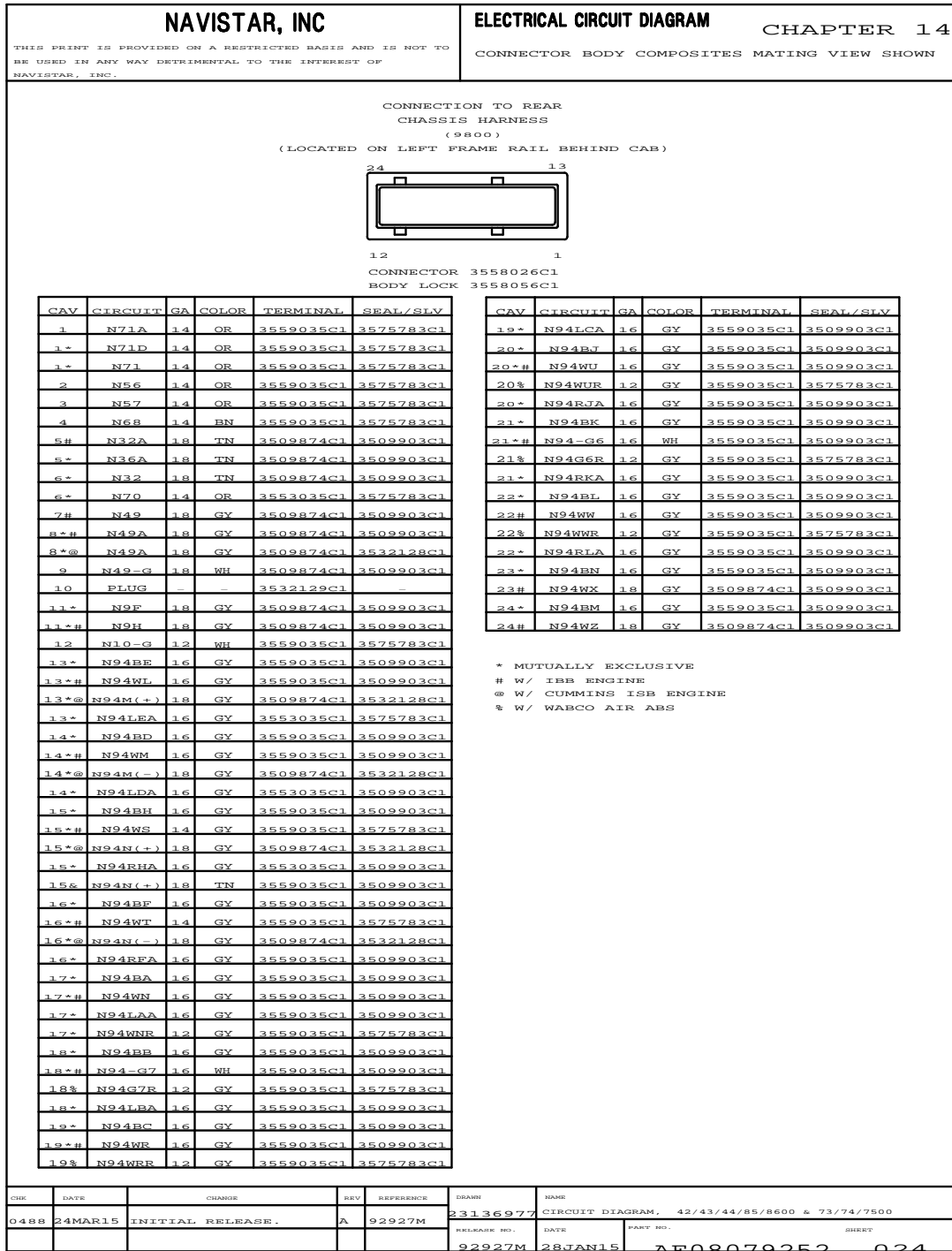


Figure 838 Connector Composites (9800)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.25. CONNECTOR COMPOSITES (9801), (9801A), (9801B), (9803), (9809), P. 24A

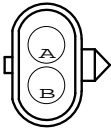
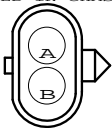
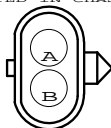
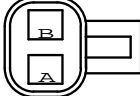

NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 14																						
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.										CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																						
<p>FUEL HEATER (9801)</p>  <p>CONNECTOR 0587567C91</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N19</td> <td>16</td> <td>GY</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N19-G</td> <td>16</td> <td>WH</td> <td>0587577C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p>W/ DURASTAR</p>															CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	N19	16	GY	0587577C1	1652325C1	B	N19-G	16	WH	0587577C1	1652325C1
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																											
A	N19	16	GY	0587577C1	1652325C1																											
B	N19-G	16	WH	0587577C1	1652325C1																											
<p>FUEL HEATER (9801A) (LOCATED IN CHASSIS)</p>  <p>CONNECTOR 0587567C91</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N19</td> <td>16</td> <td>GY</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N19-G</td> <td>16</td> <td>WH</td> <td>0587577C1</td> <td>1652325C1</td> </tr> </tbody> </table>															CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	N19	16	GY	0587577C1	1652325C1	B	N19-G	16	WH	0587577C1	1652325C1
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																											
A	N19	16	GY	0587577C1	1652325C1																											
B	N19-G	16	WH	0587577C1	1652325C1																											
<p>LEFT UC FUEL HEATER (9801B) (LOCATED IN CHASSIS)</p>  <p>CONNECTOR 0587567C91</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N19</td> <td>16</td> <td>GY</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N19-G</td> <td>16</td> <td>WH</td> <td>0587577C1</td> <td>1652325C1</td> </tr> </tbody> </table>															CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	N19	16	GY	0587577C1	1652325C1	B	N19-G	16	WH	0587577C1	1652325C1
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																											
A	N19	16	GY	0587577C1	1652325C1																											
B	N19-G	16	WH	0587577C1	1652325C1																											
<p>RACOLD FUEL HEATER BOC LSM (9803) (LOCATED IN CHASSIS)</p>  <p>CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N19</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N19-G</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>															CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	N19	16	GY	2033819C1	1652325C1	B	N19-G	16	WH	2033819C1	1652325C1
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																											
A	N19	16	GY	2033819C1	1652325C1																											
B	N19-G	16	WH	2033819C1	1652325C1																											
<p>IDLE CONTROL TEMP SENDER (9809) (LOCATED NEAR FRONT BUMPER)</p>  <p>CONNECTOR 3518183C1 BODY LOCK 3518287C1</p> <table border="1" style="width: 100%; border-collapse: collapse; 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>N41</td> <td>16</td> <td>TN</td> <td>3626031C1</td> </tr> <tr> <td>2</td> <td>N41-G</td> <td>16</td> <td>TN</td> <td>3626031C1</td> </tr> </tbody> </table> <p>W/ TRANSTAR</p>															CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	N41	16	TN	3626031C1	2	N41-G	16	TN	3626031C1			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																												
1	N41	16	TN	3626031C1																												
2	N41-G	16	TN	3626031C1																												
CNC	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	03MAR15	AE08079252 24A																									

Figure 839 (9801), (9801A), (9801B), (9803), (9809)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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																																																						
<div></div> <div>IDLE CONTROL TEMP SENDER (9810) (LOCATED NEAR FRONT BUMPER)</div> <div>CONNECTOR 3518182C1 W/ TRANSTAR BODY LOCK 3518184C1</div> <table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr><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></table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	N41	16	TN	3518963C1	2	N41-G	16	TN	3518963C1	<div></div> <div>FORWARD REAR AXLE TEMP SENDER (9811) (LOCATED ON LEFT FRAME RAIL BY FORWARD REAR AXLE)</div> <div>* MUTUALLY EXCLUSIVE CONNECTOR 3536864C1</div> <table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr><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></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
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																							
1	N41	16	TN	3518963C1																																																							
2	N41-G	16	TN	3518963C1																																																							
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																																																						
<div></div> <div>REAR AXLE TEMP SENDER (9812) (LOCATED ON LEFT FRAME RAIL BY REAR REAR AXLE)</div> <div>* MUTUALLY EXCLUSIVE CONNECTOR 3536864C1</div> <table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></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>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></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	<div></div> <div>FRONT REAR AXLE DIFF LOCK (9814) WARNING LIGHT (LOCATED ON FRONT OF FORWARD REAR AXLE)</div> <div>CONNECTOR 0587567C91</div> <table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr><tr><td>A</td><td>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></table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R49	18	GY	0587578C1	1652325C1	B	R49-G	18	WH	0587578C1	1652325C1			
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																																																						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																						
A	R49	18	GY	0587578C1	1652325C1																																																						
B	R49-G	18	WH	0587578C1	1652325C1																																																						
<div></div> <div>REAR AXLE MERITOR LOCK WARN LIGHT (9814A) (LOCATED IN CHASSIS)</div> <div>CONNECTOR 3593684C91</div> <table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr><tr><td>A</td><td>R49</td><td>18</td><td>WH</td><td>0587578C1</td><td>1652325C1</td></tr><tr><td>B</td><td>R49-G</td><td>18</td><td>WH</td><td>0587578C1</td><td>1652325C1</td></tr></table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R49	18	WH	0587578C1	1652325C1	B	R49-G	18	WH	0587578C1	1652325C1	<div></div> <div>REAR REAR AXLE DIFF LOCK WARNING LIGHT (9815) (LOCATED ON FRONT OF REAR REAR AXLE)</div> <div>CONNECTOR 0587567C91</div> <table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr><tr><td>A</td><td>R49A</td><td>18</td><td>GY</td><td>0587578C1</td><td>1652325C1</td></tr><tr><td>B</td><td>R49-GA</td><td>18</td><td>WH</td><td>0587578C1</td><td>1652325C1</td></tr></table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R49A	18	GY	0587578C1	1652325C1	B	R49-GA	18	WH	0587578C1	1652325C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																						
A	R49	18	WH	0587578C1	1652325C1																																																						
B	R49-G	18	WH	0587578C1	1652325C1																																																						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																						
A	R49A	18	GY	0587578C1	1652325C1																																																						
B	R49-GA	18	WH	0587578C1	1652325C1																																																						
<div></div> <div>RR AXLE DIFF MERITOR WARN LIGHT (9815A) (LOCATED IN CHASSIS)</div> <div>CONNECTOR 3593684C91</div> <table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr><tr><td>A</td><td>R49A</td><td>18</td><td>WH</td><td>0587578C1</td><td>1652325C1</td></tr><tr><td>B</td><td>R49-GA</td><td>18</td><td>WH</td><td>0587578C1</td><td>1652325C1</td></tr></table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R49A	18	WH	0587578C1	1652325C1	B	R49-GA	18	WH	0587578C1	1652325C1	<div></div> <div>LIFT AXLE (9820F) (LOCATED BACK OF CAB FOR AUX TRAILER SOCKET INTERCONNECT)</div> <div>CONNECTOR 3543888C1 BODY LOCK 1661874C1</div> <table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr><tr><td>A</td><td>R59DC</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr><tr><td>B</td><td>R59DD</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr></table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R59DC	18	GY	1667742C1	1661872C1	B	R59DD	18	GY	1667742C1	1661872C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																						
A	R49A	18	WH	0587578C1	1652325C1																																																						
B	R49-GA	18	WH	0587578C1	1652325C1																																																						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																						
A	R59DC	18	GY	1667742C1	1661872C1																																																						
B	R59DD	18	GY	1667742C1	1661872C1																																																						
<div></div> <div>LIFT AXLE (9820M) (LOCATED BACK OF CAB FOR AUX TRAILER SOCKET INTERCONNECT)</div> <div>CONNECTOR 1661778C1 BODY LOCK 1661874C1</div> <table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr><tr><td>A</td><td>N59ED</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr><tr><td>B*</td><td>N59-GD</td><td>18</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr><tr><td>B*</td><td>N59-GA</td><td>18</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr></table> <div>* MUTUALLY EXCLUSIVE</div>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N59ED	18	GY	1661875C1	1661872C1	B*	N59-GD	18	WH	1661875C1	1661872C1	B*	N59-GA	18	WH	1661875C1	1661872C1	<div></div> <div>TAG AXLE (9824) (LOCATED BACK OF CAB)</div> <div>CONNECTOR 1661778C1 BODY LOCK 1661874C1</div> <table><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr><tr><td>A</td><td>R59DC</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr><tr><td>B</td><td>R59DD</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr></table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R59DC	18	GY	1661875C1	1661872C1	B	R59DD	18	GY	1661875C1	1661872C1			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																						
A	N59ED	18	GY	1661875C1	1661872C1																																																						
B*	N59-GD	18	WH	1661875C1	1661872C1																																																						
B*	N59-GA	18	WH	1661875C1	1661872C1																																																						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																						
A	R59DC	18	GY	1661875C1	1661872C1																																																						
B	R59DD	18	GY	1661875C1	1661872C1																																																						
CHK	DATE	CHANGE	REV	REFERENCE	DIAGN	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 840 Connector Composites (9810), (9811), (9812), (9814), (9814A), (9815), (9815A), (9820F), (9820M), (9824)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.27. CONNECTOR COMPOSITES (9830), (9832), (9865M), (9865MA), (9900), (9900A), (9900AC), P. 26

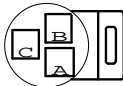
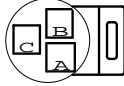



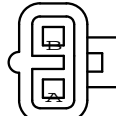
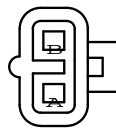
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 13				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN									
SUSPENSION TRANSDUSER (9830) (LOCATED ON REAR SUSPENSION AIR BAG - RIGHT SIDE)														
														
CONNECTOR 1678137C1														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL										
A	R9M	18	GY	1651943C1										
B	R6H	18	GY	1651943C1										
C	R61C	18	GY	1651943C1										
RR SUSPENSION TRANSDUSER (9832) (LOCATED ON REAR SUSPENSION AIR BAG - LEFT SIDE)														
														
CONNECTOR 1678137C1														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL										
A	R9N	18	GY	1651943C1										
B	R6J	18	GY	1651943C1										
C	R61D	18	GY	1651943C1										
LOAD INDICATOR (9865M) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)														
														
CONNECTOR 1667741C1 BODY LOCK 1667771C1														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE									
A	N110B	18	GY	1661875C1	1661872C1									
B	N106B	18	GY	1661875C1	1661872C1									
C	N61B	18	GY	1661875C1	1661872C1									
LOAD INDICATOR (9865MA) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)														
														
CONNECTOR 1667741C1 BODY LOCK 1667771C1														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE									
A	N110B	18	GY	1661872C1	1661872C1									
B	N106B	18	GY	1661872C1	1661872C1									
C	N61B	18	GY	1661872C1	1661872C1									
AIR DRYER (9900) (LOCATED ON LEFT FRAME RAIL BEHIND DAYCAB UNDER SLEEPER)														
														
CONNECTOR 1673790C1 BODY LOCK 1673791C1														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE									
A	N39B	16	GY	2033819C1	1652325C1									
B	N39-GB	16	WH	2033819C1	1652325C1									
LEFT SIDE AIR DRYER (9900A) (LOCATED ON LEFT REAR FRAME RAIL)														
														
CONNECTOR 1673790C1 BODY LOCK 1673791C1														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE									
A	N39B	16	GY	2033819C1	1652325C1									
B	N39-GB	16	WH	2033819C1	1652325C1									
I/S LEFT RAIL AIR DRYER (9900AC) (LOCATED ON LEFT REAR FRAME RAIL)														
														
CONNECTOR 1673790C1 BODY LOCK 1673791C1														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE									
A	N39B	16	GY	2033819C1	1652325C1									
B	N39-GB	16	WH	2033819C1	1652325C1									
CHK	DATE	CHANGE	REV	REFERENCE	DRWN	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	026						

Figure 841 Connector Composites (9830), (9832), (9865M), (9865MA), (9900), (9900A), (9900AC)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.28. CONNECTOR COMPOSITES (9900AD), (9900AE), (9900AJ), (9900AP), (9900AQ), (9900AR), P. 27

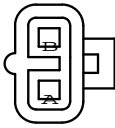
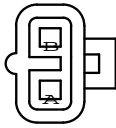
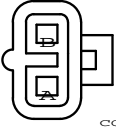

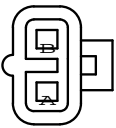

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THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN									
I/S LEFT RAIL AIR DRYER (9900AD) (LOCATED ON LEFT REAR FRAME RAIL) 					O/S LEFT RAIL AIR DRYER (9900AE) (LOCATED ON LEFT REAR FRAME RAIL) 									
CONNECTOR 1673790C1 BODY LOCK 1673791C1					CONNECTOR 1673790C1 BODY LOCK 1673791C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE			
A	N39B	16	GY	2033819C1	1652325C1	A	N39B	16	WH	2033819C1	1652325C1			
B	N39-GB	16	WH	2033819C1	1652325C1	B	N39-GB	16	GY	2033819C1	1652325C1			
O/S RIGHT RAIL AIR DRYER (9900AJ) (LOCATED ON LEFT REAR FRAME RAIL) 					O/S RIGHT RAIL AIR DRYER (9900AP) (LOCATED ON LEFT REAR FRAME RAIL) 									
CONNECTOR 1673790C1 BODY LOCK 1673791C1					CONNECTOR 1673790C1 BODY LOCK 1673791C1									
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV			
A	N39B	16	GY	2033819C1	1652325C1	A	N39B	16	GY	2033819C1	1652325C1			
B	N39-GB	16	WH	2033819C1	1652325C1	B	N39-GB	16	WH	2033819C1	1652325C1			
LEFT RAIL AIR DRYER (9900AQ) (LOCATED ON LEFT REAR FRAME RAIL) 					LEFT RAIL AIR DRYER (9900AR) (LOCATED ON LEFT REAR FRAME RAIL) 									
CONNECTOR 1673790C1 BODY LOCK 1673791C1					CONNECTOR 1673790C1 BODY LOCK 1673791C1									
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV			
A	N39B	16	GY	2033819C1	1652325C1	A	N39B	16	GY	2033819C1	1652325C1			
B	N39-GB	16	WH	2033819C1	1652325C1	B	N39-GB	16	WH	2033819C1	1652325C1			
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME								
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		027					

Figure 842 Connector Composites (9900AD), (9900AE), (9900AJ), (9900AP), (9900AQ), (9900AR)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.29. CONNECTOR COMPOSITES (9900C), (9900C1), (9900C2), (9900D), (9900E), P. 28

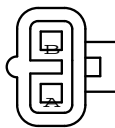
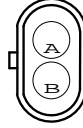
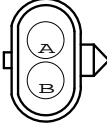
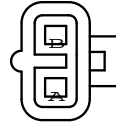

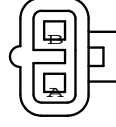
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 14																																																				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																									
LEFT REAR AIR DRYER (9900C) (LOCATED ON LEFT REAR FRAME RAIL) 					LEFT REAR AD-IP AIR DRYER (9900C1) (LOCATED ON LEFT REAR FRAME RAIL) 																																																									
CONNECTOR 1673790C1 BODY LOCK 1673791C1 <table border="1" style="width: 100%; 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>N39B</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N39-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	N39B	18	GY	2033819C1	1652325C1	B	N39-GB	16	WH	2033819C1	1652325C1	CONNECTOR 0587567C91 BODY LOCK 1661874C1 <table border="1" style="width: 100%; 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>N39B</td> <td>18</td> <td>GY</td> <td>0587578C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N39-GB</td> <td>16</td> <td>WH</td> <td>0587577C1</td> <td>1652325C1</td> </tr> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N39B	18	GY	0587578C1	1652325C1	B	N39-GB	16	WH	0587577C1	1652325C1												
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B	N39-GB	16	WH	0587577C1	1652325C1																																																									
LEFT REAR AD-IP AIR DRYER CREW (9900C2) (LOCATED ON LEFT REAR FRAME RAIL) 					RIGHT REAR AIR DRYER (9900D) (LOCATED ON RIGHT REAR FRAME RAIL) 																																																									
CONNECTOR 0587567C91 BODY LOCK 1661874C1 <table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GA</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N39B</td> <td>18</td> <td>GY</td> <td>0587578C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N39-GB</td> <td>16</td> <td>WH</td> <td>0587577C1</td> <td>1652325C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV	A	N39B	18	GY	0587578C1	1652325C1	B	N39-GB	16	WH	0587577C1	1652325C1	CONNECTOR 1673790C1 BODY LOCK 1673791C1 <table border="1" style="width: 100%; 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>N39B</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>A</td> <td>N39B</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N39-GB</td> <td>18</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N39-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	N39B	18	GY	2033819C1	1652325C1	A	N39B	16	GY	2033819C1	1652325C1	B	N39-GB	18	WH	2033819C1	1652325C1	B	N39-GB	16	WH	2033819C1	1652325C1
CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV																																																									
A	N39B	18	GY	0587578C1	1652325C1																																																									
B	N39-GB	16	WH	0587577C1	1652325C1																																																									
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A	N39B	18	GY	2033819C1	1652325C1																																																									
A	N39B	16	GY	2033819C1	1652325C1																																																									
B	N39-GB	18	WH	2033819C1	1652325C1																																																									
B	N39-GB	16	WH	2033819C1	1652325C1																																																									
AIR DRYER EXT CAB (9900E) (LOCATED ON LEFT REAR FRAME RAIL) 					AIR DRYER (9900E) (LOCATED ON LEFT REAR FRAME RAIL) 																																																									
W/ WORKSTAR CONNECTOR 1673790C1 BODY LOCK 1673791C1 <table border="1" style="width: 100%; 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>N39B</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N39-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	N39B	16	GY	2033819C1	1652325C1	B	N39-GB	16	WH	2033819C1	1652325C1	CONNECTOR 1673790C1 BODY LOCK 1673791C1 <table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M39B</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M39-GB</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M39B	16	GY	2033819C1	1652325C1	B	M39-GB	16	WH	2033819C1	1652325C1												
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CNC	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		028																																																						

Figure 843 Connector Composites (9900C), (9900C1), (9900C2), (9900D), (9900E)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.30. CONNECTOR COMPOSITES (9900G), (9911), (9913B), P. 29



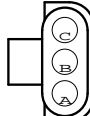
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<p>RIGHT SIDE AIR DRYER (9900G) (LOCATED ON LEFT REAR FRAME RAIL)</p>  <p>W/ WORKSTAR</p> <p>CONNECTOR 1673790C1 BODY LOCK 1673791C1</p> <table border="1" style="margin: auto; font-size: x-small;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>N39B</td><td>16</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr><tr><td>B</td><td>N39-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	N39B	16	GY	2033819C1	1652325C1	B	N39-GB	16	WH	2033819C1	1652325C1	<p>LEFT REAR WHEEL SPEED SENSOR (9911) (LOCATED IN CHASSIS)</p>  <p>CONNECTOR 3519878C1</p> <p>2</p> <table border="1" style="margin: 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>R94M</td><td>18</td><td>BK</td><td>ASSY</td></tr><tr><td>2</td><td>R94N</td><td>18</td><td>BN</td><td>ASSY</td></tr></tbody></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94M	18	BK	ASSY	2	R94N	18	BN	ASSY
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																			
A	N39B	16	GY	2033819C1	1652325C1																																			
B	N39-GB	16	WH	2033819C1	1652325C1																																			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																				
1	R94M	18	BK	ASSY																																				
2	R94N	18	BN	ASSY																																				
<p>LECTRA-SHIFT PTO (9913B) (LOCATED IN ENGINE)</p>  <p>CONNECTOR 0587570C91</p> <table border="1" style="margin: auto; font-size: x-small;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>K14LSA</td><td>18</td><td>BK</td><td>0587576C1</td><td>1652325C1</td></tr><tr><td>B</td><td>K14LSB</td><td>18</td><td>RD</td><td>0587576C1</td><td>1652325C1</td></tr><tr><td>C</td><td>K14LSC</td><td>12</td><td>WH</td><td>1673747C1</td><td>0589390C1</td></tr></tbody></table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K14LSA	18	BK	0587576C1	1652325C1	B	K14LSB	18	RD	0587576C1	1652325C1	C	K14LSC	12	WH	1673747C1	0589390C1											
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																			
A	K14LSA	18	BK	0587576C1	1652325C1																																			
B	K14LSB	18	RD	0587576C1	1652325C1																																			
C	K14LSC	12	WH	1673747C1	0589390C1																																			
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0488	24MAR15	INITIAL RELEASE	A	92927M	23136977	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																		
RELEASE NO.				DATE	PART NO.		SHEET																																	
92927M				29JAN15	AE08079252		029																																	

Figure 844 Connector Composites (9900G), (9911), (9913B)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.31. CONNECTOR COMPOSITES (9915), (9916), (9917), (9920), (9921), P. 30


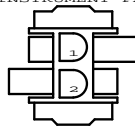

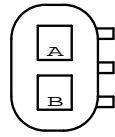
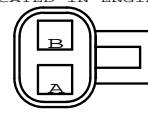
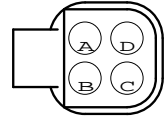
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 14																																					
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																							
<p style="text-align: center;">DIODE ASSY (9915) (LOCATED IN INSTRUMENT PANEL NEAR CENTER)</p>  <p style="text-align: center;">CONNECTOR 3866308C1 BODY LOCK 1684263C1</p>				<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1*</td> <td>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 style="font-size: 8px;">* 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 style="text-align: center;">DIODE ASSY (9916) (LOCATED IN INSTRUMENT PANE NEAE CENTER)</p>  <p style="text-align: center;">CONNECTOR 1669030C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>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 style="text-align: center;">DIODE ASSY (9917)</p>  <p style="text-align: center;">CONNECTOR 3866308C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>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 style="text-align: center;">CHASSIS / TRANSMISSION (9920) (LOCATED IN ENGINE)</p>  <p style="text-align: center;">CONNECTOR 1671611C1 BODY LOCK 1671608C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>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 style="text-align: center;">TRANSMISSION / CHASSIS (9920) (LOCATED IN ENGINE)</p>  <p style="text-align: center;">CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>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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Figure 845 Connector Composites (9915), (9916), (9917), (9920), (9921)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

14.32. CONNECTOR COMPOSITES (9930), (9965M), (9989), P. 31

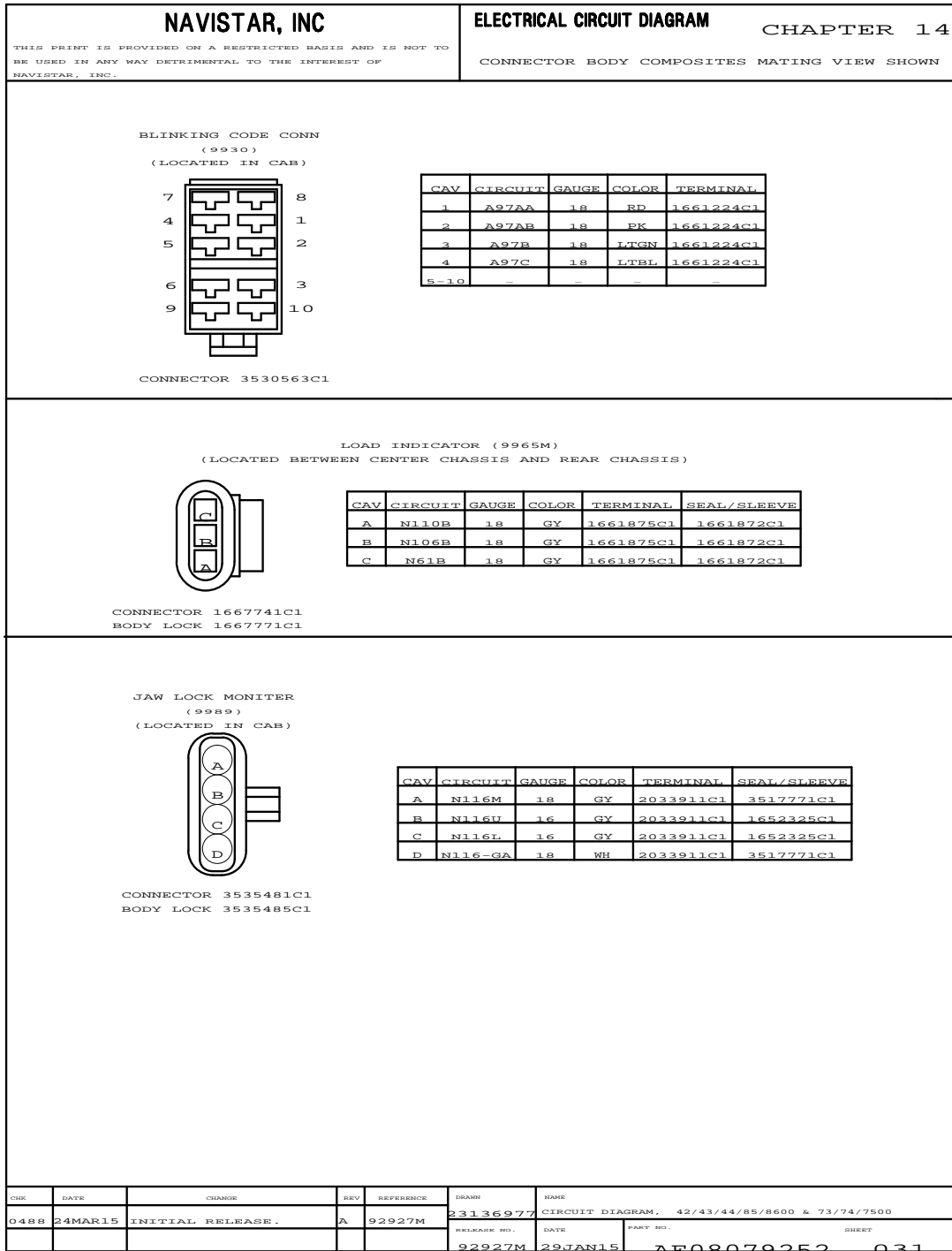


Figure 846 Connector Composites (9930), (9965M), (9989)