

SERVICE MANUAL

SERVICE MANUAL SECTION

**5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005
to February 28, 2007 — ELECTRICAL CIRCUIT DIAGRAMS**

Model: 5500i

Start Date: 12/01/2005 End Date: 02/28/2007

Model: 5600i

Start Date: 12/01/2005 End Date: 02/28/2007

Model: 5900i

Start Date: 12/01/2005 End Date: 02/28/2007

Model: 9200i

Start Date: 12/01/2005 End Date: 02/28/2007

Model: 9400i

Start Date: 12/01/2005 End Date: 02/28/2007

Model: 9900i

Start Date: 12/01/2005 End Date: 02/28/2007

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1. INSTRUCTIONS AND CHARTS (CHAPTER 1)

1.1. CIRCUIT IDENTIFICATION CHART, P. 1

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1 NAVISTAR CIRCUIT NUMBER IDENTIFICATION & COLOR			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.							
CIRCUIT NUMBER	DESCRIPTION - COLOR		CIRCUIT NUMBER	DESCRIPTION - COLOR			
1	GENERATOR - FIELD - LIGHT BLUE		37	FUEL PUMP - TAN			
2	GENERATOR - CHARGE - RED		38	HEATED SEAT - LIGHT GREEN			
3			39	AIR DRYER - GRAY			
4			40	LOW AIR PRESSURE WARNING - GRAY			
5			41	OUTSIDE AIR TEMP/COMPASS - TAN			
6			42	FRONT AXLE - GRAY			
7	ALTERNATOR - RESISTANCE - RED		43	POWER DIVIDER LOCK (PDL) - GRAY			
8			44	PARK BRAKE WARNING - GRAY			
9			45	ANTI-THEFT WARNING - LIGHT GREEN			
10			46	POWER TAKE-OFF WARNING - GRAY			
11	GROUND - WHITE		47	SPEEDOMETER - GRAY			
12	ACCESSORY FEED - LIGHT BLUE		48	TACHOMETER - GRAY			
13	IGNITION FEED - PINK		49	DIFFERENTIAL LOCK - GRAY			
14	BATTERY FEED - RED		50	LIGHT SWITCH FEED - YELLOW			
15	KEY SWITCH FEED - RED		51	DIMMER SWITCH - YELLOW			
16			52	HEADLIGHT - HIGH BEAM - YELLOW			
17	STARTER CONTROL - PINK		53	HEADLIGHT - LOW BEAM - YELLOW			
18	GLOW PLUG/PRE-HEATER - PINK		54	PARKING/MARKER LIGHTS - BROWN			
19	ENGINE SHUT-OFF - GRAY		55	TURN SIGNAL - ORANGE			
20			56	TURN SIGNAL LIGHTS - LEFT - ORANGE			
21	ETHER START - TAN		57	TURN SIGNAL LIGHTS - RIGHT - ORANGE			
22			58	CLEARANCE AND IDENTIFICATION LIGHTS - BROWN			
23	ENGINE COOLING - TAN		59				
24	ENGINE BRAKE GRAY		60	HAZZARD LIGHTS - ORANGE			
25	PYROMETER - TAN		61	AIR SUSPENSION - GRAY			
26	AMMETER - TAN		62	PANEL LIGHTS - DARK BLUE			
27	VOLTMETER - TAN		63	COURTESY AND DOME LIGHTS - DARK BLUE			
28	INSTRUMENT FEED - TAN		64	AUXILIARY LIGHTS - YELLOW			
29	ENGINE WATER TEMPERATURE - TAN		65	5TH WHEEL/WORK LIGHT - ORANGE			
30	ENGINE OIL TEMPERATURE - TAN		66	DAYTIME RUNNING LIGHTS - YELLOW			
31	TRANSMISSION OIL TEMPERATURE - TAN		67				
32	AXLE OIL TEMPERATURE - TAN		68	TAIL LIGHTS - BROWN			
33	ENGINE OIL LEVEL - TAN		69	LICENSE PLATE LIGHT - BROWN			
34	WATER LEVEL - TAN		70	STOP LIGHTS - ORANGE			
35	ENGINE OIL PRESSURE - TAN		71	BACK-UP LIGHTS - ORANGE			
36	FUEL LEVEL - TAN		72	TRAILER AUXILIARY - ORANGE			
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
JKP	MAR02	ADDED DESC AT 38 & 41.	A	55093F	RROEPKE	INSTRUCTIONS AND CHARTS FOR ALL MODELS	
					RELEASE NO.	DATE	PART NO. SHEET
					P52600M	29JUL98	AF08-52011 01

Figure 1 Circuit Identification Chart, page 1

**5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS**

1.2. CIRCUIT IDENTIFICATION CHART, P. 2

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1			
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.				NAVISTAR CIRCUIT NUMBER IDENTIFICATION & COLOR			
CIRCUIT NUMBER	DESCRIPTION - COLOR			CIRCUIT NUMBER	DESCRIPTION - COLOR		
73	COLLISION AVOIDANCE SYSTEM - LIGHT BLUE			87	WINDSHIELD WASHER - GRAY		
74				88	CLOCK/HOURMETER - LIGHT GREEN		
75	HEATER BLOWER MOTOR - LIGHT GREEN			89			
76	AUXILIARY FAN - LIGHT GREEN			90	HYDRAULIC BRAKE PUMP - GRAY		
77	AIR CONDITIONER - LIGHT GREEN			91	INTERCOMMUNICATIONS - VIOLET		
78	MIRRORS - HEATED * MOTORIZED - LIGHT GREEN			92	TRANSMISSION (ELECTRONIC) - TAN		
79	SEAT BELTS - LIGHT GREEN			93	AXLE SHIFT CONTROL - TAN		
80				94	ANTILOCK BRAKES - GRAY		
81	POWER DOOR LOCKS - LIGHT GREEN			95	EXHAUST EMISSION - TAN		
82	WINDSHIELD WIPERS - GRAY			96	SNOW PLOW LIGHTS - YELLOW		
83	POWER WINDOW - LIGHT GREEN			97	CRUISE CONTROL AND ELECTRONIC ENGINE - VIOLET		
84	CIGAR LIGHTER - LIGHT GREEN			98	DATA LINK AND DIAGNOSTICS - BLACK		
85	HORN - ELECTRIC - GRAY			99	THROTTLE POSITION SENSOR - VIOLET		
86	RADIO - ENTERTAINMENT - LIGHT GREEN						
* NOTE: NOT ALL CIRCUITS MAY BE USED. COLORS ABOVE ARE NEW STD COLORS FOR MAJOR HARNESSSES.							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
JPM	0DEC01	GSC2 ADDED CIR 73 DESC	A	P53583S	RROEPKE	INSTRUCTIONS AND CHARTS FOR ALL MODELS	
JKP	0MAR02	ADDED SEAT BELTS.	B	55093F	P52600M	DATE	PART NO.
						29JUL 98	AE08-52011
							02

Figure 2 Circuit Identification Chart, page 2

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

3

1.3. CIRCUIT DIAGRAM INSTRUCTIONS, P. 3

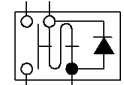
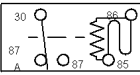
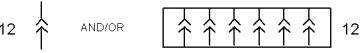
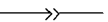
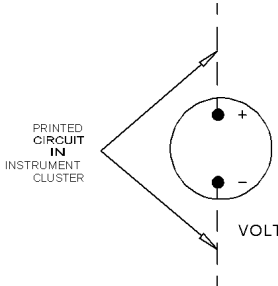
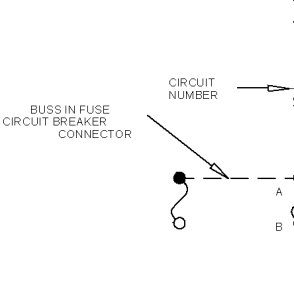
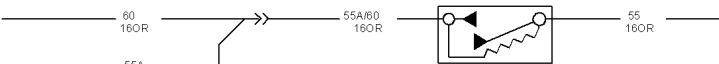
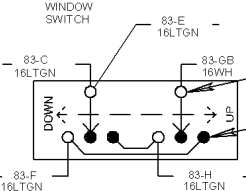
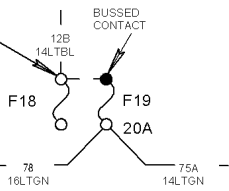
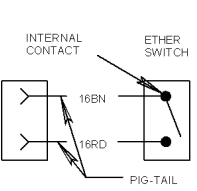
NAVISTAR INTERNATIONAL TRANSPORTATION CORP. THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE NAVISTAR INTERNATIONAL TRANSPORTATION CORP.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1 INSTRUCTIONS																												
A - SWITCH AND RELAY POSITIONS AS SHOWN ON CIRCUIT DIAGRAMS INDICATE NORMAL POSITION WITH IGNITION OFF UNLESS OTHERWISE NOTED. SWITCH-MANUAL  MAGNETIC SWITCH  INDICATES CASE GROUND  RELAY-SUPPRESSED		B - MULTIPLE CONNECTORS ARE DISPLAYED ON SCHEMATIC AS SHOWN. REFER TO CONNECTOR COMPOSITE WITH APPLICABLE NUMBER FOR MORE COMPLETE INFORMATION.  12 AND/OR 12 SINGLE IN-LINE CONNECTORS DISPLAYED AS SHOWN WITHOUT CONNECTOR NUMBER. 																												
C - PHANTOM LINES INDICATE PRINTED CIRCUITS OR BUSSED CIRCUITS. THESE CIRCUITS EXIST IN THE INSTRUMENT CLUSTERS AND FUSE/CIRCUIT BREAKER CONNECTORS.  VOLTMETER  INDICATES BASIC FEED WIRE CIRCUIT IDENTIFICATION WIRE GAUGE & COLOR LOCATION IN FUSE/CIRCUIT BREAKER CONNECTOR FUSE RATING																														
D - MULTIPLE CIRCUIT NUMBERS ON A LINE INDICATE ONE WIRE DISTRIBUTING CURRENT TO TWO CIRCUITS.  FLASHER																														
E - SWITCHES, RELAYS & COMPONENTS INDICATE EXTERNAL WIRE CONNECTIONS AND/OR INTERNAL CONNECTIONS OR CONTACTS.  WIRE CONNECTION INTERNAL CONTACT  WIRE CONNECTION INTERNAL CONTACT  INTERNAL CONTACT PIG-TAIL																														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">CHK</th> <th style="width: 10%;">DATE</th> <th style="width: 20%;">CHANGE</th> <th style="width: 10%;">REV</th> <th style="width: 10%;">REFERENCE</th> <th style="width: 15%;">DRAWN</th> <th style="width: 15%;">NAME</th> <th style="width: 10%;">PART NO.</th> <th style="width: 10%;">SHEET</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>RROEPKE</td> <td>INSTRUCTIONS AND CHARTS FOR ALL MODELS</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>RELEASE NO. P52600M</td> <td>DATE 29JUL98</td> <td>AF08-52011</td> <td>3</td> </tr> </table>				CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	PART NO.	SHEET						RROEPKE	INSTRUCTIONS AND CHARTS FOR ALL MODELS								RELEASE NO. P52600M	DATE 29JUL98	AF08-52011	3
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	PART NO.	SHEET																						
					RROEPKE	INSTRUCTIONS AND CHARTS FOR ALL MODELS																								
					RELEASE NO. P52600M	DATE 29JUL98	AF08-52011	3																						

Figure 3 Circuit Diagram Instructions, page 3

**5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS**

1.4. CIRCUIT DIAGRAM INSTRUCTIONS, P. 4

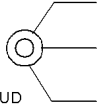
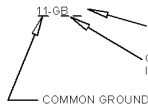
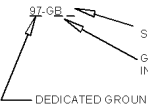
NAVISTAR INTERNATIONAL TRANSPORTATION CORP. THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE NAVISTAR INTERNATIONAL TRANSPORTATION CORP.	ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1 INSTRUCTIONS																														
F - JUNCTIONS ARE USED TO IDENTIFY MULTIPLE CONNECTIONS WITH A COMMON FEED OR GROUND. THE JUNCTION MAY BE A STUD OR A CONNECTOR WITH ALL CIRCUITS CONNECTED INTERNALLY BY BUS BAR.  STUD OR ADAPTER  BUS ADAPTER  GROUND JUNCTION THIS VEHICLE USES BUSSED CONNECTORS AND ARE REFERRED TO AS ADAPTERS - GROUND, FEED, IGNITION, ACCESSORY OR BATTERY.																															
G - CIRCUIT 11 DENOTES ANY COMMON GROUND, (MORE THAN ONE CIRCUIT). ANY DEDICATE GROUND CIRCUIT IS IDENTIFIED WITH THAT PARTICULAR SYSTEM CIRCUIT NUMBER. (E.G CIRCUIT 97 CRUISE CONTROL, IS IDENTIFIED PER EXAMPLE). NOTE: FOR CIRCUIT DESCRIPTION OTHER THAN GROUNDS, NEITHER THE LETTER G OR THE COLOR WHITE WILL BE USED. GROUND CIRCUITS ARE DESCRIBED THUS: 11-G 11-GA 11-GB  COMMON GROUND CIRCUIT NUMBER 97-G 97-GA 97-GB  DEDICATED GROUND CIRCUIT NUMBER SUFFIX G IS NOT A SUFFIX BUT INDICATES A GROUND CIRCUIT																															
H - ABBREVIATIONS: COLOR, NOUN AND ENGINE <table style="width: 100%; border: none;"> <tr> <th align="left" colspan="2" style="text-decoration: underline;">COLOR ABBREVIATION</th> <th align="left" colspan="2" style="text-decoration: underline;">NOUN ABBREVIATION</th> </tr> <tr> <td style="vertical-align: top; width: 50%;"> AQ - AQUA BK - BLACK BL - BLUE BN - BROWN DK GN - DARK GREEN GD - GOLD GY - GRAY GN - GREEN LT BL - LIGHT BLUE </td> <td style="vertical-align: top; width: 50%;"> LT GN - LIGHT GREEN OR - ORANGE PK - PINK PL - PURPLE RD - RED SIL - SILVER TN - TAN VT - VIOLET WH - WHITE YL - YELLOW </td> <td style="vertical-align: top; width: 50%;"> A — ACCESSORY ACC — AIR CONDITIONER AUX - AUXILIARY AWG - AMERICAN WIRE GAUGE B — BATTERY BAT — BATTERY CONN - CONNECTION OR CONNECTOR DRL - DAYTIME RUNNING LIGHTS ENG - ENGINE FL - FUSIBLE LINK FWD - FORWARD GA - GAUGE </td> <td style="vertical-align: top; width: 50%;"> G — GROUND GND — GROUND I — IGNITION IGN — IGNITION IND - INDICATOR L - LEFT LT - LIGHT N/ - NOT WITH OPT - OPTIONAL R - RIGHT S - START OR SENDER THERMO - THERMOSTAT W/ - WITH W/O - WITHOUT </td> </tr> </table>		COLOR ABBREVIATION		NOUN ABBREVIATION		AQ - AQUA BK - BLACK BL - BLUE BN - BROWN DK GN - DARK GREEN GD - GOLD GY - GRAY GN - GREEN LT BL - LIGHT BLUE	LT GN - LIGHT GREEN OR - ORANGE PK - PINK PL - PURPLE RD - RED SIL - SILVER TN - TAN VT - VIOLET WH - WHITE YL - YELLOW	A — ACCESSORY ACC — AIR CONDITIONER AUX - AUXILIARY AWG - AMERICAN WIRE GAUGE B — BATTERY BAT — BATTERY CONN - CONNECTION OR CONNECTOR DRL - DAYTIME RUNNING LIGHTS ENG - ENGINE FL - FUSIBLE LINK FWD - FORWARD GA - GAUGE	G — GROUND GND — GROUND I — IGNITION IGN — IGNITION IND - INDICATOR L - LEFT LT - LIGHT N/ - NOT WITH OPT - OPTIONAL R - RIGHT S - START OR SENDER THERMO - THERMOSTAT W/ - WITH W/O - WITHOUT																						
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<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRWING</th> <th>NAME</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>RROEPKE</td> <td>INSTRUCTIONS AND CHARTS FOR ALL MODELS</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>RELEASE NO.</td> <td>PART NO.</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>P52600M</td> <td>29JUL98 AF08-52011</td> </tr> </table>				CHK	DATE	CHANGE	REV	REFERENCE	DRWING	NAME						RROEPKE	INSTRUCTIONS AND CHARTS FOR ALL MODELS						RELEASE NO.	PART NO.						P52600M	29JUL98 AF08-52011
CHK	DATE	CHANGE	REV	REFERENCE	DRWING	NAME																									
					RROEPKE	INSTRUCTIONS AND CHARTS FOR ALL MODELS																									
					RELEASE NO.	PART NO.																									
					P52600M	29JUL98 AF08-52011																									

Figure 4 Circuit Diagram Instructions, page 4

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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1.5. SCHEMATIC SYMBOLS, P. 5

NAVISTAR INTERNATIONAL TRANSPORTATION CORP.					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1		
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE NAVISTAR INTERNATIONAL TRANSPORTATION CORP.					SCHEMATIC SYMBOL CHART		
SYMBOL	DESCRIPTION				SYMBOL	DESCRIPTION	
	MALE/FEMALE IN-LINE CONNECTION					ALARM-ELECTRONIC	
	FEMALE TERMINAL					SOLENOID-GENERAL USAGE	
	MALE TERMINAL					MOTOR-ELECTRIC	
	GROUND					CIGAR LIGHTER	
	FUSE / CIRCUIT BREAKER					HORN	
TYPE 1 TYPE 2 OR 3 	CIRCUIT BREAKER					SPEAKER-SOUND SYSTEM	
						FLASHER-TURN SIGNAL, HAZARD	
	DIODE					MAGNETIC SWITCH	
	LIGHT EMITTING DIODE (LED)					LIGHT-SINGLE FILAMENT	
	FUSIBLE LINK					LIGHT-DOUBLE FILAMENT	
	RESISTOR					SENDER-OIL, WATER, FUEL, TEMPERATURE	
	SWITCH CONTACT, NORMALLY OPEN						
	SWITCH CONTACT, NORMALLY CLOSED						
	JUNCTION POINT						
	SPLICE						
	SWITCH-PUSH BUTTON						
	SWITCH-PRESSURE						
	SWITCH-MANUAL/MECHANICAL						
	SWITCH-WITH LIGHT						
	RELAY-SUPPRESSED						
	ACCELERATOR POSITION SENSOR						
CHK	DATE	CHANGE	REV	REFERENCE	DRN	NAME	
					RROEPKE	INSTRUCTIONS AND CHARTS FOR ALL MODELS	
					RELEASE NO.	DATE	PART NO.
					P52600M	29JUL98	AF08-52011
							SHEET 5

Figure 5 Schematic Symbols

1.6. RELAY PINOUT, FUNCTION DATA AND SEALED RELAY, P. 6

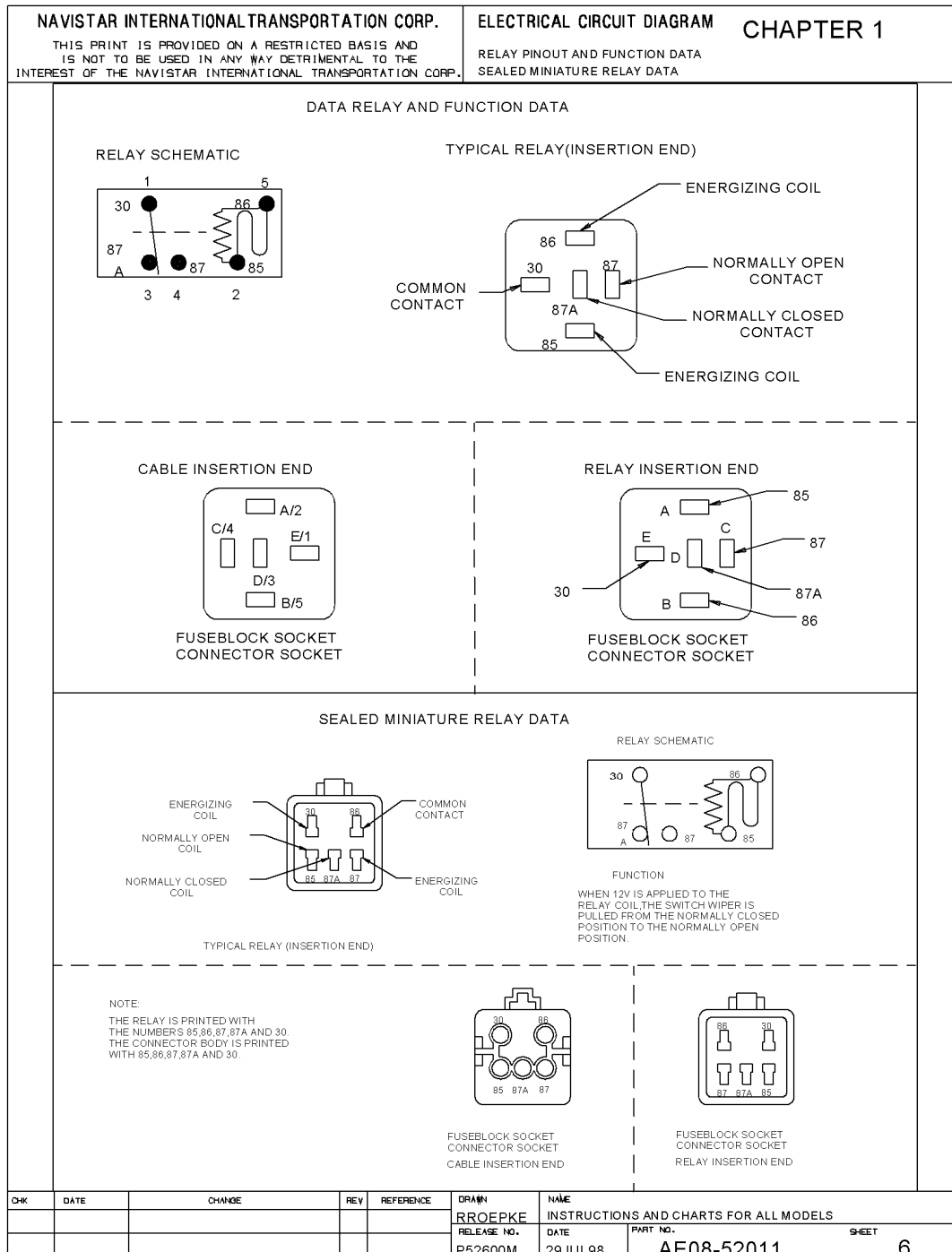


Figure 6 Relay Pinout, Function Data and Sealed Relay

**5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS**

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1.7. LAMP BULB CHART, P. 7

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 1	
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					

Figure 7 Lamp Bulb Chart

2. 12 VOLT POWER DISTRIBUTION CIRCUIT DIAGRAMS (CHAPTER 2)

2.1. START FEED, P. 1

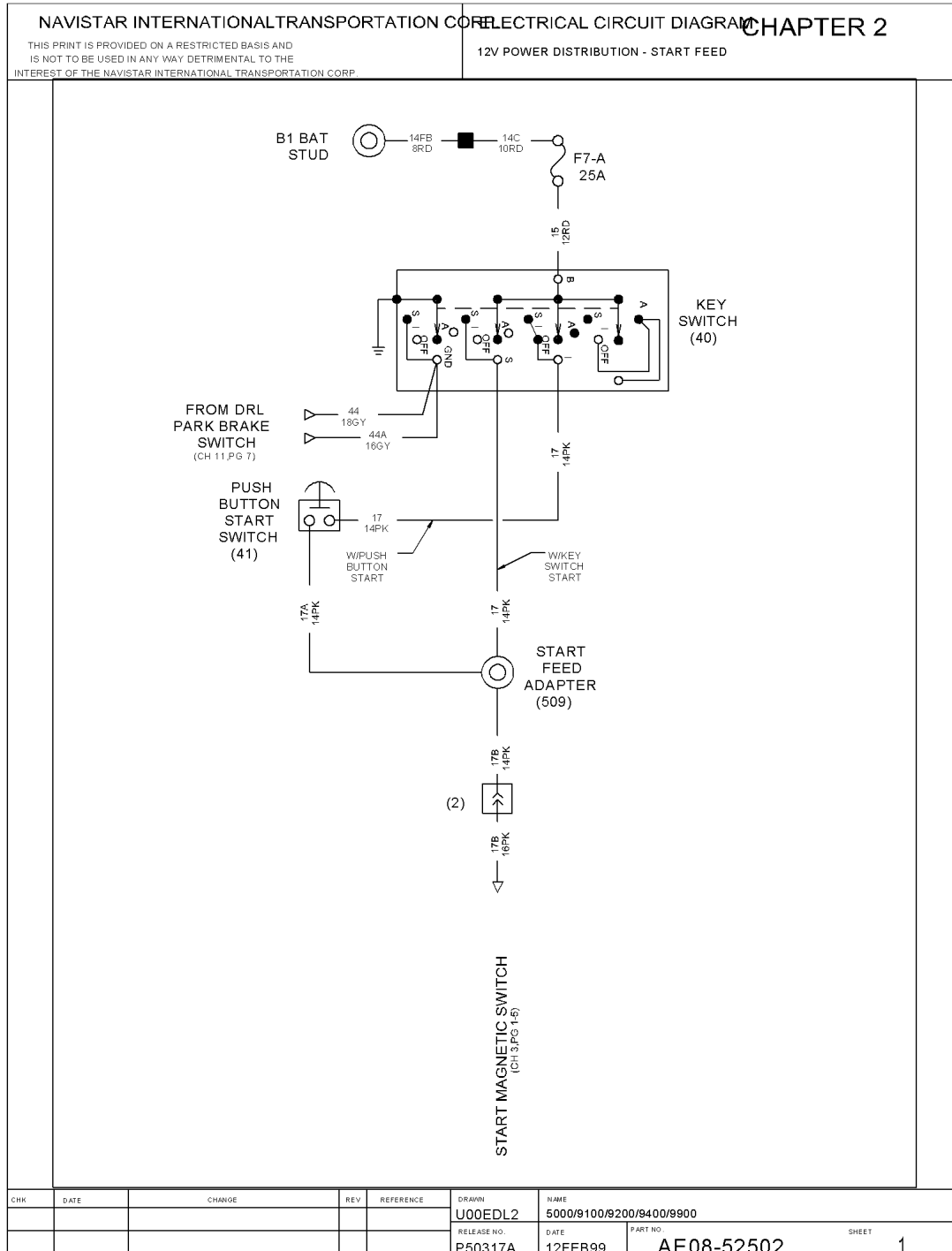


Figure 8 Start Feed

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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2.2. ACCESSORY, P. 2

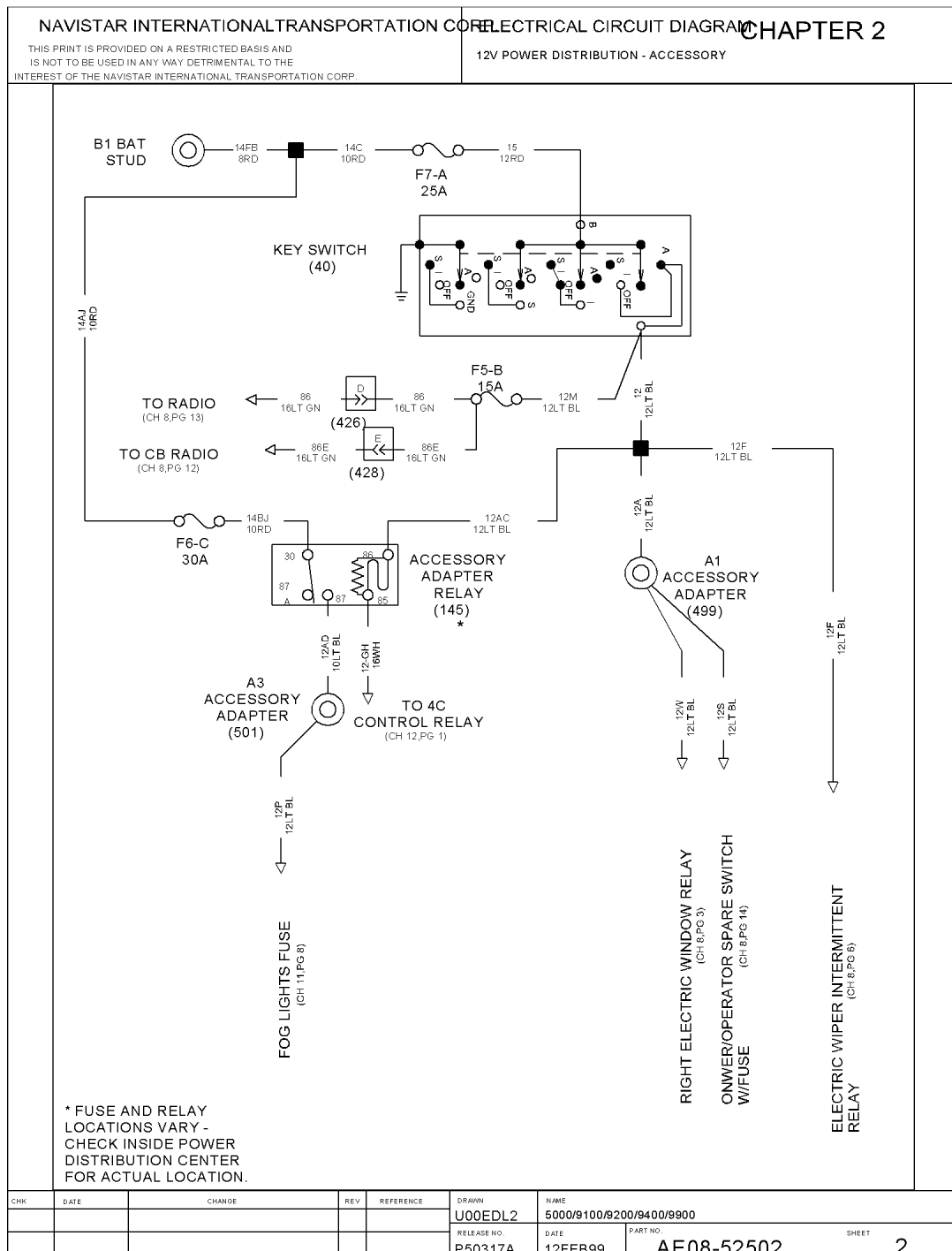


Figure 9 Accessory

2.3. BATTERY, P. 3

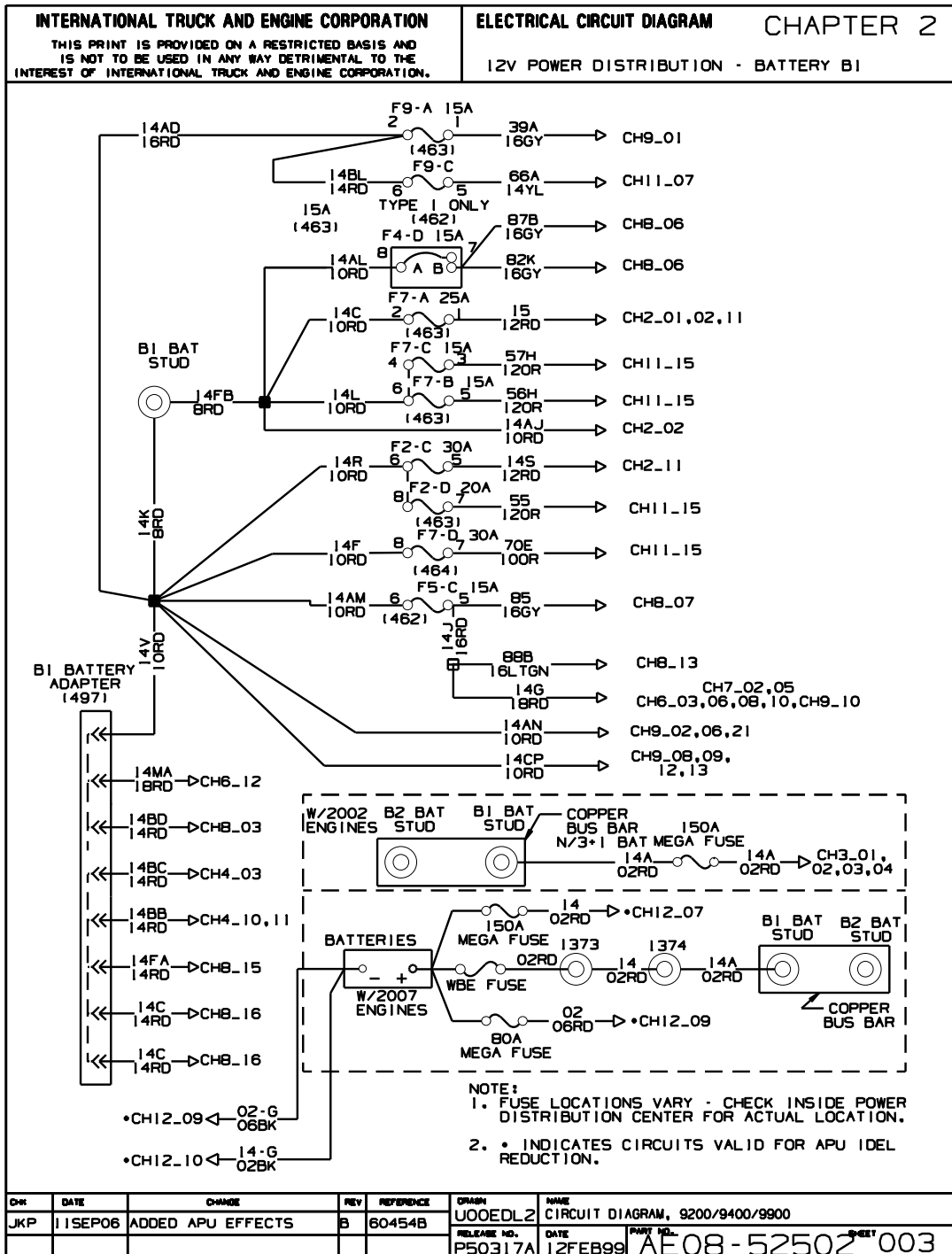


Figure 10 Battery, B1

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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2.4. BATTERY, B2, P. 4

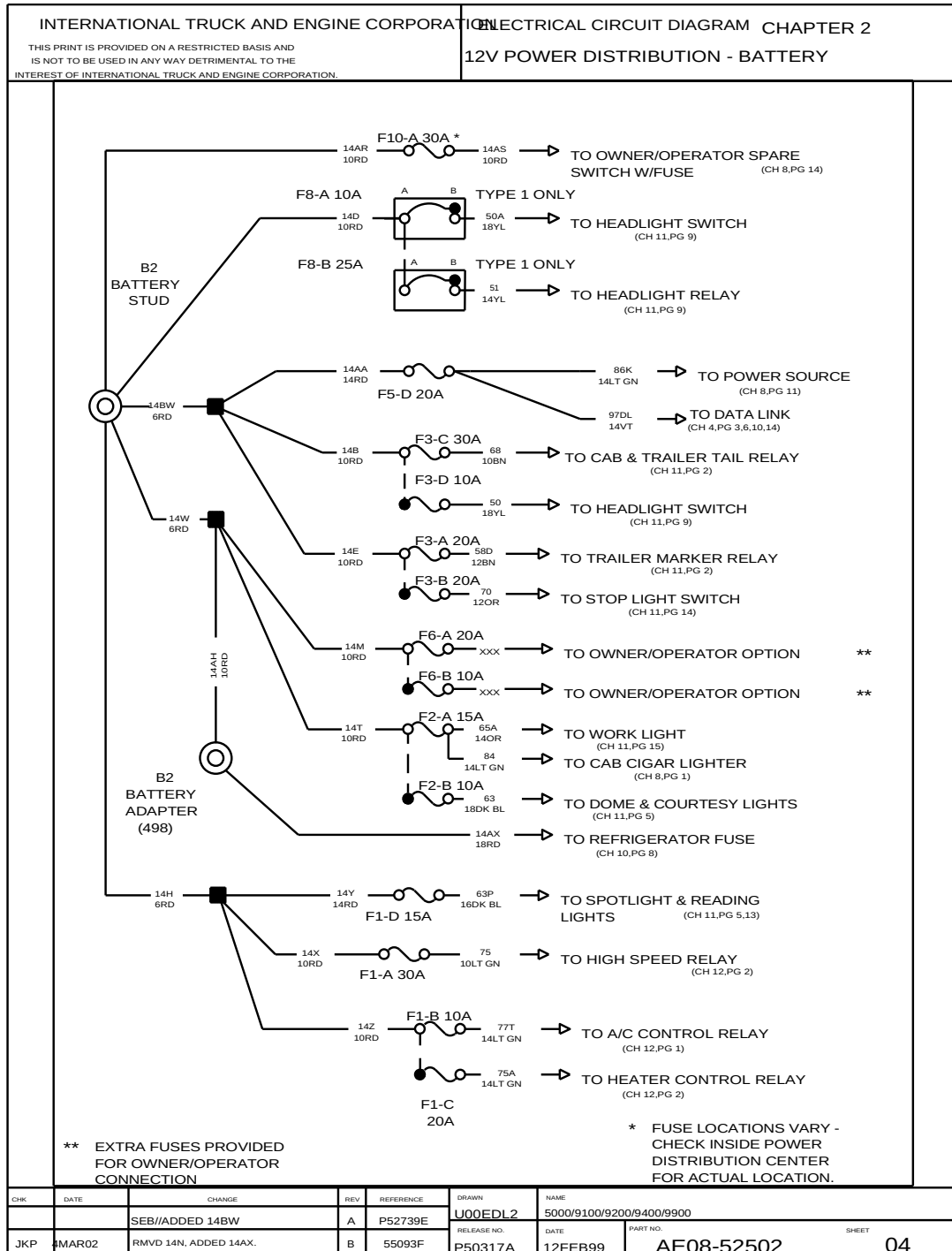


Figure 11 Battery, B2

2.5. BATTERY, B2 (CONT.), P. 5

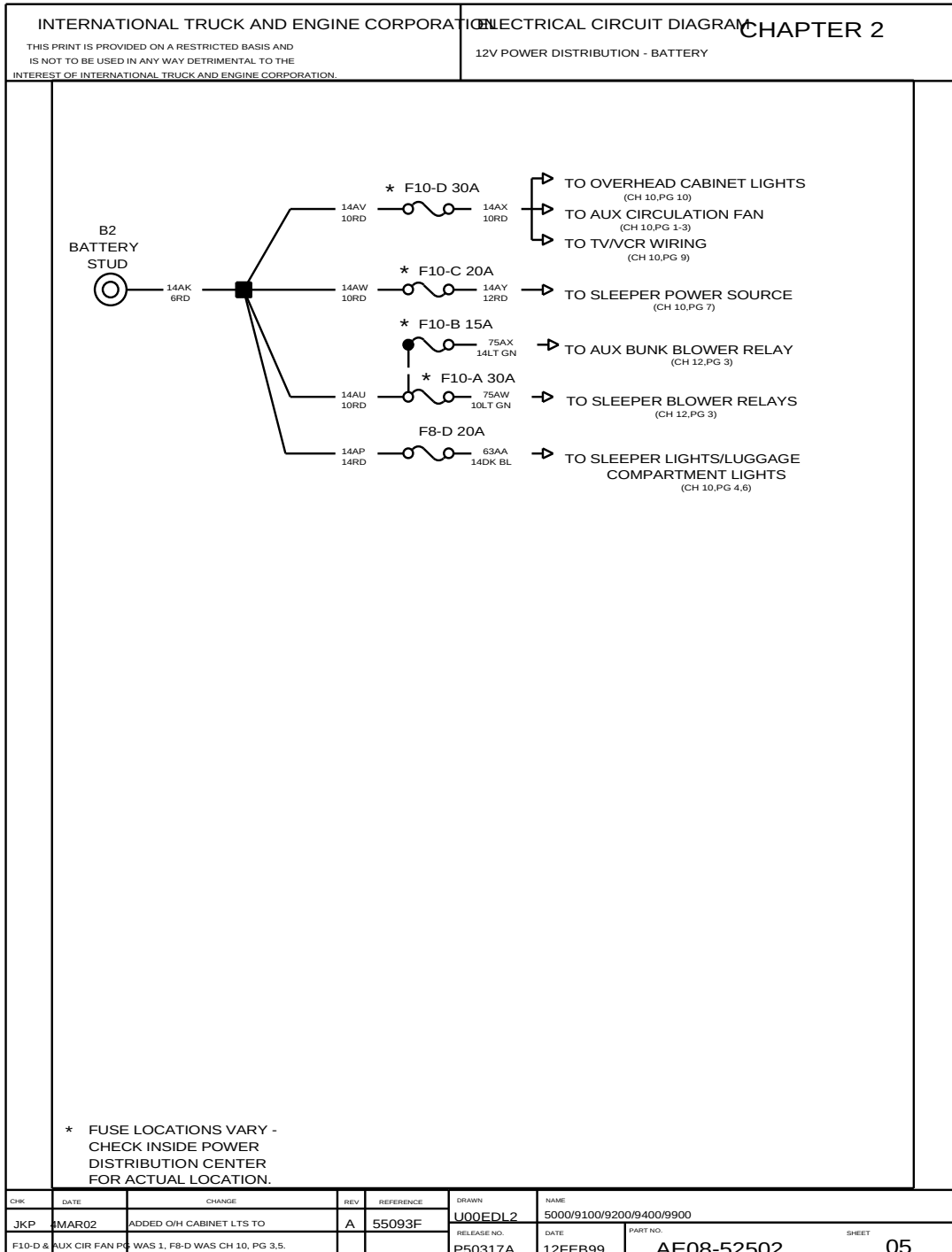


Figure 12 Battery, B2 (cont.)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

13

2.6. 3+1 BATTERY SYSTEM, P. 6

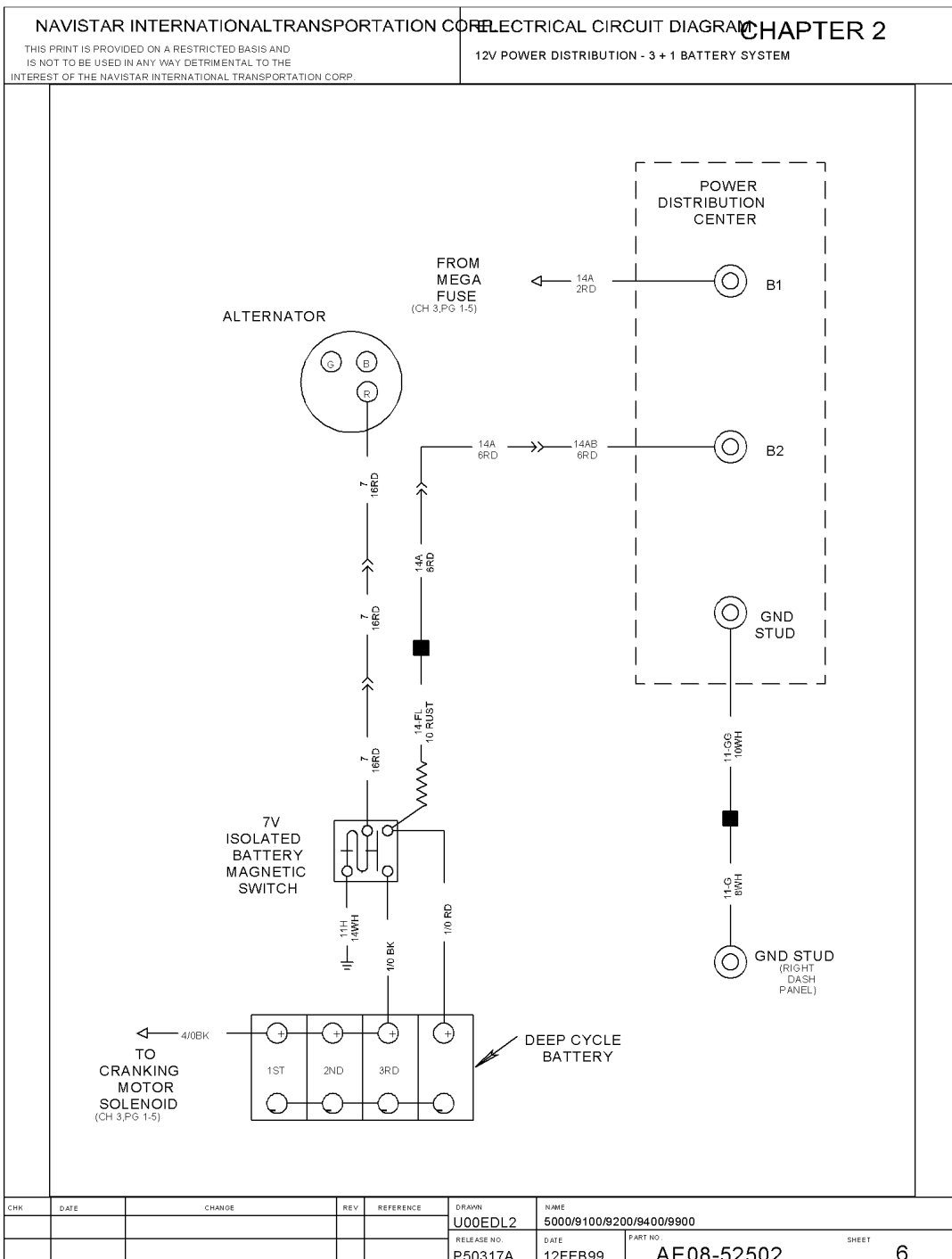


Figure 13 3+1 Battery System

2.7. GROUND ADAPTER COMPOSITE, P. 7

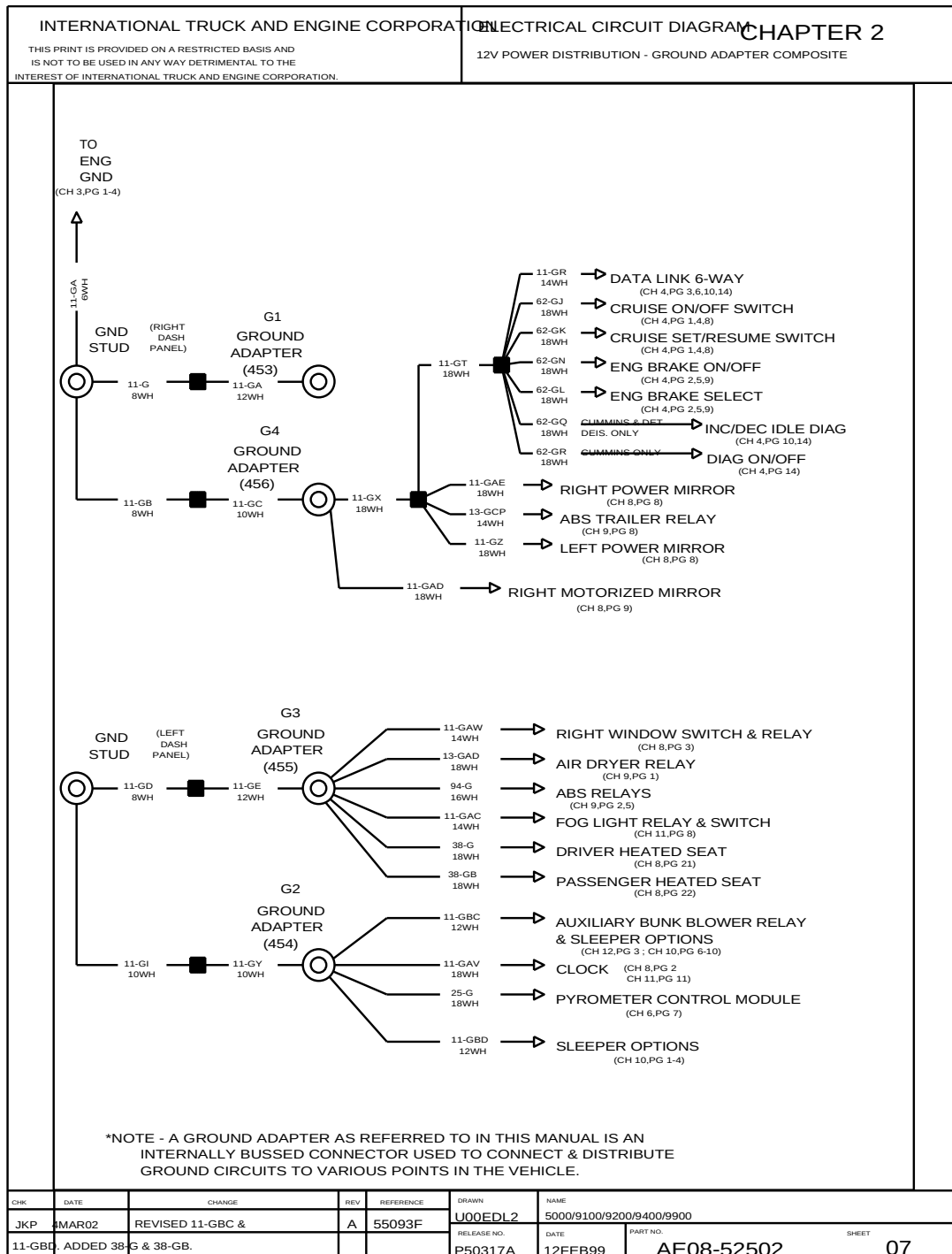


Figure 14 Ground Adapter Composite

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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2.8. GROUND STUD COMPOSITE, P. 8

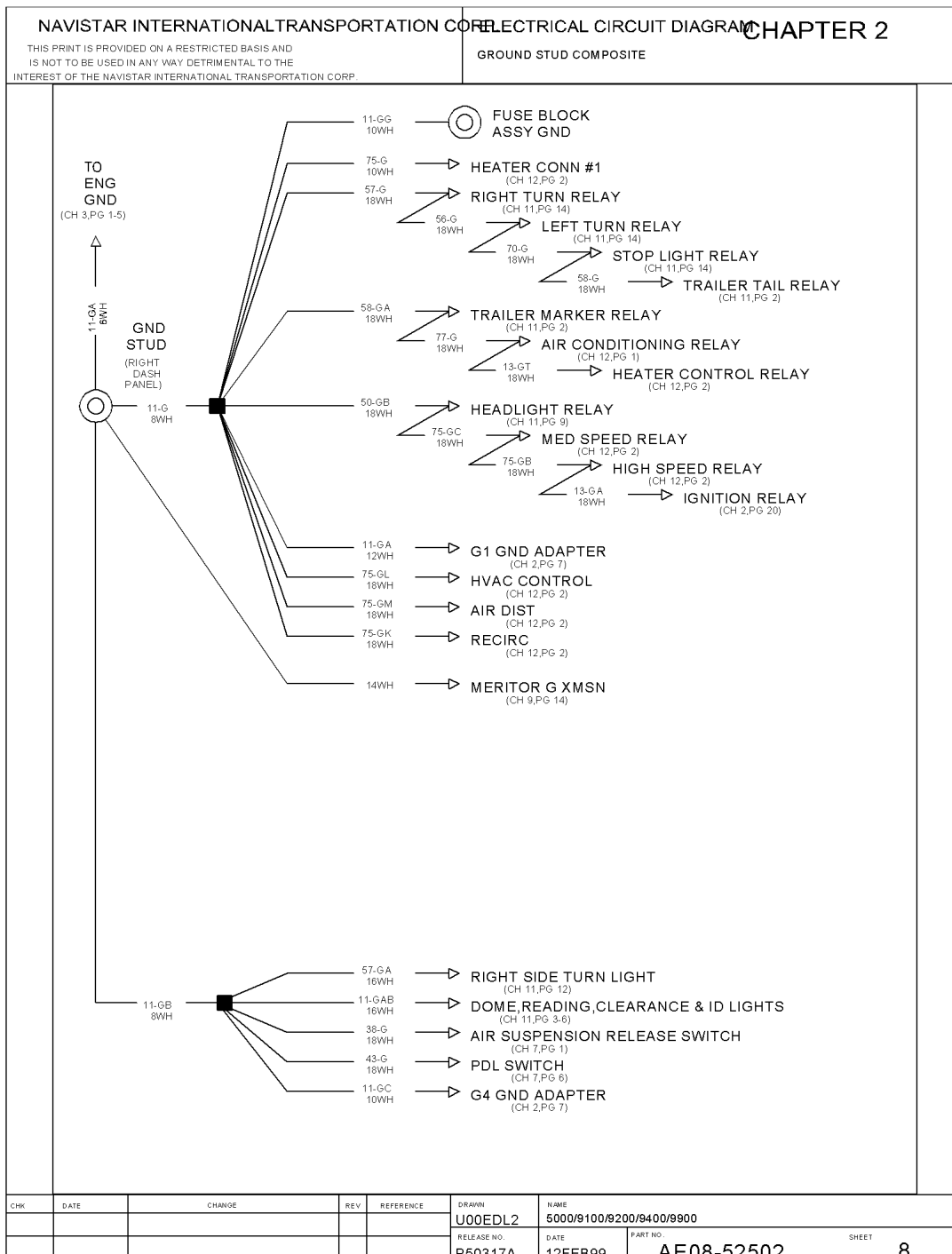


Figure 15 Ground Stud Composite

2.9. GROUND STUD COMPOSITE, P. 9

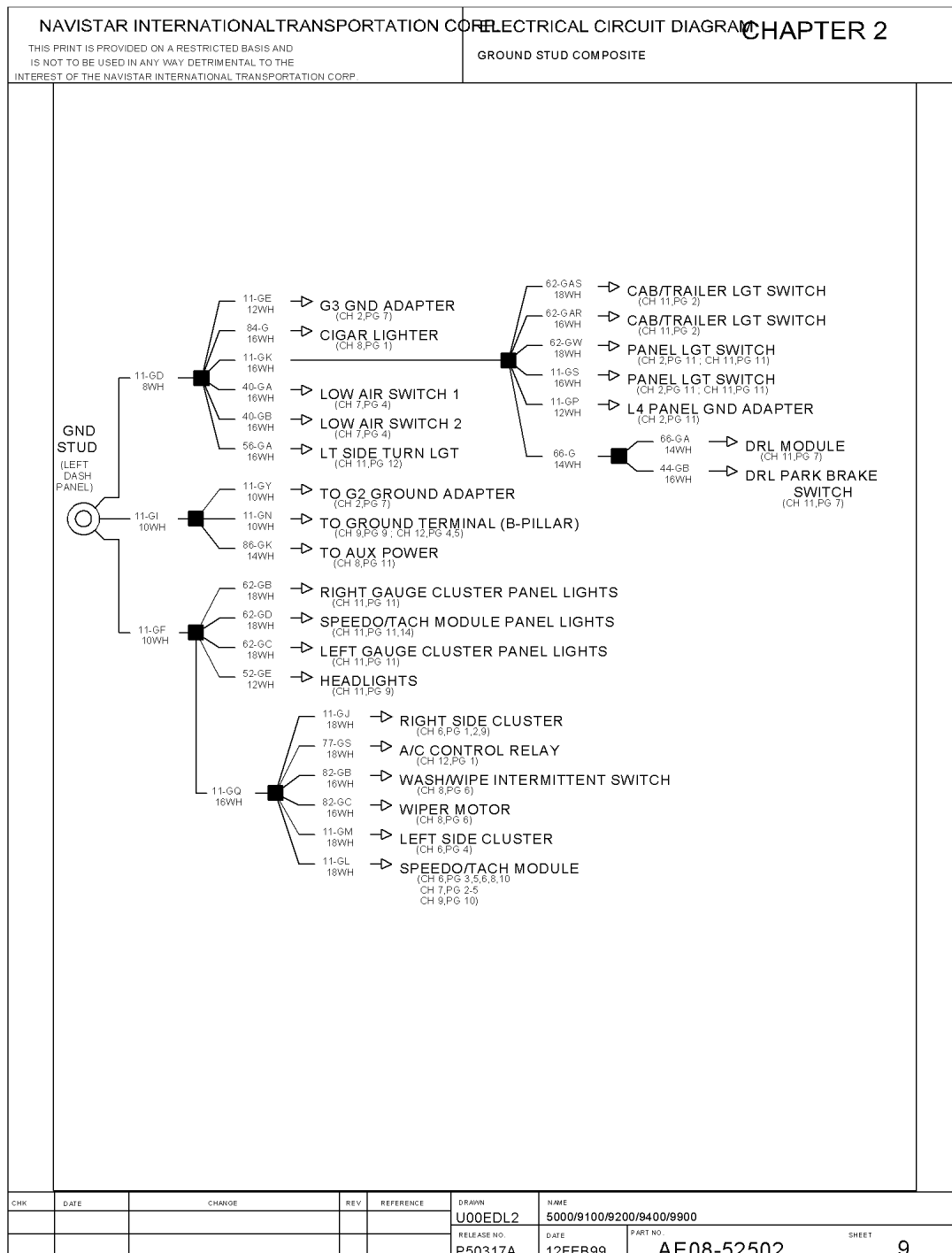


Figure 16 Ground Stud Composite

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS

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2.10. IGNITION, P. 10

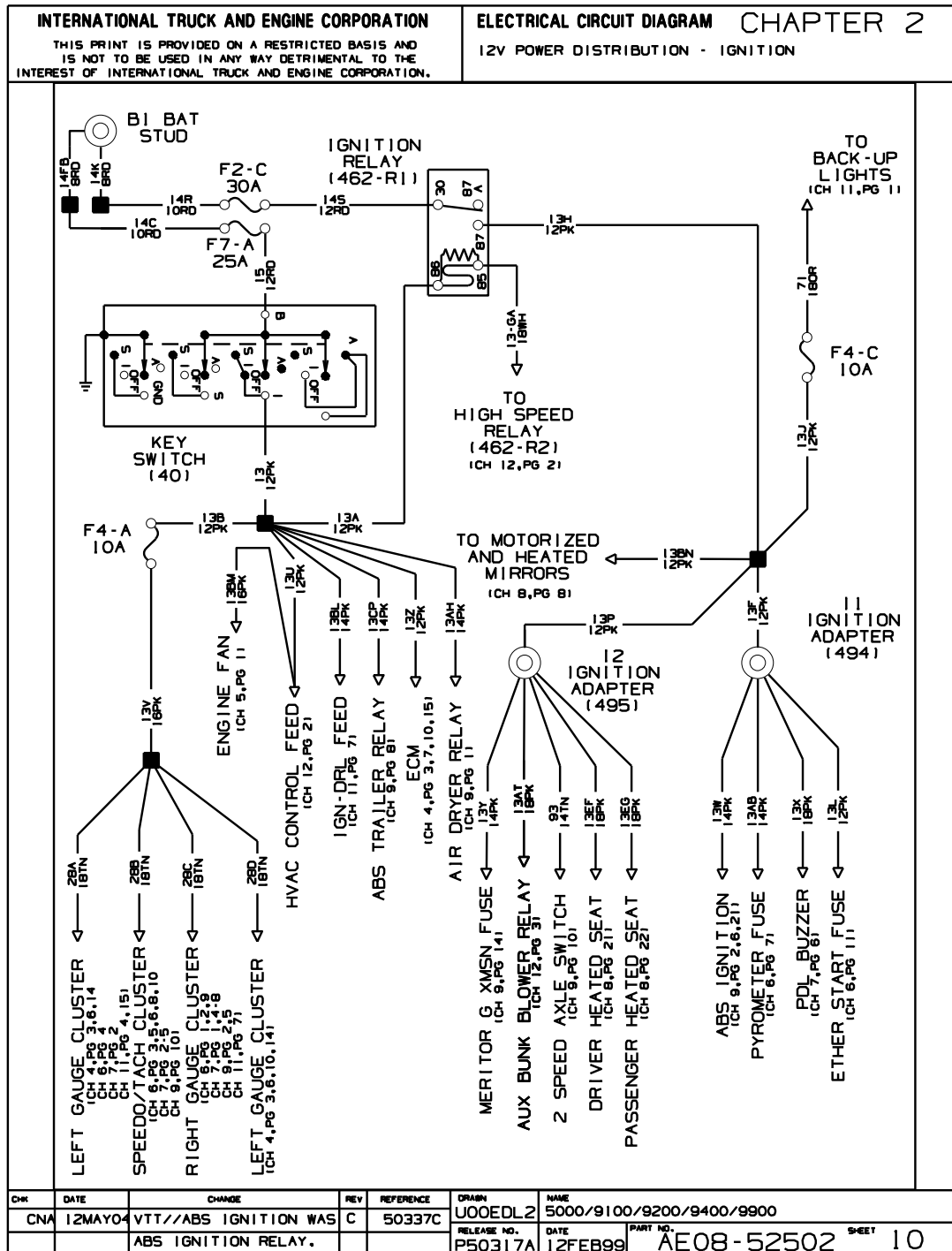


Figure 17 Ignition

2.11. PANEL LIGHTS ADAPTER COMPOSITE, P. 11

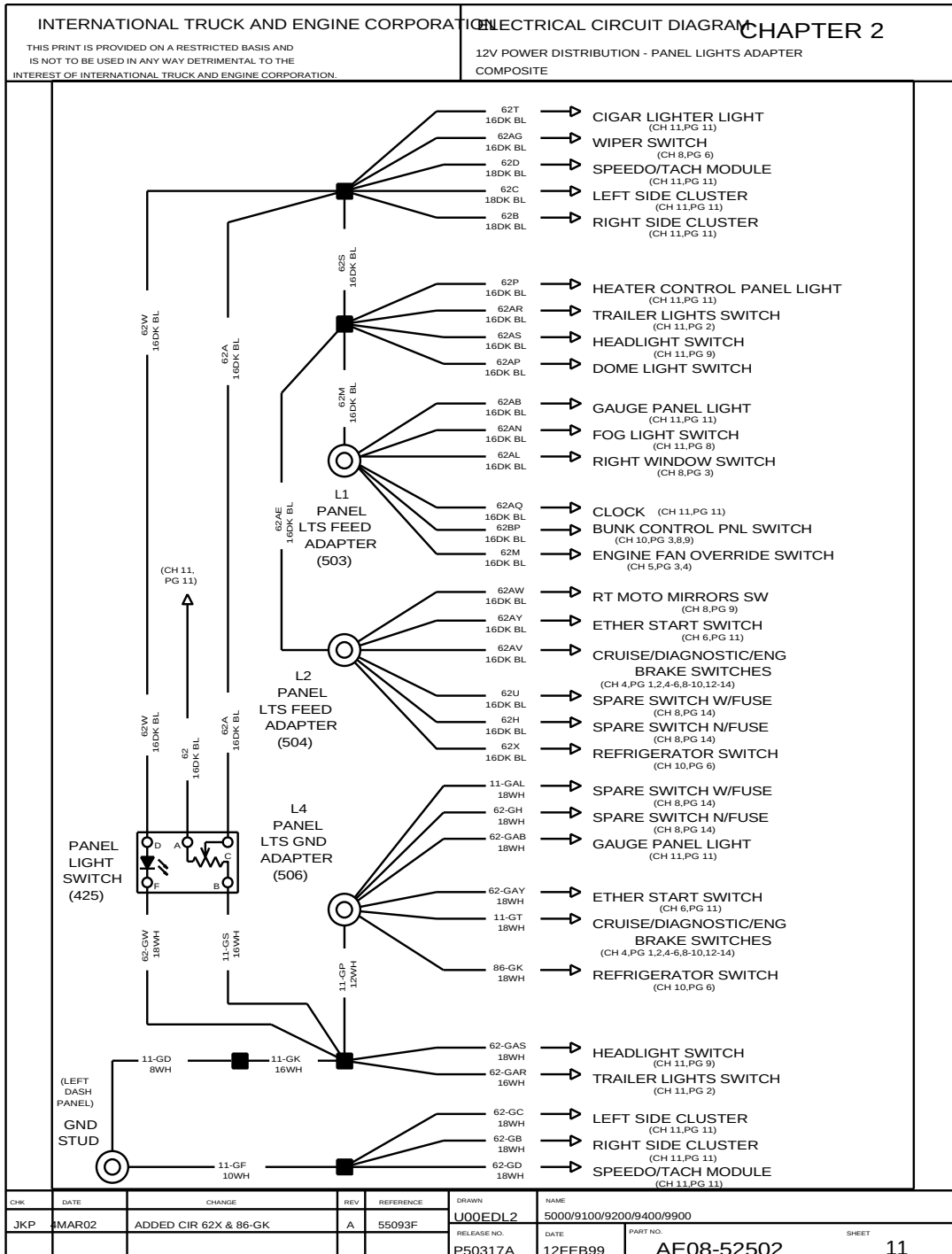


Figure 18 Panel Lights Adapter Composite

3. 12 VOLT CHARGING AND CRANKING SYSTEM (CHAPTER 3)

3.1. W/CAT AND CUMMINS ENGINES, P. 1

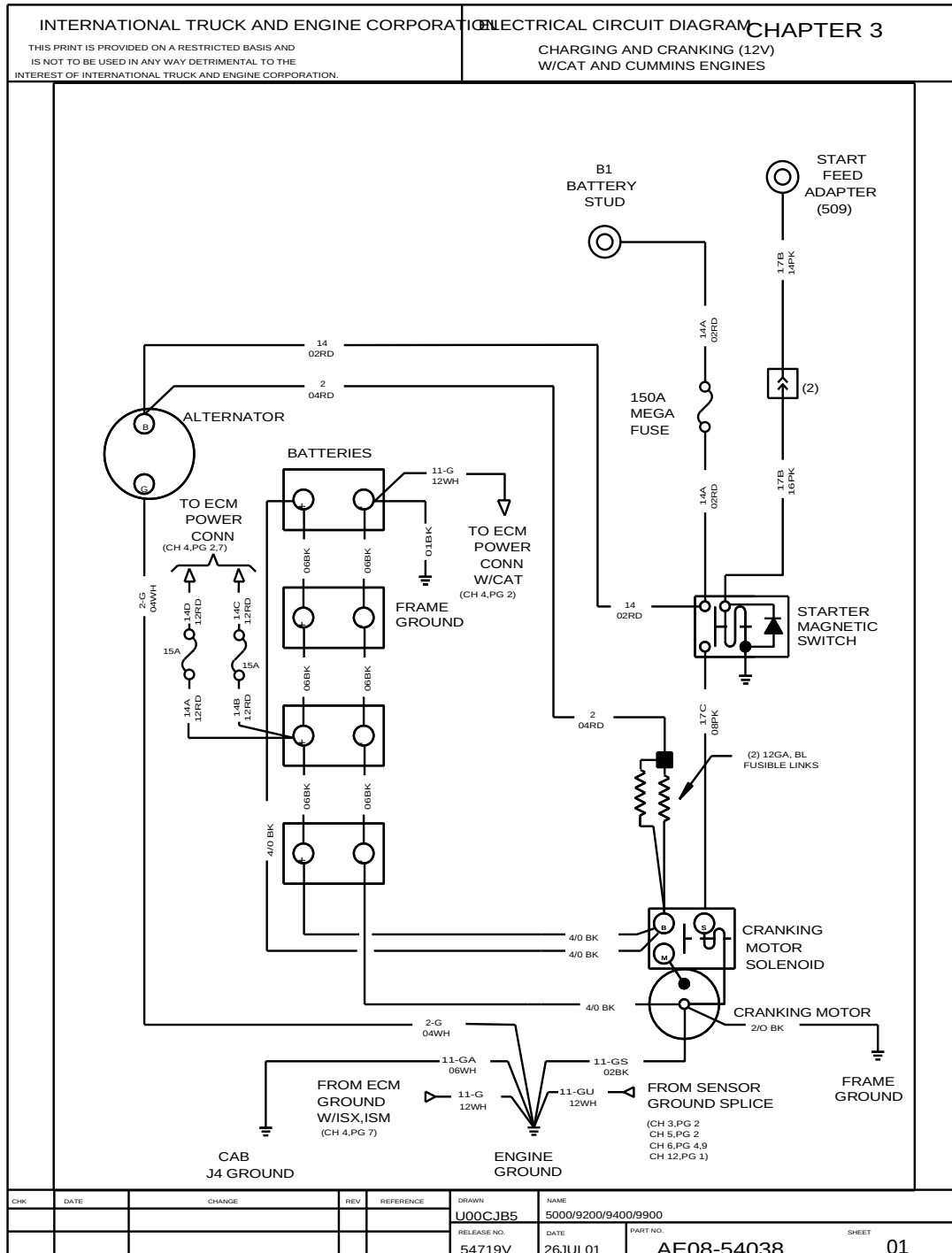


Figure 19 W/Cat and Cummins Engines

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS

21

3.3. W/I6 HEUI ENGINE, P. 3

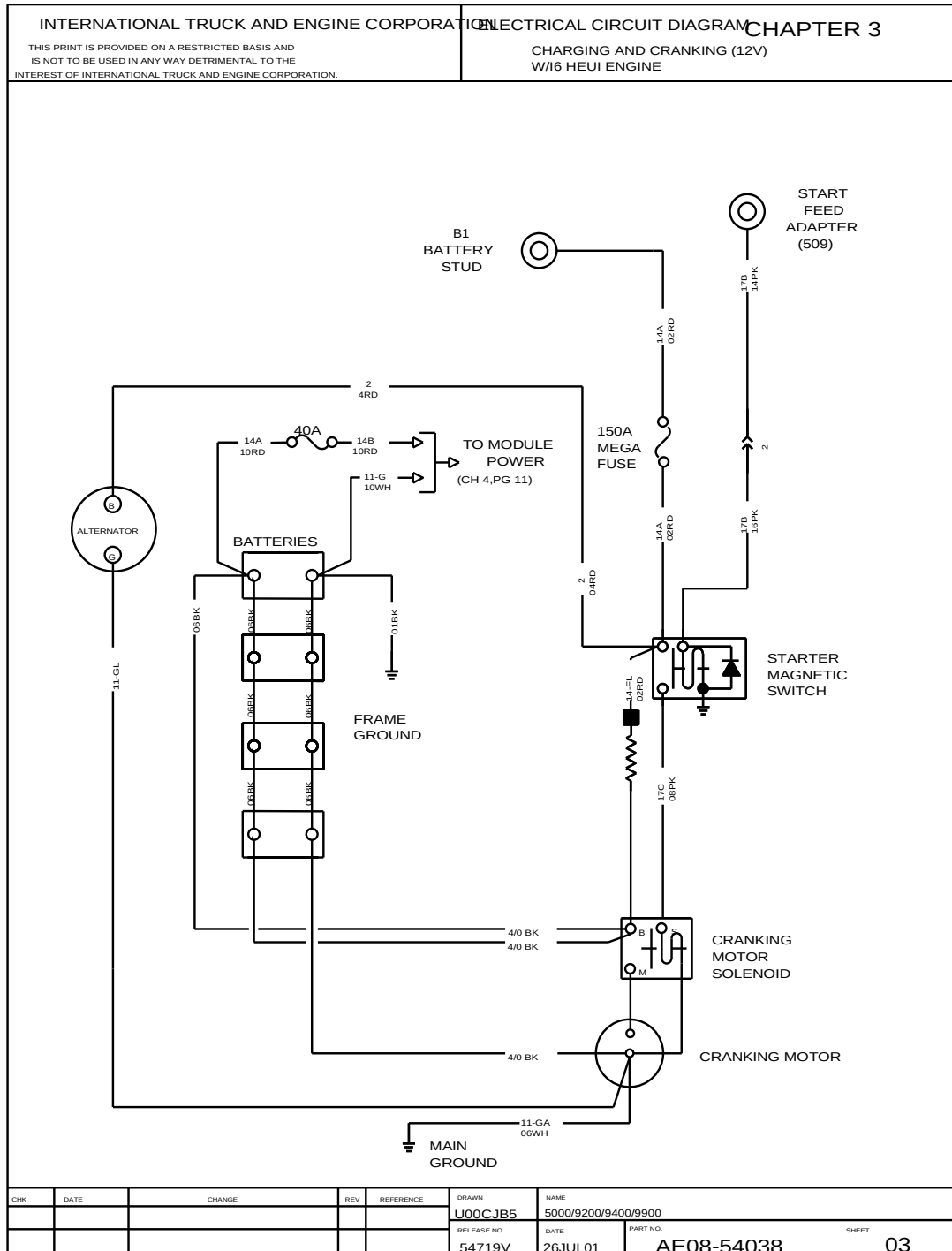


Figure 21 W/I6 HEUI Engine

3.4. W/OVERCRANK PROTECTION W/I6 HEUI, P. 4

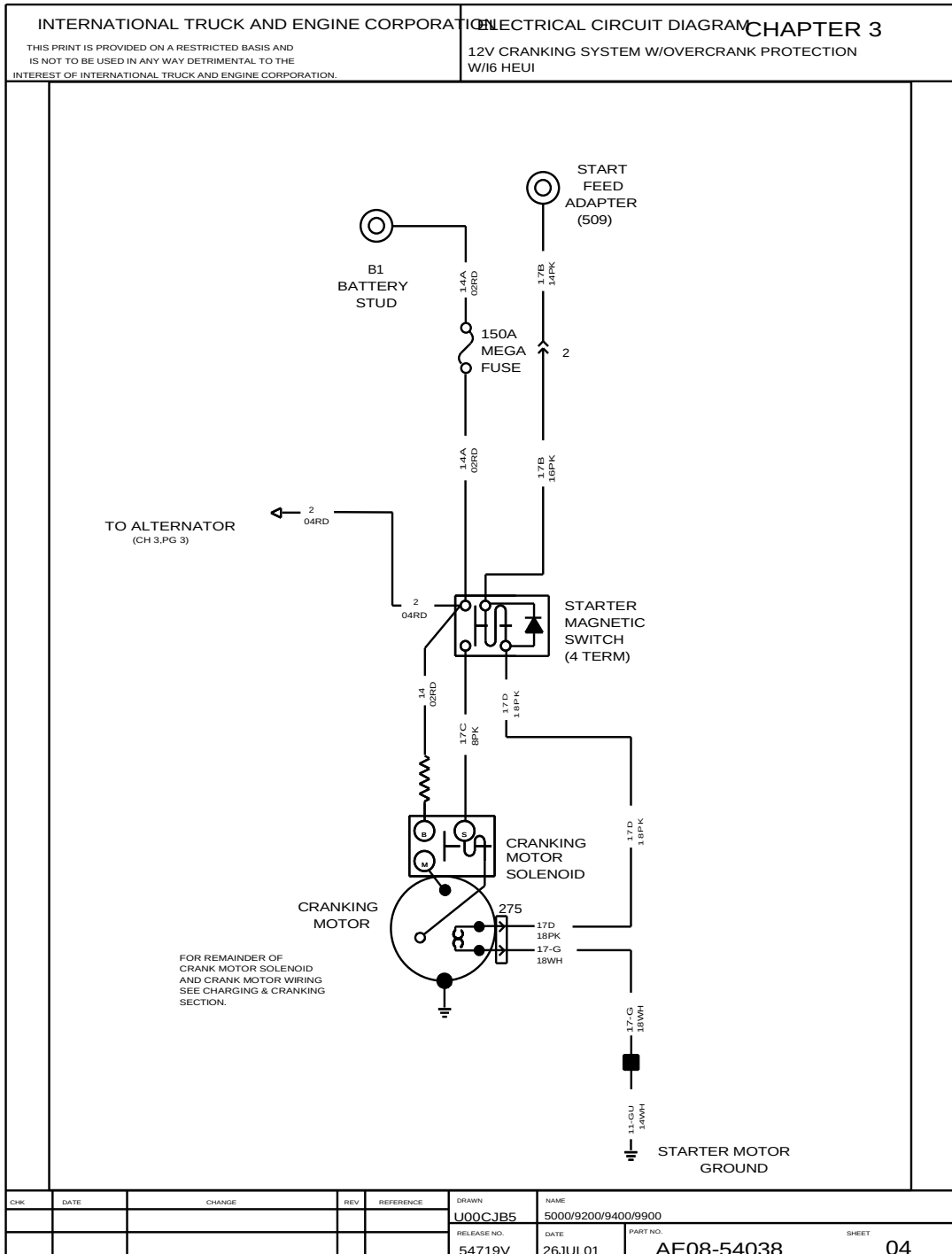


Figure 22 W/Overcrank Protection W/I6 HEUI

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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3.5. W/CAT AND CUMMINS ENGINES AND W/1GA CHARGING CIRCUIT, P. 5

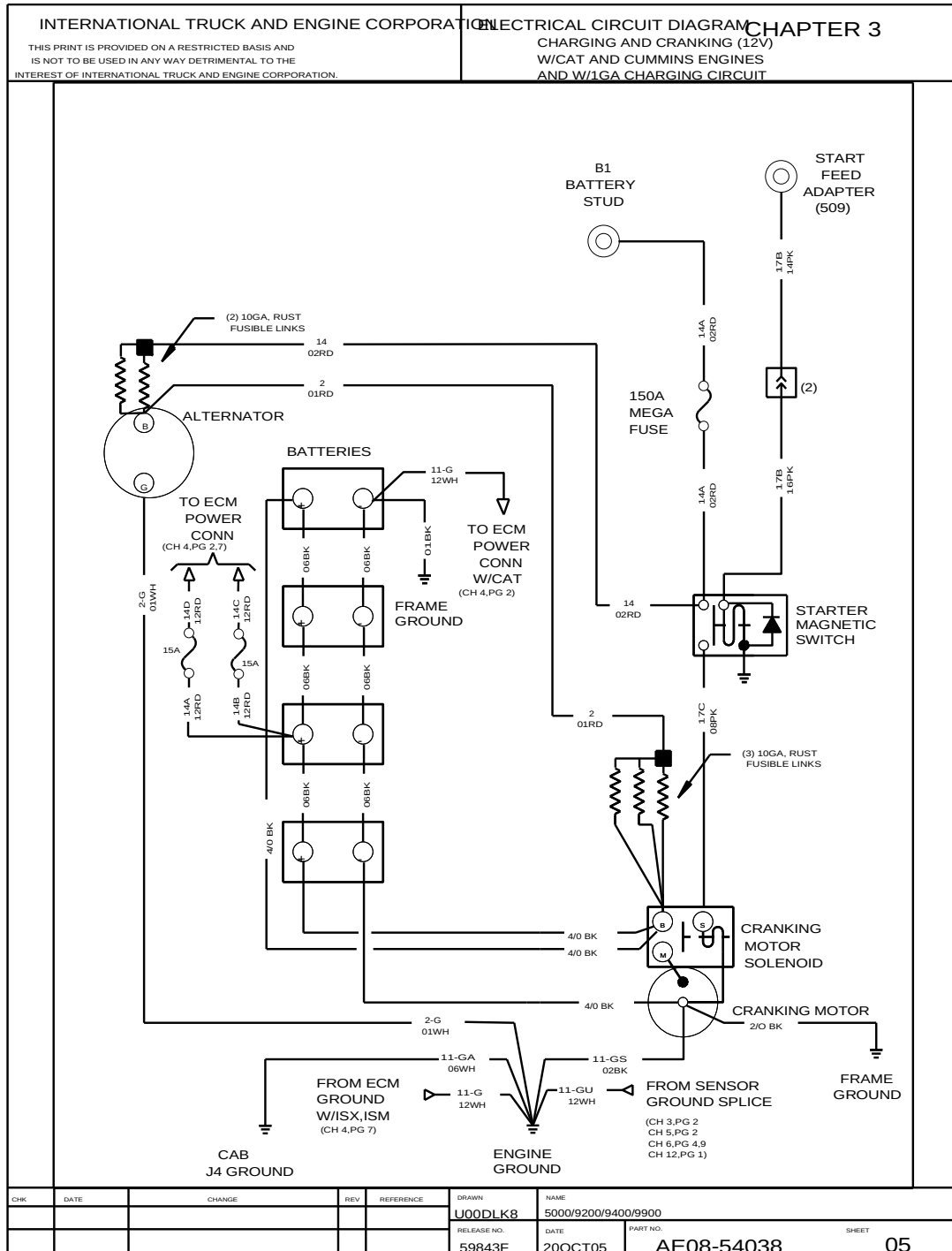


Figure 23 W/Cat and Cummins Engines and W/1GA Charging Circuit

4. ENGINE SYSTEMS (CHAPTER 4)

4.1. CATERPILLAR C10, C11, C12, C13, C15, AND C16 CRUISE CONTROL, P. 1

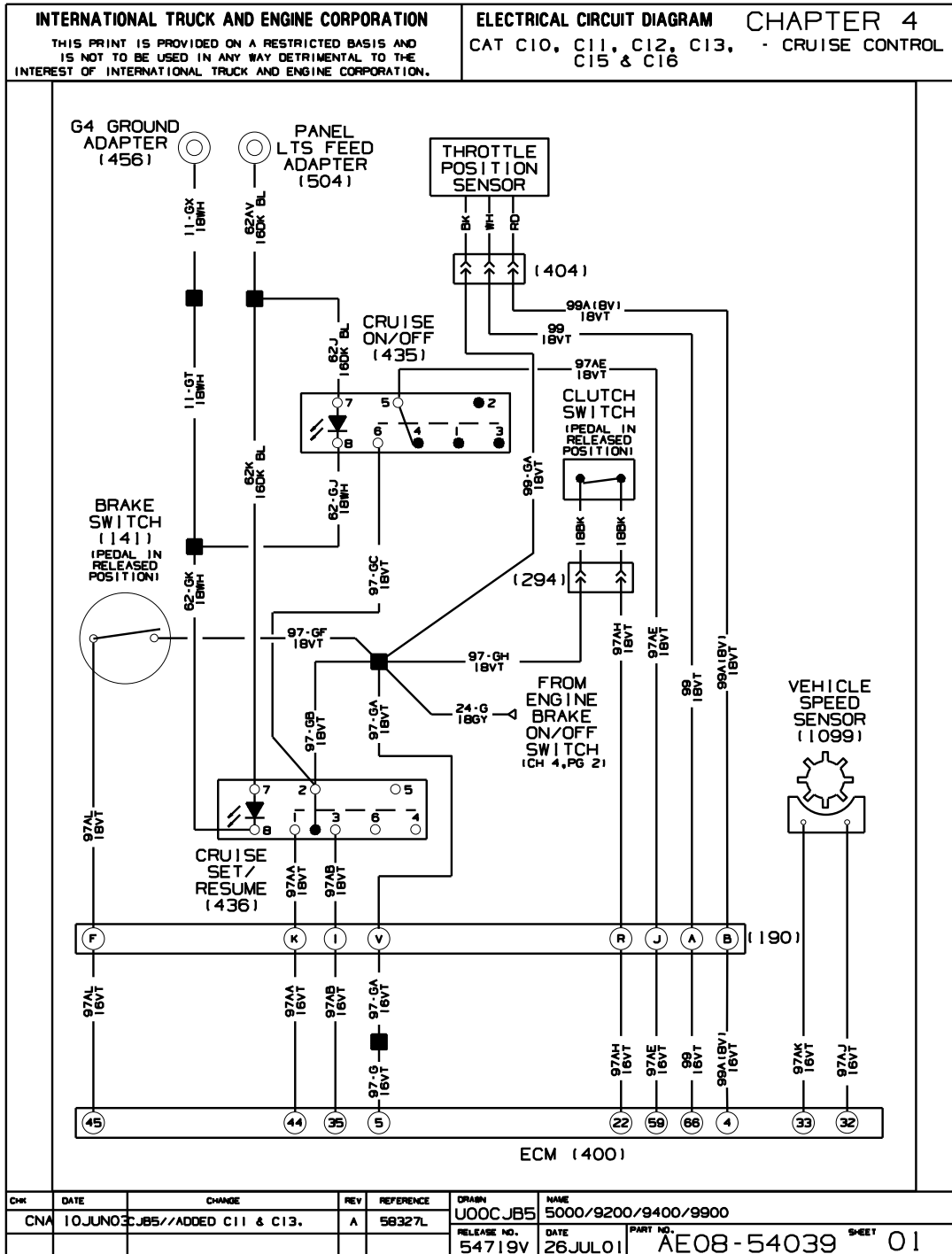


Figure 24 Caterpillar C10, C11, C12, C13, C15, and C16 Cruise Control

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS

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4.2. CATERPILLAR C10, C11, C12, C13, C15, AND C16 ENGINE BRAKE, P. 2

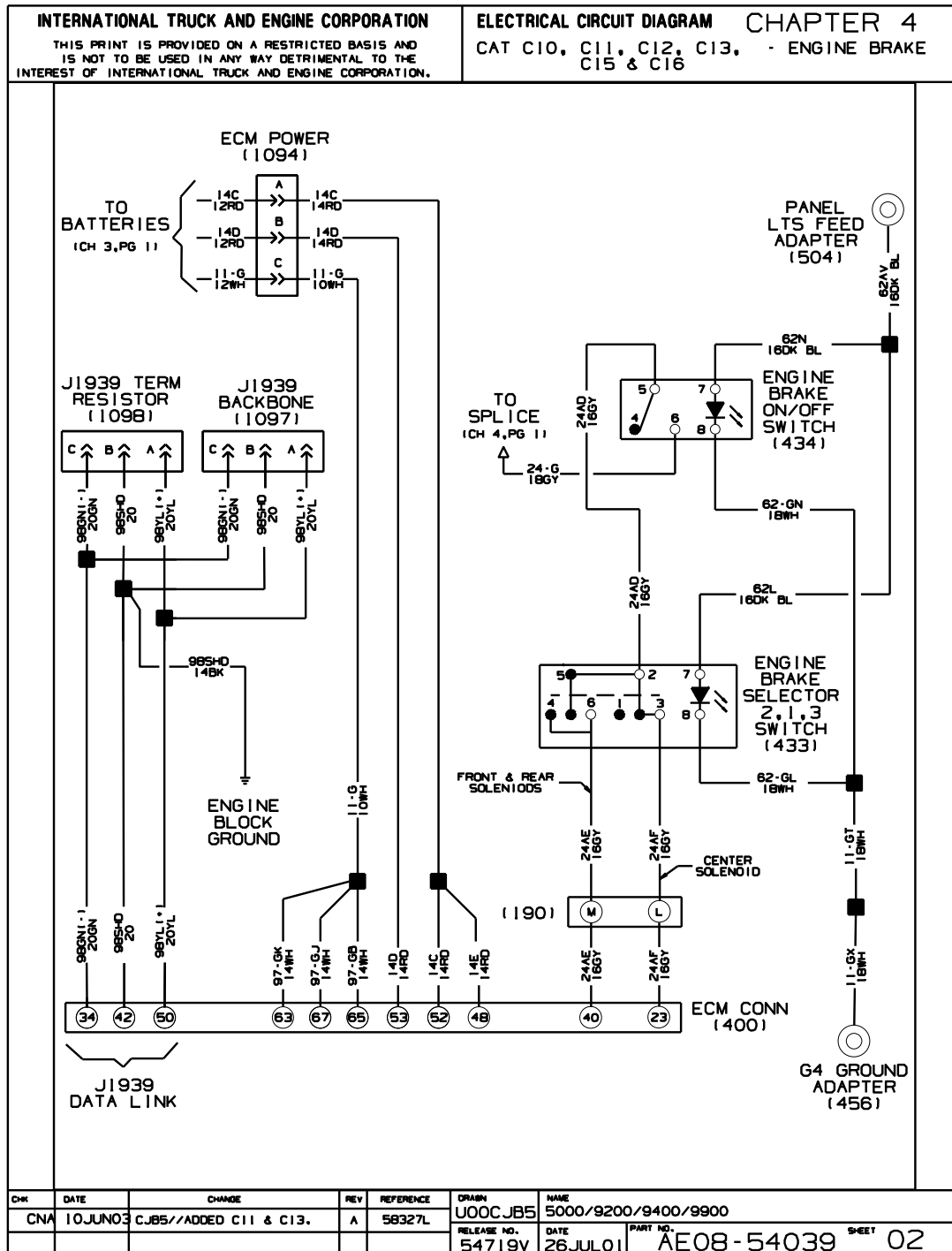


Figure 25 Caterpillar C10, C11, C12, C13, C15, and C16 Engine Brake

4.3. CATERPILLAR C10, C11, C12, C13, C15, AND C16 ENGINE CONTROLS, P. 3

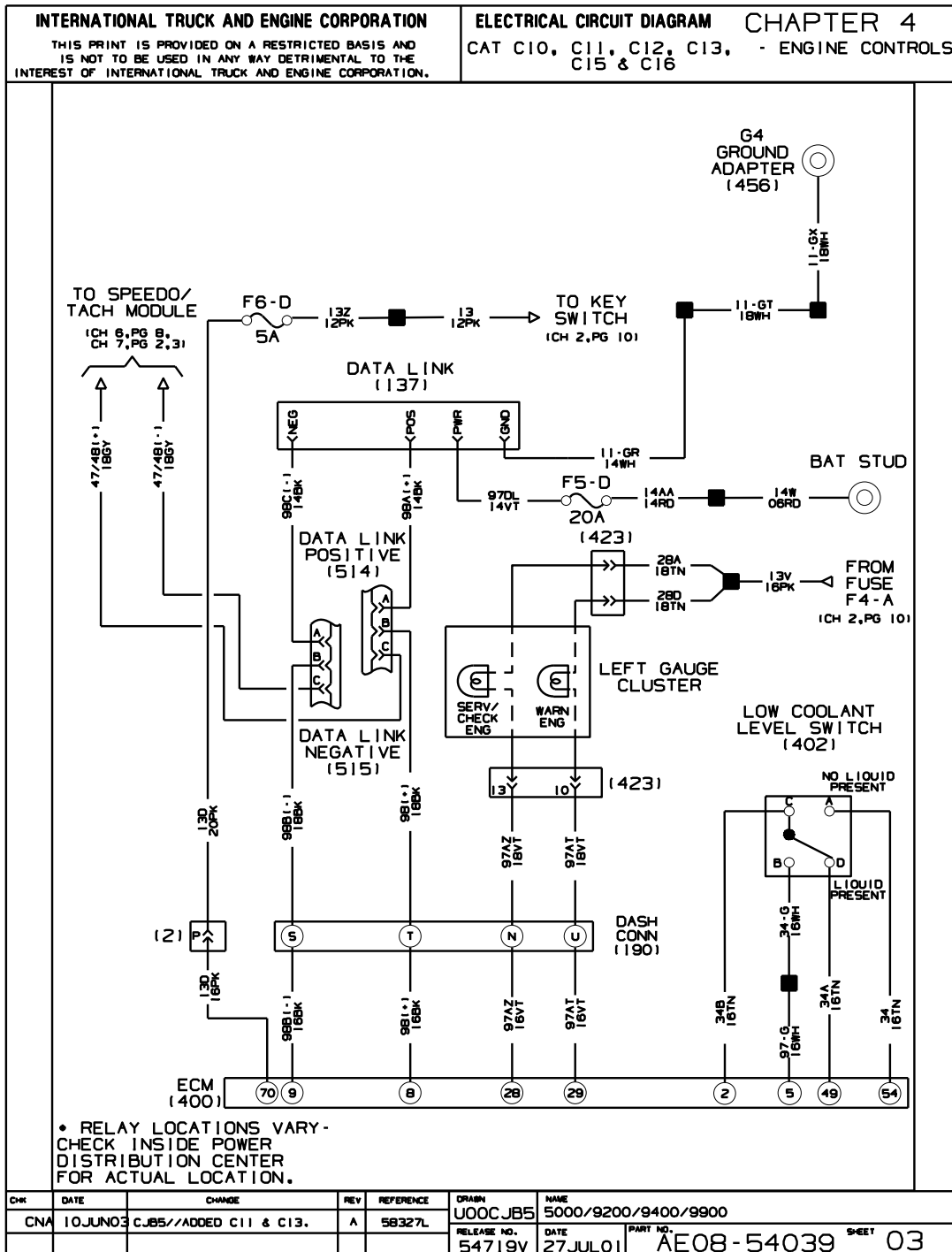


Figure 26 Caterpillar C10, C11, C12, C13, C15, and C16 Engine Controls

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS

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4.4. CUMMINS ISM, ISX CRUISE CONTROL, P. 4

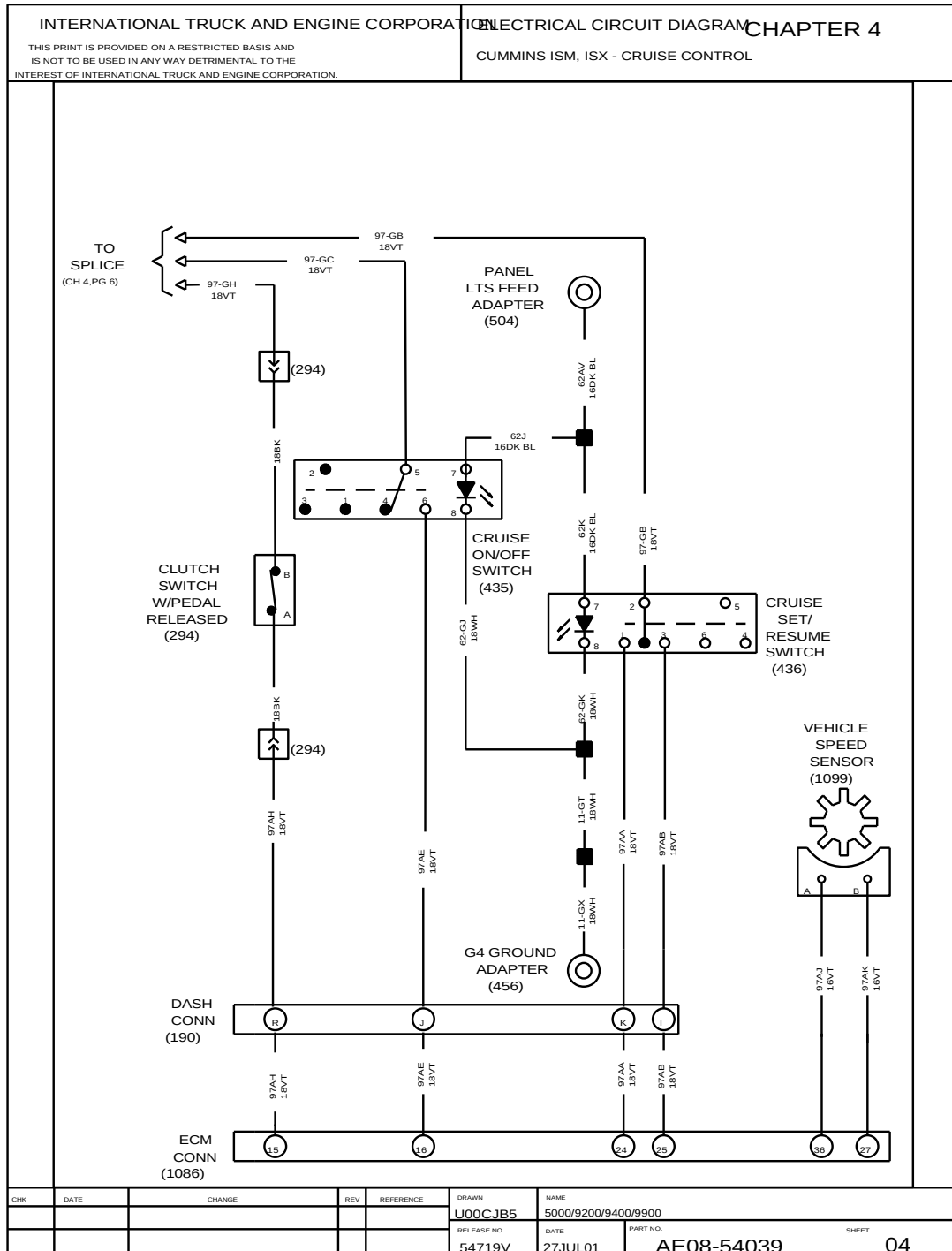


Figure 27 Cummins ISM, ISX Cruise Control

4.5. CUMMINS ISM, ISX ENGINE BRAKE, P. 5

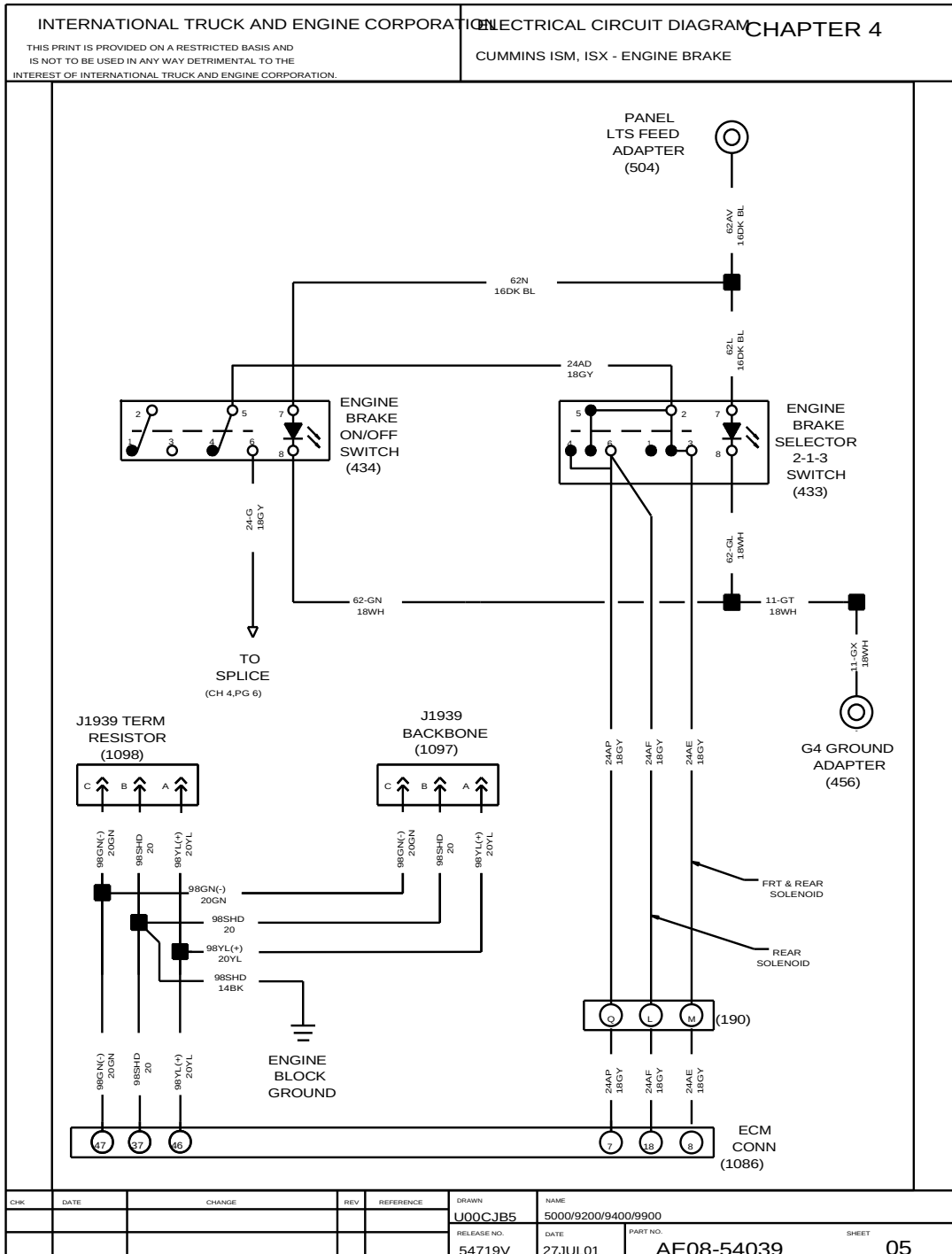


Figure 28 Cummins ISM, ISX Engine Brake

4.6. CUMMINS ISM , ISX — ENGINE CONTROLS, P. 6

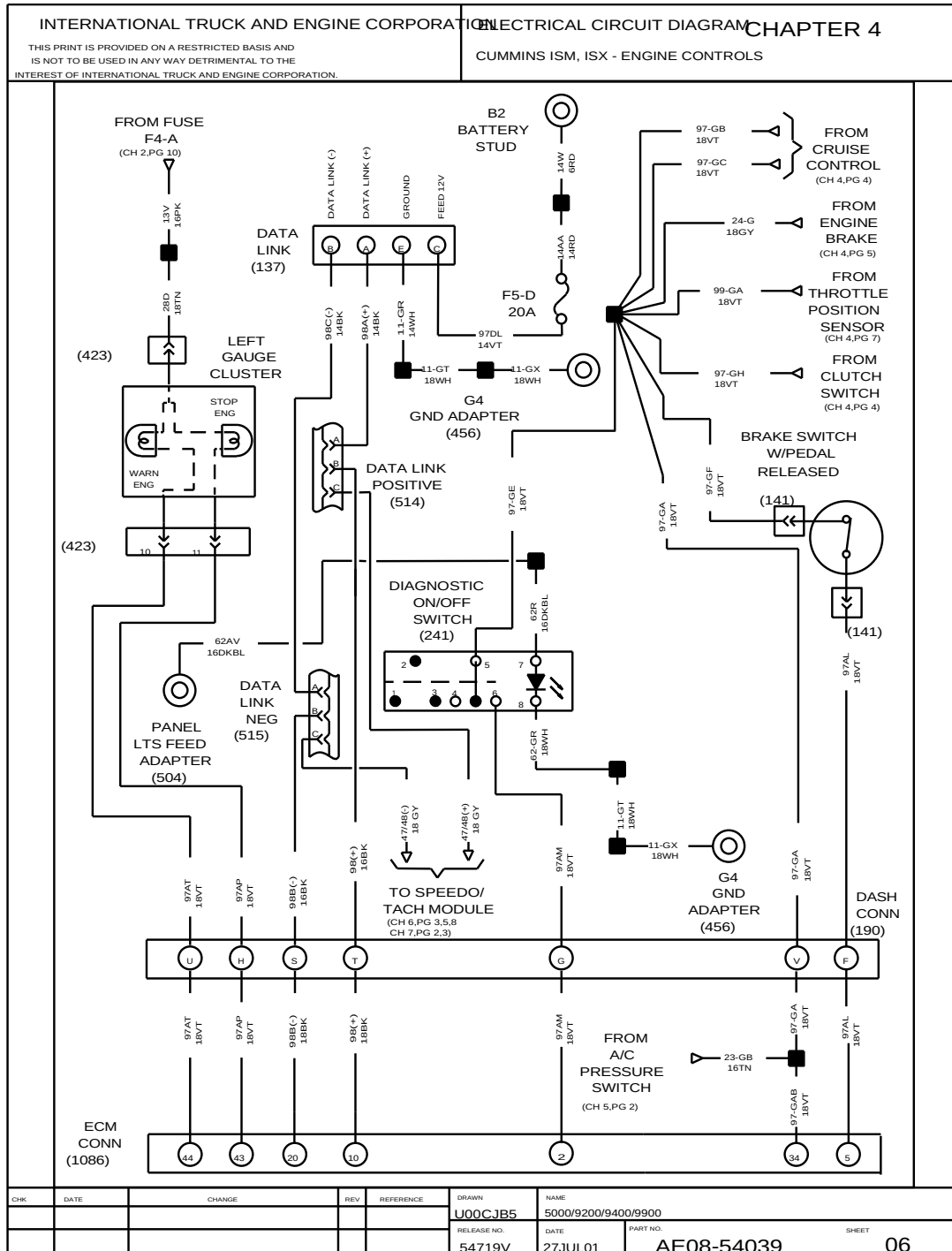


Figure 29 Cummins ISM, ISX – Engine Controls

4.7. CUMMINS AHD AND ISM – ENGINE CONTROLS, P. 7

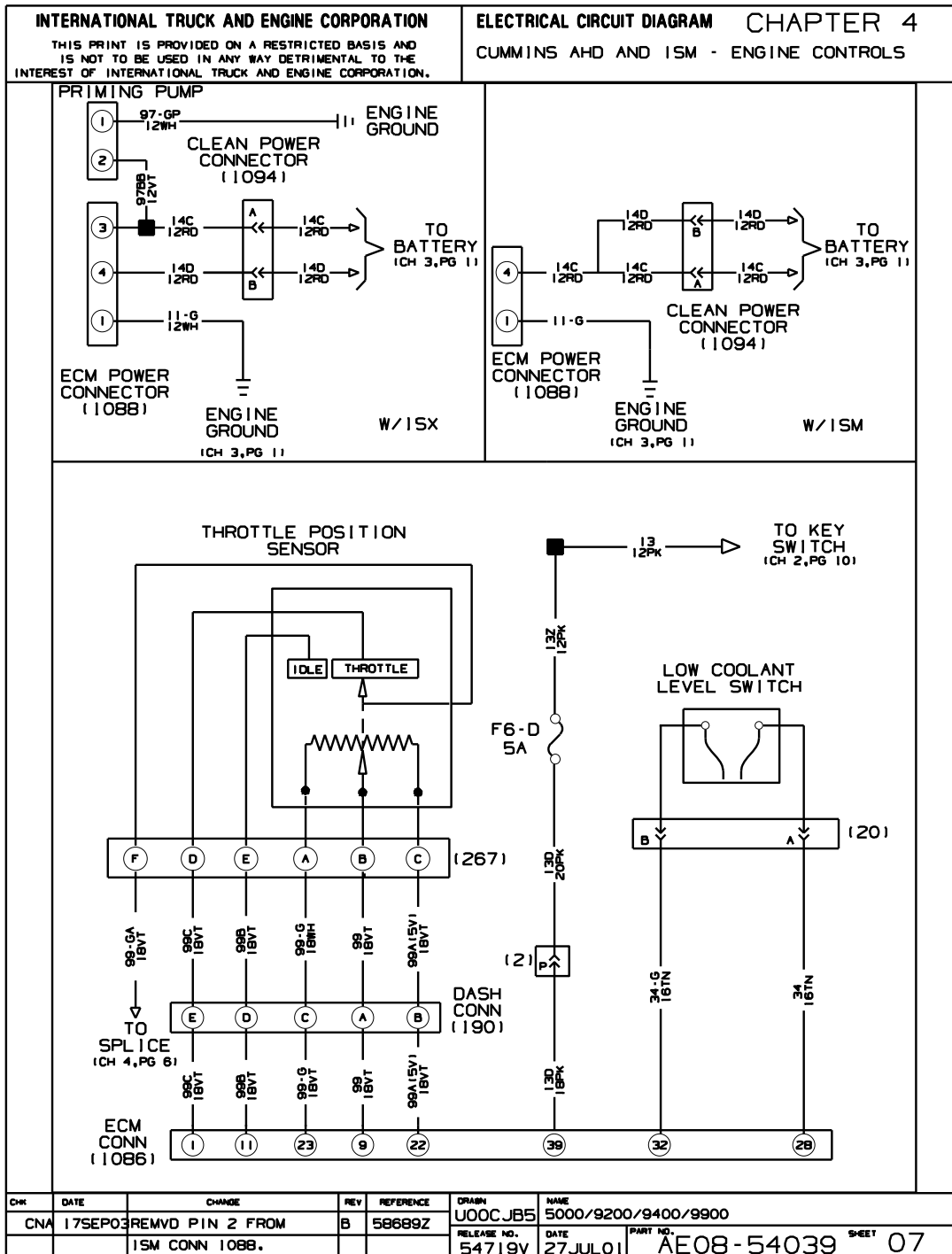


Figure 30 Cummins AHD and ISM – Engine Controls

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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4.8. I6 HEUI — CRUISE CONTROL, P. 8

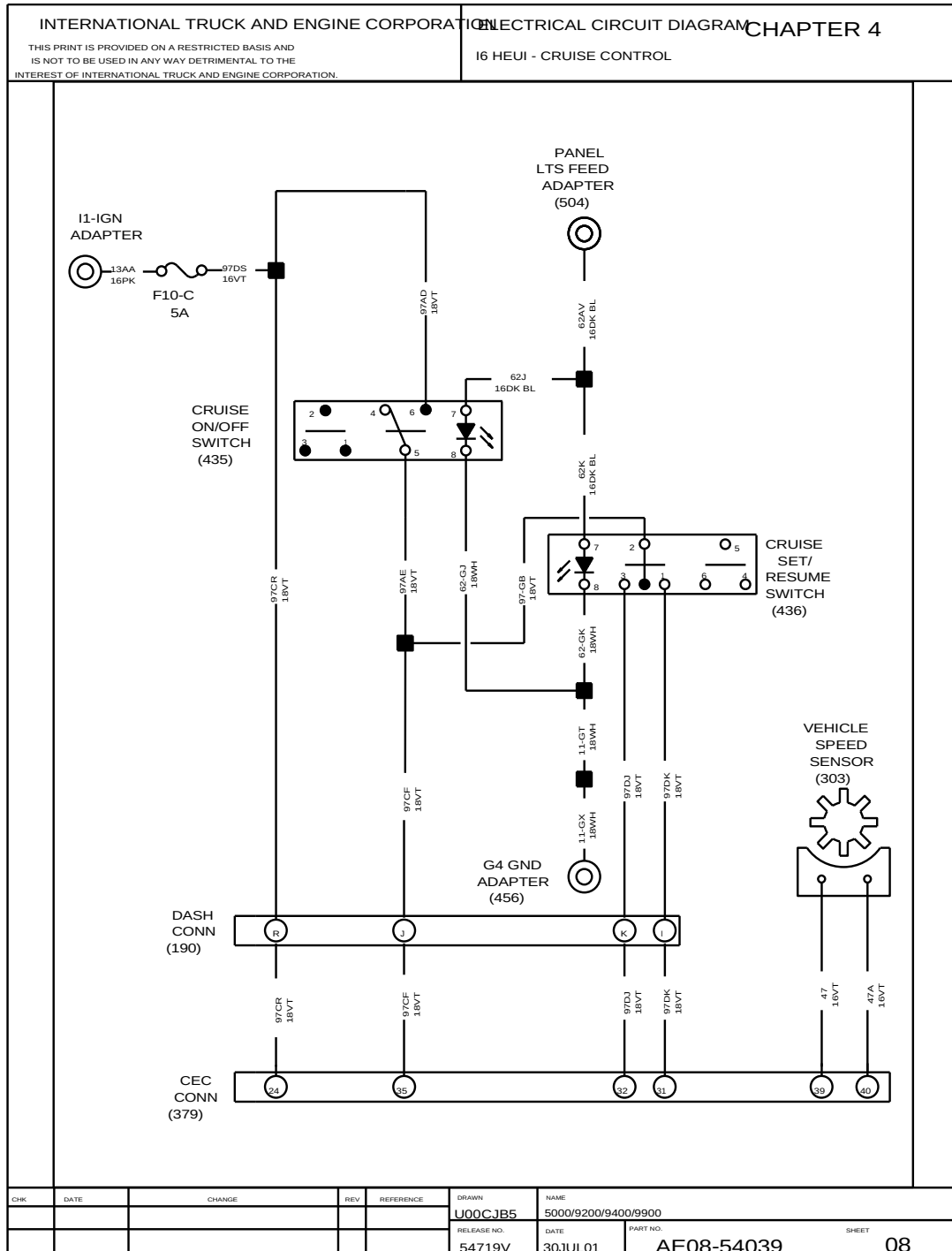


Figure 31 I6 HEUI — Cruise Control

4.9. 16 HEUI — ENGINE BRAKE, P. 9

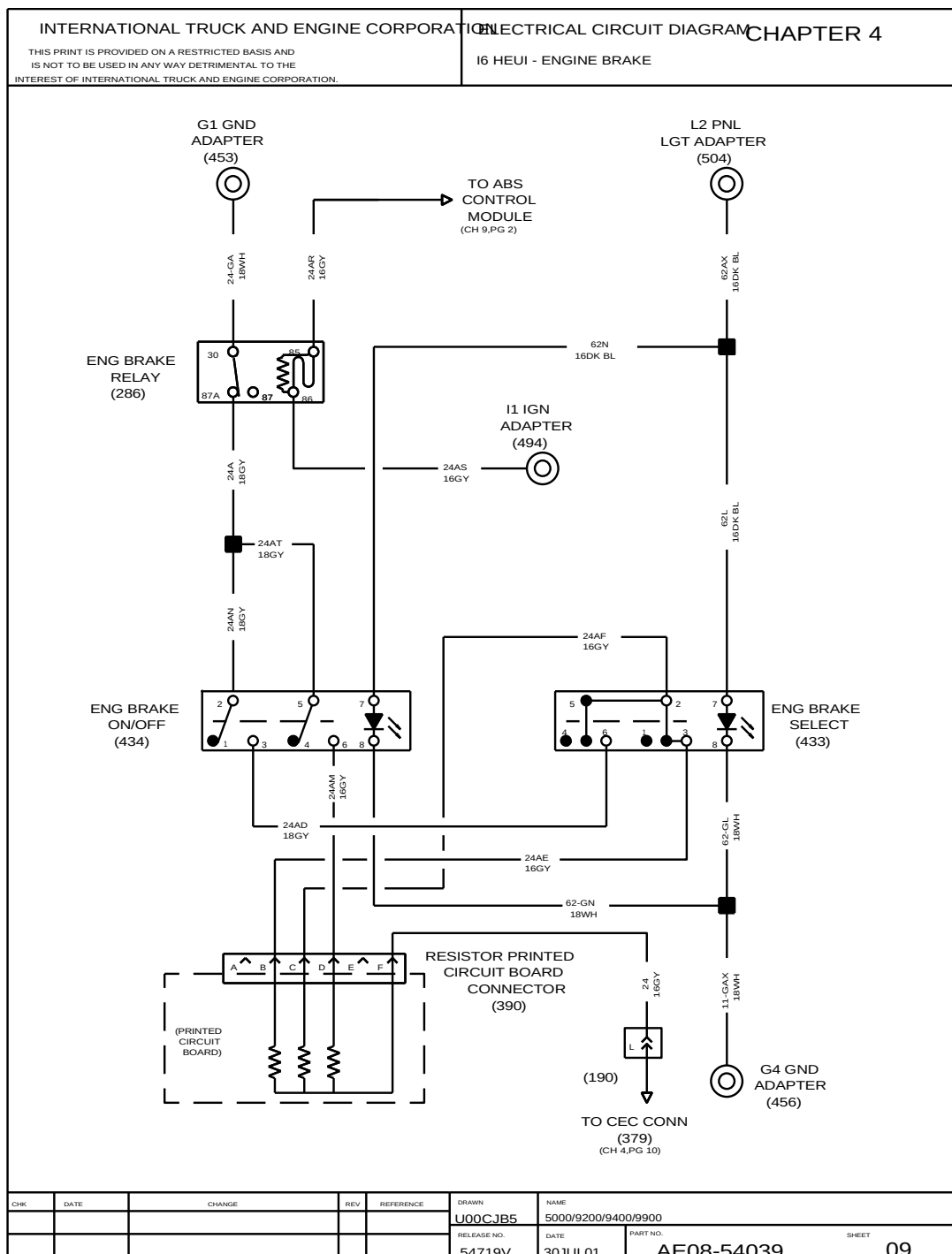


Figure 32 I6 HEUI — Engine Brake

4.10. I6 HEUI — ENGINE CONTROLS, P. 10

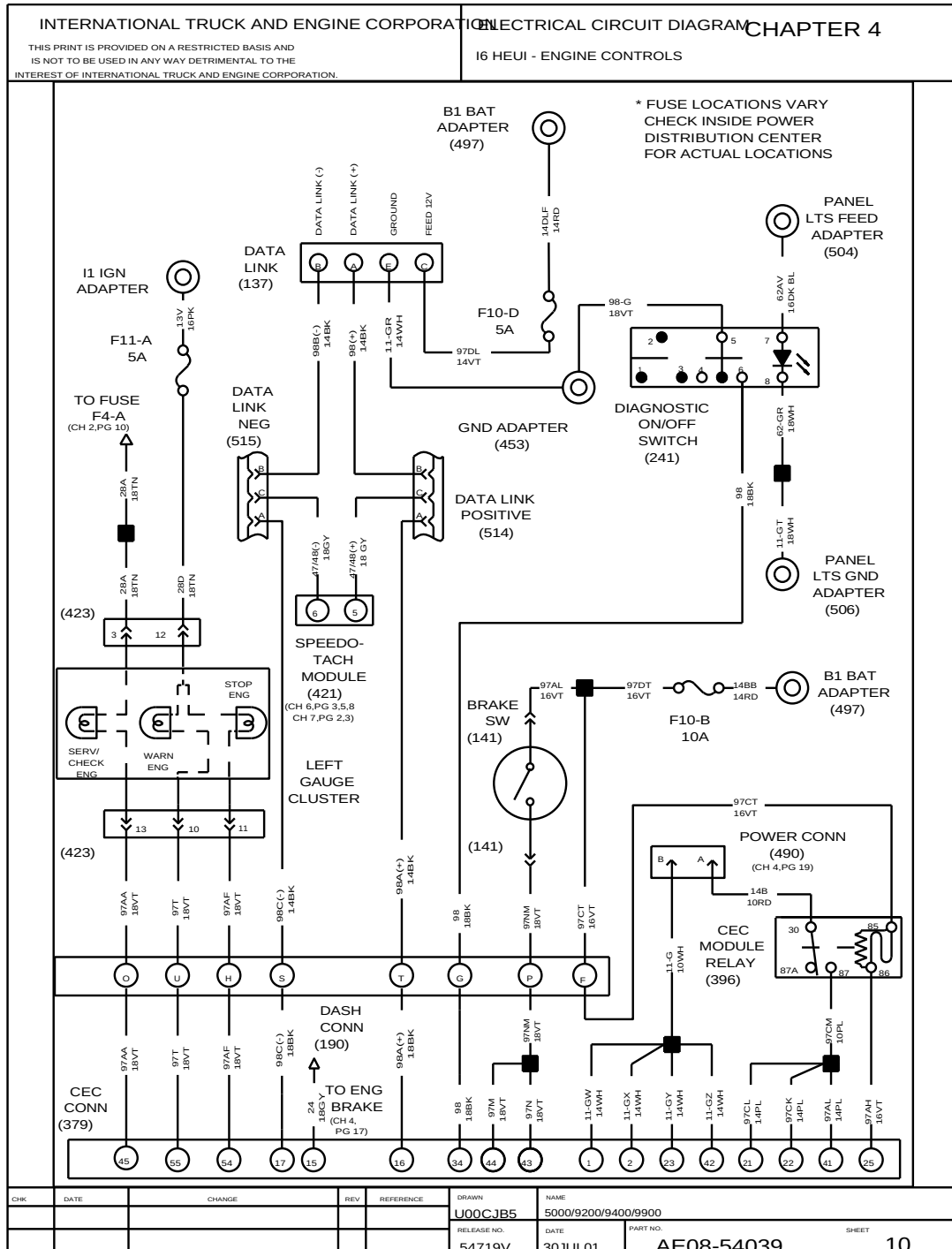


Figure 33 16 HEUI — Engine Controls

4.11. I6 HEUI — MODULE POWER AND GROUND SYSTEM, P. 11

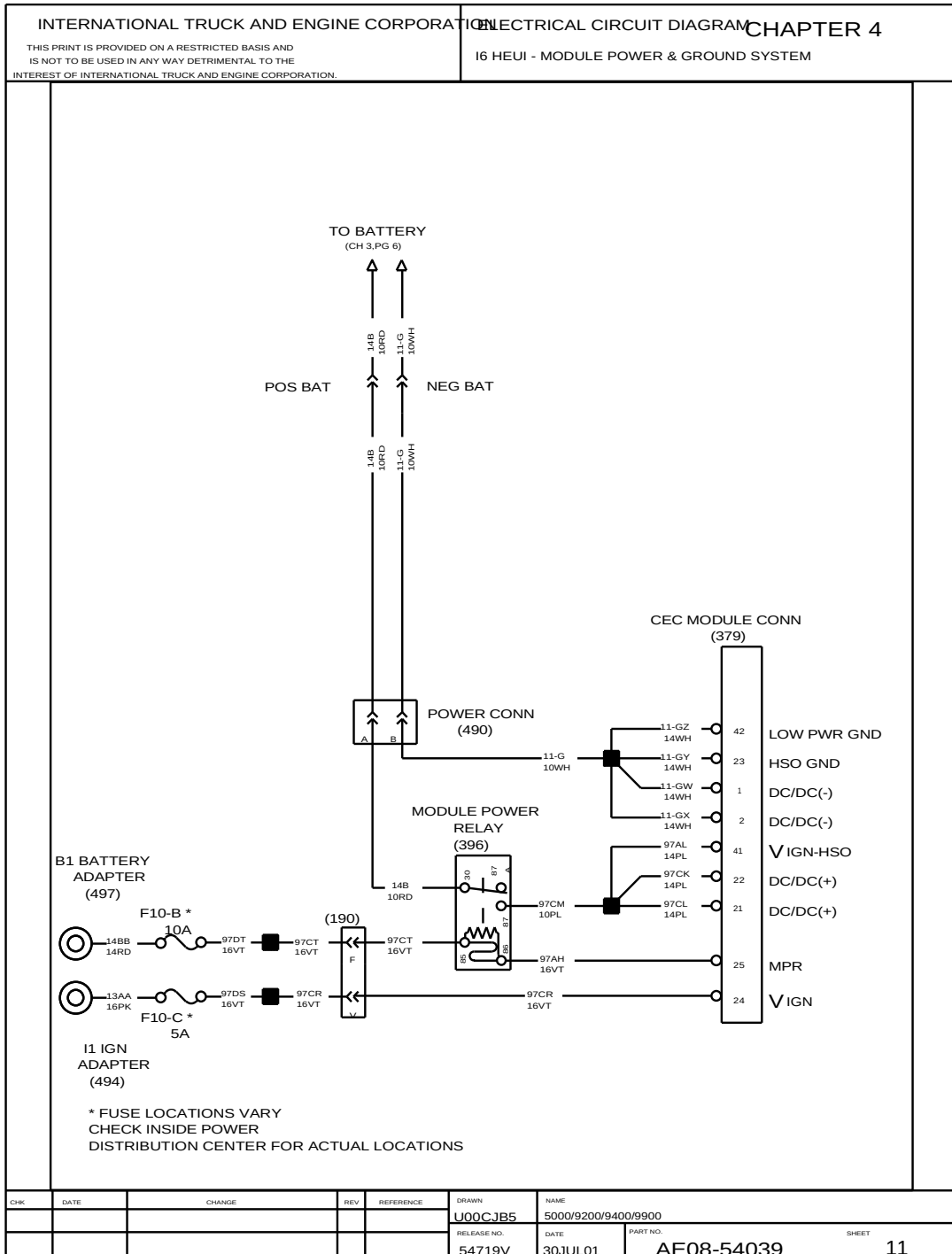


Figure 34 I6 HEUI — Module Power and Ground System

4.12. I6 HEUI — ACCELERATOR, BAP, AMBIENT AIR TEMP SENSOR SYSTEM, P. 12

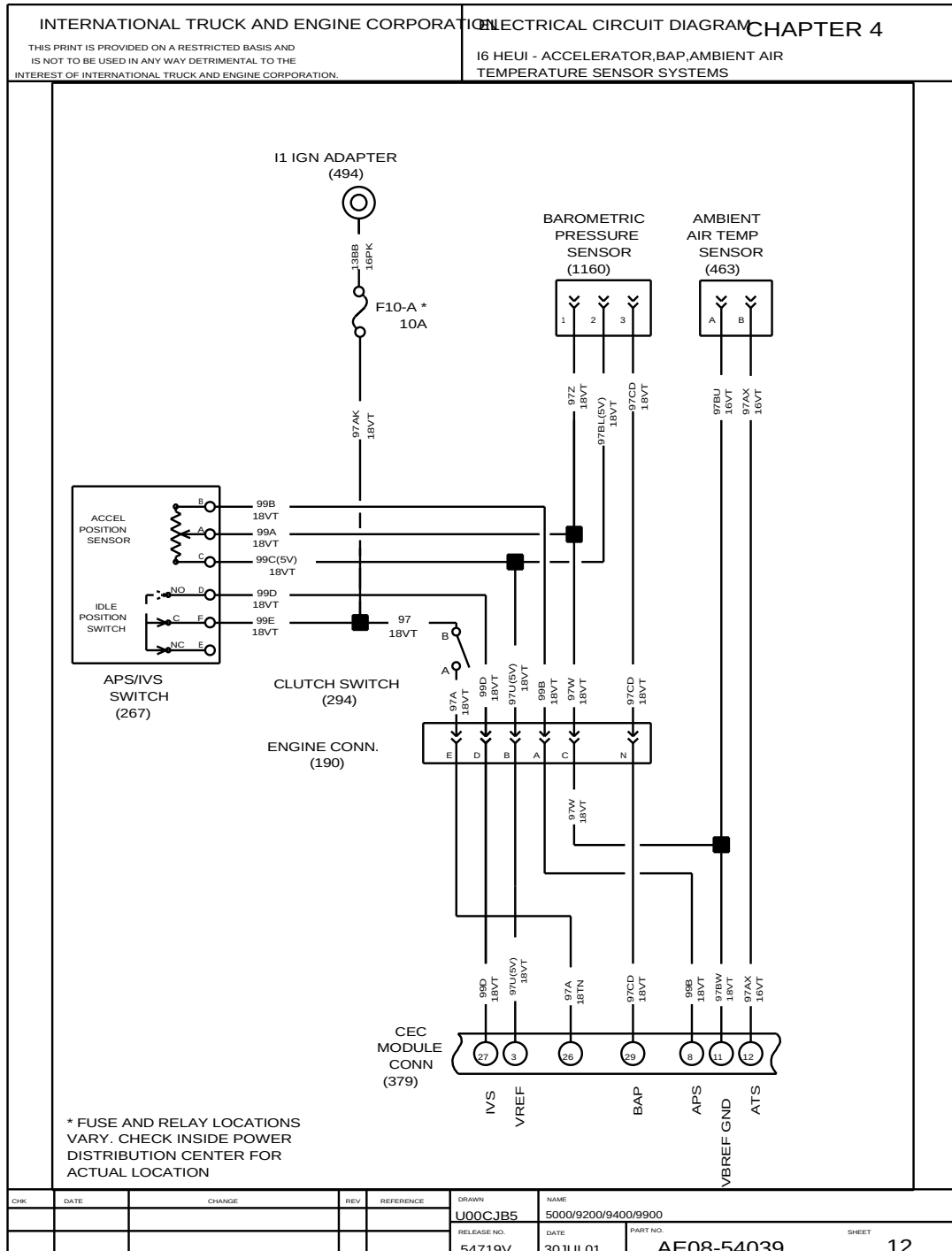


Figure 35 I6 HEUI — Accelerator, BAP, Ambient Air Temp Sensor System

4.13. I6 HEUI — SURGE TANK AND EXHAUST BRAKE SOLENOID, P. 13

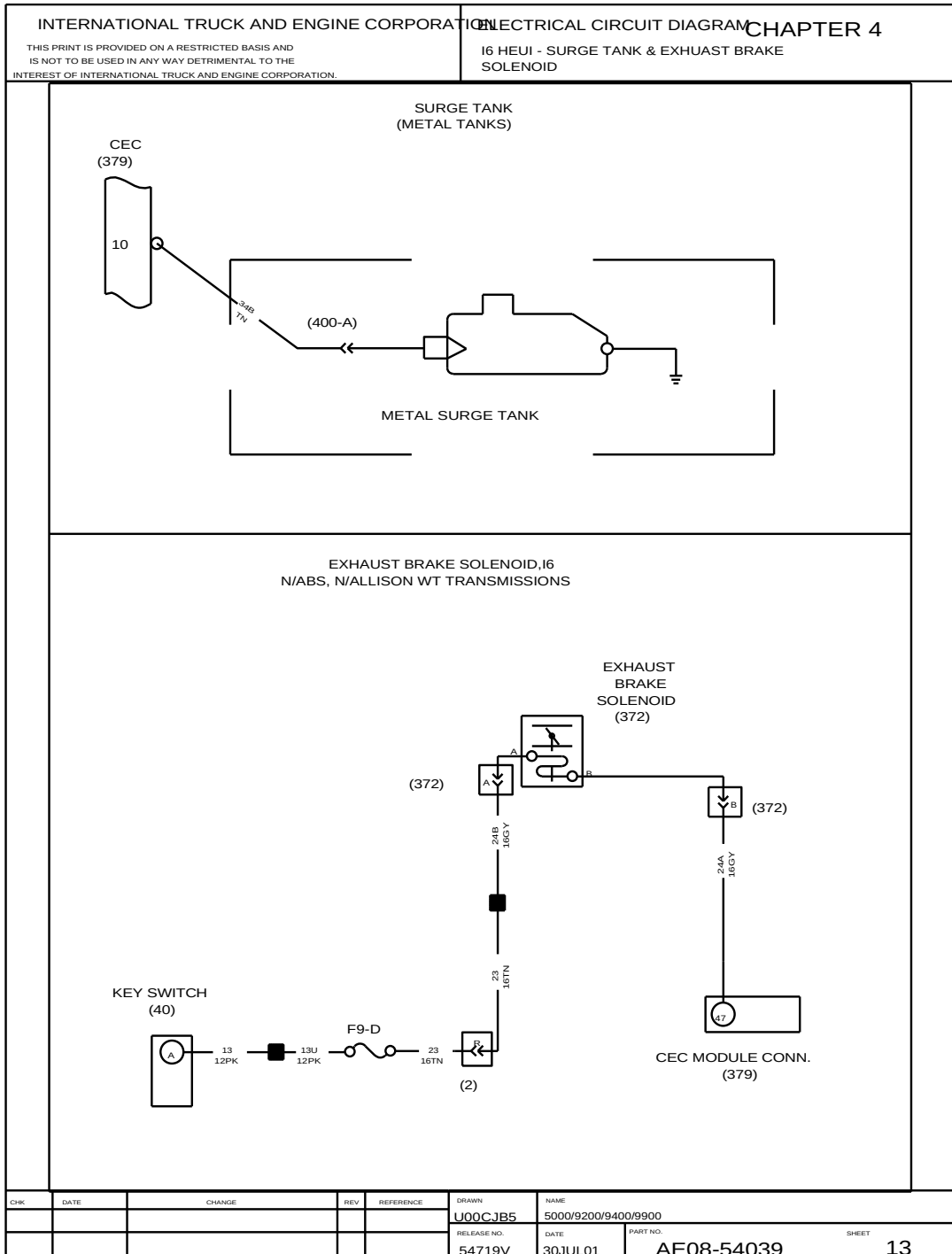


Figure 36 I6 HEUI — Surge Tank and Exhaust Brake Solenoid

**5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS**

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5.3. HORTON AND KYSOR ENGINE FAN WITH I6 HEUI ENGINES W/SHUTTER, P. 3

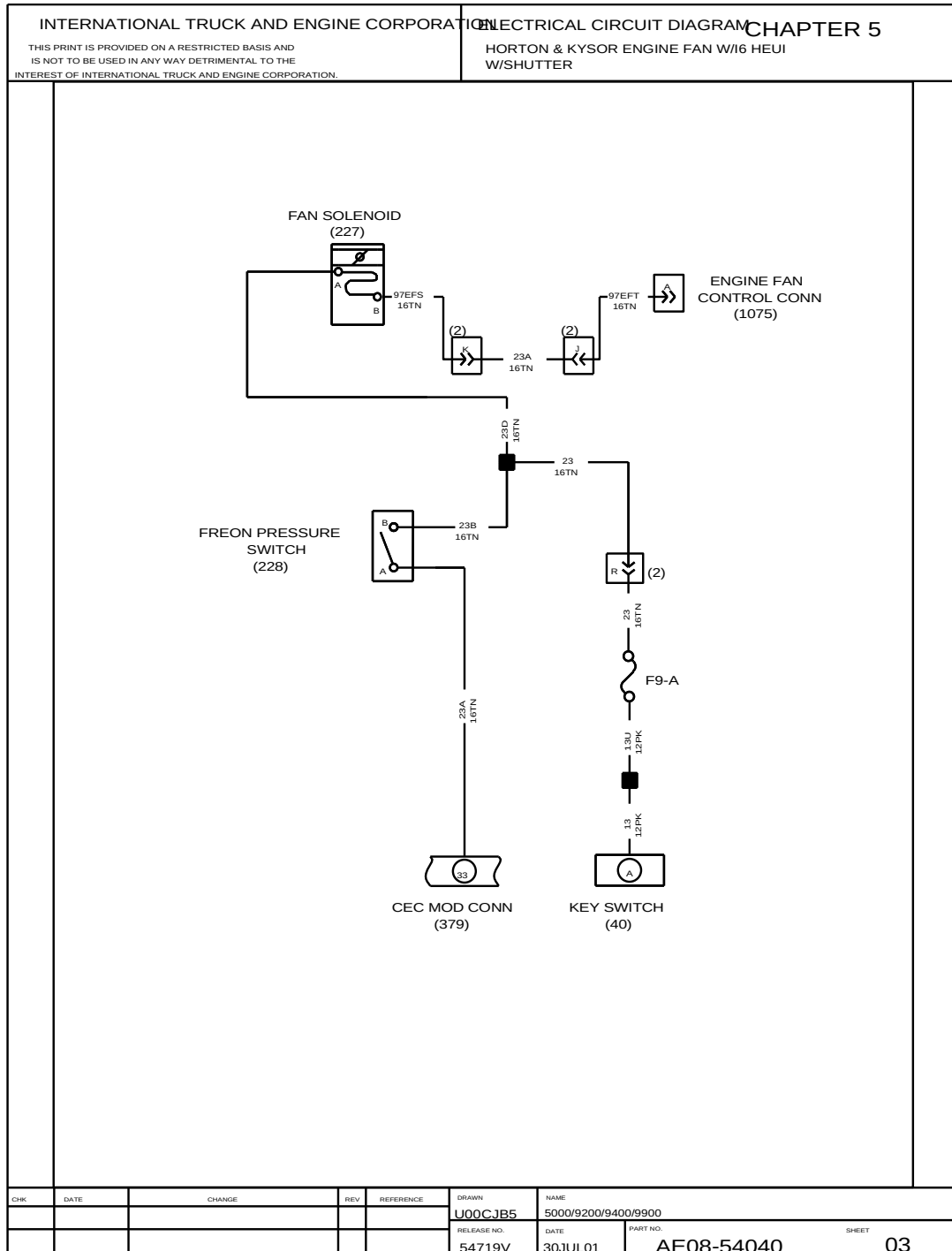


Figure 39 Horton and Kysor Engine Fan With I6 HEUI Engines W/Shutter

6.3. ENGINE OIL PRESSURE GAUGE, P. 3

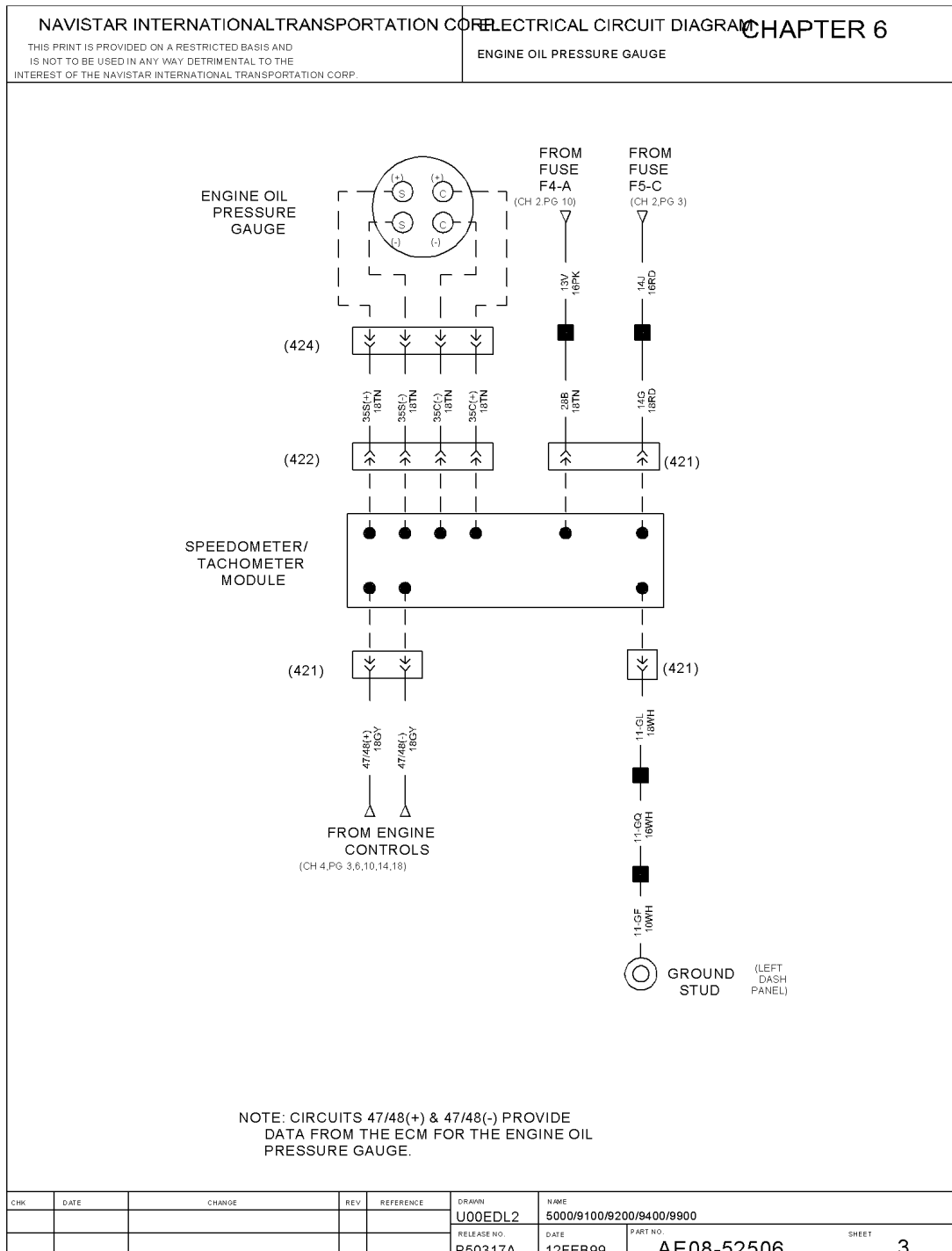


Figure 42 Engine Oil Pressure Gauge

6.4. ENGINE OIL TEMPERATURE GAUGE, P. 4

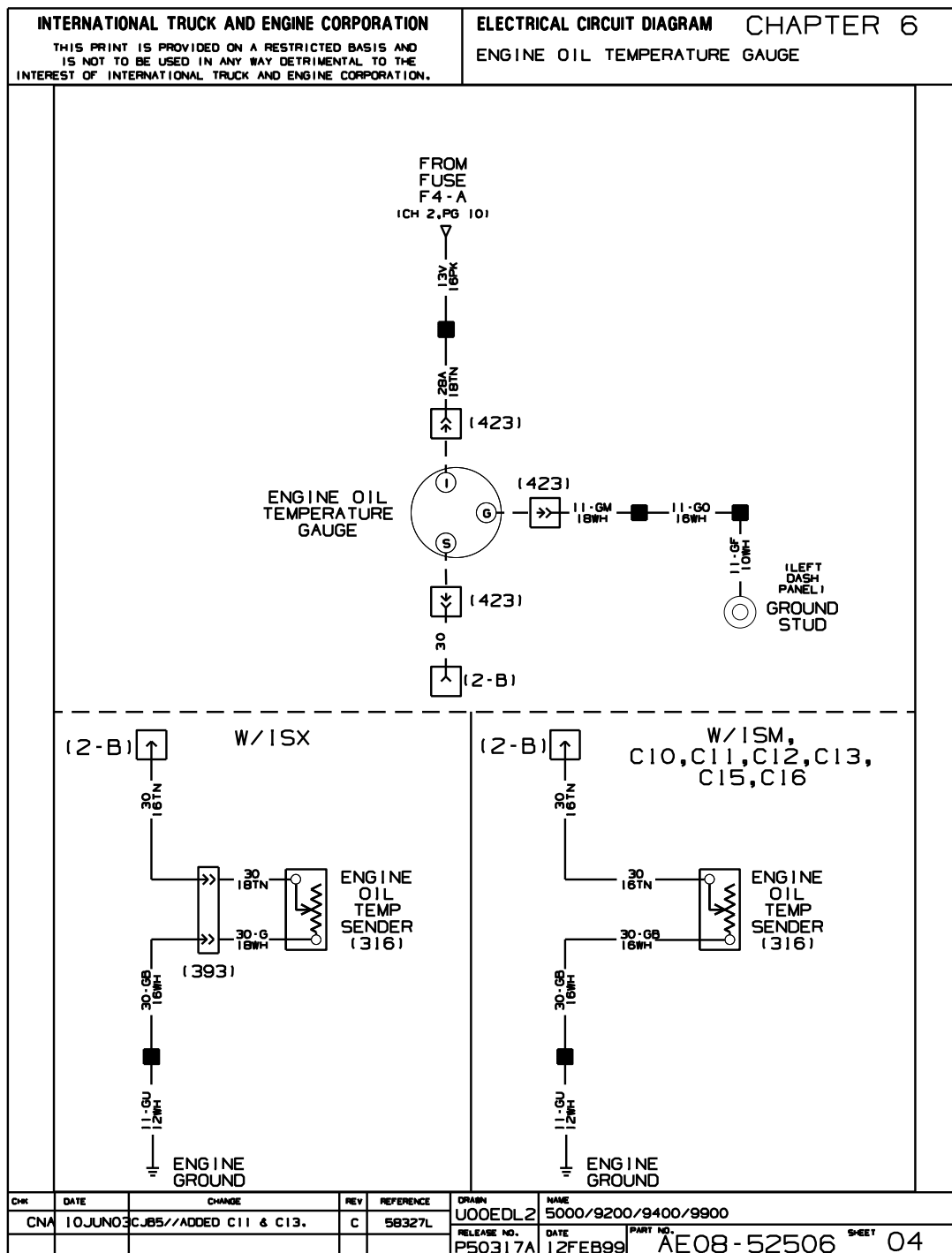


Figure 43 Engine Oil Temperature Gauge

6.5. ENGINE WATER TEMPERATURE GAUGE, P. 5

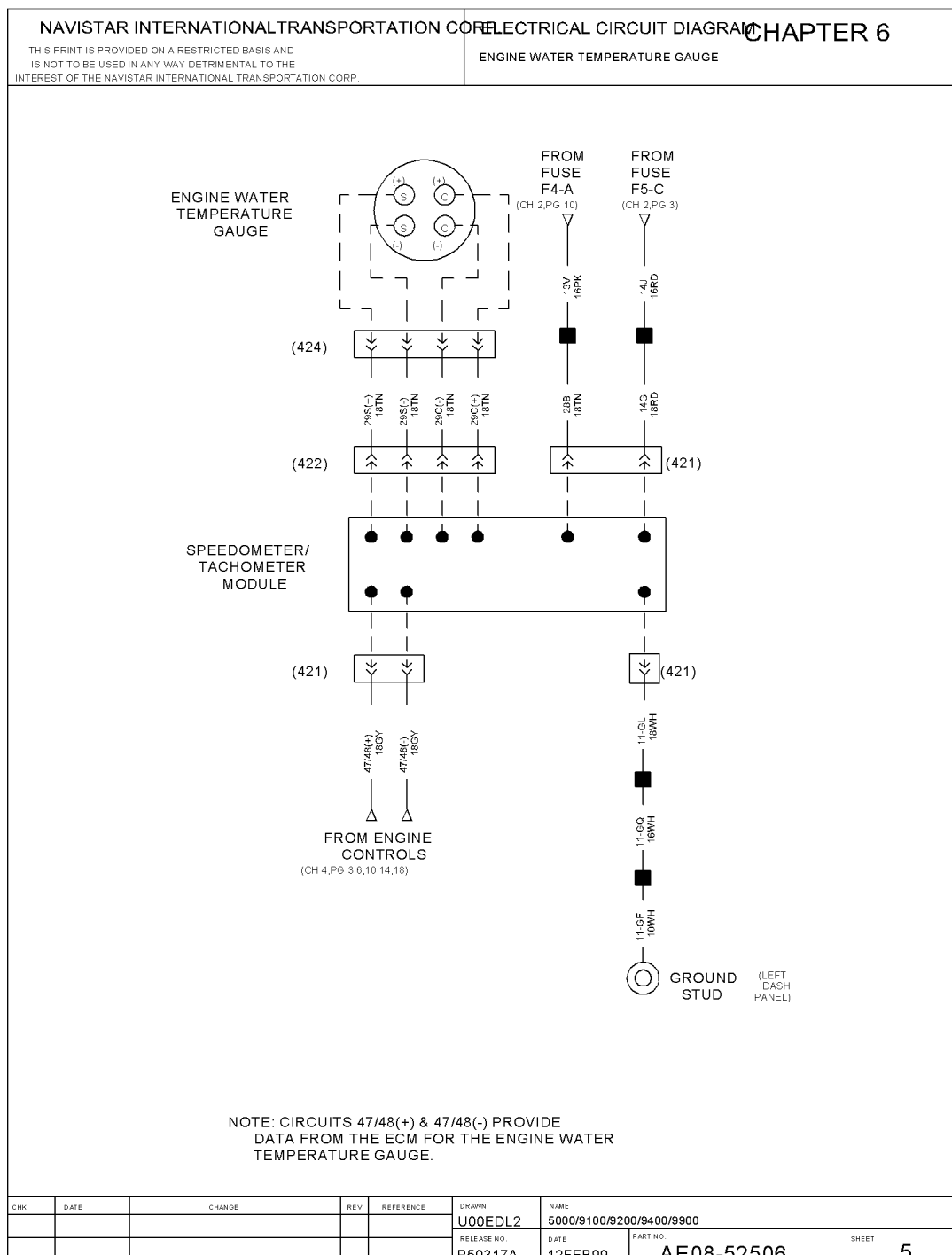


Figure 44 Engine Water Temperature Gauge

6.6. FUEL LEVEL GAUGE, P. 6

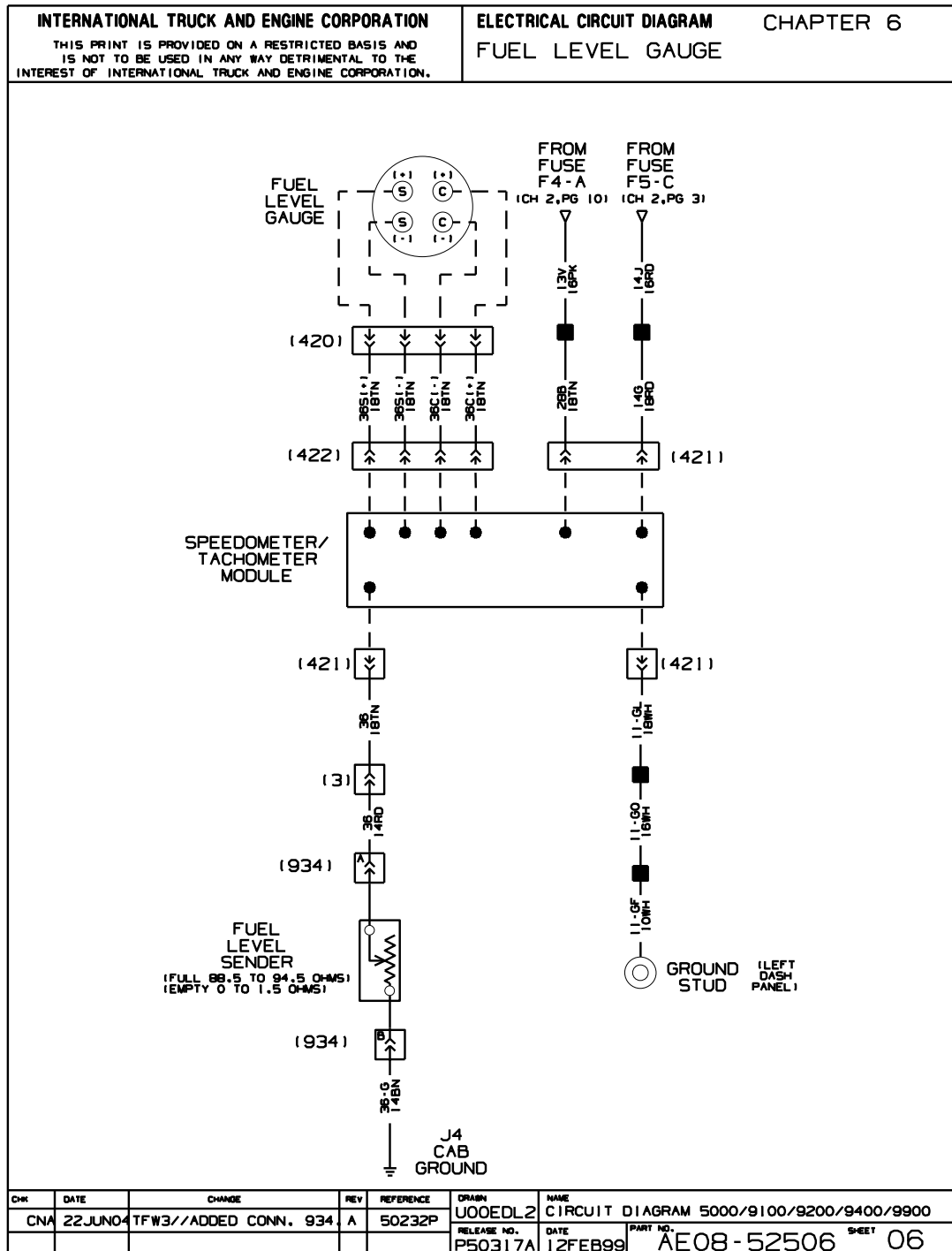


Figure 45 Fuel Level Gauge

6.7. PYROMETER GAUGE, P. 7

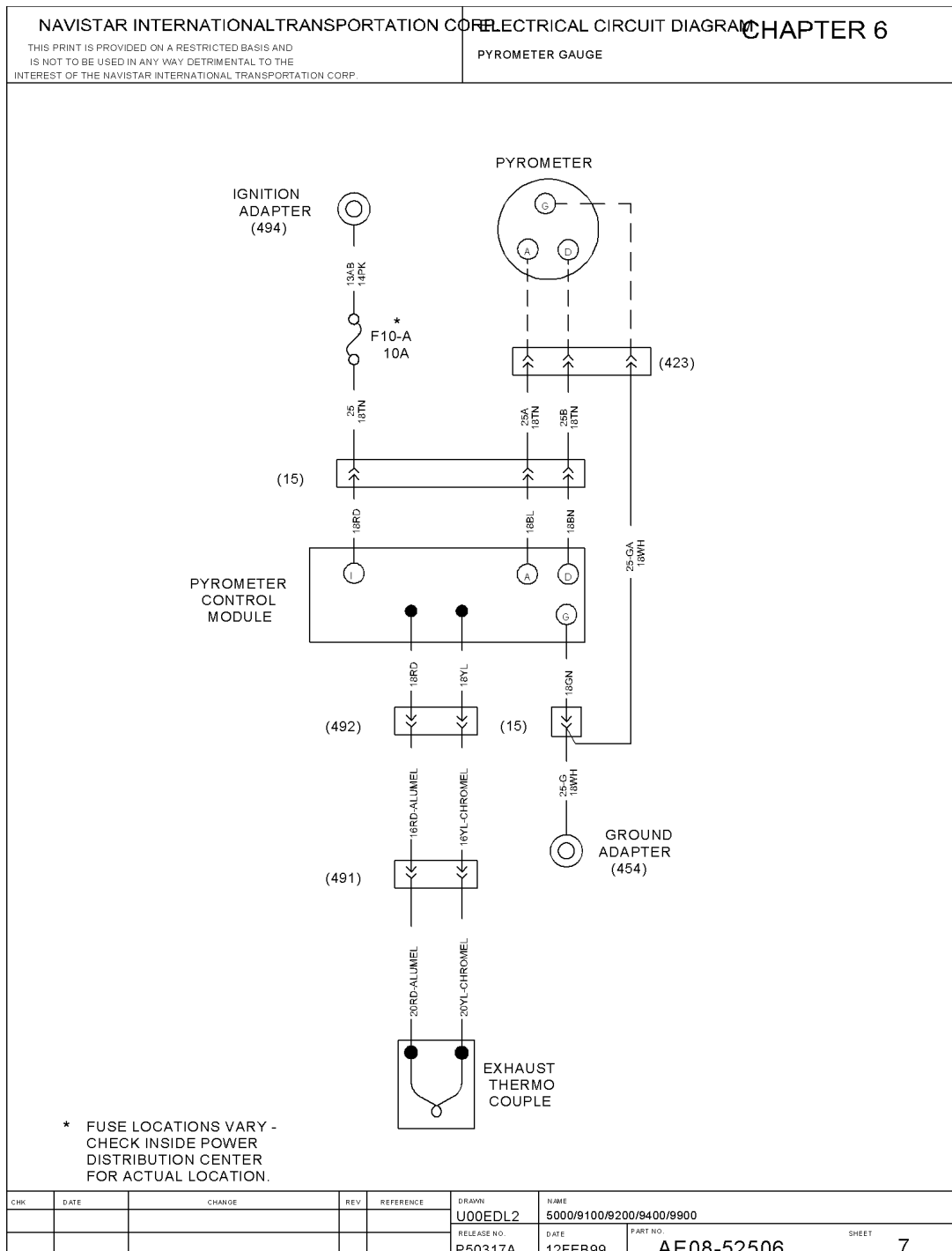


Figure 46 Pyrometer Gauge

6.8. SPEEDOMETER GAUGE — TACHOMETER GAUGE, P. 8

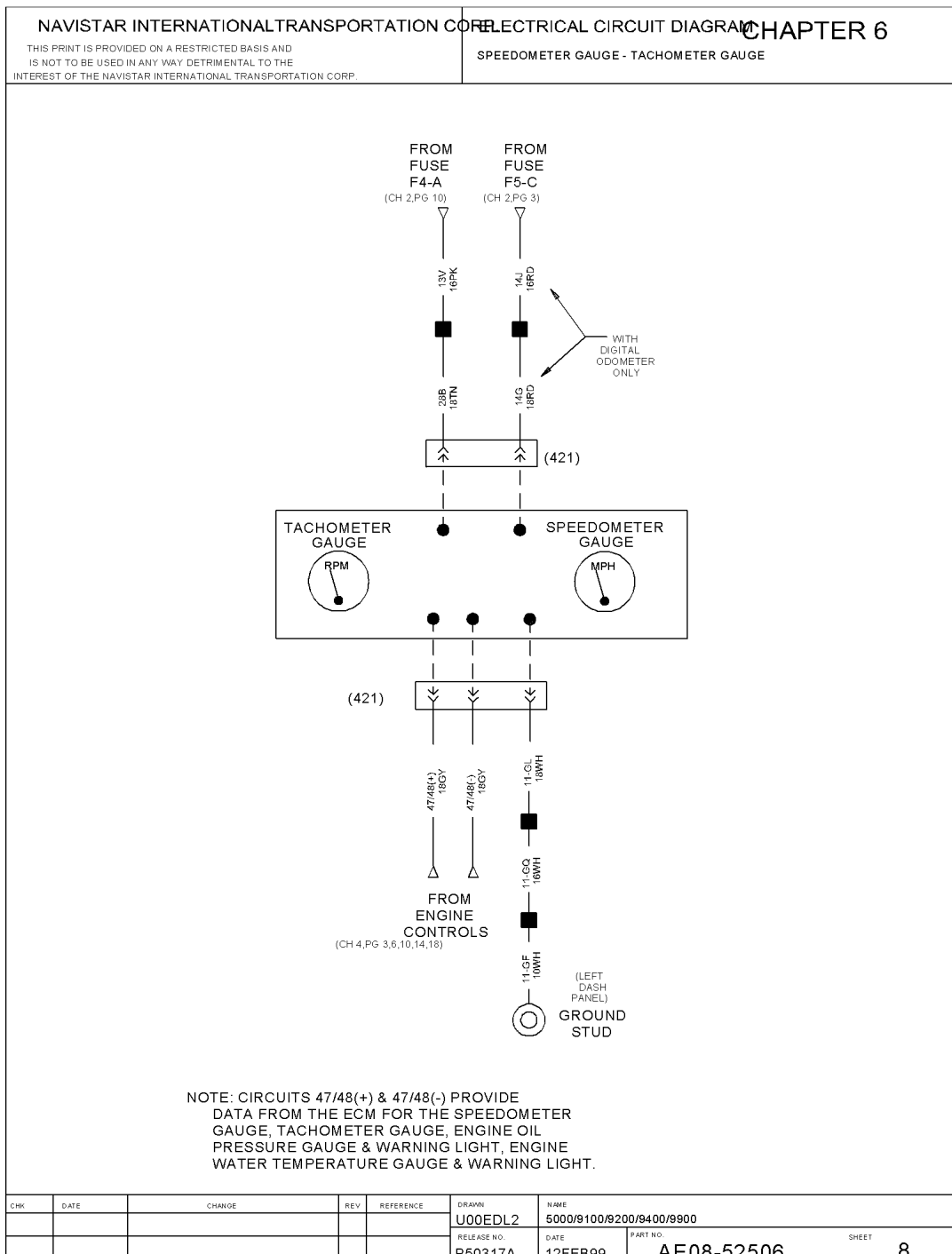


Figure 47 Speedometer Gauge — Tachometer Gauge

6.9. TRANSMISSION OIL TEMPERATURE GAUGE, P. 9

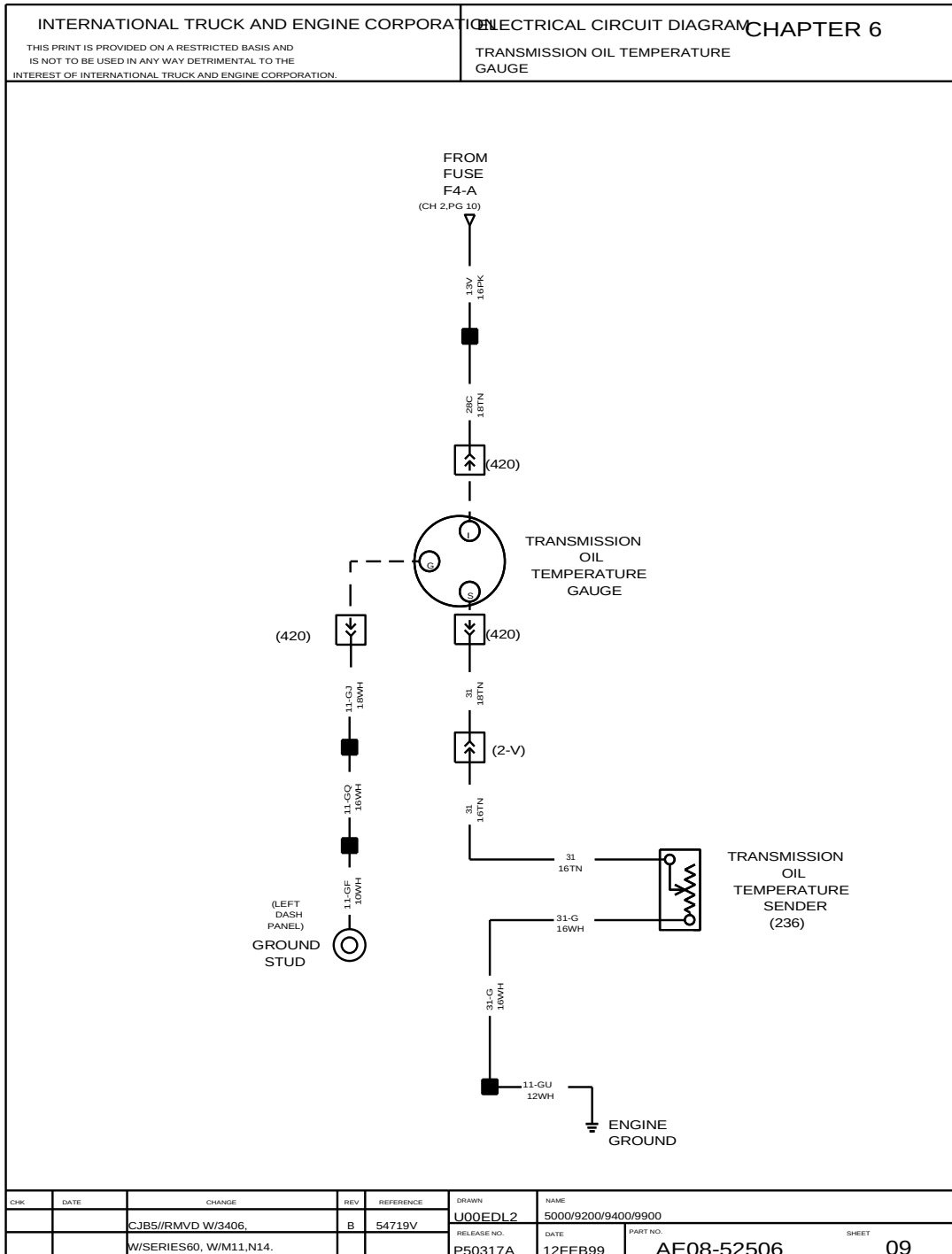


Figure 48 Transmission Oil Temperature Gauge

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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6.10. VOLTMETER GAUGE, P. 10

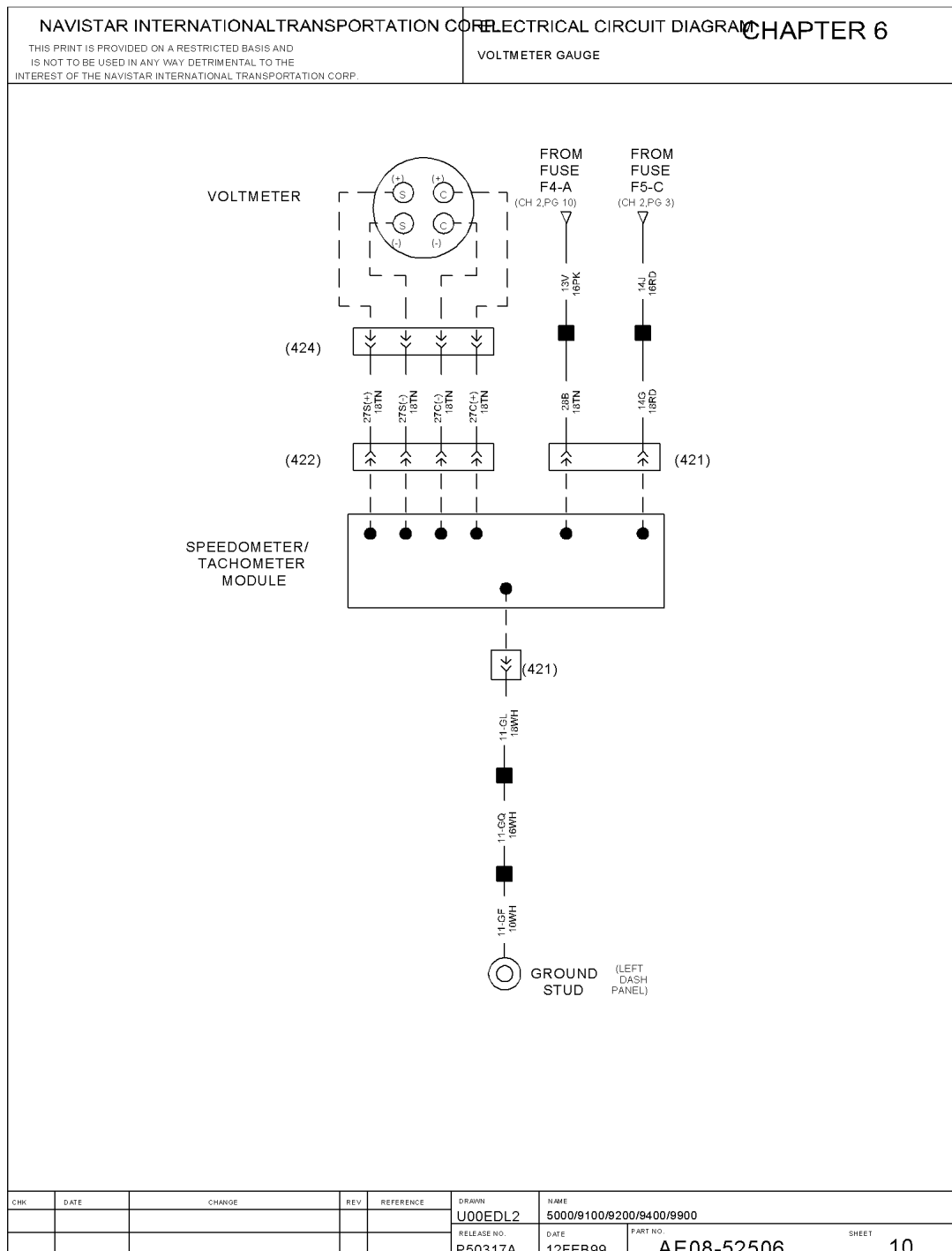


Figure 49 Voltmeter Gauge

6.11. ETHER START, P. 11

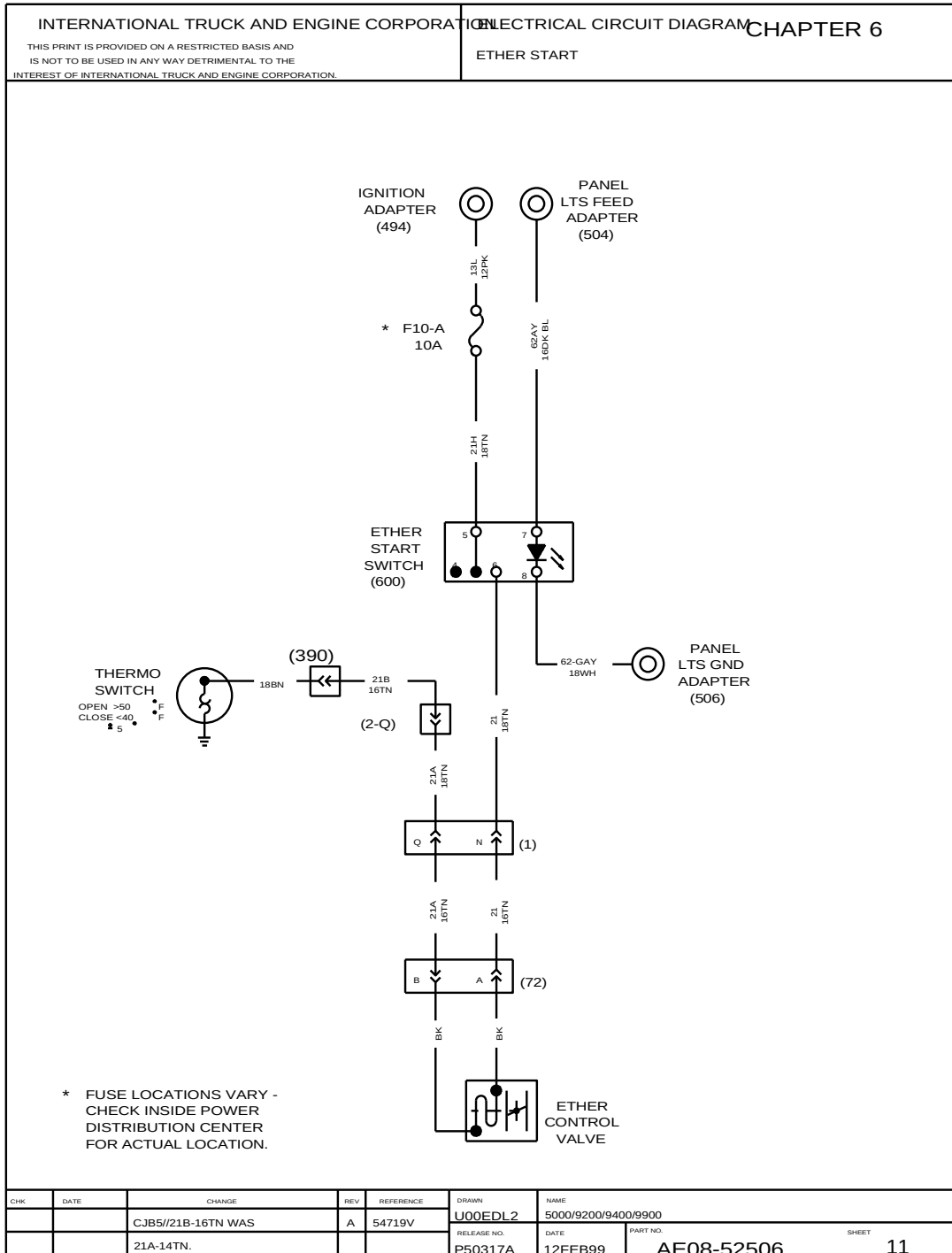


Figure 50 Ether Start

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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6.12. MANIFOLD PRESSURE GAUGE, P. 12

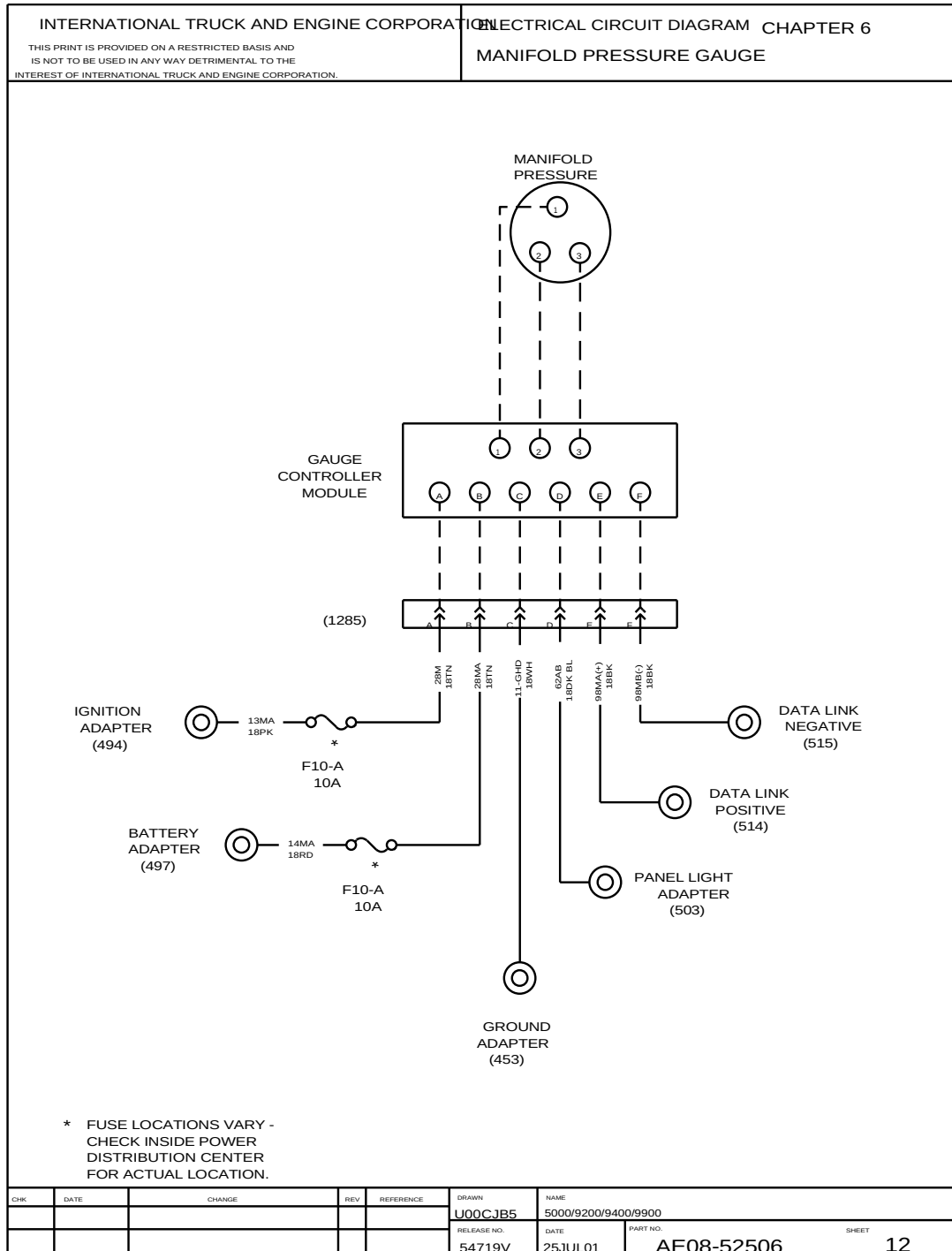


Figure 51 Manifold Pressure Gauge

7. WARNING LIGHTS (CHAPTER 7)

7.1. AIR SUSPENSION RELEASE WARNING LIGHT, P. 1

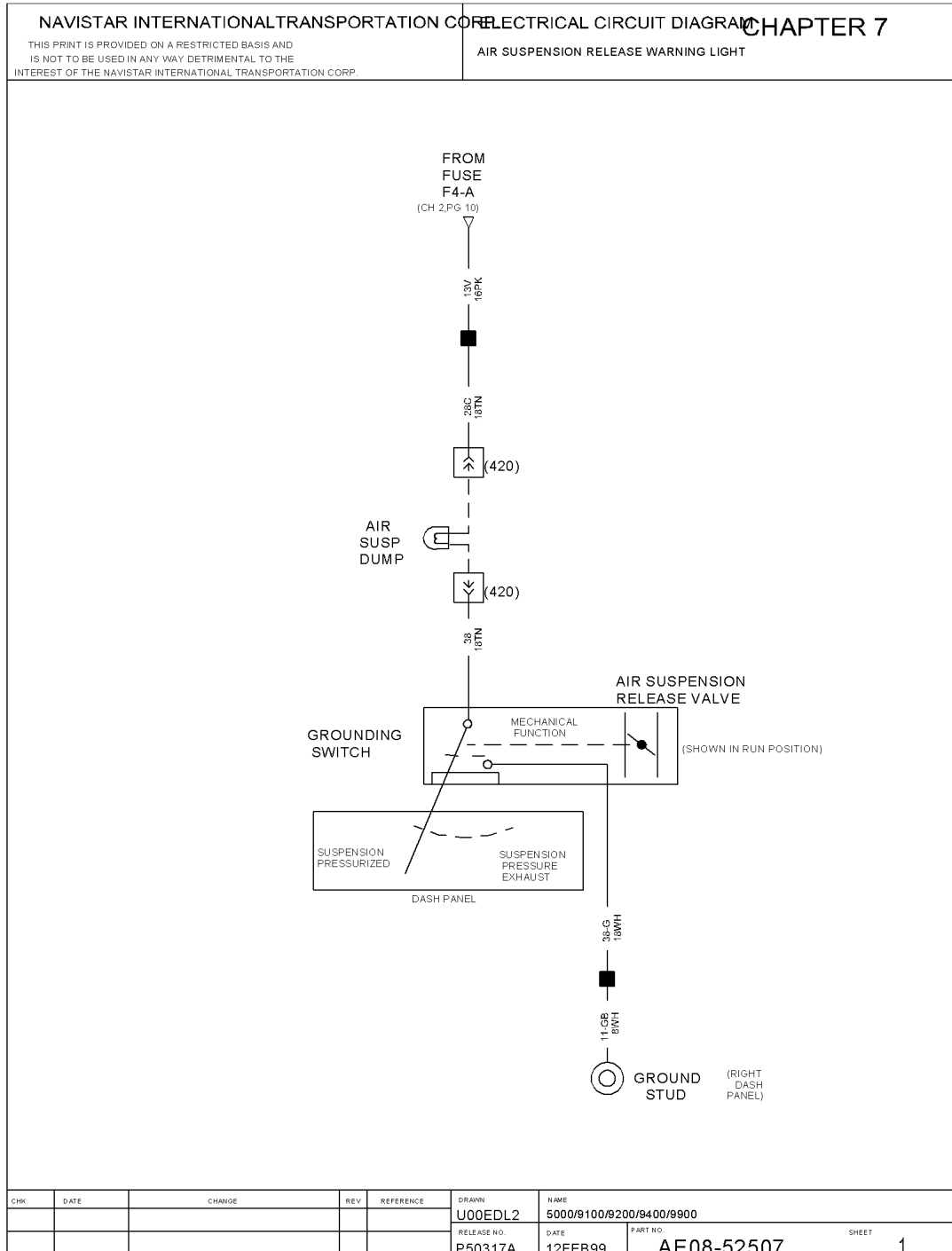


Figure 52 Air Suspension Release Warning Light

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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7.2. ENGINE OIL PRESSURE WARNING LIGHT, P. 2

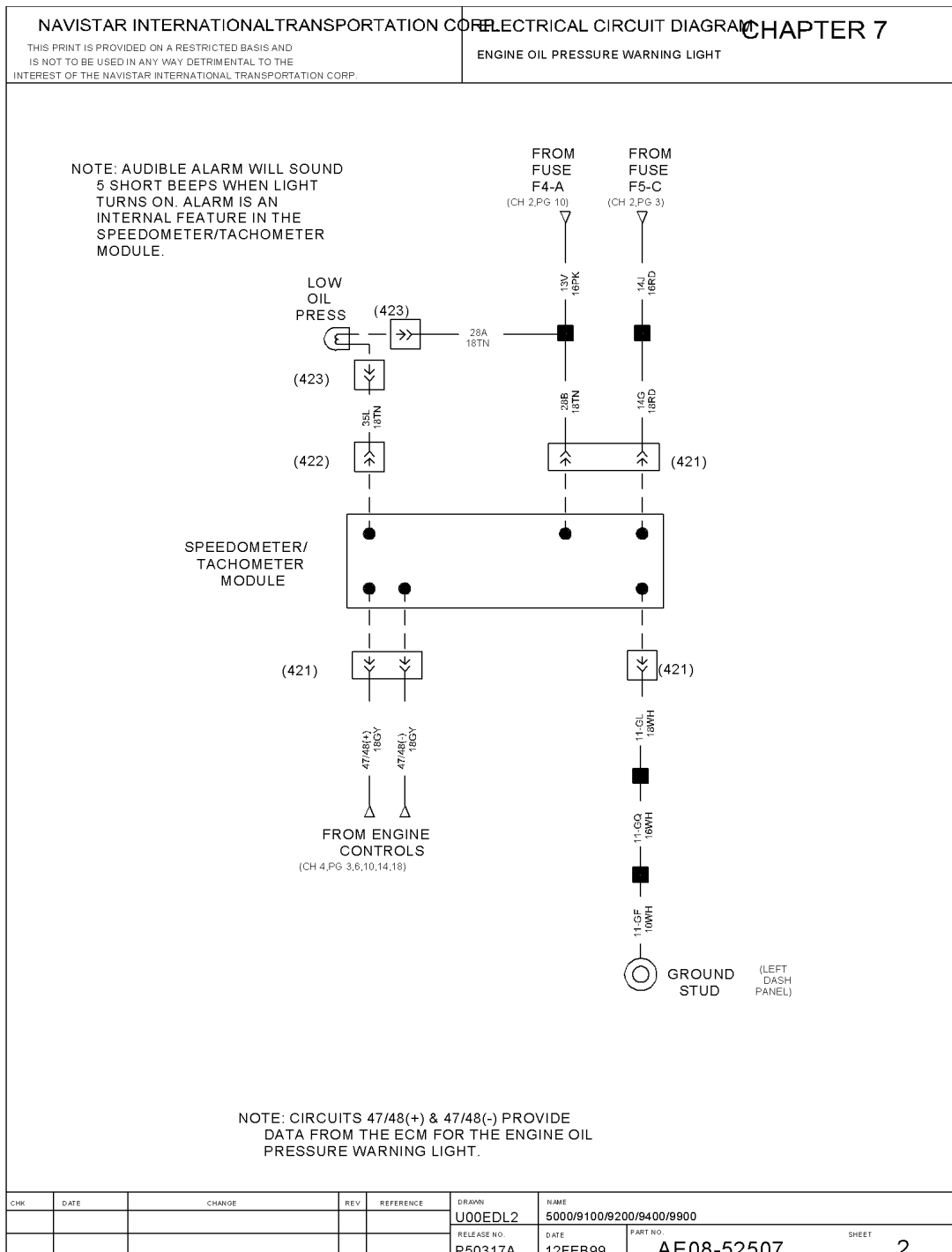


Figure 53 Engine Oil Pressure Warning Light

7.3. ENGINE WATER TEMPERATURE WARNING LIGHT, P. 3

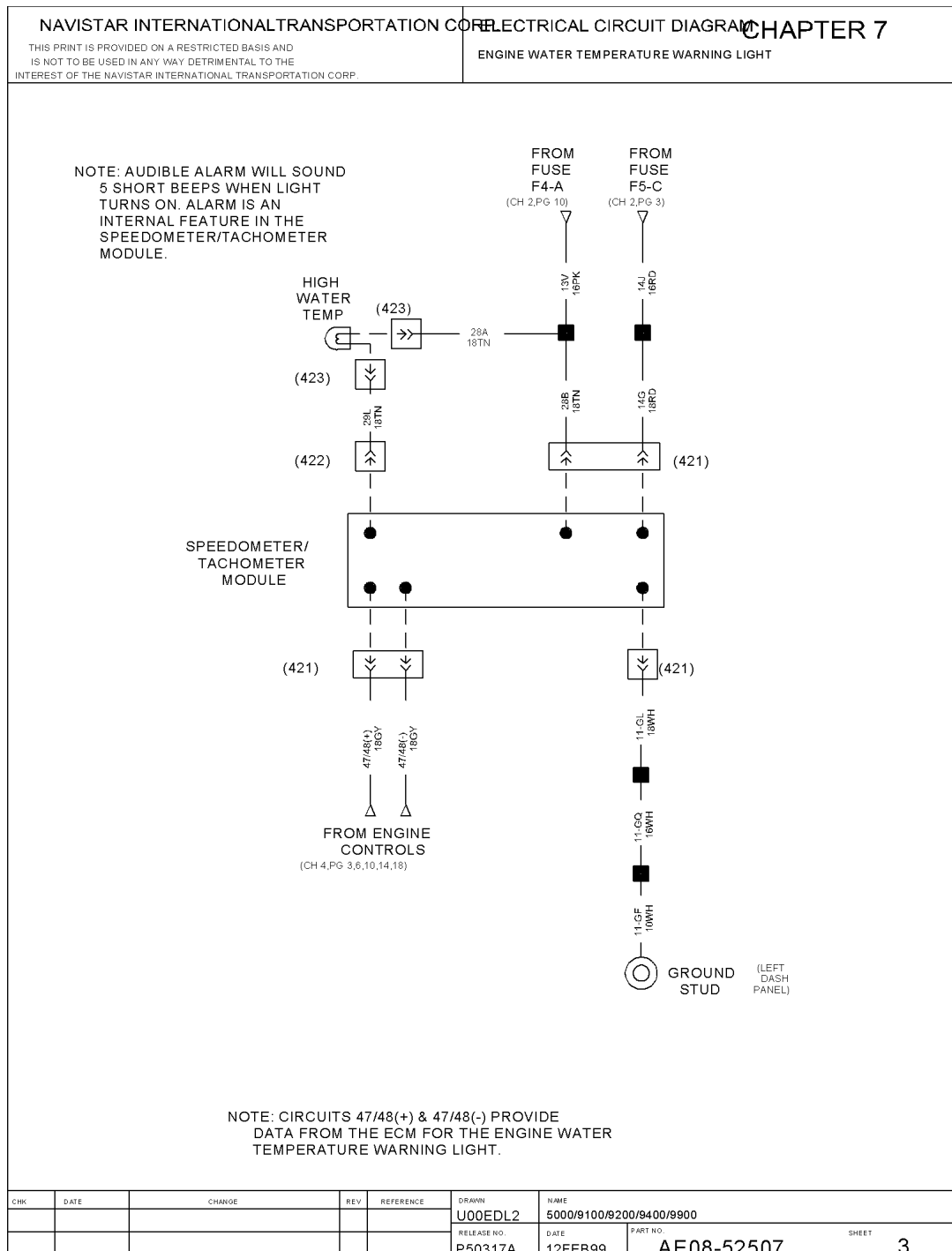


Figure 54 Engine Water Temperature Warning Light

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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7.4. LOW AIR PRESSURE WARNING LIGHT, P. 4

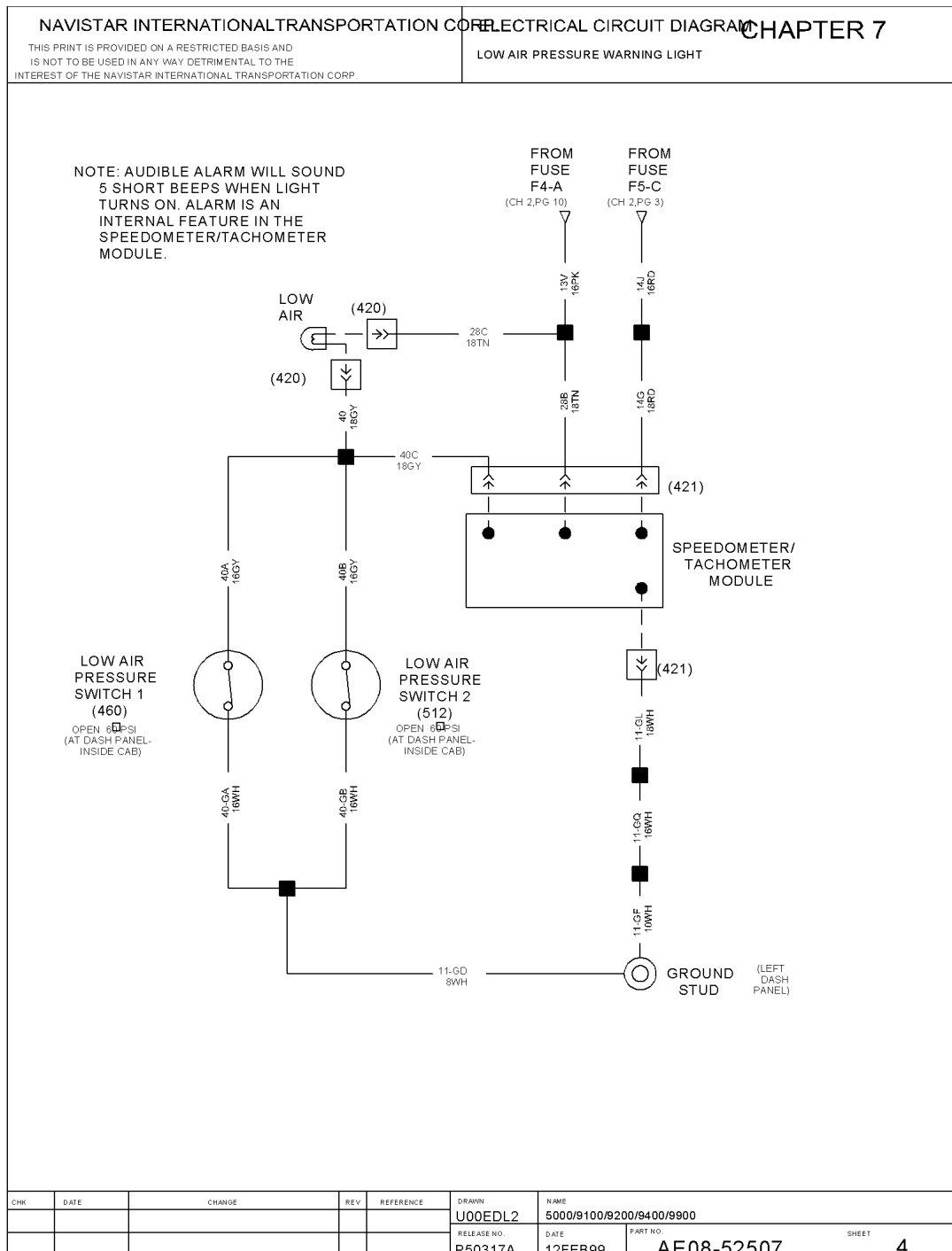


Figure 55 Low Air Pressure Warning Light

7.5. LOW FUEL LEVEL WARNING LIGHT, P. 5

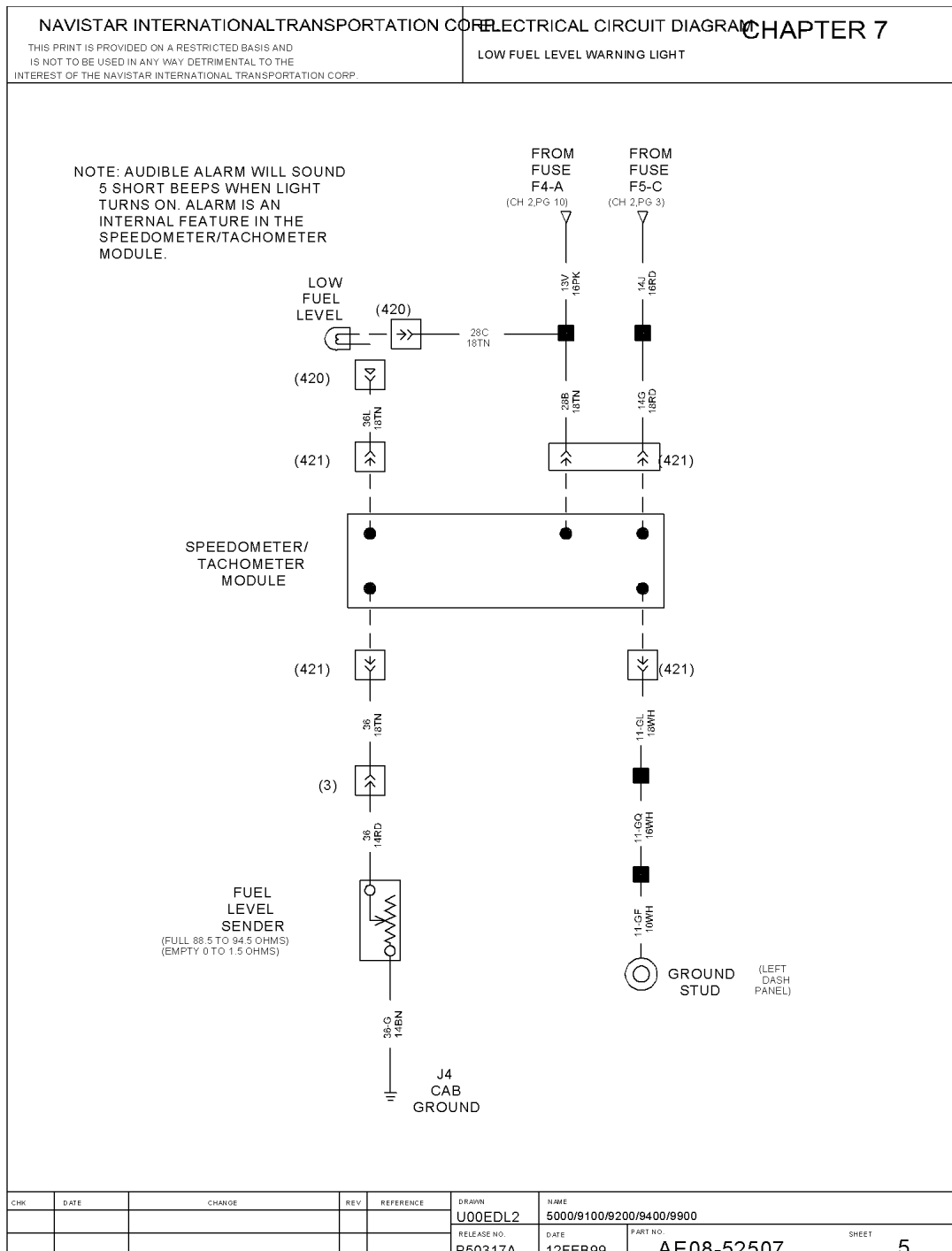


Figure 56 Low Fuel Level Warning Light

7.6. POWER DIVIDER LOCK (PDL) WARNING LIGHT AND BUZZER, P. 6

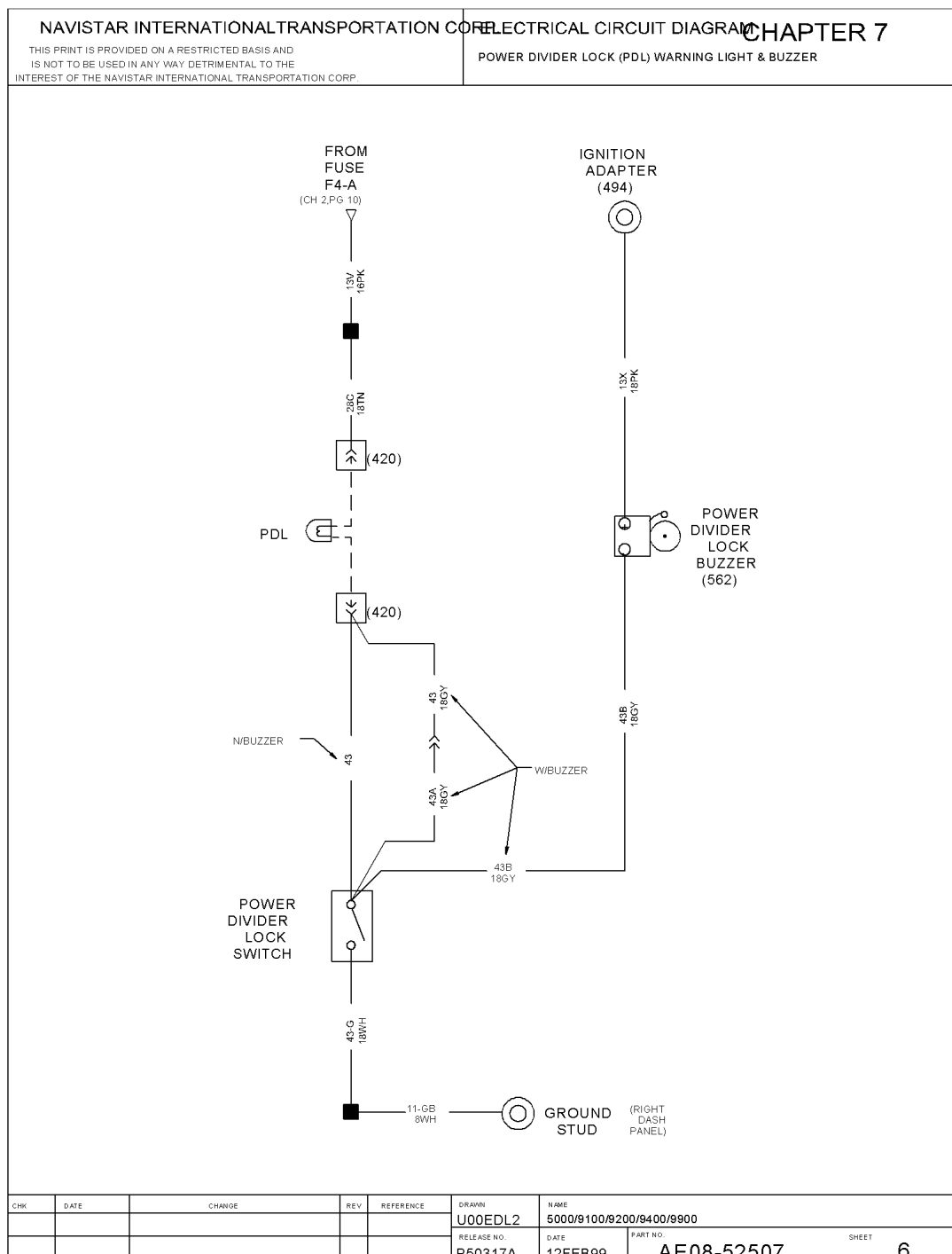


Figure 57 Power Divider Lock (PDL) Warning Light and Buzzer

7.7. DIFFERENTIAL LOCK WARN LIGHT — 4X2, P. 7

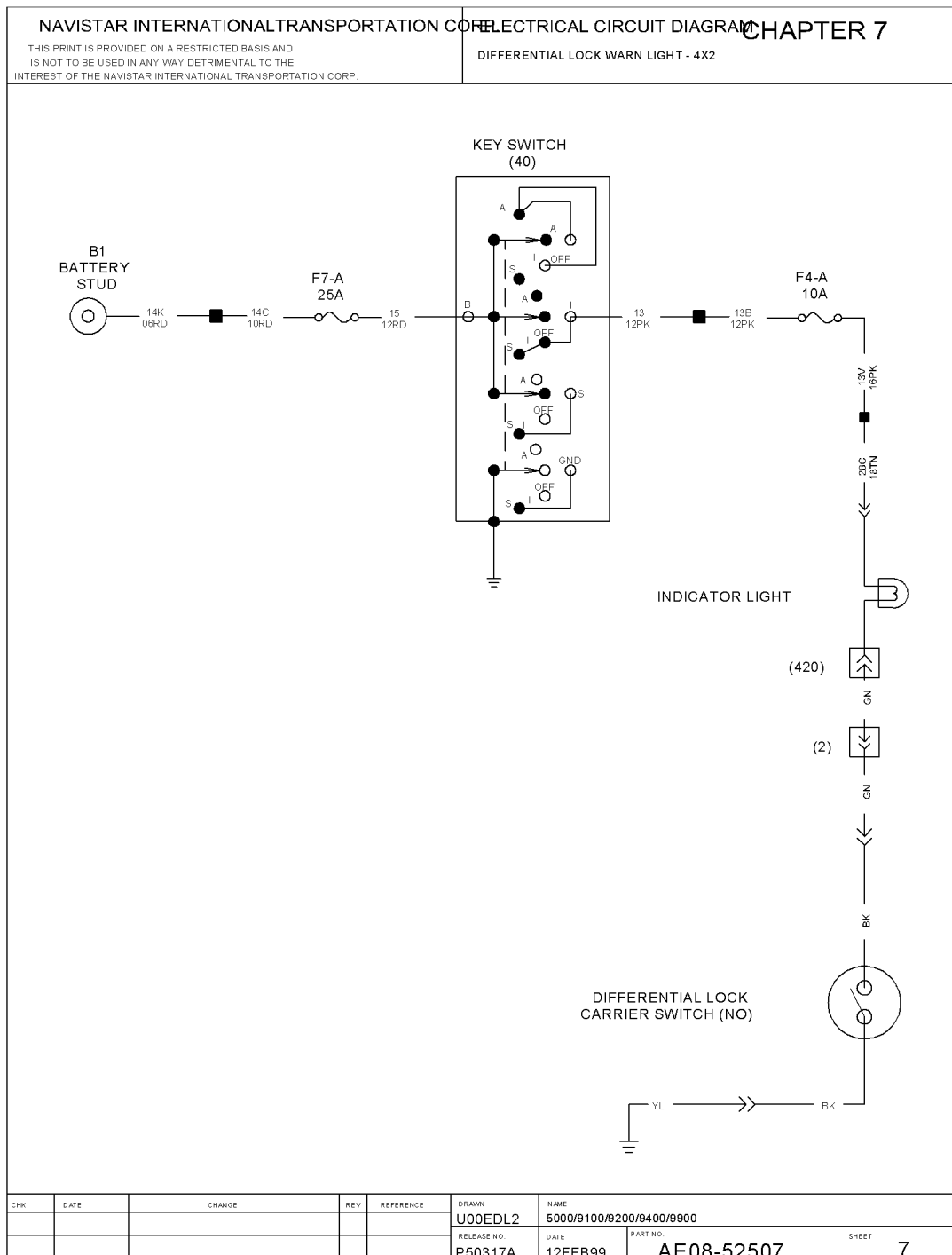


Figure 58 Differential Lock Warn Light — 4x2

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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7.8. DIFFERENTIAL LOCK WARN LIGHT — 6X4, P. 8

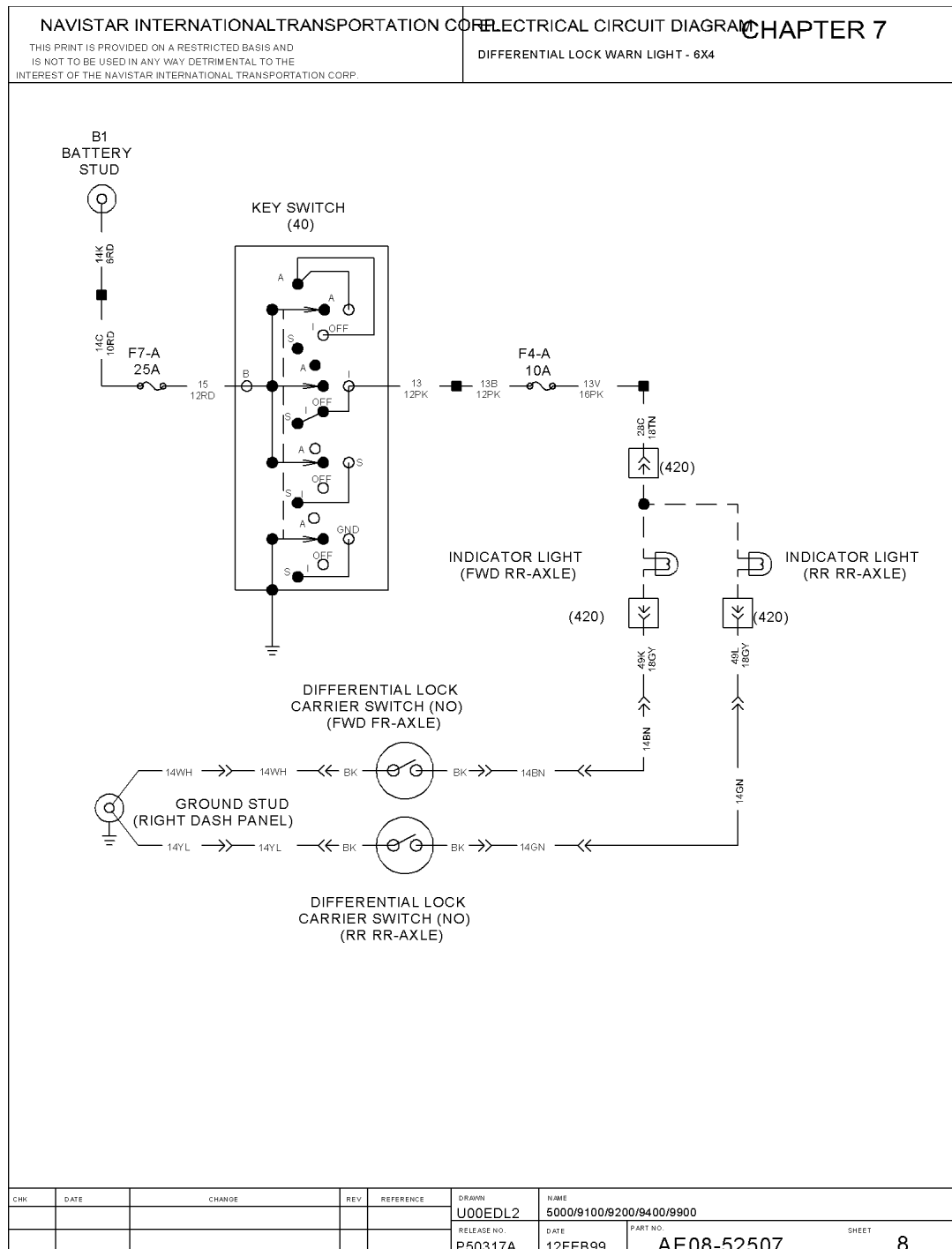


Figure 59 Differential Lock Warn Light — 6x4

8. CAB ACCESSORIES (CHAPTER 8)

8.1. CIGAR LIGHTER, P. 1

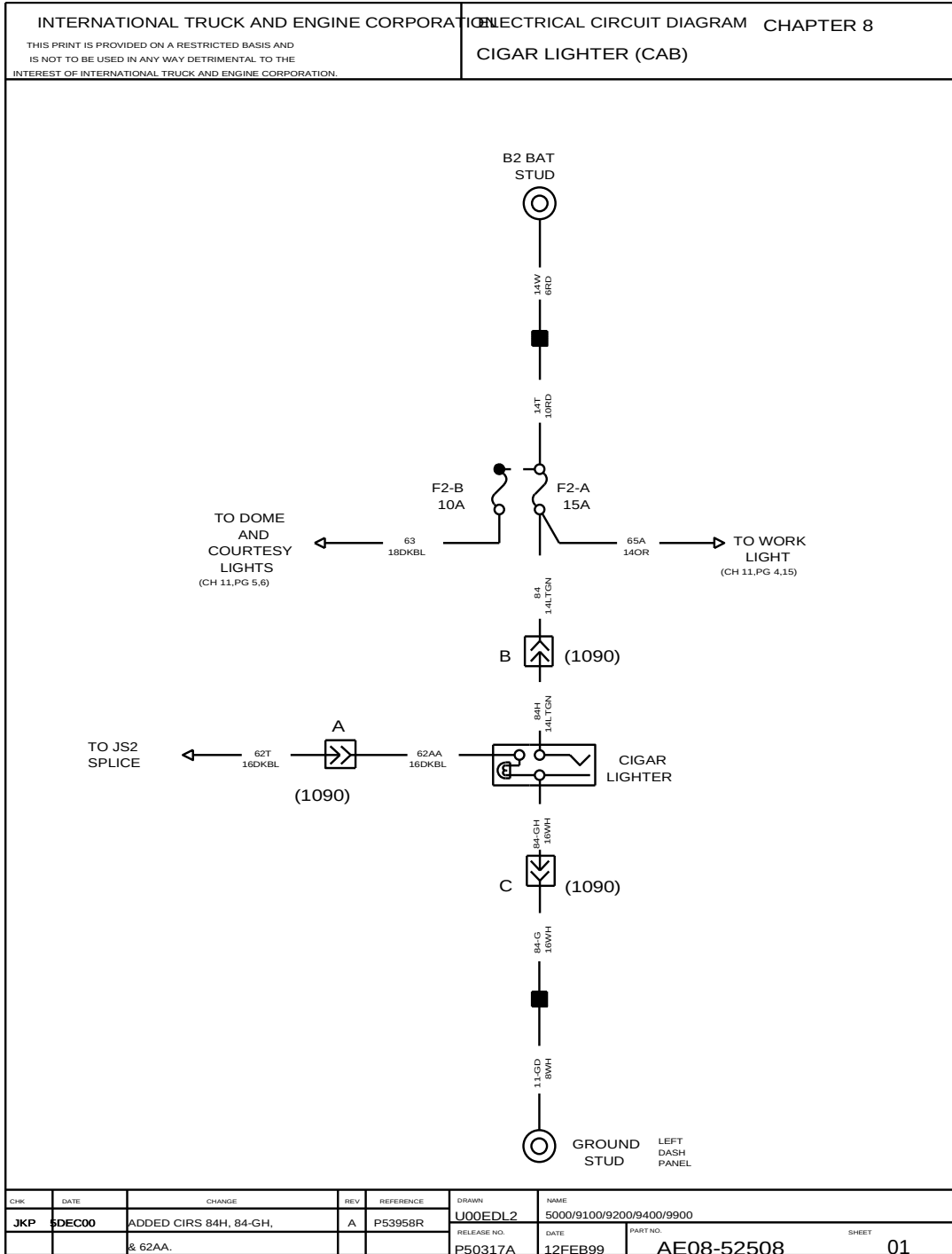


Figure 60 Cigar Lighter

**5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS**

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8.2. CLOCK, P. 2

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 8			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CLOCK (CAB)			
LEFT BLANK INTENTIONALLY							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
JKP	MAR02	REMOVED GEOMETRY	A	55093F	U00EDL2	5000/9100/9200/9400/9900	
					RELEASE NO.	DATE	PART NO.
					P50317A	12FEB99	AF08-52508
							SHEET 02

Figure 61 Clock

8.3. ELECTRIC WINDOW — RIGHT, P. 3

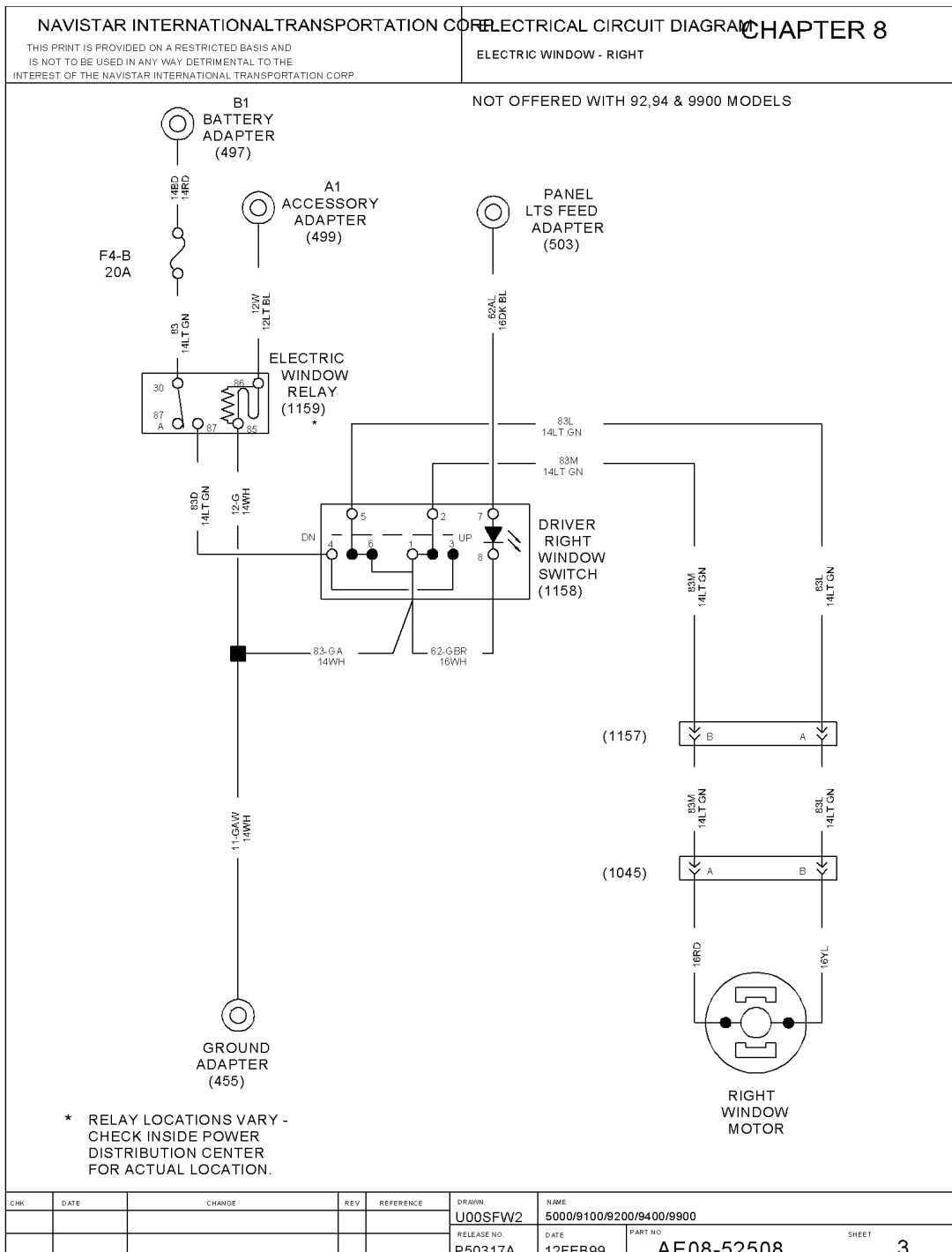


Figure 62 Electric Window — Right

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS

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8.4. ELECTRIC WINDOW — RIGHT AND LEFT, P. 4

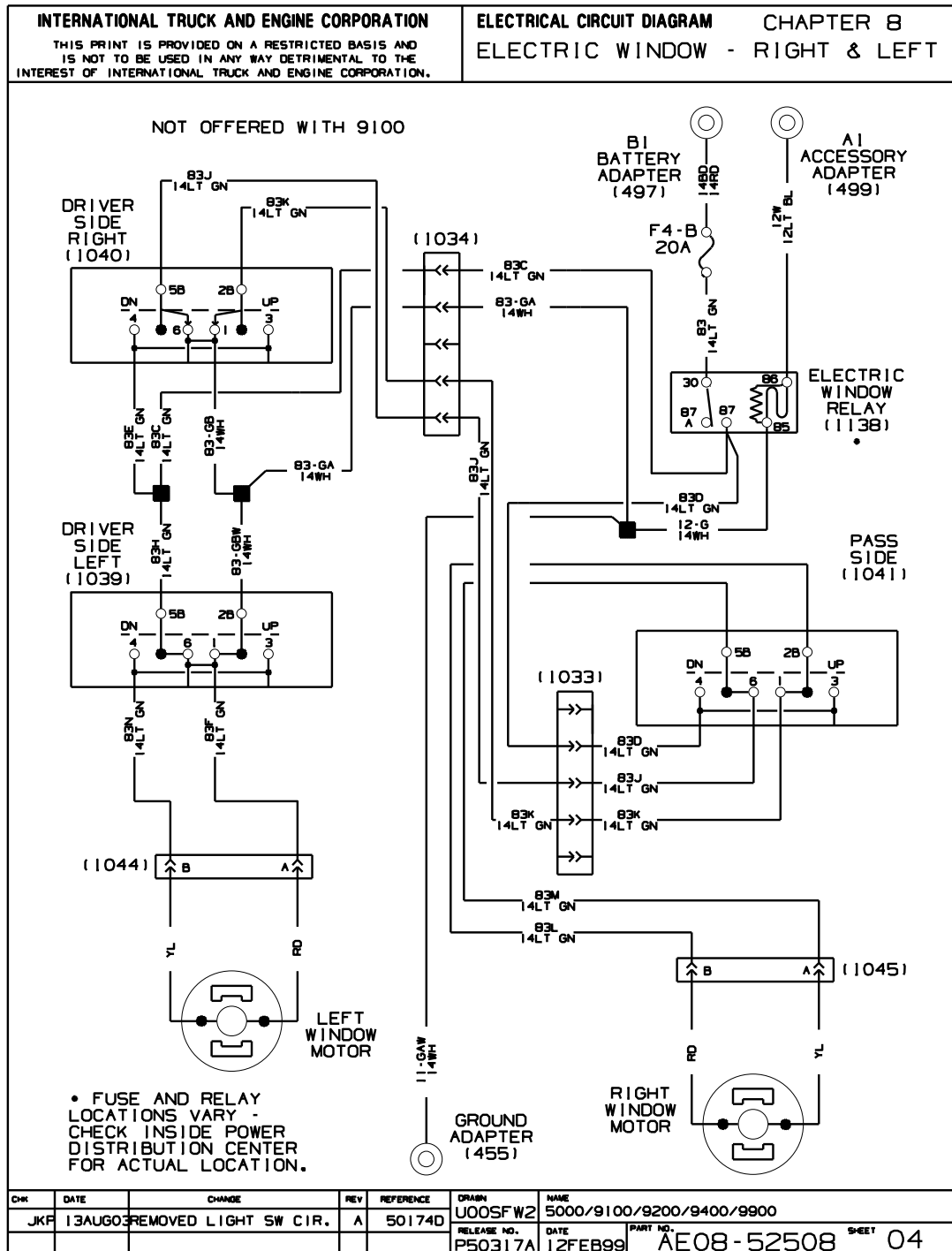


Figure 63 Electric Window — Right and Left

8.5. DEFROSTER FAN(S), P. 5

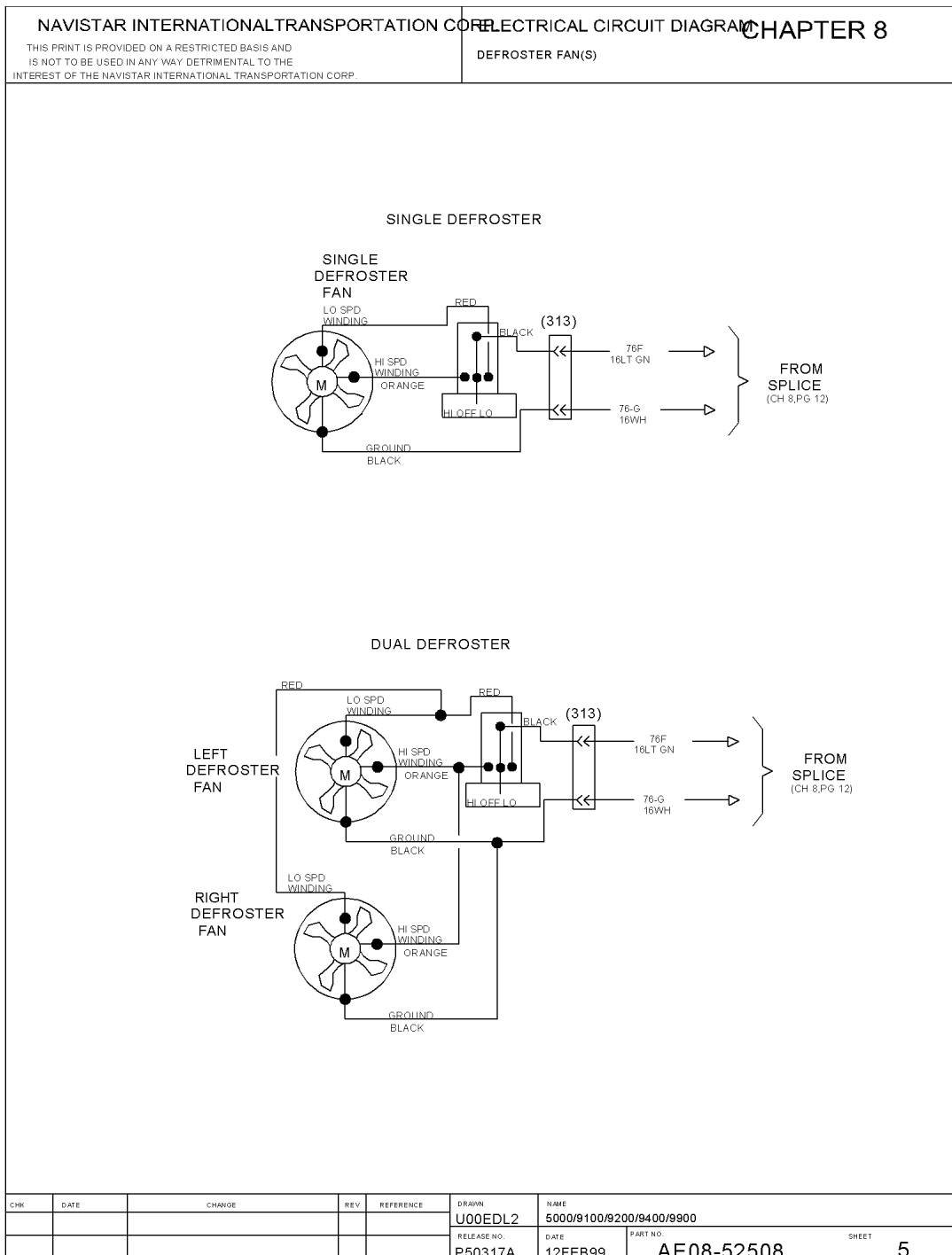


Figure 64 Defroster Fan(s)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS

65

8.6. ELECTRIC WINDSHIELD WIPERS WITH INTERMITTENT WIPE AND WASH, P. 6

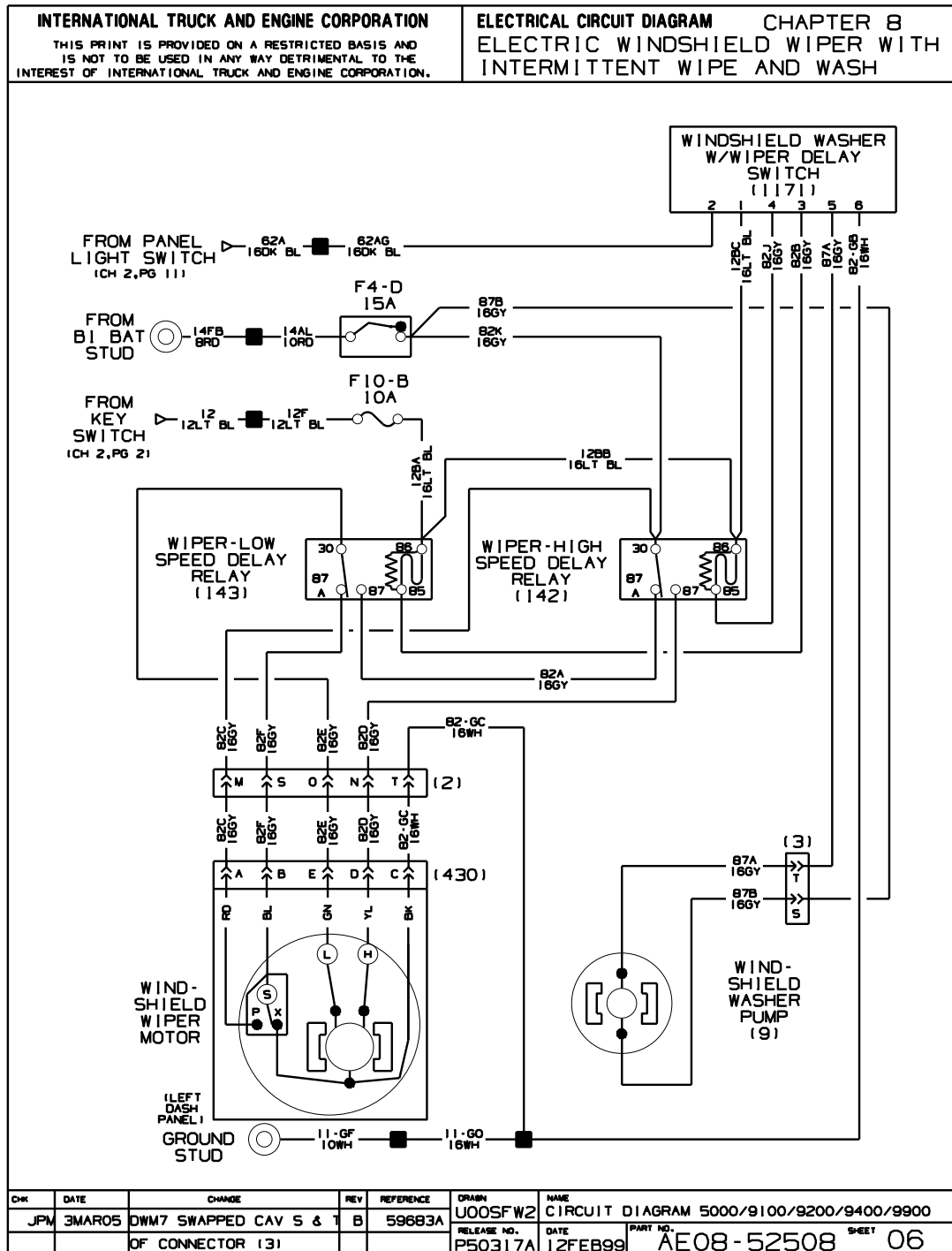


Figure 65 Electric Windshield Wipers with Intermittent Wipe and Wash

8.7. HORN, P. 7

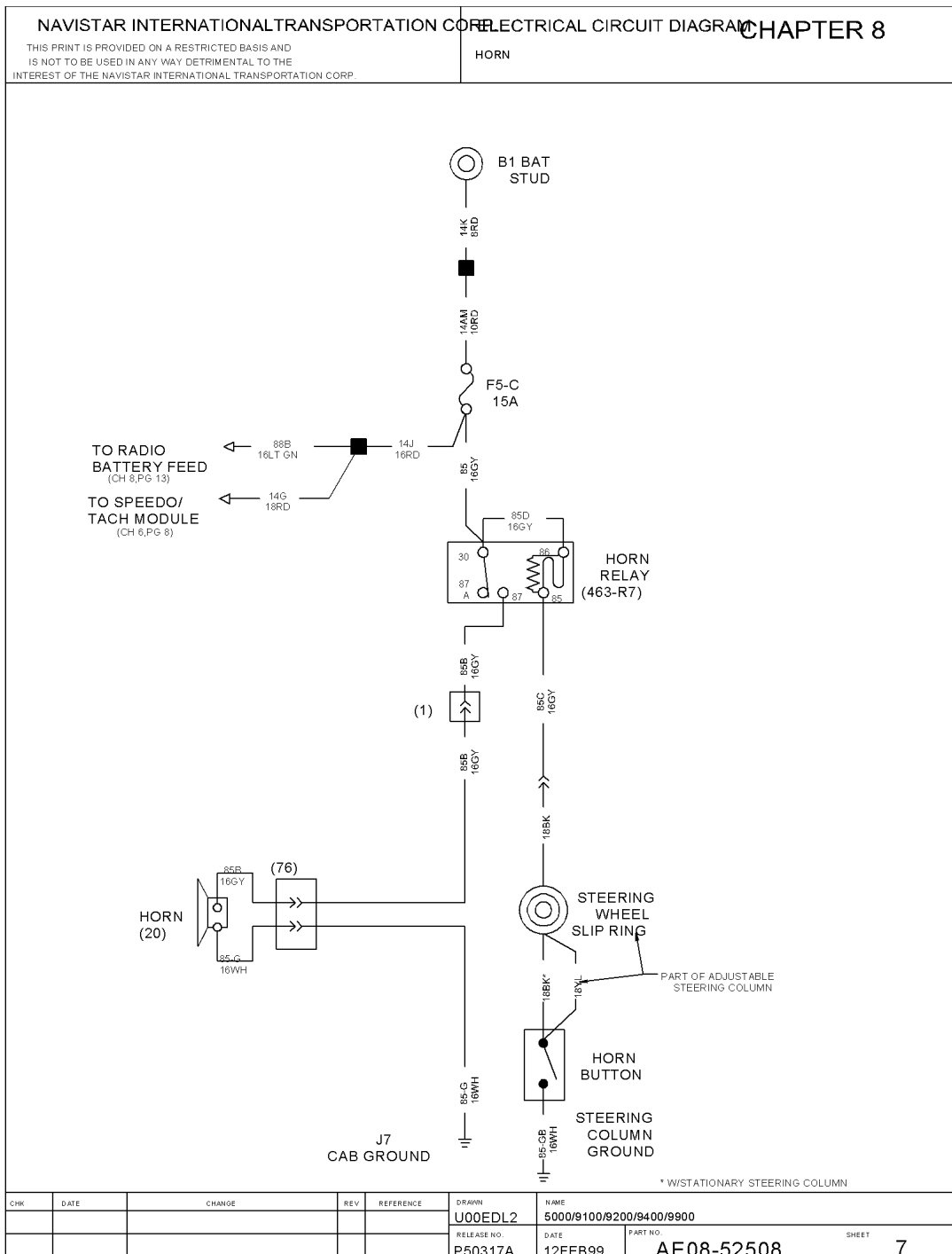


Figure 66 Horn

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

67

8.8. MIRROR LIGHTS AND HEATED MIRRORS, P. 8

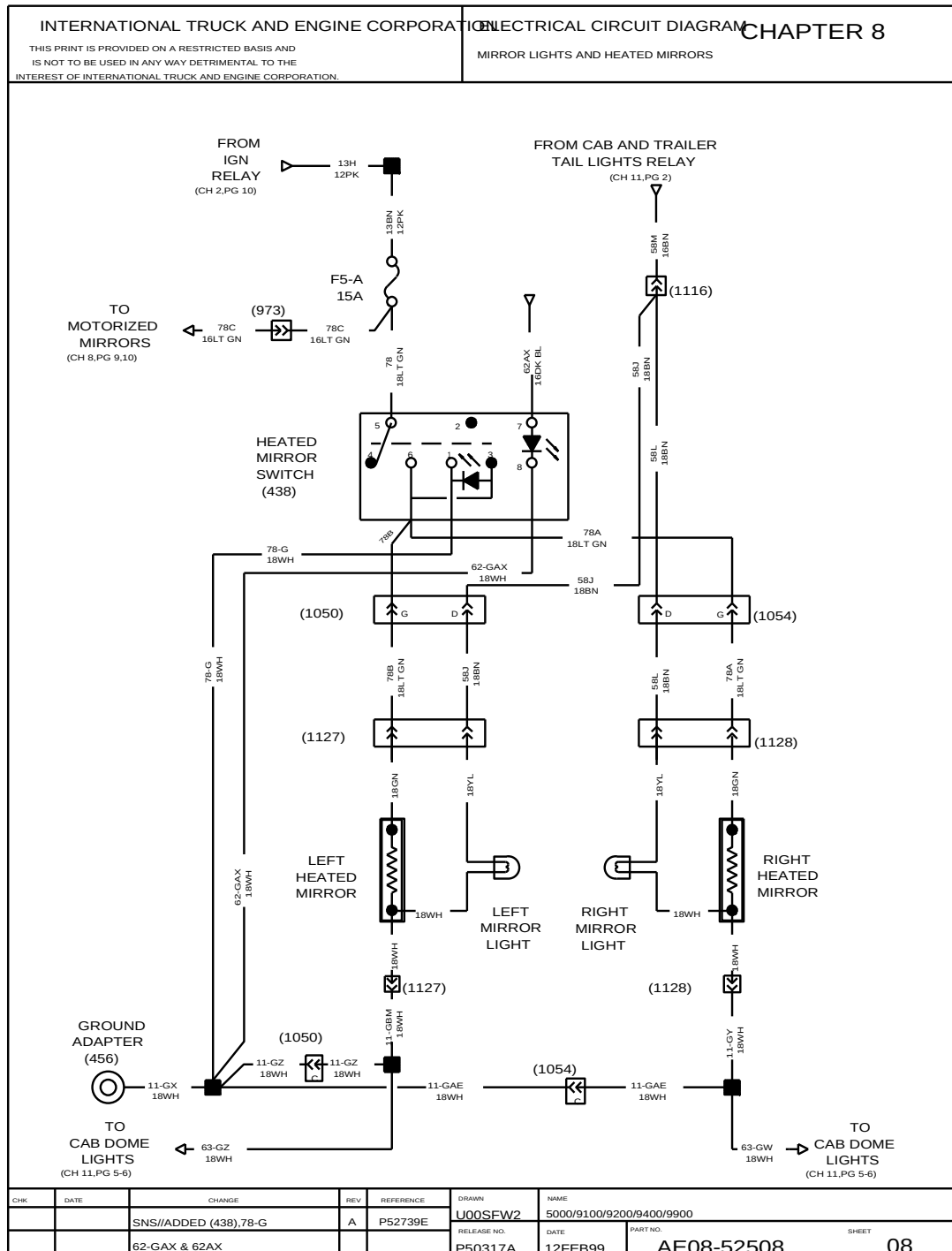


Figure 67 Mirror Lights and Heated Mirrors

8.9. RIGHT MOTORIZED MIRROR, P. 9

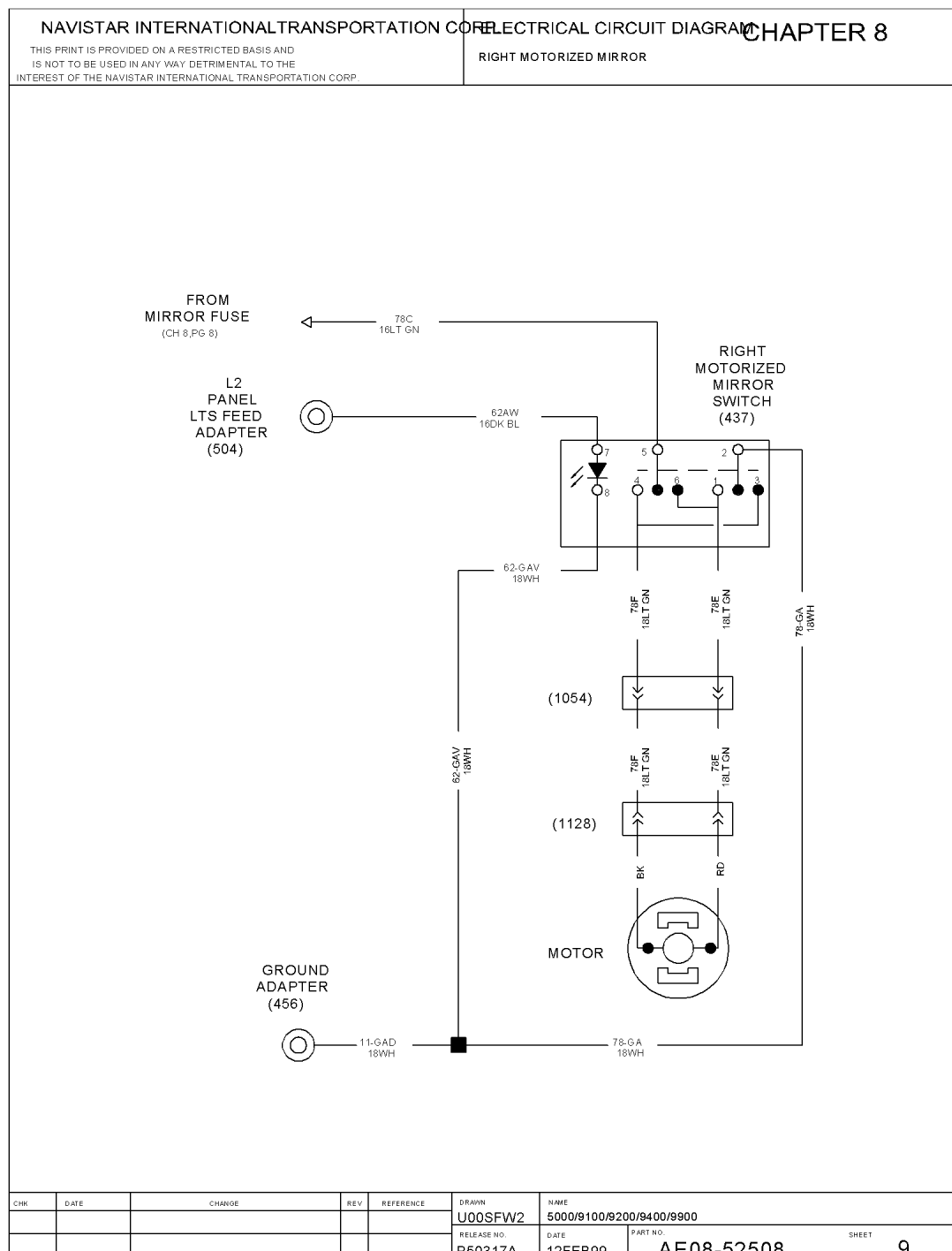


Figure 68 Right Motorized Mirror

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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8.10. DUAL AXIS MOTORIZED MIRRORS, P. 10

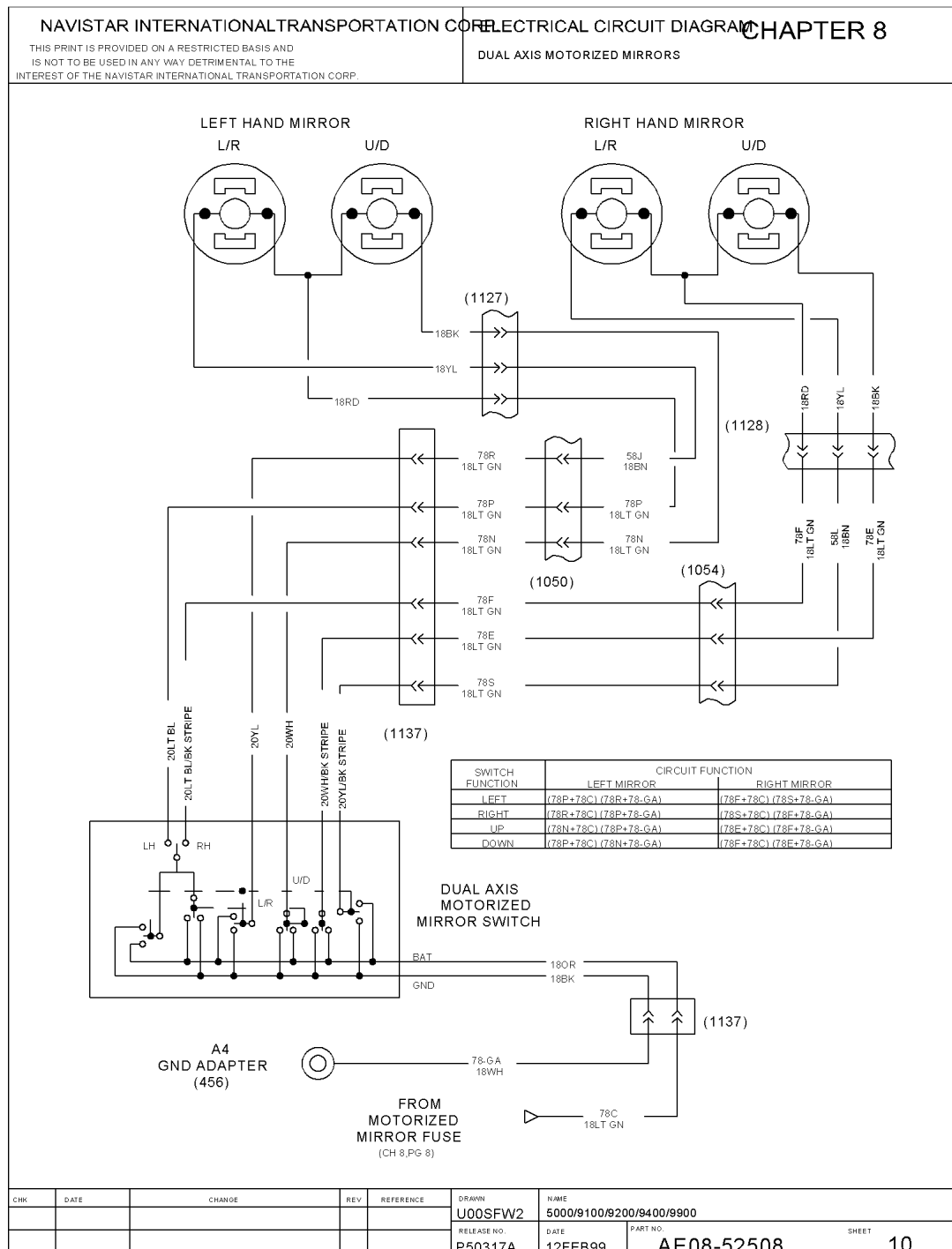
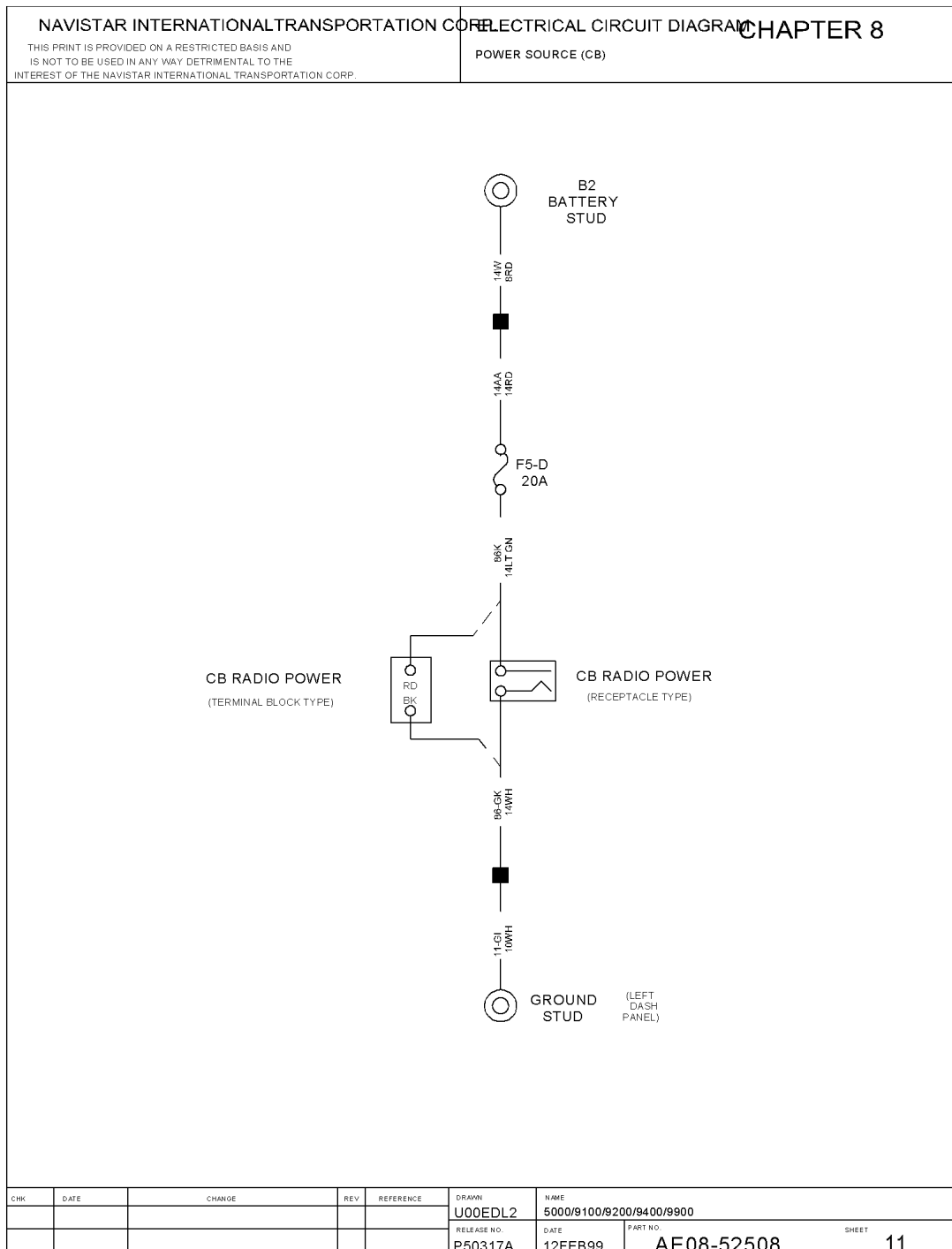


Figure 69 Dual Axis Motorized Mirrors

8.11. POWER SOURCE (CB), P. 11**Figure 70 Power Source (CB)**

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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8.12. RADIO-CB ACCOMMODATION PACKAGE, P. 12

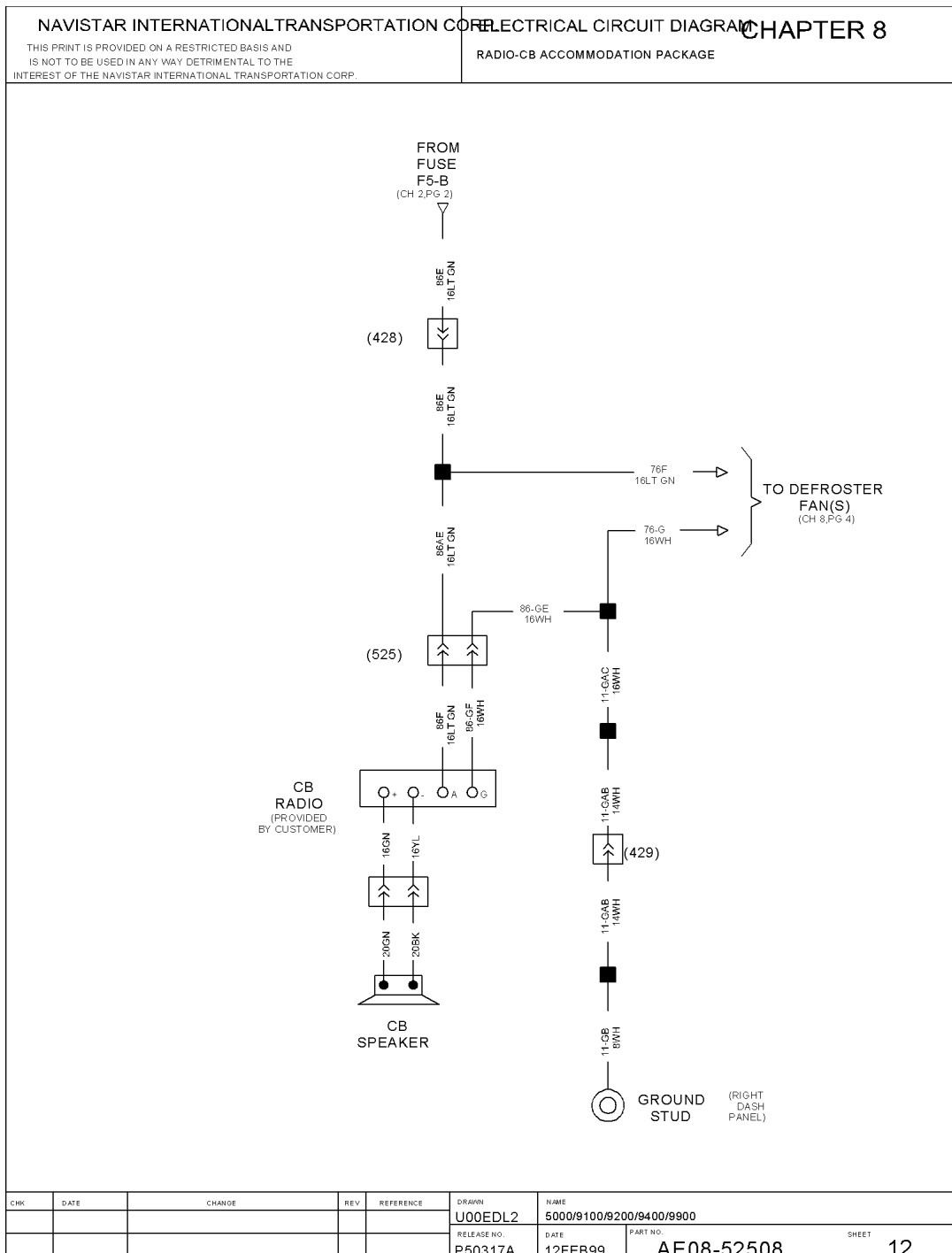


Figure 71 Radio-CB Accommodation Package

8.13. RADIO-CAB, SPEAKERS, P. 13

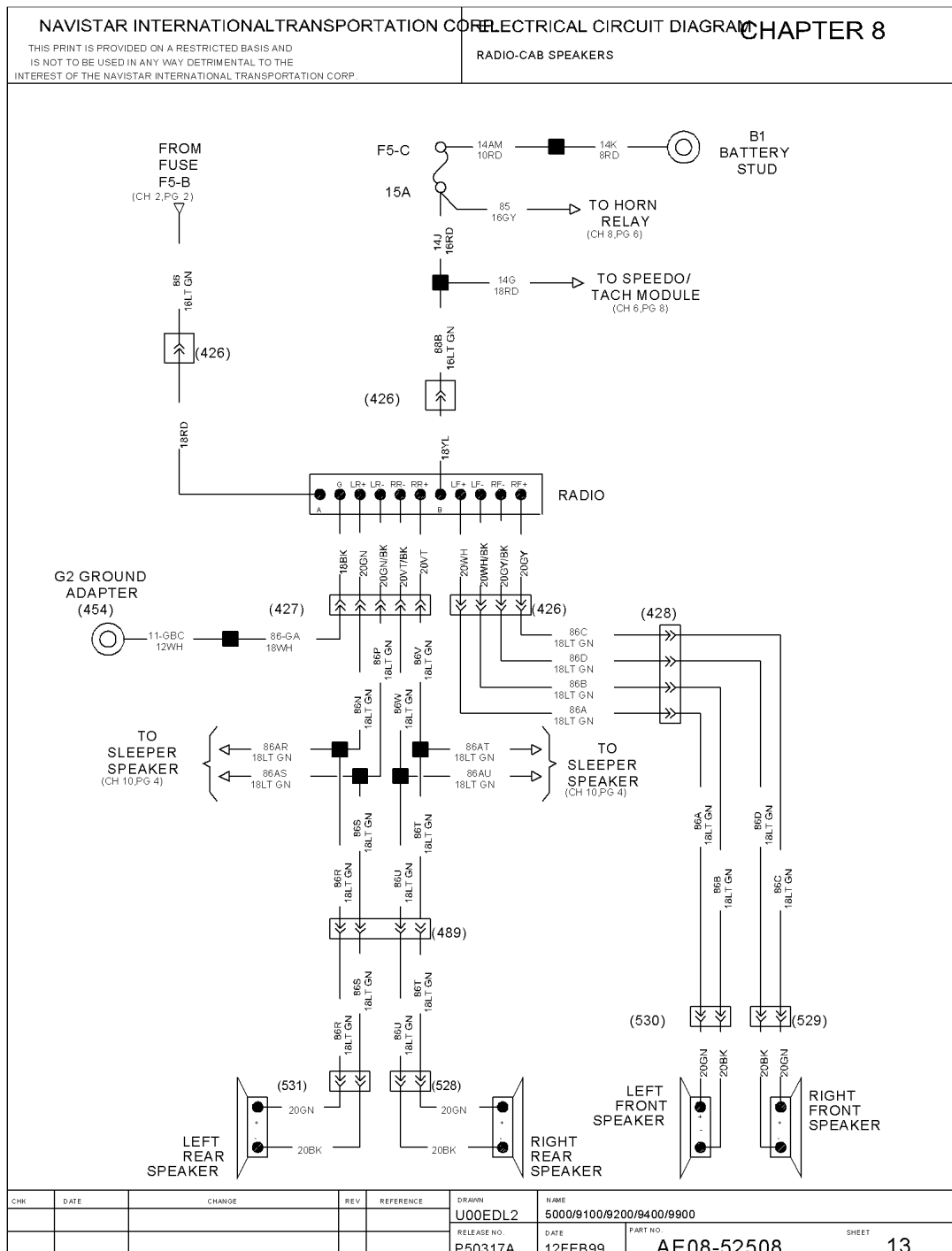


Figure 72 Radio-Cab Speakers

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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8.14. OWNER/OPERATOR SPARE SWITCH, P. 14

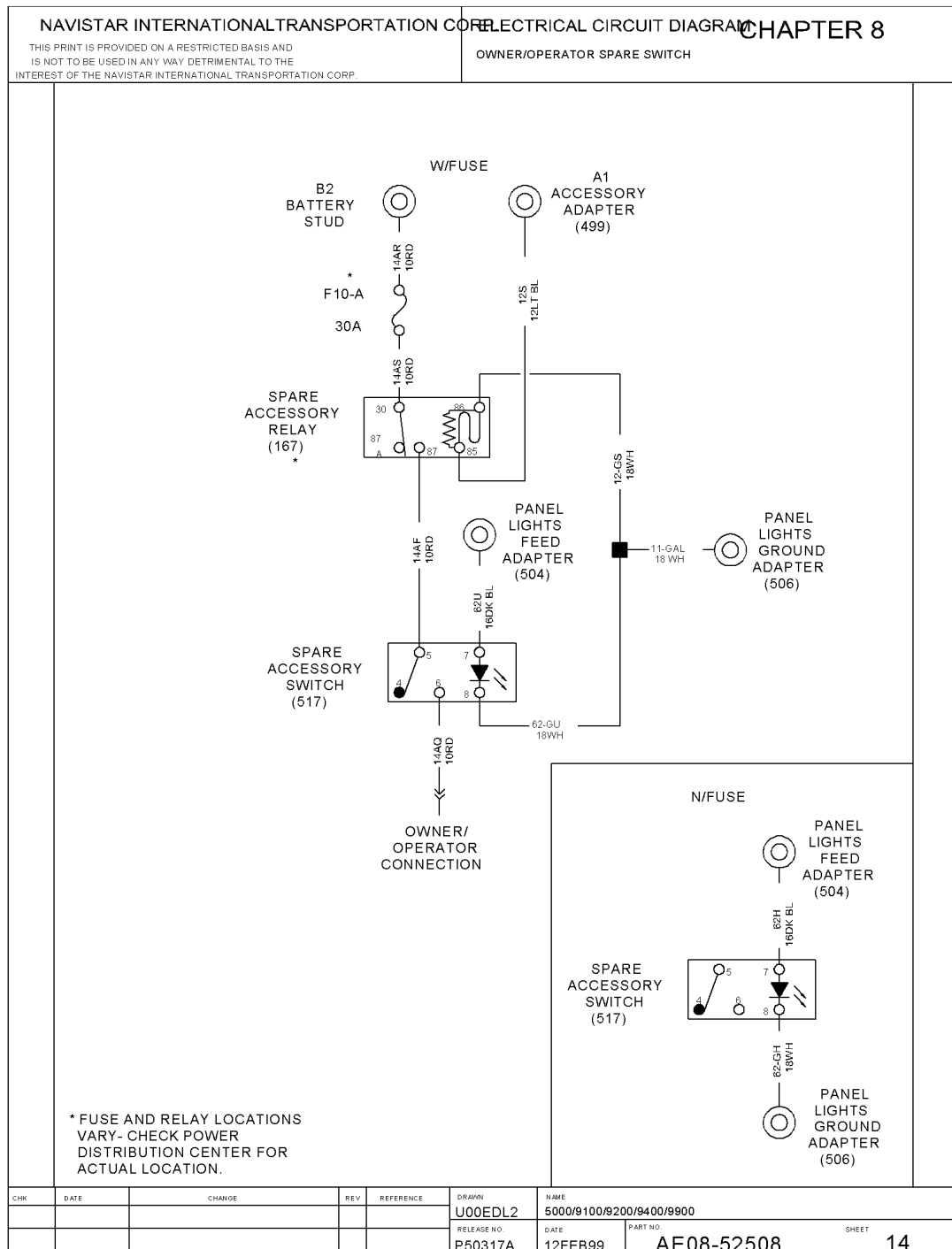


Figure 73 Owner/Operator Spare Switch

8.15. ELECTRIC LOCK — RIGHT AND LEFT, P. 15

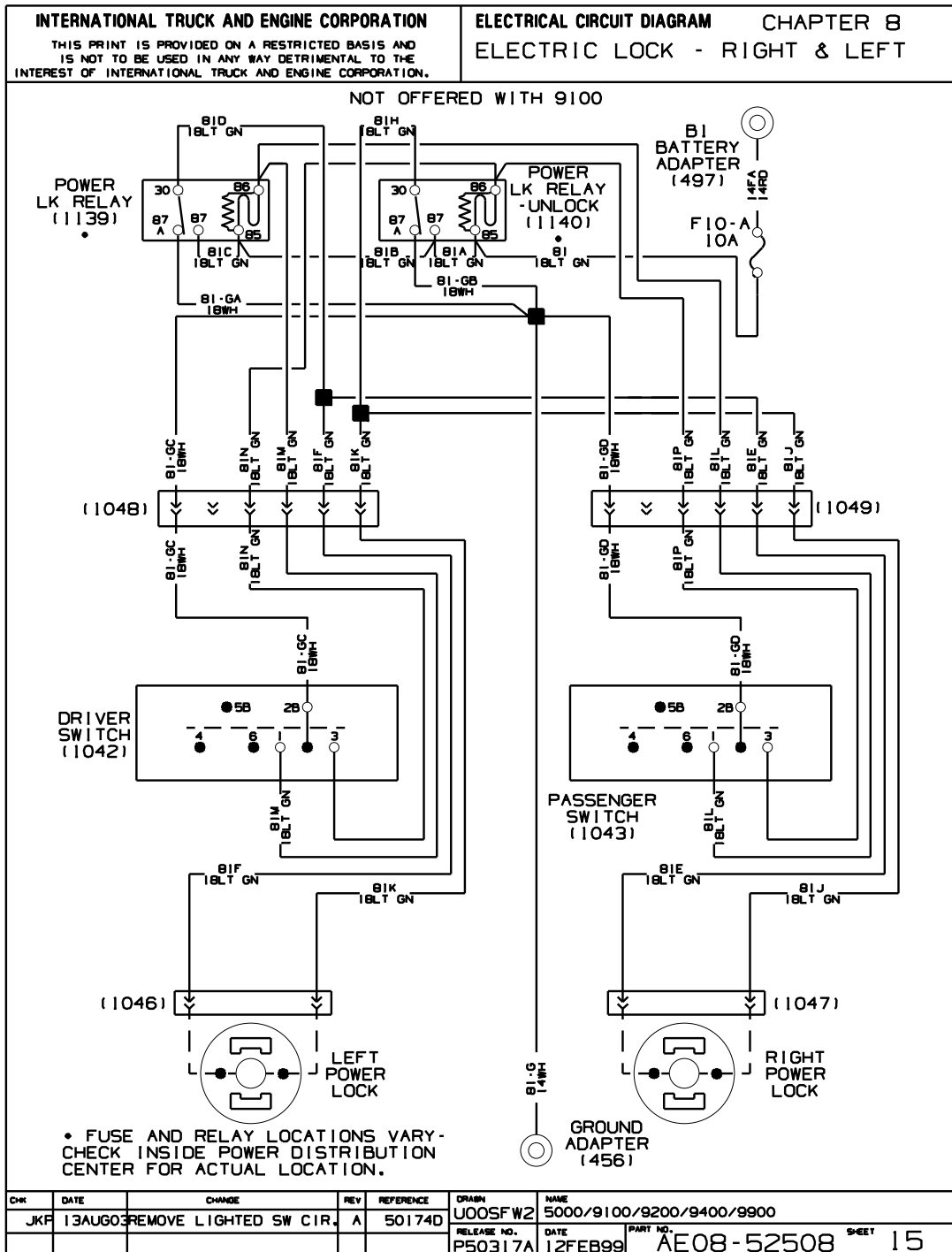


Figure 74 Electric Lock — Right and Left

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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8.16. INTERVISION DISPLAY, P. 16

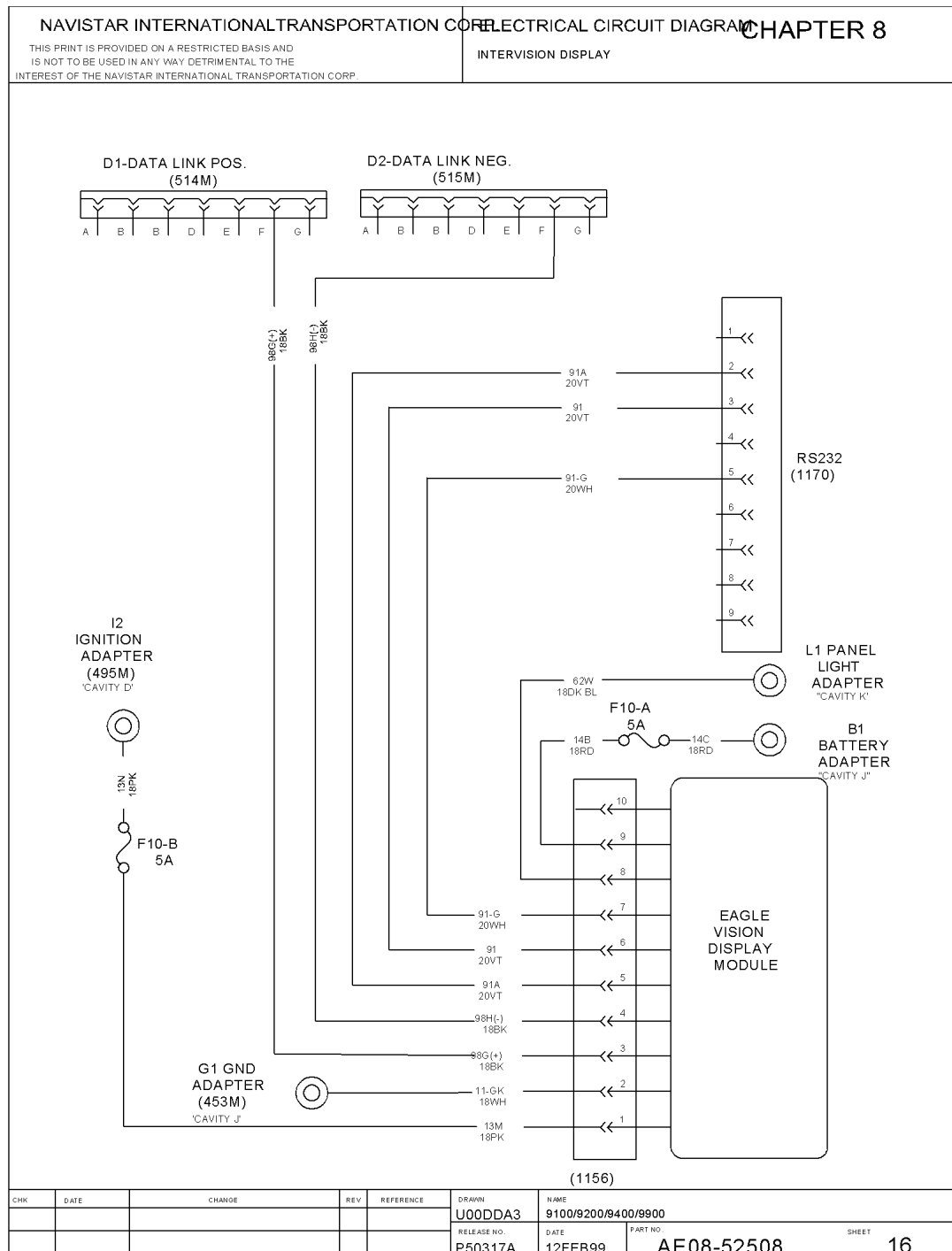


Figure 75 Intervision Display

8.18. EATON VORAD — COLLISION AVOIDANCE, P. 18

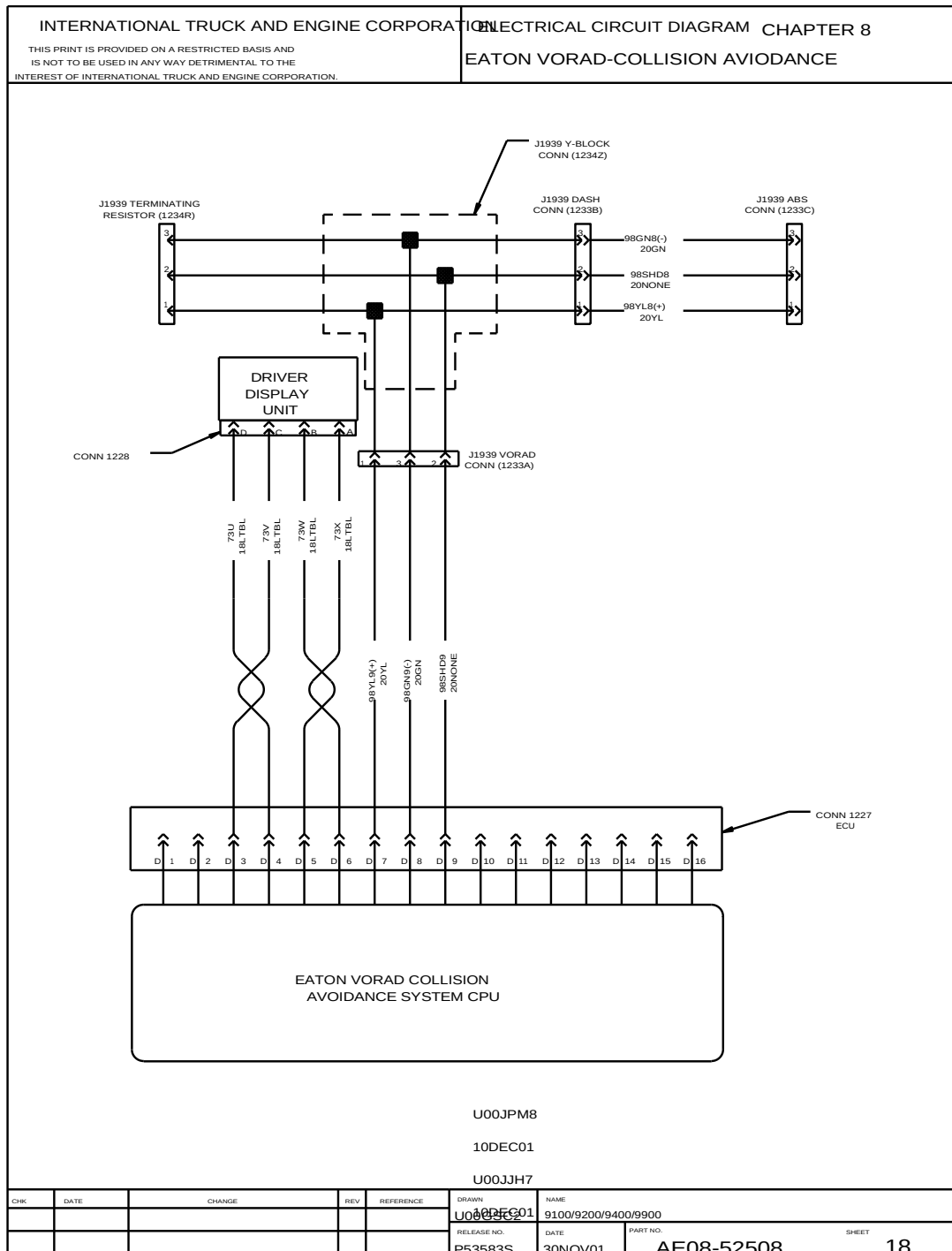


Figure 77 Eaton Vorad — Collision Avoidance

8.19. TEMPERATURE/COMPASS DISPLAY, P. 19

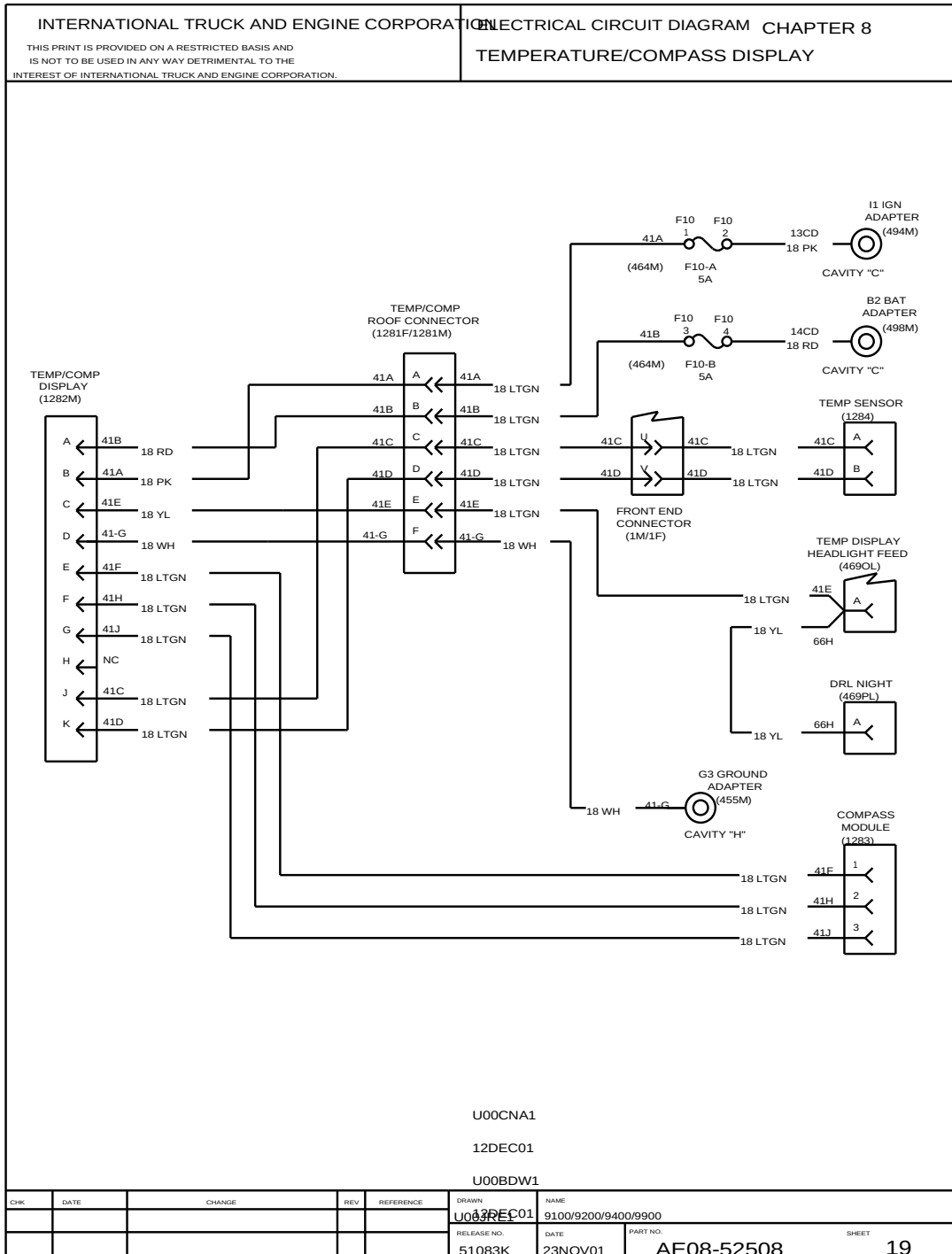


Figure 78 Temperature/Compass Display

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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8.20. ROAD RELAY IV, P. 20

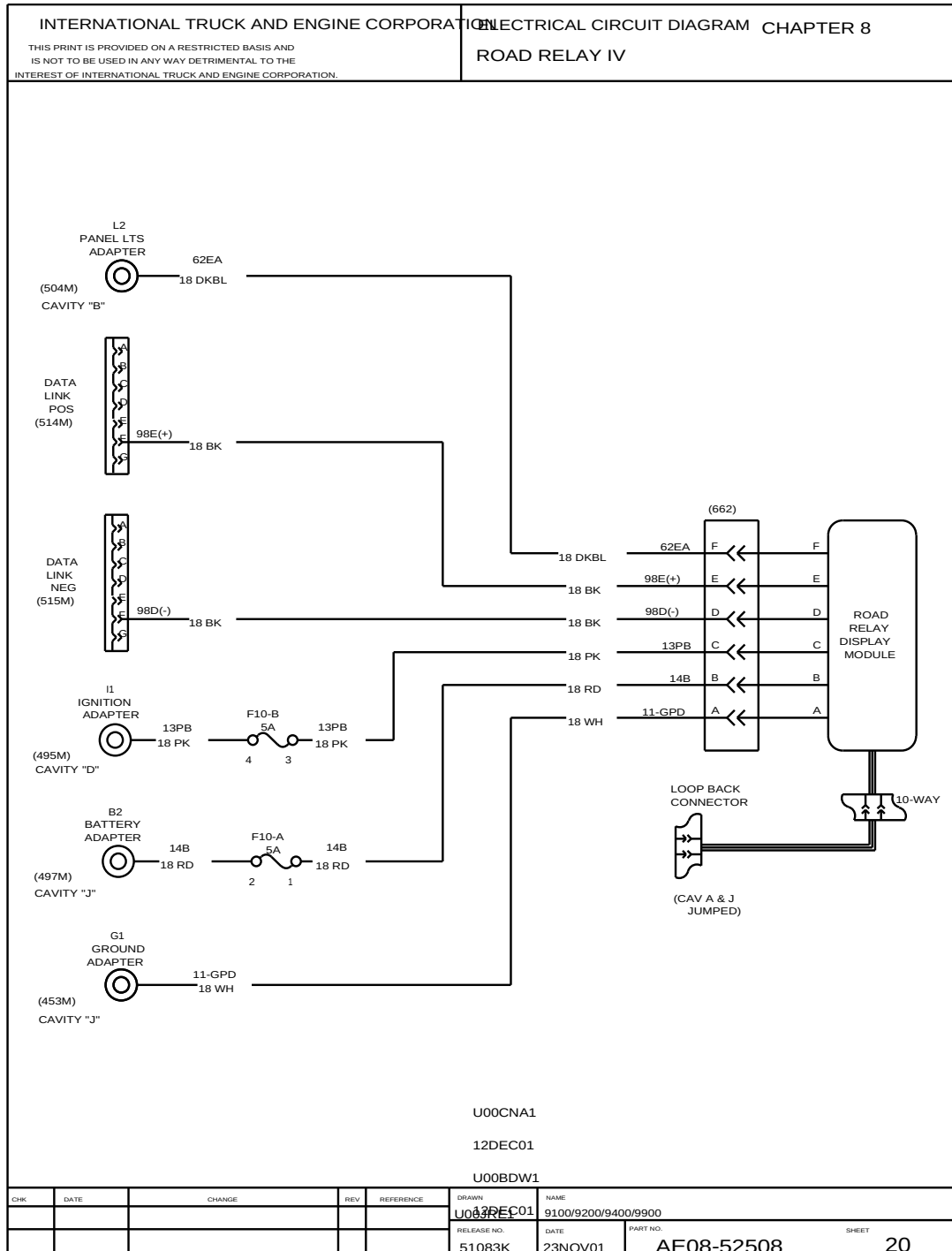


Figure 79 Road Relay IV

8.21. HEATED SEAT — DRIVER, P. 21

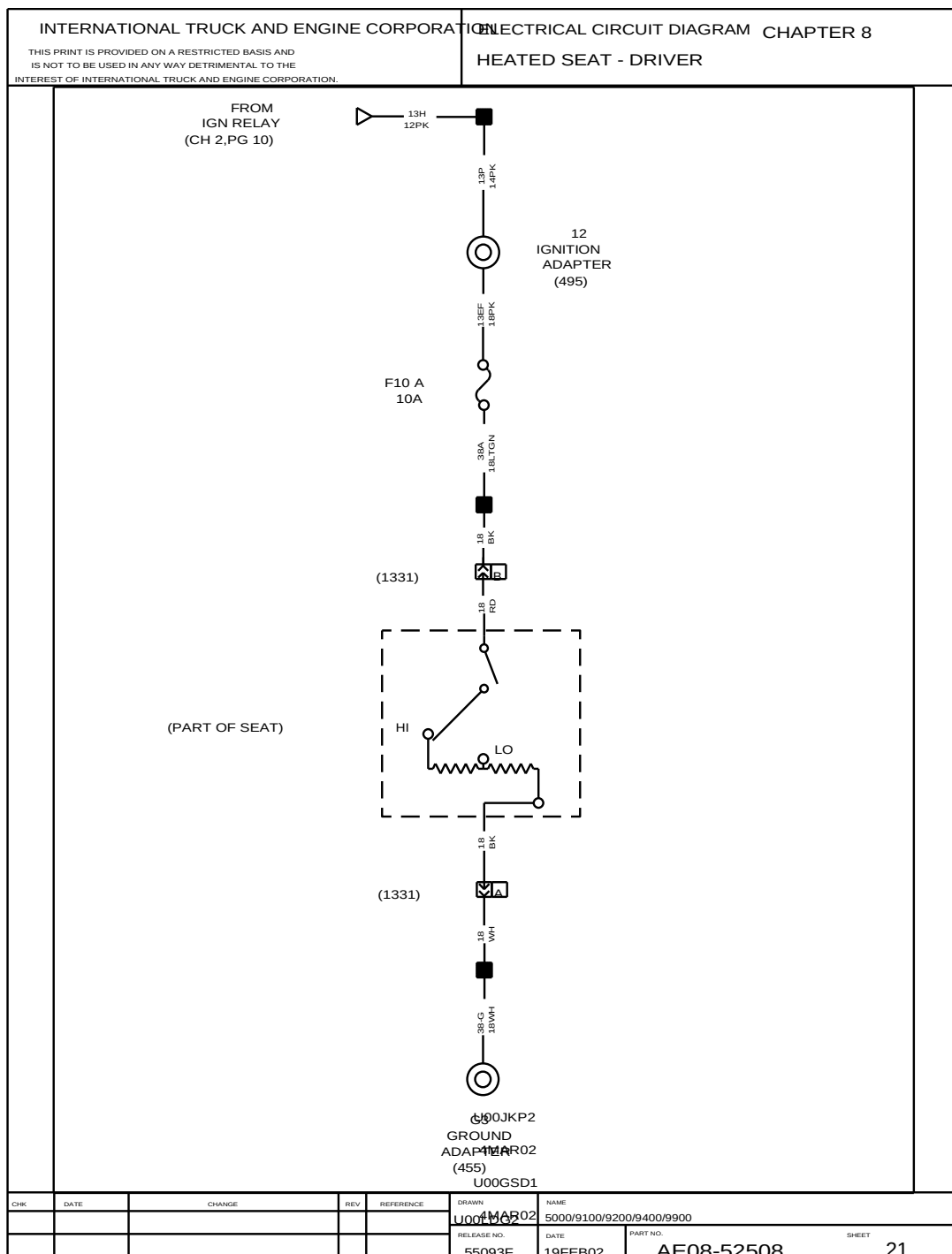


Figure 80 Heated Seat — Driver

9. CHASSIS ACCESSORIES (CHAPTER 9)

9.1. AIR DRYER, P. 1

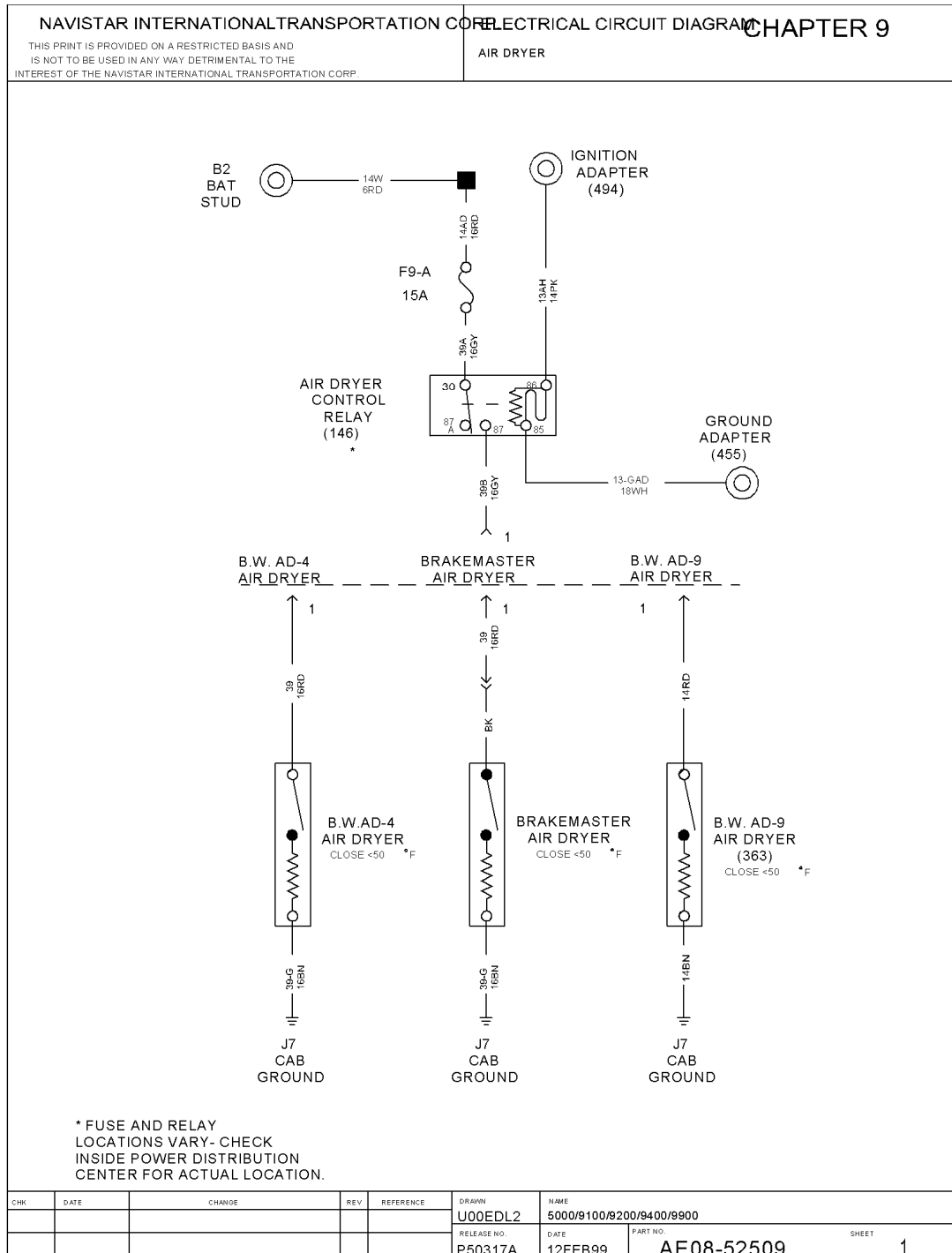


Figure 82 Air Dryer

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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9.2. ABS/ATC (BENDIX), P. 2

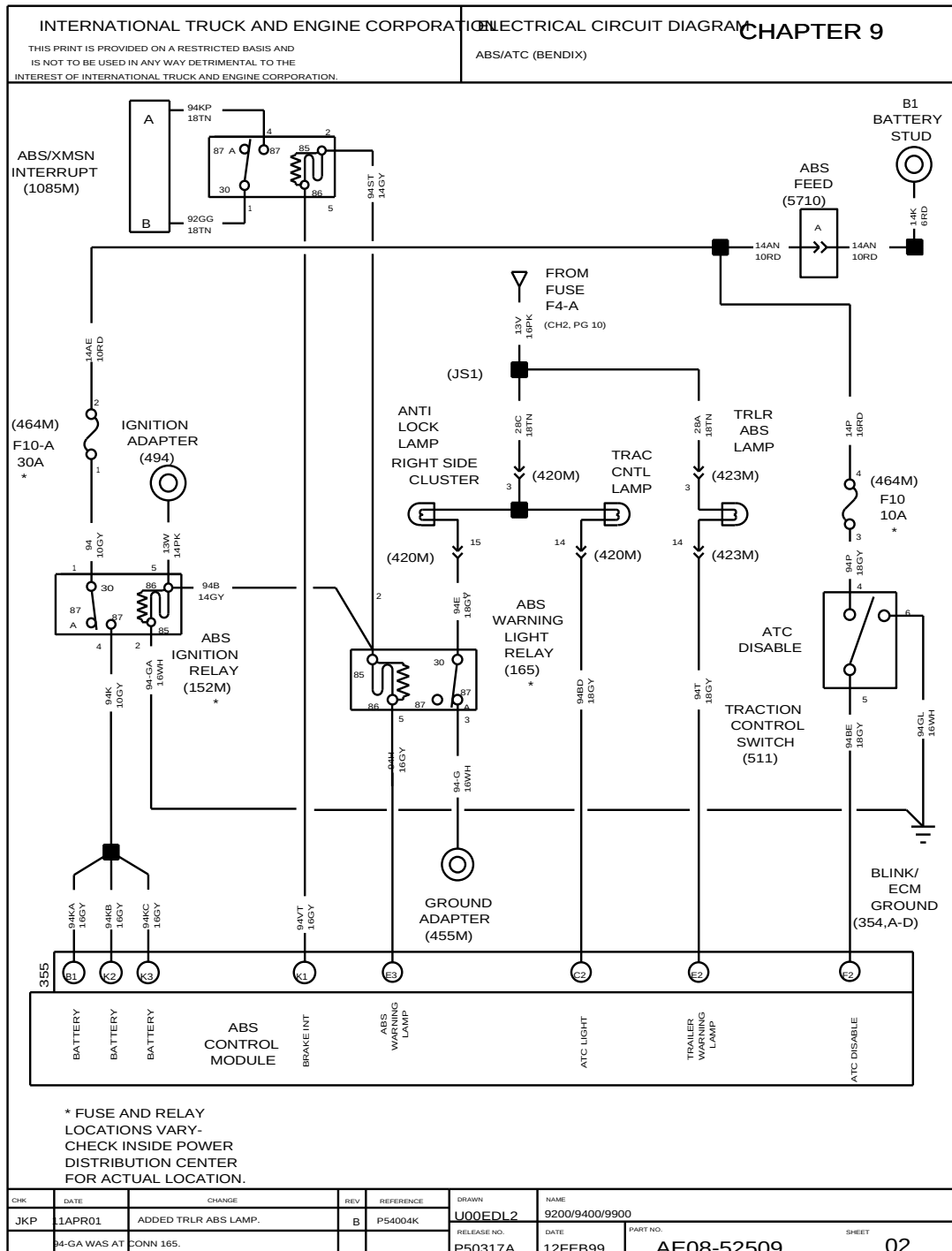


Figure 83 ABS/ATC (Bendix)

9.3. ABS/ATC (BENDIX) (CONT.), P. 3

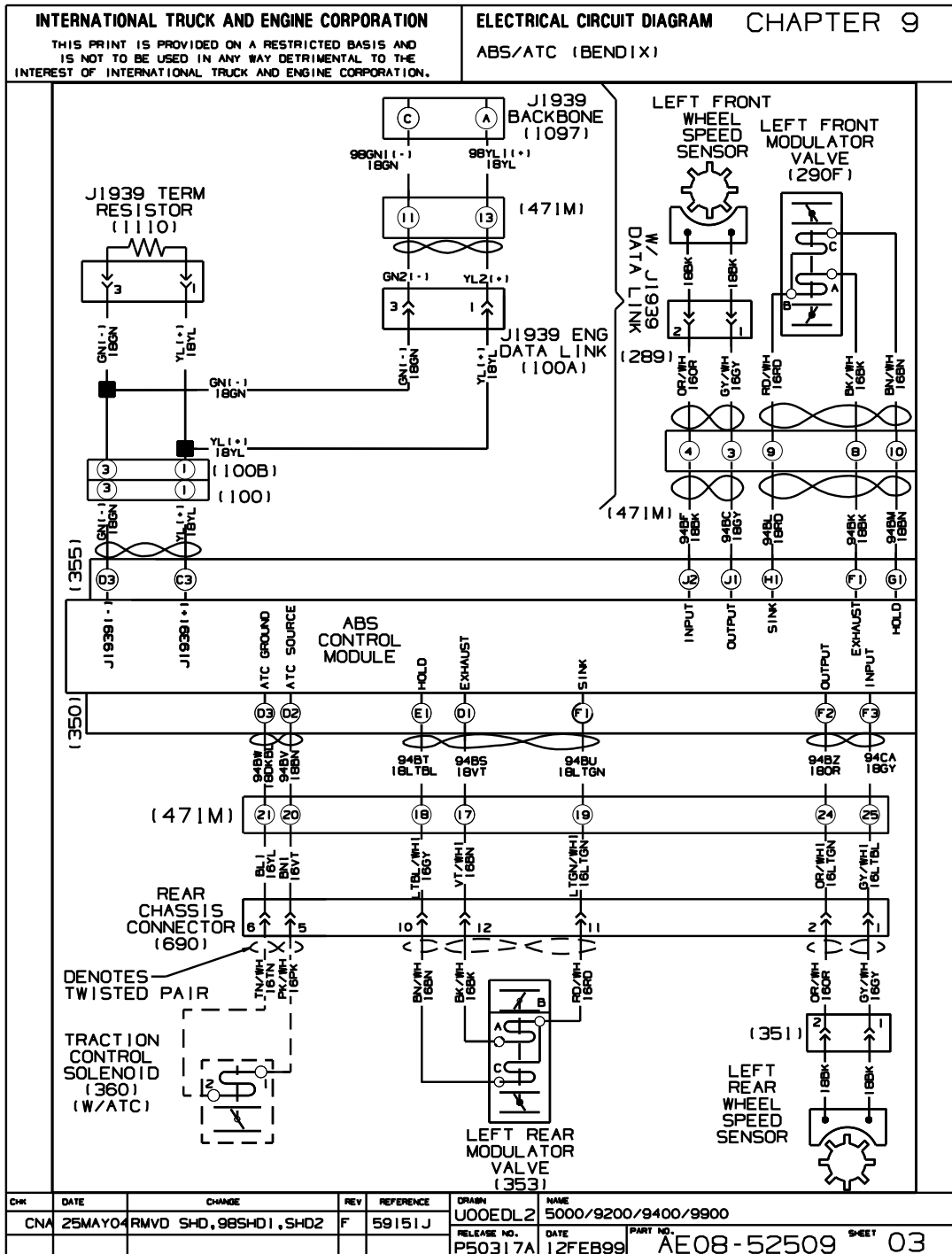


Figure 84 ABS/ATC (Bendix) (cont.)

9.5. ABS/ATC (WABCO), P. 5

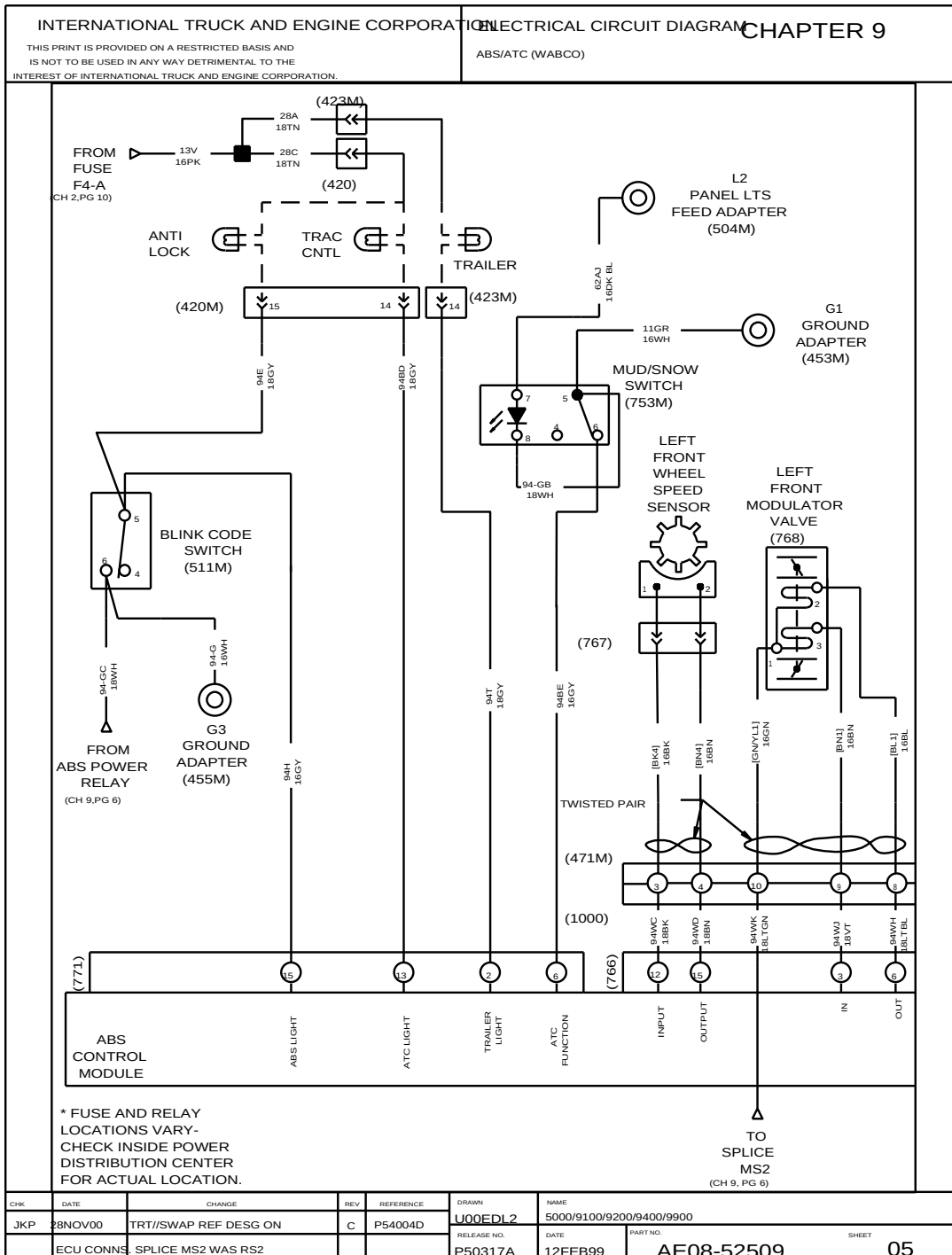


Figure 86 ABS/ATC (WABCO)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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9.6. ABS/ATC (WABCO) (CONT.), P. 6

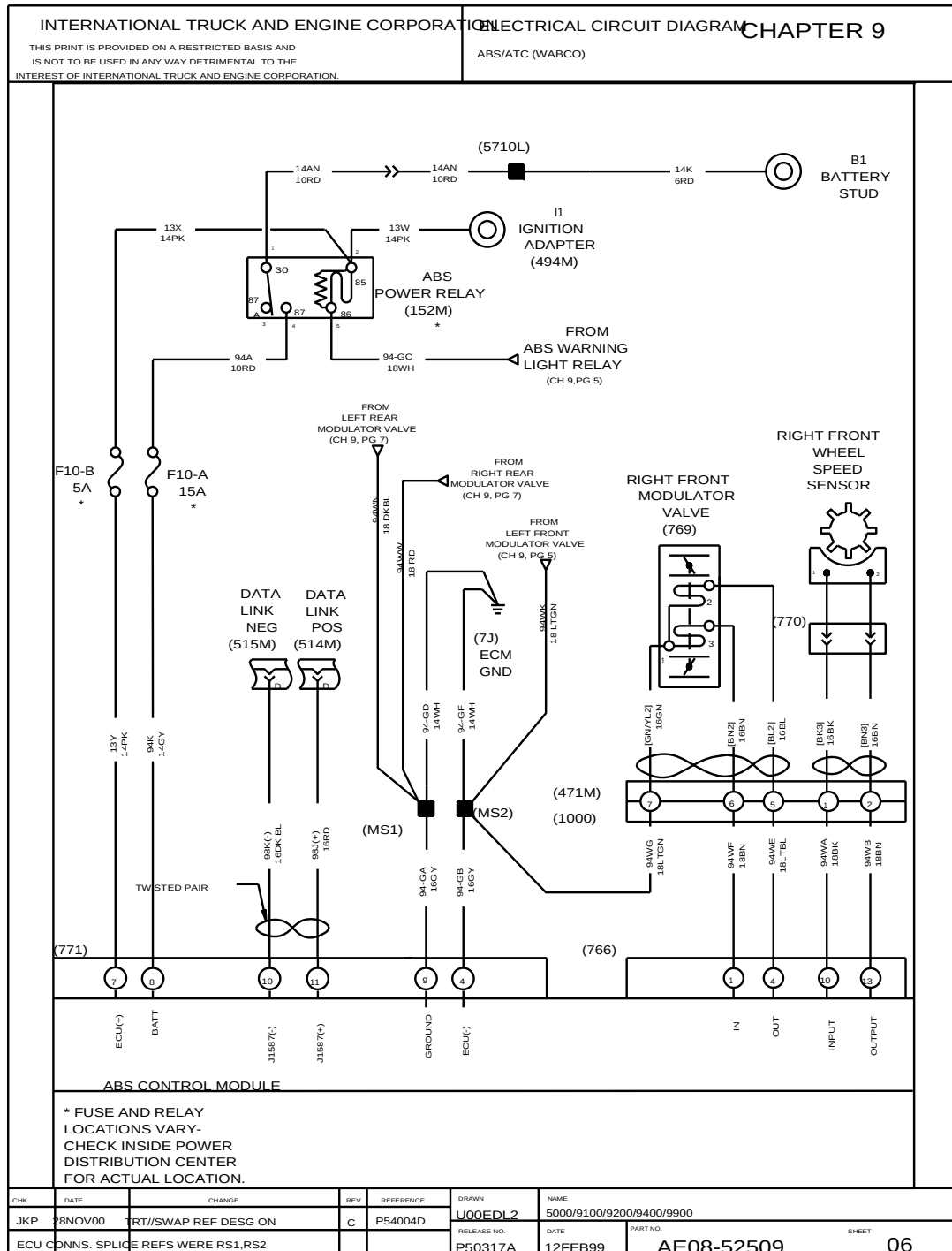


Figure 87 ABS/ATC (WABCO) (cont.)

9.7. ABS/ATC (WABCO) (CONT.), P. 7

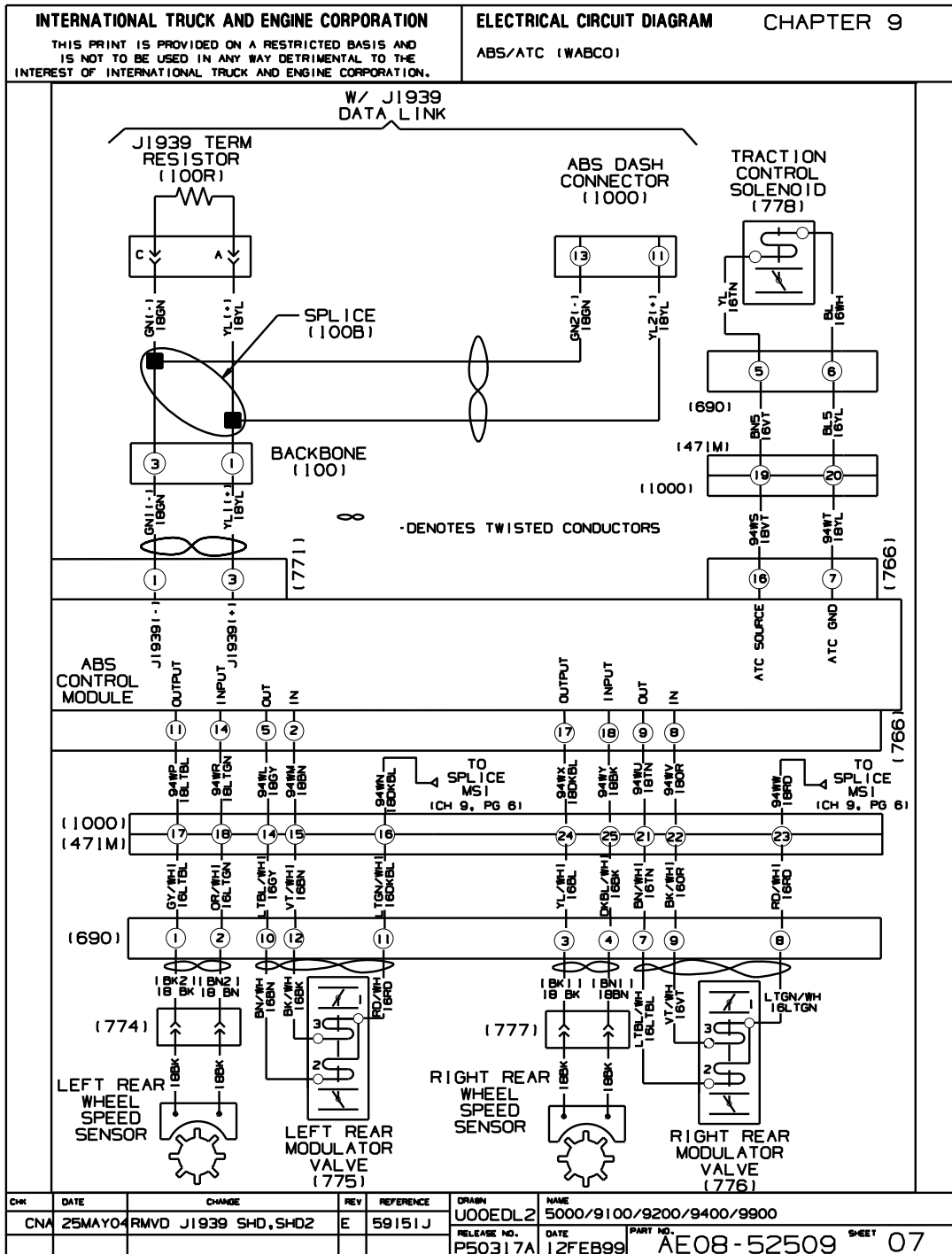


Figure 88 ABS/ATC (WABCO) (cont.)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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9.8. TRAILER CONNECTION — BACK OF SLEEPER MOUNTED W/TRACTOR ABS, P. 8

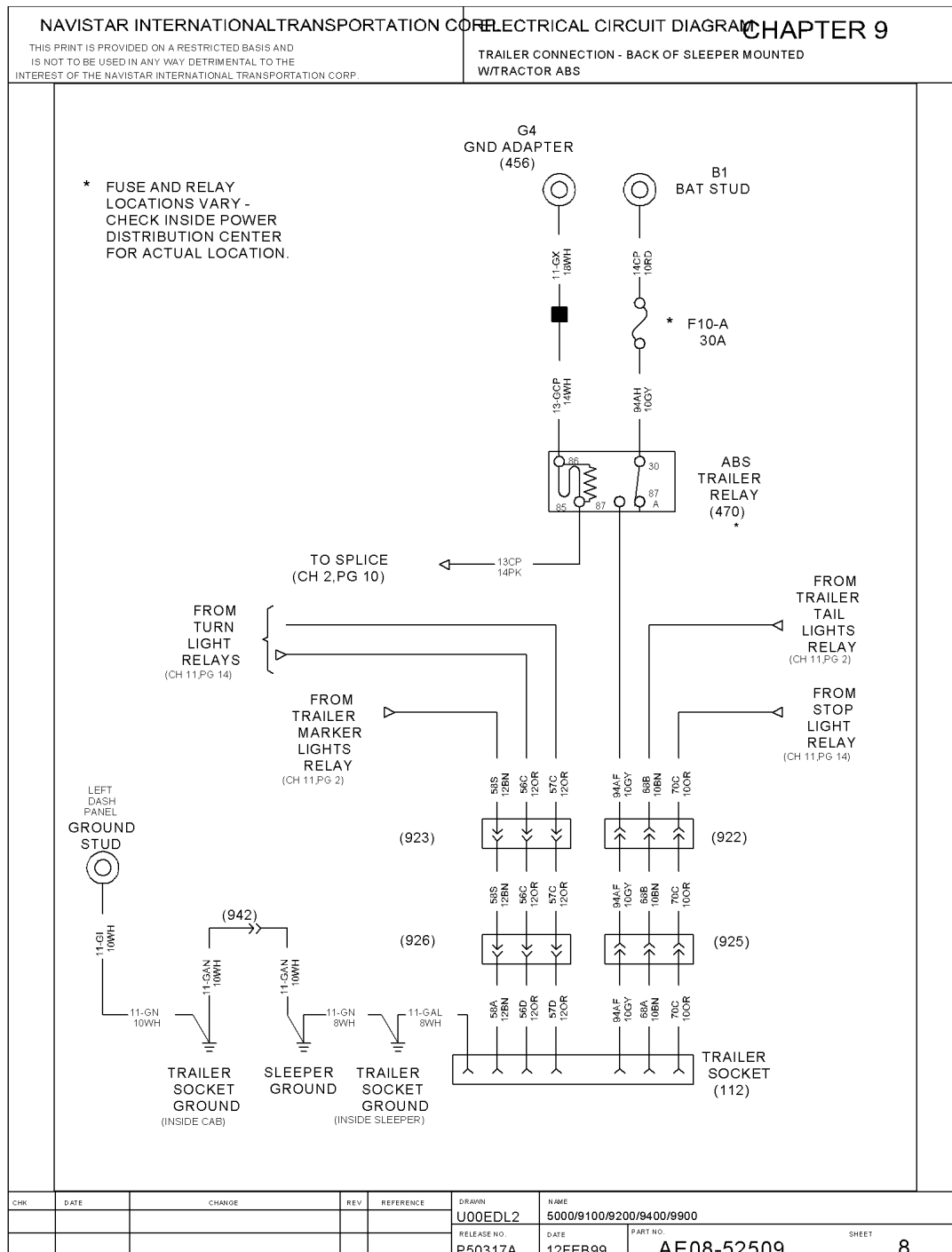


Figure 89 Trailer Connection — Back of Sleeper Mounted W/Tractor ABS

9.9. TRAILER CONNECTION W/FOUR WHEEL TRAILER — FRAME MOUNTED, P. 9

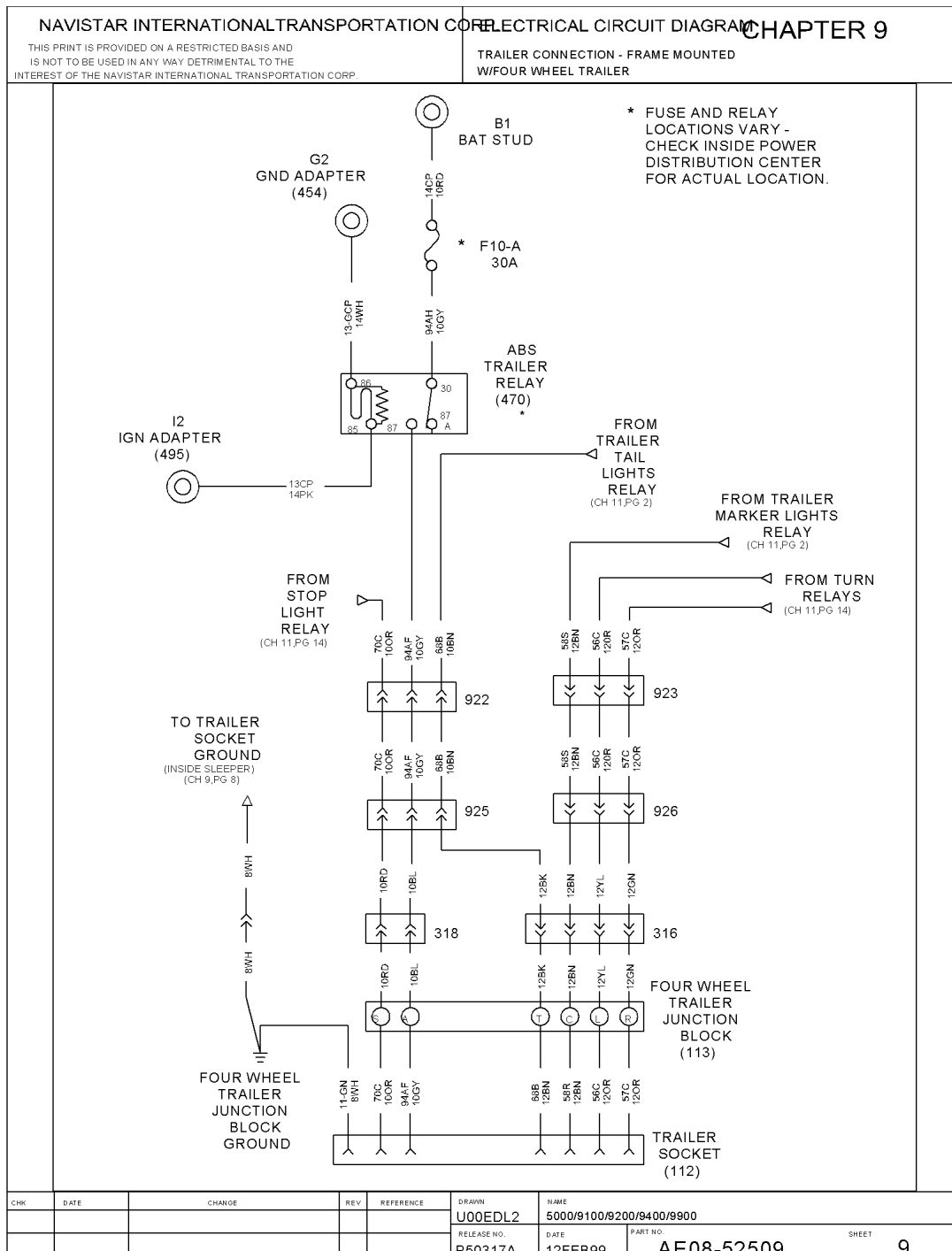


Figure 90 Trailer Connection W/Four Wheel Trailer — Frame Mounted

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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9.10. TWO SPEED AXLE WIRING, P. 10

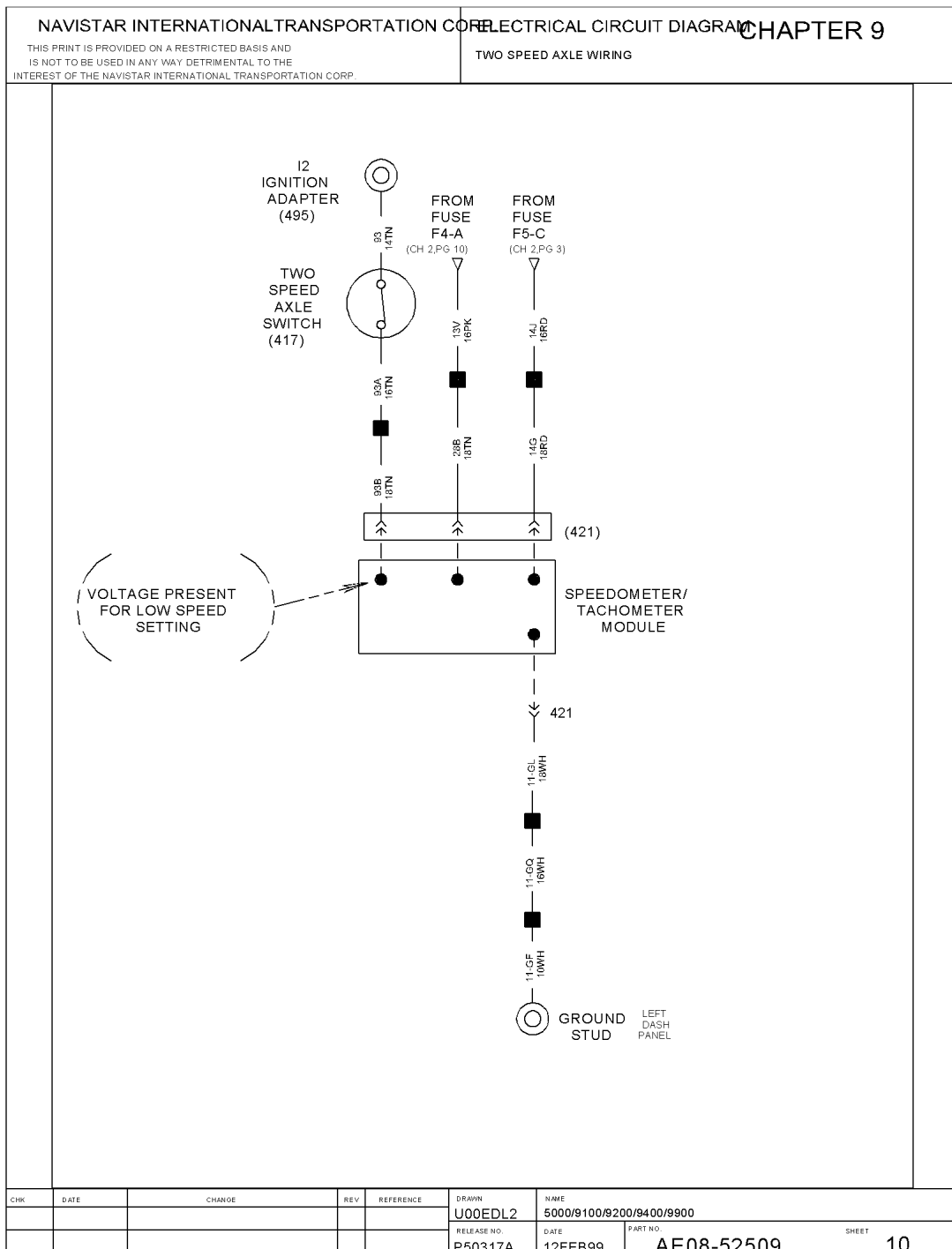


Figure 91 Two Speed Axle Wiring

9.11. TRUCK BODY CONNECTION, P. 11

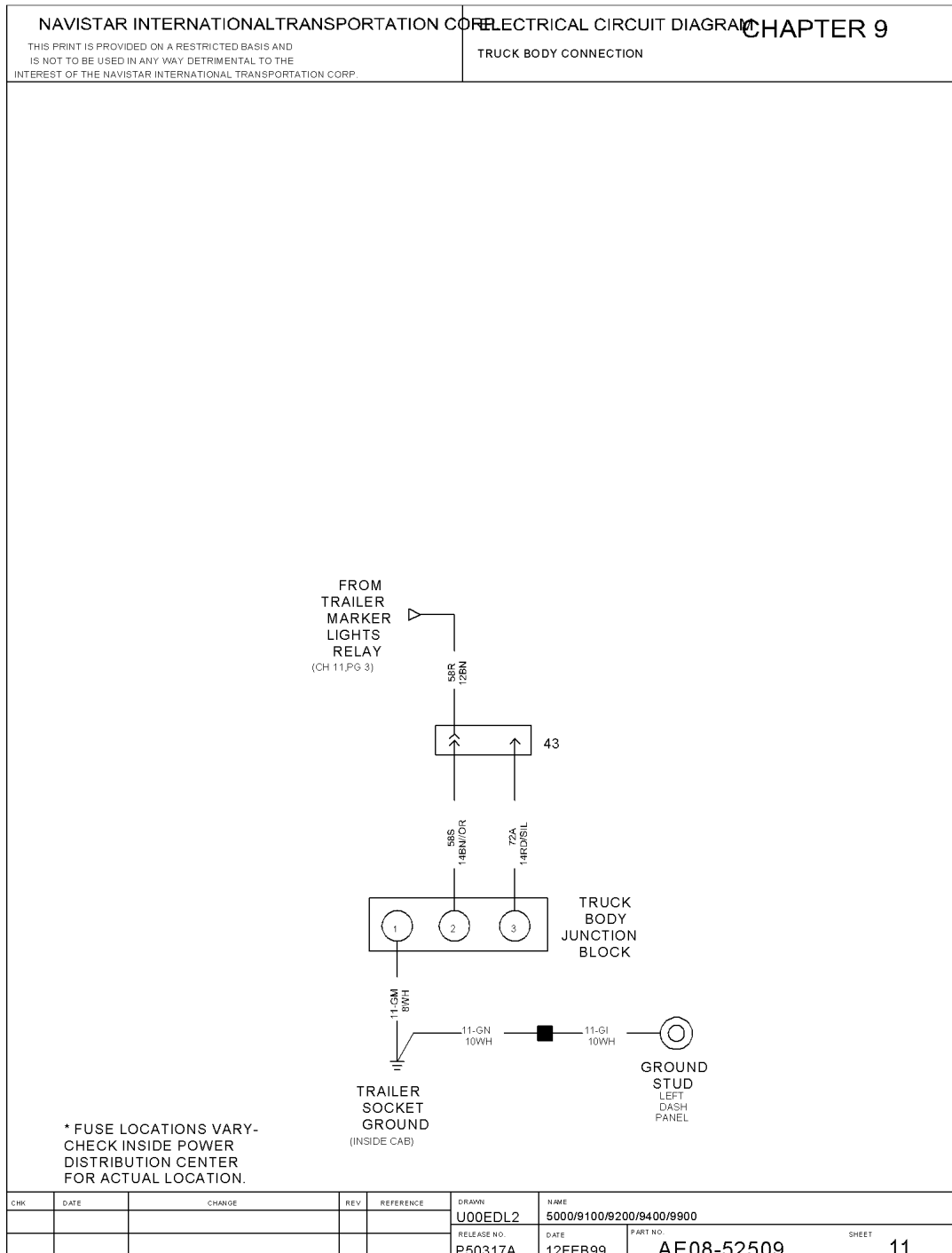


Figure 92 Truck Body Connection

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

93

9.12. TRAILER CONNECTION N/SLEEPER — BACK OF CAB MOUNTED, P. 12

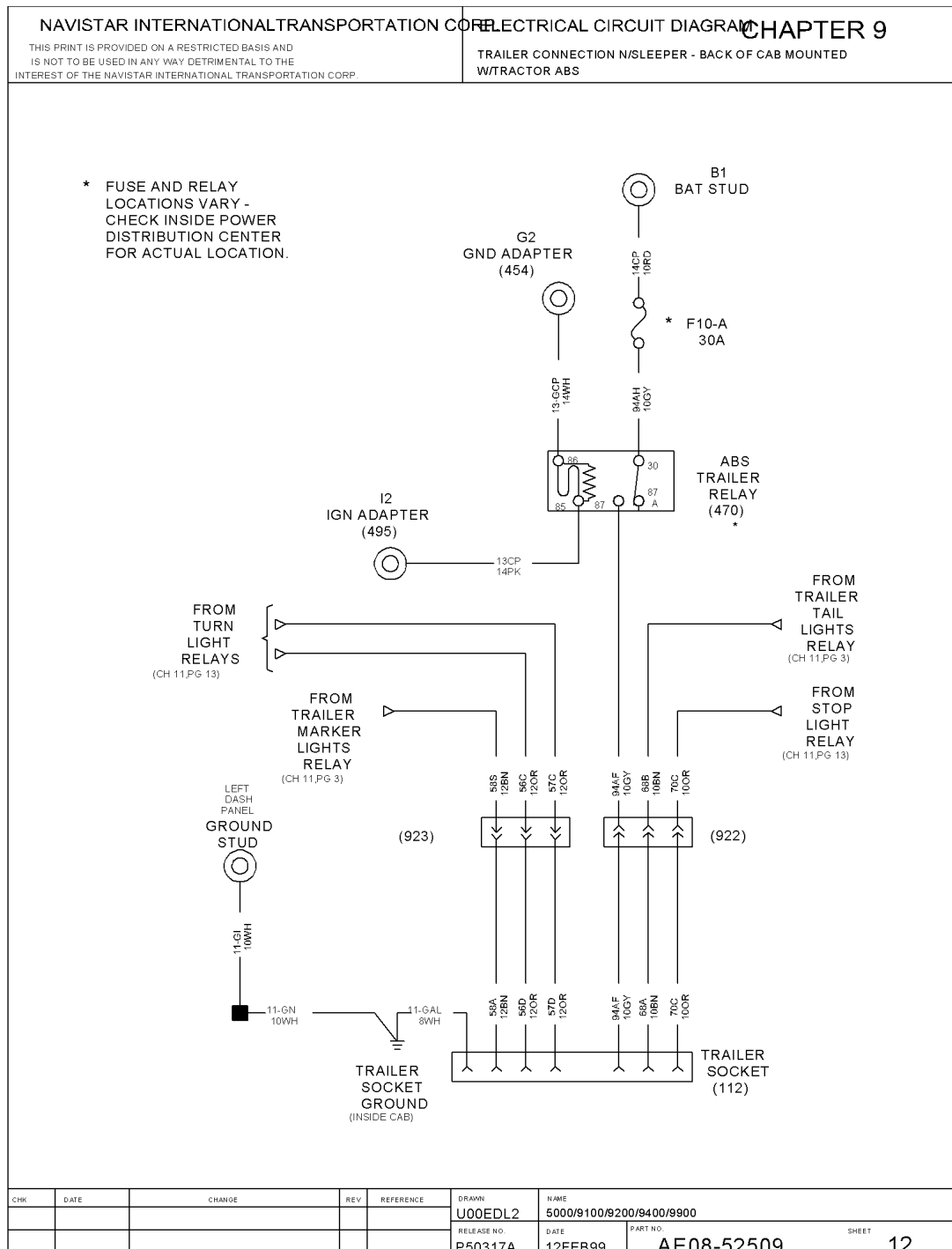


Figure 93 Trailer Connection N/Sleeper — Back of Cab Mounted

**9.13. TRAILER CONNECTION W/FOUR WHEEL TRAILER — FRAME MOUNTED
W/5000, P. 13**

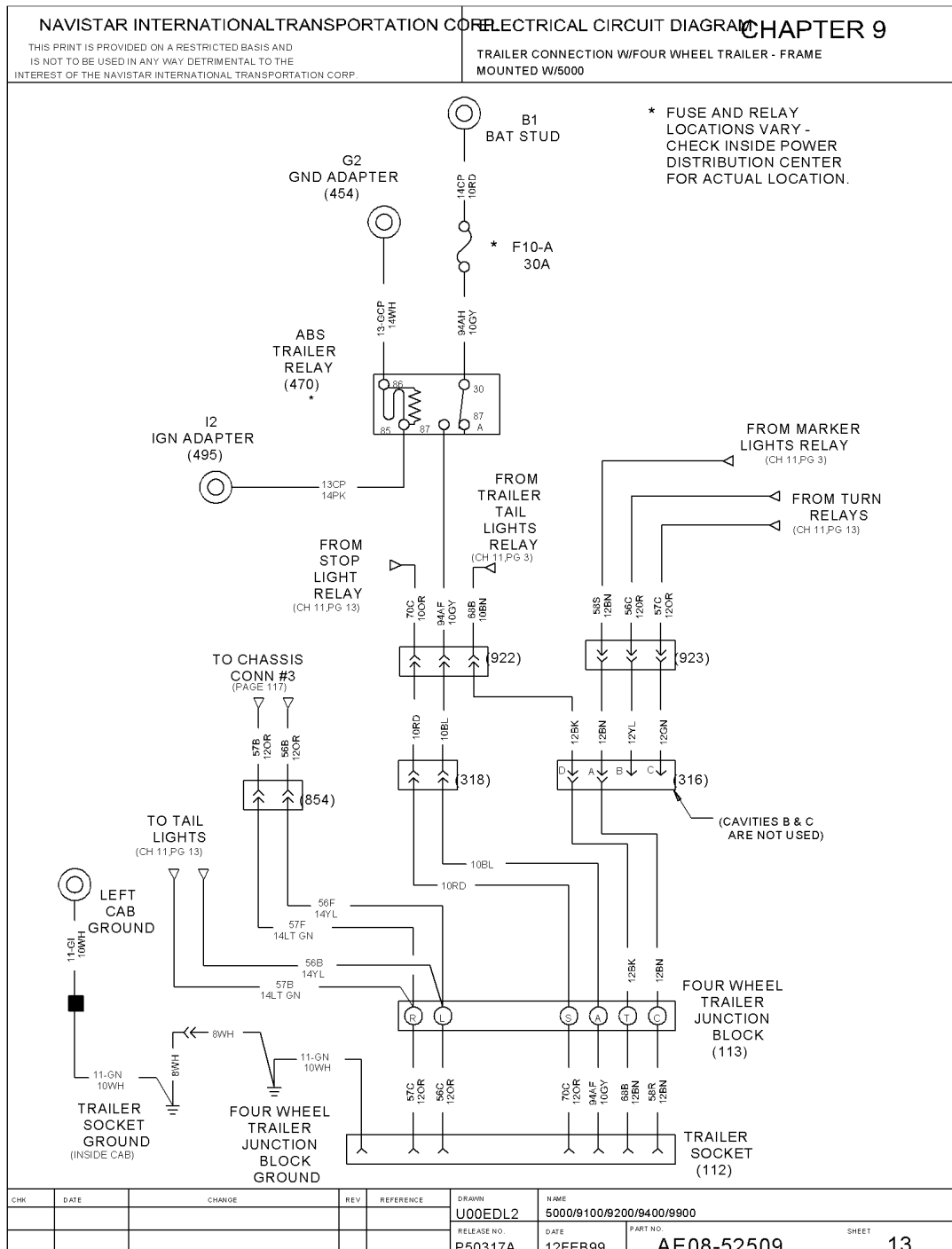


Figure 94 Trailer Connection W/Four Wheel Trailer — Frame Mounted W/5000

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

95

9.14. MERITOR G SERIES TRANSMISSION, P. 14

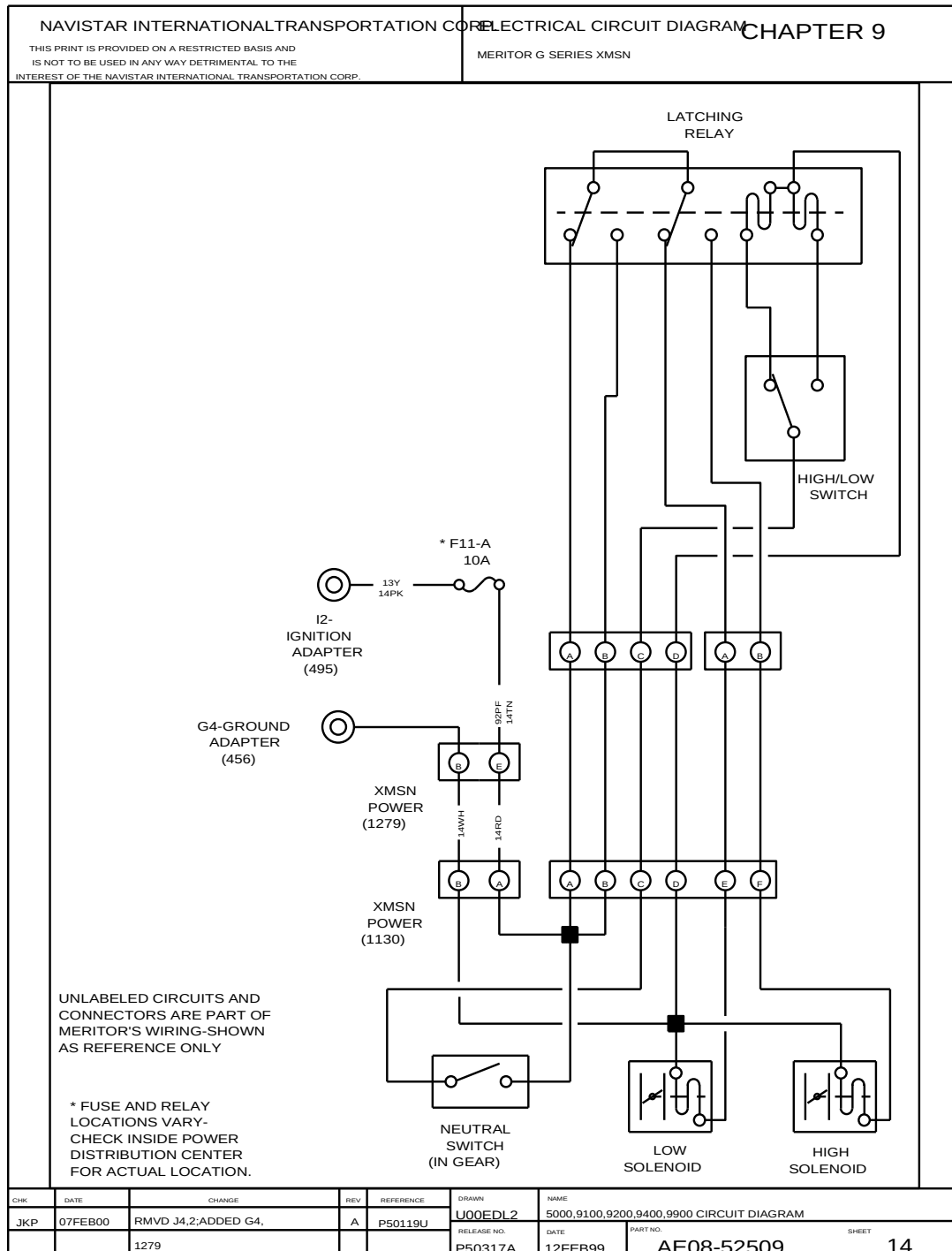


Figure 95 Meritor G Series Transmission

9.15. EATON AUTOSHIFT TRANSMISSION — CAB WIRING, P. 15

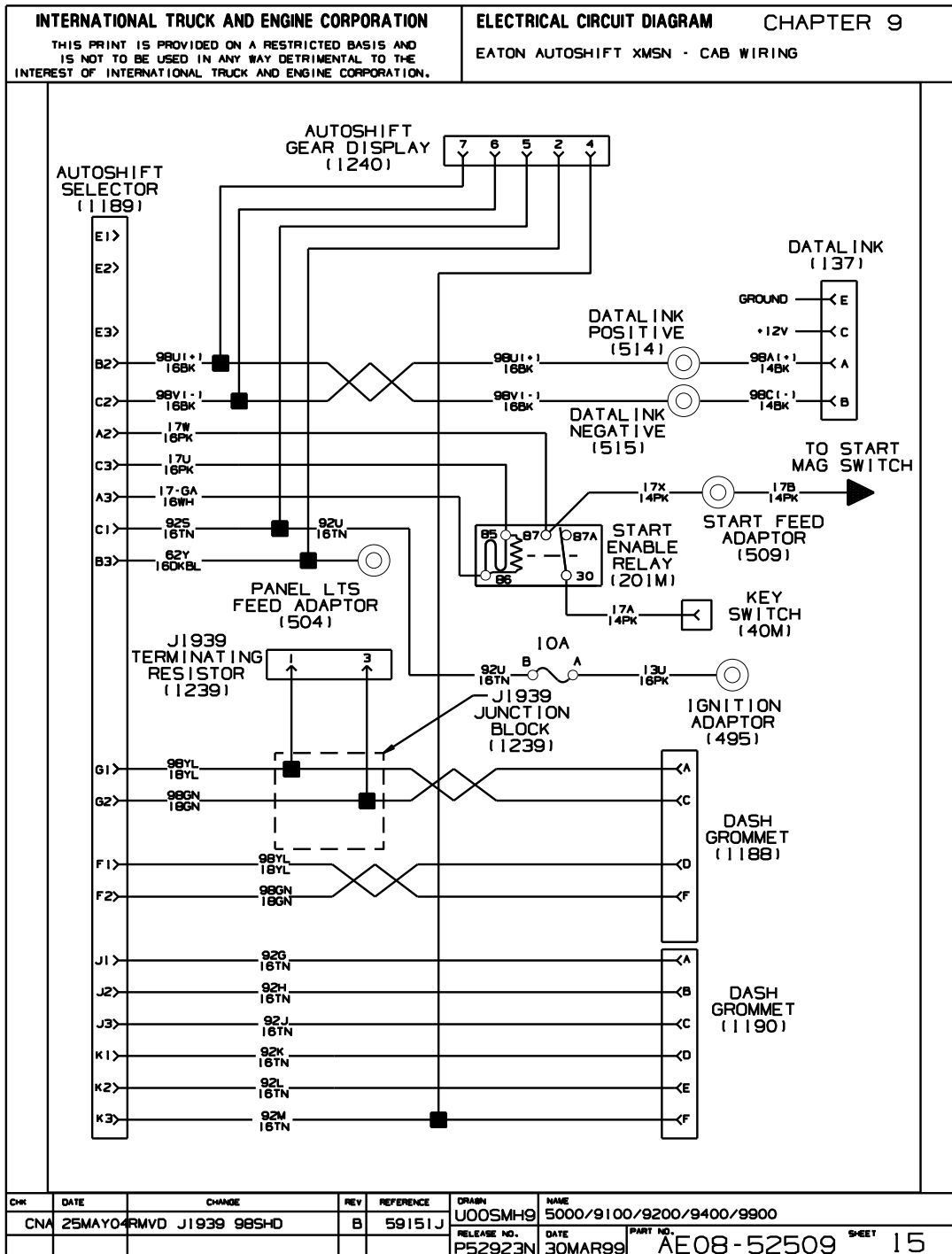


Figure 96 Eaton Autoshift Transmission — Cab Wiring

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS

97

9.16. EATON AUTOSHIFT TRANSMISSION — TRANSMISSION WIRING, P. 16

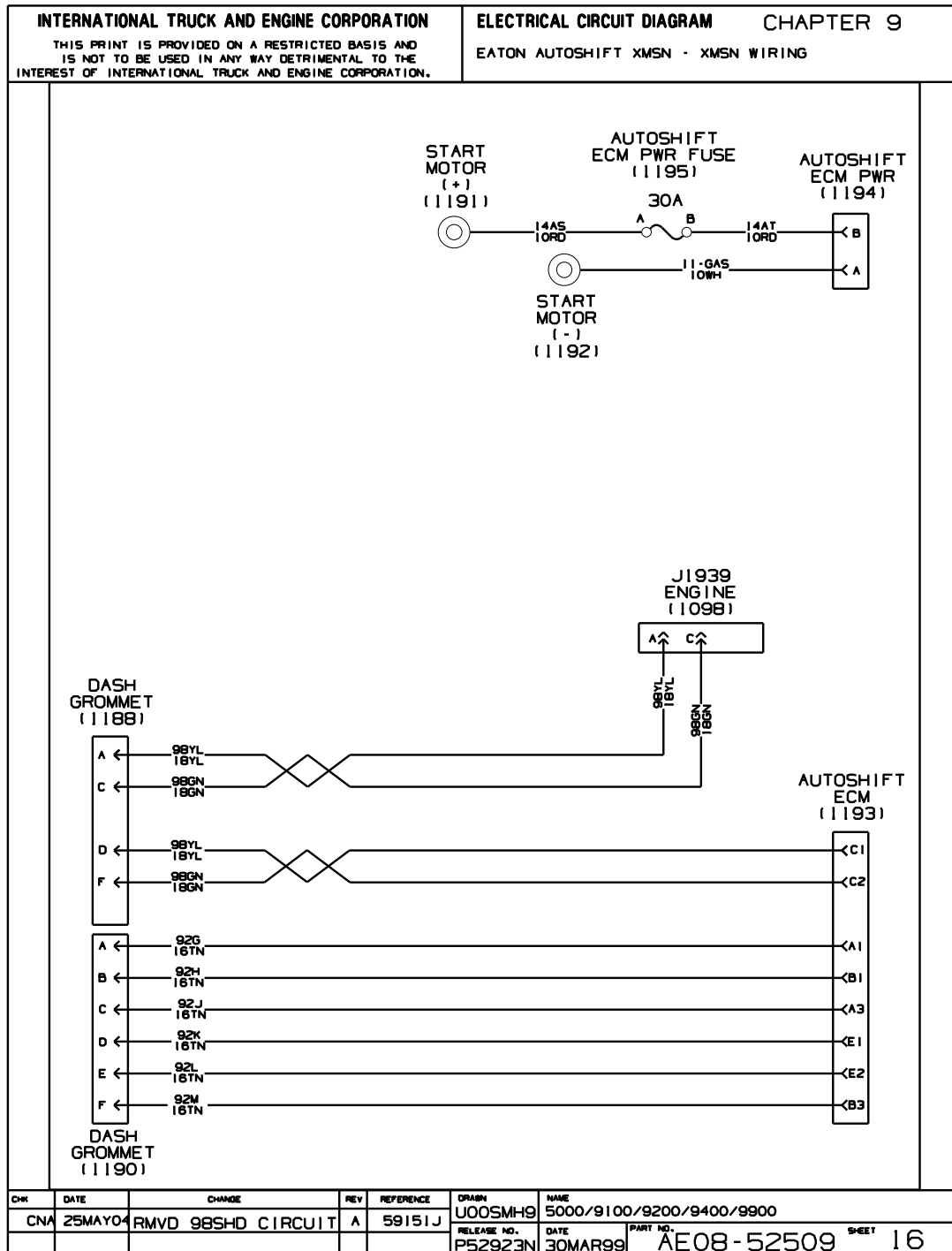


Figure 97 Eaton Autoshift Transmission — Transmission Wiring

9.17. EATON LIGHTNING TRANSMISSION — TRANSMISSION WIRING, P. 17

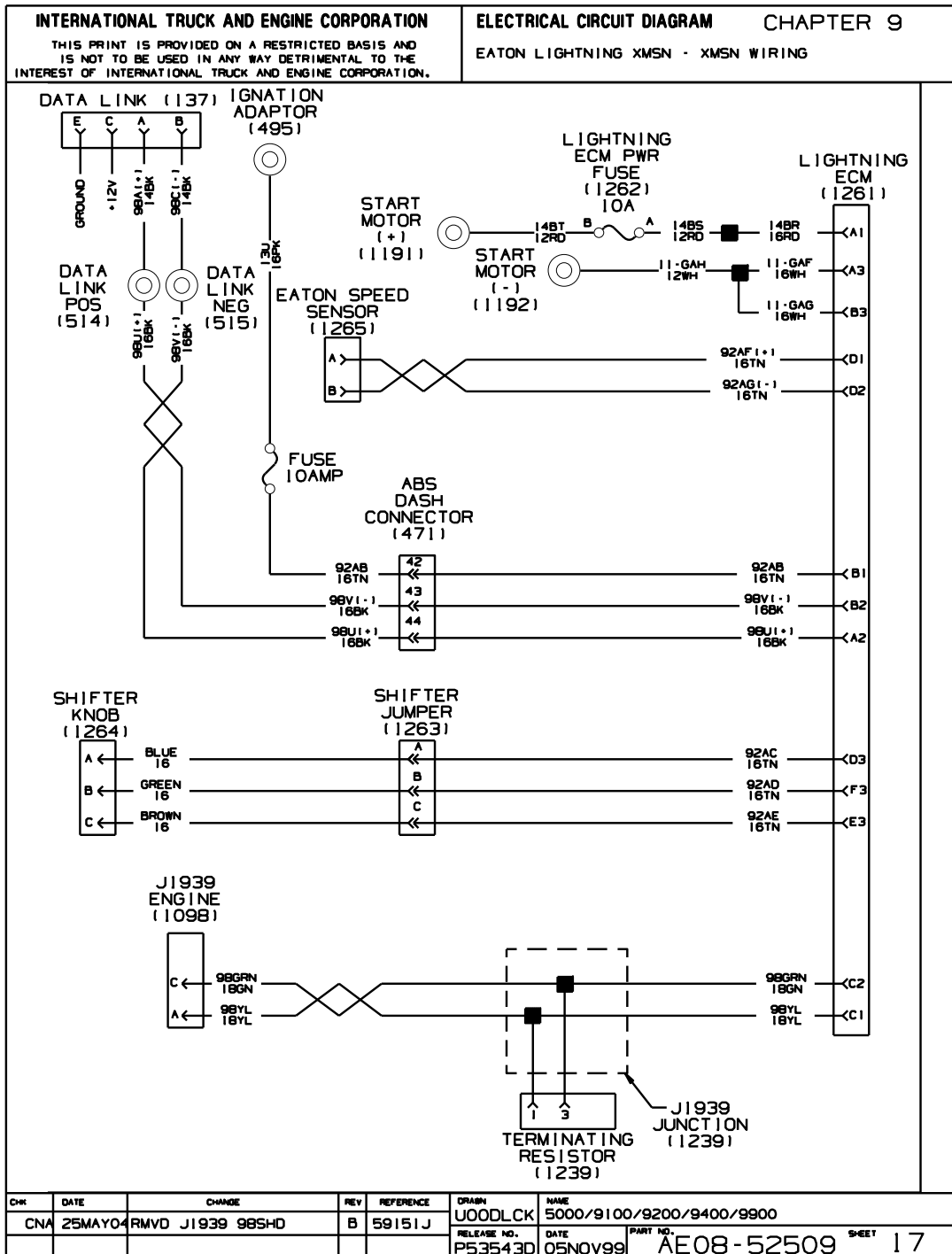


Figure 98 Eaton Lightning Transmission — Transmission Wiring

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

99

9.18. EATON ULTRASHIFT/DM2 — TRANSMISSION WIRING, P. 18

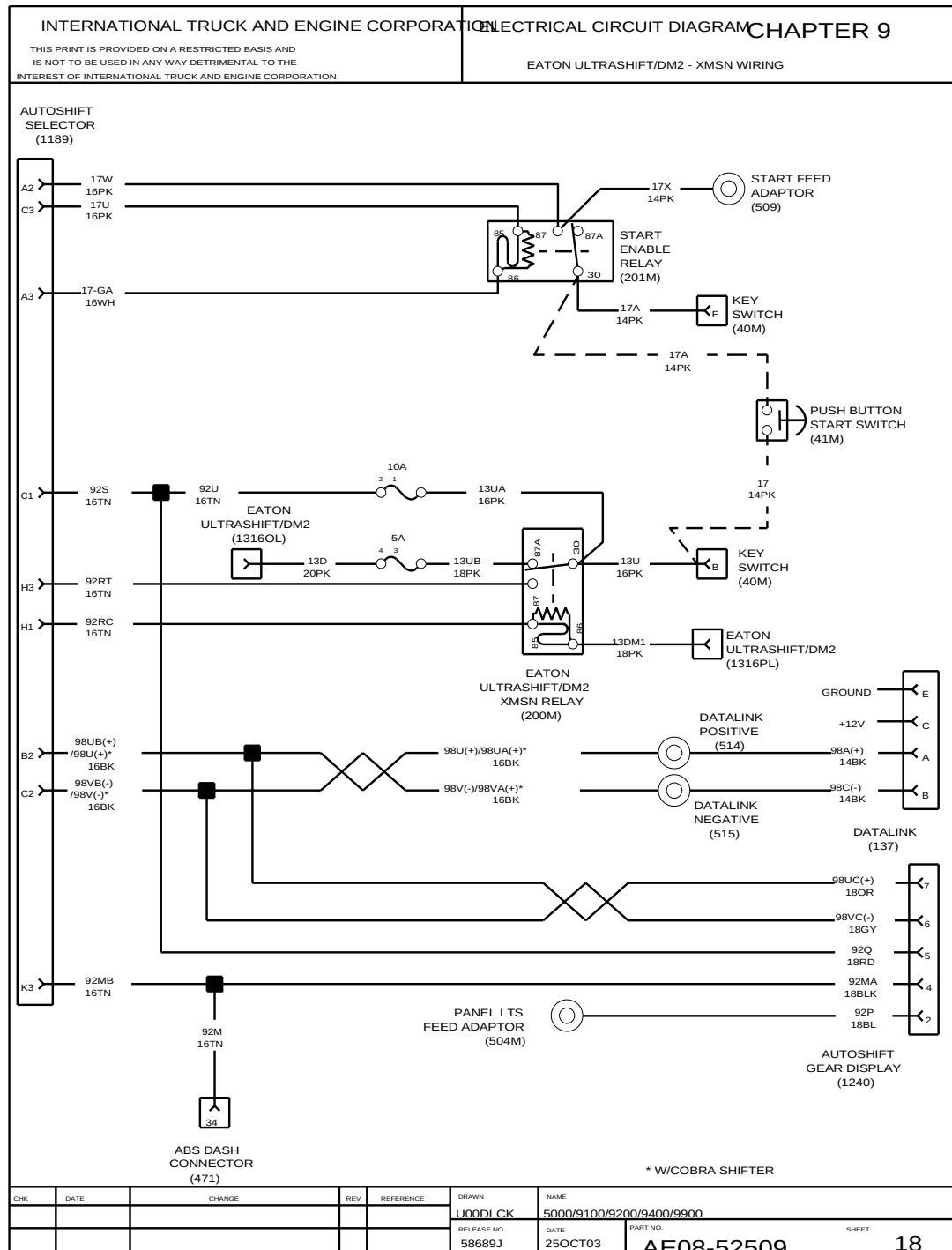


Figure 99 Eaton Ultrashift/DM2 — Transmission Wiring

9.19. EATON ULTRASHIFT/DM2 — TRANSMISSION WIRING (CONT.), P. 19

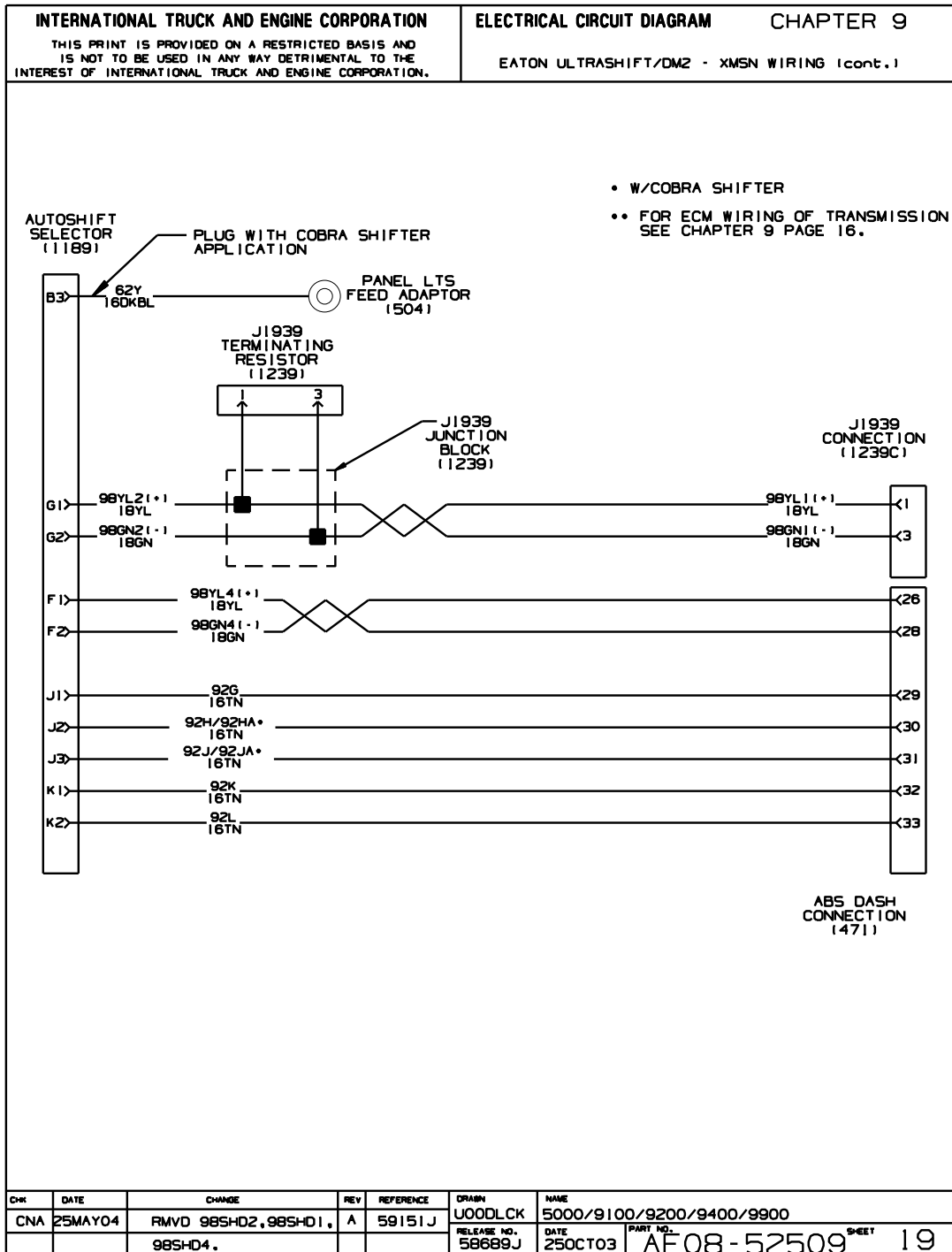


Figure 100 Eaton Ultrashift/DM2 — Transmission Wiring (Cont.)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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9.20. EATON ULTRASHIFT/DM2 AND COBRA SHIFTER, P. 20

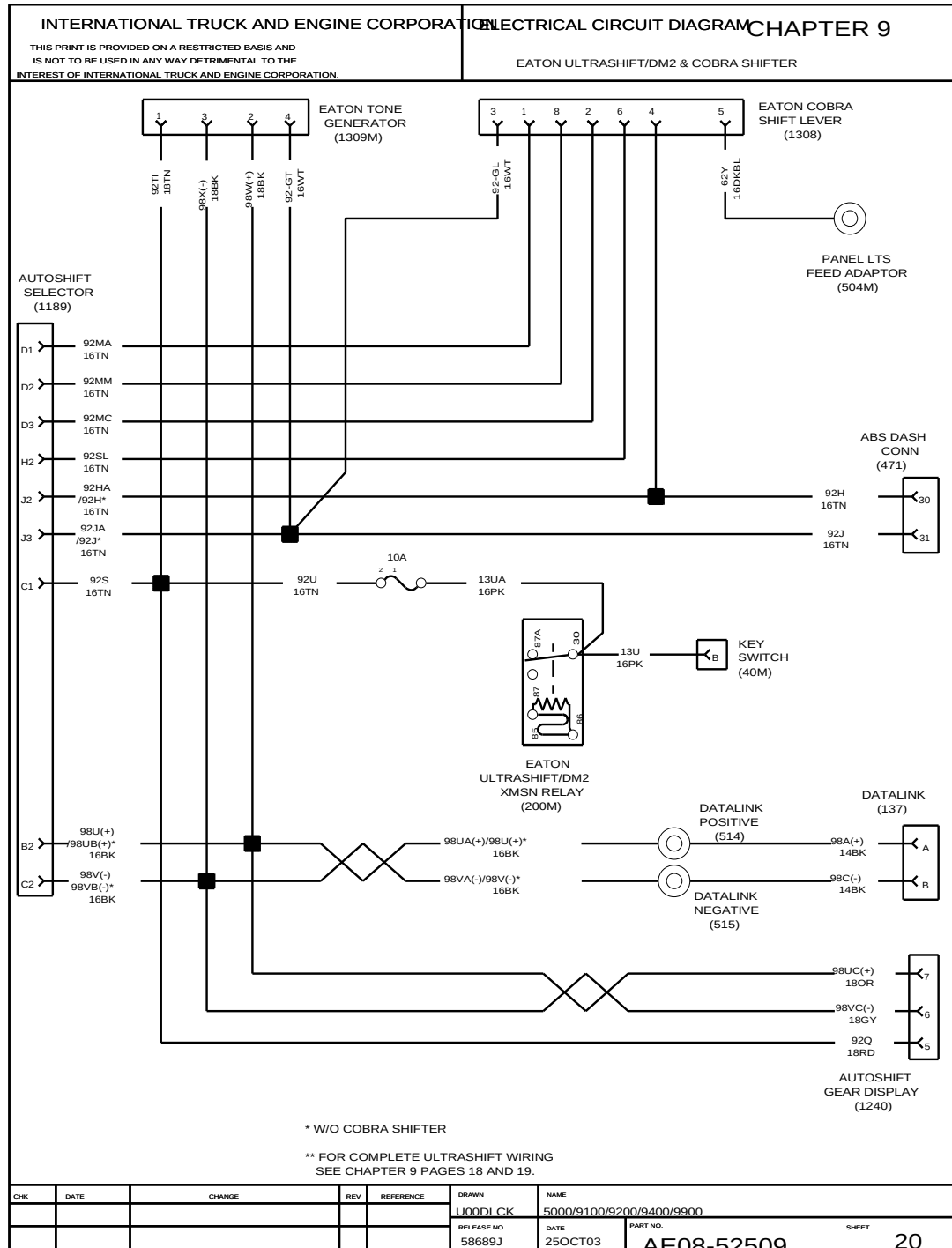
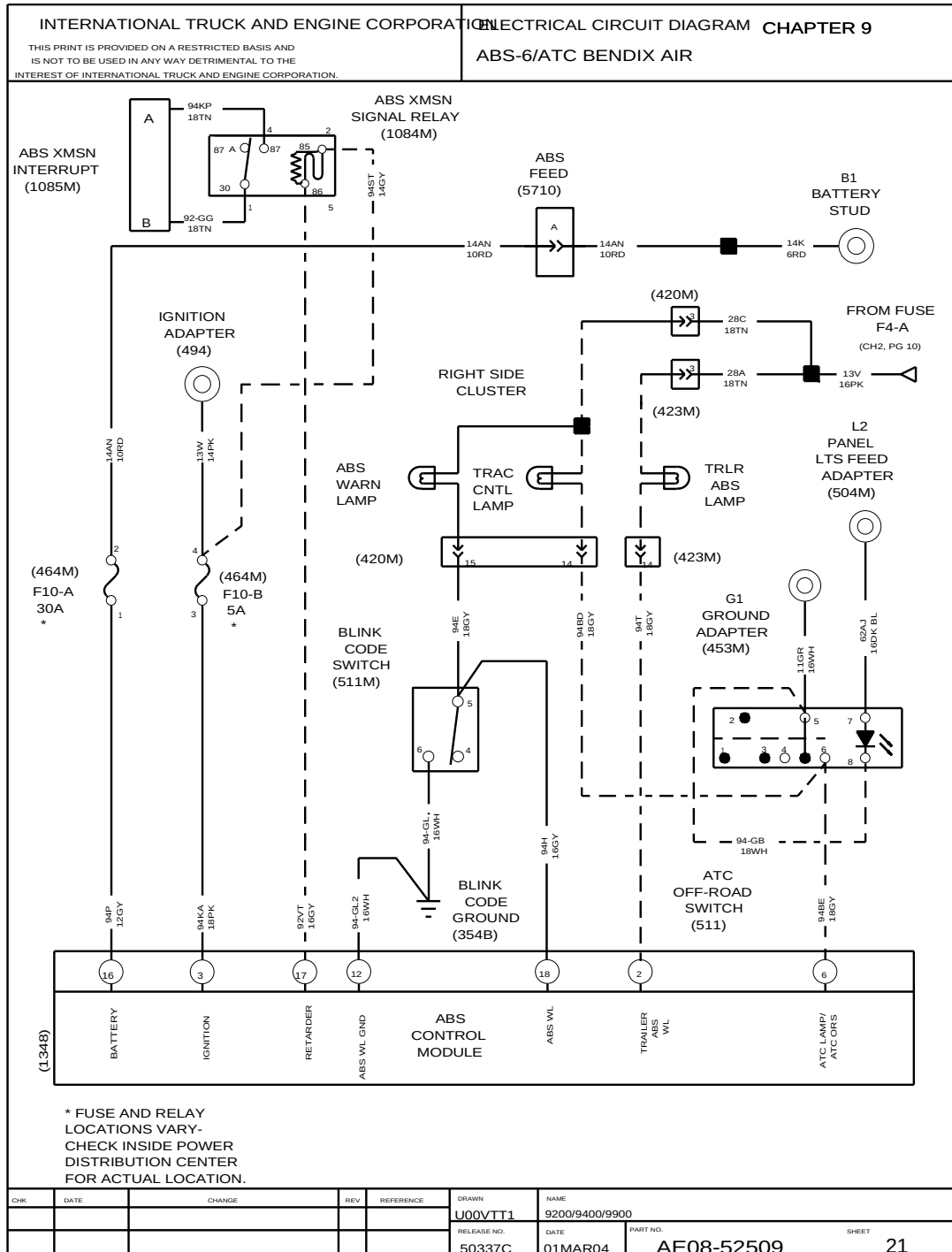


Figure 101 Eaton Ultrashift/DM2 and Cobra Shifter

9.21. ABS6/ATC BENDIX AIR, P. 21

Figure 102 ABS6/ATC Bendix Air

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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9.22. ABS6/ATC BENDIX AIR, P. 22

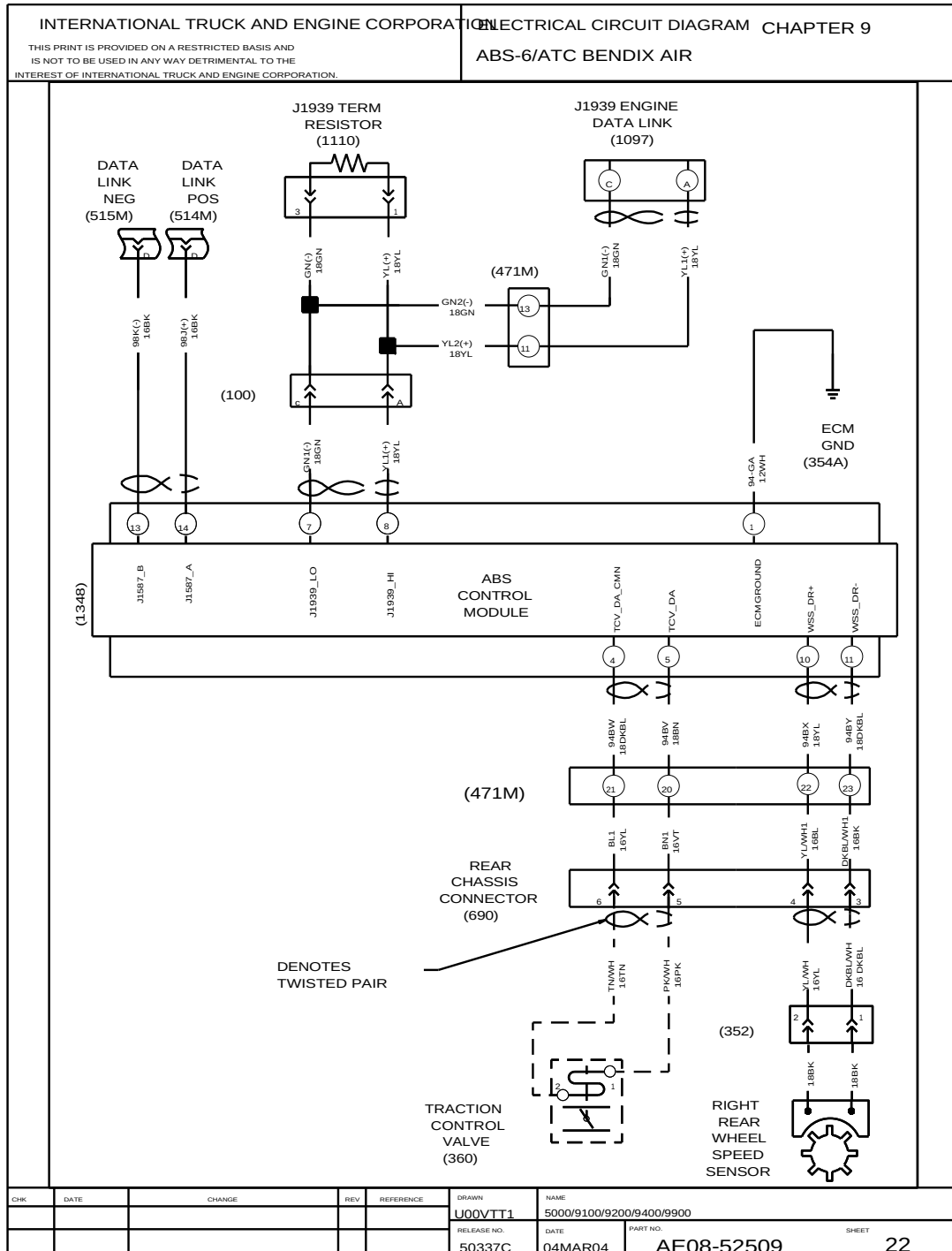


Figure 103 ABS6/ATC Bendix Air

9.23. ABS6/ATC BENDIX AIR, P. 23

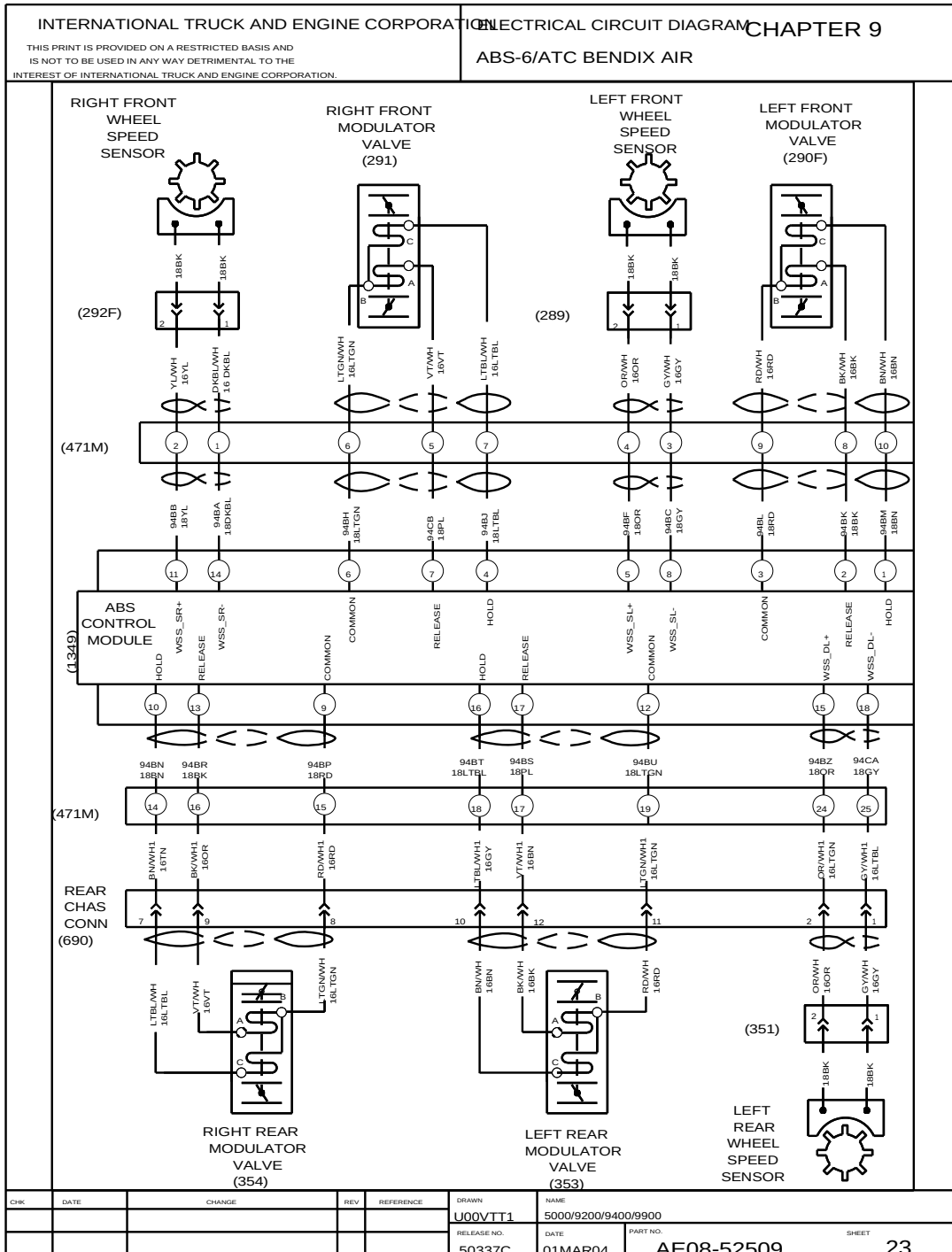


Figure 104 ABS6/ATC Bendix Air

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

105

9.24. ABS6 ADVANCE ECU, W/BENDIX RSP, P. 24

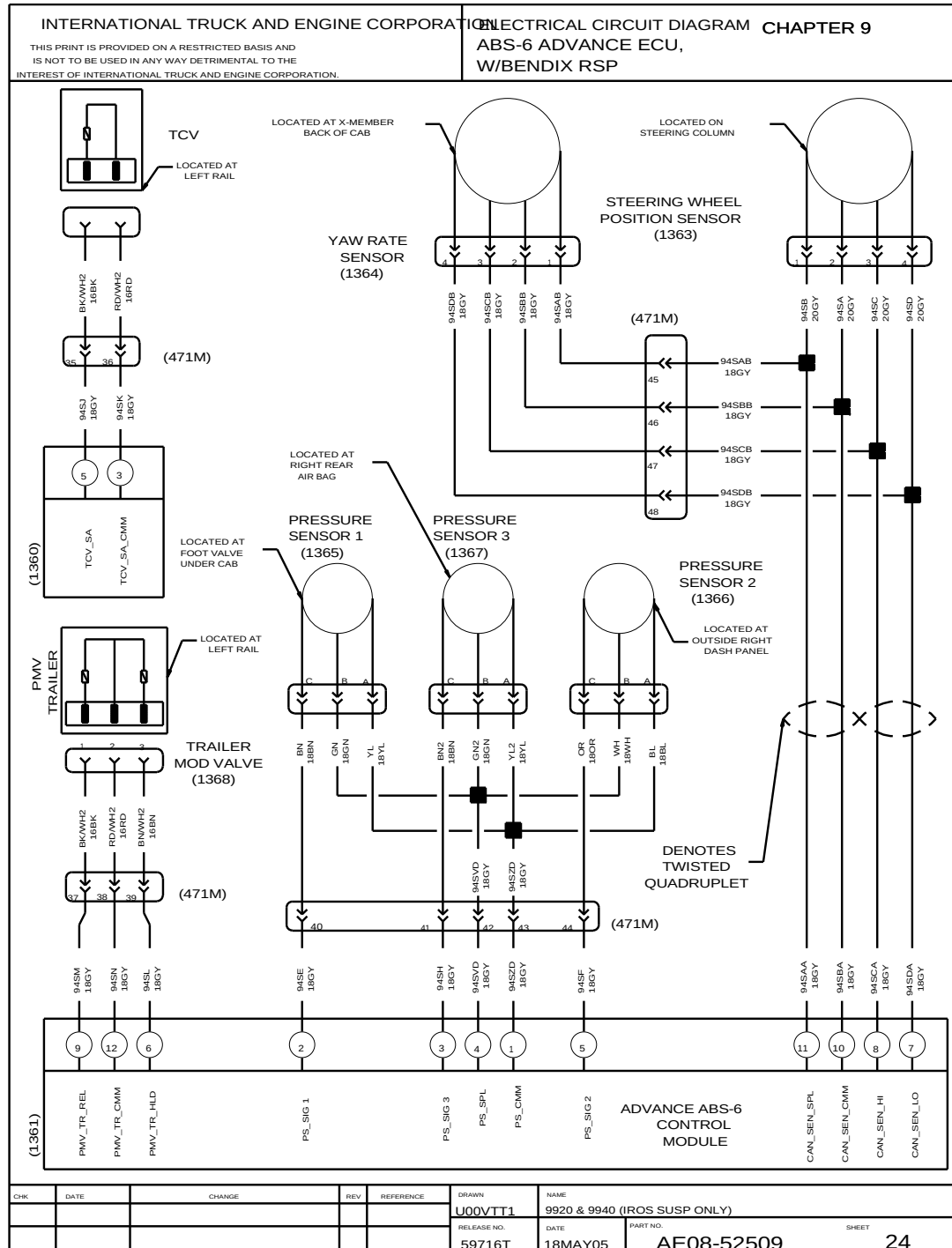
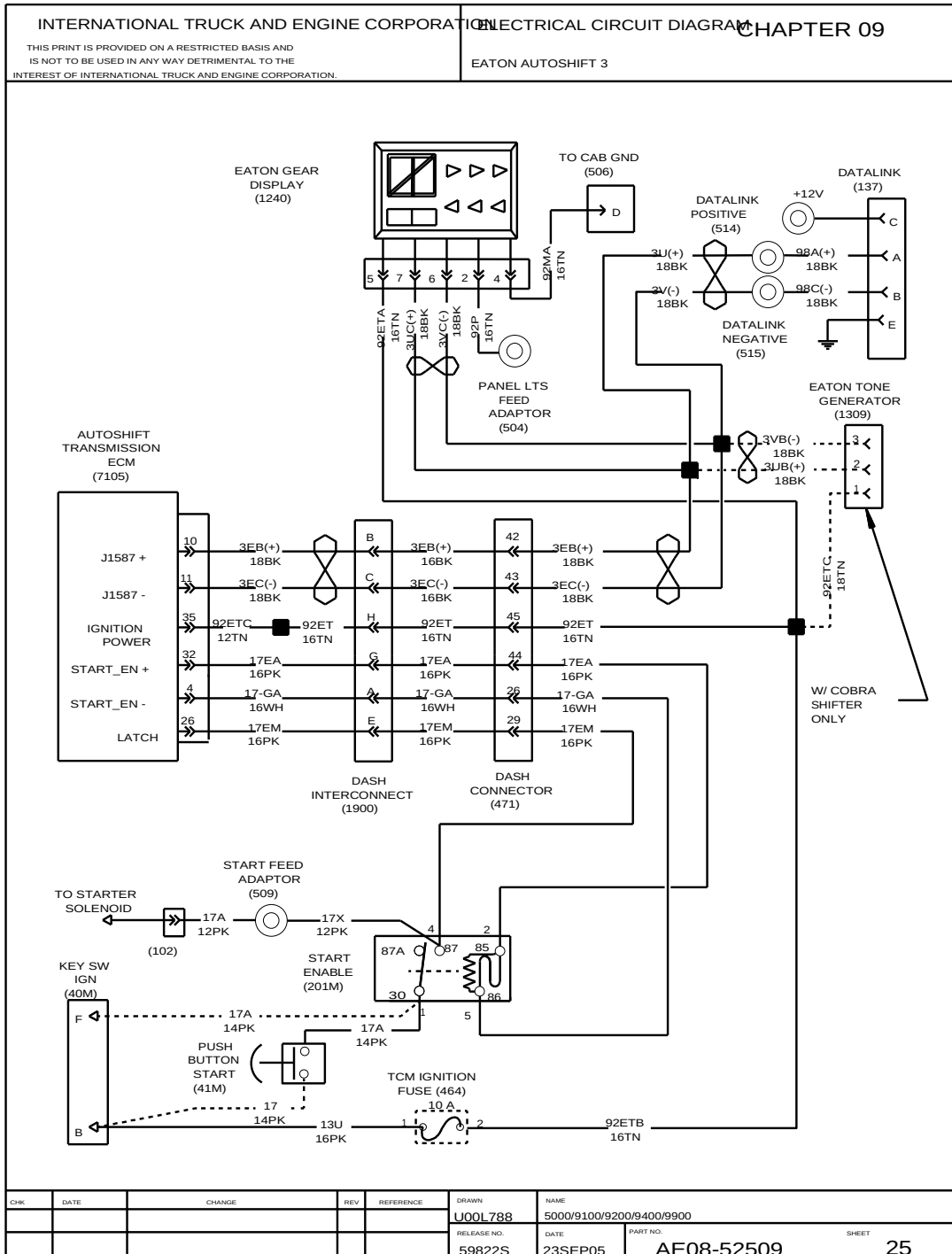


Figure 105 ABS6 Advance ECU, W/Bendix RSP

9.25. EATON AUTOSHIFT 3, P. 25

Figure 106 Eaton Autoshift 3

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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9.26. EATON AUTOSHIFT 3, P. 26

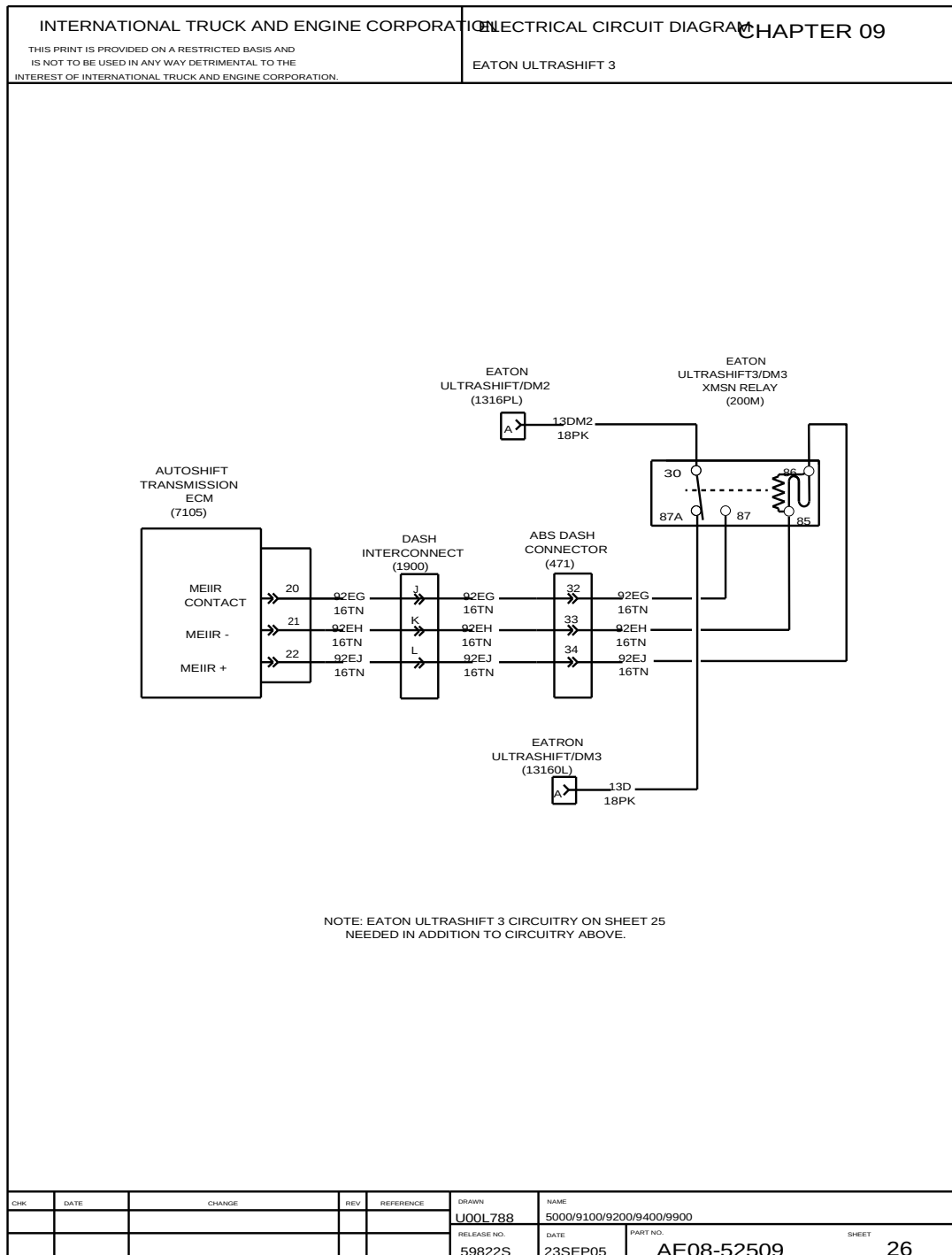


Figure 107 Eaton Autoshift 3

9.27. EATON AUTOSHIFT 3 W/PUSH BUTTON SHIFTER, P. 27

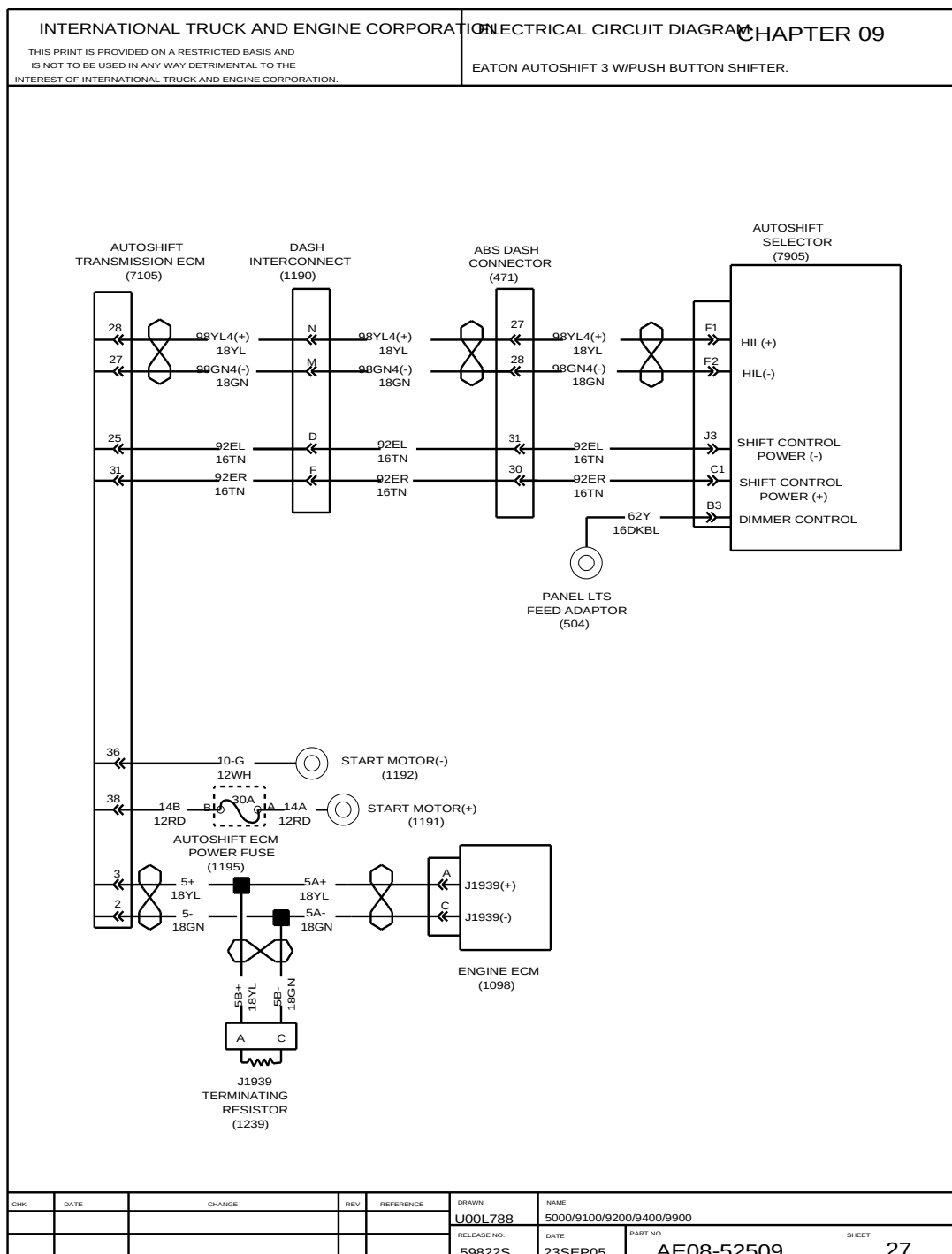


Figure 108 Eaton Autoshift 3 W/Push Button Shifter

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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9.28. EATON AUTOSHIFT 3 W/COBRA SHIFTER, P. 28

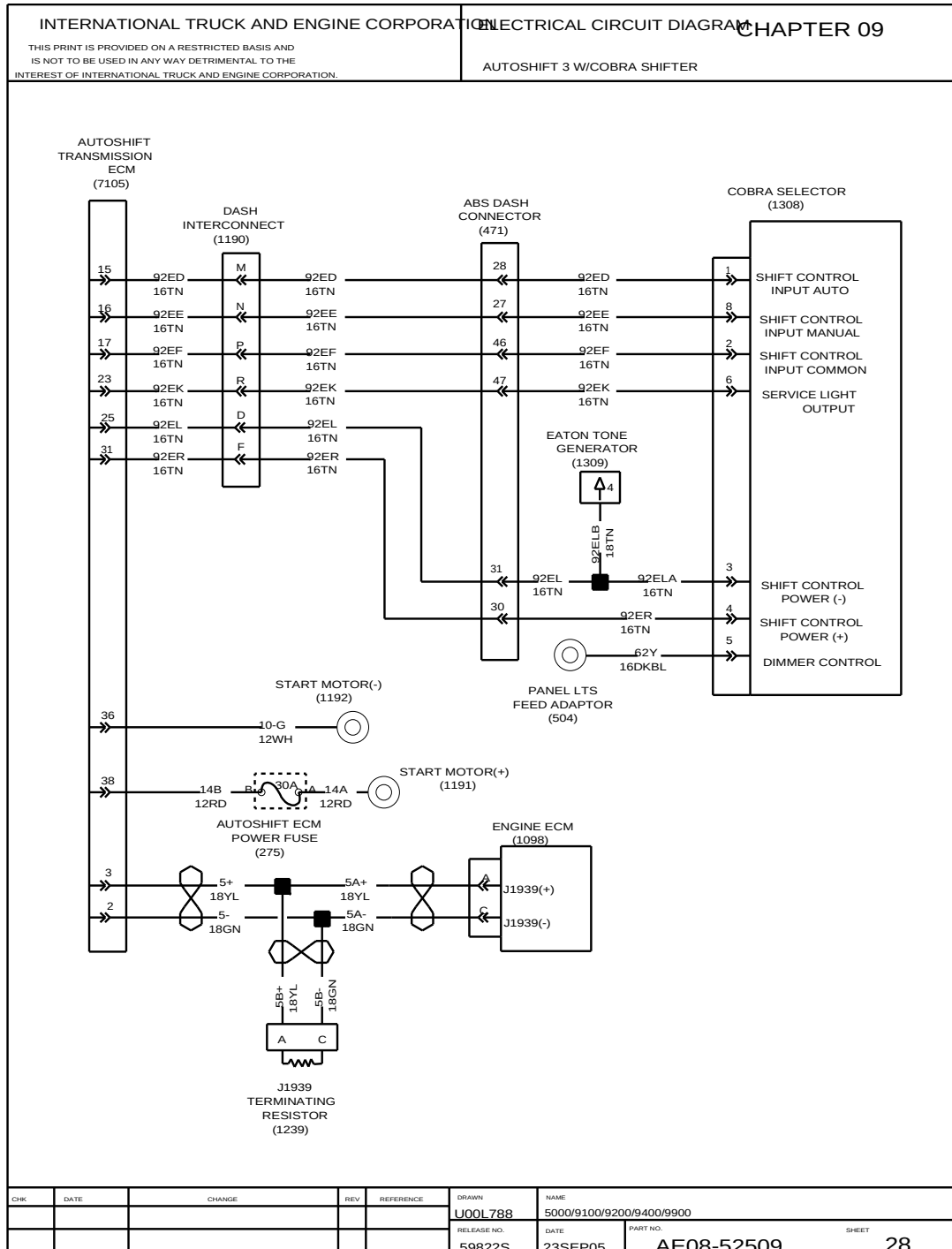


Figure 109 Eaton Autoshift 3 W/Cobra Shifter

10. SLEEPER LIGHTING AND ACCESSORIES (CHAPTER 10)

10.1. AUXILIARY CIRCULATION FAN (LOW ROOF), P. 1

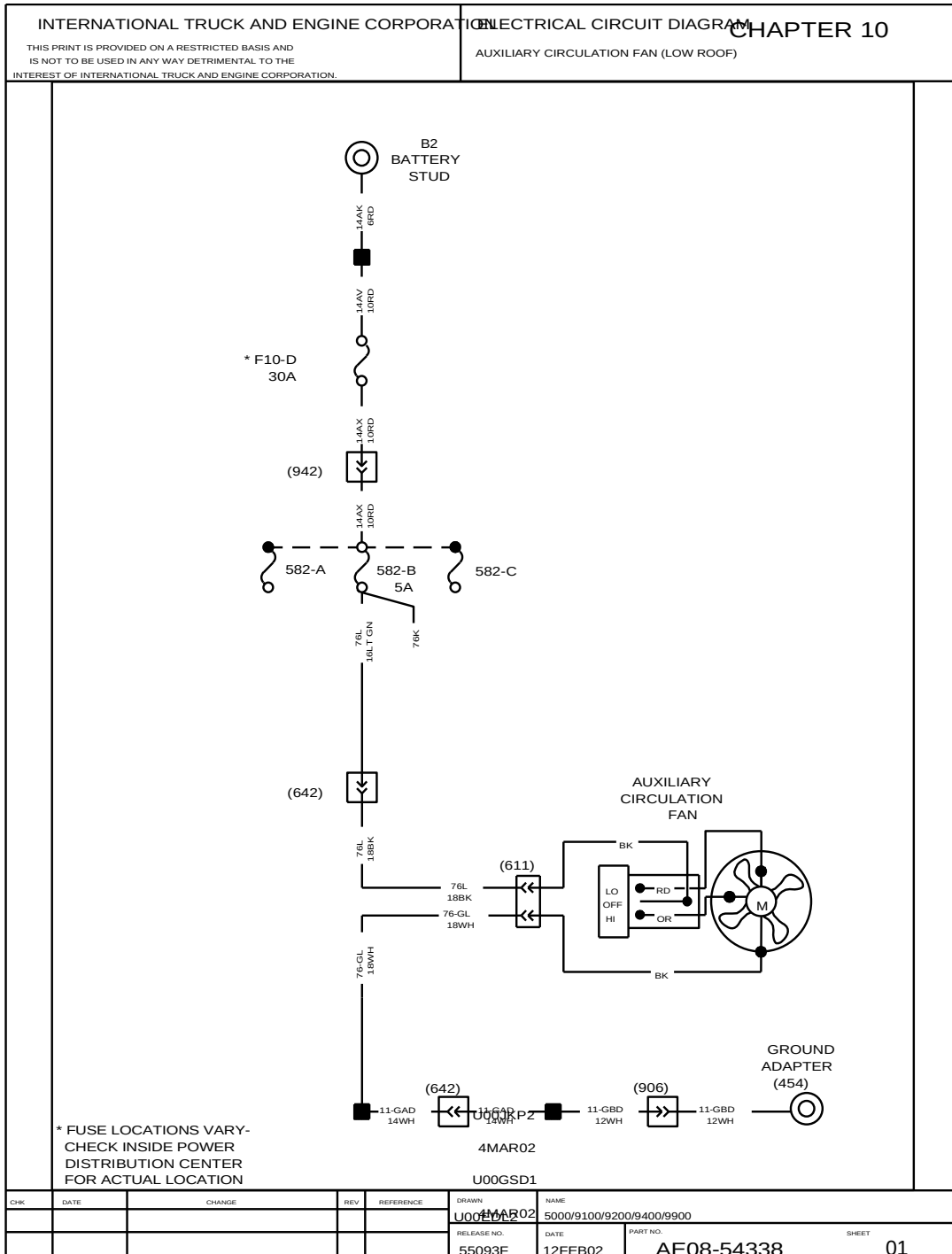


Figure 110 Auxiliary Circulation Fan (Low Roof)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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10.2. AUXILIARY CIRCULATION FAN (HIGH ROOF), P. 2

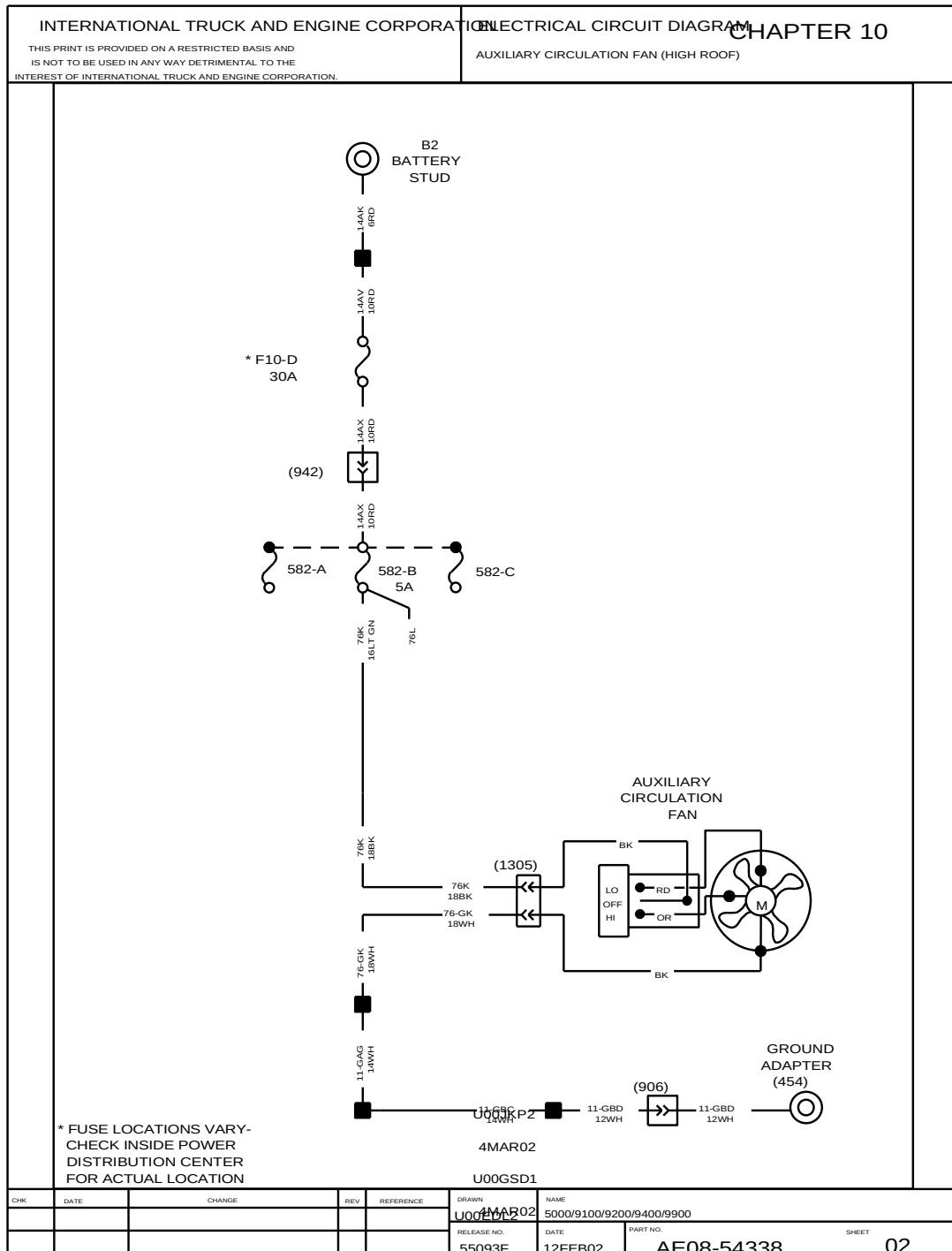


Figure 111 Auxiliary Circulation Fan (High Roof)

10.3. AUXILIARY CIRCULATION FAN (SKYRISE), P. 3

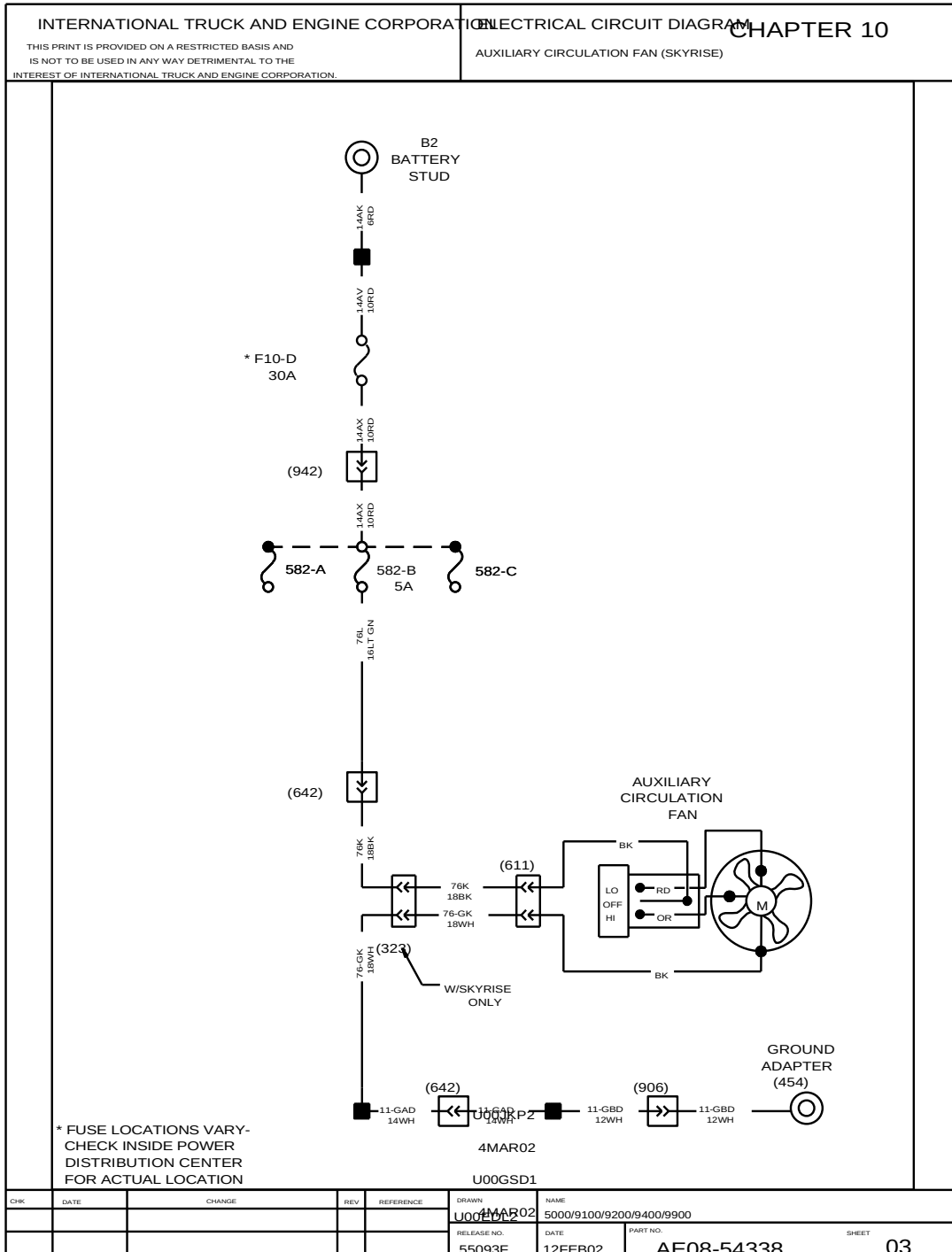


Figure 112 Auxiliary Circulation Fan (Skyrise)

10.5. BUNK SPEAKERS, P. 5

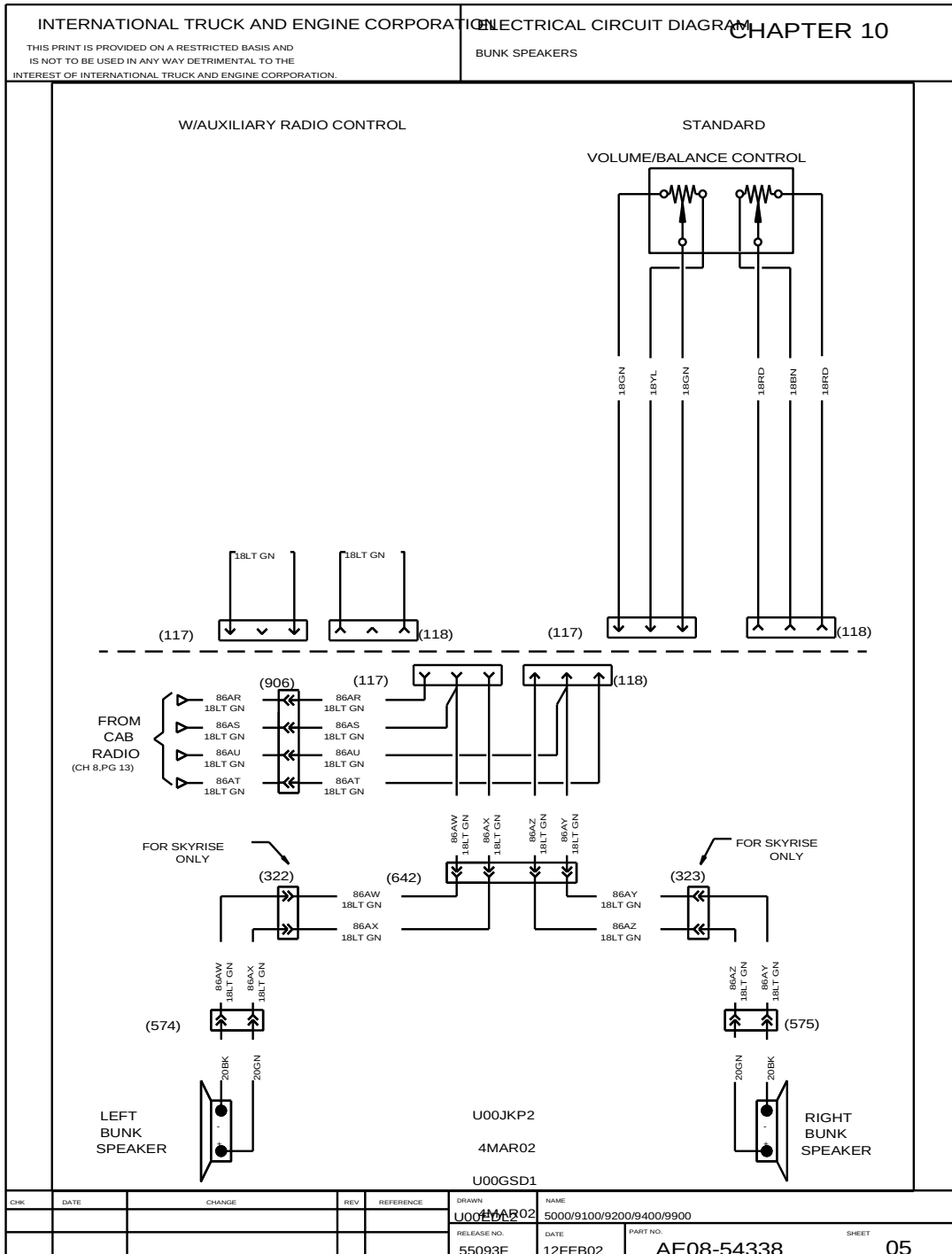


Figure 114 Bunk Speakers

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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10.6. LUGGAGE COMPARTMENT LIGHTS, P. 6

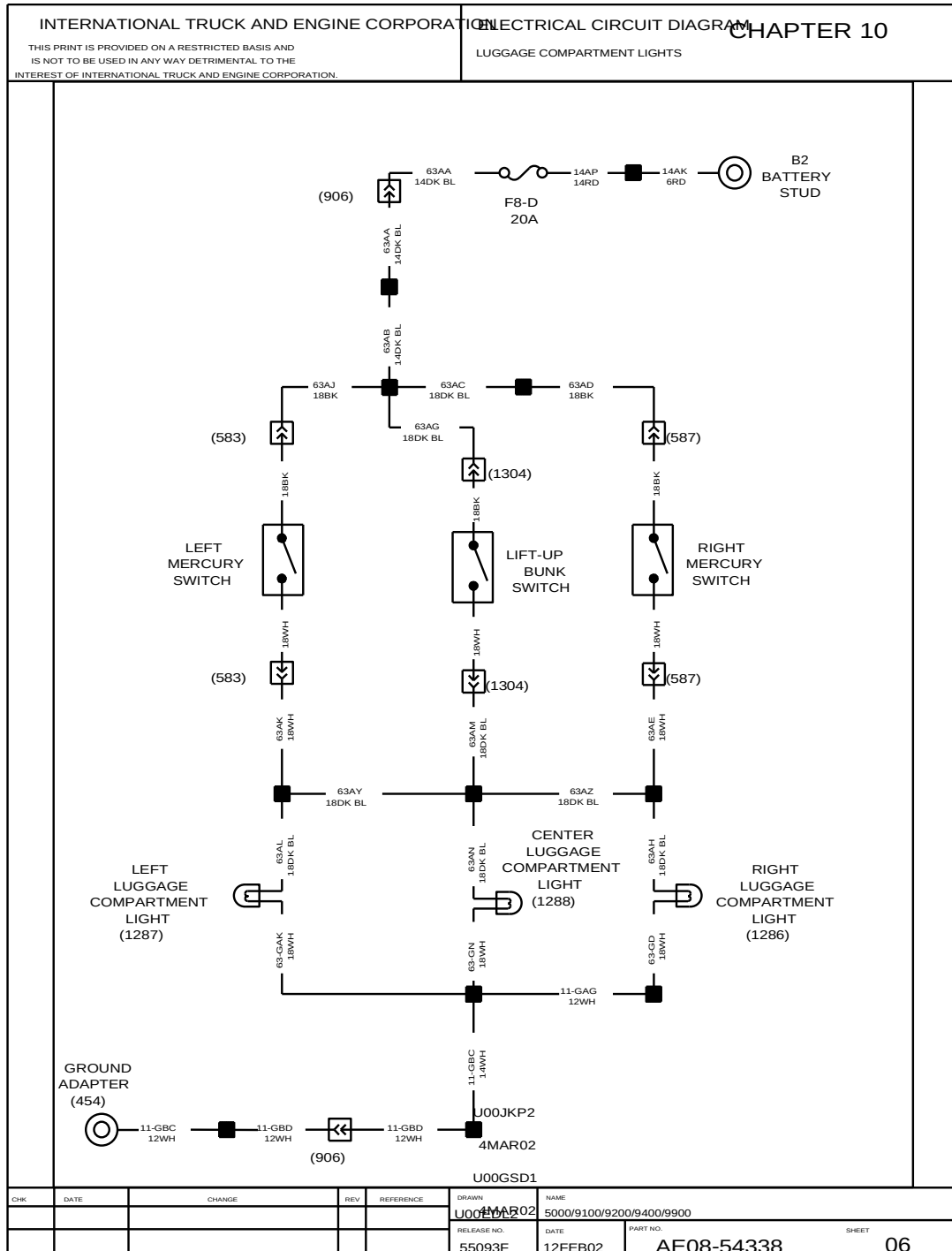


Figure 115 Luggage Compartment Lights

10.7. POWER SOURCE, P. 7

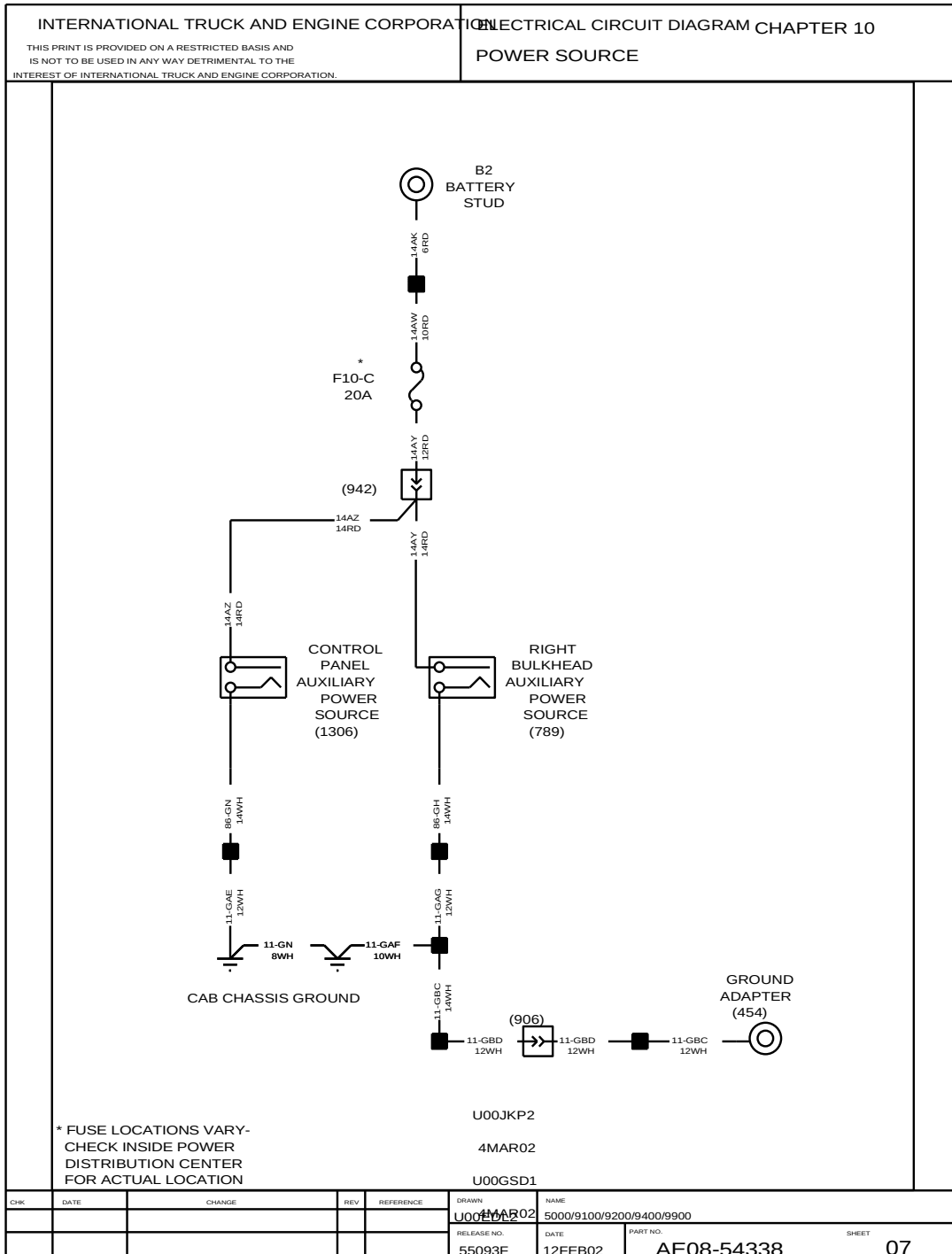


Figure 116 Power Source

10.8. REFRIGERATOR WIRING, P. 8

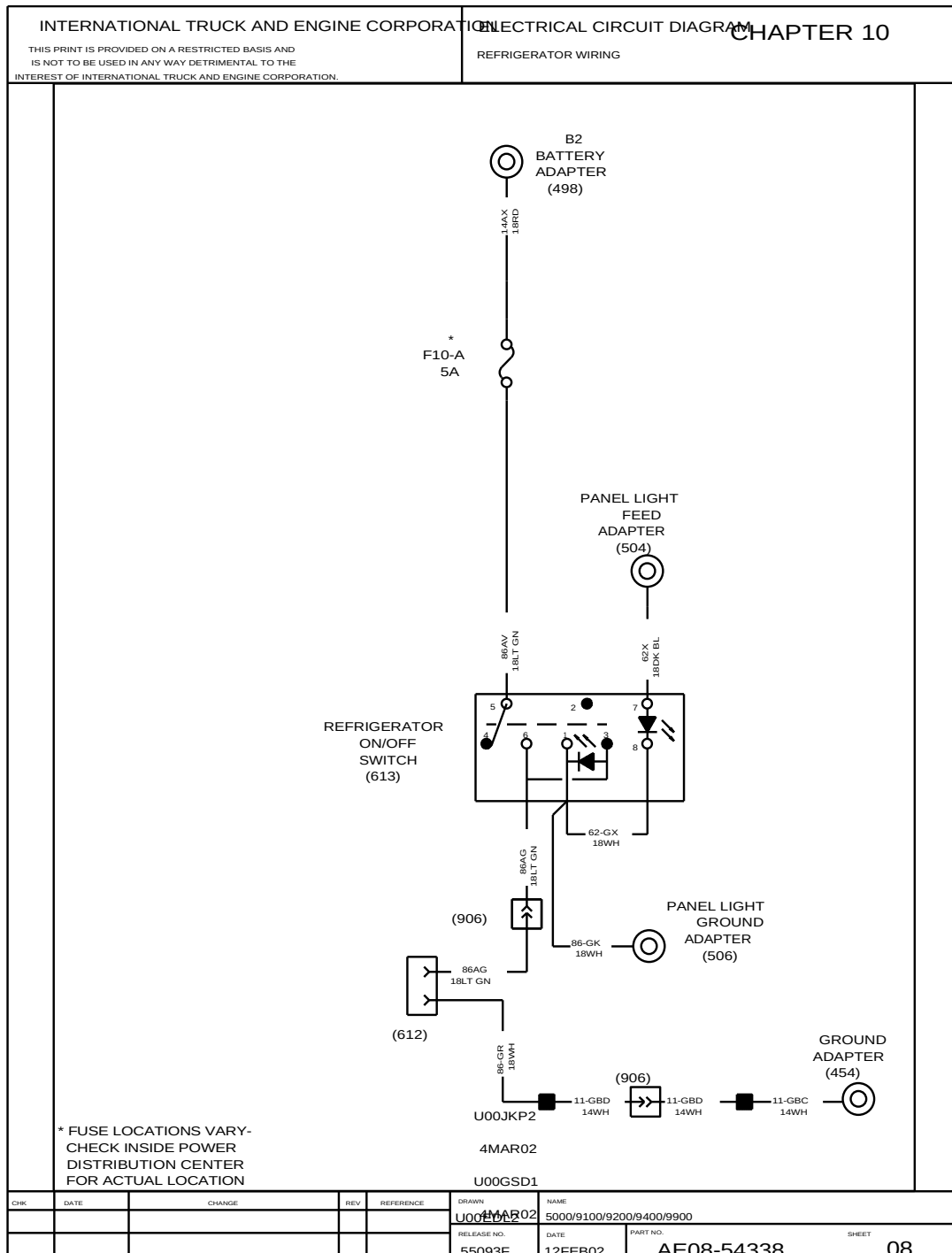


Figure 117 Refrigerator Wiring

10.9. TV/VCR WIRING, P. 9

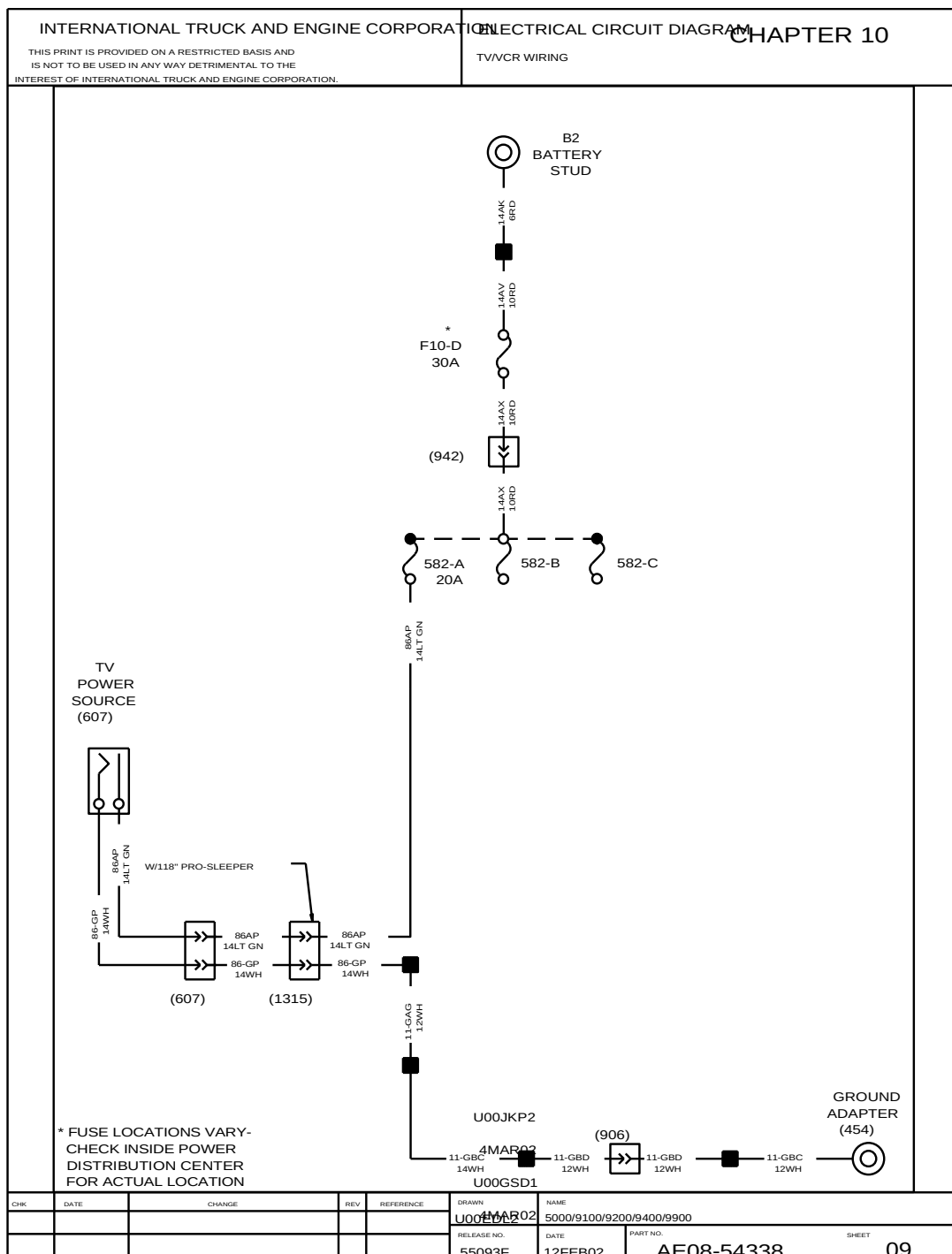


Figure 118 TV/VCR Wiring

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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10.10. OVERHEAD CABINETS, ACCENT LIGHTS, P. 10

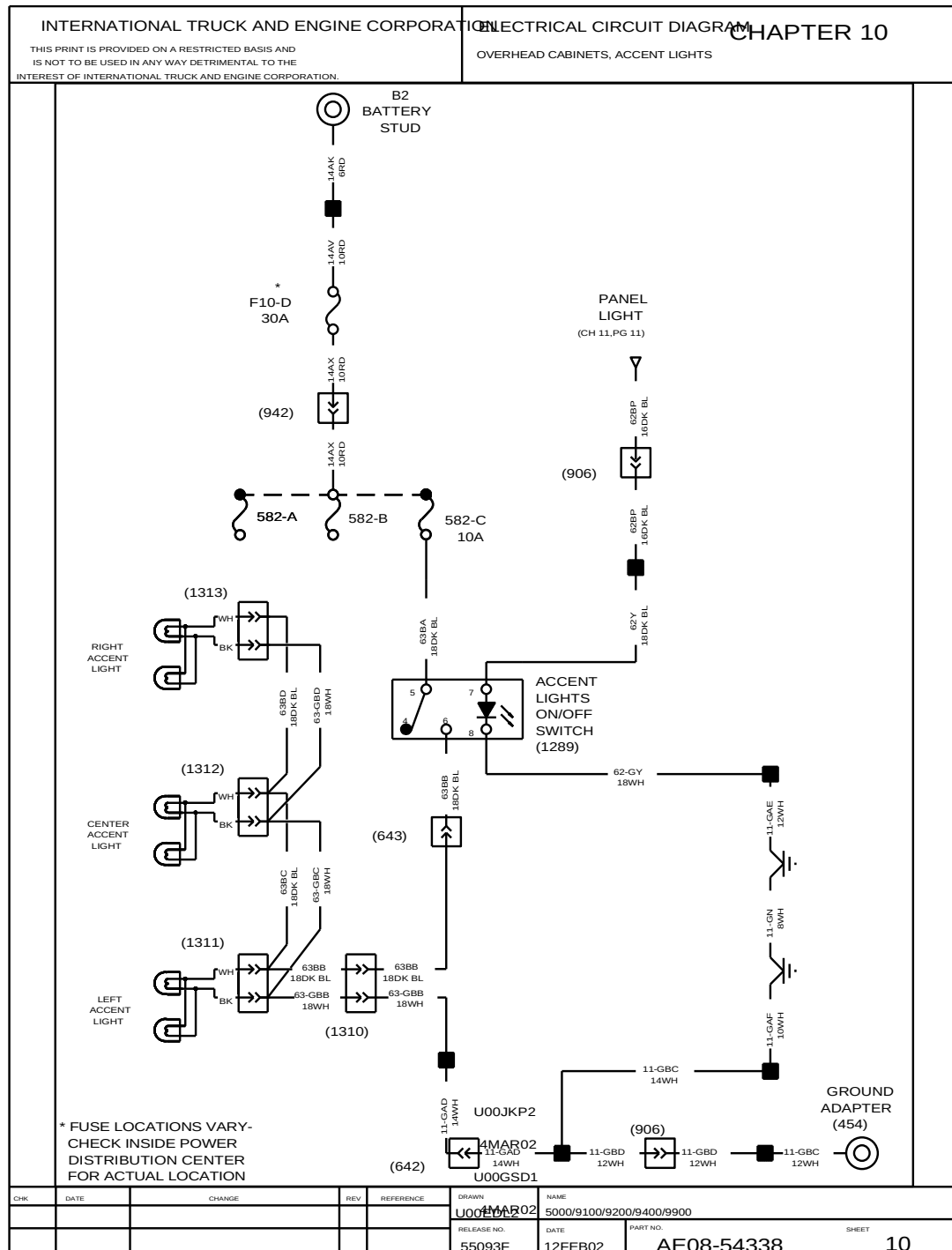


Figure 119 Overhead Cabinets, Accent Lights

10.11. OPTIONAL SLEEPER MOUNTED RADIO CONTROLS, P. 11

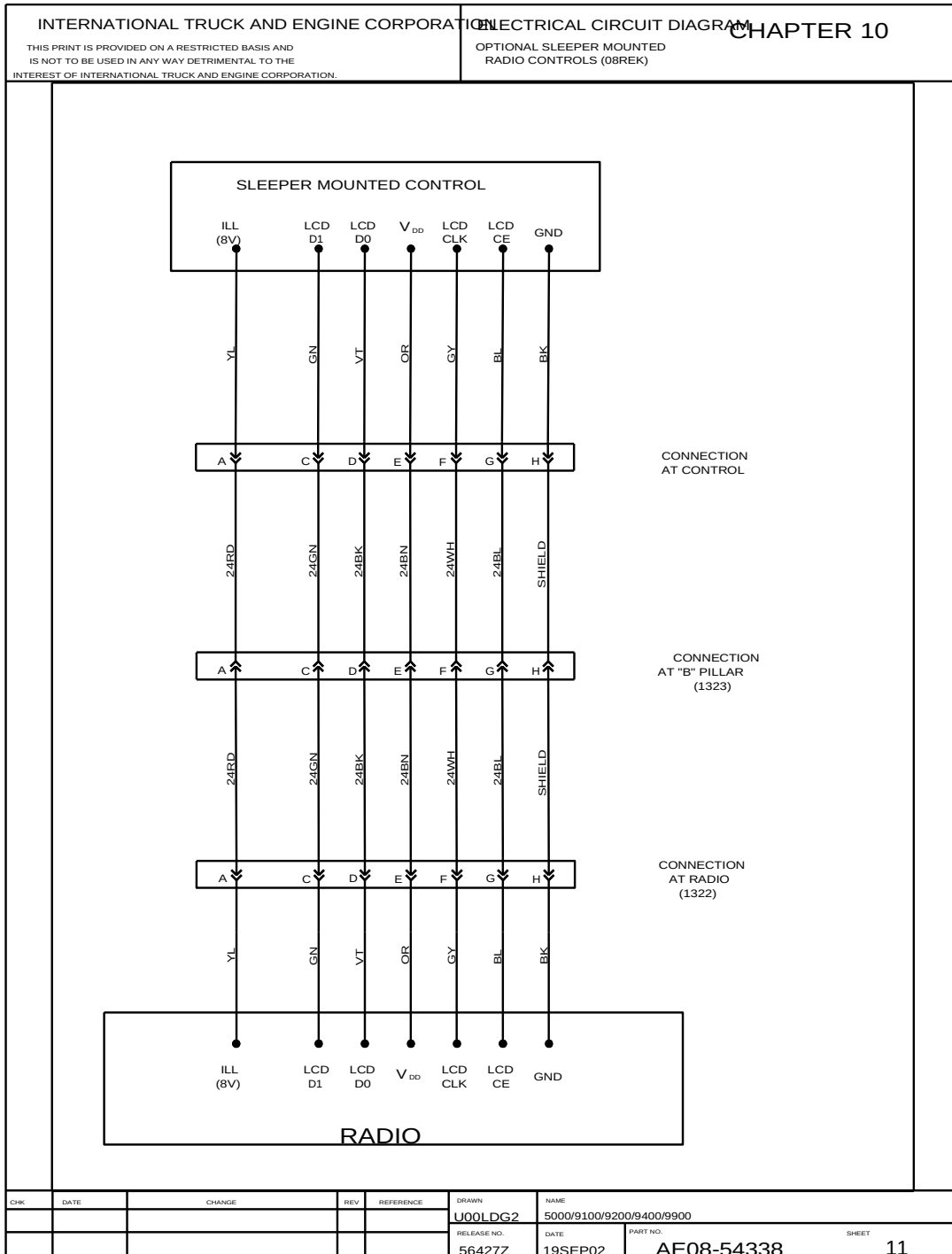


Figure 120 Optional Sleeper Mounted Radio Controls

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

121

10.12. SHORE POWER WIRING (08WET) NOT WITH INVERTER, P. 12

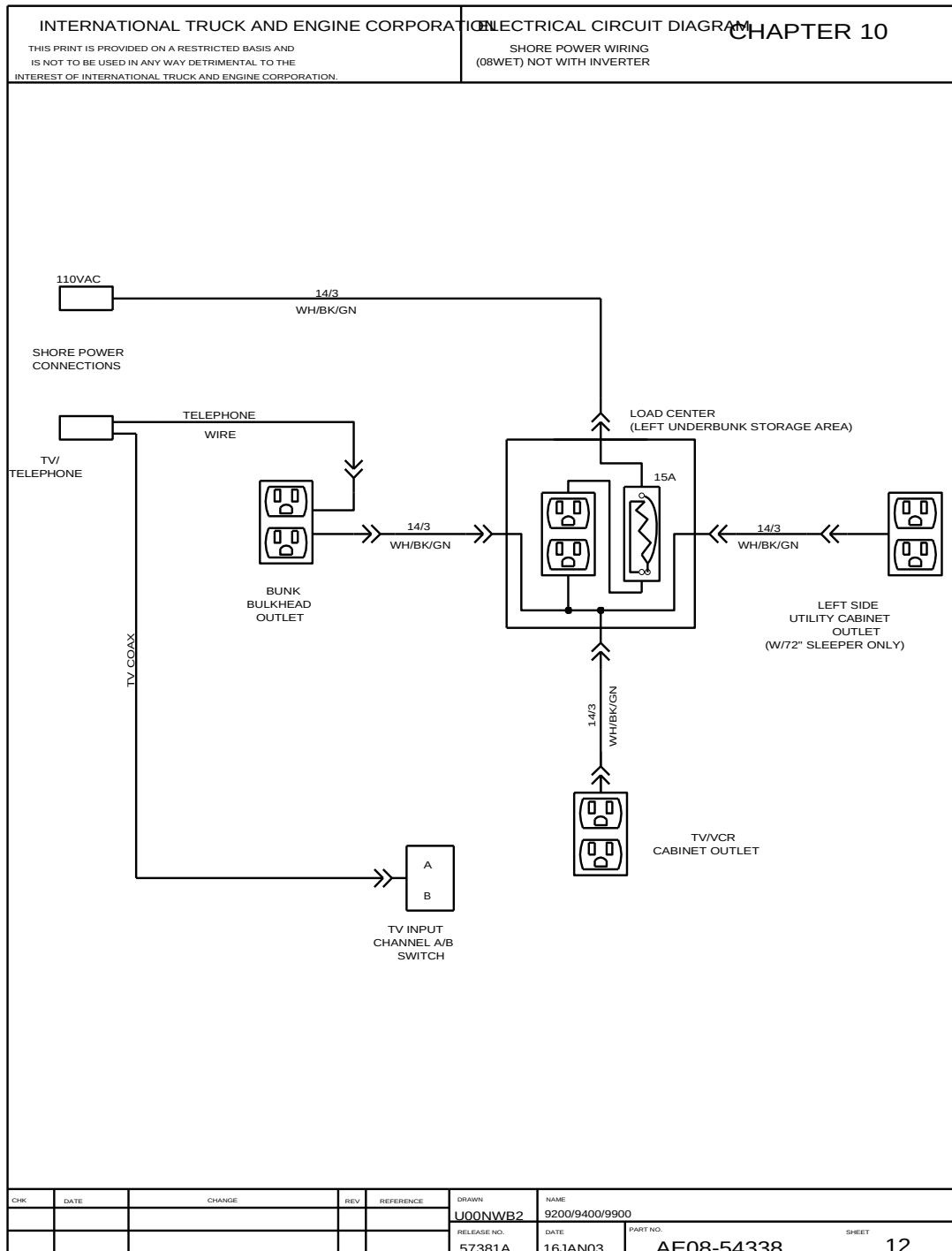


Figure 121 Shore Power Wiring (08WET) Not With Inverter

11. LIGHT SYSTEMS (CHAPTER 11)

11.1. BACK-UP LIGHTS, P. 1

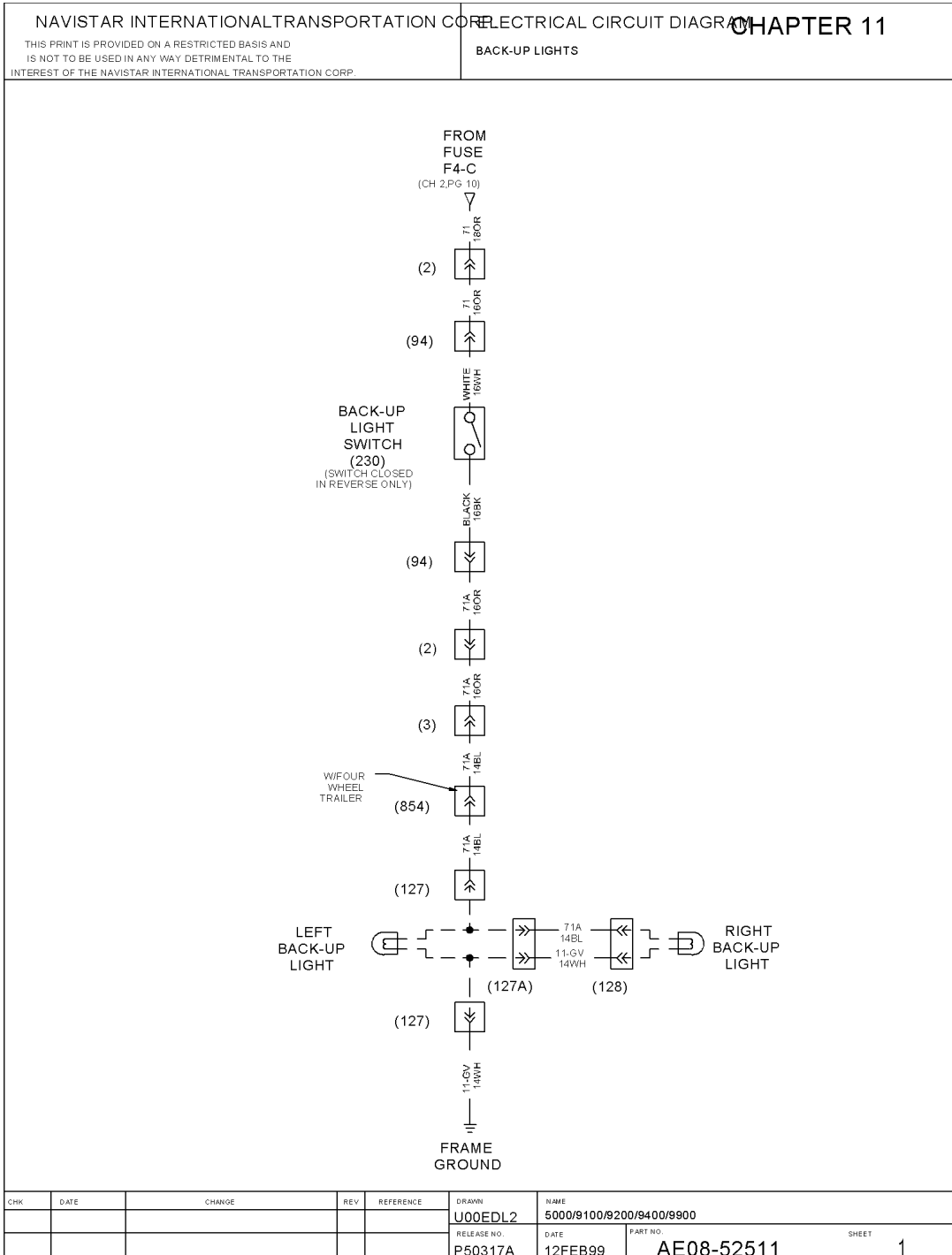


Figure 123 Back-Up Lights

11.2. CAB AND TRAILER LIGHTS SWITCH AND RELAYS WIRING, P. 2

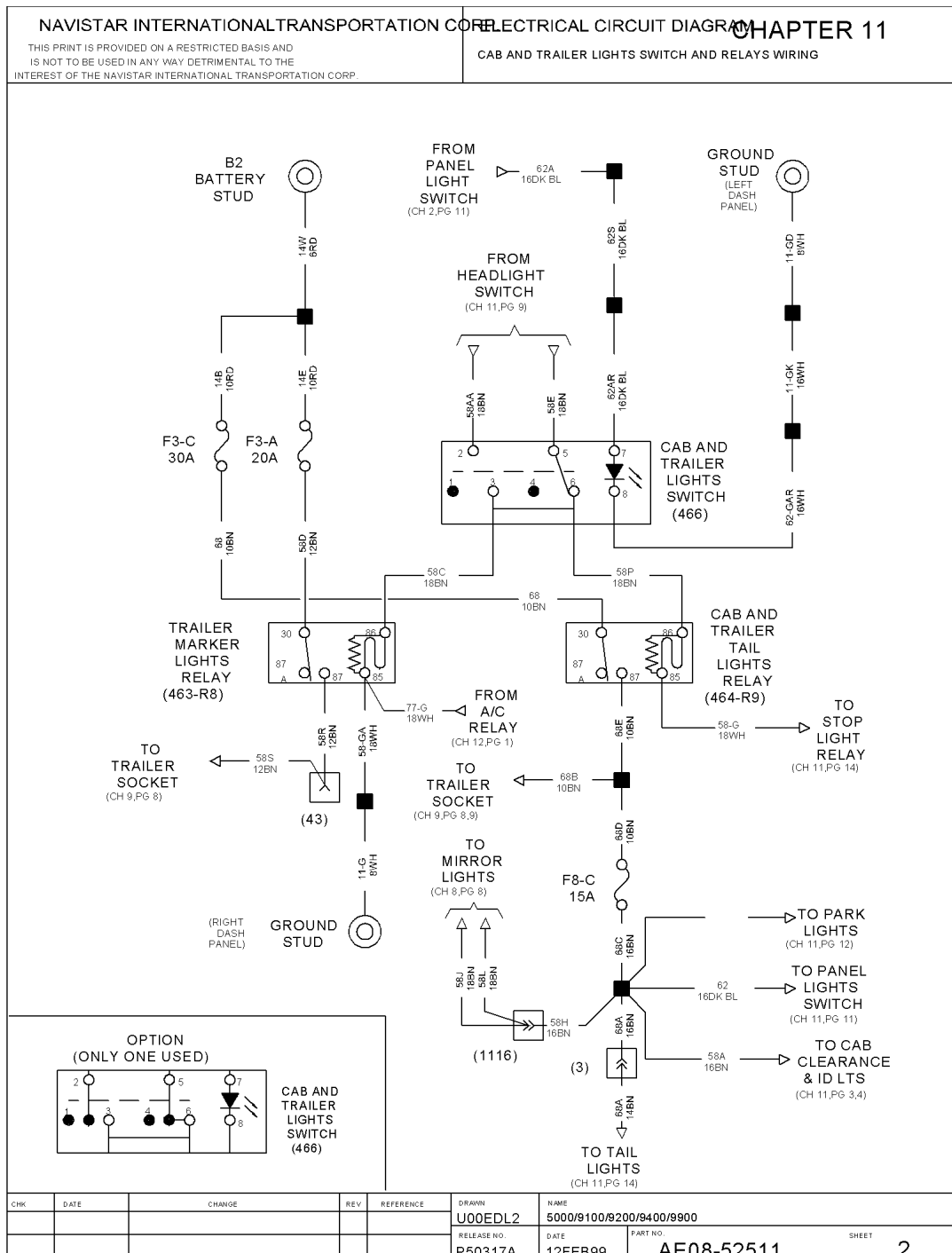


Figure 124 Cab and Trailer Lights Switch and Relays Wiring

11.4. WORK LIGHT N/SLEEPER, P. 4

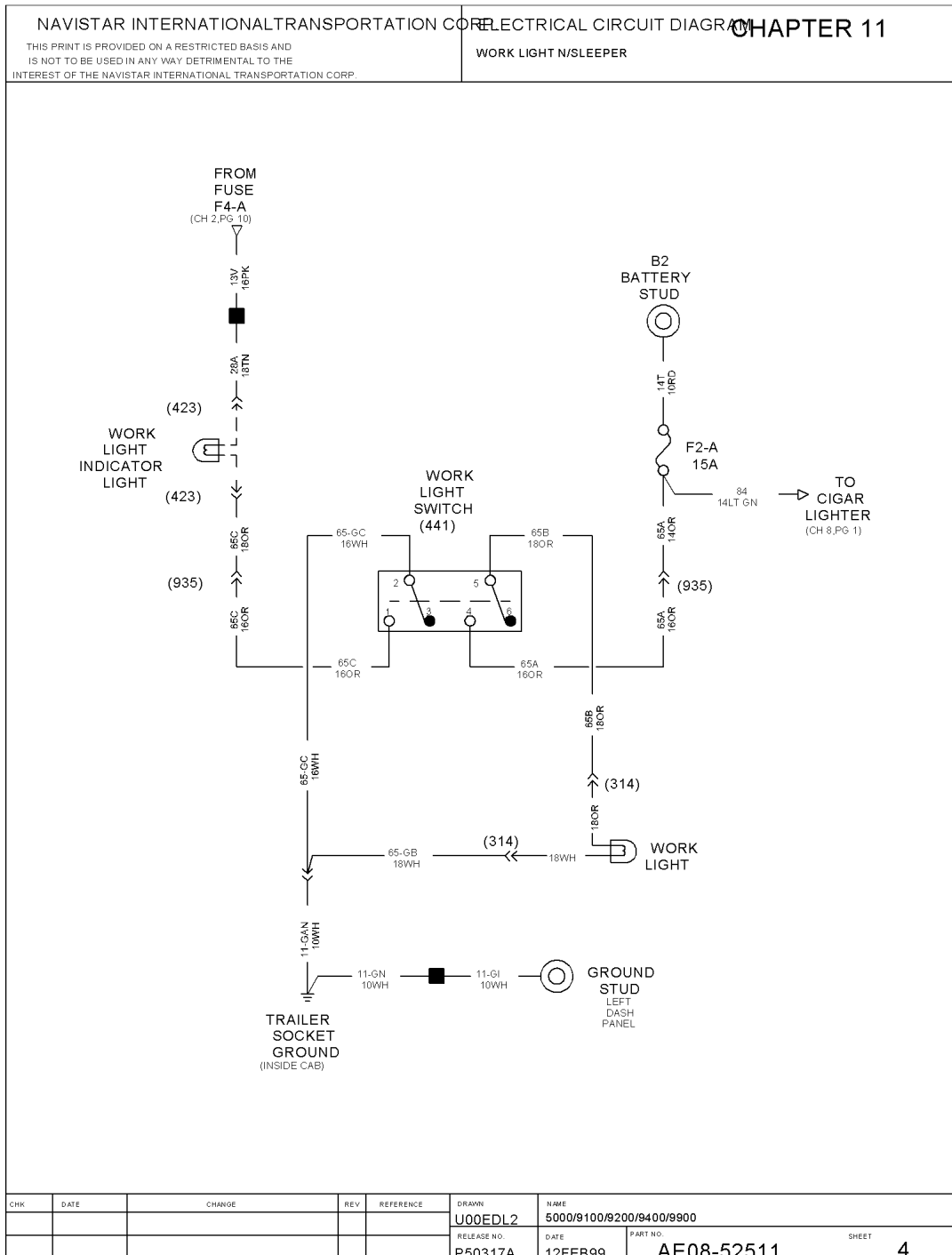


Figure 126 Work Light N/Sleeper

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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11.5. CAB DOME, READING AND COURTESY LIGHTS N/SKYRISE, P. 5

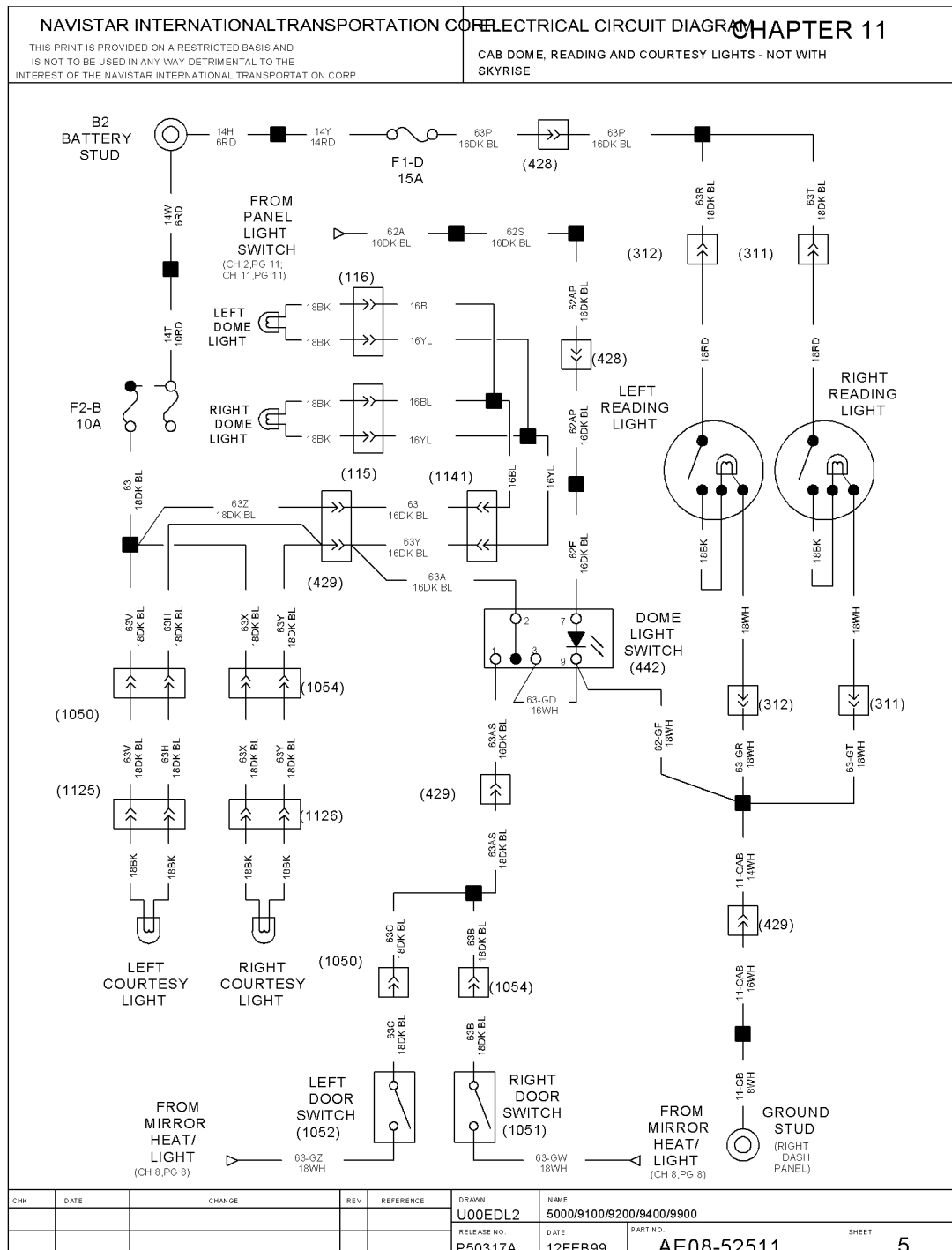


Figure 127 Cab Dome, Reading and Courtesy Lights N/Skyrise

11.6. CAB DOME, READING AND COURTESY LIGHTS W/SKYRISE, P. 6

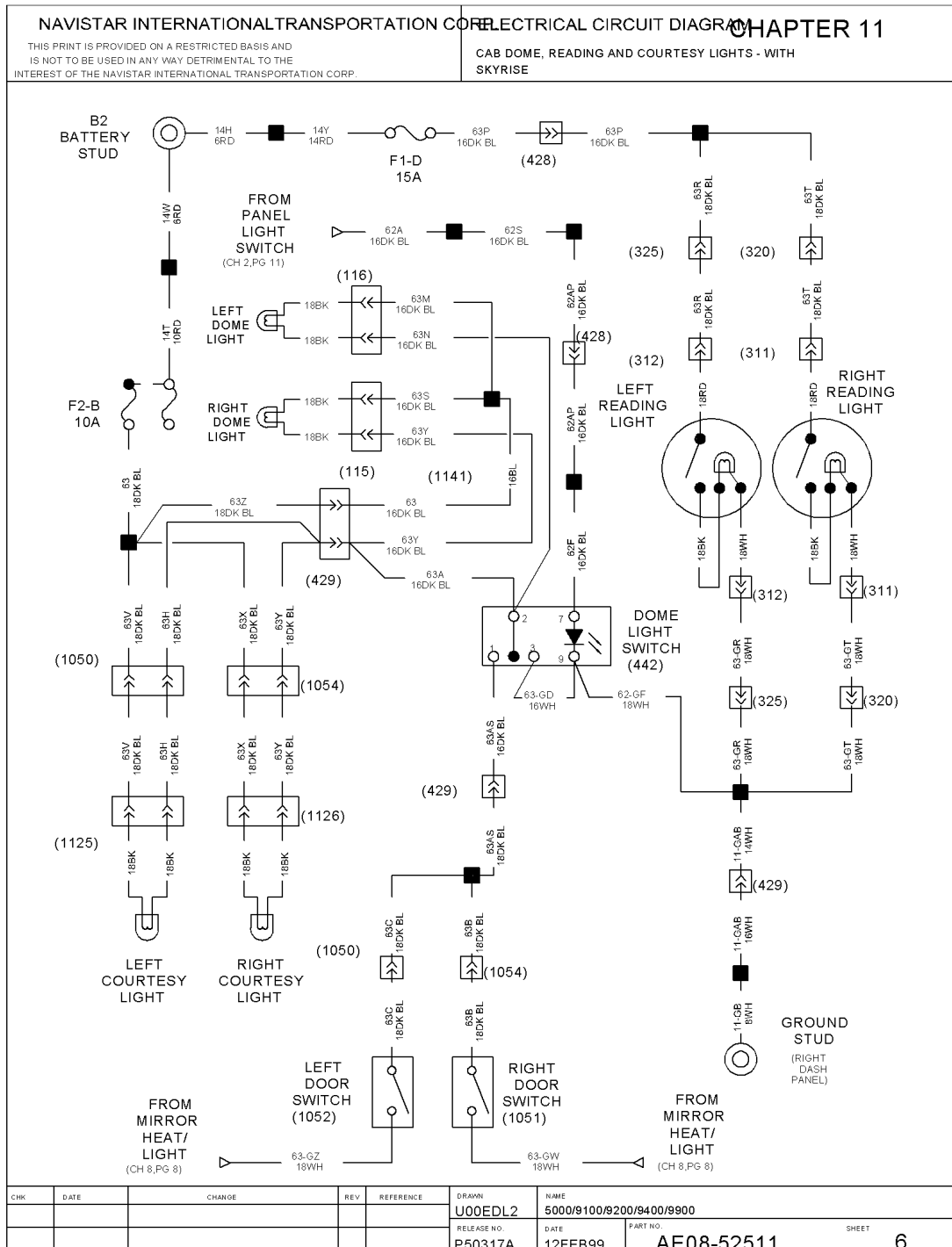


Figure 128 Cab Dome, Reading and Courtesy Lights W/Skyrise

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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11.7. DAYTIME RUNNING LIGHTS (DRL) — USA, P. 7

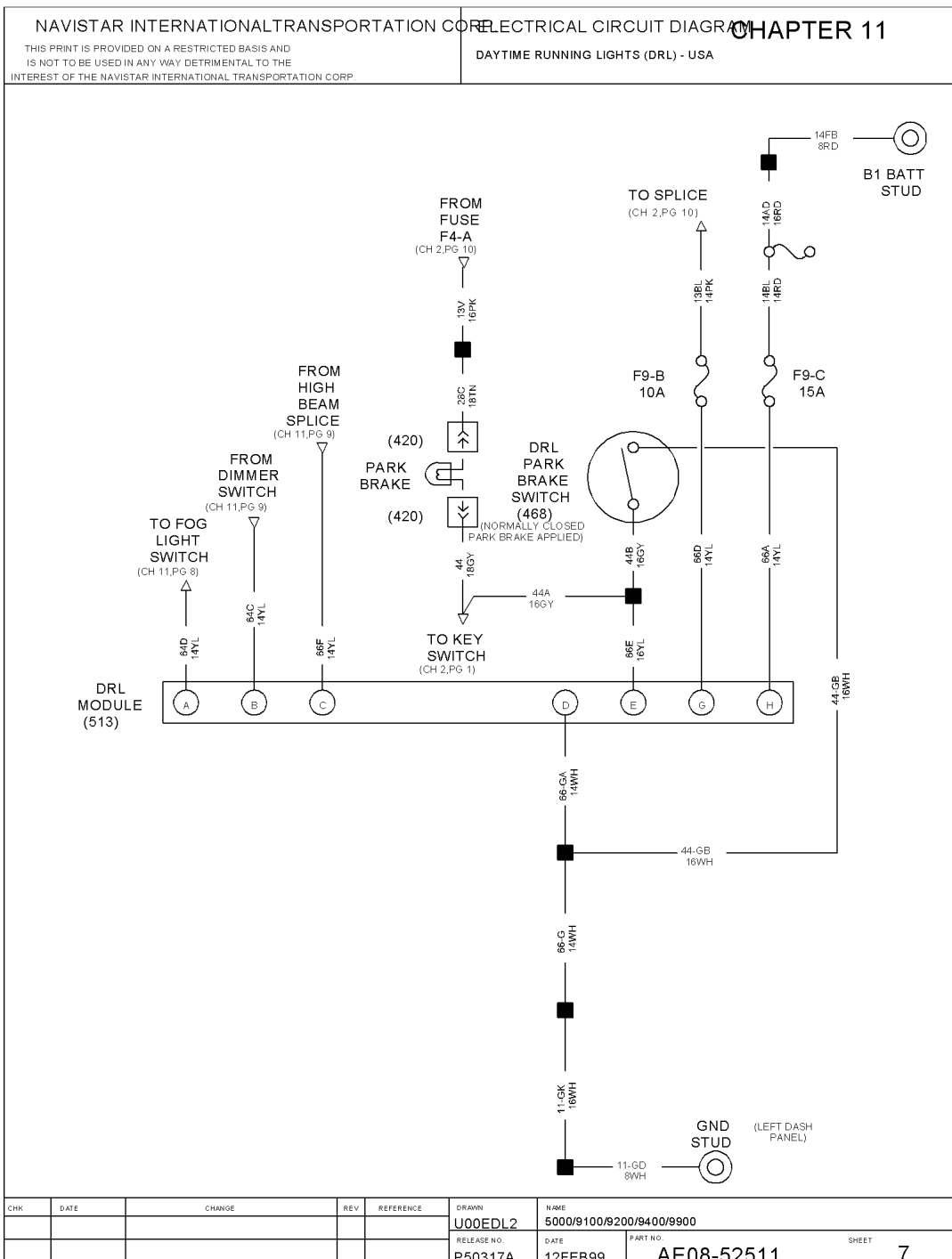


Figure 129 Daytime Running Lights (DRL) — USA

11.8. FOGLIGHTS — CAB/FRONT END EFFECTS, P. 8

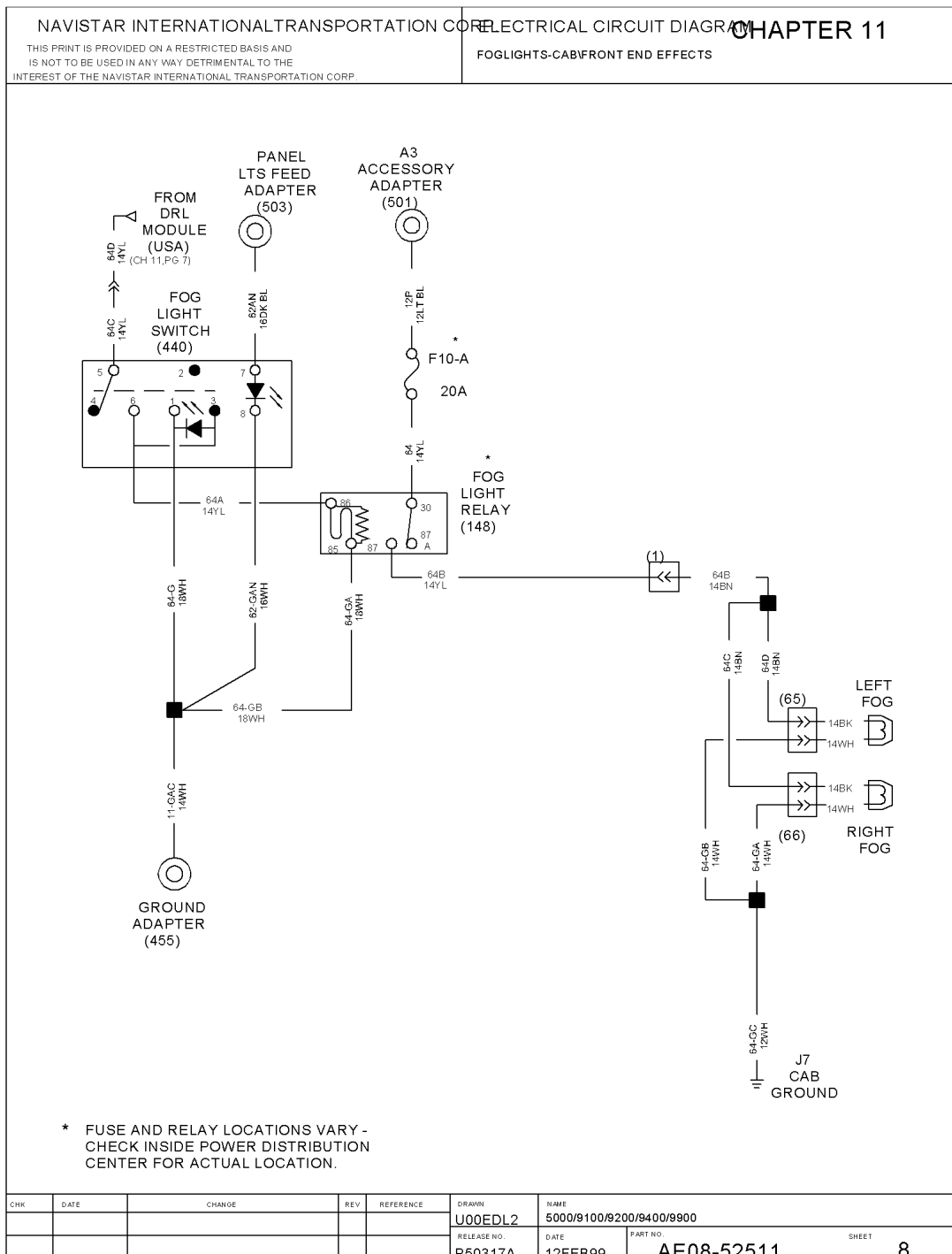
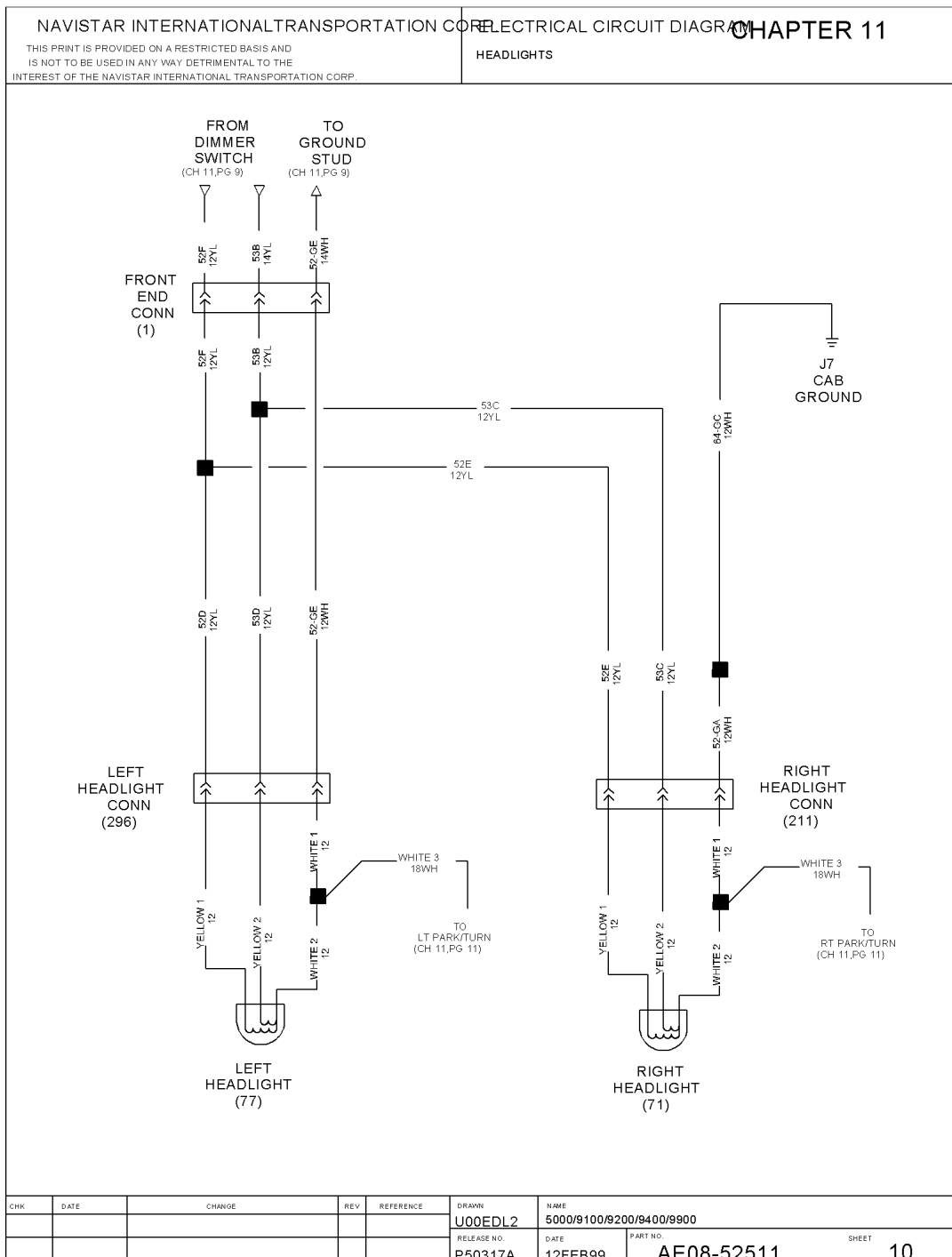


Figure 130 Foglights — Cab/Front End Effects

11.10. HEADLIGHTS, P. 10

Figure 132 Headlights

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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11.11. PANEL LIGHTS, P. 11

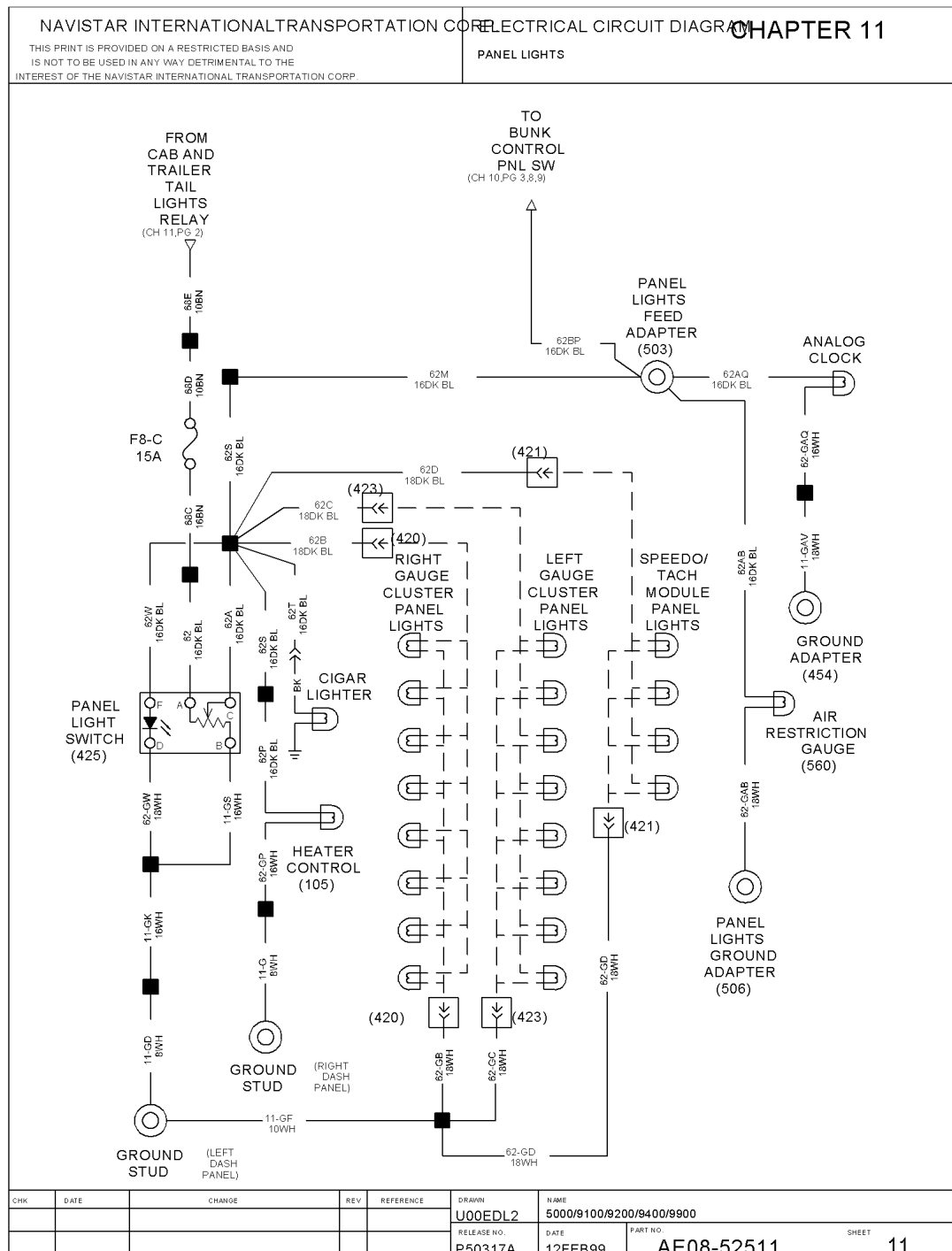


Figure 133 Panel Lights

11.12. PARK/TURN/SIDE MARKER LIGHTS — WITH DRL, P. 12

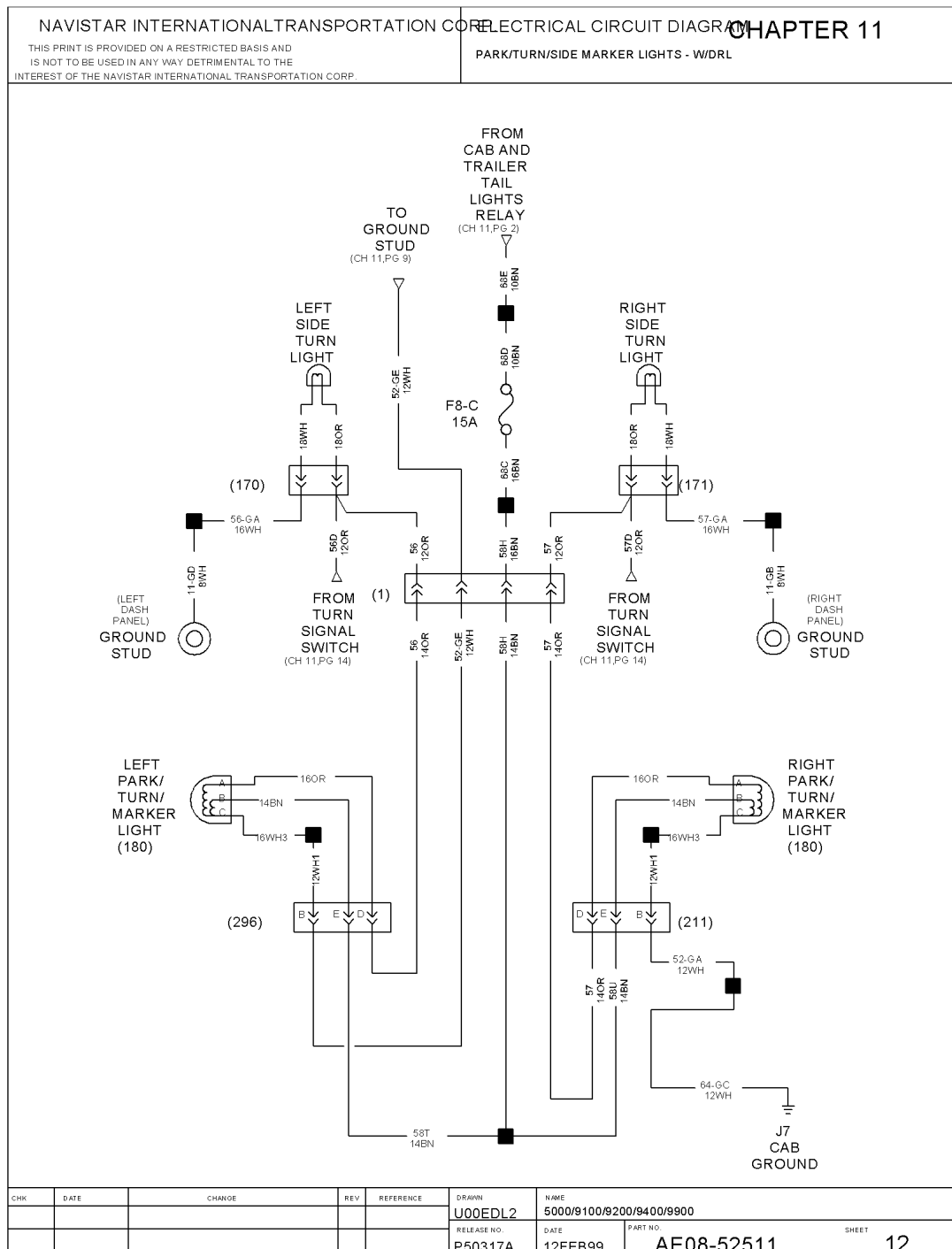


Figure 134 Park/Turn/Side Marker Lights — With DRL

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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11.13. SPOTLIGHT, P. 13

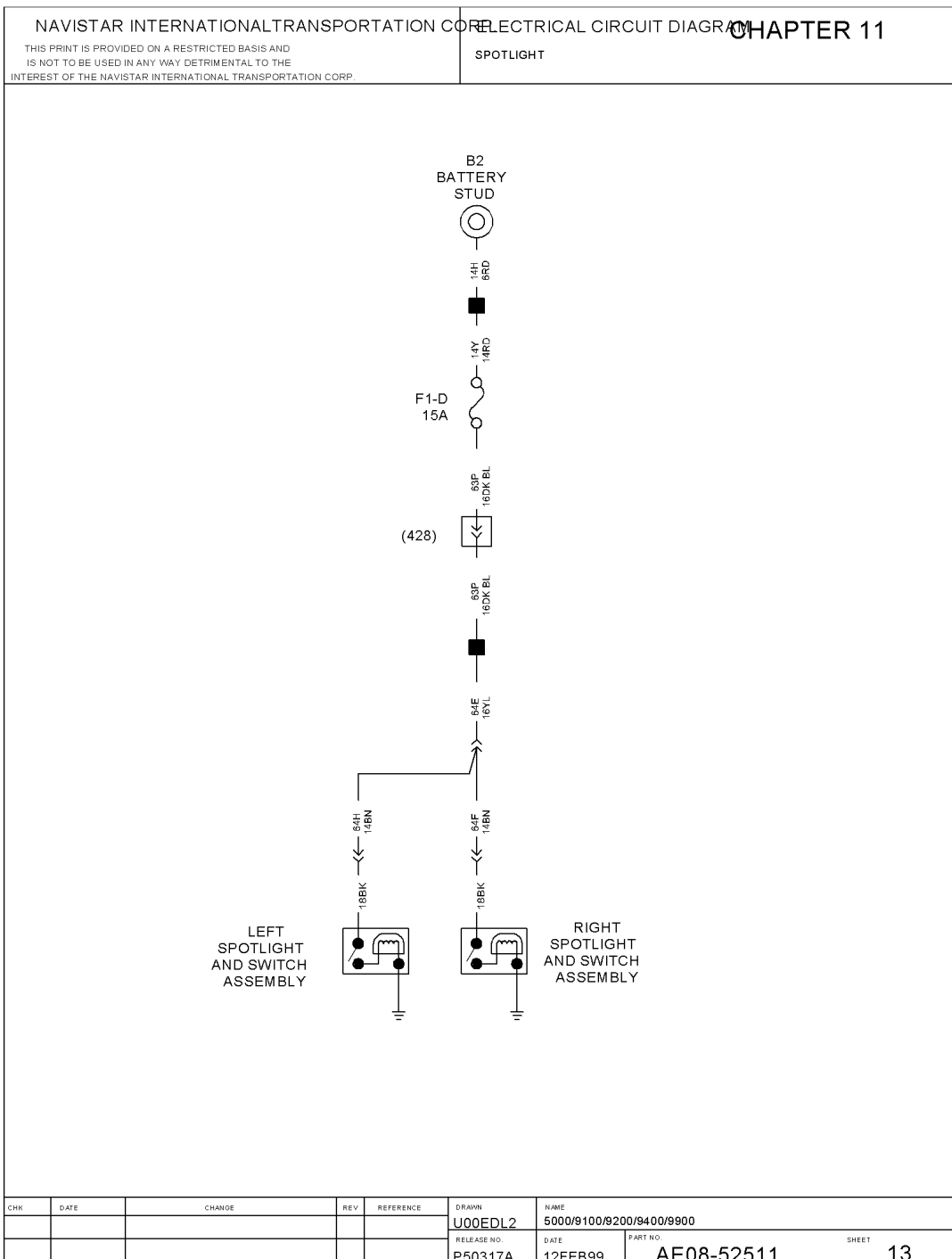


Figure 135 Spotlight

11.14. STOP, TAIL, TURN AND HAZARD SIGNAL LIGHTS WITH FLASHER, P. 14

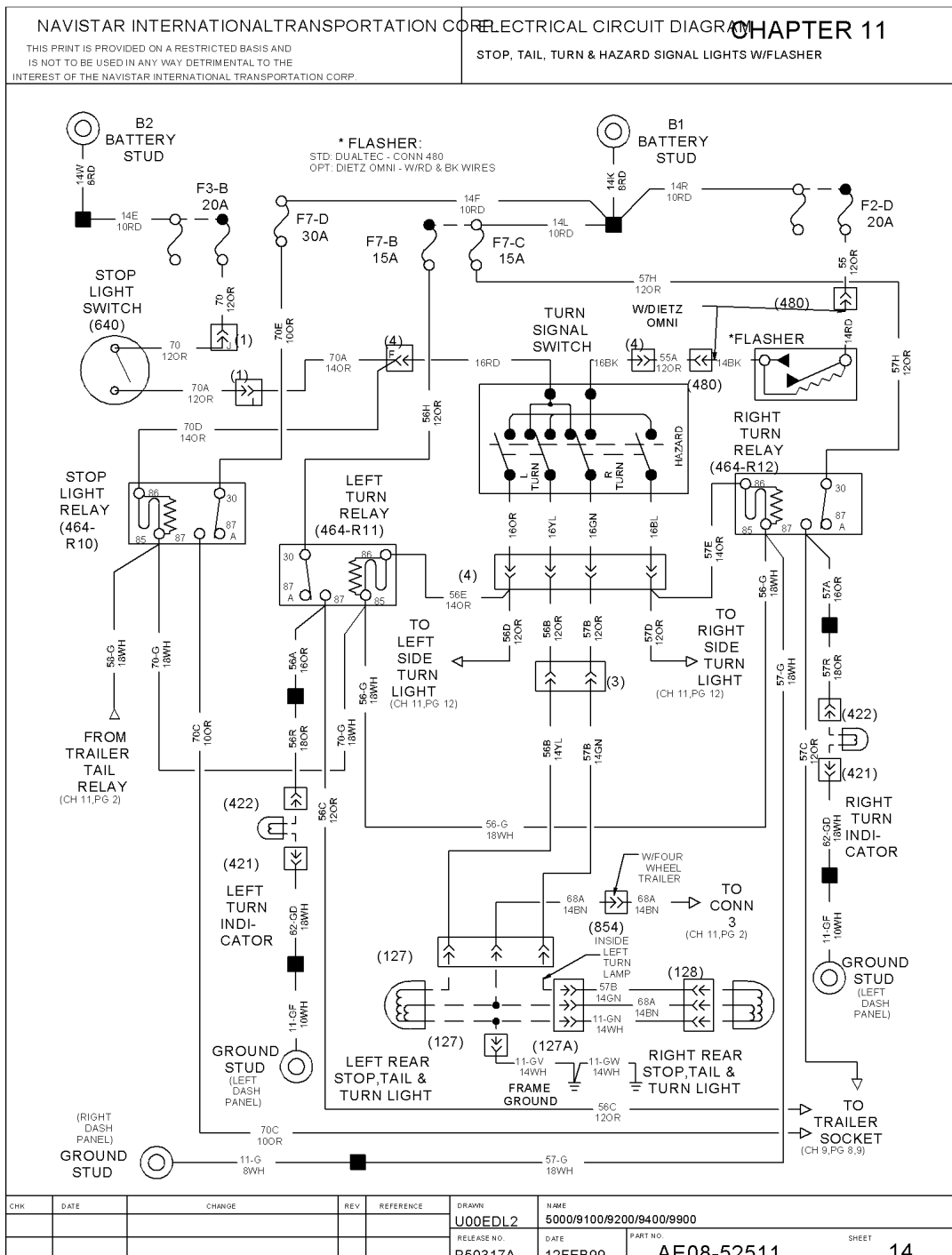


Figure 136 Stop, Tail, Turn and Hazard Signal Lights With Flasher

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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11.15. WORK LIGHT W/SLEEPER, P. 15

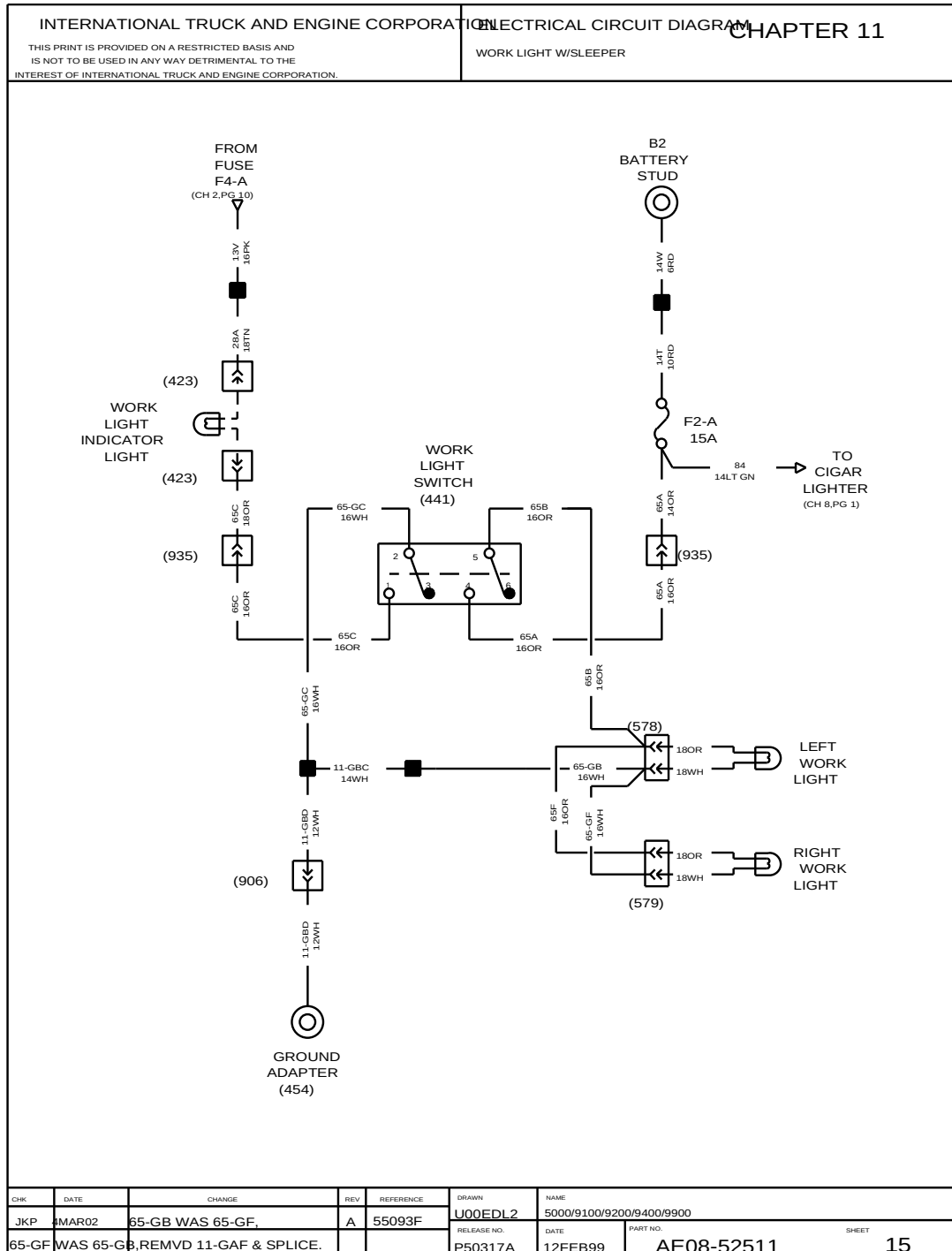


Figure 137 Work Light W/Sleeper

12. HEATER AND AIR CONDITIONER (CHAPTER 12)

12.1. AIR CONDITIONER — CAB, P. 1

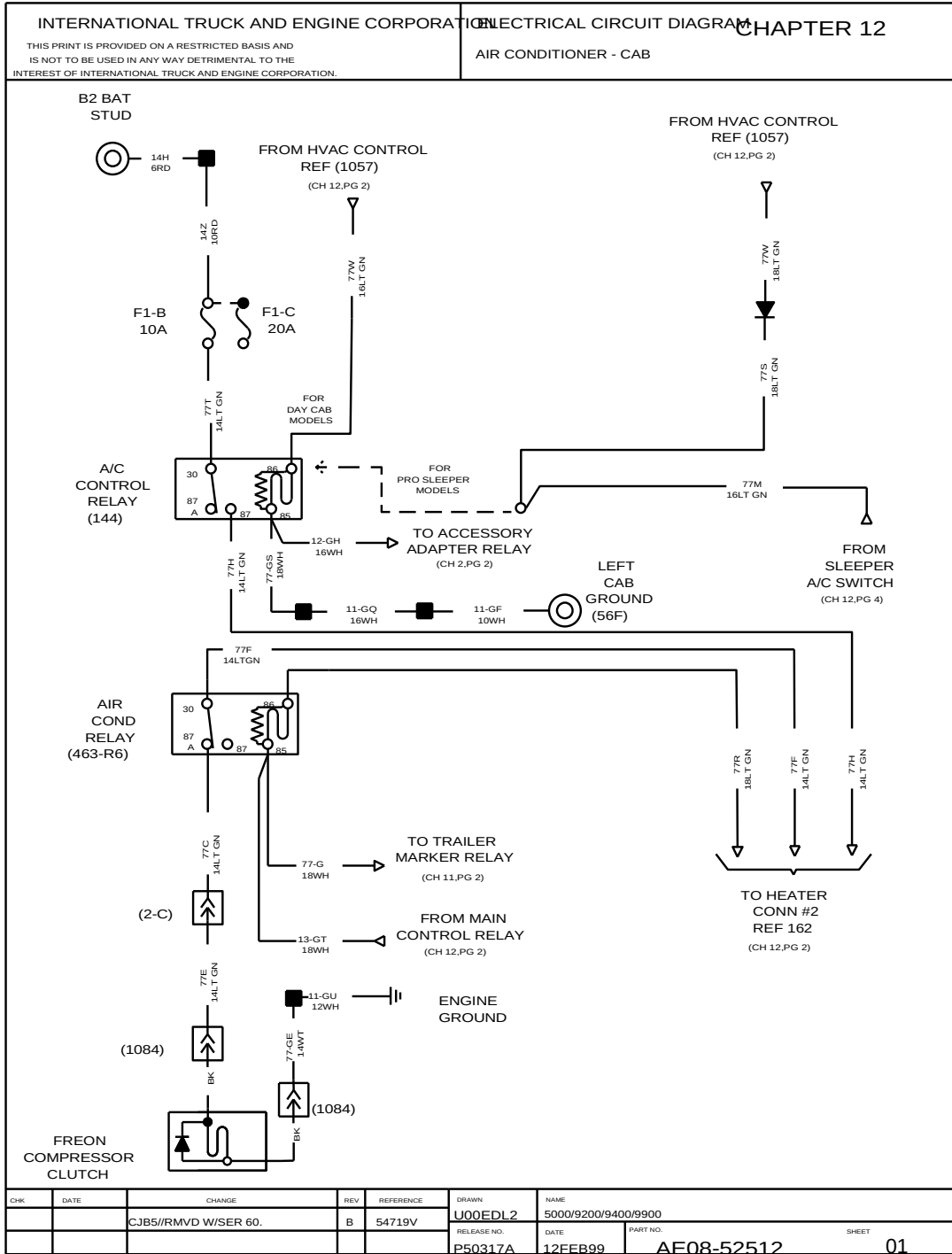


Figure 138 Air Conditioner — Cab

12.3. HEATER — BUNK AUXILIARY BLOWER, P. 3

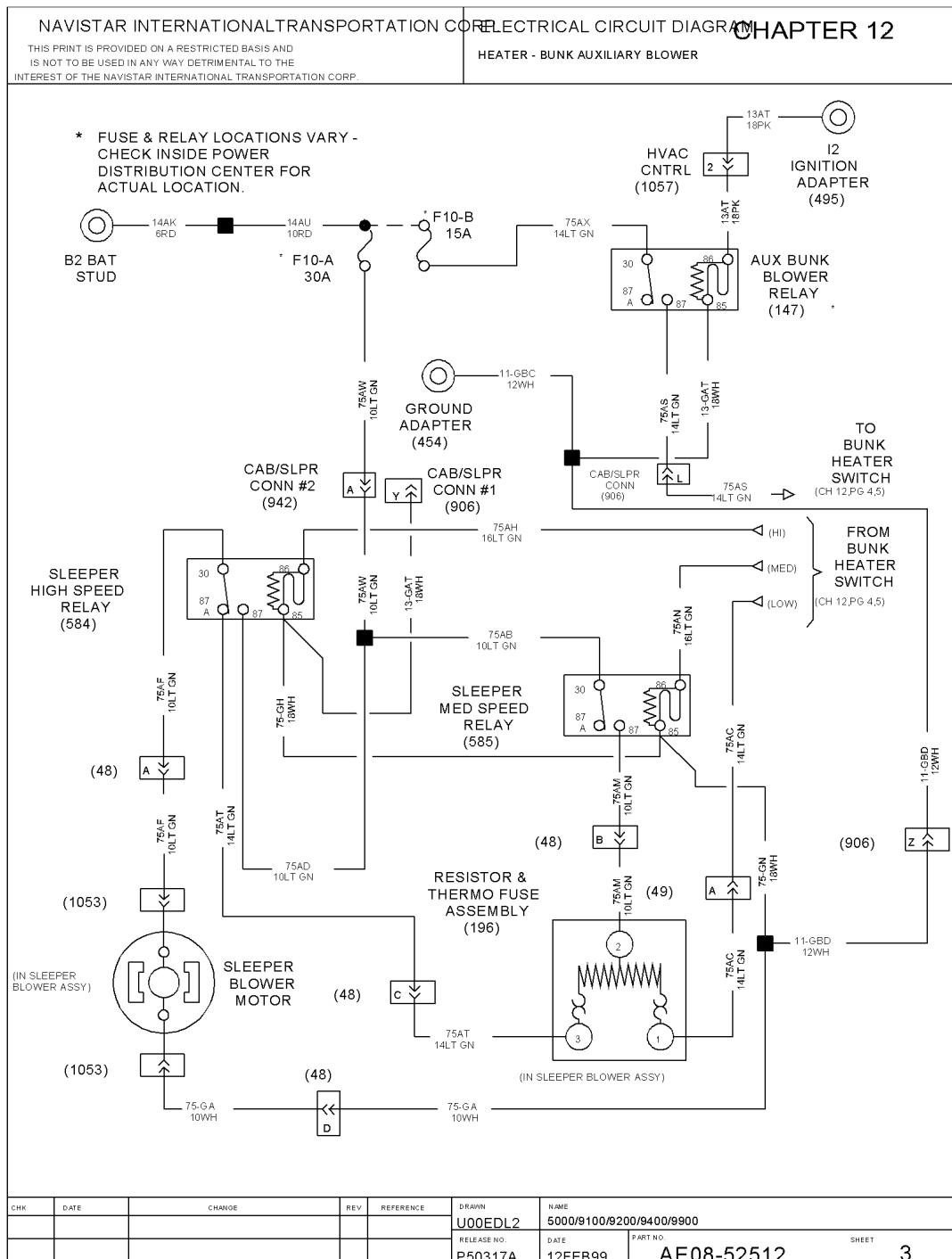


Figure 140 Heater — Bunk Auxiliary Blower

12.4. HEATER — BUNK W/STANDARD TEMPERATURE CONTROL, P. 4

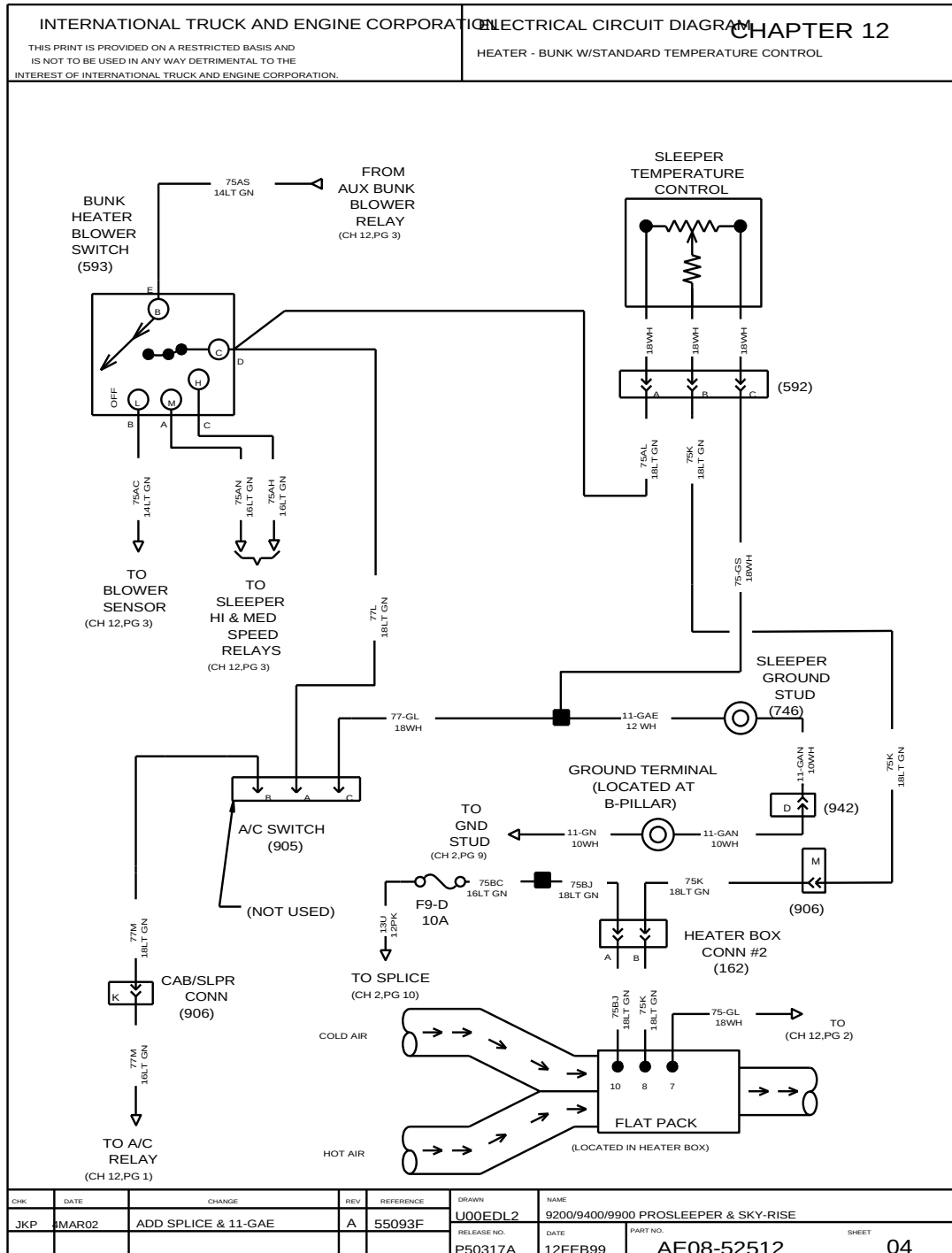


Figure 141 Heater — Bunk W/Standard Temperature Control

12.7. AUX HEATER, P. 7

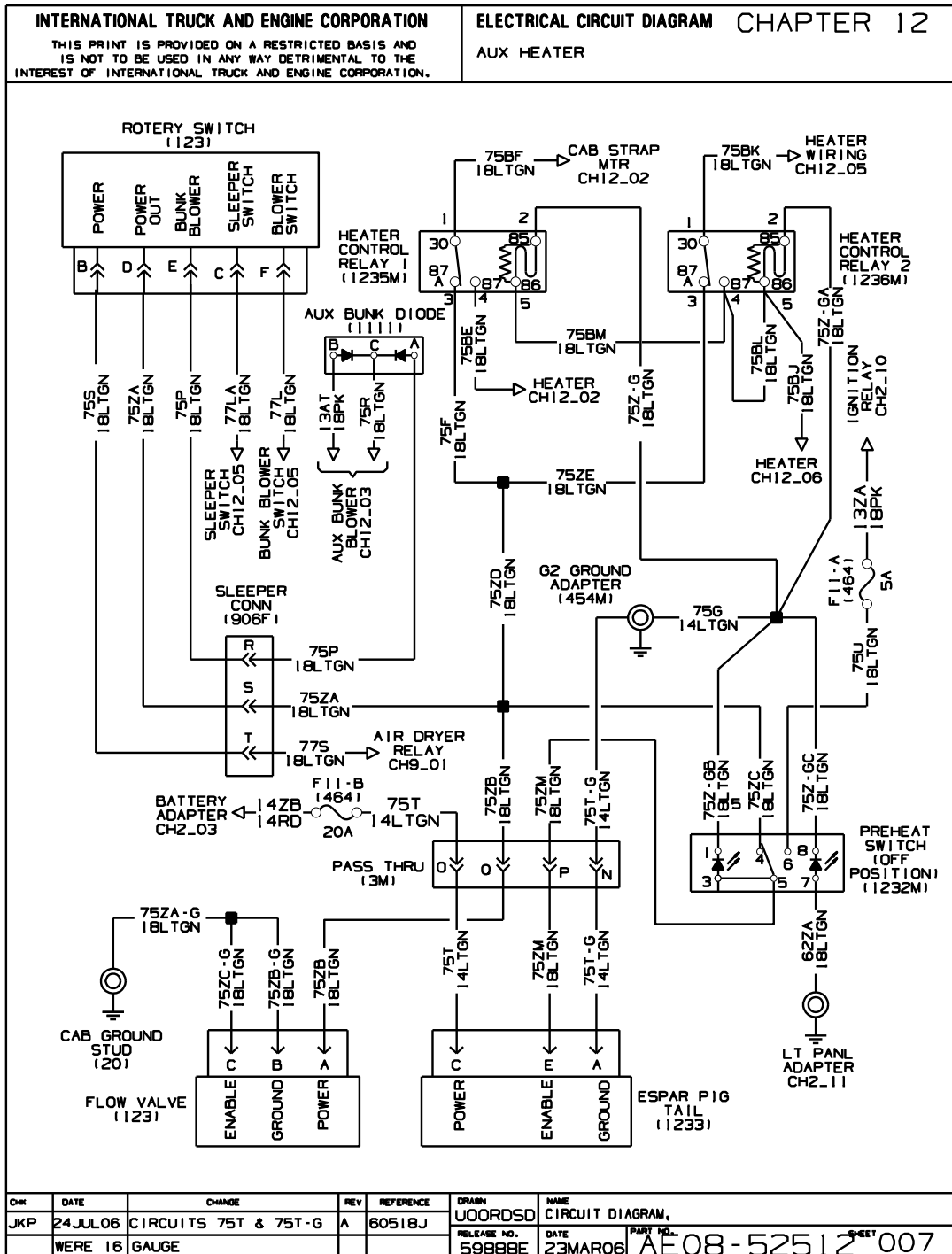
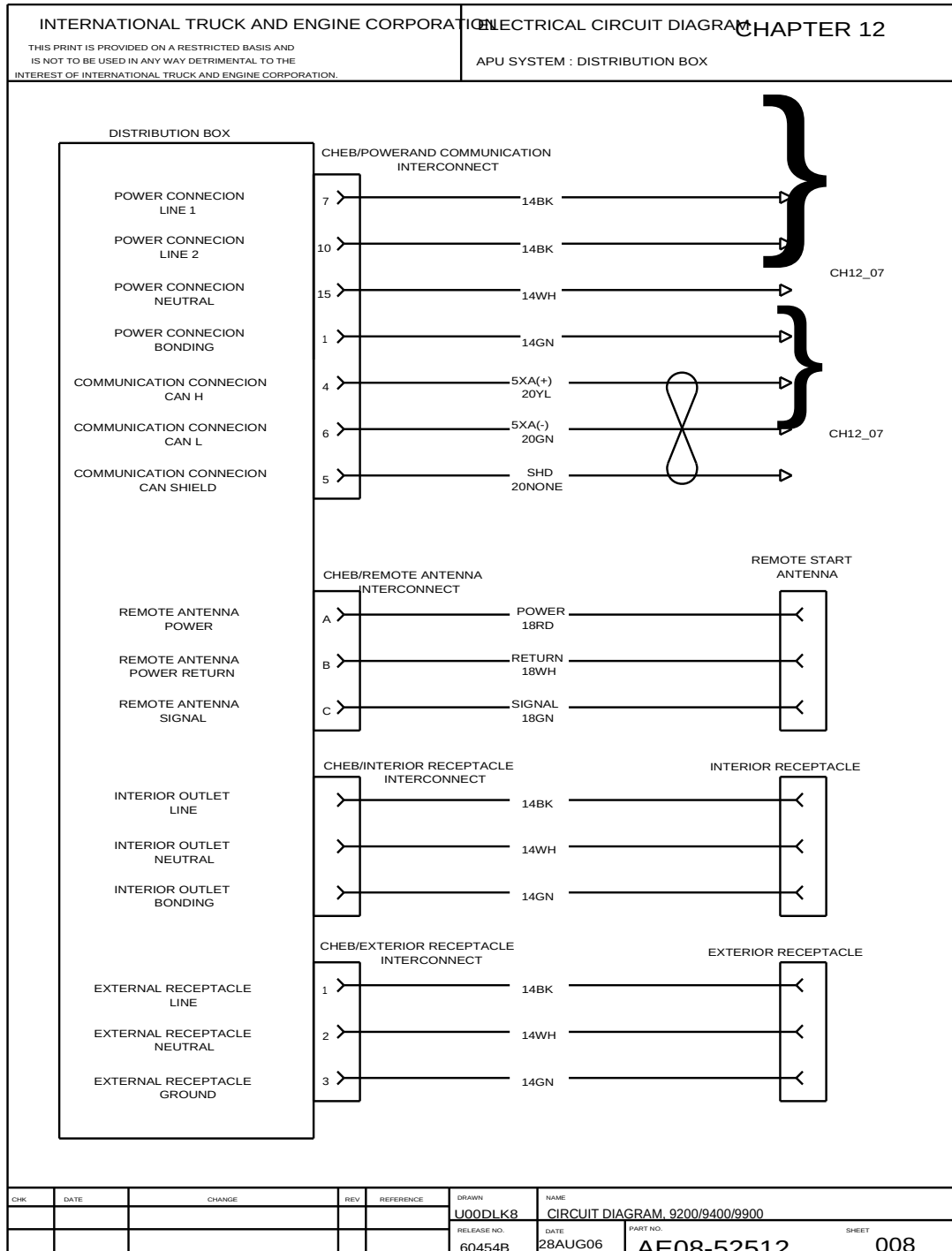


Figure 144 Aux Heater

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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12.8. APU SYSTEM: DISTRIBUTION BOX, P. 8



CH12_07

CH12_07

Figure 145 APU System: Distribution Box

12.9. APU SYSTEM: DISTRIBUTION BOX, P. 9

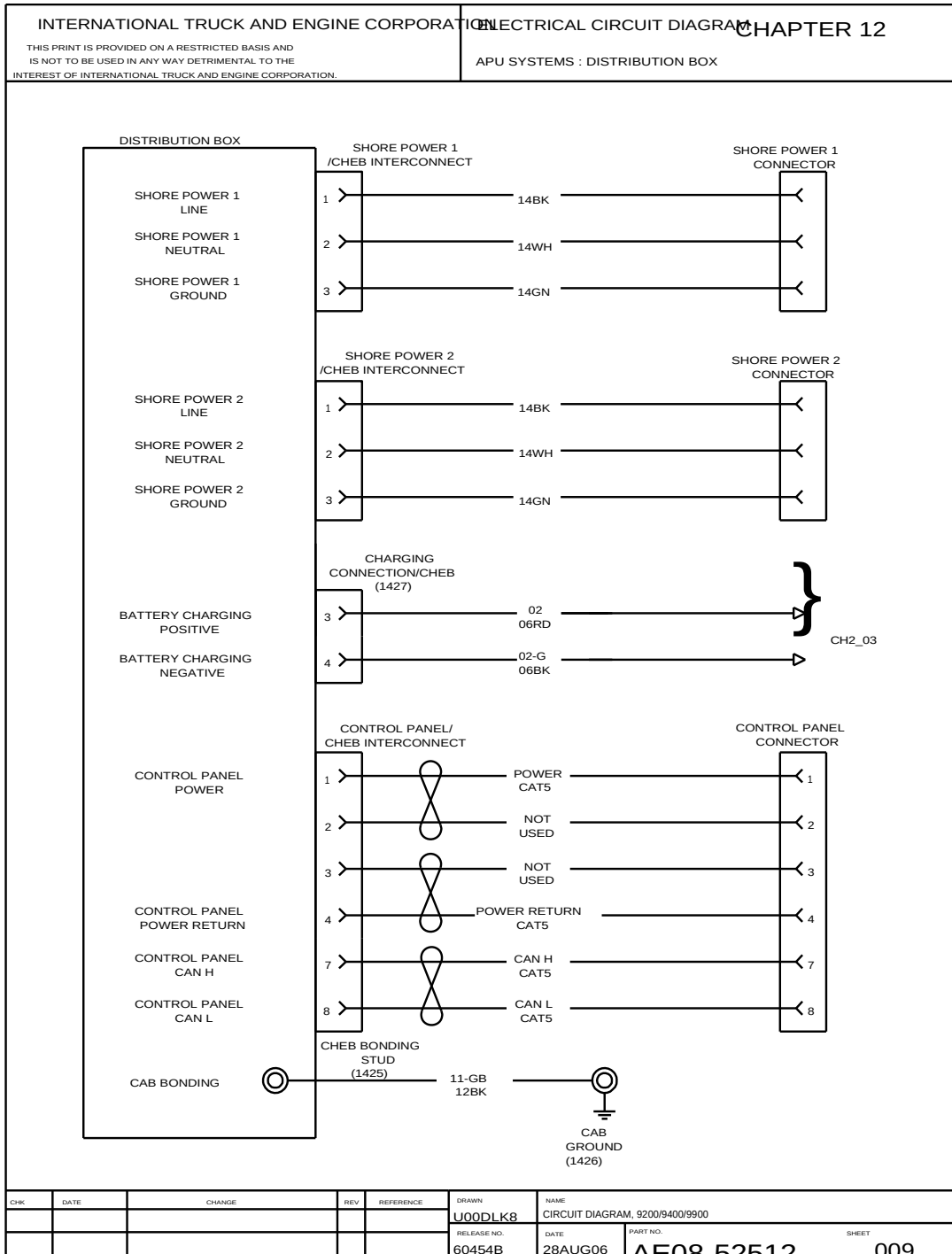


Figure 146 APU System: Distribution Box

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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12.10. APU SYSTEM, P. 10

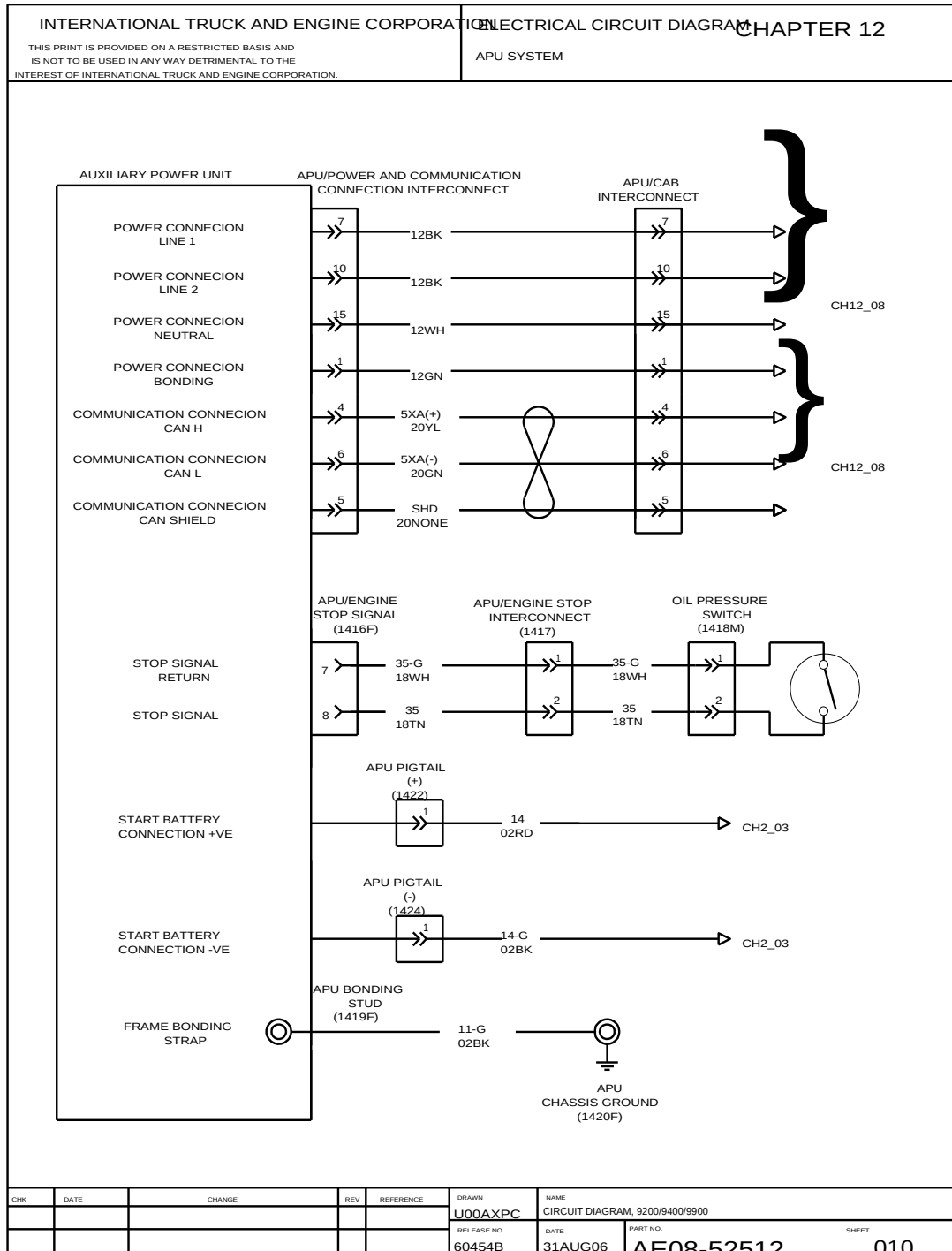


Figure 147 APU System

13. CONNECTOR COMPOSITES (CHAPTER 13)

13.1. LEFT GAUGE CLUSTER (CONNECTOR 423), P. 1

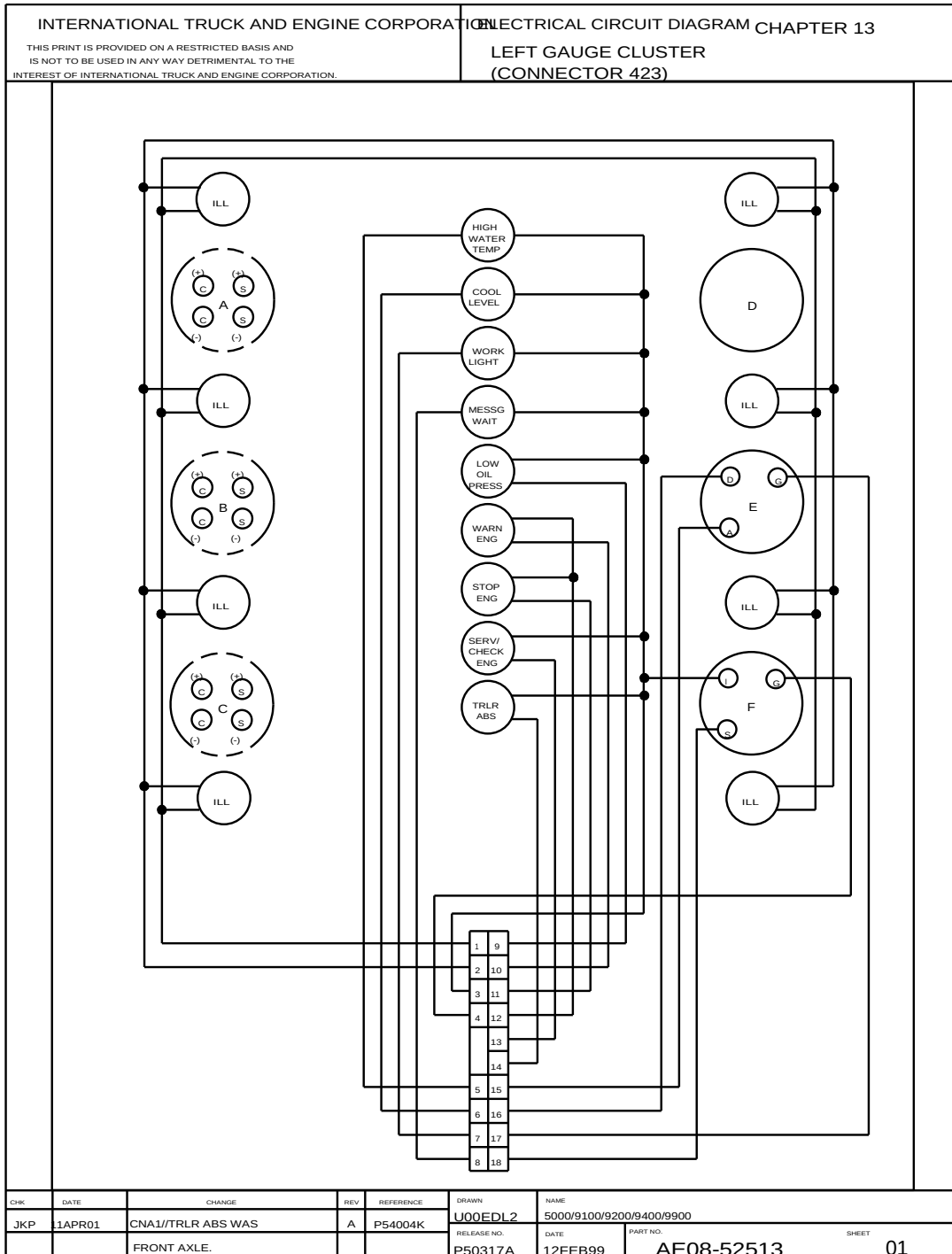


Figure 148 Left Gauge Cluster (Connector 423)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.2. LEFT GAUGE CLUSTER (CONNECTOR 424), P. 2

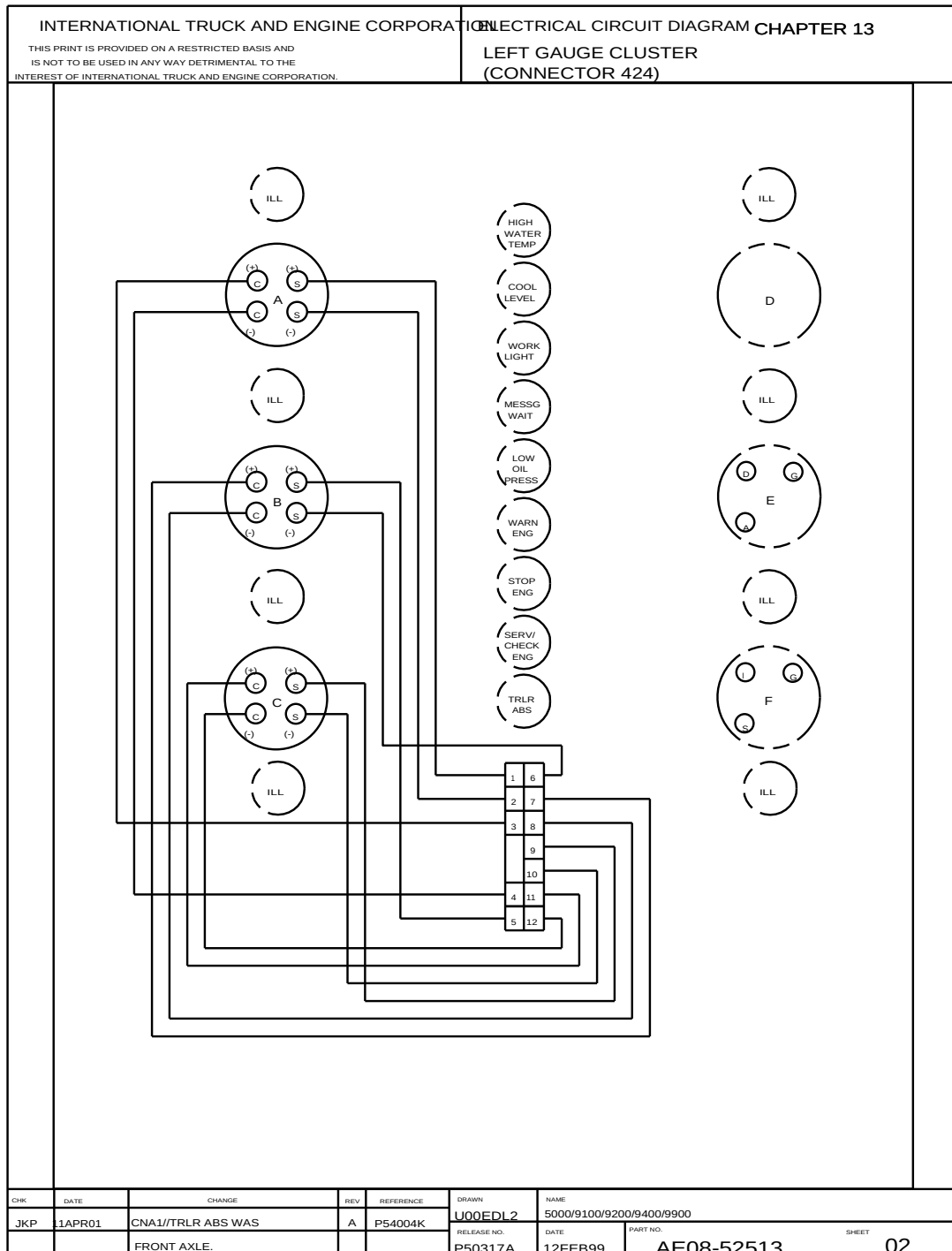


Figure 149 Left Gauge Cluster (Connector 424)

13.3. LEFT GAUGE CLUSTER — GAUGE INFORMATION, P. 3

NAVISTAR INTERNATIONALTRANSPORTATION CORP. 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 THE NAVISTAR INTERNATIONAL TRANSPORTATION CORP.	CHAPTER 13 LEFT GAUGE CLUSTER - GAUGE INFORMATION																																
GAUGES A. ENGINE WATER TEMPERATURE B. ENGINE OIL PRESSURE C. VOLTMETER D. AIR APPLICATION - OPTIONAL E. PYROMETER - OPTIONAL F. ENGINE OIL TEMPERATURE NOTES 1. VIEWED FROM REAR OF HOUSING. 2. NUMBERS IN BOXES CORRESPOND TO CAVITY NUMBERS IN CLUSTER.																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">CHK</td> <td style="width: 10%;">DATE</td> <td style="width: 20%;">CHANGE</td> <td style="width: 10%;">REV</td> <td style="width: 10%;">REFERENCE</td> <td style="width: 15%;">DRAWN</td> <td colspan="2" style="width: 35%;">NAME</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>U00EDL2</td> <td colspan="2">5000/9100/9200/9400/9900</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>RELEASE NO.</td> <td>DATE</td> <td>PART NO.</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>P50317A</td> <td>12FEB99</td> <td>AF08-52513</td> </tr> </table>		CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME							U00EDL2	5000/9100/9200/9400/9900							RELEASE NO.	DATE	PART NO.						P50317A	12FEB99	AF08-52513
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					RELEASE NO.	DATE	PART NO.																										
					P50317A	12FEB99	AF08-52513																										
						SHEET	3																										

Figure 150 Left Gauge Cluster — Gauge Information

**5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS**

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13.4. LEFT GAUGE CLUSTER — TERMINAL INFORMATION, P. 4

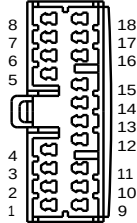
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 LEFT GAUGE CLUSTER - TERMINAL INFORMATION																																														
 (423) (SEE NOTE 1) <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th colspan="4">CONNECTOR 423</th> </tr> <tr> <th>CAVITY</th> <th>CIRCUIT NO.</th> <th>CAVITY</th> <th>CIRCUIT NO.</th> </tr> </thead> <tbody> <tr><td>1</td><td>62C</td><td>10</td><td>97AT</td></tr> <tr><td>2</td><td>62-GC</td><td>11</td><td>97AP</td></tr> <tr><td>3</td><td>28A</td><td>12</td><td>28D</td></tr> <tr><td>4</td><td>11-GM</td><td>13</td><td>97AZ</td></tr> <tr><td>5</td><td>29L</td><td>14</td><td>94T</td></tr> <tr><td>6</td><td>34B</td><td>15</td><td>25A</td></tr> <tr><td>7</td><td>65C</td><td>16</td><td>25B</td></tr> <tr><td>8</td><td>---</td><td>17</td><td>25-GA</td></tr> <tr><td>9</td><td>35L</td><td>18</td><td>30</td></tr> </tbody> </table>							CONNECTOR 423				CAVITY	CIRCUIT NO.	CAVITY	CIRCUIT NO.	1	62C	10	97AT	2	62-GC	11	97AP	3	28A	12	28D	4	11-GM	13	97AZ	5	29L	14	94T	6	34B	15	25A	7	65C	16	25B	8	---	17	25-GA	9	35L	18	30
CONNECTOR 423																																																		
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6	34B	15	25A																																															
7	65C	16	25B																																															
8	---	17	25-GA																																															
9	35L	18	30																																															
TERMINALS 1. INSTRUMENT LAMP POWER (+) 2. INSTRUMENT LAMP GROUND (-) 3. IGNITION (+) 4. GROUND (-) 5. HIGH WATER TEMPERATURE WARNING LIGHT (GROUND ACTIVE) 6. LOW COOLANT LEVEL WARNING LIGHT (GROUND ACTIVE) * 7. WORK LIGHT (GROUND ACTIVE) * 8. MESSAGE WAIT (GROUND ACTIVE) * 9. LOW OIL PRESSURE WARNING LIGHT (GROUND ACTIVE) 10. WARN ENGINE WARNING LIGHT W/ELECTRONIC ENGINES 11. STOP ENGINE WARNING LIGHT W/ELECTRONIC ENGINES 12. WARN & STOP ENGINE WARNING LIGHT (COMMON) W/ELECTRONIC ENGINES 13. CHECK ENGINE WARNING LIGHT (GROUND ACTIVE) W/ELECTRONIC ENGINES 14. TRAILER ABS WARNING LIGHT (GROUND ACTIVE) 15. PYROMETER AMPLIFIER (POWER) * 16. PYROMETER AMPLIFIER (GAUGE SIGNAL) * 17. PYROMETER AMPLIFIER (GROUND) * 18. ENGINE OIL TEMPERATURE SENDER (INPUT SIGNAL) * * OPTIONAL NOTES 1. VIEW OF CLUSTER CONNECTOR VIEWED FROM MATING (TERMINAL) END.																																																		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																												
JKP	1APR01	CNA1/CAV 14 WAS ---.	A	P54004K	U00EDL2	5000/9100/9200/9400/9900																																												
		TERM 14 WAS FRT AXLE			P50317A	12FEB99																																												
					PART NO.	SHEET																																												
					AF08-52513	04																																												

Figure 151 Left Gauge Cluster — Terminal Information

13.5. LEFT GAUGE CLUSTER — TERMINAL INFORMATION, P. 5

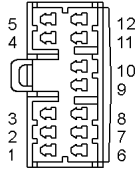
NAVISTAR INTERNATIONAL TRANSPORTATION CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE NAVISTAR INTERNATIONAL TRANSPORTATION CORP.				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 LEFT GAUGE CLUSTER - TERMINAL INFORMATION																																	
 (424) (SEE NOTE 1) <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th colspan="4">CONNECTOR 424</th> </tr> <tr> <th>CAVITY</th> <th>CIRCUIT NO.</th> <th>CAVITY</th> <th>CIRCUIT NO.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>29S(+)</td> <td>7</td> <td>35C(+)</td> </tr> <tr> <td>2</td> <td>29S(-)</td> <td>8</td> <td>35C(-)</td> </tr> <tr> <td>3</td> <td>29C(+)</td> <td>9</td> <td>27S(+)</td> </tr> <tr> <td>4</td> <td>29C(-)</td> <td>10</td> <td>27S(-)</td> </tr> <tr> <td>5</td> <td>35S(+)</td> <td>11</td> <td>27C(+)</td> </tr> <tr> <td>6</td> <td>35S(-)</td> <td>12</td> <td>27C(-)</td> </tr> </tbody> </table> TERMINALS 1. ENGINE WATER TEMPERATURE GAUGE (SINE +) 2. ENGINE WATER TEMPERATURE GAUGE (SINE -) 3. ENGINE WATER TEMPERATURE GAUGE (COS +) 4. ENGINE WATER TEMPERATURE GAUGE (COS -) 5. ENGINE OIL PRESSURE GAUGE (SINE +) 6. ENGINE OIL PRESSURE GAUGE (SINE -) 7. ENGINE OIL PRESSURE GAUGE (COS +) 8. ENGINE OIL PRESSURE GAUGE (COS -) 9. VOLTMETER GAUGE (SINE +) 10. VOLTMETER GAUGE (SINE -) 11. VOLTMETER GAUGE (COS +) 12. VOLTMETER GAUGE (COS -) * OPTIONAL NOTES 1. VIEW OF CLUSTER CONNECTOR VIEWED FROM MATING (TERMINAL) END.						CONNECTOR 424				CAVITY	CIRCUIT NO.	CAVITY	CIRCUIT NO.	1	29S(+)	7	35C(+)	2	29S(-)	8	35C(-)	3	29C(+)	9	27S(+)	4	29C(-)	10	27S(-)	5	35S(+)	11	27C(+)	6	35S(-)	12	27C(-)
CONNECTOR 424																																					
CAVITY	CIRCUIT NO.	CAVITY	CIRCUIT NO.																																		
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4	29C(-)	10	27S(-)																																		
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6	35S(-)	12	27C(-)																																		
CHK	DATE	CHANGE	REV	REFERENCE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">DRAWN U00EDL2</td> <td style="width: 70%;">NAME 5000/9100/9200/9400/9900</td> </tr> <tr> <td>RELEASE NO. P50317A</td> <td> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">DATE 12FEB99</td> <td style="width: 40%;">PART NO. AE08-52513</td> <td style="width: 30%;">SHEET 5</td> </tr> </table> </td> </tr> </table>	DRAWN U00EDL2	NAME 5000/9100/9200/9400/9900	RELEASE NO. P50317A	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">DATE 12FEB99</td> <td style="width: 40%;">PART NO. AE08-52513</td> <td style="width: 30%;">SHEET 5</td> </tr> </table>	DATE 12FEB99	PART NO. AE08-52513	SHEET 5																									
DRAWN U00EDL2	NAME 5000/9100/9200/9400/9900																																				
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DATE 12FEB99	PART NO. AE08-52513	SHEET 5																																			

Figure 152 Left Gauge Cluster — Terminal Information

13.6. RIGHT GAUGE CLUSTER (CONNECTOR 420), P. 6

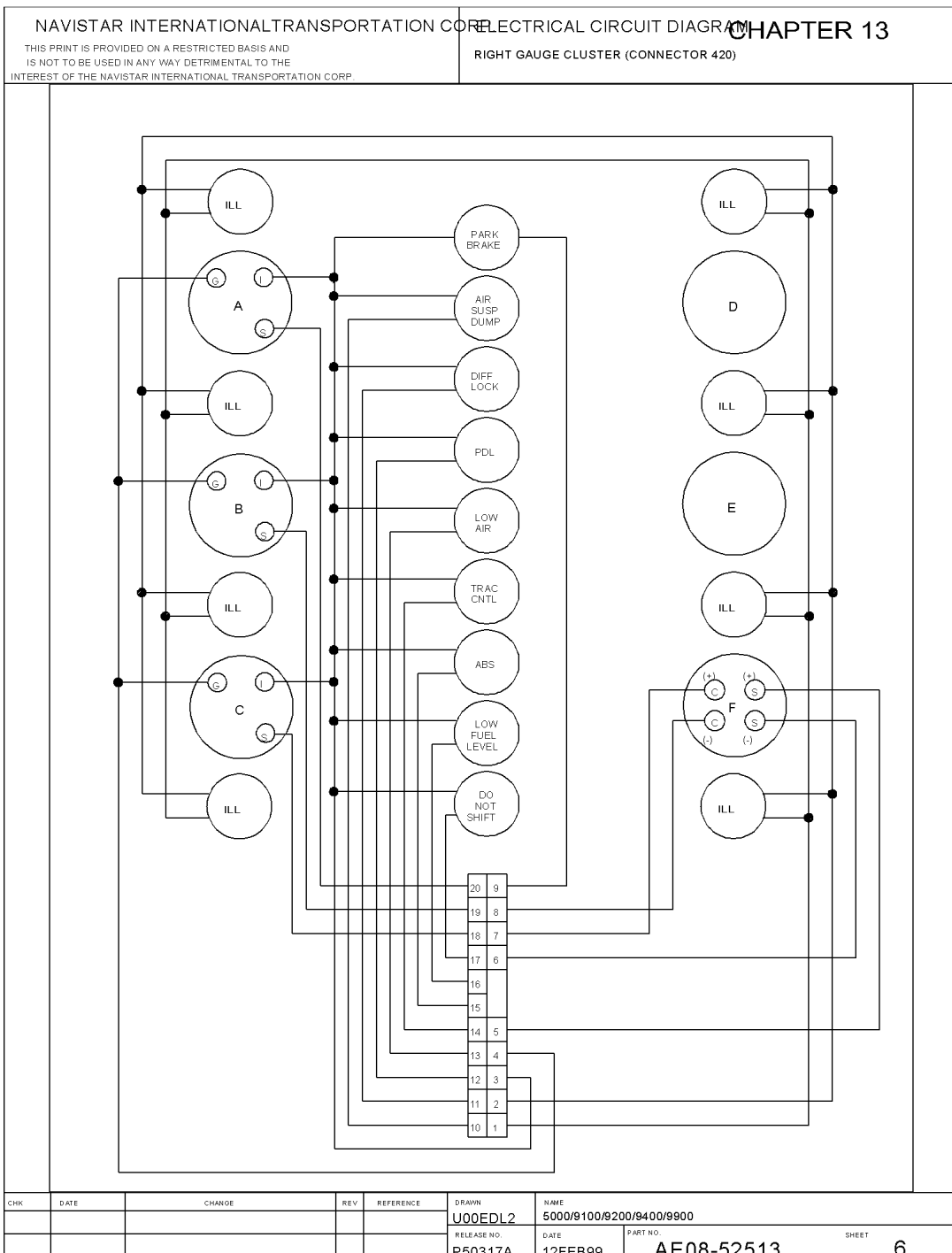


Figure 153 Right Gauge Cluster (Connector 420)

13.7. RIGHT GAUGE CLUSTER — GAUGE INFORMATION, P. 7

NAVISTAR INTERNATIONAL TRANSPORTATION CORP.				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 THE NAVISTAR INTERNATIONAL TRANSPORTATION CORP.				RIGHT GAUGE CLUSTER - GAUGE INFORMATION					
GAUGES A. FORWARD REAR AXLE TEMPERATURE - OPTIONAL B. REAR REAR AXLE TEMPERATURE - OPTIONAL C. TRANSMISSION OIL TEMPERATURE - OPTIONAL D. AIR PRESSURE (PRIMARY), COUPLER REQUIRED E. AIR PRESSURE (SECONDARY), COUPLER REQUIRED F. FUEL LEVEL NOTES 1. VIEWED FROM REAR OF HOUSING. 2. NUMBERS IN BOXES CORRESPOND TO CAVITY NUMBERS IN CLUSTER.									
CHK	DATE	CHANGE	REV.	REFERENCE	DRAWN	NAME			
					U00EDL2	5000/9100/9200/9400/9900			
					RELEASE NO.	DATE	PART NO.	SHEET	
					P50317A	12FEB99	AE08-52513	7	

Figure 154 Right Gauge Cluster — Gauge Information

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.8. RIGHT GAUGE CLUSTER — TERMINAL INFORMATION, P. 8

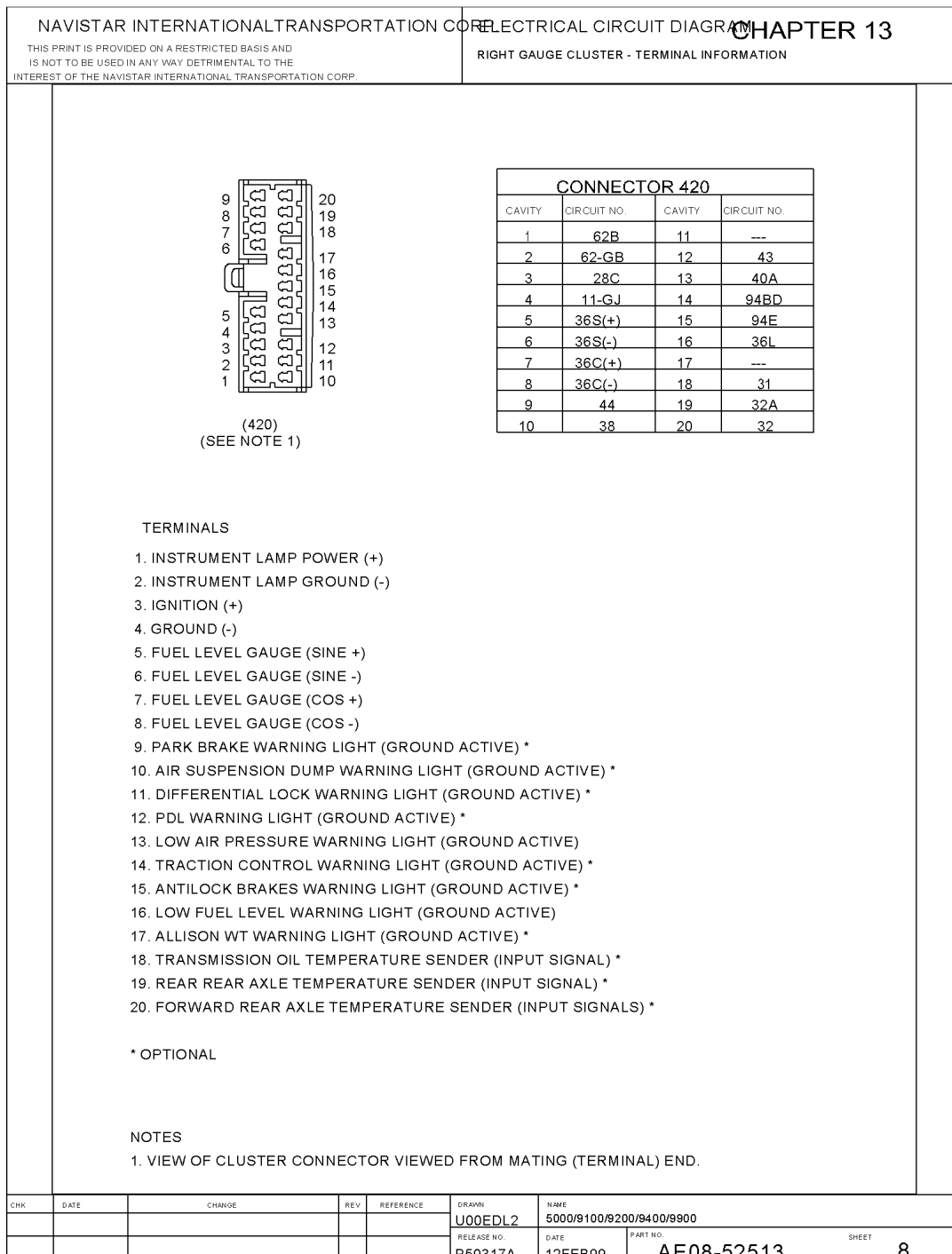
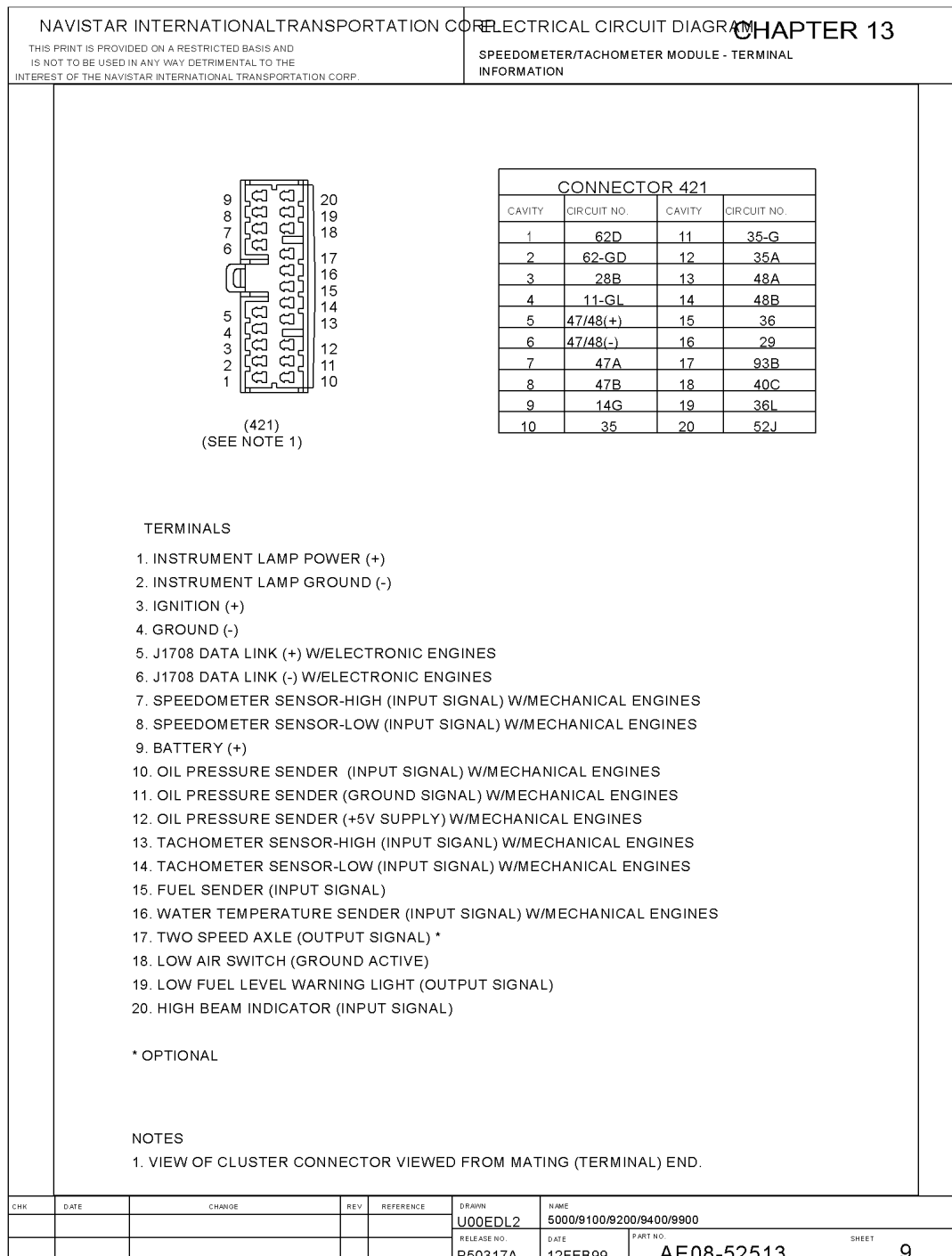
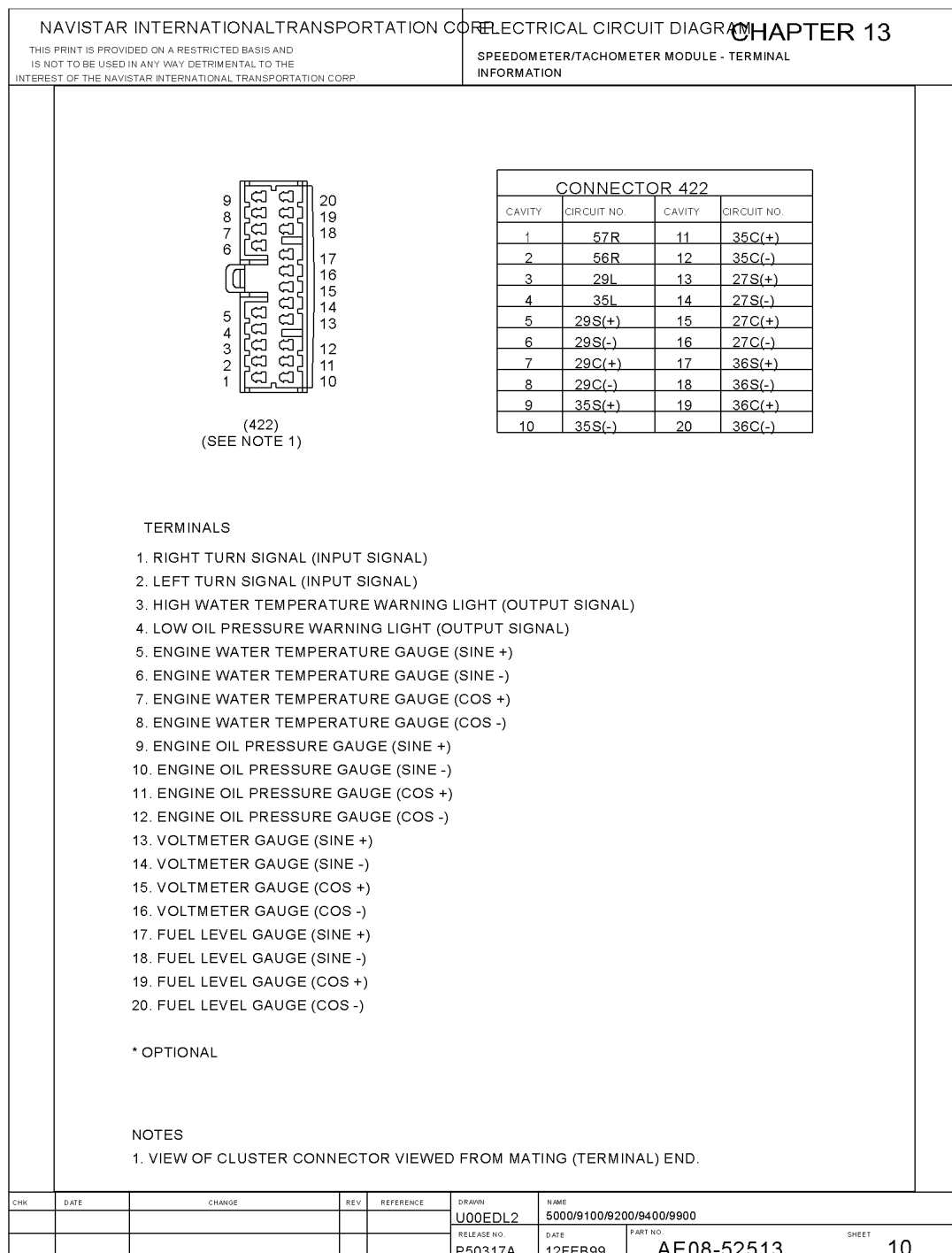


Figure 155 Right Gauge Cluster — Terminal Information

13.9. SPEEDOMETER/TACHOMETER MODULE — TERMINAL INFORMATION, P. 9**Figure 156 Speedometer/Tachometer Module — Terminal Information**

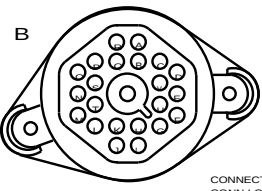
**5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS**

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13.10. SPEEDOMETER/TACHOMETER MODULE — TERMINAL INFORMATION, P. 10**Figure 157 Speedometer/Tachometer Module — Terminal Information**

13.11. CONNECTOR COMPOSITES (1), (2), (3), P. 11

INTERNATIONAL TRUCK AND ENGINE CORPORATION				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 INTERNATIONAL TRUCK AND ENGINE CORPORATION.								CONNECTOR COMPOSITES			



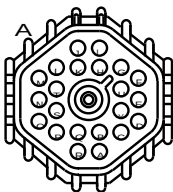
B

CONNECTOR-589338C1
CONN LOCK(2-REC'D)-589333C1
TERMINAL(18,20AWG)-587576C1
TERMINAL(14,16,18AWG)-587575C1
TERMINAL(12AWG)-1673747C1
CABLE SEAL(16,18,20AWG)-1652325C1
CABLE SEAL(14AWG)-589391C1
CABLE SEAL(12AWG)-589390C1

DASH PANEL - LEFT SIDE (1)
A-FRONT END,B-MAIN CAB

CAVITY		CIRCUIT		CAVITY		CIRCUIT	
		A	B			A	B
A	53B	53B		L	---	97AL	
B	41C	41C		M	64B	64B	
C	41D	41D		N	21	21**	
D	---	---		O	---	---	
E	RED*	39B		P	56	56	
F	52F	52F		Q	21A	21A	
G	52-GE	52-GE		R	---	---	
H	---	97-GF		S	57	57	
I	70A	70A		T	85B	85B	
J	70	70		U	---	---	
K	58H	58H		V	---	---	

*W/AD-9 AIR DRYER **W/ETHER START



A

CONNECTOR-589332C1
CONN LOCK(2-REC'D)-589333C1
TERMINAL(14,16AWG)-587577C1
TERMINAL(18,20AWG)-587578C1
CAVITY PLUG-587579C1
CABLE SEAL(16,20AWG)-1652325C1
CABLE SEAL(14 AWG)-589391C1

DASH PANEL - RIGHT SIDE (2)
A-ENGINE,B-MAIN CAB

CAVITY		CIRCUIT		CAVITY		CIRCUIT	
		B	A			B	A
A	19	---		L	17B	17B	
B	30			M	82C	82C	
C	77C	77C		N	82D	82D	
D	48A	---		O	82E	82E	
E	92PF	RD		P	13D	13D	
F	48B	---		Q	21A	21A	
G	71	71		R	23	23	
H	71A/71B	71A		S	82F	82F	
I	29	29		T	82-GC	82-GC	
J	29A	23A		U	97AW	---	
K	97BC	23B		V	31	31	

DASH PANEL - RIGHT SIDE (3)
A-CHASSIS,B-MAIN CAB

CAVITY		CIRCUIT		CAVITY		CIRCUIT		CAVITY		CIRCUIT	
		A	B			A	B			A	B
A	32	32		G	68A	68A		M	---	S	87A
B	47A@	47A		H	71A	71A		N	---	T	87B
C	47B@	47B		I	---	---		O	---	U	---
D	---	71P		J	---	---		P	---	V	36
E	56B	56B		K	---	---		Q	---		
F	57B	57B		L	---	---		R	32A	32A	

@W/3406C ONLY

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	PART NO.	SHEET
		MOVED 41C,41D FROM	B	55093Z	U00EDL2	5000/9100/9200/9400/9900		
CAV U,V TO CAV		B,C CONN (1).			RELEASE NO. P50317A	DATE 12FEB99	AF08-52513	11

Figure 158 Connector Composites (1), (2), (3)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.12. CONNECTOR COMPOSITES (4), (9), (11), (15), (20), (27), P. 12

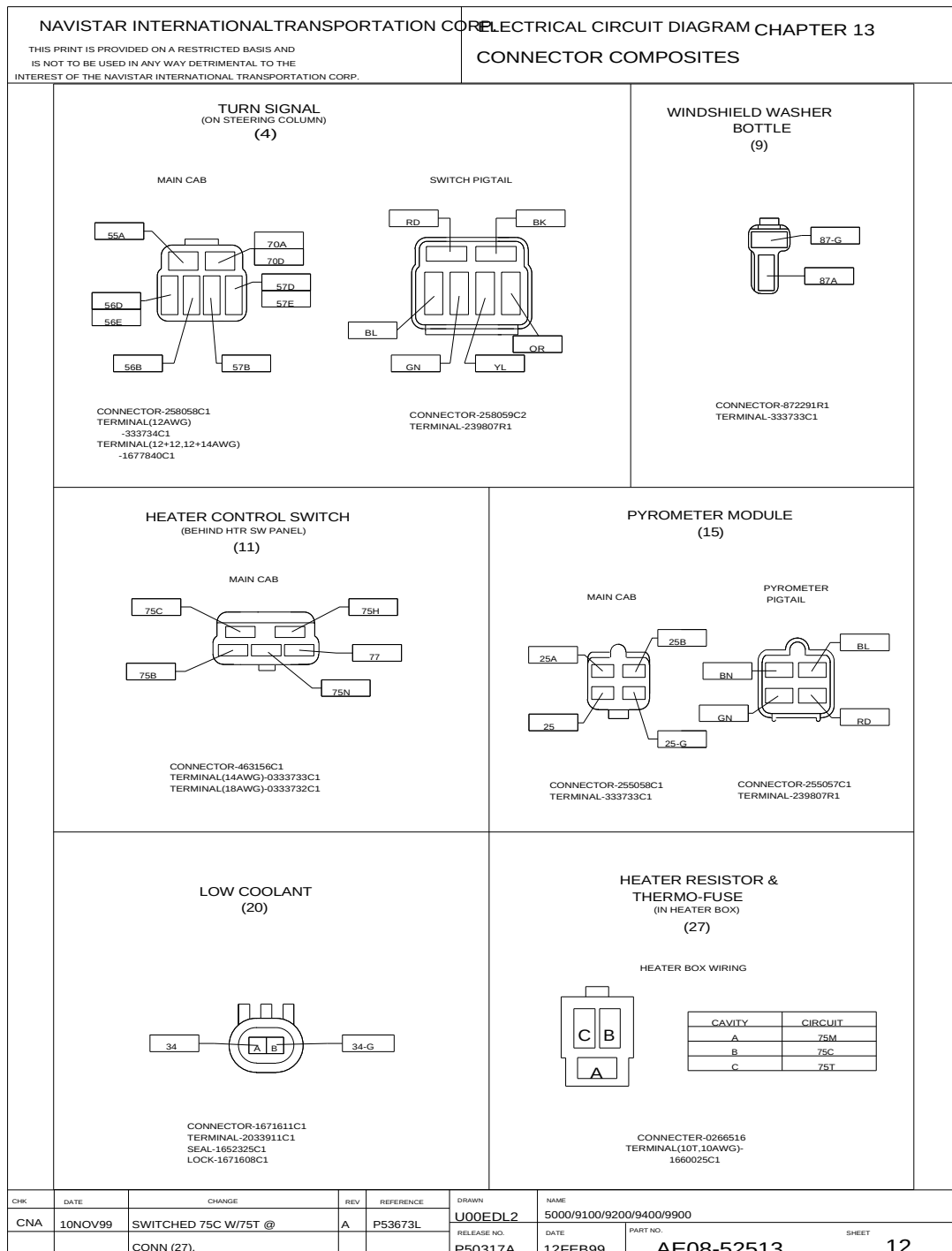


Figure 159 Connector Composites (4), (9), (11), (15), (20), (27)

13.13. CONNECTOR COMPOSITES (40), (41), (42), (43), (48), (65), P. 13

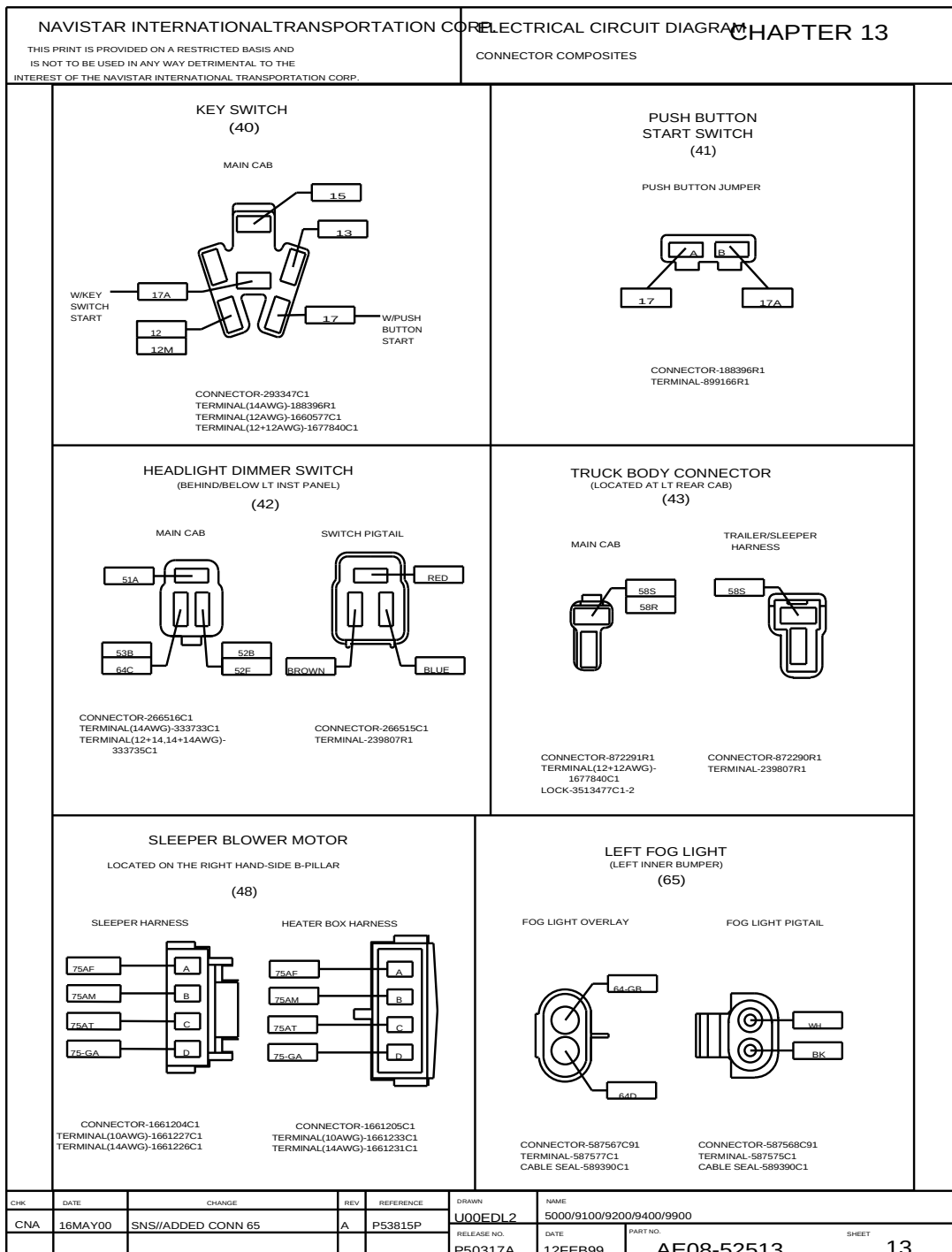


Figure 160 Connector Composites (40), (41), (42), (43), (48), (65)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

161

13.14. CONNECTOR COMPOSITES (66), (71), (72), (76), (77), (94), P. 14

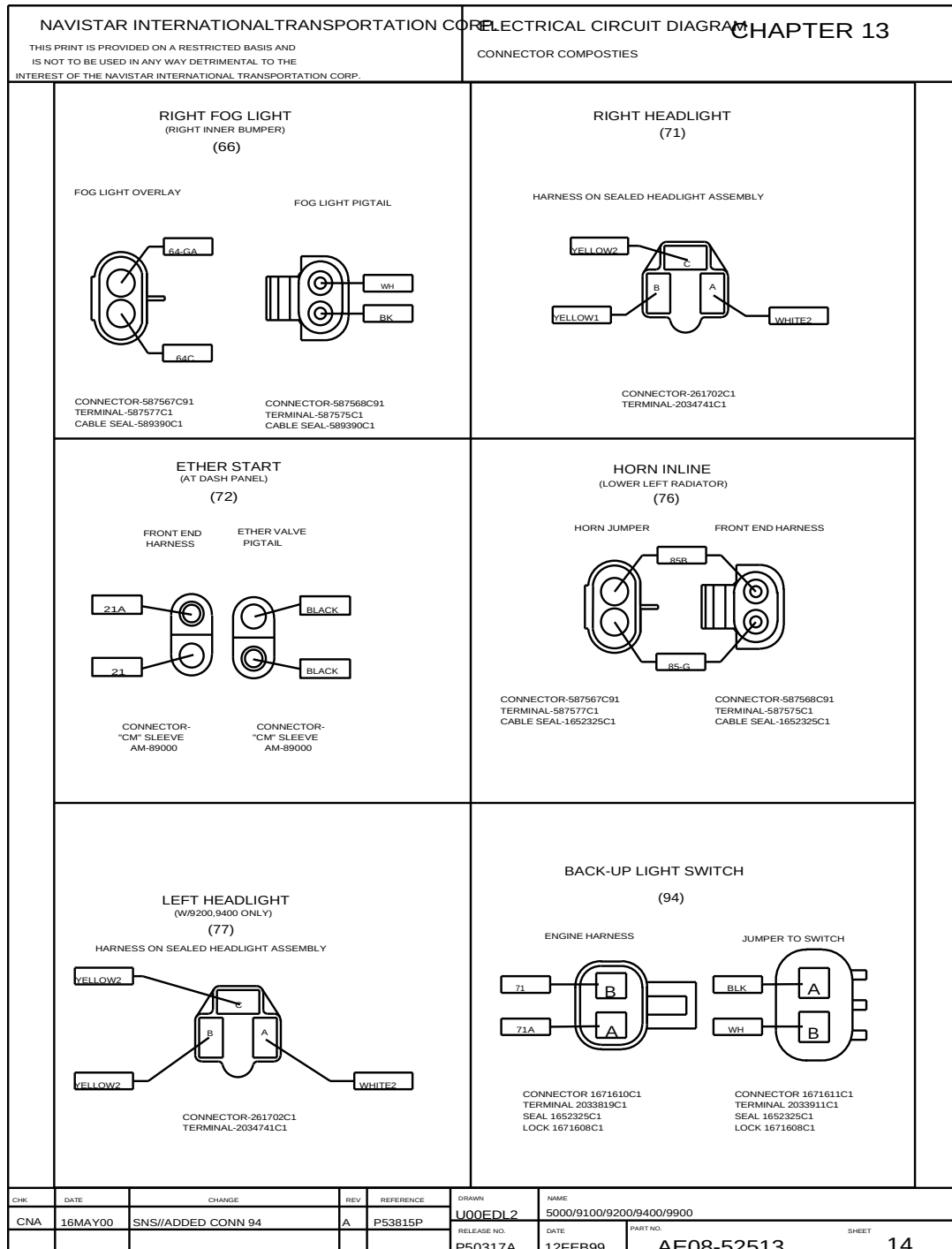


Figure 161 Connector Composites (66), (71), (72), (76), (77), (94)

13.15. CONNECTOR COMPOSITES (100), (100A), (105), (111), (112), (113), (115), P. 15

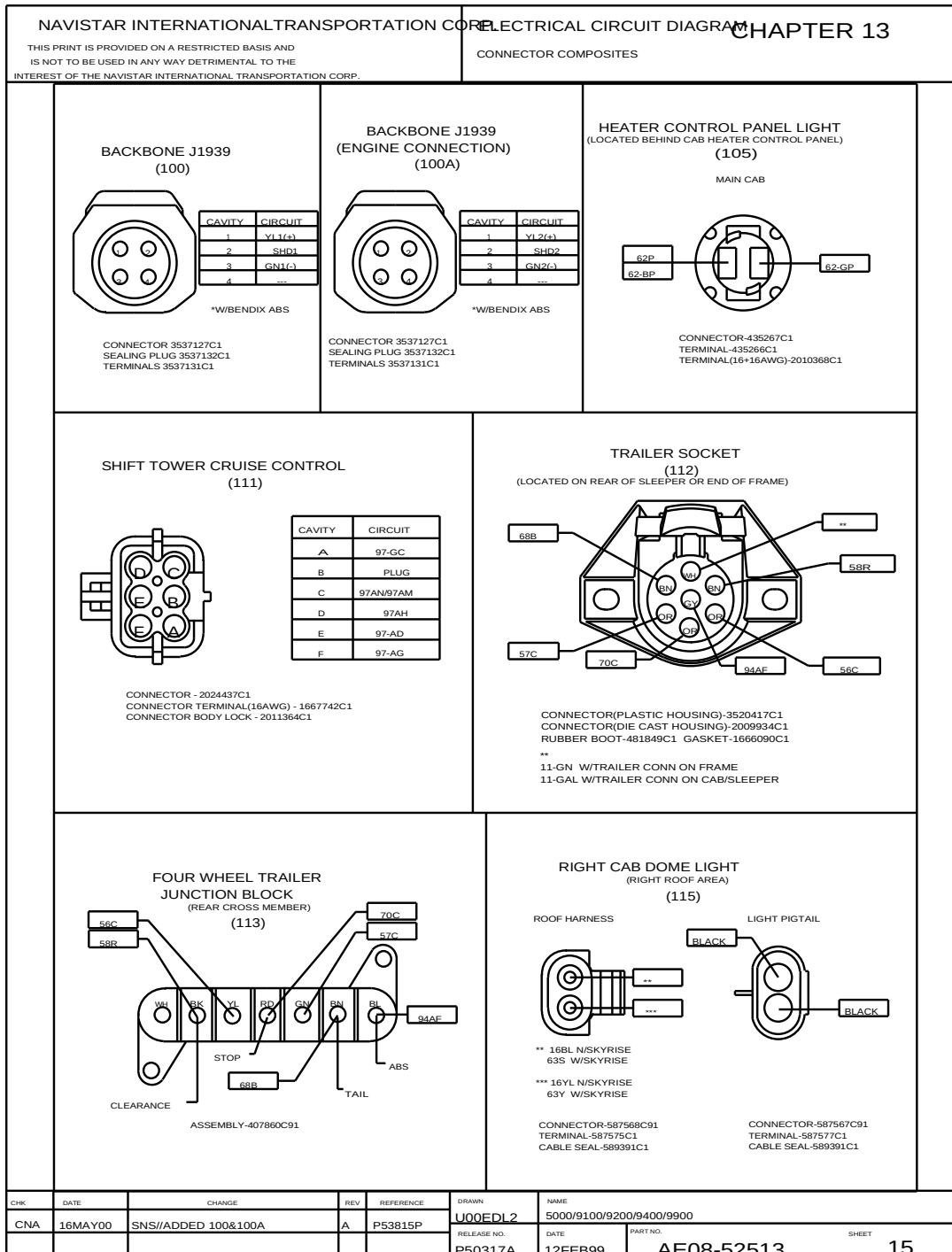


Figure 162 Connector Composites (100), (100A), (105), (111), (112), (113), (115)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.16. CONNECTOR COMPOSITES (116), (117), (118), (127A), (128), P. 16

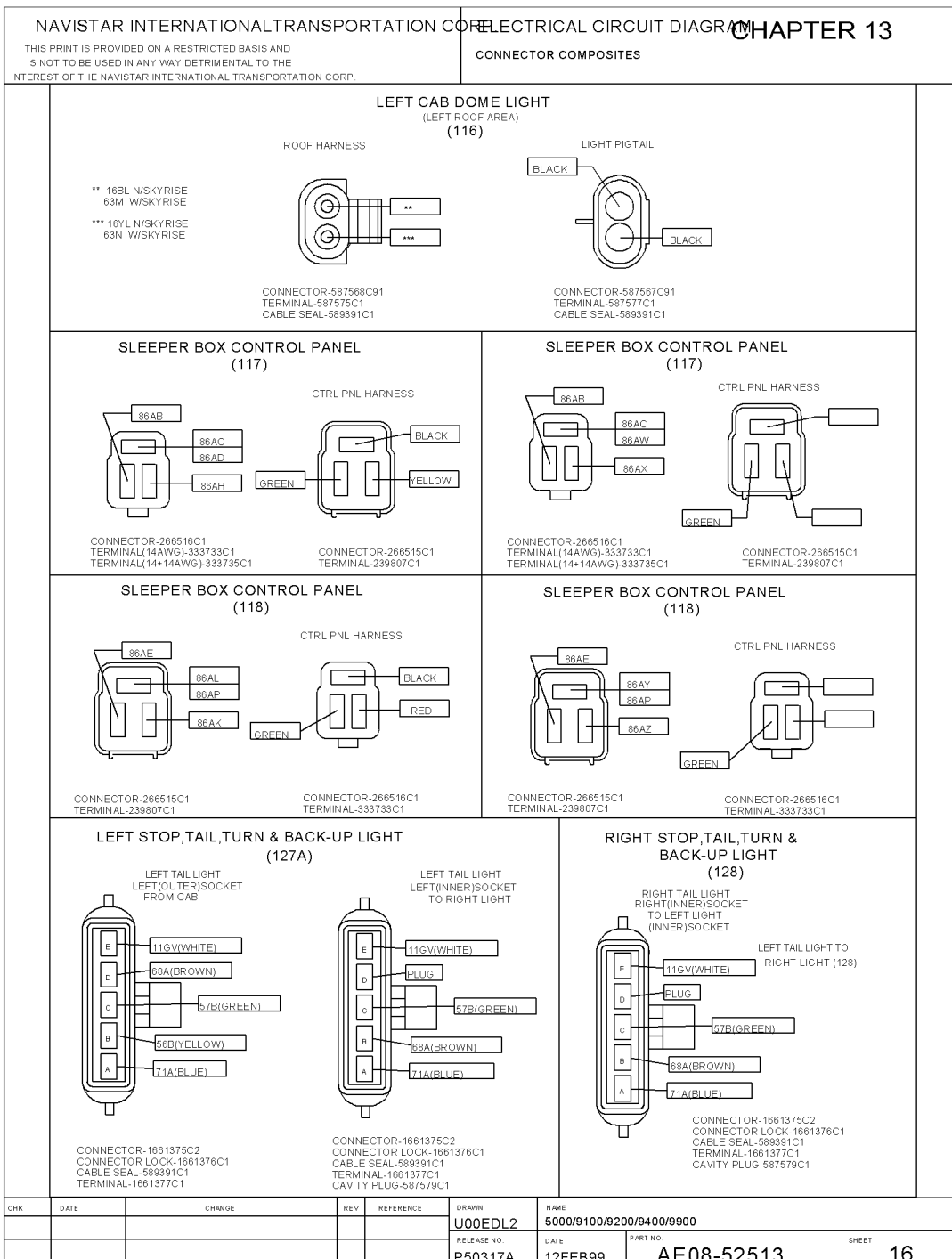
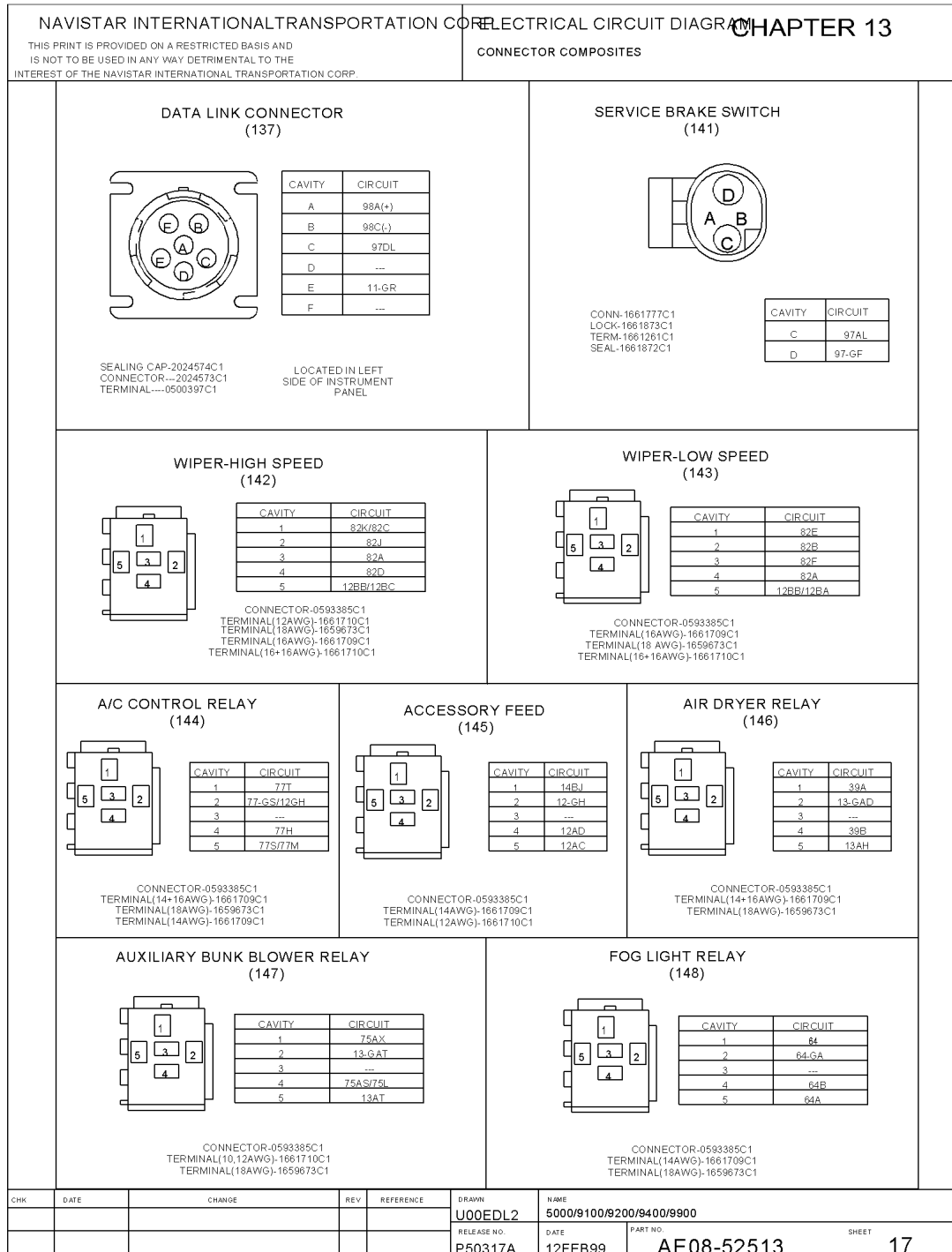


Figure 163 Connector Composites (116), (117), (118), (127A), (128)

13.17. CONNECTOR COMPOSITES (137), (141), (142), (143), (144), (145), (146), (147), (148), P. 17

Figure 164 Connector Composites (137), (141), (142), (143), (144), (145), (146), (147), (148)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.18. CONNECTOR COMPOSITES (149), (150), (151), (152), (161), (162), P. 18

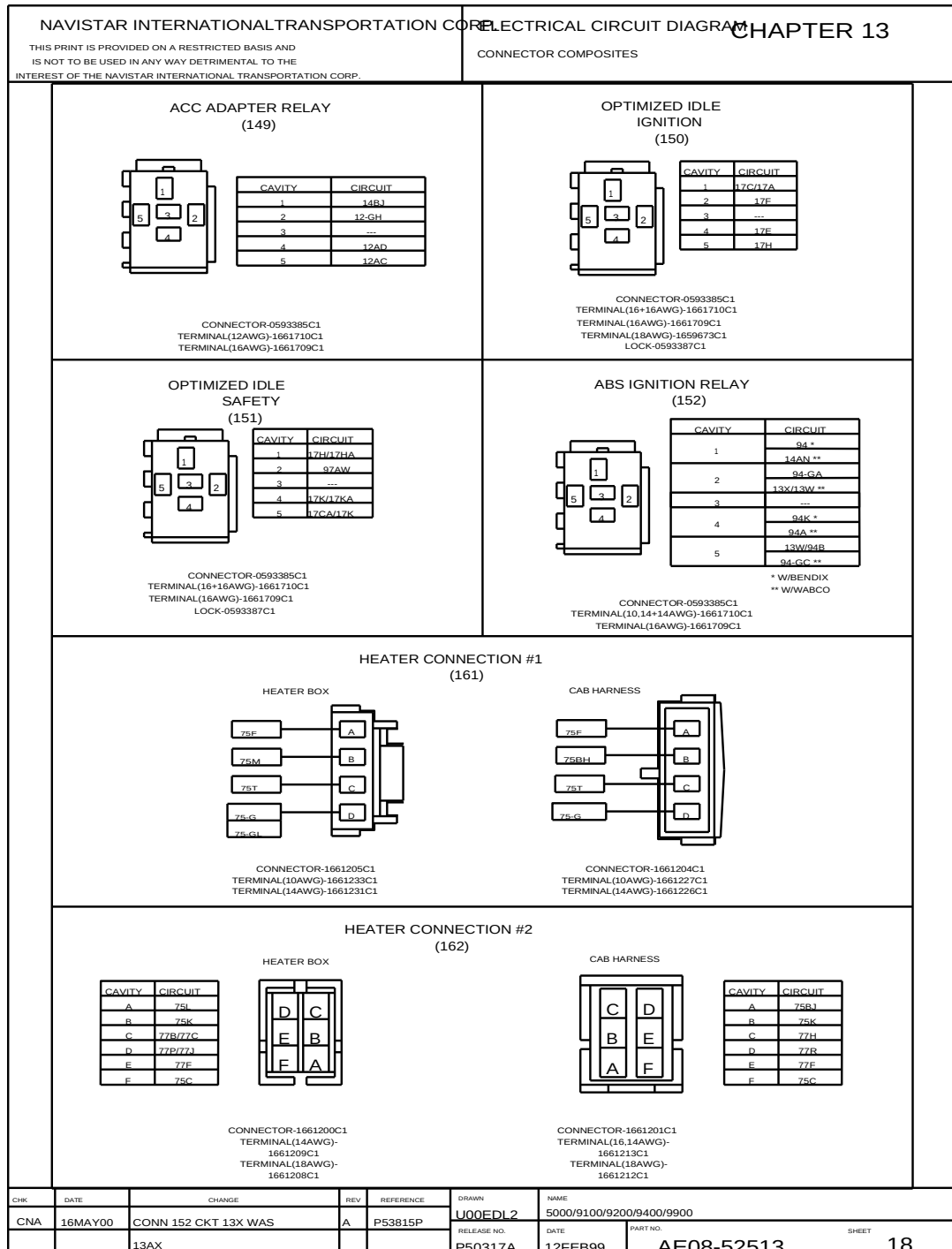
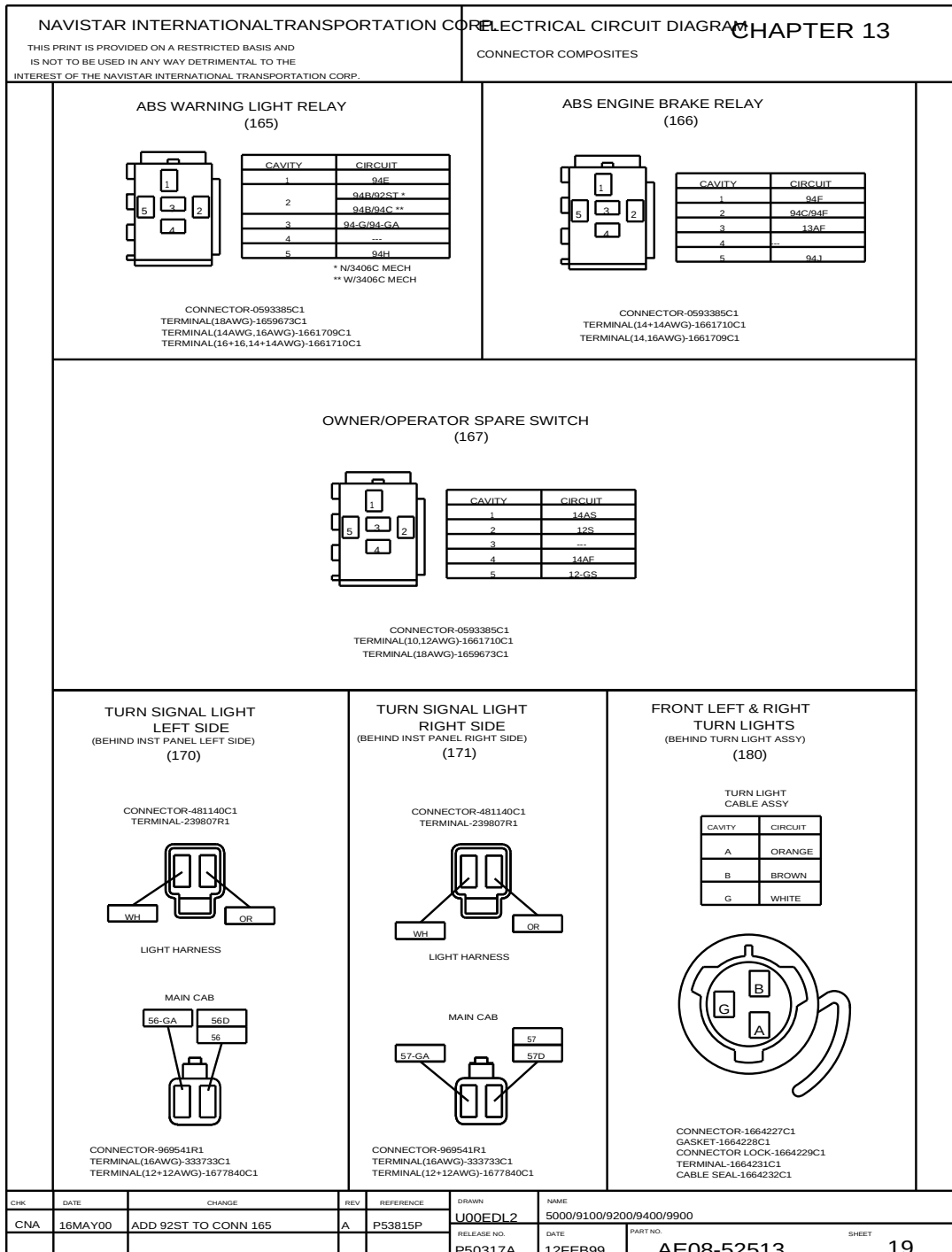


Figure 165 Connector Composites (149), (150), (151), (152), (161), (162)

13.19. CONNECTOR COMPOSITES (165), (166), (167), (170), (171), (180), P. 19

Figure 166 Connector Composites (165), (166), (167), (170), (171), (180)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.20. CONNECTOR COMPOSITE (190), P. 20

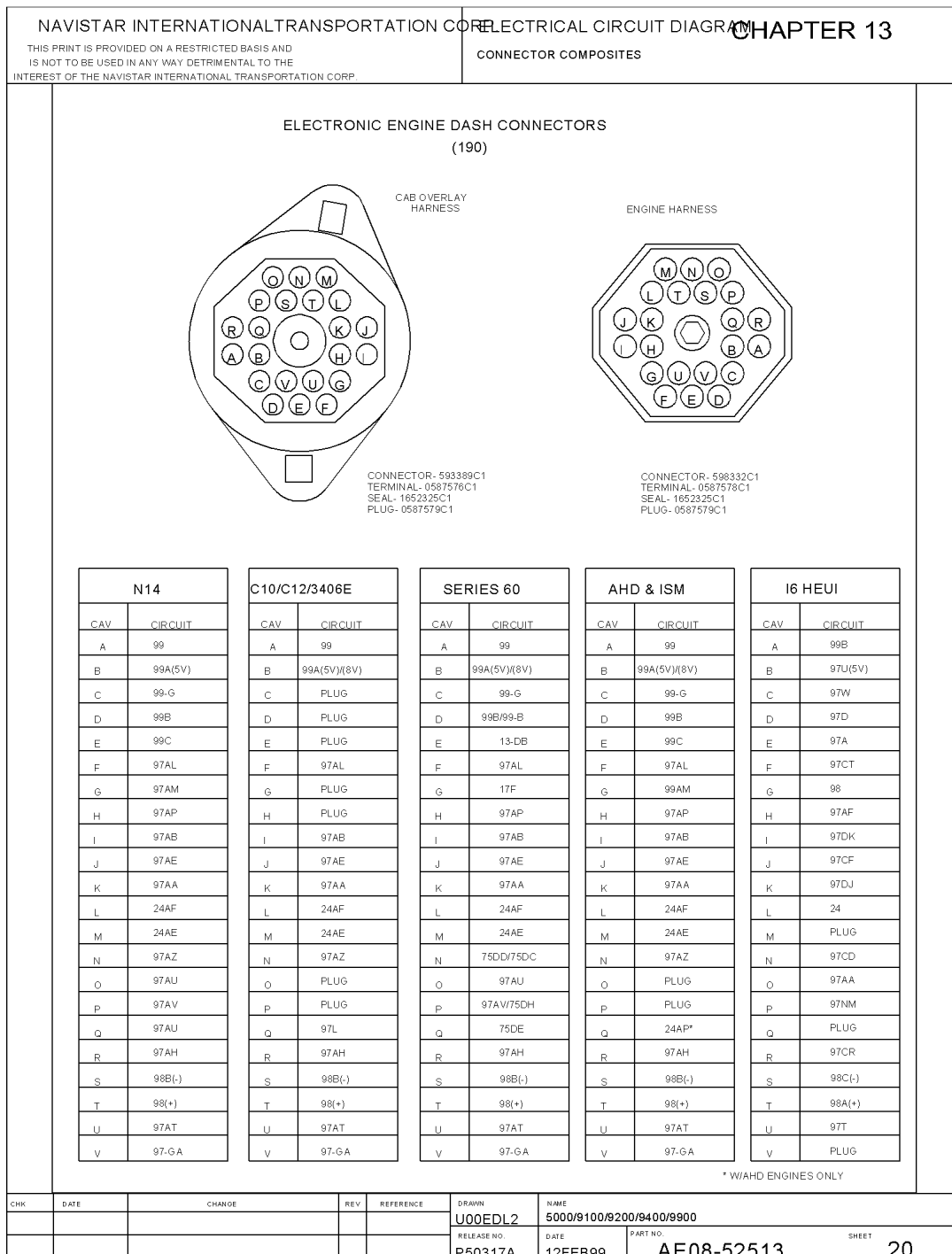


Figure 167 Connector Composite (190)

13.21. CONNECTOR COMPOSITES (196), (199), (200), (201), (209), (211), (214), (216), P. 21

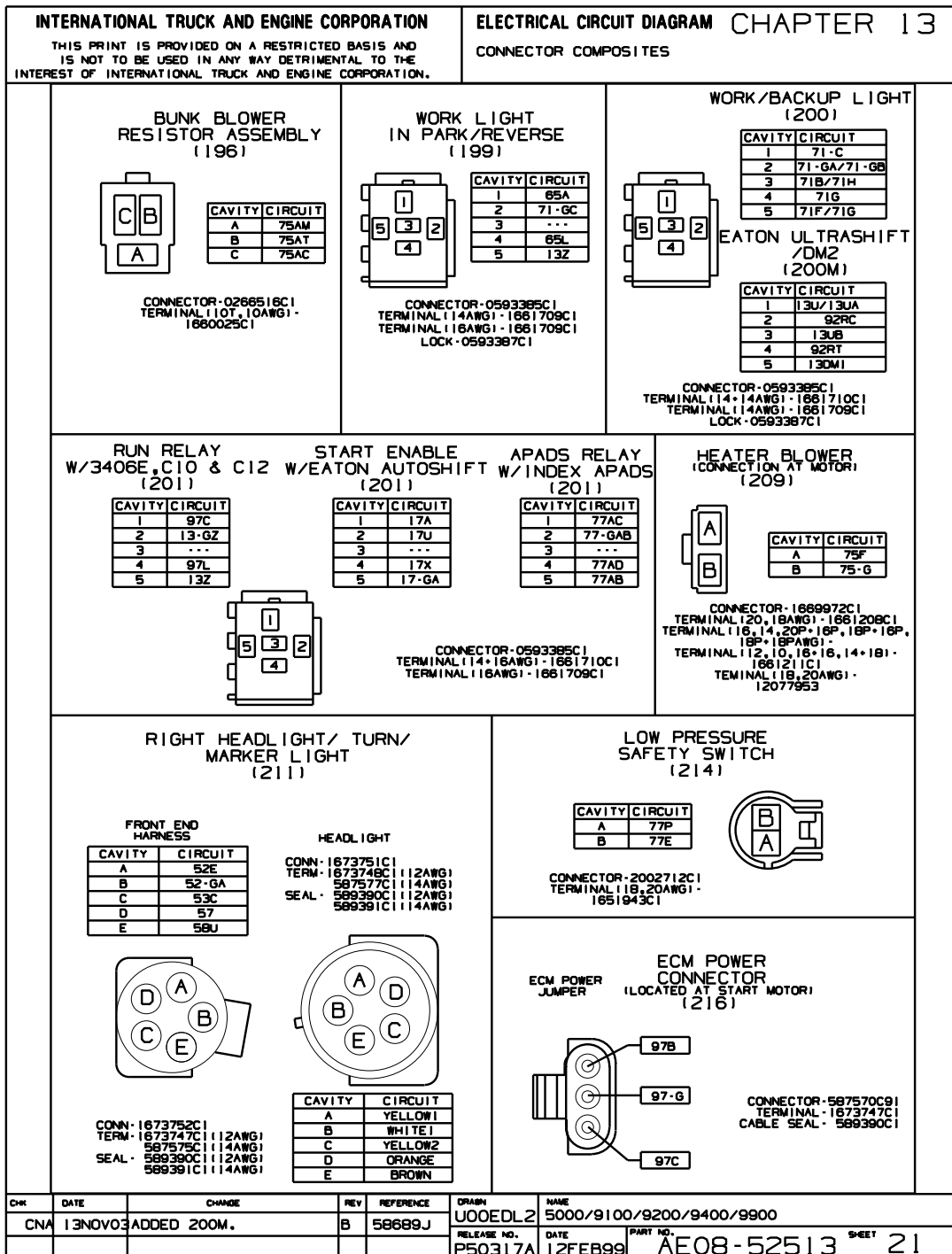


Figure 168 Connector Composites (196), (199), (200), (201), (209), (211), (214), (216)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.22. CONNECTOR COMPOSITES (217), (218), (220), (221), P. 22

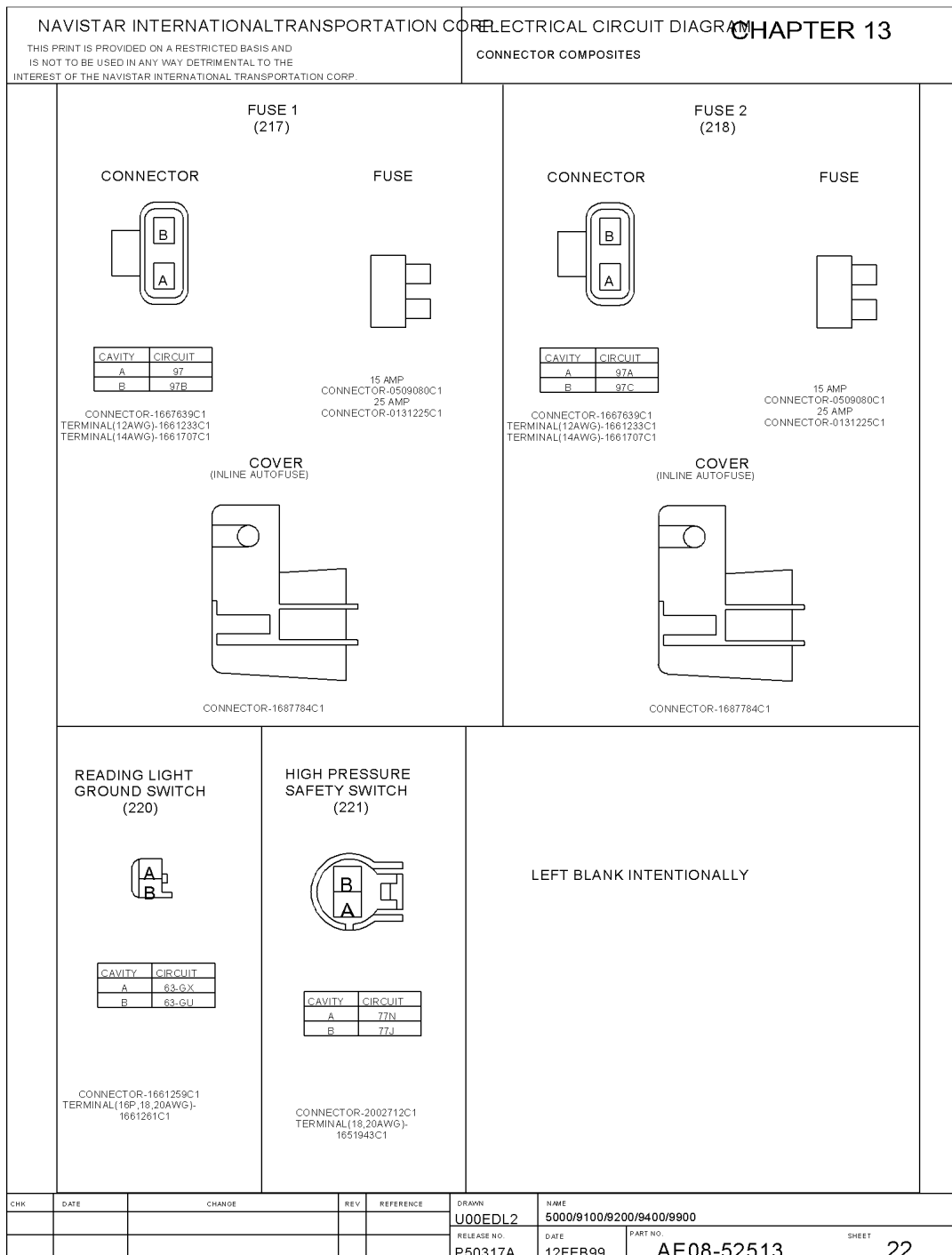
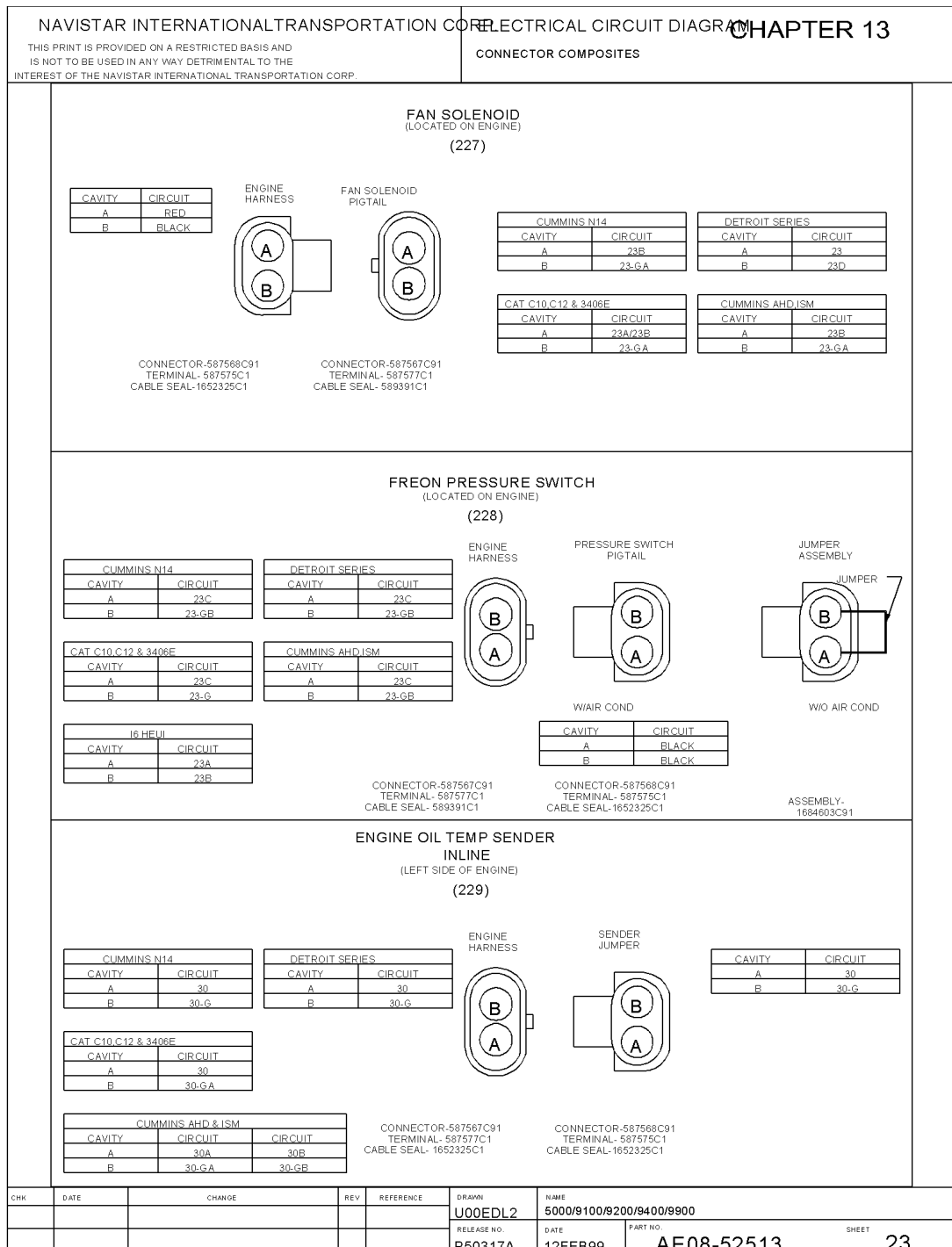


Figure 169 Connector Composites (217), (218), (220), (221)

13.23. CONNECTOR COMPOSITES (227), (228), (229), P. 23

Figure 170 Connector Composites (227), (228), (229)

**5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS**

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13.24. CONNECTOR COMPOSITES (230), (231), (236), (241), P. 24

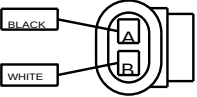
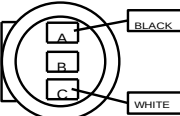
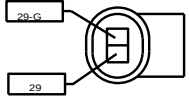
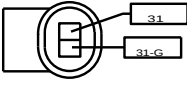
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																									
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BACK-UP LIGHT SWITCH (230) LOCATED ON TOP OF TRANSMISSION W/FULLER C2000 TRANSMISSION  CONNECTOR 1661778C1 TERMINAL 1661875C1 SEAL 1661872C1 LOCK 1661874C1 W/ALL OTHER TRANSMISSION'S  CONNECTOR (CB SLEEVE)- AM-89000 #7 TERMINAL-0425058C1																																													
ENGINE WATER TEMP (231) (LOCATED ON ENGINE) ENGINE HARNESS  CONNECTOR-1675752C1 TERMINAL-1651943C1 CABLE SEAL-1661872C1																																													
TRANSMISSION OIL TEMPERATURE SENDER (236) (ON TRANSMISSION)  CONNECTOR-1675752C1 TERMINAL-1651943C1 CABLE SEAL-1661872C1				DIAGNOSTIC ON/OFF SWITCH (241)  CONNECTOR-2009385C1 CAVITIES 1-6 TERMINAL(18+18AWG)- 1661226C1 TERMINAL(12AWG)- 1661227C1 CAVITIES 7-8 TERMINAL(16AWG)- 1661209C1 TERMINAL(18AWG)- 1661208C1 <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">16 HELIX</th> </tr> <tr> <th style="text-align: center;">CAVITY</th> <th style="text-align: center;">CIRCUIT</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">1</td><td style="text-align: center;">---</td></tr> <tr><td style="text-align: center;">2</td><td style="text-align: center;">---</td></tr> <tr><td style="text-align: center;">3</td><td style="text-align: center;">---</td></tr> <tr><td style="text-align: center;">4</td><td style="text-align: center;">---</td></tr> <tr><td style="text-align: center;">5</td><td style="text-align: center;">97-GE</td></tr> <tr><td style="text-align: center;">6</td><td style="text-align: center;">97-AM</td></tr> <tr><td style="text-align: center;">7</td><td style="text-align: center;">62R</td></tr> <tr><td style="text-align: center;">8</td><td style="text-align: center;">62-GR</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: center;">CAVITY</th> <th style="text-align: center;">CIRCUIT</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">1</td><td style="text-align: center;">---</td></tr> <tr><td style="text-align: center;">2</td><td style="text-align: center;">---</td></tr> <tr><td style="text-align: center;">3</td><td style="text-align: center;">---</td></tr> <tr><td style="text-align: center;">4</td><td style="text-align: center;">---</td></tr> <tr><td style="text-align: center;">5</td><td style="text-align: center;">97-GE</td></tr> <tr><td style="text-align: center;">6</td><td style="text-align: center;">97AM</td></tr> <tr><td style="text-align: center;">7</td><td style="text-align: center;">62R</td></tr> <tr><td style="text-align: center;">8</td><td style="text-align: center;">62-GR</td></tr> </tbody> </table>				16 HELIX		CAVITY	CIRCUIT	1	---	2	---	3	---	4	---	5	97-GE	6	97-AM	7	62R	8	62-GR	CAVITY	CIRCUIT	1	---	2	---	3	---	4	---	5	97-GE	6	97AM	7	62R	8	62-GR
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					RELEASE NO. P50317A	DATE 12FEB99	PART NO. AF08-52513																																						
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Figure 171 Connector Composites (230), (231), (236), (241)

13.25. CONNECTOR COMPOSITES (243), (244), (249), (250), (251), P. 25

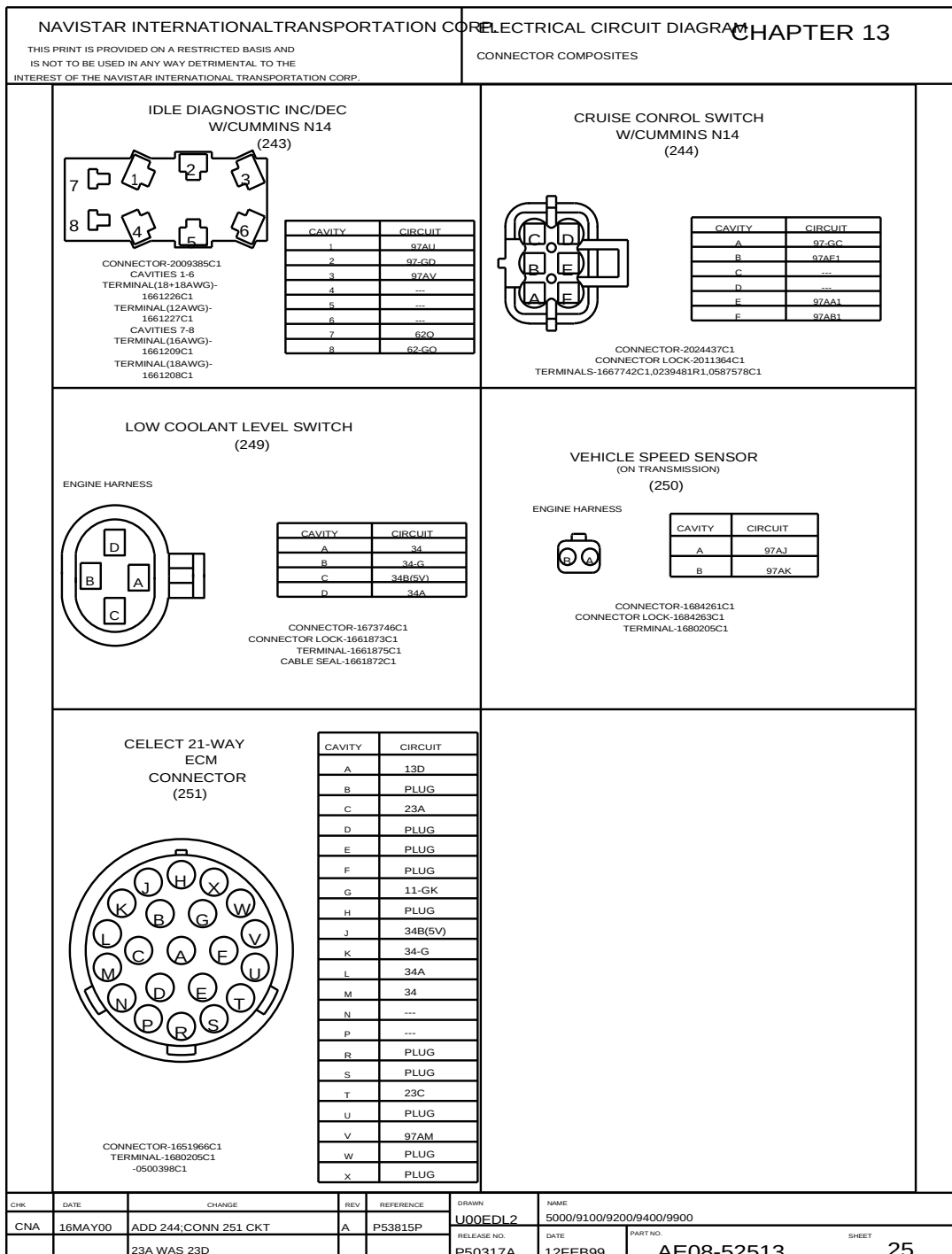


Figure 172 Connector Composites (243), (244), (249), (250), (251)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.26. CONNECTOR COMPOSITES (252), (260), (267), P. 26

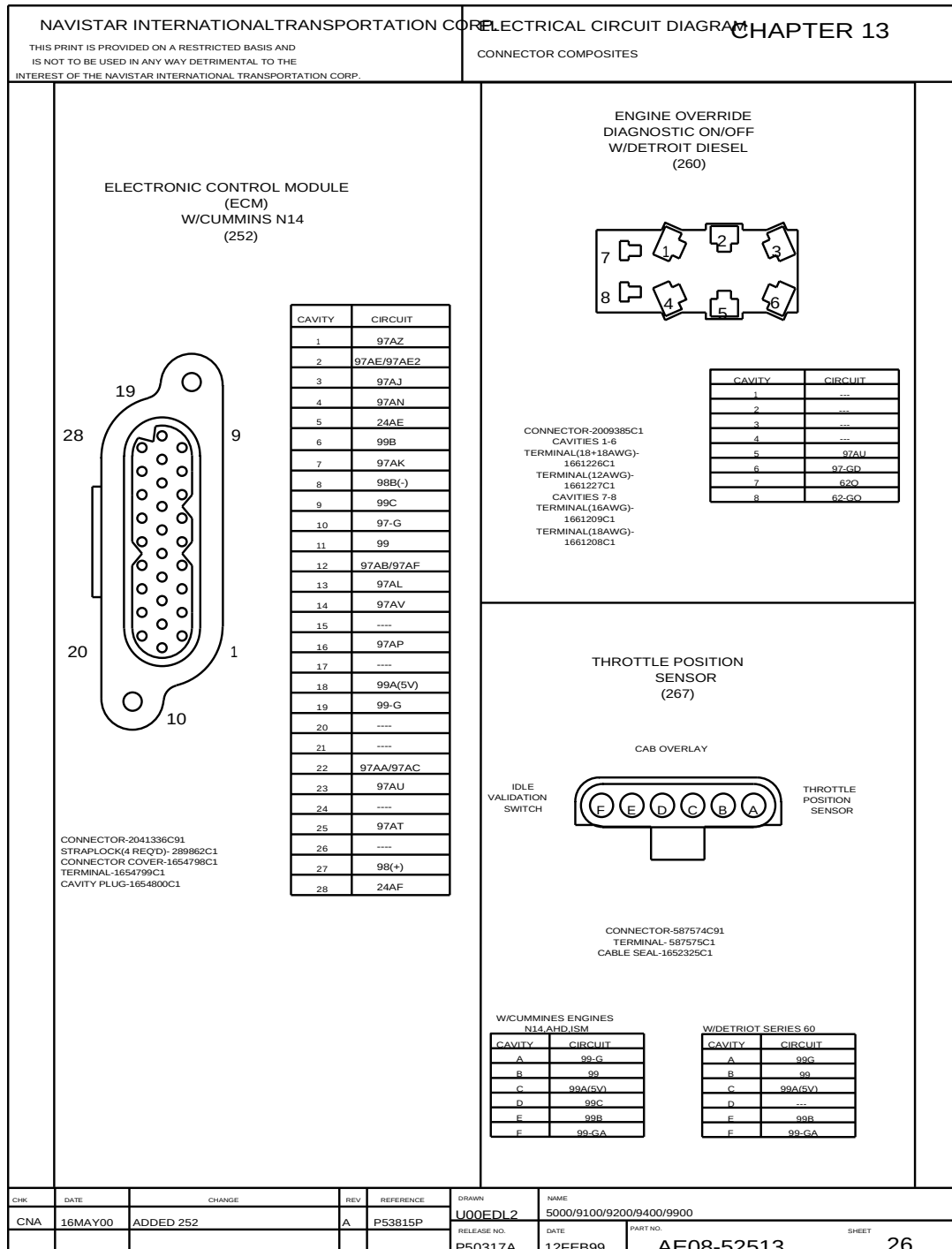


Figure 173 Connector Composites (252), (260), (267)

13.27. CONNECTOR COMPOSITES (268), (273), (275), (278), (282), (289), P. 27

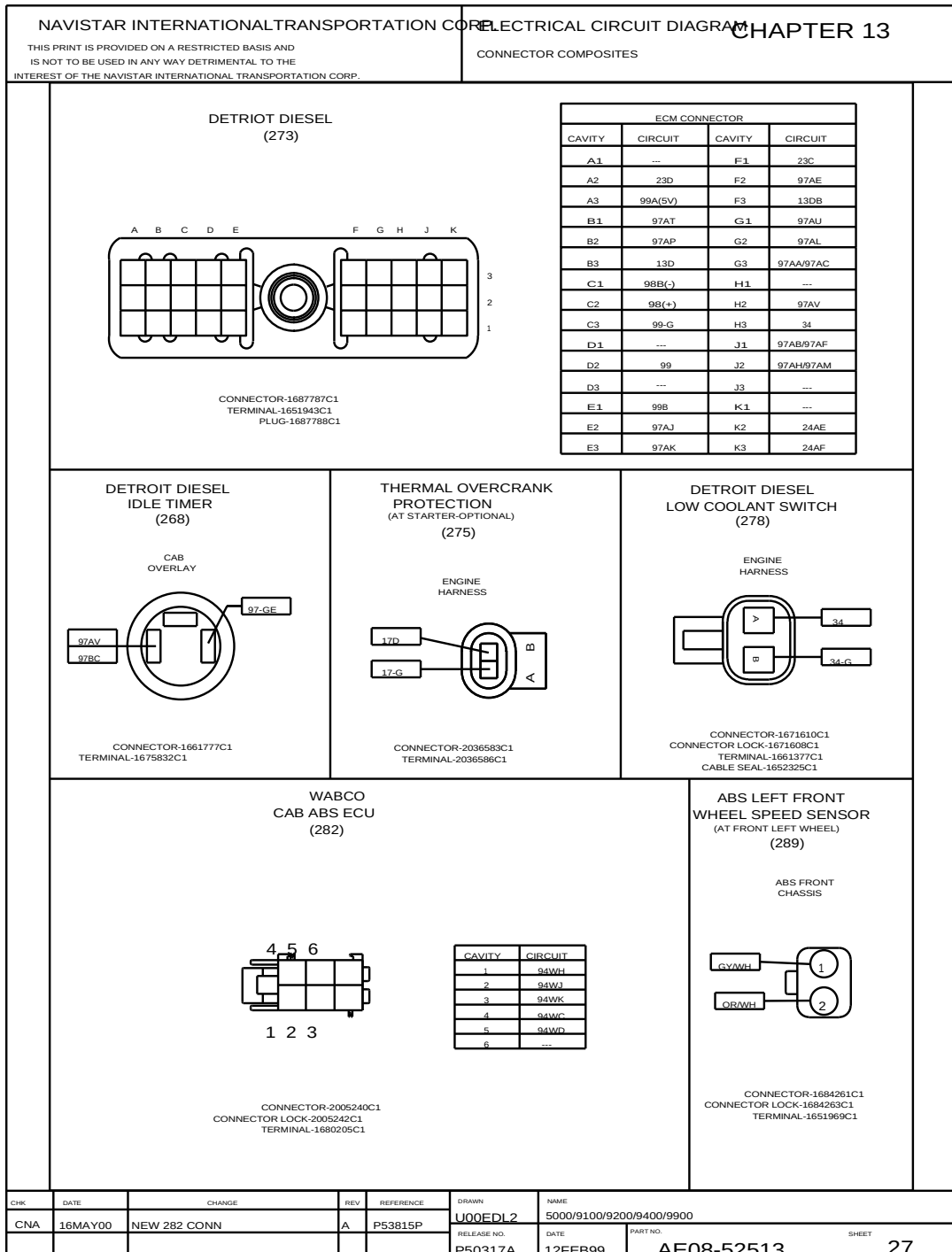


Figure 174 Connector Composites (268), (273), (275), (278), (282), (289)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

175

13.28. CONNECTOR COMPOSITES (290), (291), (292), (293), (294), (296), P. 28

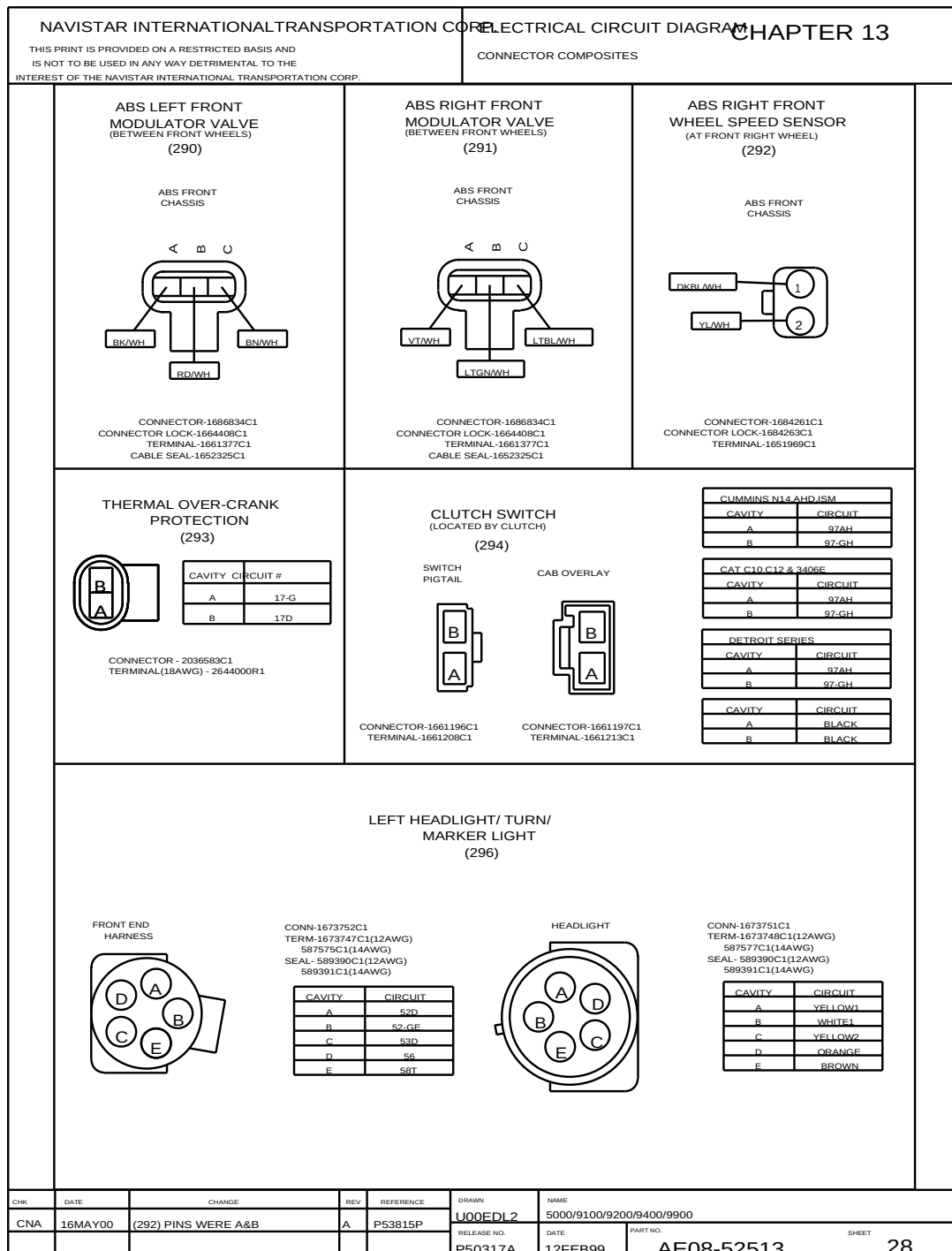


Figure 175 Connector Composites (290), (291), (292), (293), (294), (296)

13.29. CONNECTOR COMPOSITES (298), (299), (311), (312), (313), (315, 316), P. 29

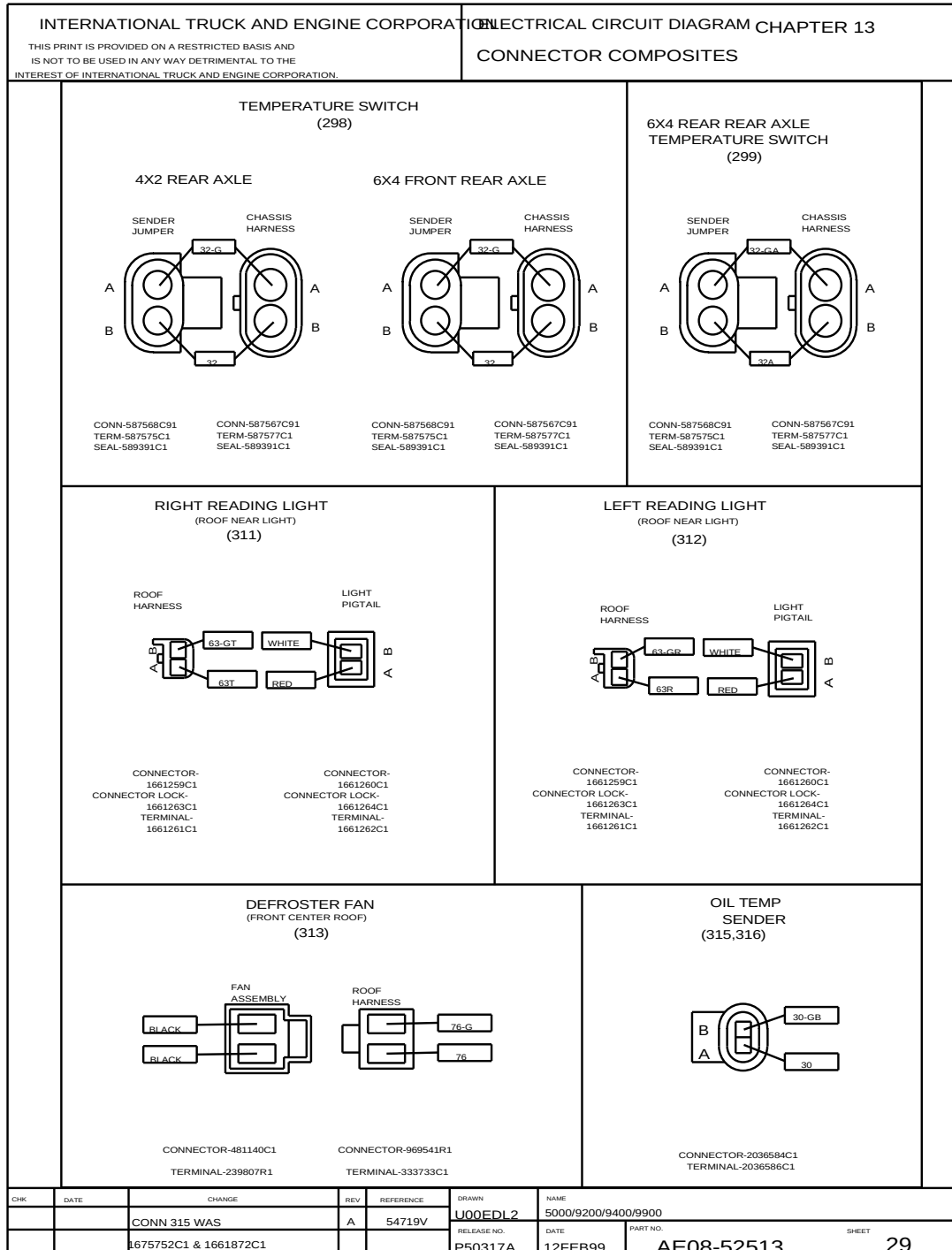


Figure 176 Connector Composites (298), (299), (311), (312), (313), (315, 316)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

177

13.30. CONNECTOR COMPOSITES (316), (318), (320), (321), (322), (323), P. 30

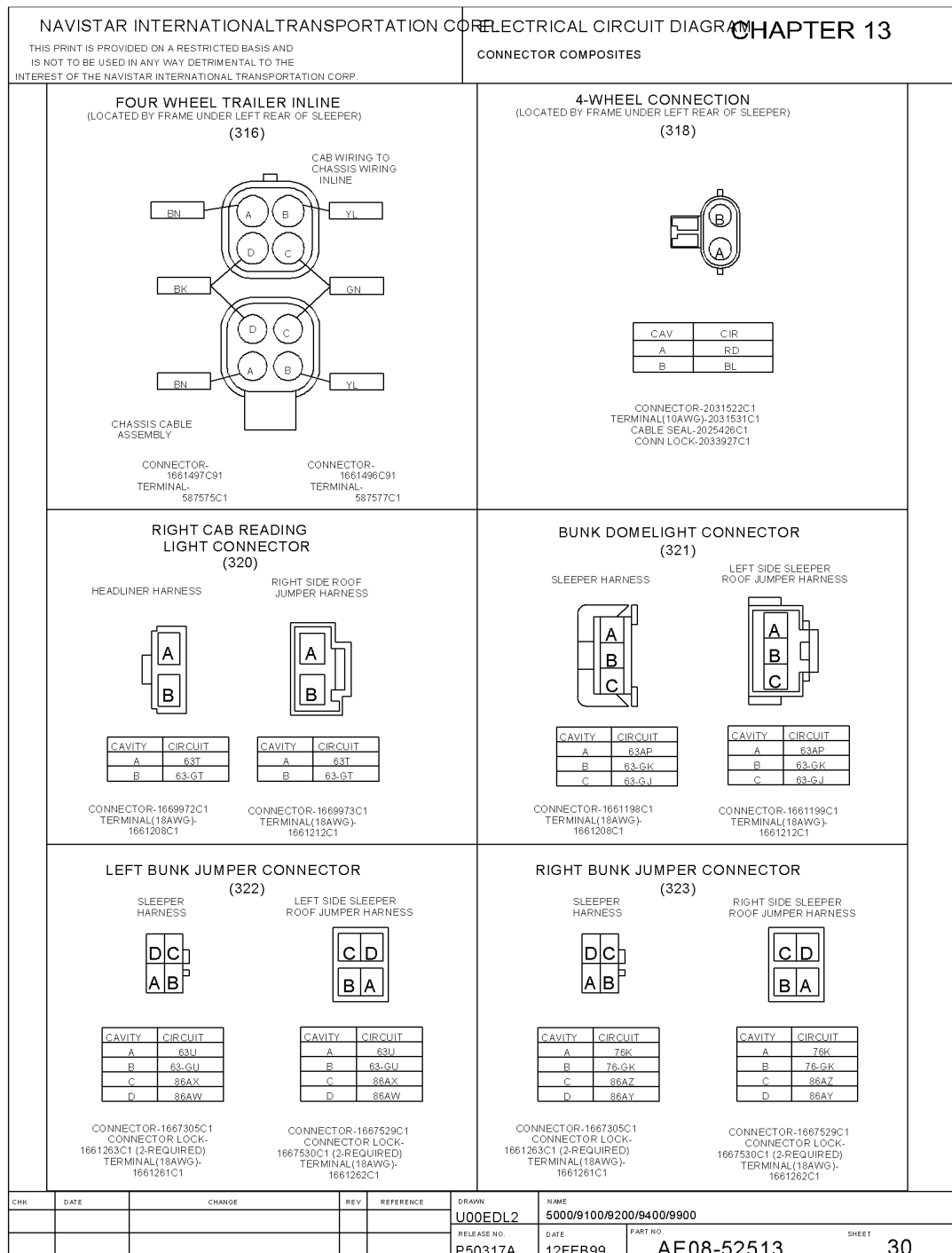


Figure 177 Connector Composites (316), (318), (320), (321), (322), (323)

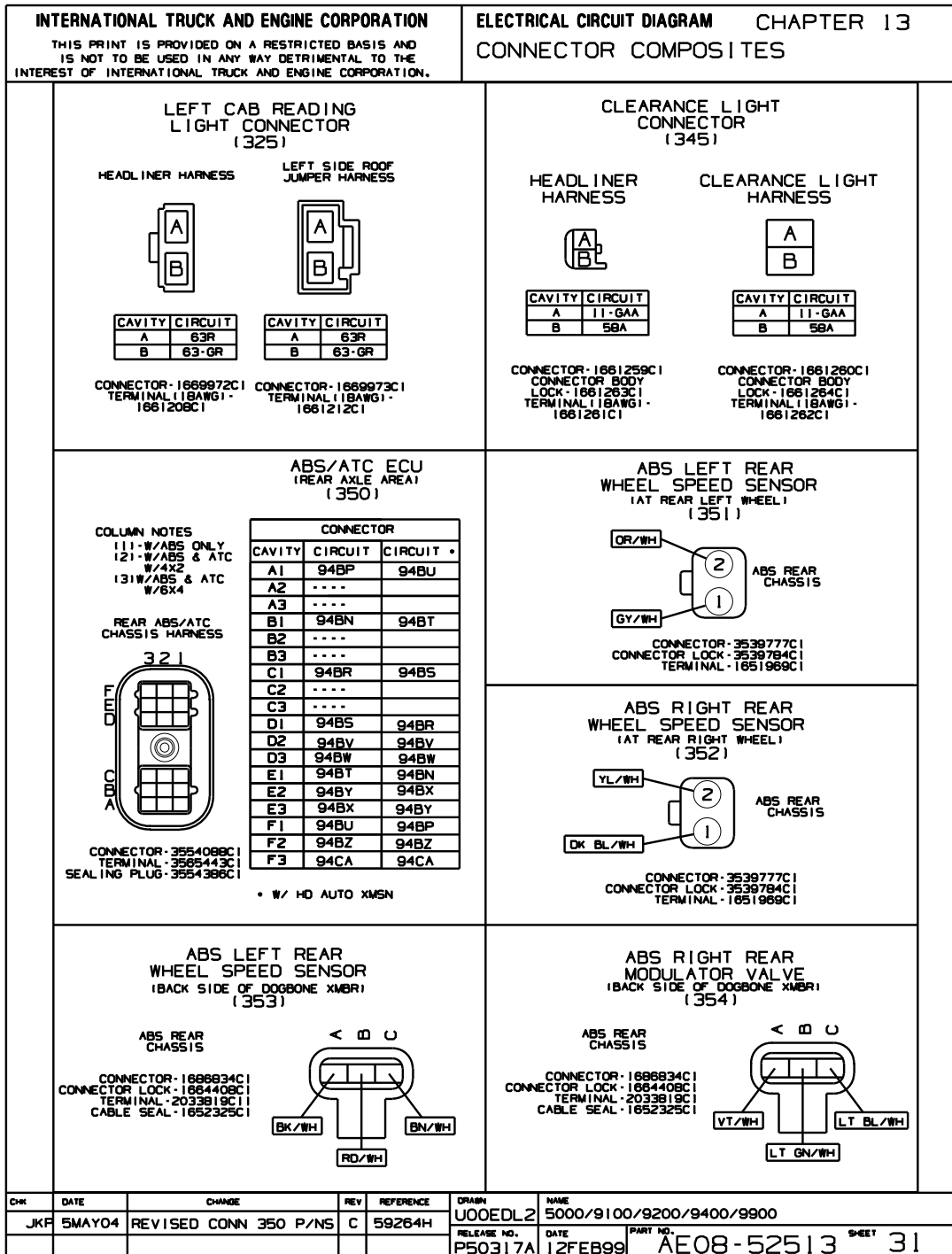
13.31. CONNECTOR COMPOSITES (325), (345), (350), (351), (352), (353), (354), P. 31

Figure 178 Connector Composites (325), (345), (350), (351), (352), (353), (354)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS

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13.32. CONNECTOR COMPOSITES (355), (360), (363), (379), (393), (396), P. 32

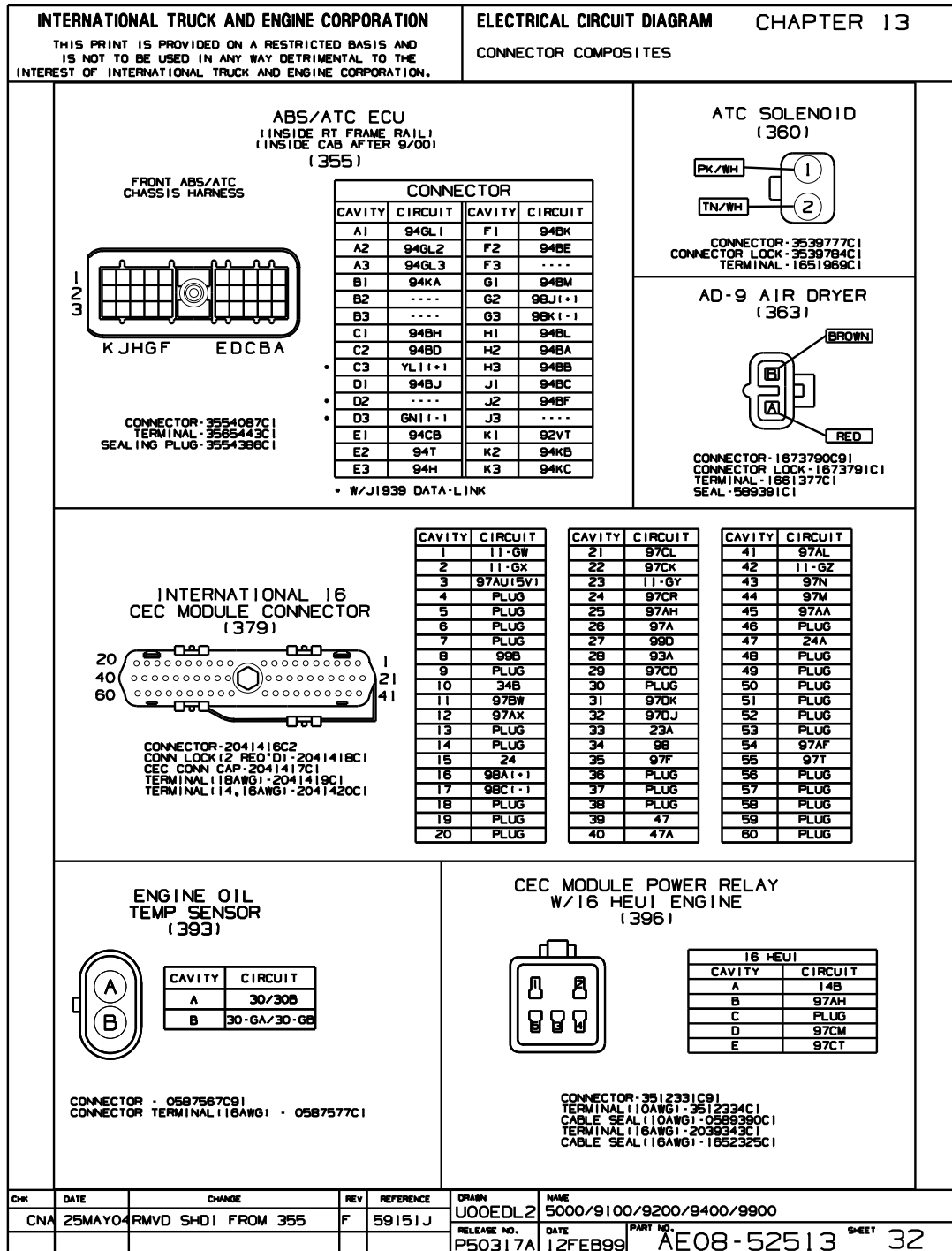


Figure 179 Connector Composites (355), (360), (363), (379), (393), (396)

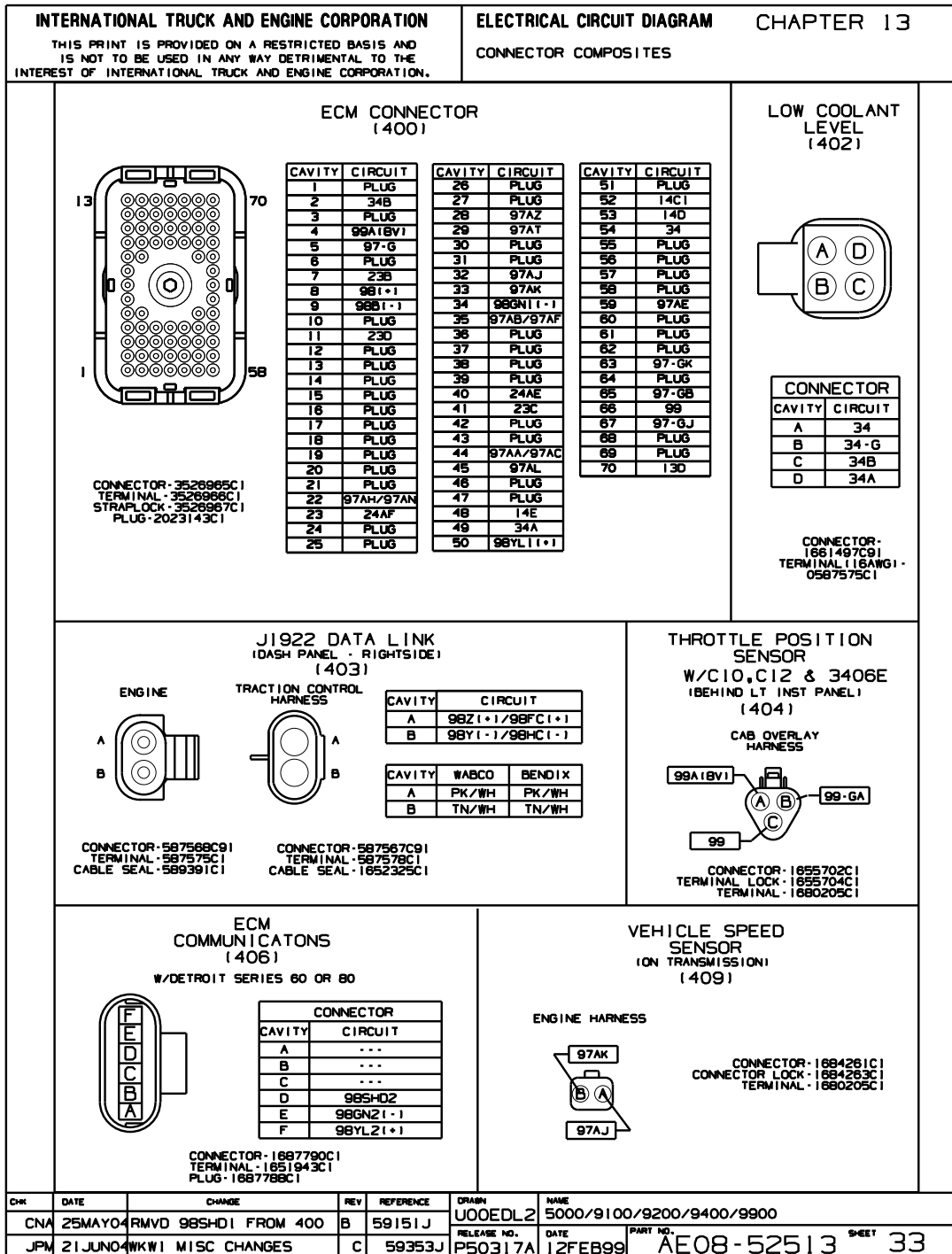
13.33. CONNECTOR COMPOSITES (400), (402), (403), (404), (406), (409), P. 33

Figure 180 Connector Composites (400), (402), (403), (404), (406), (409)

**5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS**

181

13.34. CONNECTOR COMPOSITES (417), (420), (421), P. 34

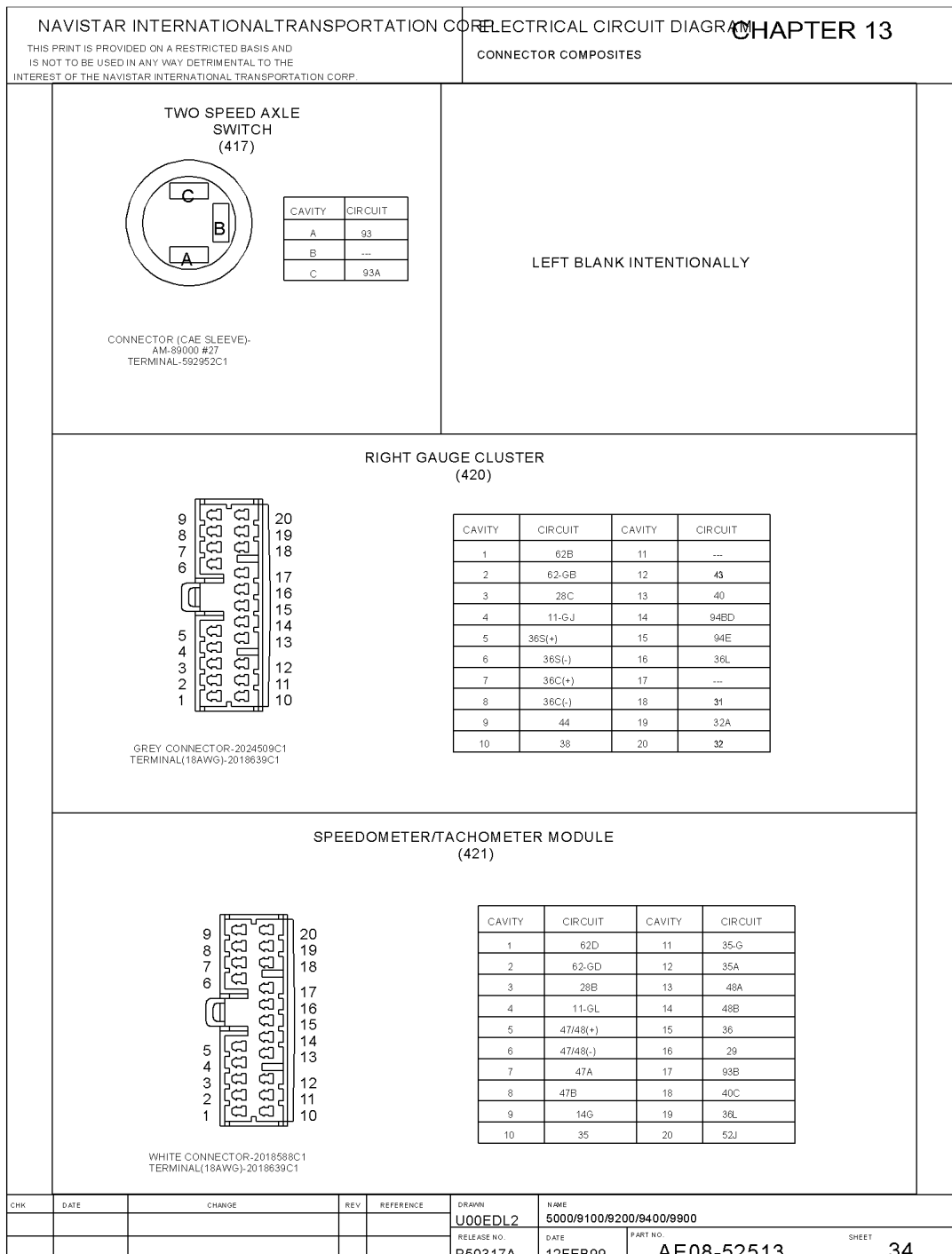


Figure 181 Connector Composites (417), (420), (421)

13.35. CONNECTOR COMPOSITES (422), (423), (424), (425), (426), P. 35

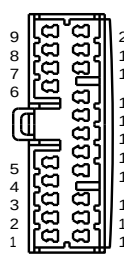
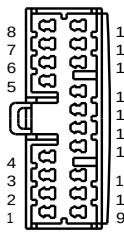
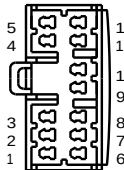
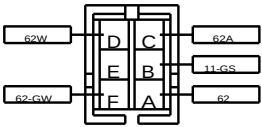
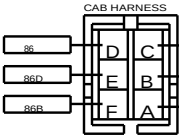
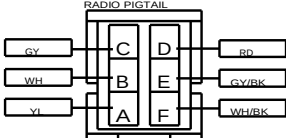
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																															
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR COMPOSITES																																															
SPEEDOMETER/TACHOMETER MODULE (422)  YELLOW CONNECTOR-2018591C1 TERMINAL(18AWG)-2018639C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAVITY</th><th>CIRCUIT</th><th>CAVITY</th><th>CIRCUIT</th></tr> </thead> <tbody> <tr><td>1</td><td>57R</td><td>11</td><td>35C(+)</td></tr> <tr><td>2</td><td>56R</td><td>12</td><td>35C(-)</td></tr> <tr><td>3</td><td>29L</td><td>13</td><td>27S(+)</td></tr> <tr><td>4</td><td>35L</td><td>14</td><td>27S(-)</td></tr> <tr><td>5</td><td>29S(+)</td><td>15</td><td>27C(+)</td></tr> <tr><td>6</td><td>29S(-)</td><td>16</td><td>27C(-)</td></tr> <tr><td>7</td><td>29C(+)</td><td>17</td><td>36S(+)</td></tr> <tr><td>8</td><td>29C(-)</td><td>18</td><td>36S(-)</td></tr> <tr><td>9</td><td>35S(+)</td><td>19</td><td>36C(+)</td></tr> <tr><td>10</td><td>35S(-)</td><td>20</td><td>36C(-)</td></tr> </tbody> </table>								CAVITY	CIRCUIT	CAVITY	CIRCUIT	1	57R	11	35C(+)	2	56R	12	35C(-)	3	29L	13	27S(+)	4	35L	14	27S(-)	5	29S(+)	15	27C(+)	6	29S(-)	16	27C(-)	7	29C(+)	17	36S(+)	8	29C(-)	18	36S(-)	9	35S(+)	19	36C(+)	10	35S(-)	20	36C(-)
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PANEL LIGHTS SWITCH (425)  CONNECTOR-1661200C1 TERMINAL(16AWG)-1661209C1 TERMINAL(18AWG)-1661208C1 RADIO CONNECTOR #1 (426) CAB HARNESS  CONNECTOR-1661200C1 TERMINAL(16AWG)-1661209C1 TERMINAL(18AWG)-1661208C1 RADIO PIGTAIL  CONNECTOR-1661201C1 TERMINAL(18,20AWG)-1661212C1																																																			
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Figure 182 Connector Composites (422), (423), (424), (425), (426)

13.36. CONNECTOR COMPOSITES (427), (428), (429), (430), P. 36

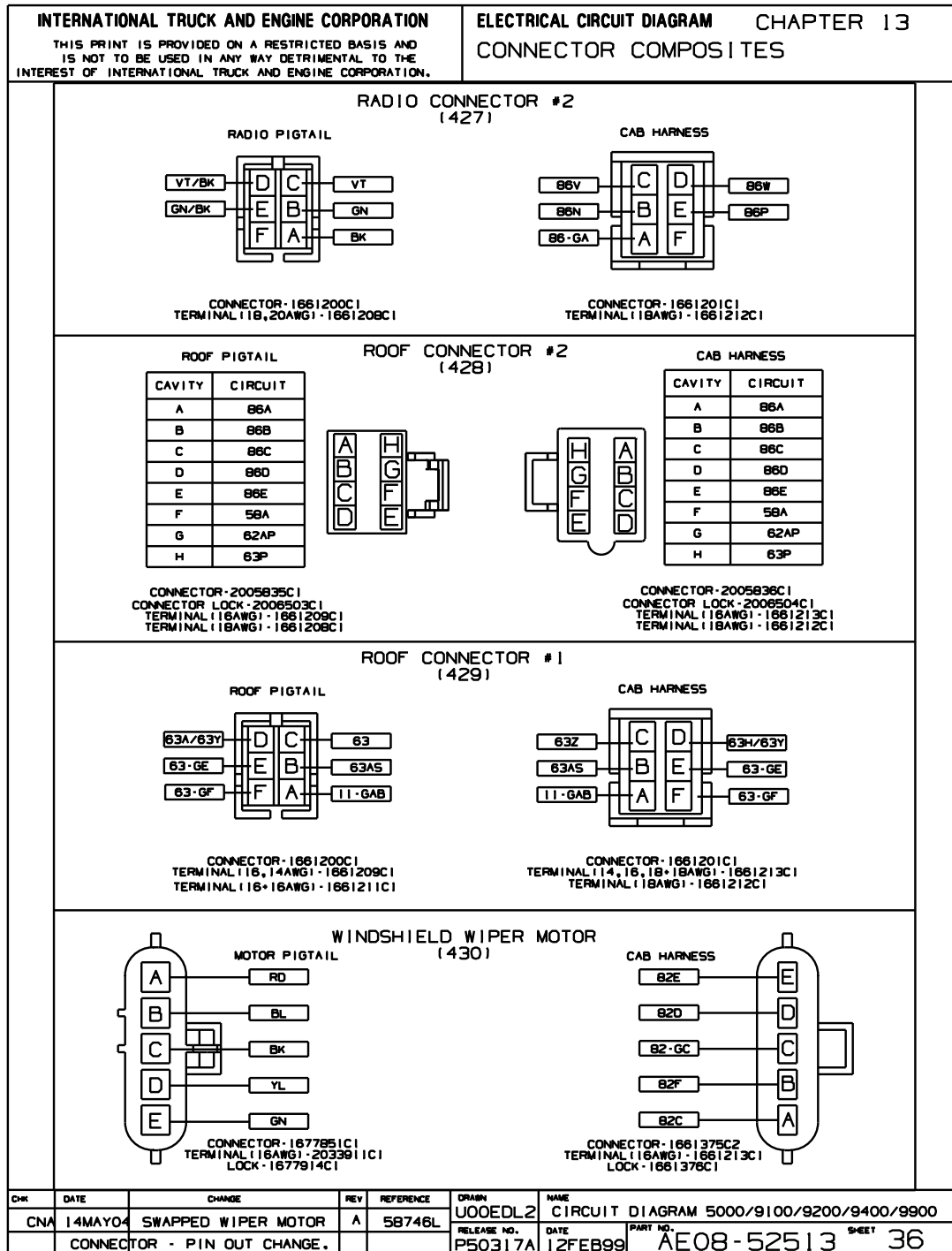


Figure 183 Connector Composites (427), (428), (429), (430)

13.37. CONNECTOR COMPOSITES (433), (434), (435), P. 37

NAVISTAR INTERNATIONAL TRANSPORTATION CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																																																											
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 ENGINE BRAKE SELECTOR SWITCH (433) CONNECTOR-2009385C1 CAVITIES 1-6 TERMINAL(16AWG)-1661226C1 CAVITIES 7-8 TERMINAL(16AWG)-1661209C1 TERMINAL(18AWG)-1661208C1 <table border="1" style="width: 22%; font-size: 0.7em;"> <caption>CUMMINS AHD/ISM</caption> <tr><th>CAVITY</th><th>CIRCUIT</th></tr> <tr><td>1</td><td>---</td></tr> <tr><td>2</td><td>24AD</td></tr> <tr><td>3</td><td>24AE</td></tr> <tr><td>4</td><td>---</td></tr> <tr><td>5</td><td>---</td></tr> <tr><td>6</td><td>24AE/24AP</td></tr> <tr><td>7</td><td>62L</td></tr> <tr><td>8</td><td>62-GL</td></tr> </table> <table border="1" style="width: 22%; font-size: 0.7em;"> <caption>DETROIT SERIES 60</caption> <tr><th>CAVITY</th><th>CIRCUIT</th></tr> <tr><td>1</td><td>---</td></tr> <tr><td>2</td><td>24AD</td></tr> <tr><td>3</td><td>24AF</td></tr> <tr><td>4</td><td>---</td></tr> <tr><td>5</td><td>---</td></tr> <tr><td>6</td><td>24AE</td></tr> <tr><td>7</td><td>62AL</td></tr> <tr><td>8</td><td>62-GL</td></tr> </table> <table border="1" style="width: 22%; font-size: 0.7em;"> <caption>CUMMINS N14</caption> <tr><th>CAVITY</th><th>CIRCUIT</th></tr> <tr><td>1</td><td>---</td></tr> <tr><td>2</td><td>24AD</td></tr> <tr><td>3</td><td>24AE</td></tr> <tr><td>4</td><td>---</td></tr> <tr><td>5</td><td>---</td></tr> <tr><td>6</td><td>24AE</td></tr> <tr><td>7</td><td>62L</td></tr> <tr><td>8</td><td>62-GL</td></tr> </table> <table border="1" style="width: 22%; font-size: 0.7em;"> <caption>CAT C10,C12 & 3406E</caption> <tr><th>CAVITY</th><th>CIRCUIT</th></tr> <tr><td>1</td><td>---</td></tr> <tr><td>2</td><td>24A</td></tr> <tr><td>3</td><td>24AF</td></tr> <tr><td>4</td><td>---</td></tr> <tr><td>5</td><td>---</td></tr> <tr><td>6</td><td>24AE</td></tr> <tr><td>7</td><td>62L</td></tr> <tr><td>8</td><td>62-GL</td></tr> </table>								CAVITY	CIRCUIT	1	---	2	24AD	3	24AE	4	---	5	---	6	24AE/24AP	7	62L	8	62-GL	CAVITY	CIRCUIT	1	---	2	24AD	3	24AF	4	---	5	---	6	24AE	7	62AL	8	62-GL	CAVITY	CIRCUIT	1	---	2	24AD	3	24AE	4	---	5	---	6	24AE	7	62L	8	62-GL	CAVITY	CIRCUIT	1	---	2	24A	3	24AF	4	---	5	---	6	24AE	7	62L	8	62-GL
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Figure 184 Connector Composites (433), (434), (435)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.38. CONNECTOR COMPOSITES (436), (437), (440), (441), (442), P. 38

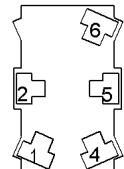
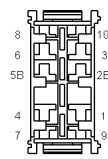
NAVISTAR INTERNATIONAL TRANSPORTATION CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE NAVISTAR INTERNATIONAL TRANSPORTATION CORP.				ELECTRICAL CIRCUIT DIAGRAMS CHAPTER 13 CONNECTOR COMPOSITES																																																															
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Figure 185 Connector Composites (436), (437), (440), (441), (442)

13.39. CONNECTOR COMPOSITES (453), (454), P. 39

NAVISTAR INTERNATIONAL TRANSPORTATION CORP. ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 13																																													
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G1 GROUND ADAPTER (453)			G2 GROUND ADAPTER (454)																																														
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Figure 186 Connector Composites (453), (454)

**5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS**

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13.40. CONNECTOR COMPOSITES (455), (456), (460), (462), P. 40

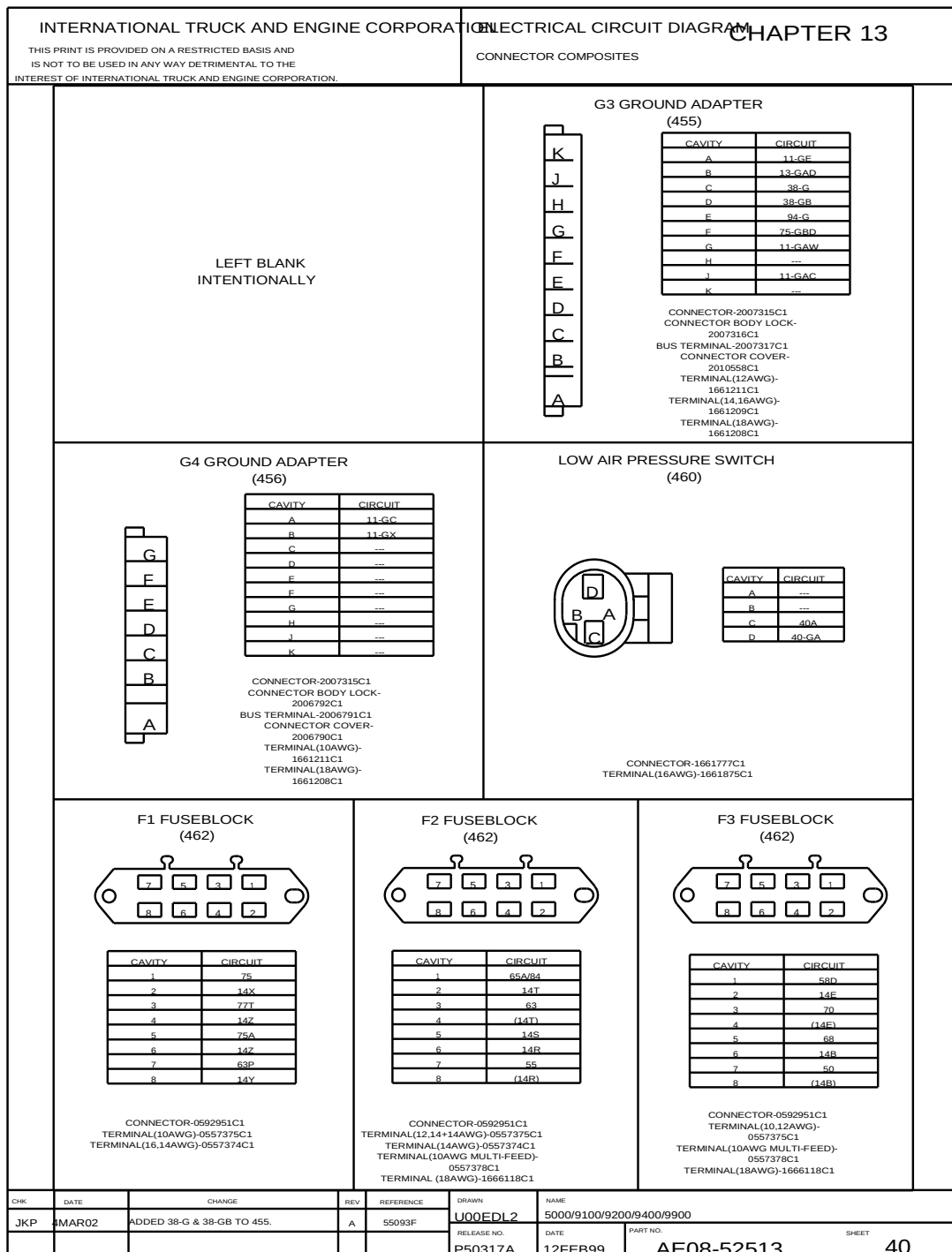
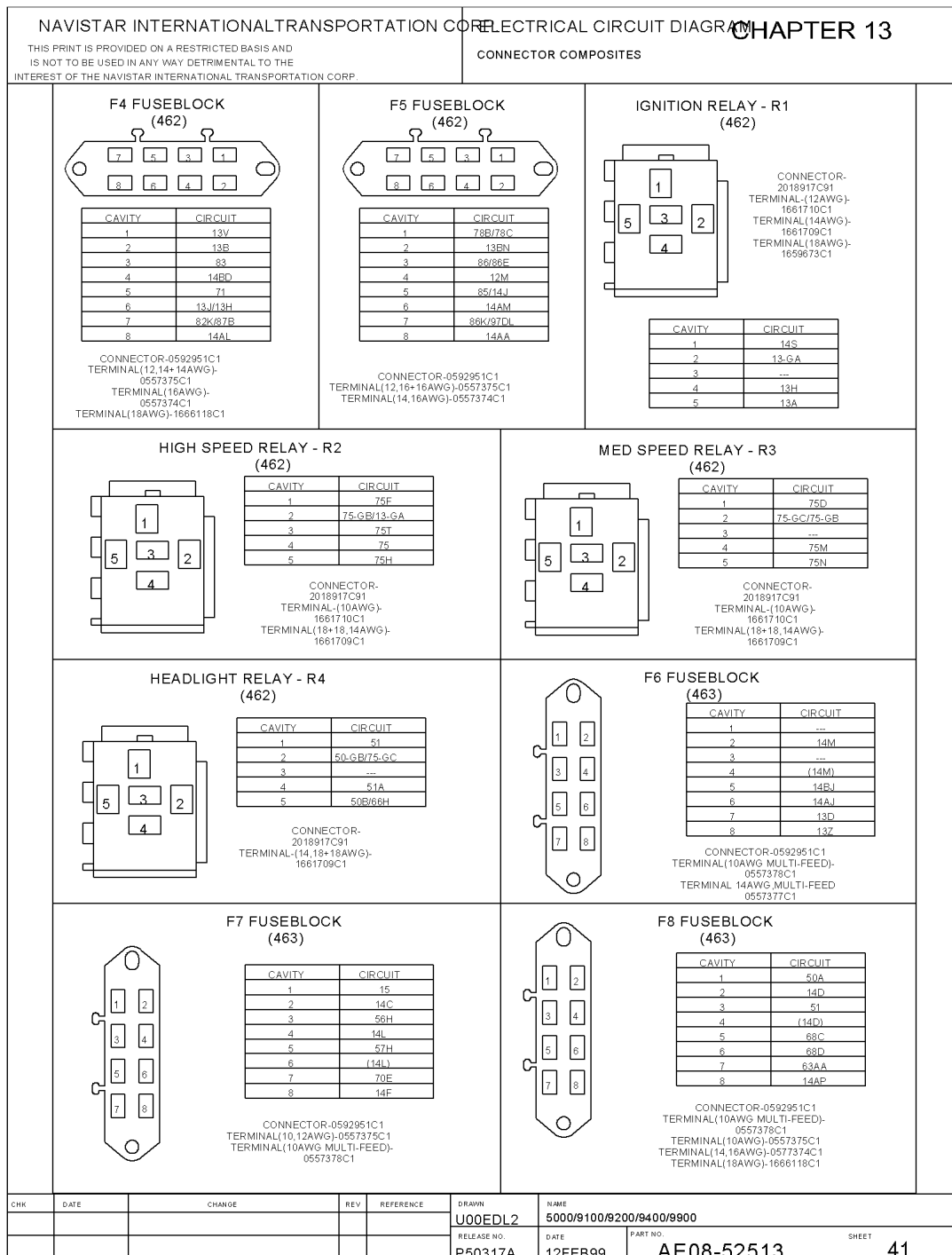


Figure 187 Connector Composites (455), (456), (460), (462)

13.41. CONNECTOR COMPOSITES (462), (463), P. 41

Figure 188 Connector Composites (462), (463)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.42. CONNECTOR COMPOSITES (463), P. 42

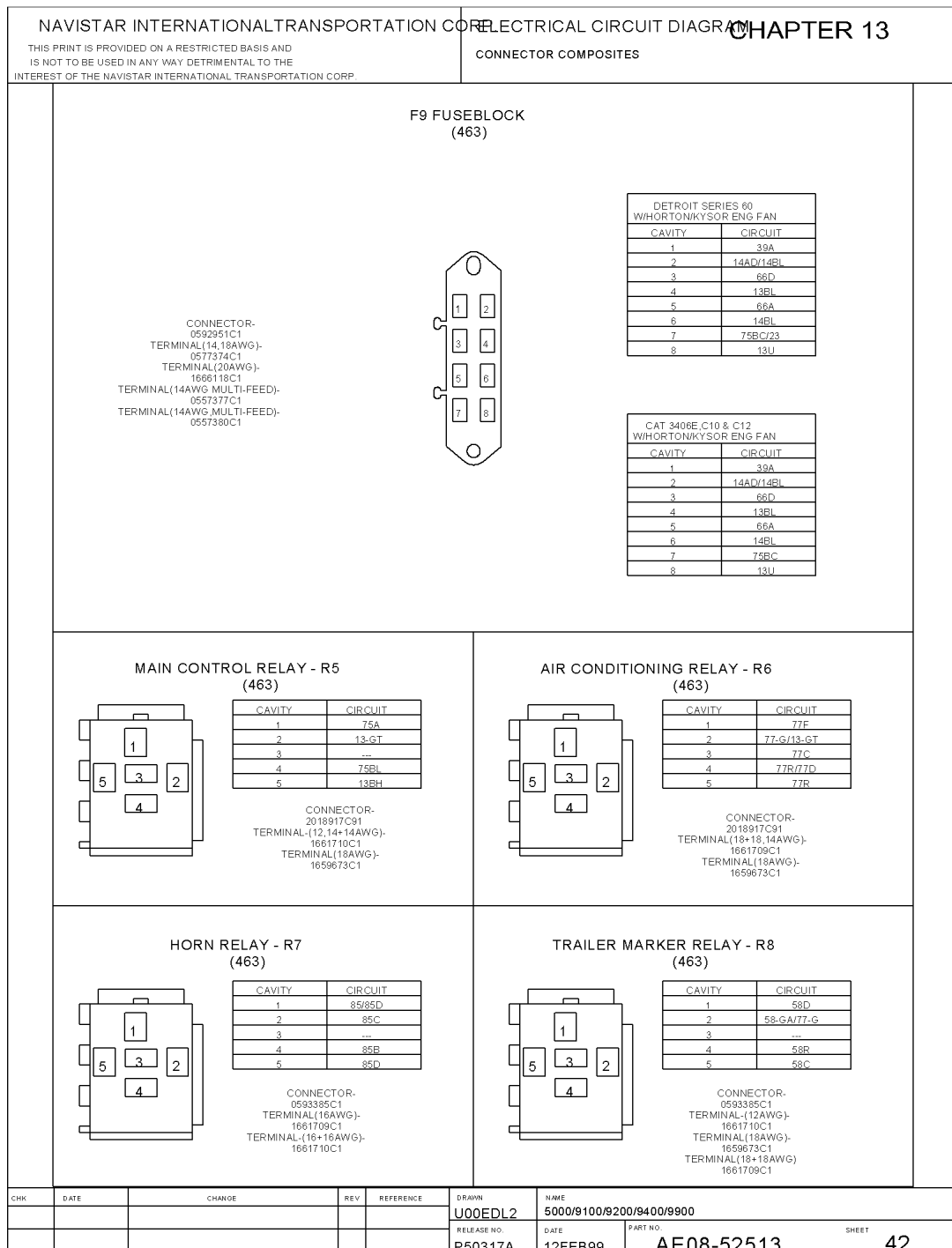


Figure 189 Connector Composites (463)

13.43. CONNECTOR COMPOSITES (464), P. 43

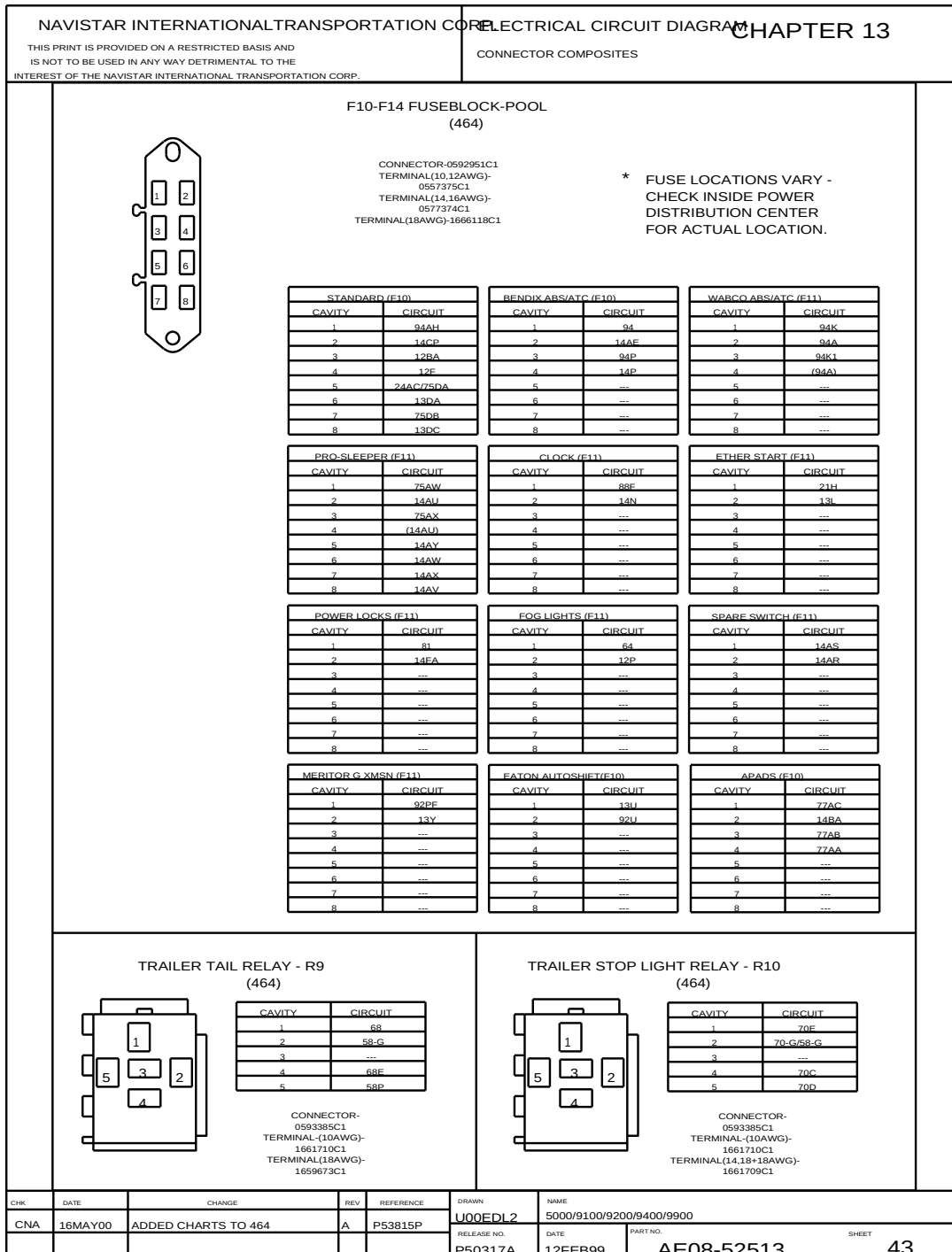


Figure 190 Connector Composites (464)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.44. CONNECTOR COMPOSITES (464), (465), (466), (468), (470), (1000), P. 44

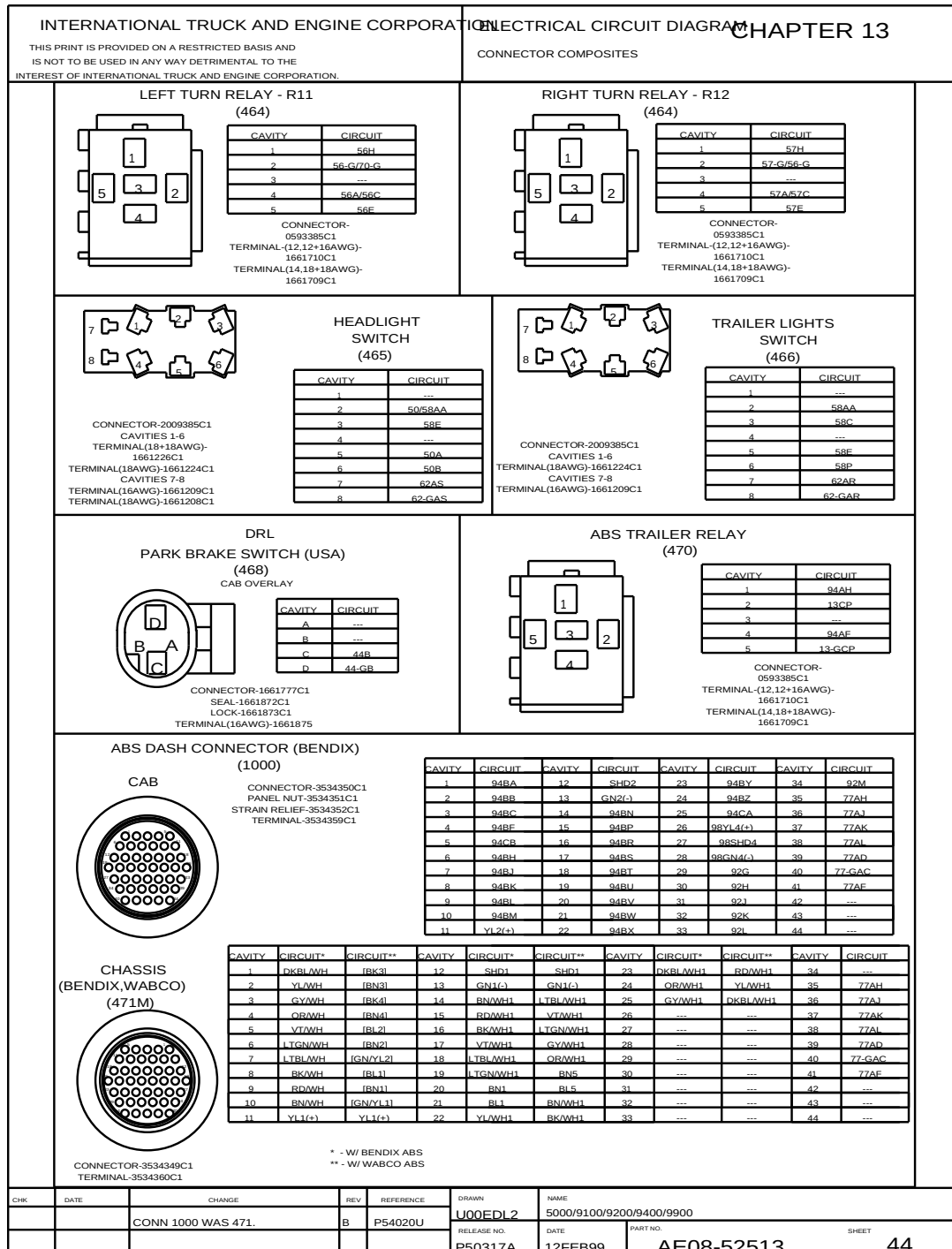
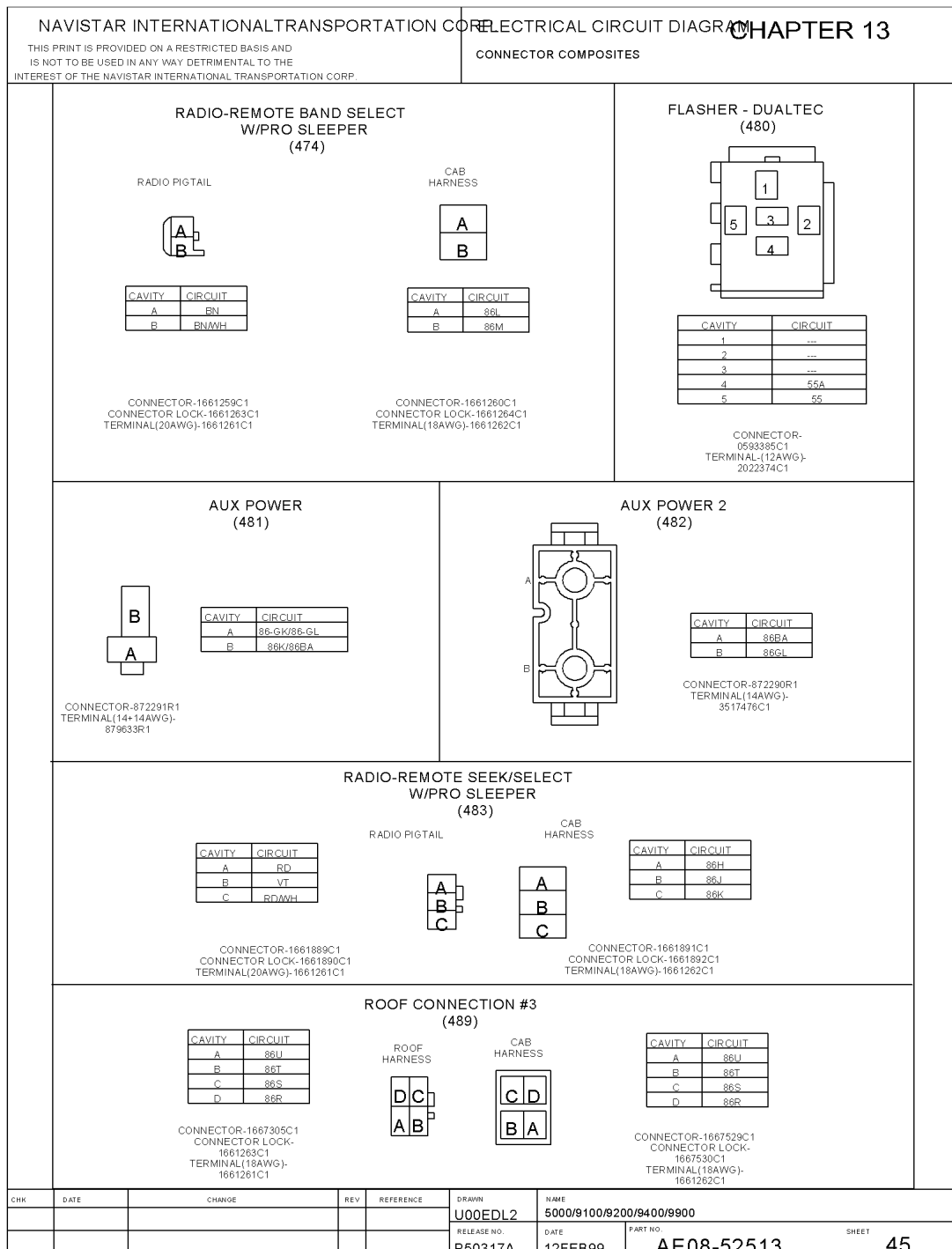


Figure 191 Connector Composites (464), (465), (466), (468), (470), (1000)

13.45. CONNECTOR COMPOSITES (474), (480), (481), (482), (483), (489), P. 45

Figure 192 Connector Composites (474), (480), (481), (482), (483), (489)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.46. CONNECTOR COMPOSITES (491), (492), (494), (495), (497), (498), (499), (501), P. 46

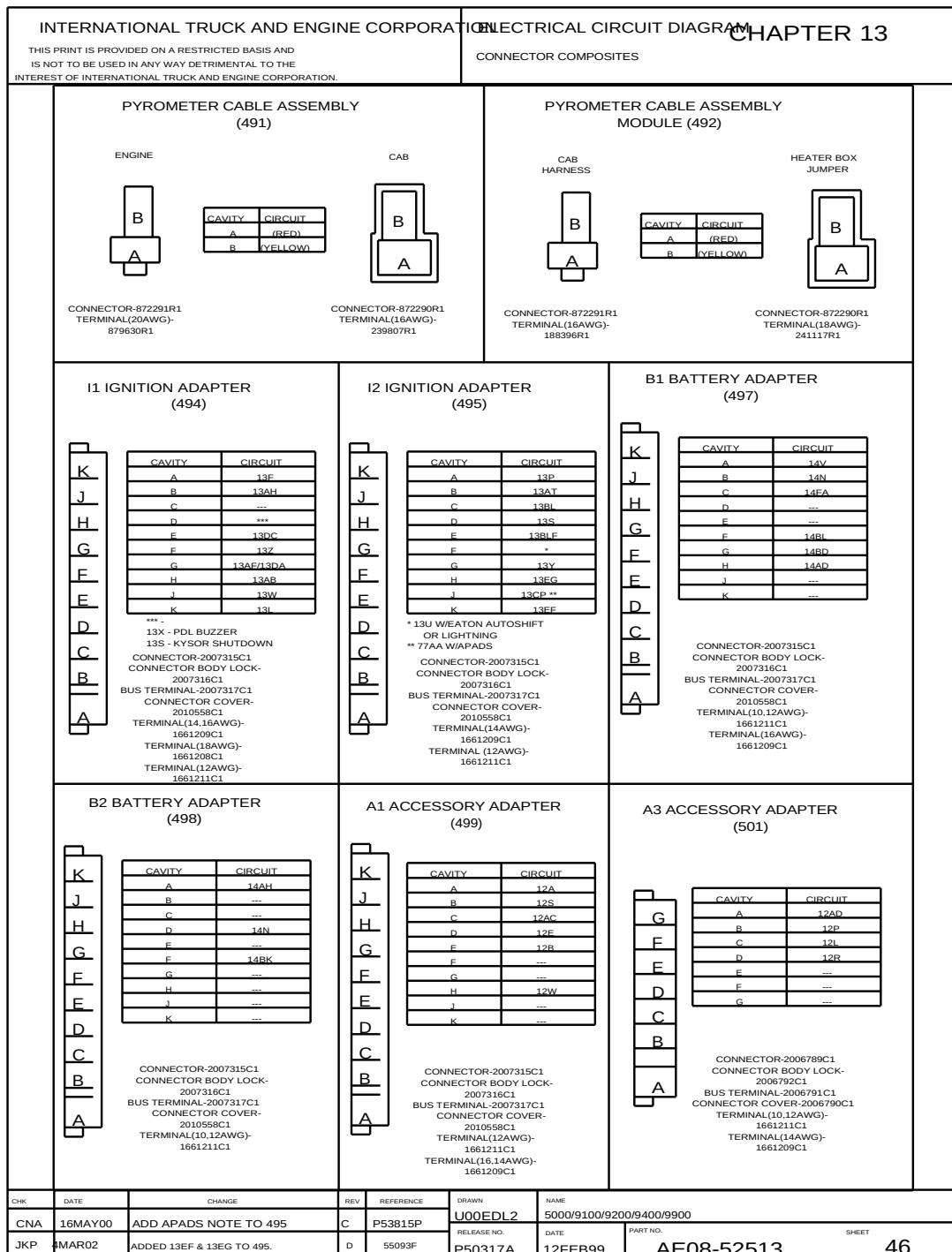


Figure 193 Connector Composites (491), (492), (494), (495), (497), (498), (499), (501)

13.47. CONNECTOR COMPOSITES (502), (503), (504), (506), P. 47

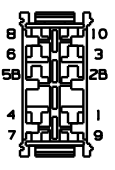
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES																																													
SLEEPER DOME LIGHT SWITCH (502)  <table border="1" style="margin-top: 10px; width: 100%;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> </tr> </thead> <tbody> <tr><td>1</td><td>63-GF</td></tr> <tr><td>2</td><td>63-GA</td></tr> <tr><td>3</td><td>63-GE</td></tr> <tr><td>4</td><td>---</td></tr> <tr><td>5</td><td>---</td></tr> <tr><td>6</td><td>---</td></tr> <tr><td>7</td><td>62Z</td></tr> <tr><td>8</td><td>---</td></tr> <tr><td>9</td><td>62-GE</td></tr> <tr><td>10</td><td>---</td></tr> </tbody> </table> CONNECTOR-3520650c1 CAVITIES 1,3,7 TERMINAL 116AWG1-1661226C1 CAVITY 2B TERMINAL 116AWG1-1661227C1 CAVITY 9 TERMINAL 116AWG1-1661224C1		CAVITY	CIRCUIT	1	63-GF	2	63-GA	3	63-GE	4	---	5	---	6	---	7	62Z	8	---	9	62-GE	10	---	L1 LED PANEL LIGHTS FEED ADAPTER (503)  <table border="1" style="margin-top: 10px; width: 100%;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> </tr> </thead> <tbody> <tr><td>A</td><td>62M</td></tr> <tr><td>B</td><td>62AL/62BE</td></tr> <tr><td>C</td><td>62AN</td></tr> <tr><td>D</td><td>62BP</td></tr> <tr><td>E</td><td>62AB</td></tr> <tr><td>F</td><td>62AB/62AL</td></tr> <tr><td>G</td><td>62AB</td></tr> <tr><td>H</td><td>62AB</td></tr> <tr><td>J</td><td>62M</td></tr> <tr><td>K</td><td>62AO</td></tr> </tbody> </table> CONNECTOR-2007315C1 CONNECTOR BODY LOCK-2007316C1 BUS TERMINAL-2007317C1 CONNECTOR COVER-2010556C1 TERMINAL 116AWG1-1661209C1				CAVITY	CIRCUIT	A	62M	B	62AL/62BE	C	62AN	D	62BP	E	62AB	F	62AB/62AL	G	62AB	H	62AB	J	62M	K	62AO
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L2 LED PANEL LIGHTS FEED ADAPTER (504)  <table border="1" style="margin-top: 10px; width: 100%;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> </tr> </thead> <tbody> <tr><td>A</td><td>62AE</td></tr> <tr><td>B</td><td>92P</td></tr> <tr><td>C</td><td>---</td></tr> <tr><td>D</td><td>62X</td></tr> <tr><td>E</td><td>---</td></tr> <tr><td>F</td><td>---</td></tr> <tr><td>G</td><td>62AJ/62PLF</td></tr> <tr><td>H</td><td>62U</td></tr> <tr><td>J</td><td>62H</td></tr> <tr><td>K</td><td>62AY</td></tr> </tbody> </table> --CKT 62Y EATON AUTOSHIFT --- CKT 62AZ HEATED/RT MOTO MIRROR --- CKT 62AV CRUISE/ENG BRAKE W/ELECT ENG CKT 62V ENG BRAKE W/MECH ENG CONNECTOR-2007315C1 CONNECTOR BODY LOCK-2007316C1 BUS TERMINAL-2007317C1 CONNECTOR COVER-2010556C1 TERMINAL 116AWG1-1661209C1		CAVITY	CIRCUIT	A	62AE	B	92P	C	---	D	62X	E	---	F	---	G	62AJ/62PLF	H	62U	J	62H	K	62AY	L4 LED PANEL LIGHTS GROUND ADAPTER (506)  <table border="1" style="margin-top: 10px; width: 100%;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> </tr> </thead> <tbody> <tr><td>A</td><td>11-GP</td></tr> <tr><td>B</td><td>62-GAB</td></tr> <tr><td>C</td><td>---</td></tr> <tr><td>D</td><td>62-GAB</td></tr> <tr><td>E</td><td>62-GAB</td></tr> <tr><td>F</td><td>96-GK</td></tr> <tr><td>G</td><td>62-GAB</td></tr> <tr><td>H</td><td>11-GAL</td></tr> <tr><td>J</td><td>62-GH</td></tr> <tr><td>K</td><td>62-GAY</td></tr> </tbody> </table> --- CKT 11-GT CRUISE/ENG BRAKE W/ELECT ENG CKT 11-GJ ENG BRAKE W/MECH ENG CONNECTOR-2007315C1 CONNECTOR BODY LOCK-2007316C1 BUS TERMINAL-2007317C1 CONNECTOR COVER-2010556C1 TERMINAL 116AWG1-1661209C1 TERMINAL 112AWG1-1661211C1				CAVITY	CIRCUIT	A	11-GP	B	62-GAB	C	---	D	62-GAB	E	62-GAB	F	96-GK	G	62-GAB	H	11-GAL	J	62-GH	K	62-GAY
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						SHEET 47																																											

Figure 194 Connector Composites (502), (503), (504), (506)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.48. CONNECTOR COMPOSITES (509), (511), (512), (513), (514), (515), P. 48

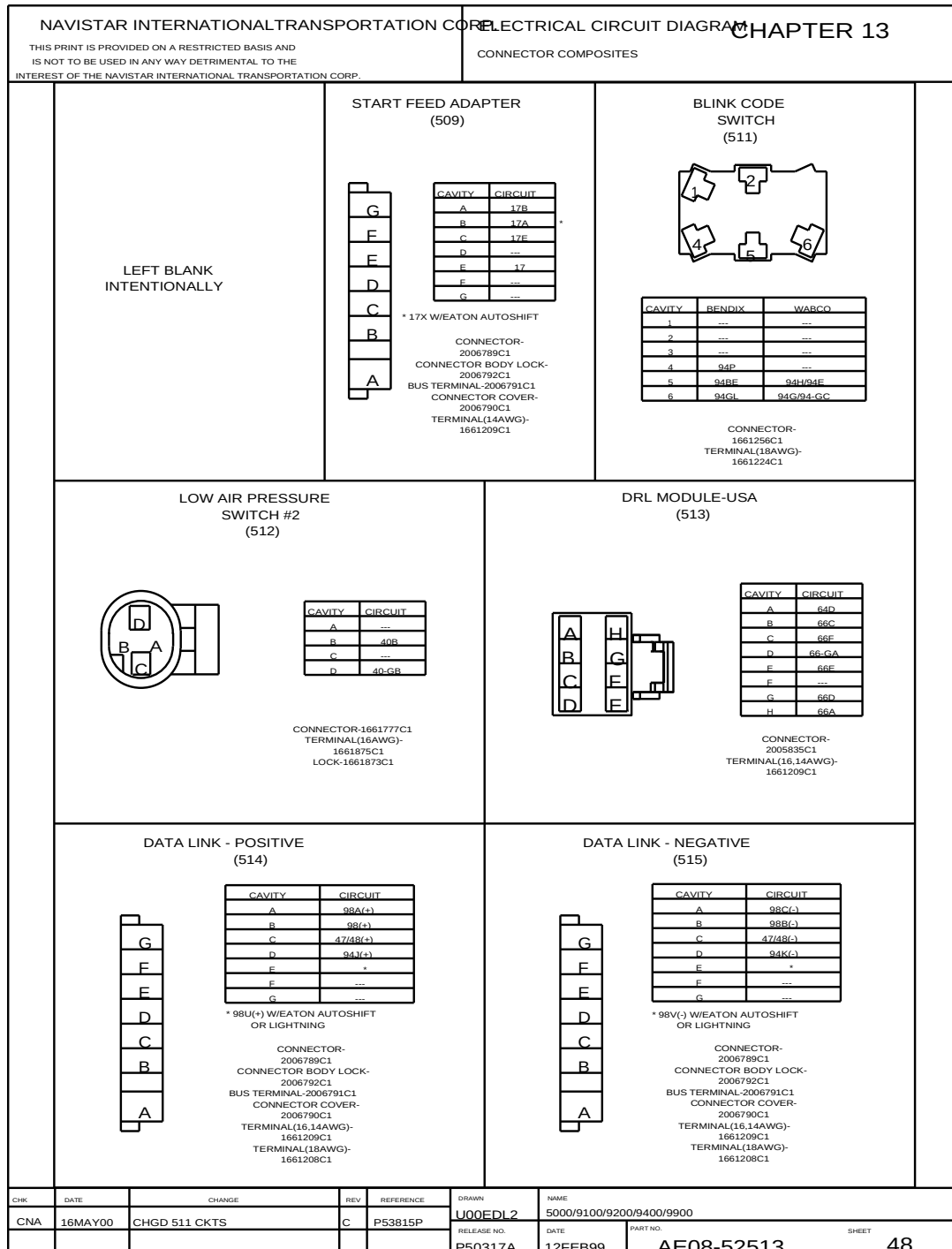
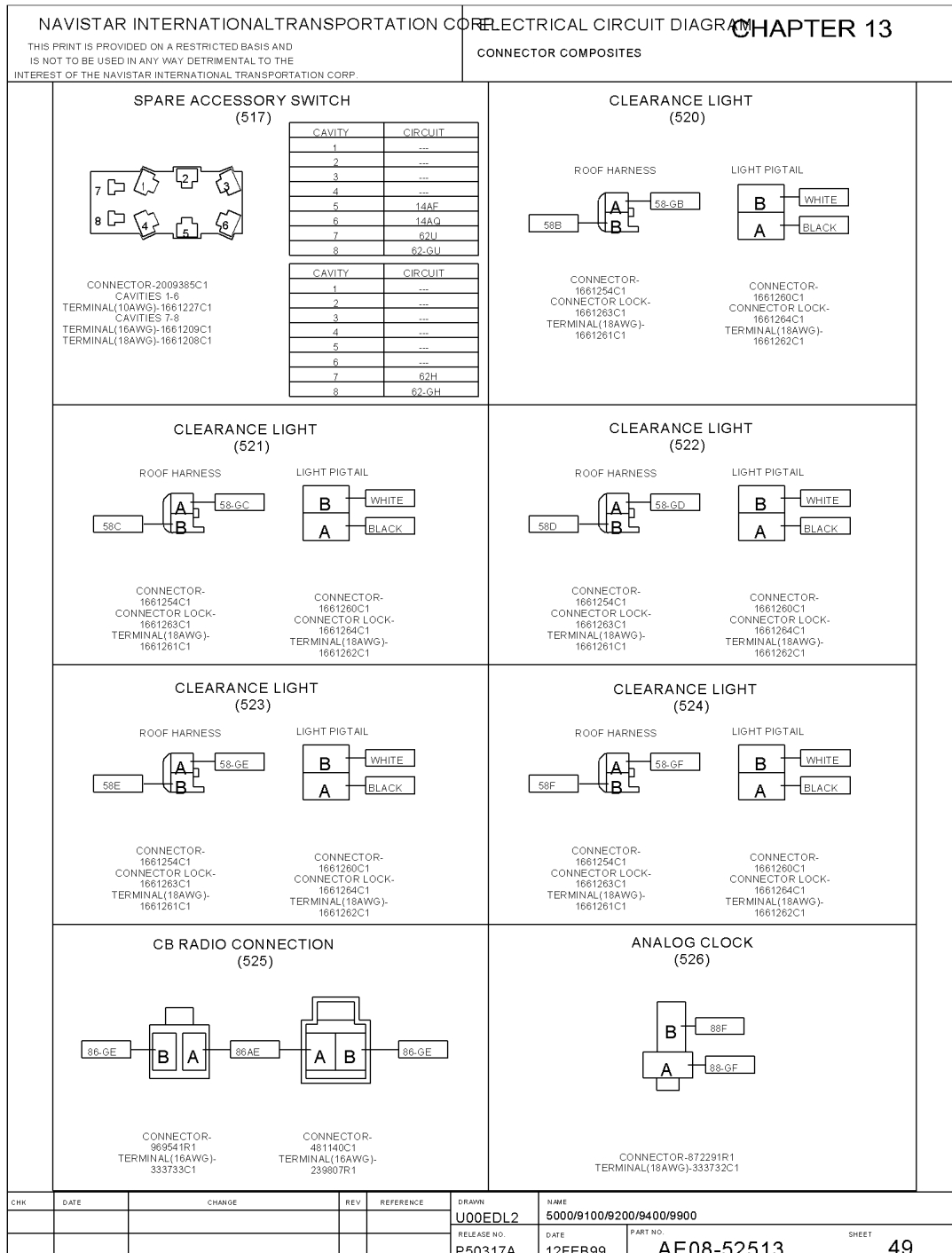


Figure 195 Connector Composites (509), (511), (512), (513), (514), (515)

**13.49. CONNECTOR COMPOSITES (517), (520), (521), (522), (523), (524), (525), (526),
P. 49**

Figure 196 Connector Composites (517), (520), (521), (522), (523), (524), (525), (526)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.50. CONNECTOR COMPOSITES (528), (529), (530), (531), (550), (560), (562), (574), P. 50

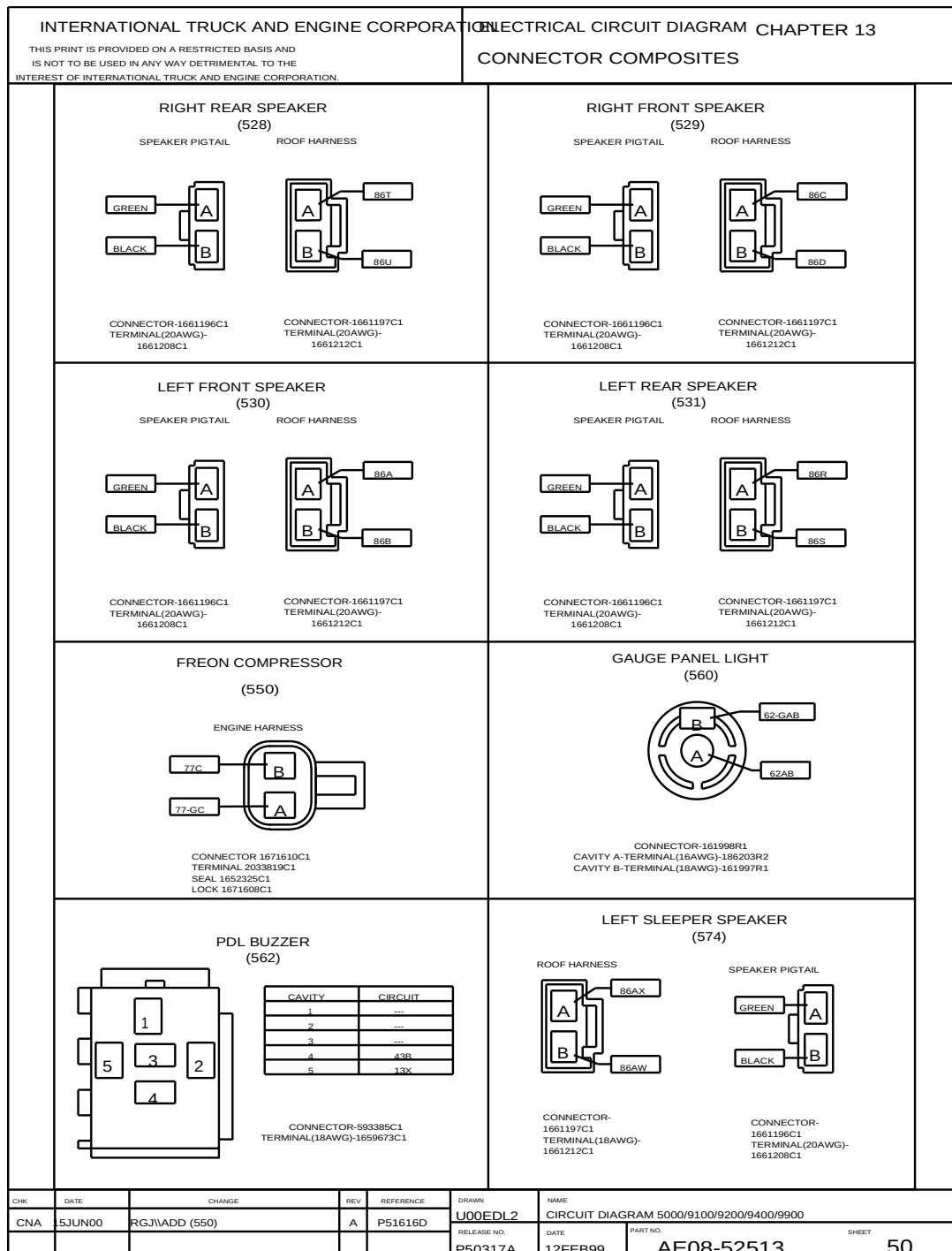


Figure 197 Connector Composites (528), (529), (530), (531), (550), (560), (562), (574)

13.51. CONNECTOR COMPOSITES (575), (576), (577), (578), (579), (582), P. 51

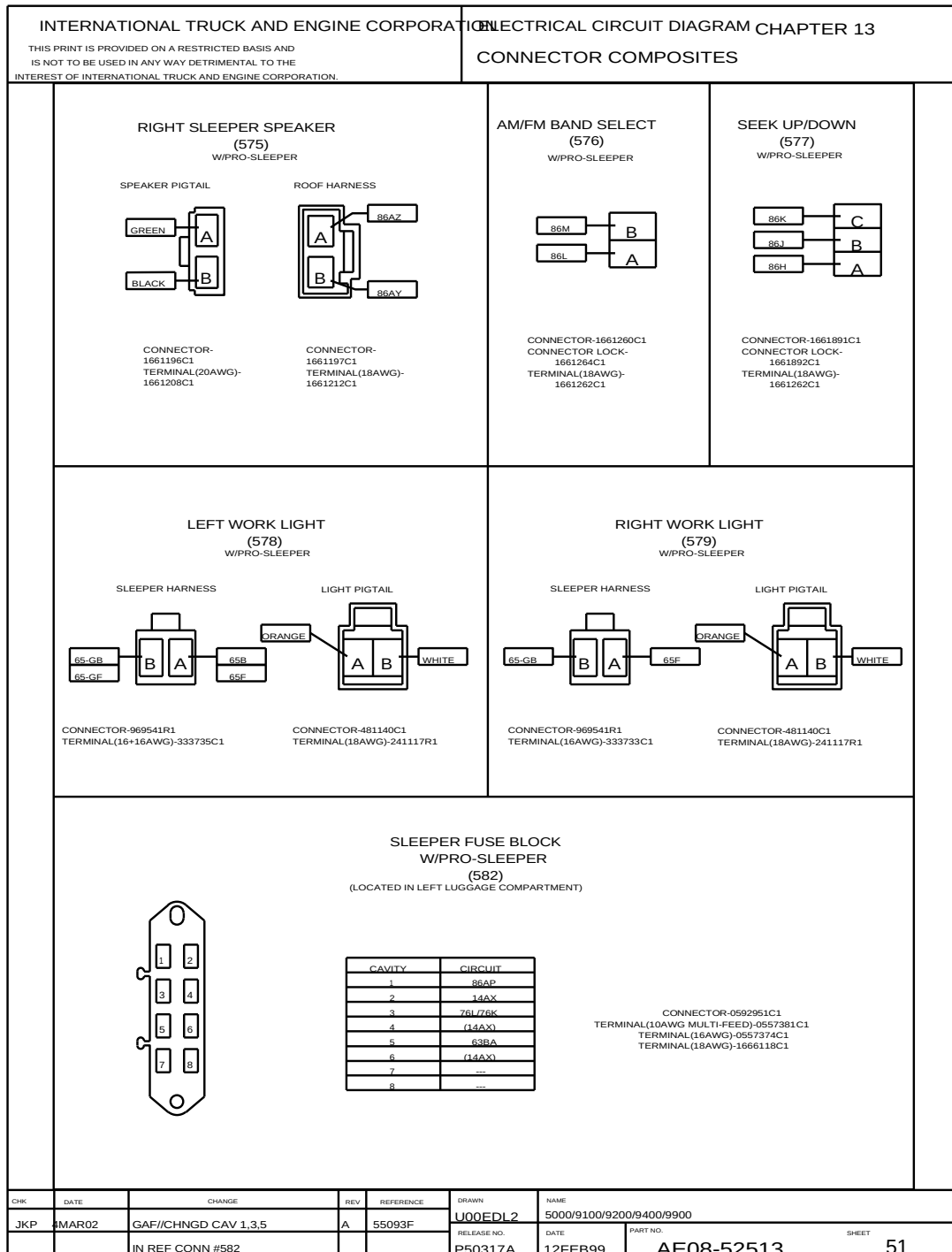


Figure 198 Connector Composites (575), (576), (577), (578), (579), (582)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.52. CONNECTOR COMPOSITES (584), (585), (587), P. 52

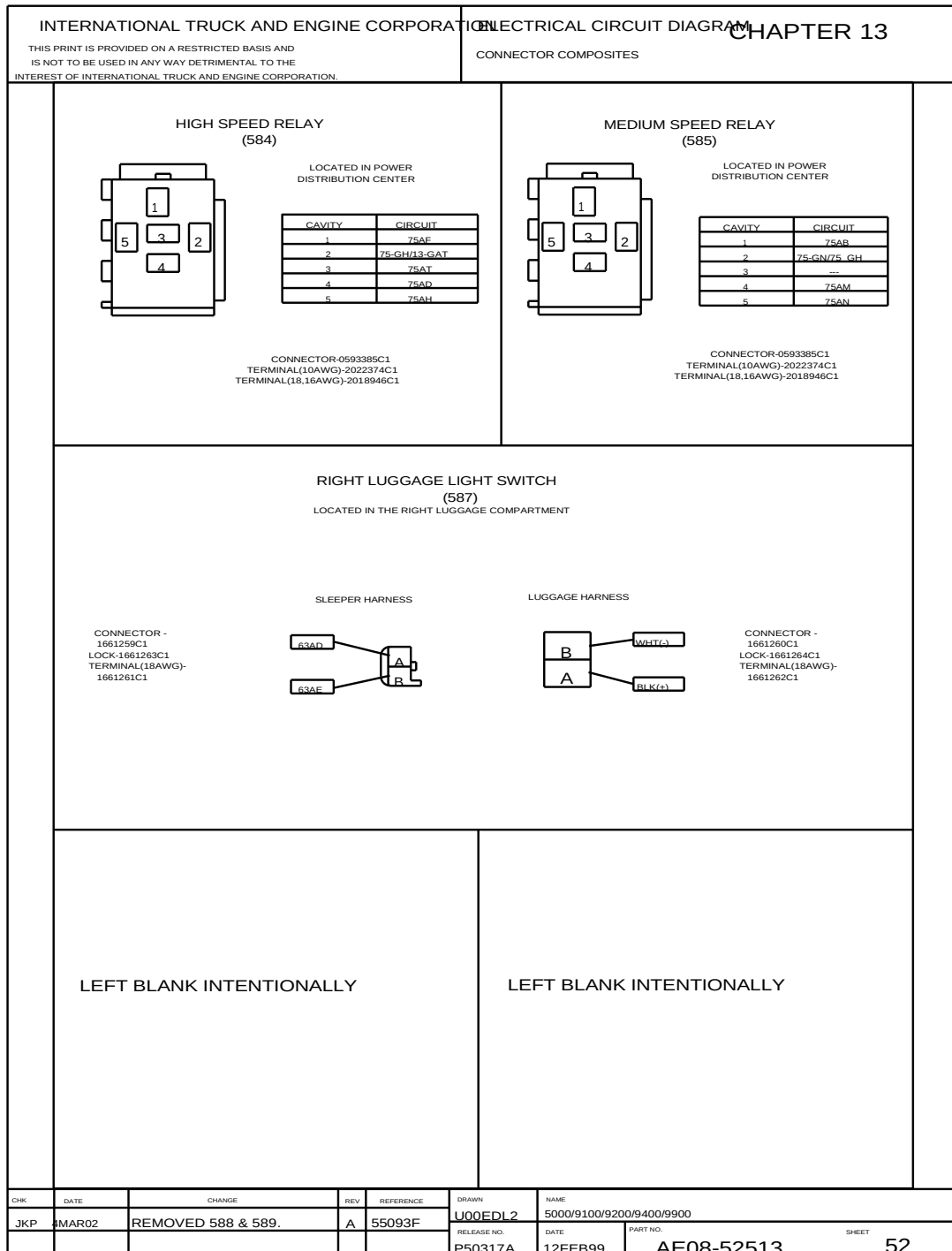


Figure 199 Connector Composites (584), (585), (587)

13.53. CONNECTOR COMPOSITES (592), (592F), (593), (594), (600), P. 53

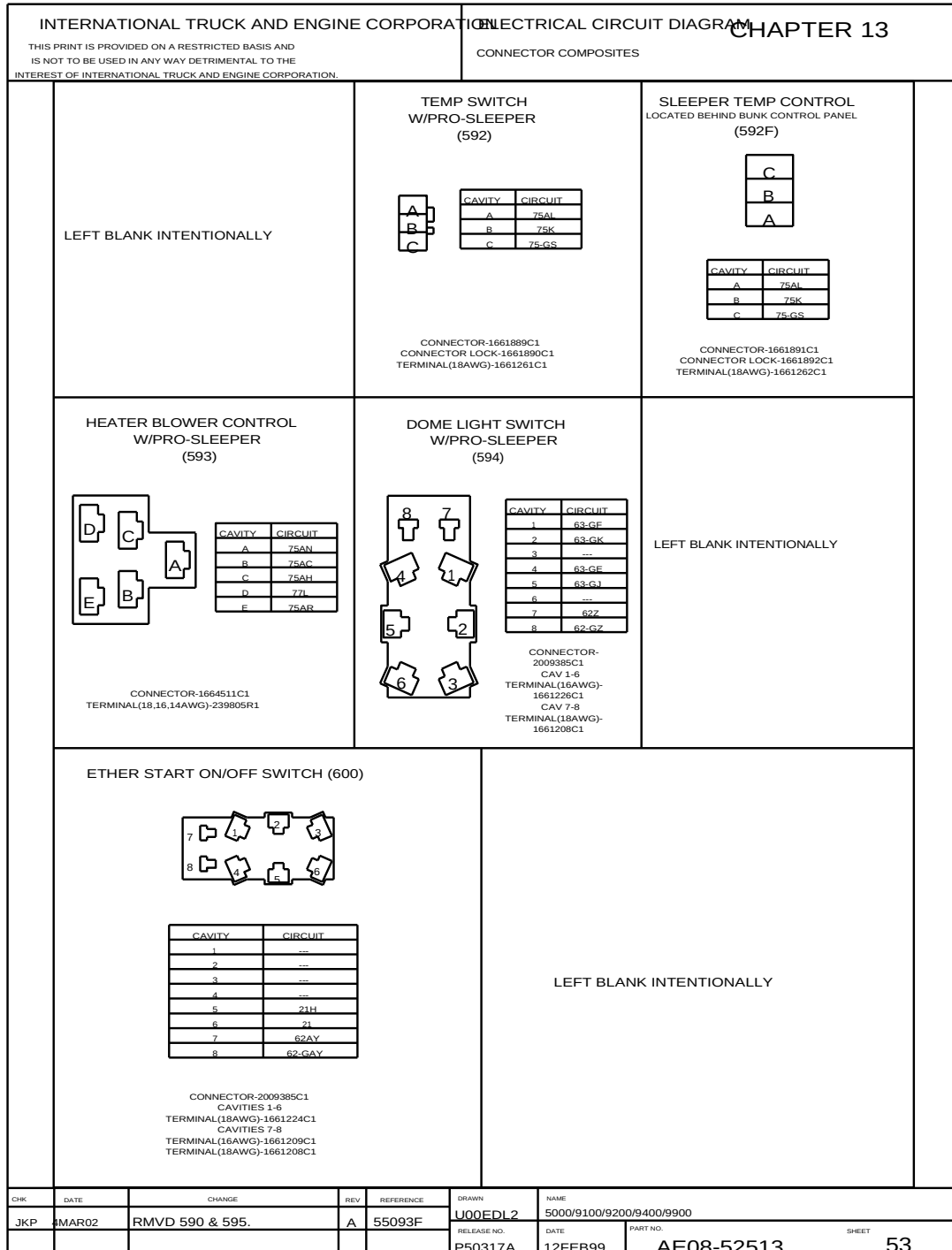


Figure 200 Connector Composites (592), (592F), (593), (594), (600)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.54. CONNECTOR COMPOSITES (603), (604), (605), (606), (607), (610), (611), P. 54

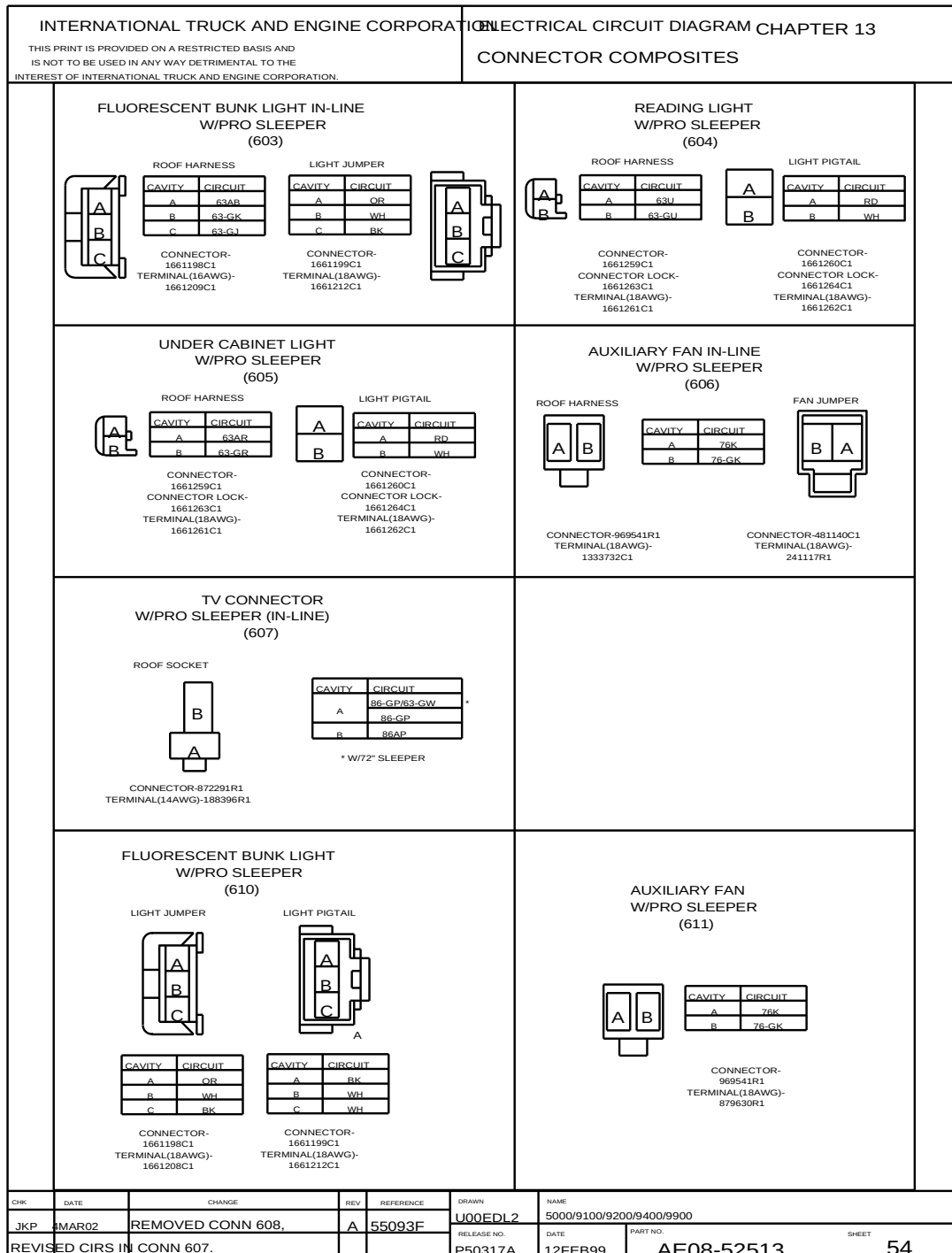
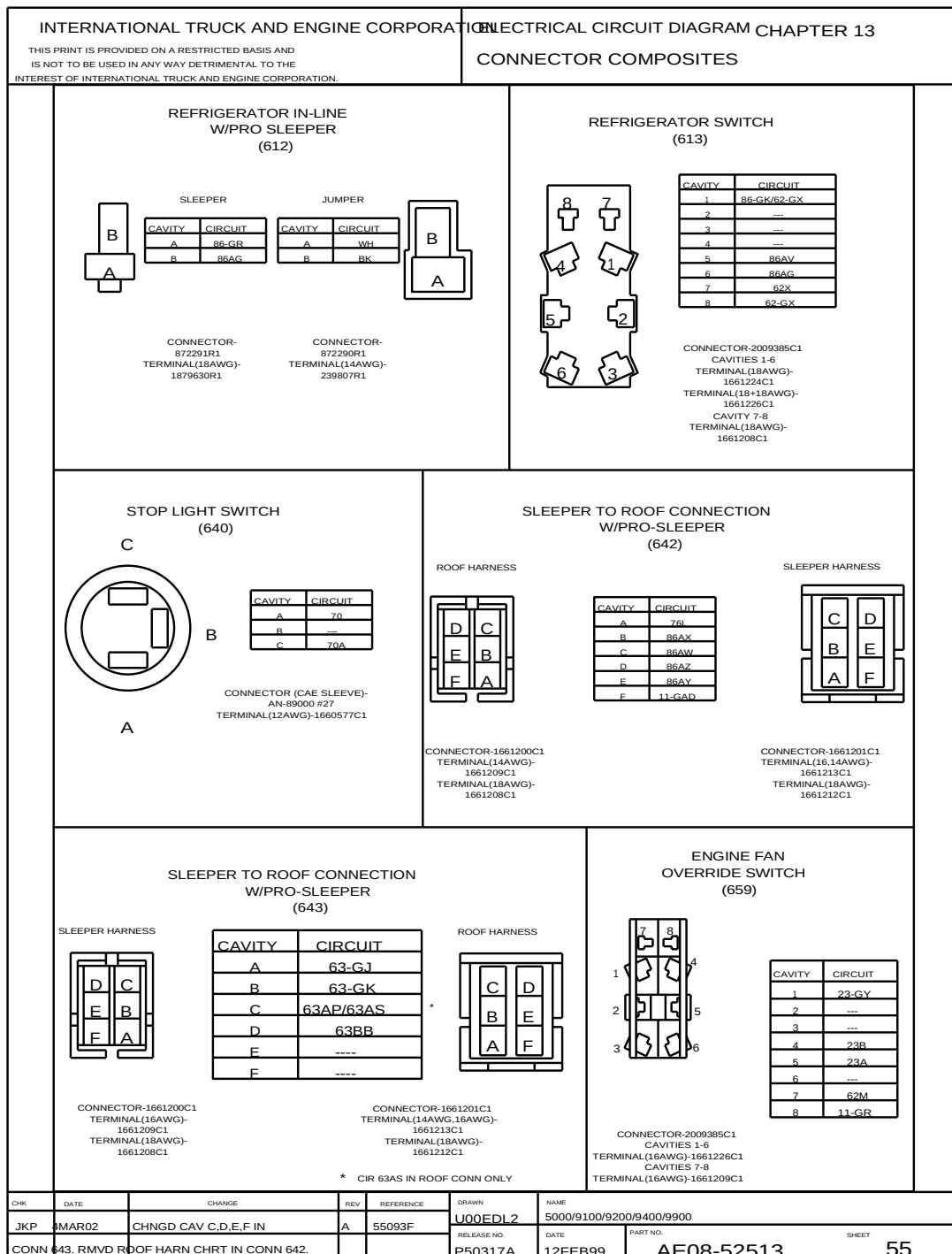


Figure 201 Connector Composites (603), (604), (605), (606), (607), (610), (611)

13.55. CONNECTOR COMPOSITES (612), (613), (640), (642), (643), (659), P. 55

Figure 202 Connector Composites (612), (613), (640), (642), (643), (659)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.56. CONNECTOR COMPOSITES (662), (675), (676), (690), P. 56

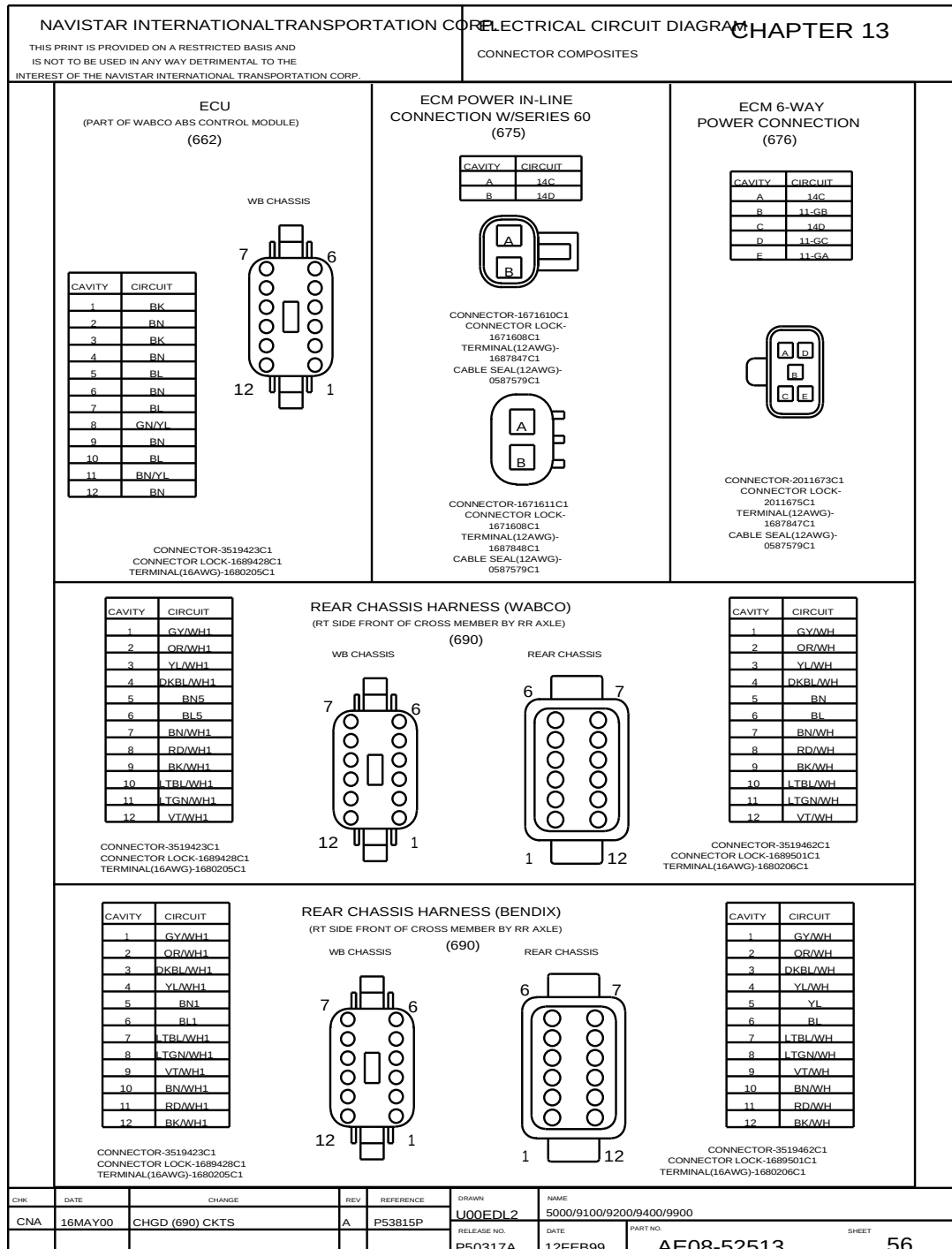


Figure 203 Connector Composites (662), (675), (676), (690)

13.57. CONNECTOR COMPOSITES (720), (753), (755), (766), (767), (768), P. 57

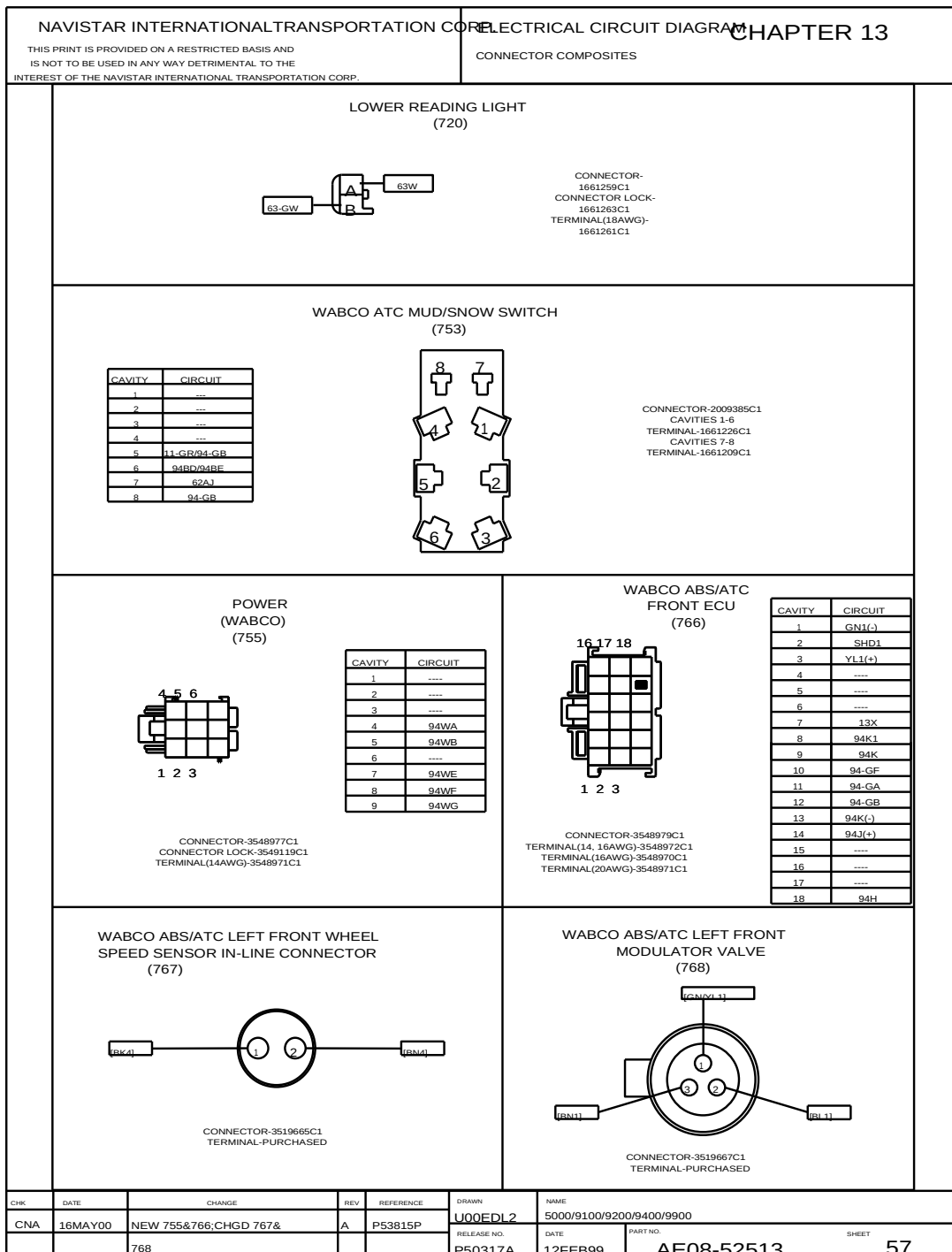


Figure 204 Connector Composites (720), (753), (755), (766), (767), (768)

**5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS**

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**13.58. CONNECTOR COMPOSITES (769), (770), (771), (774), (775), (776), (777), (778),
(789), P. 58**

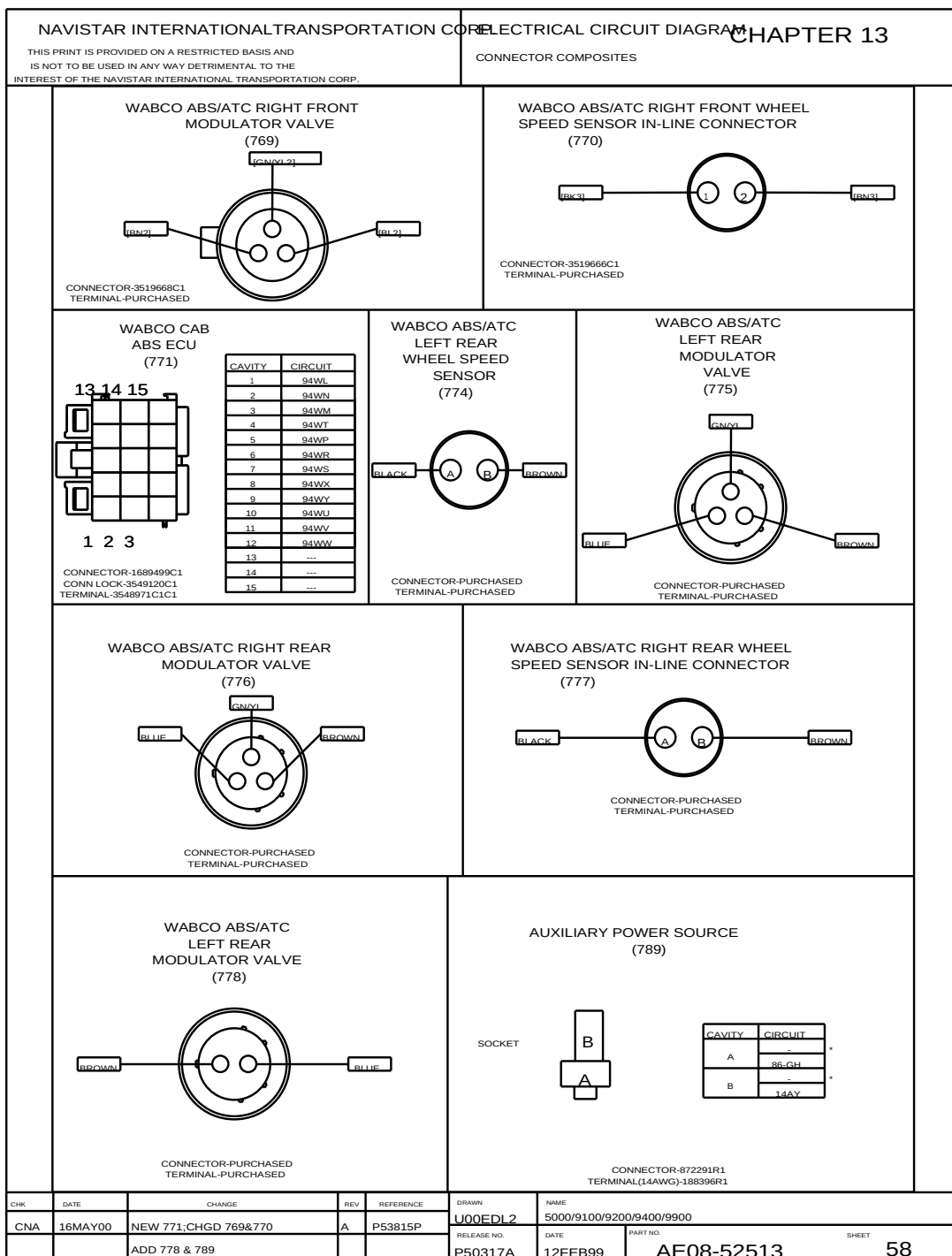


Figure 205 Connector Composites (769), (770), (771), (774), (775), (776), (777), (778), (789)

13.59. CONNECTOR COMPOSITES (791), (823), (851), (854), (884), (885), (887), P. 59

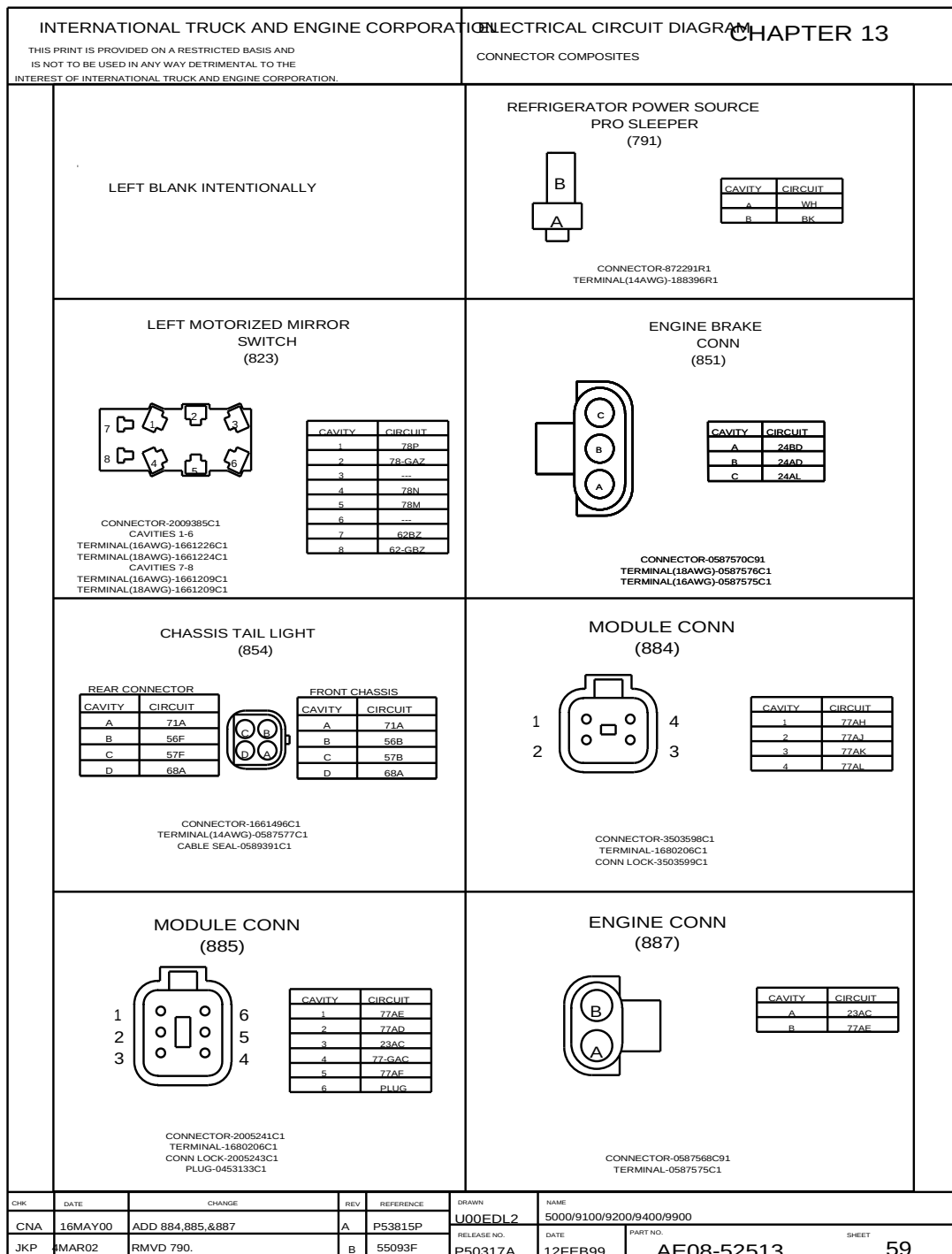


Figure 206 Connector Composites (791), (823), (851), (854), (884), (885), (887)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.60. CONNECTOR COMPOSITES (904), (905), (906), P. 60

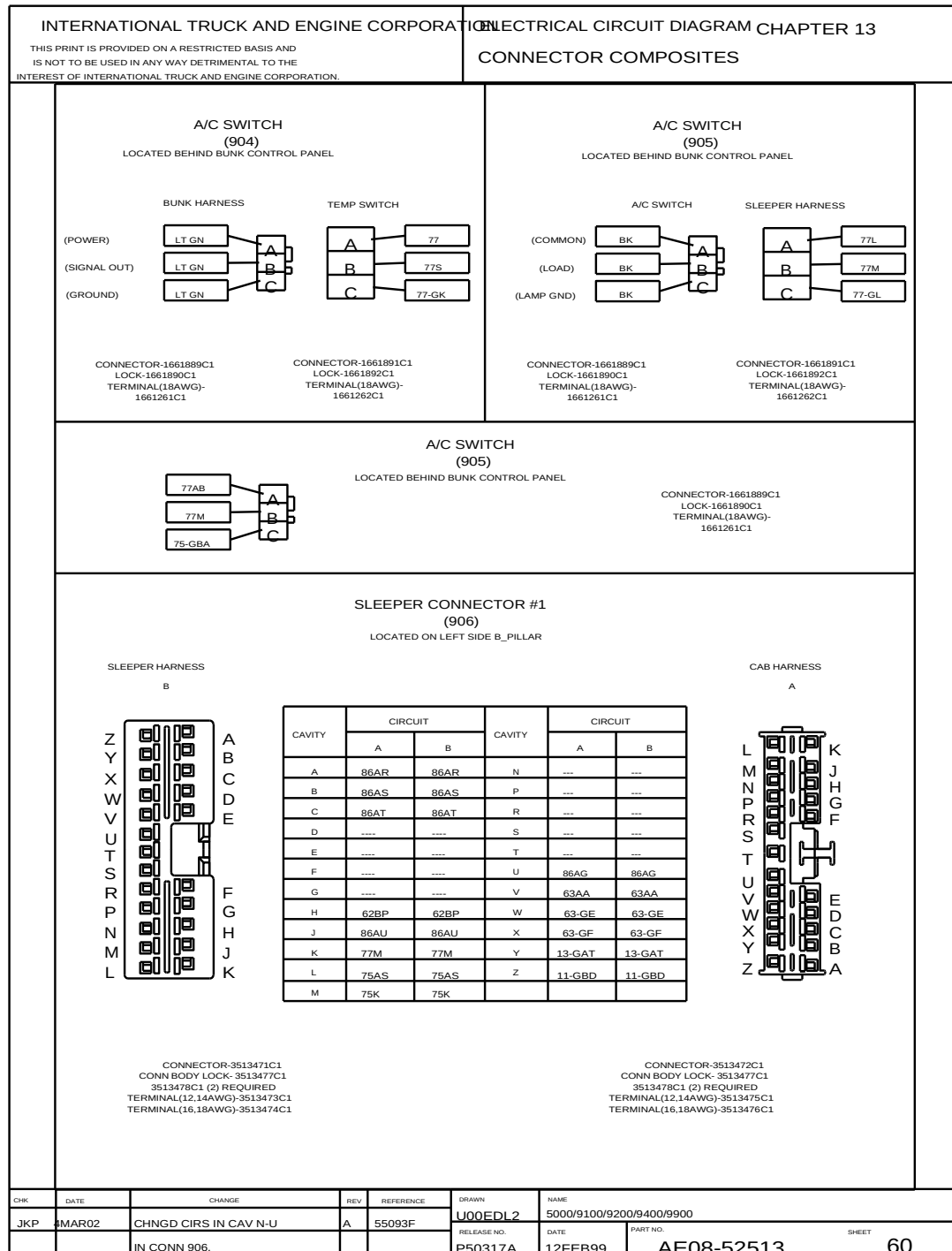
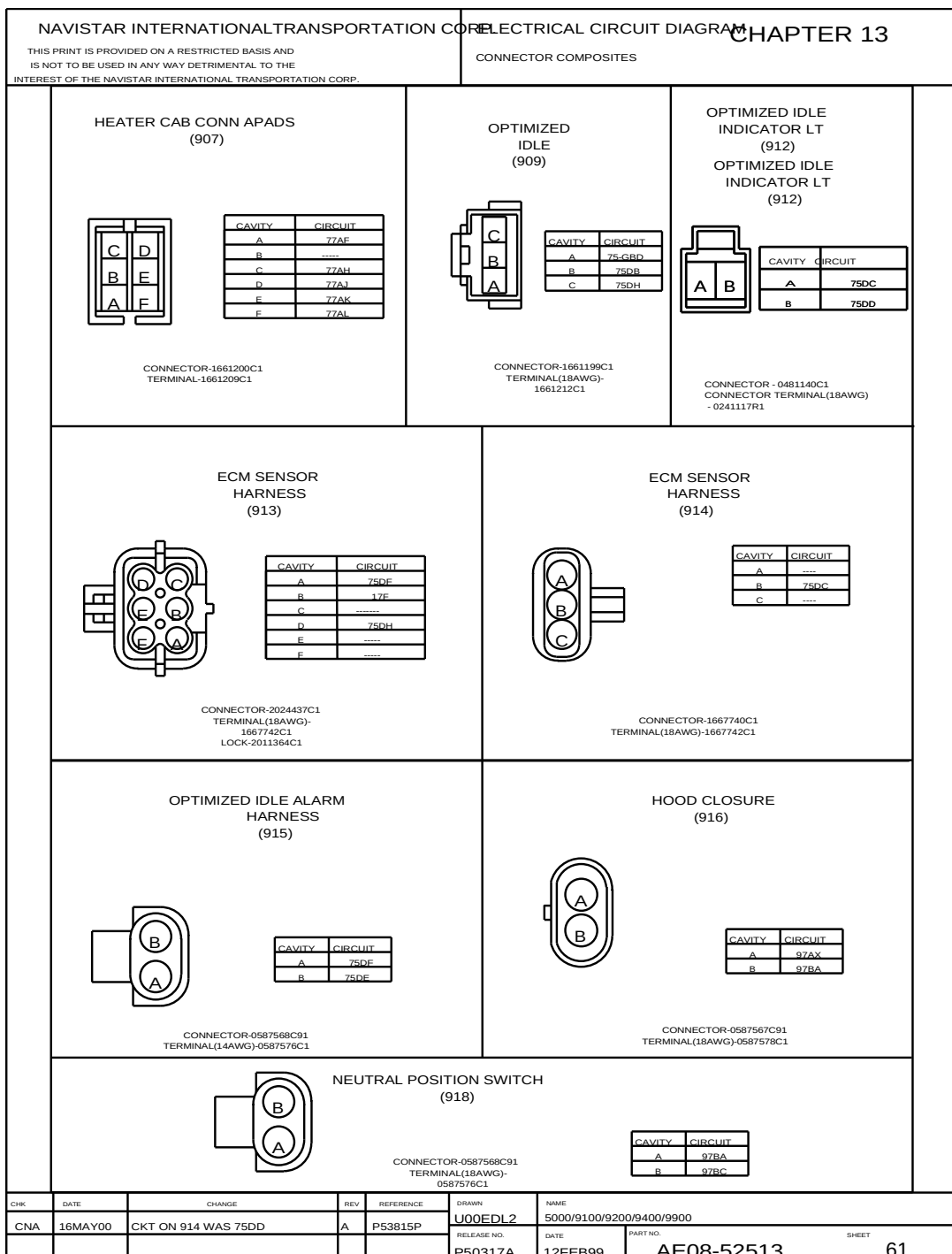


Figure 207 Connector Composites (904), (905), (906)

**13.61. CONNECTOR COMPOSITES (907), (909), (912), (913), (914), (915), (916), (918),
P. 61****Figure 208 Connector Composites (907), (909), (912), (913), (914), (915), (916), (918)**

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.62. CONNECTOR COMPOSITES (922), (923), (925), P. 62

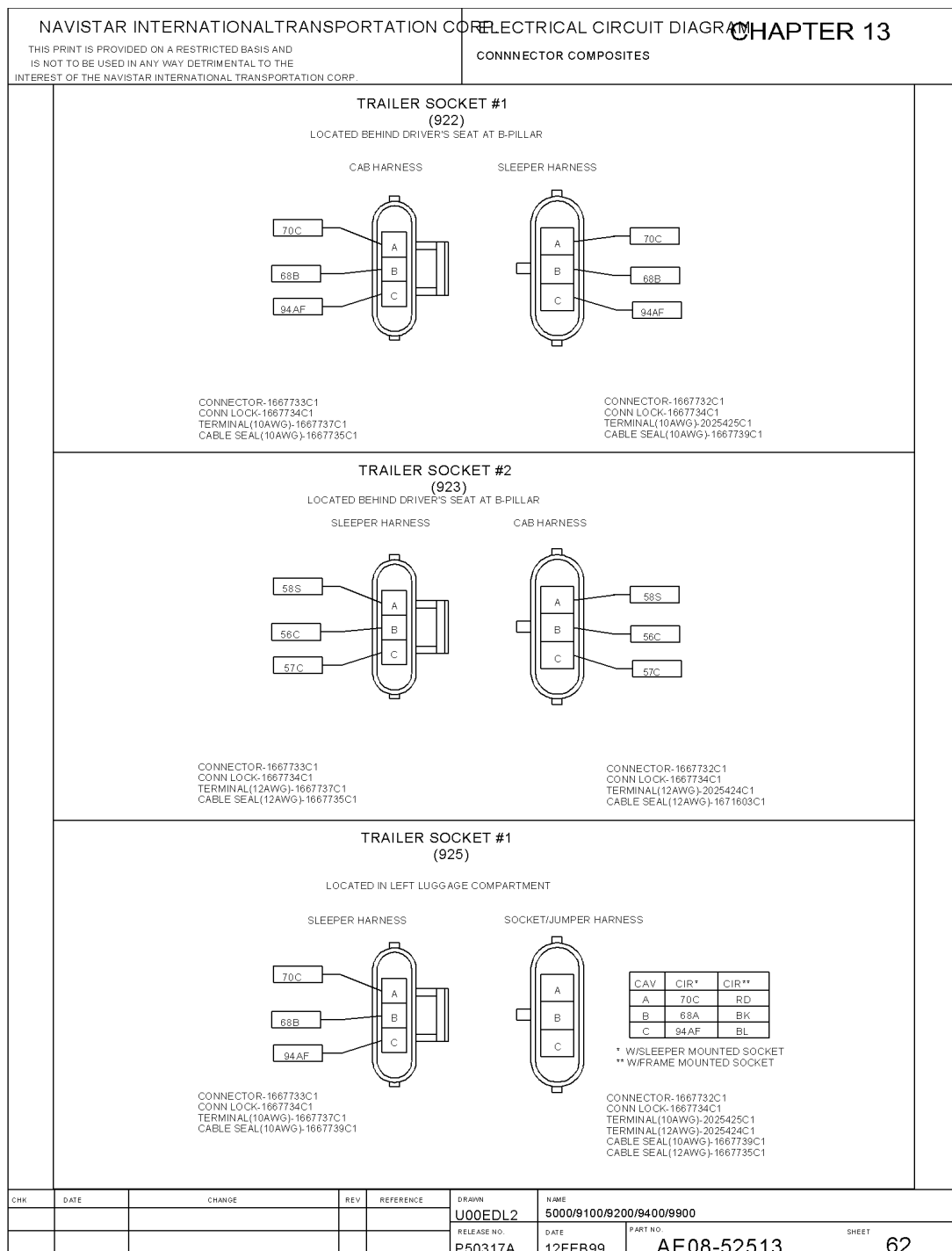


Figure 209 Connector Composites (922), (923), (925)

13.63. CONNECTOR COMPOSITES (926), (930), (935), (936), (937), P. 63

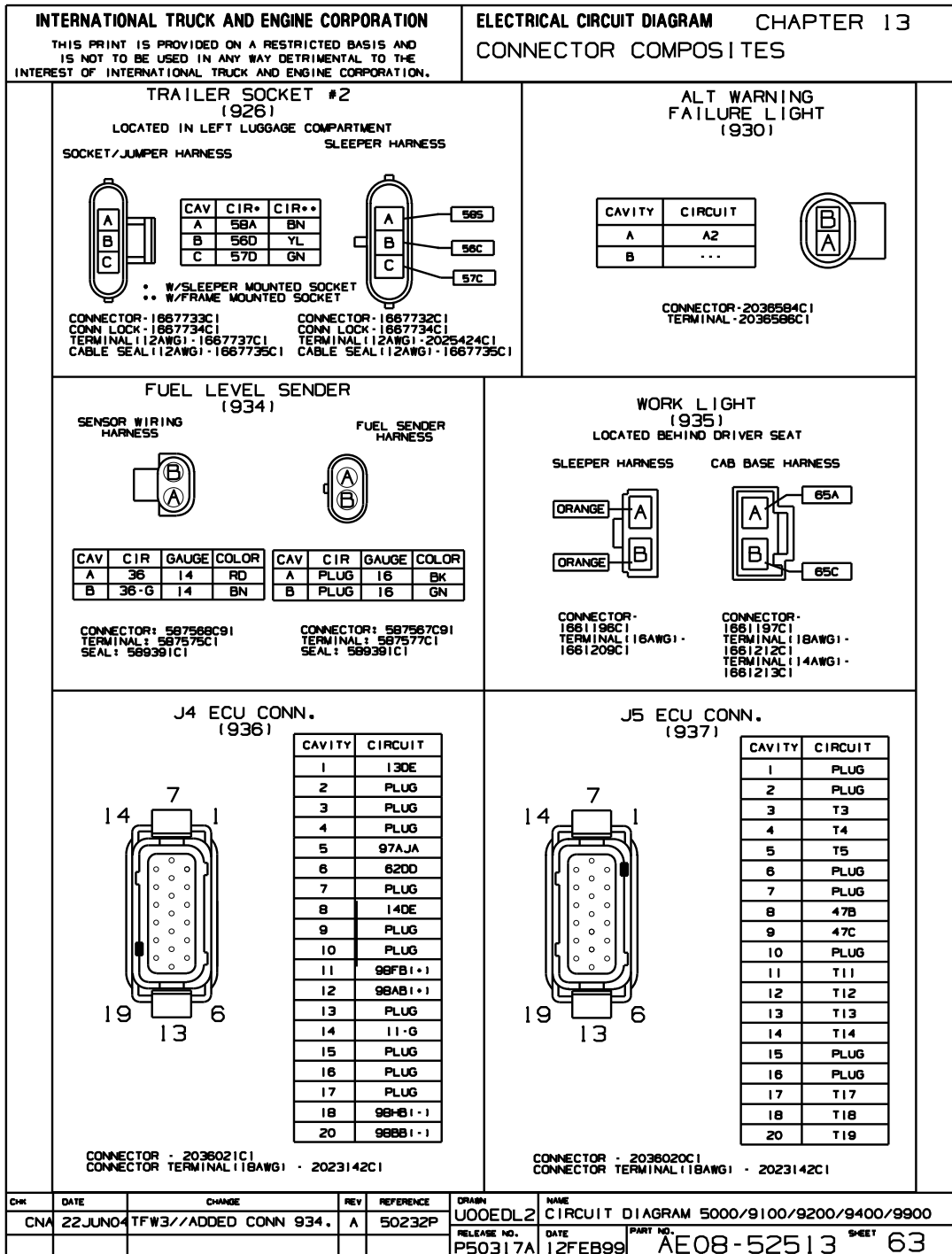


Figure 210 Connector Composites (926), (930), (935), (936), (937)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.64. CONNECTOR COMPOSITES (938), (939), (940), (941), (942), P. 64

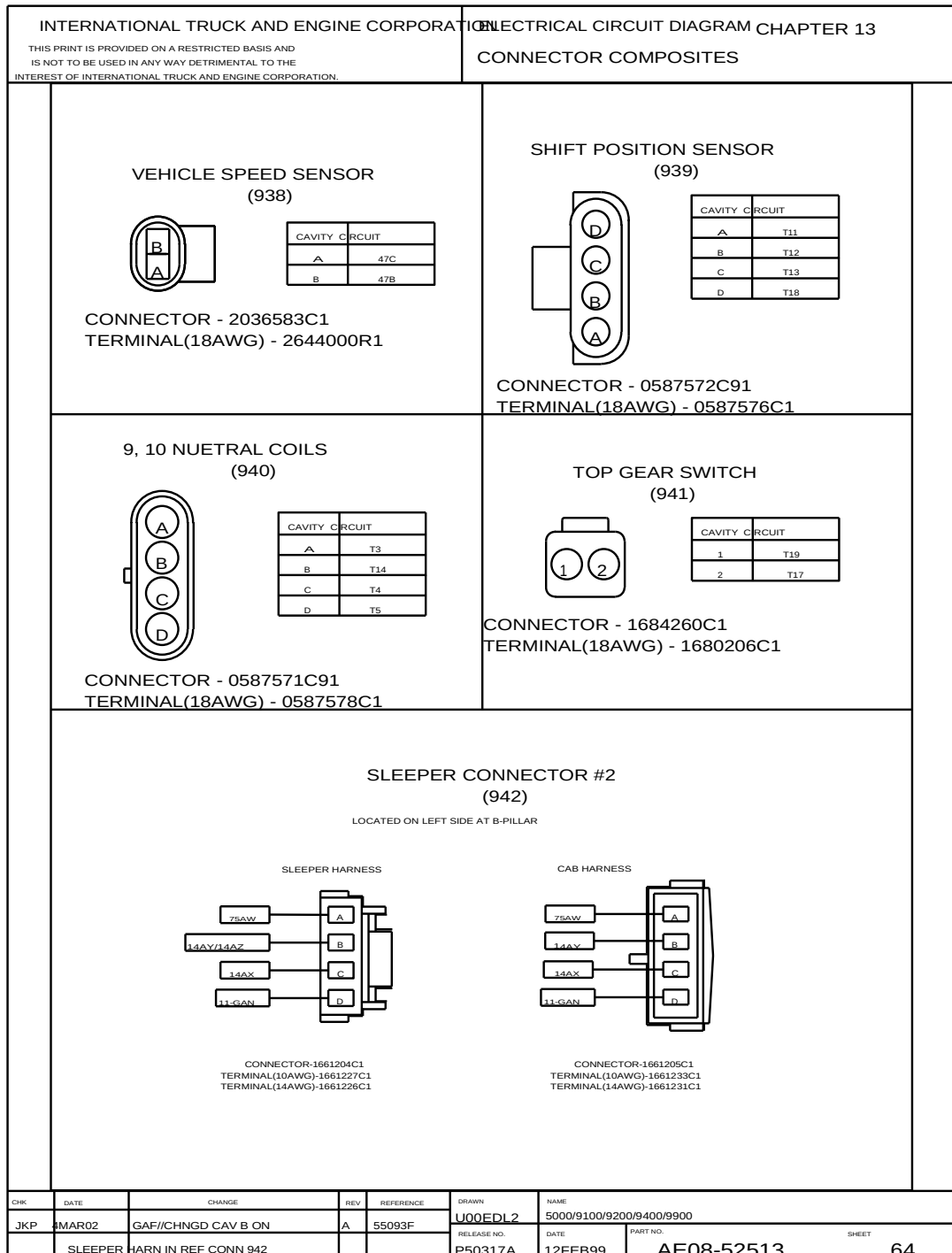


Figure 211 Connector Composites (938), (939), (940), (941), (942)

13.65. CONNECTOR COMPOSITES (955), (956), (962), (963), (992), (993), (994), P. 65

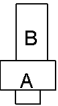
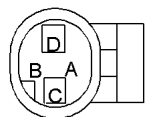
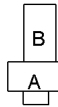
NAVISTAR INTERNATIONAL TRANSPORTATION CORPORATION				ELECTRICAL CIRCUIT DIAGRAM																							
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CONNECTOR COMPOSITES				CONNECTOR COMPOSITES																							
RESISTOR ASSY (955)  <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>17HA</td> </tr> <tr> <td>B</td> <td>17KA</td> </tr> </tbody> </table> CONNECTOR-872291R1 TERMINAL(16AWG)-0188396R1			CAVITY	CIRCUIT	A	17HA	B	17KA	DIODE (956)  <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>13BH</td> </tr> <tr> <td>B</td> <td>13AL</td> </tr> </tbody> </table> CONNECTOR-872291R1 TERMINAL(18AWG)-879630R1			CAVITY	CIRCUIT	A	13BH	B	13AL										
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LT DOOR COURTESY CONNECTOR (962)  <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>63V</td> </tr> <tr> <td>B</td> <td>63H</td> </tr> <tr> <td>C</td> <td>78R</td> </tr> </tbody> </table> CONNECTOR-1661891C1 TERMINAL(18AWG)-1661262C1			CAVITY	CIRCUIT	A	63V	B	63H	C	78R	RIGHT DOOR COURTESY CONNECTOR (963)  <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>63X</td> </tr> <tr> <td>B</td> <td>63Y</td> </tr> <tr> <td>C</td> <td>78S</td> </tr> </tbody> </table> CONNECTOR-1661891C1 CONN LOCK-1661892C1 TERMINAL(18AWG)-1661262C1			CAVITY	CIRCUIT	A	63X	B	63Y	C	78S						
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WORK LIGHT RECTIFIER WORK LIGHT IN PARK/REV (992)  <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>71L</td> </tr> <tr> <td>B</td> <td>71M</td> </tr> </tbody> </table> CONNECTOR-872291R1 TERMINAL(14,16AWG)-0188396R1		CAVITY	CIRCUIT	A	71L	B	71M	PARK BRAKE SWITCH WORK LIGHTS (993)  <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>----</td> </tr> <tr> <td>B</td> <td>----</td> </tr> <tr> <td>C</td> <td>71K</td> </tr> <tr> <td>D</td> <td>71L</td> </tr> </tbody> </table> CONNECTOR-1661777C1 TERMINAL(16AWG)-1661875C1		CAVITY	CIRCUIT	A	----	B	----	C	71K	D	71L	WORK LIGHT RECTIFIER WORK LIGHT IN PARK/REV (994)  <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>71H</td> </tr> <tr> <td>B</td> <td>71J</td> </tr> </tbody> </table> CONNECTOR-872291R1 TERMINAL(14AWG)-0188396R1		CAVITY	CIRCUIT	A	71H	B	71J
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					U00EDL2																						
				NAME	5000/9100/9200/9400/9900																						
				RELEASE NO.	P50317A																						
				DATE	12FEB99																						
				PART NO.	AE08-52513																						
					SHEET																						
					65																						

Figure 212 Connector Composites (955), (956), (962), (963), (992), (993), (994)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.66. CONNECTOR COMPOSITES (995–999), (1000), (1033), (1034), P. 66

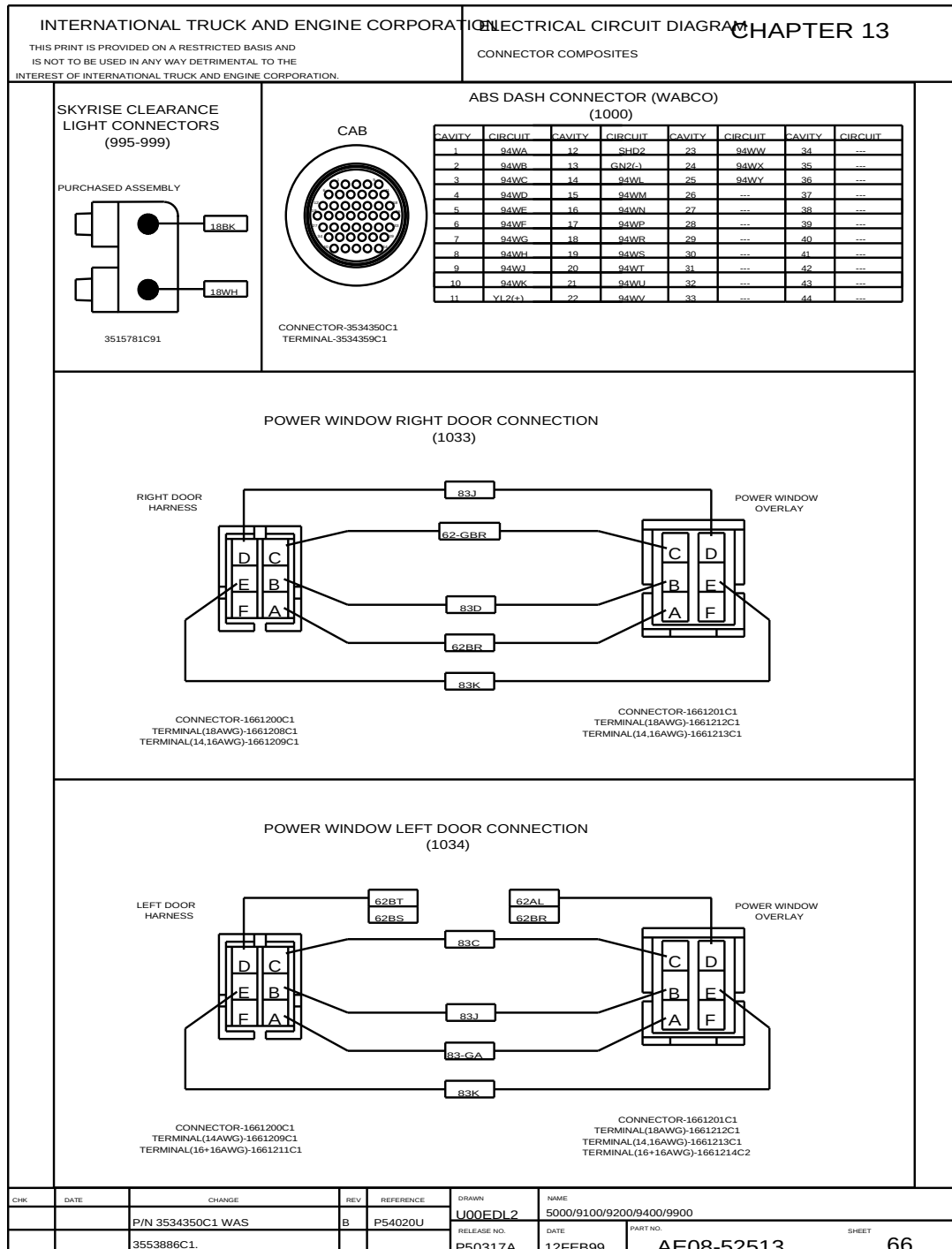
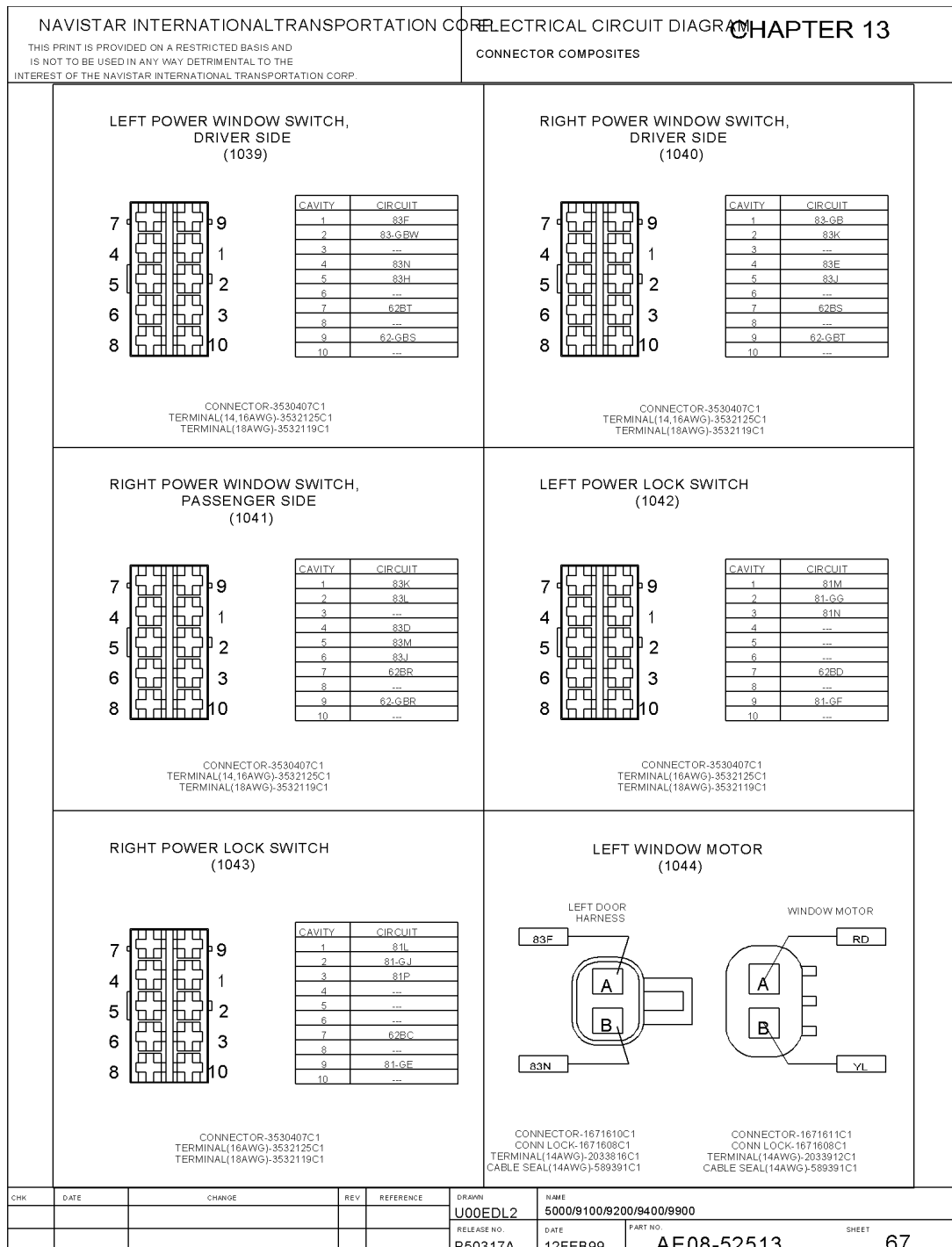


Figure 213 Connector Composites (995–999), (1000), (1033), (1034)

13.67. CONNECTOR COMPOSITES (1039), (1040), (1041), (1042), (1043), (1044), P. 67

Figure 214 Connector Composites (1039), (1040), (1041), (1042), (1043), (1044)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.68. CONNECTOR COMPOSITES (1045), (1046), (1047), (1048), P. 68

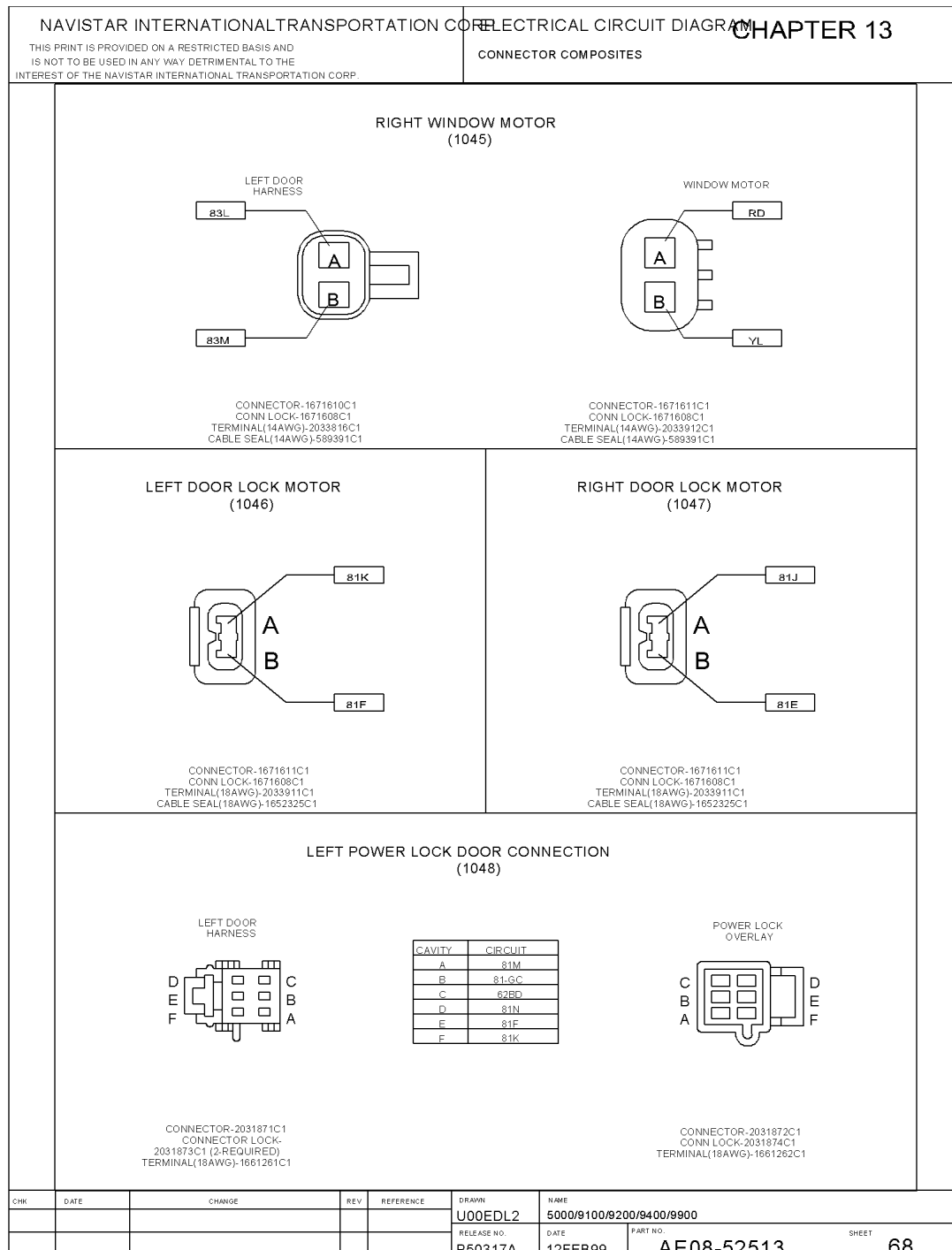
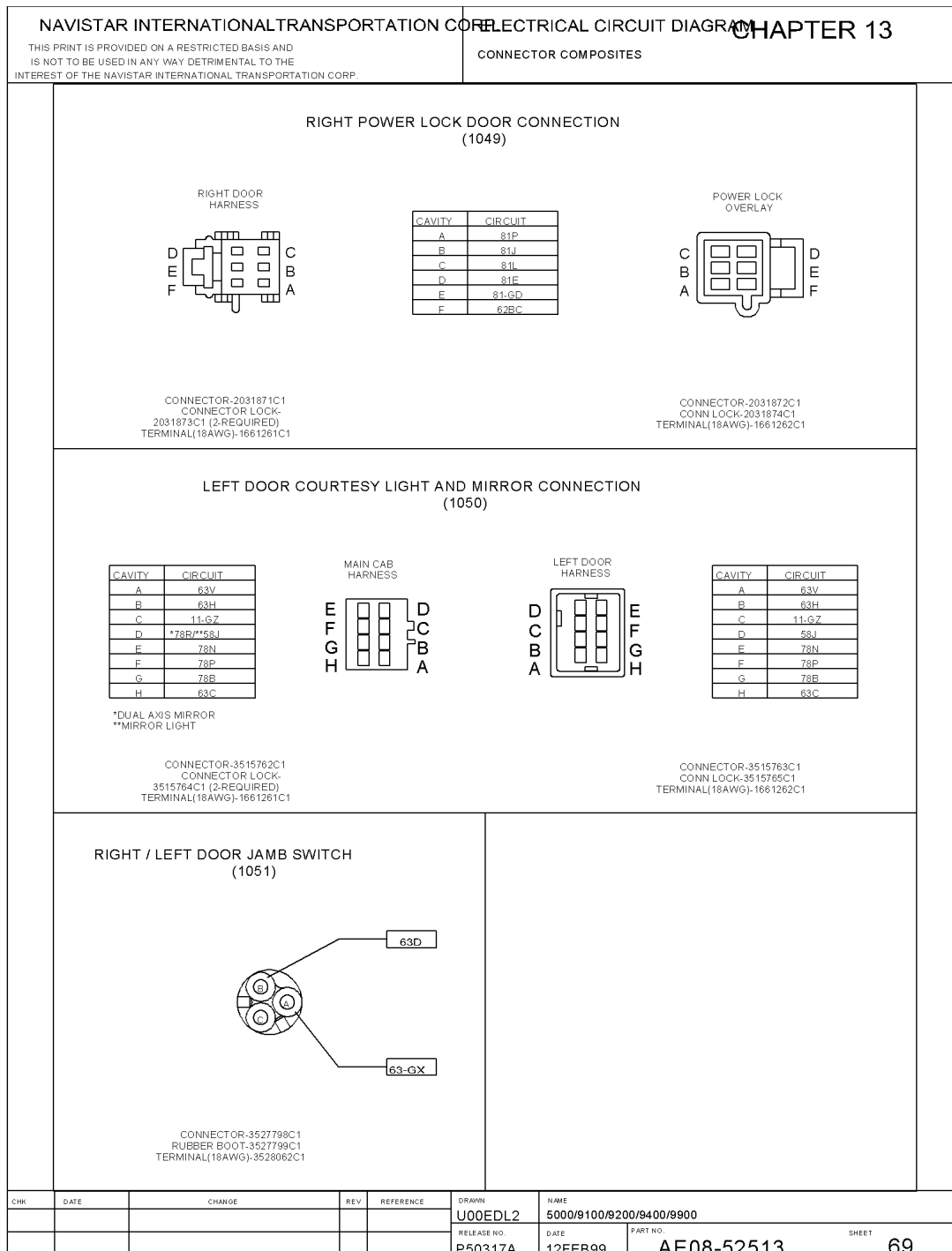


Figure 215 Connector Composites (1045), (1046), (1047), (1048)

13.69. CONNECTOR COMPOSITES (1049), (1050), (1051), P. 69

Figure 216 Connector Composites (1049), (1050), (1051)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.70. CONNECTOR COMPOSITES (1053), (1054), (1056), (1057), P. 70

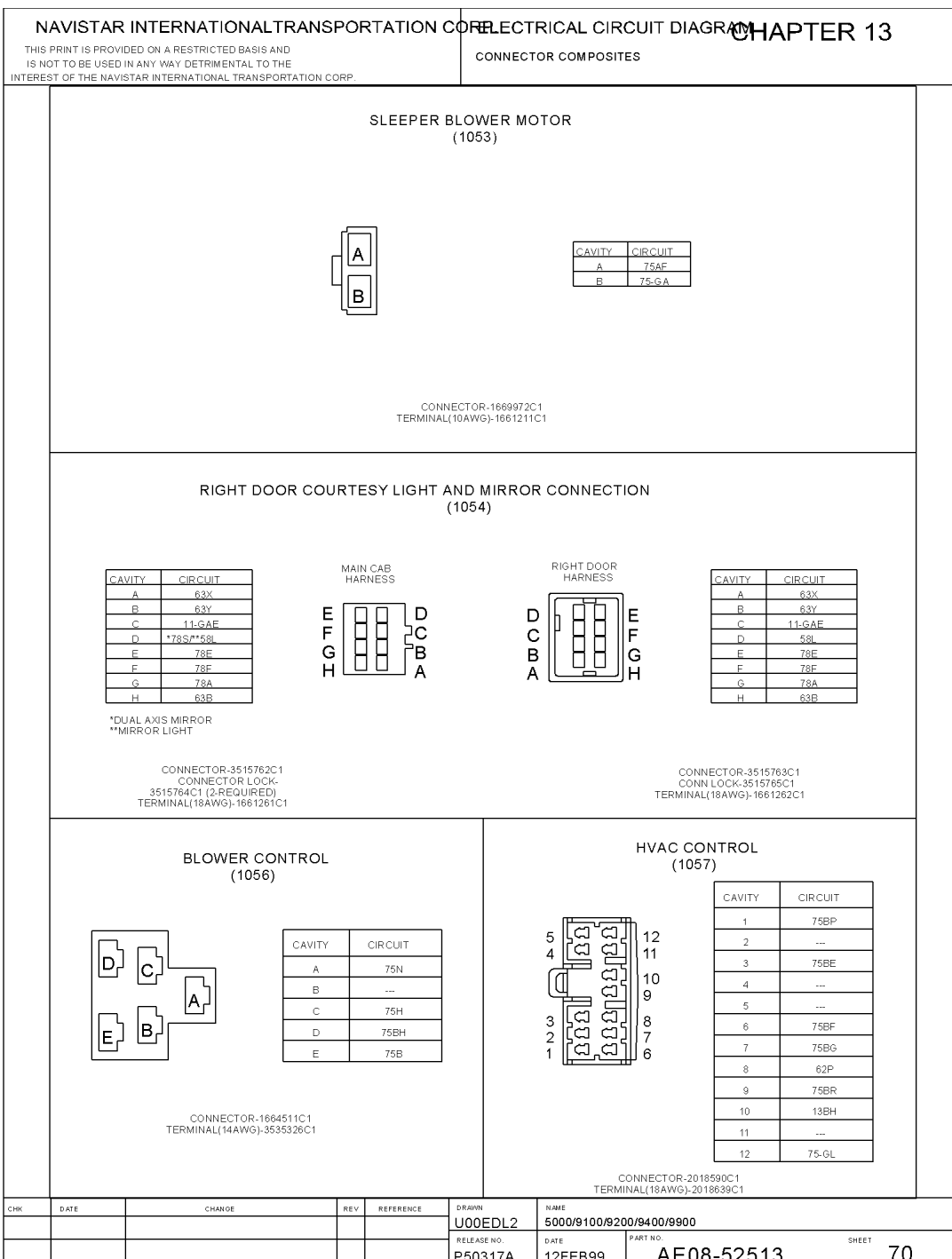


Figure 217 Connector Composites (1053), (1054), (1056), (1057)

13.71. CONNECTOR COMPOSITES (1058), (1059), (1060), (1084), (1085), (1086), (1088), (1090F), P. 71

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																																																																																																	
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ABS/XMSN INTERRUPT (1085) <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>94KP</td> </tr> <tr> <td>B</td> <td>92-GG</td> </tr> </tbody> </table> CONNECTOR-0587568C91 TERMINAL(18AWG)-0587576C1				CAVITY	CIRCUIT	A	94KP	B	92-GG	ECM CONNECTOR (1086) <table border="1" style="border-collapse: collapse; text-align: center; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>CAV</th> <th>CIR</th> </tr> </thead> <tbody> <tr><td>1</td><td>98C</td><td>6</td><td>23C</td></tr> <tr><td>2</td><td>97AM</td><td>7</td><td>24AP</td></tr> <tr><td>3</td><td>PLUG</td><td>8</td><td>24AE</td></tr> <tr><td>4</td><td>PLUG</td><td>9</td><td>99</td></tr> <tr><td>5</td><td>97AL</td><td>10</td><td>98(+)</td></tr> <tr><td>11</td><td>99B</td><td>16</td><td>97AE</td></tr> <tr><td>12</td><td>97CA</td><td>17</td><td>23B</td></tr> <tr><td>13</td><td>PLUG</td><td>18</td><td>24AE</td></tr> <tr><td>14</td><td>PLUG</td><td>19</td><td>PLUG</td></tr> <tr><td>15</td><td>97AH</td><td>20</td><td>986(-)</td></tr> <tr><td>21</td><td>PLUG</td><td>26</td><td>PLUG</td></tr> <tr><td>22</td><td>99A(SV)</td><td>27</td><td>97AK</td></tr> <tr><td>23</td><td>99-G</td><td>28</td><td>34</td></tr> <tr><td>24</td><td>97AA</td><td>29</td><td>PLUG</td></tr> <tr><td>25</td><td>97AB</td><td>30</td><td>PLUG</td></tr> <tr><td>31</td><td>PLUG</td><td>36</td><td>97AJ</td></tr> <tr><td>32</td><td>34-G</td><td>37</td><td>98SHD1</td></tr> <tr><td>33</td><td>PLUG</td><td>38</td><td>23D</td></tr> <tr><td>34</td><td>97-GAB</td><td>39</td><td>13D</td></tr> <tr><td>35</td><td>PLUG</td><td>40</td><td>PLUG</td></tr> <tr><td>41</td><td>PLUG</td><td>46</td><td>98V1</td></tr> <tr><td>42</td><td>PLUG</td><td>47</td><td>98GN1</td></tr> <tr><td>43</td><td>97AP</td><td>48</td><td>PLUG</td></tr> <tr><td>44</td><td>97AT</td><td>49</td><td>PLUG</td></tr> <tr><td>45</td><td>PLUG</td><td>50</td><td>PLUG</td></tr> </tbody> </table> CONNECTOR-3555048C1 TERMINAL-3518963C1 SEALING PLUG-3527276C1				CAV	CIR	CAV	CIR	1	98C	6	23C	2	97AM	7	24AP	3	PLUG	8	24AE	4	PLUG	9	99	5	97AL	10	98(+)	11	99B	16	97AE	12	97CA	17	23B	13	PLUG	18	24AE	14	PLUG	19	PLUG	15	97AH	20	986(-)	21	PLUG	26	PLUG	22	99A(SV)	27	97AK	23	99-G	28	34	24	97AA	29	PLUG	25	97AB	30	PLUG	31	PLUG	36	97AJ	32	34-G	37	98SHD1	33	PLUG	38	23D	34	97-GAB	39	13D	35	PLUG	40	PLUG	41	PLUG	46	98V1	42	PLUG	47	98GN1	43	97AP	48	PLUG	44	97AT	49	PLUG	45	PLUG	50	PLUG
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ECM POWER CONNECTOR (1088) <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>11-G</td> </tr> <tr> <td>2</td> <td>PLUG</td> </tr> <tr> <td>3</td> <td>14C1</td> </tr> <tr> <td>4</td> <td>14D</td> </tr> </tbody> </table> CONNECTOR-3557533C1 TERMINAL-3557534C1				CAVITY	CIRCUIT	1	11-G	2	PLUG	3	14C1	4	14D	CIGAR LIGHTER (1090F) <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>6AA</td> </tr> <tr> <td>B</td> <td>84H</td> </tr> <tr> <td>C</td> <td>84-GH</td> </tr> </tbody> </table> CONNECTOR-0593385C1 TERMINAL(16AWG)-1661213C1 TERMINAL(14AWG)-1661213C1				CAVITY	CIRCUIT	A	6AA	B	84H	C	84-GH																																																																																												
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	RELEASE NO.	DATE	PART NO.	SHEET
		REMOVED 1090M	C	54719V	U00EDL2	5000/9200/9400/9900				
		ADDED 1086 & 1088			P50317A			12FEB99	AF08-52513	71

Figure 218 Connector Composites (1058), (1059), (1060), (1084), (1085), (1086), (1088), (1090F)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS

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13.72. CONNECTOR COMPOSITES (1090M), (1091), (1093), (1094), (1095), P. 72

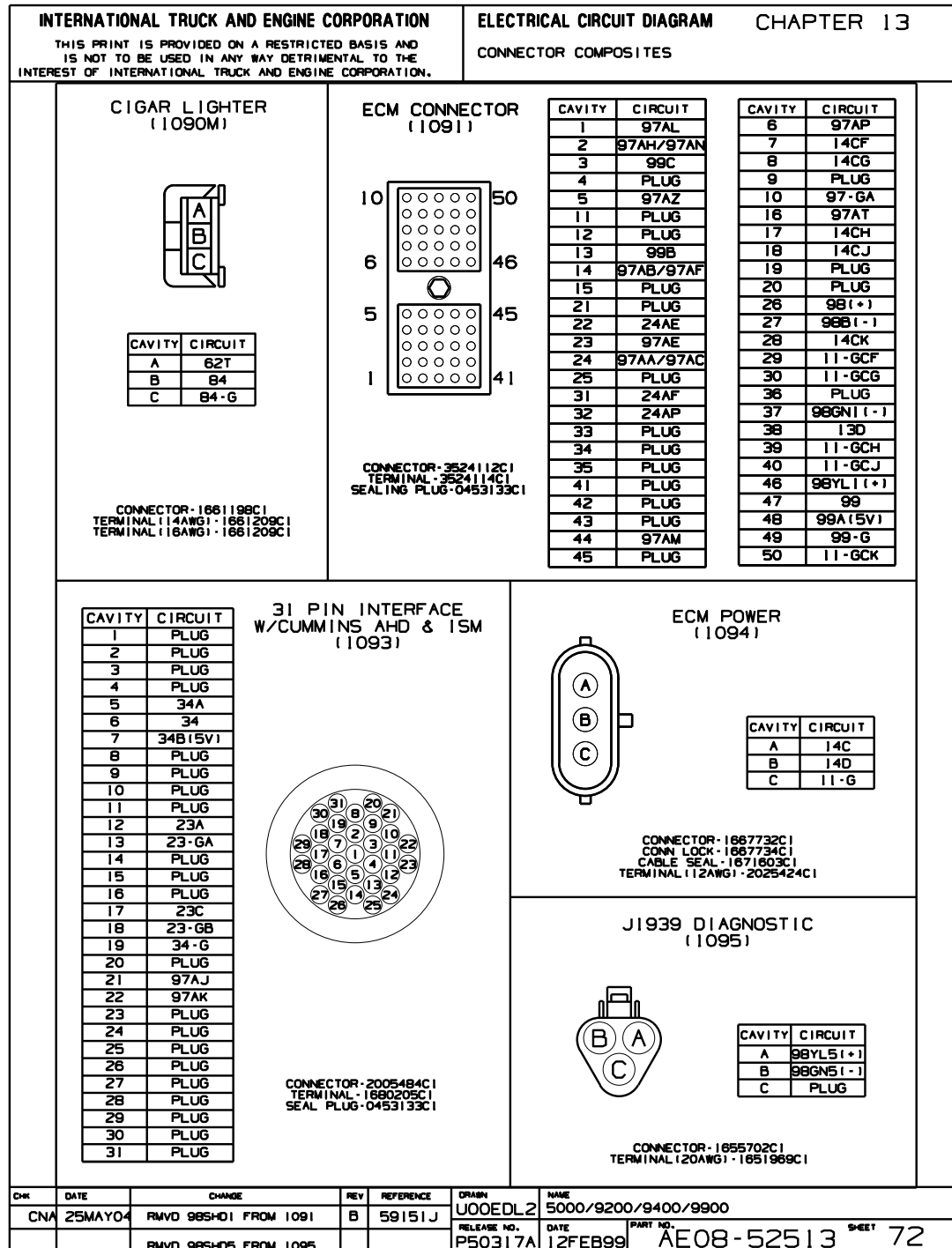


Figure 219 Connector Composites (1090M), (1091), (1093), (1094), (1095)

13.73. CONNECTOR COMPOSITES (1097), (1098), (1099), (1108), P. 73

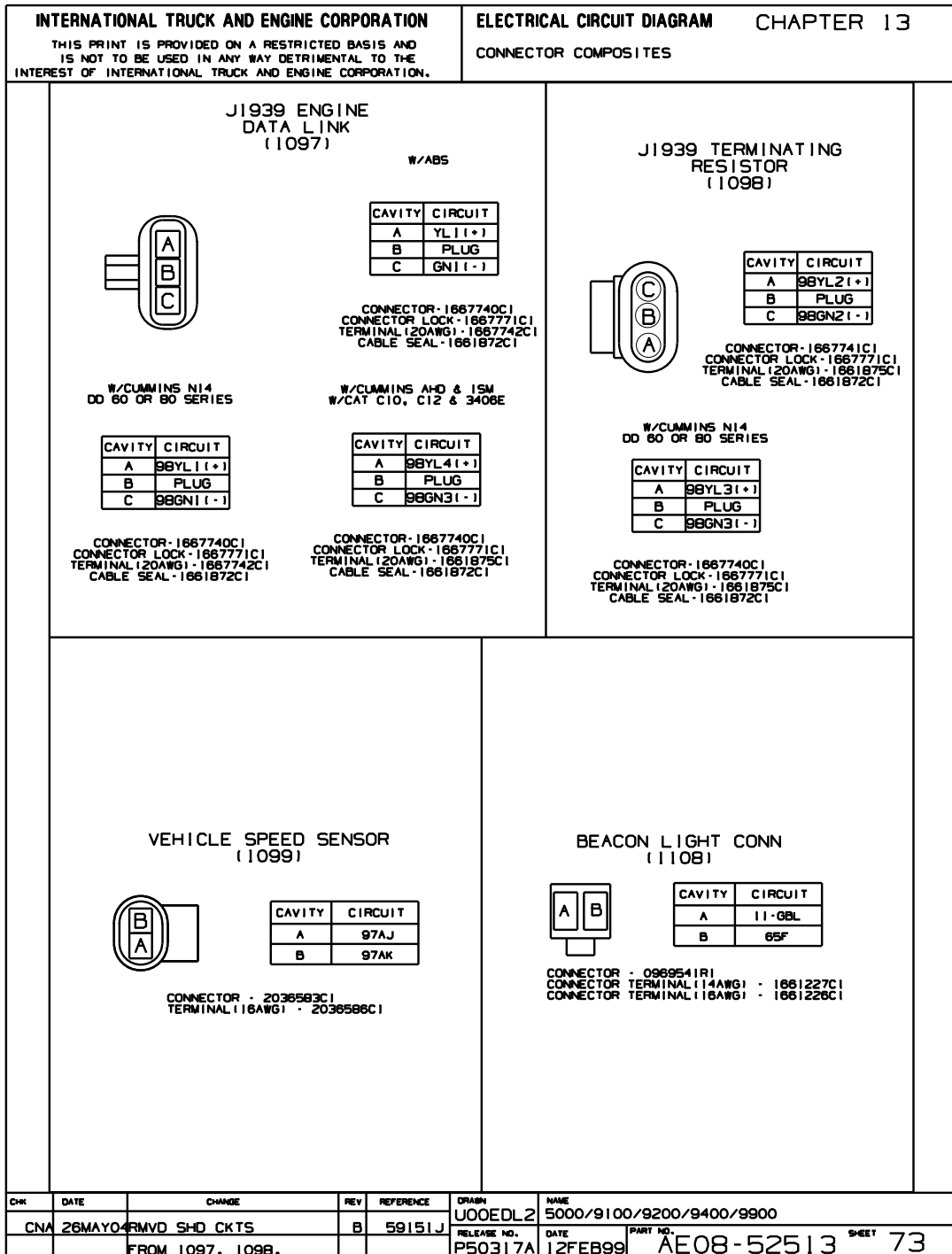


Figure 220 Connector Composites (1097), (1098), (1099), (1108)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS

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13.74. CONNECTOR COMPOSITES (1110), (1112), (1113), (1125), (1126), P. 74

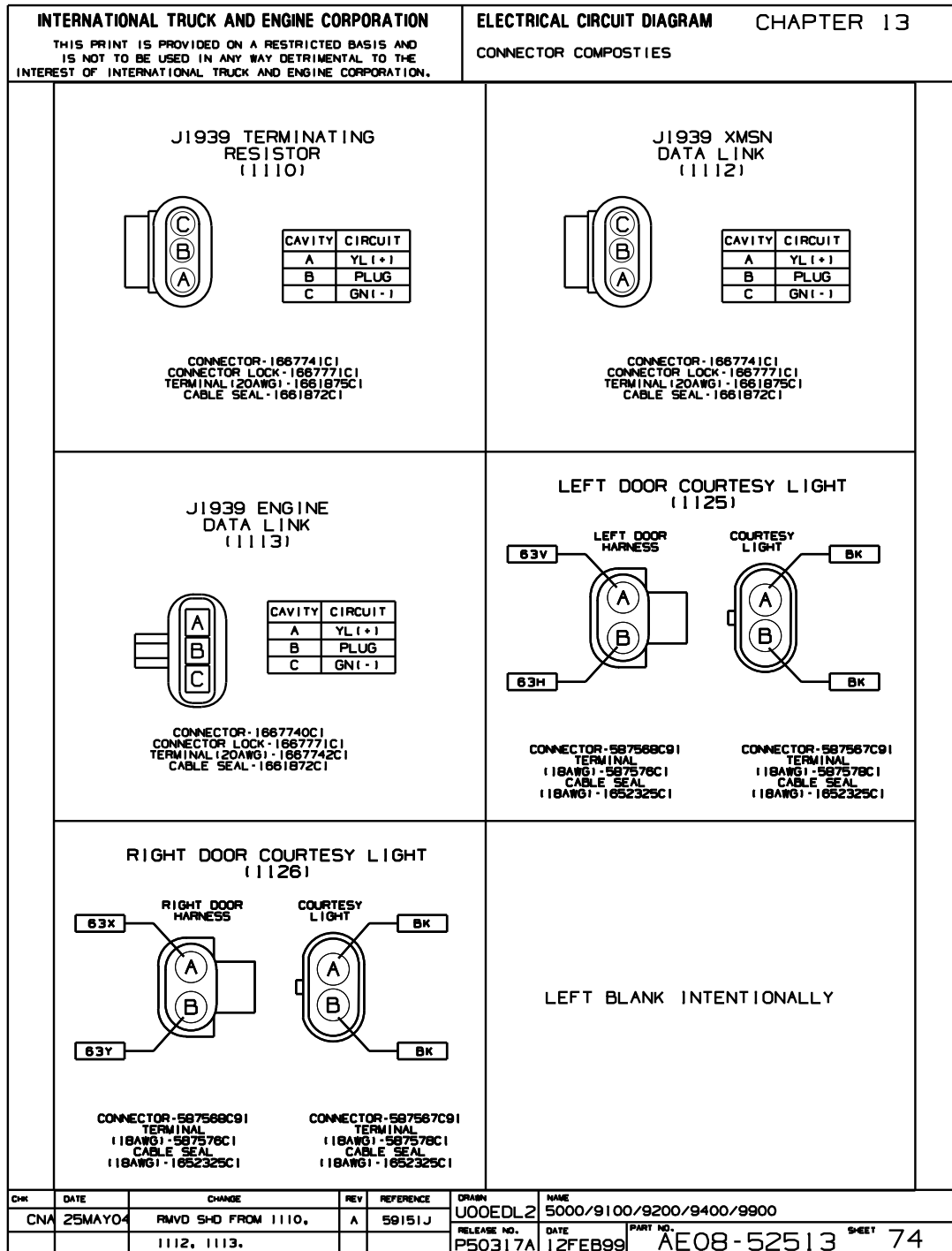
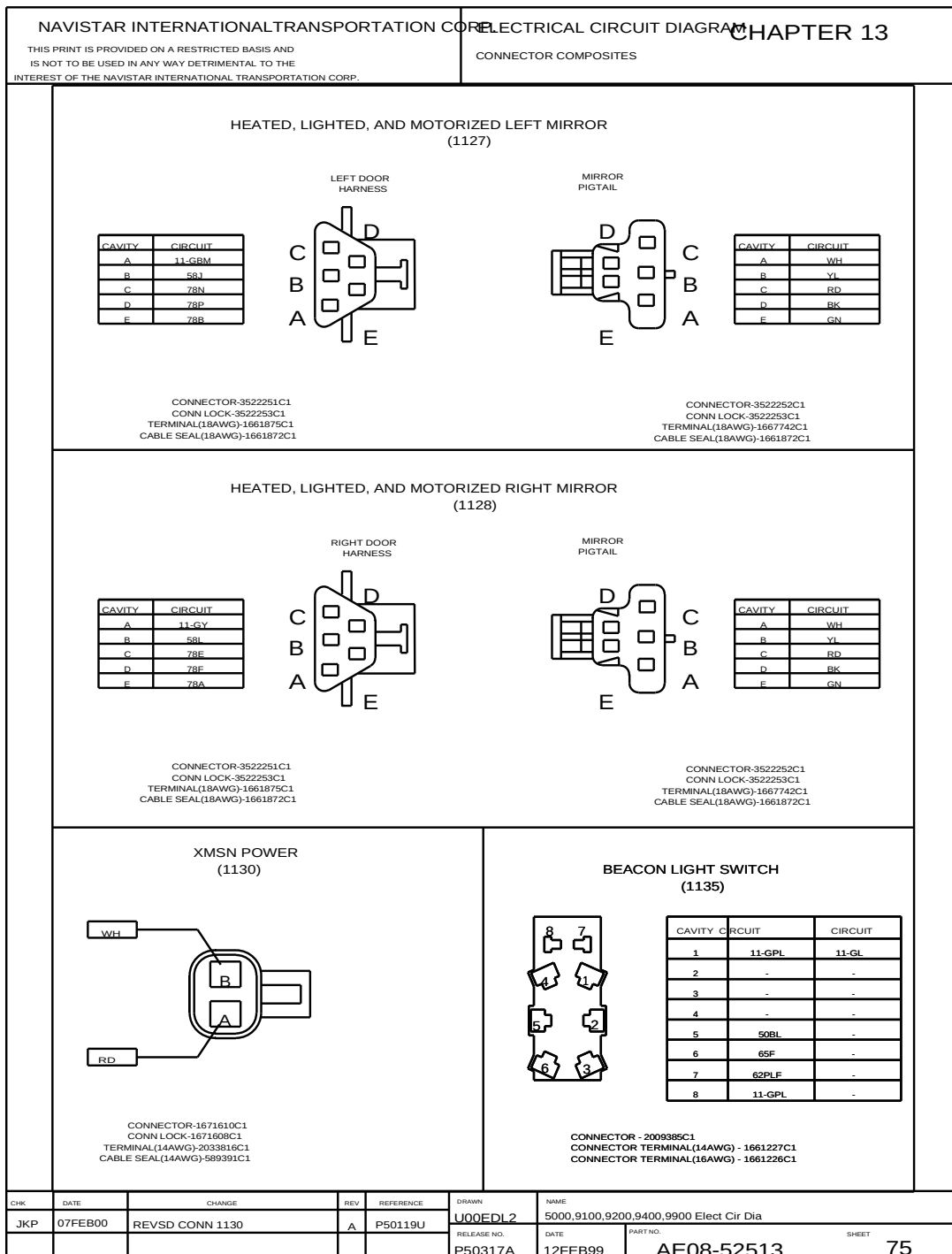


Figure 221 Connector Composites (1110), (1112), (1113), (1125), (1126)

13.75. CONNECTOR COMPOSITES (1127), (1128), (1130), (1135), P. 75

Figure 222 Connector Composites (1127), (1128), (1130), (1135)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.76. CONNECTOR COMPOSITES (1137), (1138), (1139), (1140), (1141), P. 76

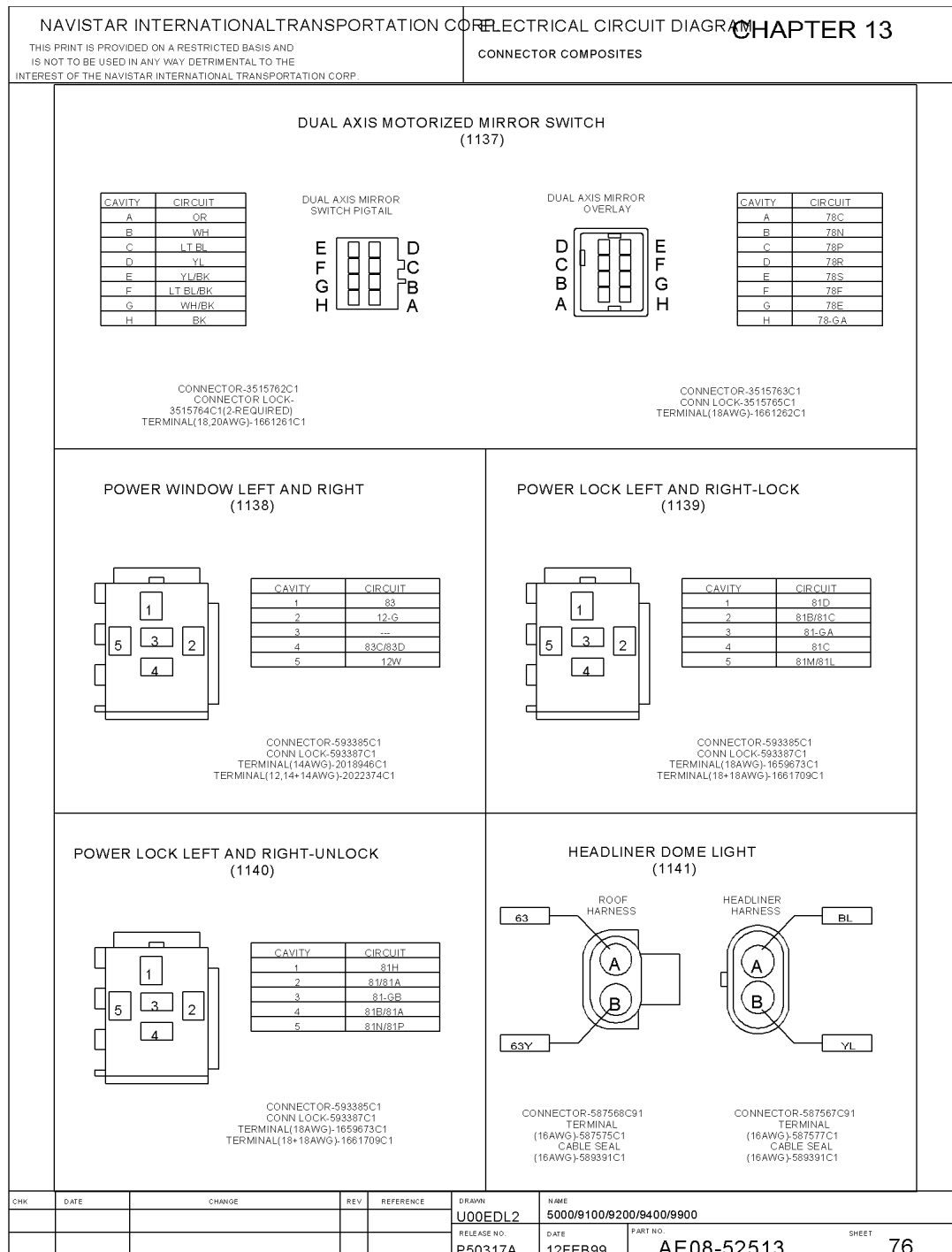
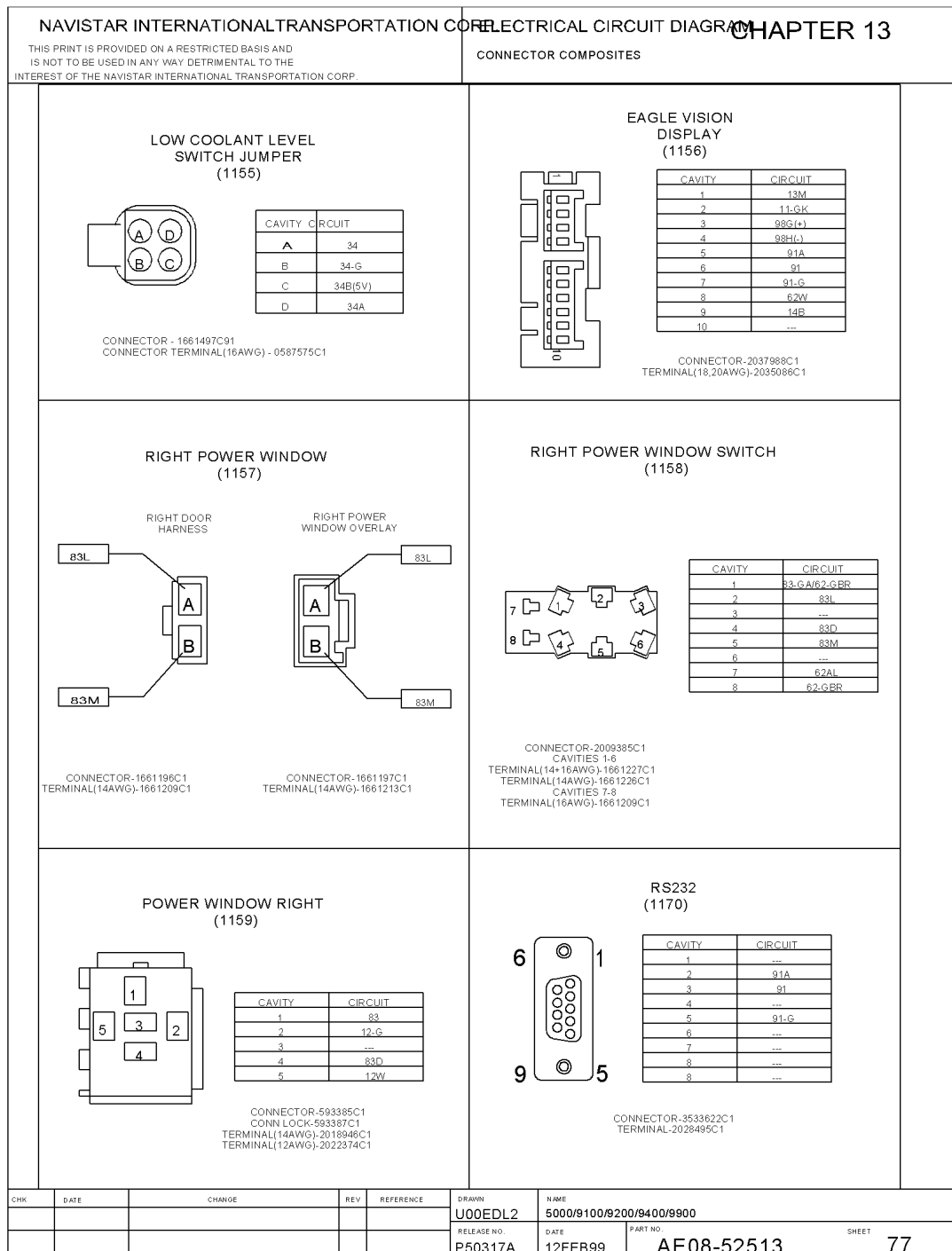


Figure 223 Connector Composites (1137), (1138), (1139), (1140), (1141)

13.77. CONNECTOR COMPOSITES (1155), (1156), (1157), (1158), (1159), (1170), P. 77

Figure 224 Connector Composites (1155), (1156), (1157), (1158), (1159), (1170)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS

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13.78. CONNECTOR COMPOSITES (1171), (1188), (1189), AND JUNCTION POINTS J7 AND J4, P. 78

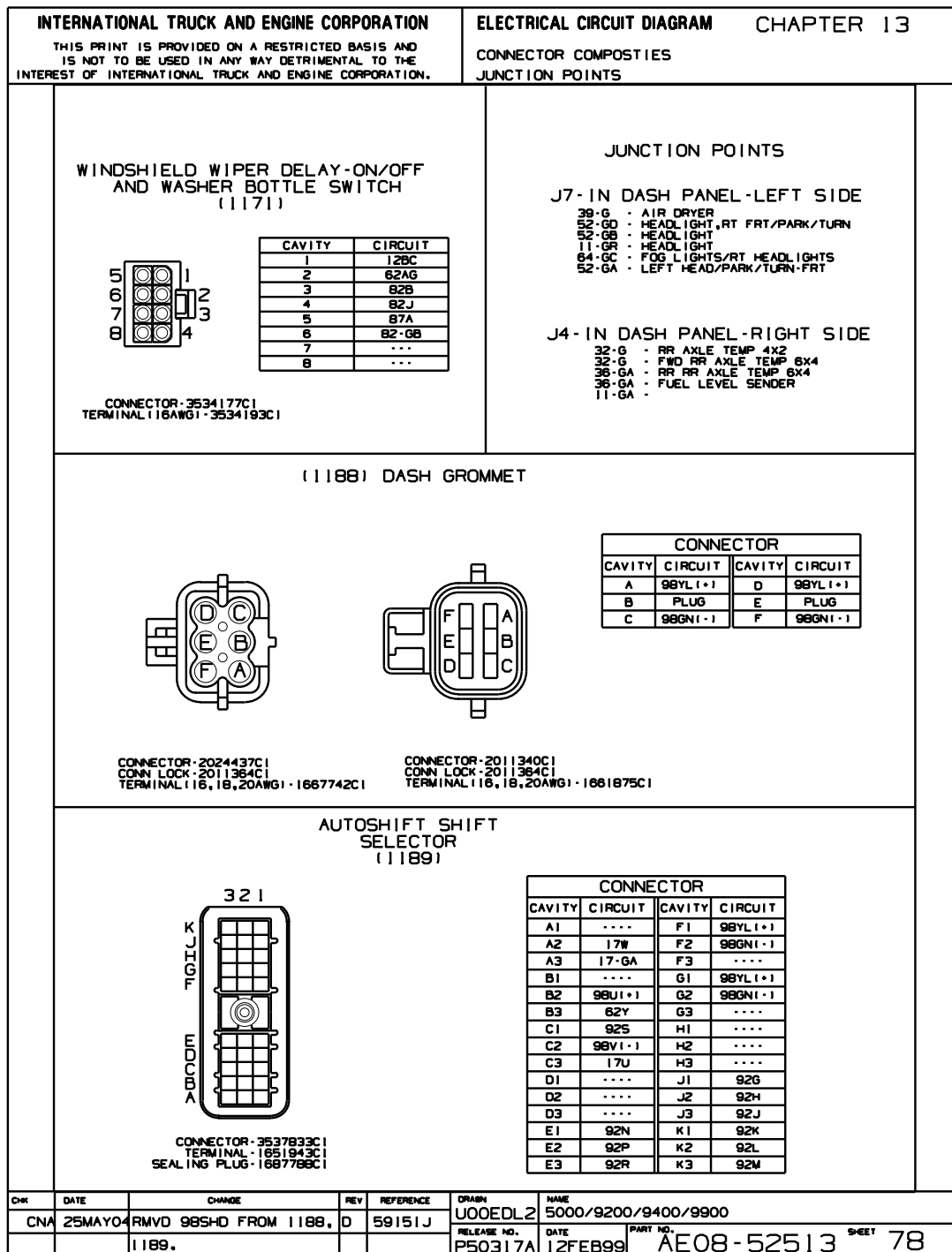


Figure 225 Connector Composite (1171), (1188), (1189), and Junction Points J4 and J7

13.79. CONNECTOR COMPOSITES (1190), (1193), (1194), (1195), (1223), (1224), (1225), P. 79

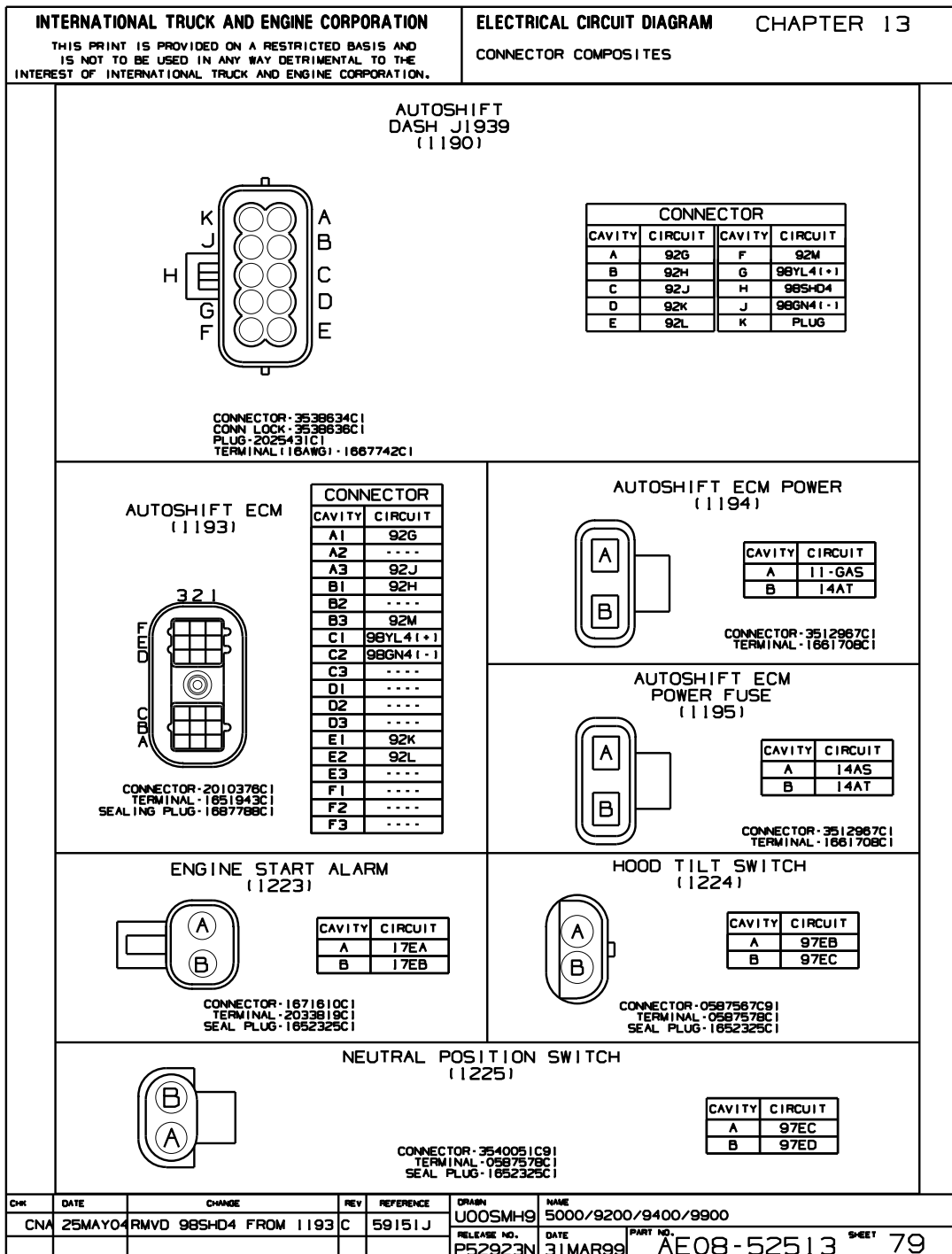


Figure 226 Connector Composites (1190), (1193), (1194), (1195), (1223), (1224), (1225)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS

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13.80. CONNECTOR COMPOSITES (1227), (1229), (1239A, B, C), (1239), (1240), P. 80

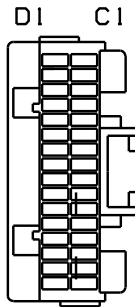
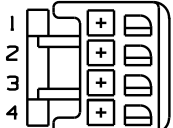
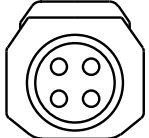
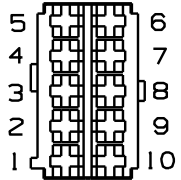
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 D1 C1 D16 C16		VORAD CPU (1227) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>CAV</th><th>CIR</th></tr> </thead> <tbody> <tr><td>C1</td><td>73A</td><td>D1</td><td>----</td></tr> <tr><td>C2</td><td>73GA</td><td>D2</td><td>----</td></tr> <tr><td>C3</td><td>73B</td><td>D3</td><td>73U</td></tr> <tr><td>C4</td><td>73C</td><td>D4</td><td>73V</td></tr> <tr><td>C5</td><td>73D</td><td>D5</td><td>73W</td></tr> <tr><td>C6</td><td>73E</td><td>D6</td><td>73X</td></tr> <tr><td>C7</td><td>98EVI(+)</td><td>D7</td><td>----</td></tr> <tr><td>C8</td><td>98EVI(-)</td><td>D8</td><td>----</td></tr> <tr><td>C9</td><td>73H</td><td>D9</td><td>----</td></tr> <tr><td>C10</td><td>----</td><td>D10</td><td>----</td></tr> <tr><td>C11</td><td>----</td><td>D11</td><td>----</td></tr> <tr><td>C12</td><td>73L</td><td>D12</td><td>----</td></tr> <tr><td>C13</td><td>73M</td><td>D13</td><td>----</td></tr> <tr><td>C14</td><td>73N</td><td>D14</td><td>----</td></tr> <tr><td>C15</td><td>73J</td><td>D15</td><td>----</td></tr> <tr><td>C16</td><td>73P</td><td>D16</td><td>----</td></tr> </tbody> </table> CONNECTOR - 3545189C TERMINAL - 3539904C BODY LOCKS - 1618846C 1618847C		CAV	CIR	CAV	CIR	C1	73A	D1	----	C2	73GA	D2	----	C3	73B	D3	73U	C4	73C	D4	73V	C5	73D	D5	73W	C6	73E	D6	73X	C7	98EVI(+)	D7	----	C8	98EVI(-)	D8	----	C9	73H	D9	----	C10	----	D10	----	C11	----	D11	----	C12	73L	D12	----	C13	73M	D13	----	C14	73N	D14	----	C15	73J	D15	----	C16	73P	D16	----
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C13	73M	D13	----																																																																				
C14	73N	D14	----																																																																				
C15	73J	D15	----																																																																				
C16	73P	D16	----																																																																				
VORAD SIDE DISPLAY UNIT (1229)  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAVITY</th><th>CIRCUIT</th></tr> </thead> <tbody> <tr><td>1</td><td>----</td></tr> <tr><td>2</td><td>73T</td></tr> <tr><td>3</td><td>73S</td></tr> <tr><td>4</td><td>73P</td></tr> </tbody> </table> CONNECTOR - 3545777C TERMINAL - 3539904C		CAVITY	CIRCUIT	1	----	2	73T	3	73S	4	73P	J1939 JUNCTION (1239A, B, C)  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAVITY</th><th>CIRCUIT</th></tr> </thead> <tbody> <tr><td>1</td><td>98YL(+)</td></tr> <tr><td>2</td><td>98SHD</td></tr> <tr><td>3</td><td>98GN(-)</td></tr> <tr><td>4</td><td>----</td></tr> </tbody> </table> CONNECTOR - 3537127C TERMINAL - 3537131C SEALING PLUG - 3537132C		CAVITY	CIRCUIT	1	98YL(+)	2	98SHD	3	98GN(-)	4	----																																																
CAVITY	CIRCUIT																																																																						
1	----																																																																						
2	73T																																																																						
3	73S																																																																						
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CAVITY	CIRCUIT																																																																						
1	98YL(+)																																																																						
2	98SHD																																																																						
3	98GN(-)																																																																						
4	----																																																																						
VORAD FRONT ANTENNA (1239)  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAVITY</th><th>CIRCUIT</th></tr> </thead> <tbody> <tr><td>1</td><td>73E</td></tr> <tr><td>2</td><td>73D</td></tr> <tr><td>3</td><td>73C</td></tr> <tr><td>4</td><td>73B</td></tr> </tbody> </table> CONNECTOR - 3545577C TERMINAL - 3519069C LOCK - 3545579C		CAVITY	CIRCUIT	1	73E	2	73D	3	73C	4	73B	EATON AUTOSHIFT GEAR DISPLAY (1240)  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAVITY</th><th>CIRCUIT</th></tr> </thead> <tbody> <tr><td>1</td><td>---</td></tr> <tr><td>2</td><td>92P</td></tr> <tr><td>3</td><td>---</td></tr> <tr><td>4</td><td>92MA</td></tr> <tr><td>5</td><td>920</td></tr> <tr><td>6</td><td>98VC(-)</td></tr> <tr><td>7</td><td>98UC(+)</td></tr> <tr><td>8</td><td>---</td></tr> <tr><td>9</td><td>---</td></tr> <tr><td>10</td><td>---</td></tr> </tbody> </table> CONNECTOR - 3584687C TERMINAL - 14-16 AWG 3548972C 18-20 AWG 3548971C		CAVITY	CIRCUIT	1	---	2	92P	3	---	4	92MA	5	920	6	98VC(-)	7	98UC(+)	8	---	9	---	10	---																																				
CAVITY	CIRCUIT																																																																						
1	73E																																																																						
2	73D																																																																						
3	73C																																																																						
4	73B																																																																						
CAVITY	CIRCUIT																																																																						
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2	92P																																																																						
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4	92MA																																																																						
5	920																																																																						
6	98VC(-)																																																																						
7	98UC(+)																																																																						
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10	---																																																																						
CHG	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																	
CNA	22OCT02	CONN 1240 WAS PART	C	56412N	U005MH9	5000/9200/9400/9900																																																																	
		NUMBER 3512117C1.			RELEASE NO. P52923N	DATE 31 MAR 99																																																																	
						PART NO. AE08-52513																																																																	
						SHEET 80																																																																	

Figure 227 Connector Composites (1227), (1229), (1239A, B, C), (1239), (1240)

13.81. CONNECTOR COMPOSITES (1241), (1243), (1244), (1258), (1260), (1261), P. 81

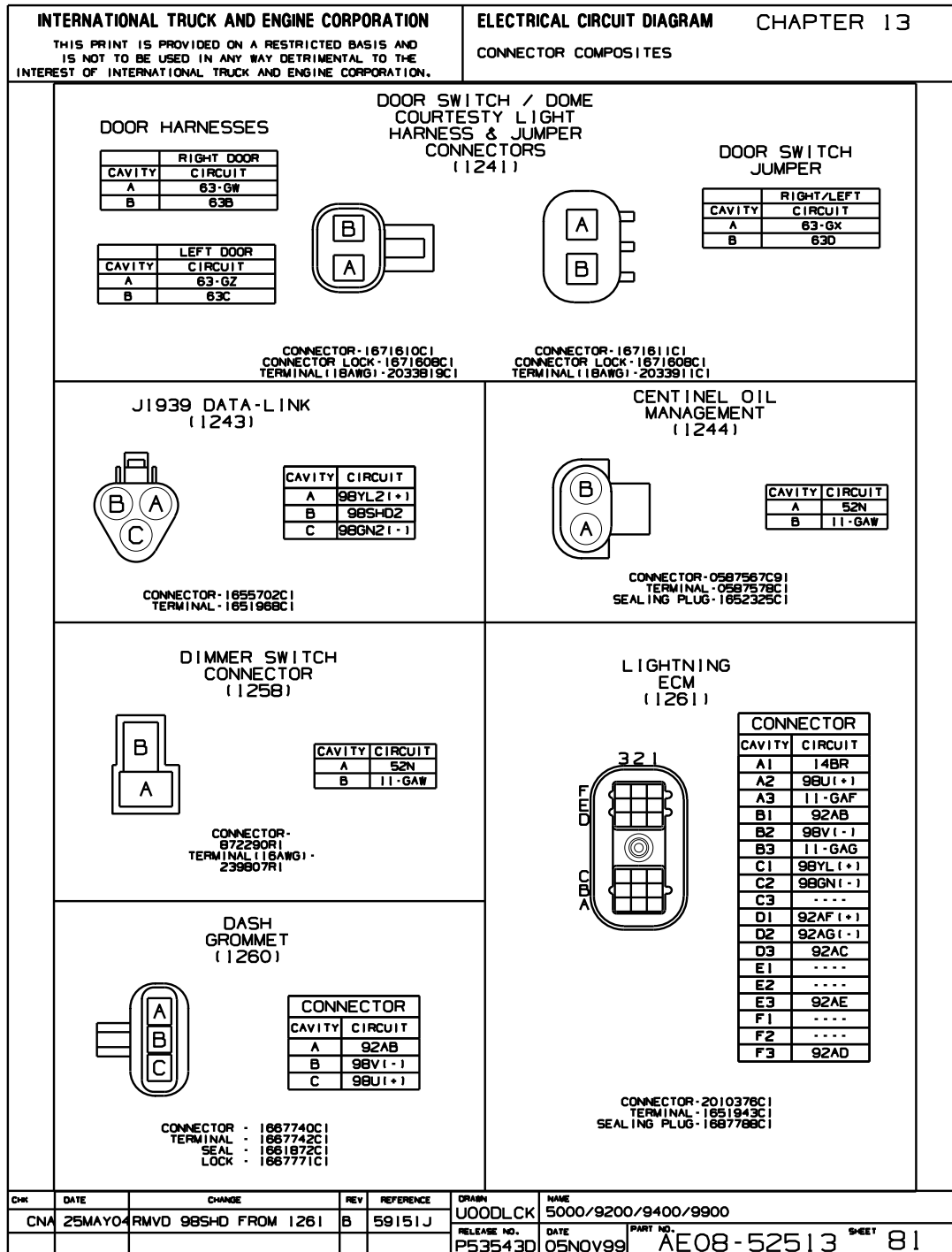


Figure 228 Connector Composites (1241), (1243), (1244), (1258), (1260), (1261)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

229

13.82. CONNECTOR COMPOSITES (1262), (1263), (1264), (1265), (1279), P. 82

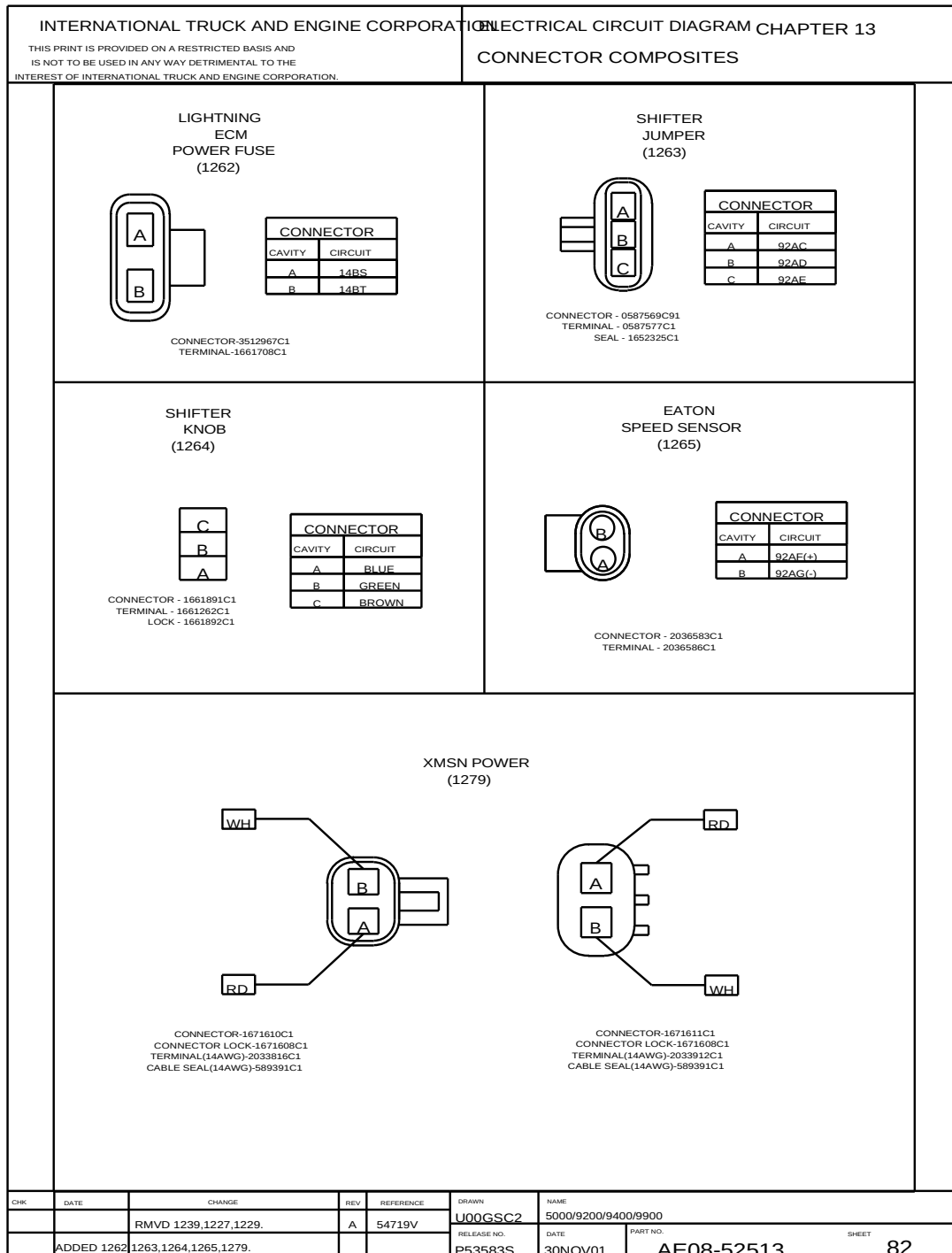


Figure 229 Connector Composites (1262), (1263), (1264), (1265), (1279)

13.83. LEFT BLANK INTENTIONALLY, P. 83

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 CHAPTER 13 CONNECTOR COMPOSITES			
LEFT BLANK INTENTIONALLY							
U00JKP2 4MAR02 U00GSD1							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
					U00JKP2	5000/9100/9200/9400/9900	
					RELEASE NO.	DATE	PART NO.
					55093E	19FEB02	AF08-52513
							SHEET 83

Figure 230 Left Blank Intentionally

**5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS**

231

13.84. CONNECTOR COMPOSITE (1285), P. 84

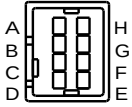
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																					
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR COMPOSITES																					
MANIFOLD PRESS GAUGE (1285) <table border="1" data-bbox="521 485 695 659"><thead><tr><th>CAVITY</th><th>CIRCUIT</th></tr></thead><tbody><tr><td>A</td><td>28M</td></tr><tr><td>B</td><td>28MA</td></tr><tr><td>C</td><td>11-GHD</td></tr><tr><td>D</td><td>62AB</td></tr><tr><td>E</td><td>98MA(+)</td></tr><tr><td>F</td><td>98MA(-)</td></tr><tr><td>G</td><td>-</td></tr><tr><td>H</td><td>-</td></tr></tbody></table> CONNECTOR-3515763C1 TERMINAL-1661262C1								CAVITY	CIRCUIT	A	28M	B	28MA	C	11-GHD	D	62AB	E	98MA(+)	F	98MA(-)	G	-	H	-
CAVITY	CIRCUIT																								
A	28M																								
B	28MA																								
C	11-GHD																								
D	62AB																								
E	98MA(+)																								
F	98MA(-)																								
G	-																								
H	-																								
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																			
		ADDED 1285	A	54719V	U00LDG2	5000/9200/9400/9900																			
					RELEASE NO.	DATE	PART NO.																		
					55093F	19FEB02	AF08-52513																		
							SHEET 84																		

Figure 231 Connector Composite (1285)

13.85. CONNECTOR COMPOSITES (1286), (1287), (1288), (1289), (1290), P. 85

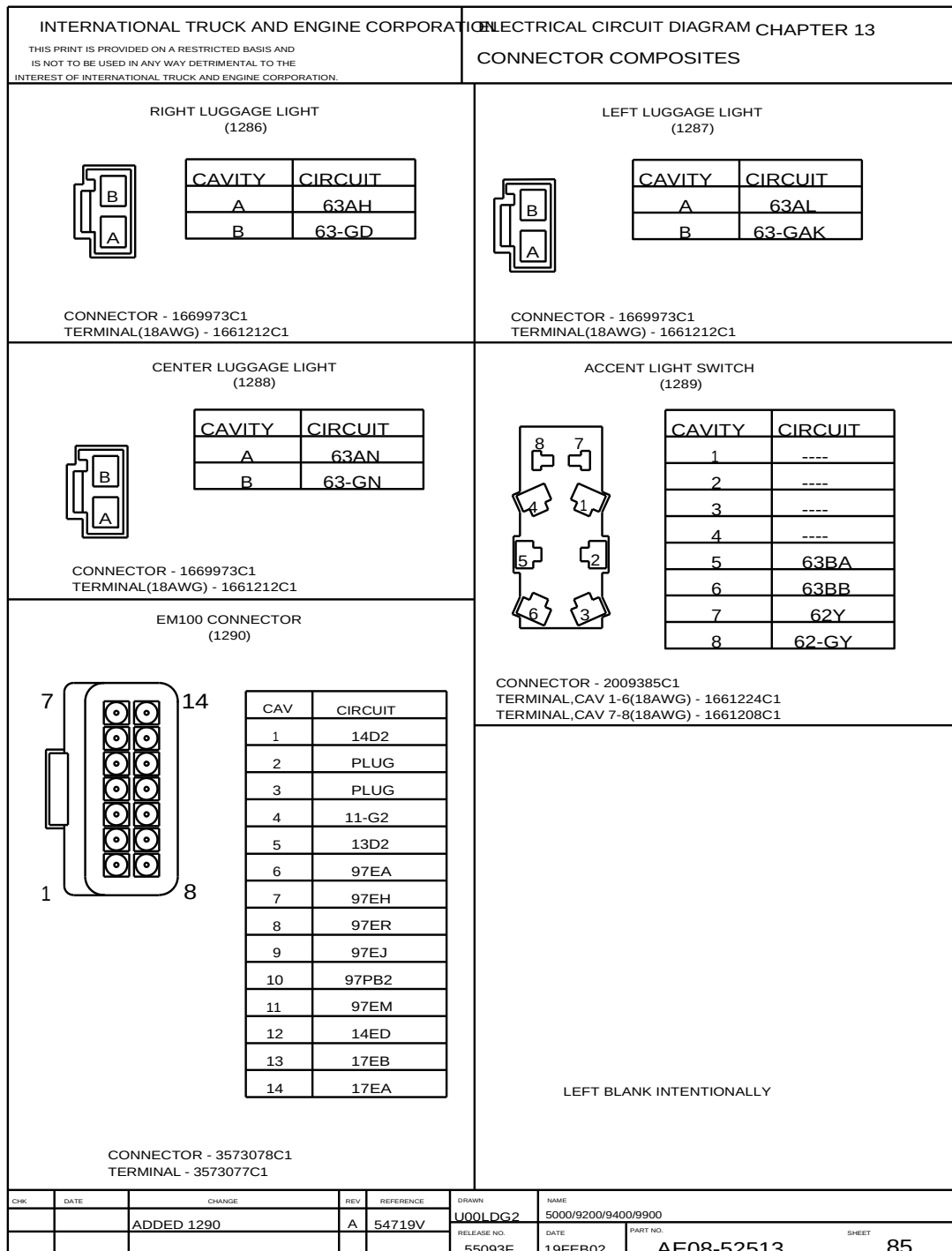


Figure 232 Connector Composites (1286), (1287), (1288), (1289), (1290)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS

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13.86. CONNECTOR COMPOSITES (1304), (1305), (1306), (1307), (1308), (1309M), P. 86

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 CHAPTER 13 CONNECTOR COMPOSITES																															
LIFT-UP BUNK LIGHT SWITCH (1304) <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>63AG</td> </tr> <tr> <td>B</td> <td>63AM</td> </tr> </tbody> </table> CONNECTOR - 1661259C1 TERMINAL (18AWG) - 1661261C1 LOCK - 1661263C1				CAVITY	CIRCUIT	A	63AG	B	63AM	AUX FAN (1305) <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>76K</td> </tr> <tr> <td>B</td> <td>76-GK</td> </tr> </tbody> </table> CONNECTOR - 0969541R1 TERMINAL (16AWG) - 0333733C1				CAVITY	CIRCUIT	A	76K	B	76-GK																
CAVITY	CIRCUIT																																		
A	63AG																																		
B	63AM																																		
CAVITY	CIRCUIT																																		
A	76K																																		
B	76-GK																																		
AUXILIARY POWER (1306) <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>86-GN</td> </tr> <tr> <td>B</td> <td>14AZ</td> </tr> </tbody> </table> CONNECTOR - 0872291R1 TERMINAL (14AWG) - 0188396R1				CAVITY	CIRCUIT	A	86-GN	B	14AZ	TV CABINET LIGHT (1307) <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>63AW</td> </tr> <tr> <td>B</td> <td>63-GW</td> </tr> </tbody> </table> CONNECTOR - 1669973C1 TERMINAL (18AWG) - 1661212C1				CAVITY	CIRCUIT	A	63AW	B	63-GW																
CAVITY	CIRCUIT																																		
A	86-GN																																		
B	14AZ																																		
CAVITY	CIRCUIT																																		
A	63AW																																		
B	63-GW																																		
EATON COBRA SHIFT LEVER (1308) <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> </tr> </thead> <tbody> <tr><td>1</td><td>92MA</td></tr> <tr><td>2</td><td>92MC</td></tr> <tr><td>3</td><td>92-GL</td></tr> <tr><td>4</td><td>92TB</td></tr> <tr><td>5</td><td>62Y</td></tr> <tr><td>6</td><td>92SL</td></tr> <tr><td>7</td><td>PLUG</td></tr> <tr><td>8</td><td>92MM</td></tr> </tbody> </table> CONNECTOR - 3539139C1 CONNECTOR LOCK - 3539144C1 TERMINAL (16AWG) - 3518963C1				CAVITY	CIRCUIT	1	92MA	2	92MC	3	92-GL	4	92TB	5	62Y	6	92SL	7	PLUG	8	92MM	EATON TONE GENERATOR (1309M) <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> </tr> </thead> <tbody> <tr><td>1</td><td>92TI</td></tr> <tr><td>2</td><td>98W (+)</td></tr> <tr><td>3</td><td>98X (-)</td></tr> <tr><td>4</td><td>92-GT</td></tr> </tbody> </table> CONNECTOR - 3575133C1 TERMINAL (18AWG) - 3575132C1				CAVITY	CIRCUIT	1	92TI	2	98W (+)	3	98X (-)	4	92-GT
CAVITY	CIRCUIT																																		
1	92MA																																		
2	92MC																																		
3	92-GL																																		
4	92TB																																		
5	62Y																																		
6	92SL																																		
7	PLUG																																		
8	92MM																																		
CAVITY	CIRCUIT																																		
1	92TI																																		
2	98W (+)																																		
3	98X (-)																																		
4	92-GT																																		
LEFT BLANK INTENTIONALLY				LEFT BLANK INTENTIONALLY																															
<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> <tr> <td>CNA</td> <td>13NOV03</td> <td>ADDED 1308 & 1309M.</td> <td>A</td> <td>58689J</td> <td>UOOLDG2</td> <td>5000/9100/9200/9400/9900</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>RELEASE NO.</td> <td>PART NO.</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>55093F</td> <td>19FEB02 AE08-52513</td> </tr> </table>								CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CNA	13NOV03	ADDED 1308 & 1309M.	A	58689J	UOOLDG2	5000/9100/9200/9400/9900						RELEASE NO.	PART NO.						55093F	19FEB02 AE08-52513
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																													
CNA	13NOV03	ADDED 1308 & 1309M.	A	58689J	UOOLDG2	5000/9100/9200/9400/9900																													
					RELEASE NO.	PART NO.																													
					55093F	19FEB02 AE08-52513																													

Figure 233 Connector Composites (1304), (1305), (1306), (1307), (1308), (1309M)

13.87. CONNECTOR COMPOSITES (1310), (1311), (1312), (1313), (1315), (1316OL), (1316PL), P. 87

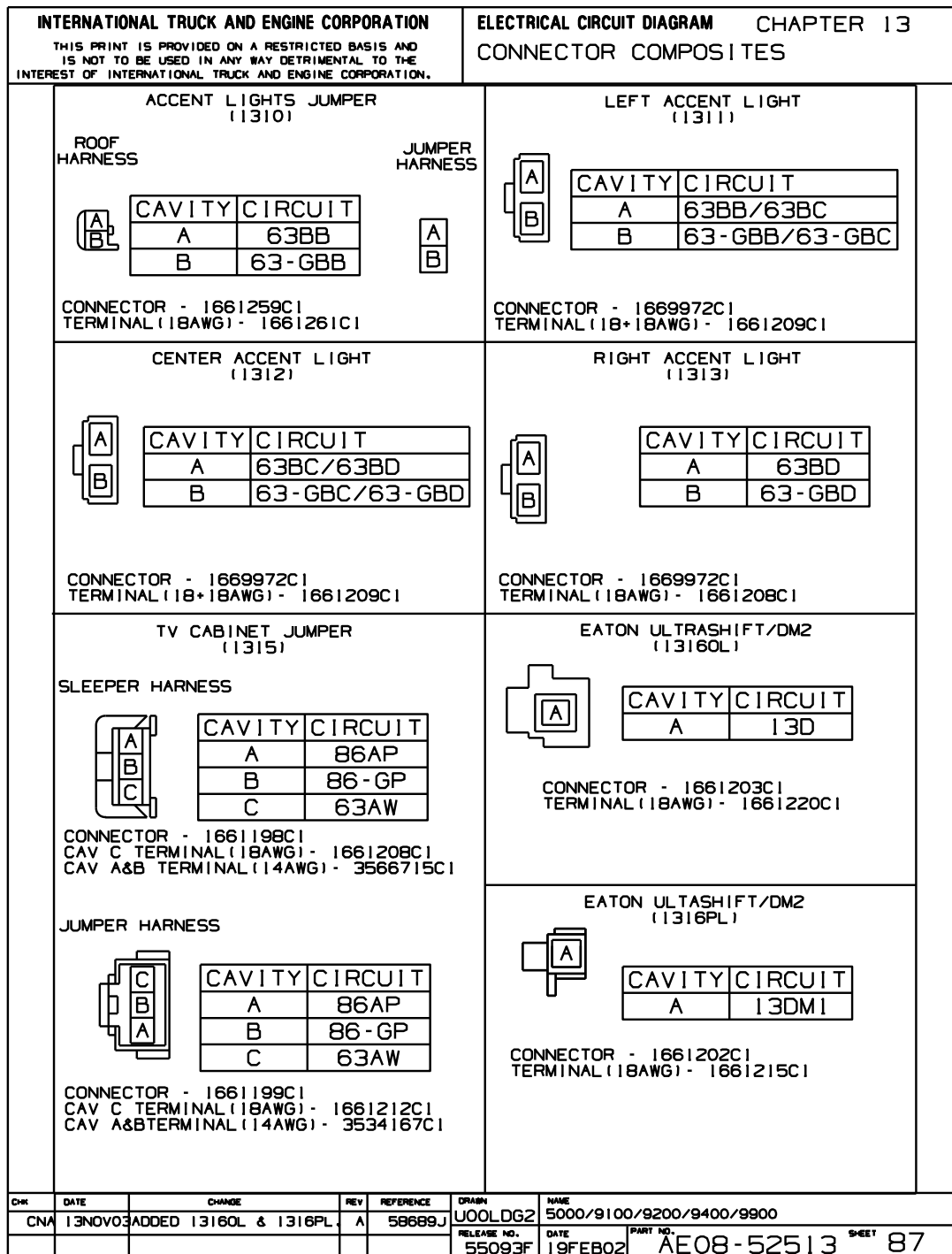


Figure 234 Connector Composites (1310), (1311), (1312), (1313), (1315), (1316OL), (1316PL)

13.88. CONNECTOR COMPOSITES (1321), (1322), (1323), (1324), (1327), (1328), P. 88

INTERNATIONAL TRUCK AND ENGINE CORPORATION				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 INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR COMPOSITES																																							
FREEDOM EATON GEAR DISPLAY (1321) 5 4 3 2 1 6 7 8 9 10 <table><tr><th>CAVITY</th><th>CIRCUIT</th></tr><tr><td>1</td><td>---</td></tr><tr><td>2</td><td>92P</td></tr><tr><td>3</td><td>---</td></tr><tr><td>4</td><td>92-GB</td></tr><tr><td>5</td><td>92FW</td></tr><tr><td>6</td><td>98FZ (-)</td></tr><tr><td>7</td><td>98HA (+)</td></tr><tr><td>8</td><td>---</td></tr><tr><td>9</td><td>---</td></tr><tr><td>10</td><td>---</td></tr></table> CONNECTOR - 3584687C1 TERMINAL - 14-16 AWG 3548972C1 - 18-20 AWG 3548971C1 REMOTE RADIO (1322) A B C D H G F E <table><tr><th>CAVITY</th><th>CIRCUIT</th></tr><tr><td>A</td><td>RED</td></tr><tr><td>B</td><td>----</td></tr><tr><td>C</td><td>GREEN</td></tr><tr><td>D</td><td>BLACK</td></tr><tr><td>E</td><td>ORANGE</td></tr><tr><td>F</td><td>WHITE</td></tr><tr><td>G</td><td>BLUE</td></tr><tr><td>H</td><td>SHIELD</td></tr></table> CONNECTOR - 3571089C91 TERMINAL - PURCHASED ASSEMBLY				CAVITY	CIRCUIT	1	---	2	92P	3	---	4	92-GB	5	92FW	6	98FZ (-)	7	98HA (+)	8	---	9	---	10	---	CAVITY	CIRCUIT	A	RED	B	----	C	GREEN	D	BLACK	E	ORANGE	F	WHITE	G	BLUE	H	SHIELD
CAVITY	CIRCUIT																																										
1	---																																										
2	92P																																										
3	---																																										
4	92-GB																																										
5	92FW																																										
6	98FZ (-)																																										
7	98HA (+)																																										
8	---																																										
9	---																																										
10	---																																										
CAVITY	CIRCUIT																																										
A	RED																																										
B	----																																										
C	GREEN																																										
D	BLACK																																										
E	ORANGE																																										
F	WHITE																																										
G	BLUE																																										
H	SHIELD																																										
REMOTE RADIO (1323) A B C D H G F E <table><tr><th>CAVITY</th><th>CIRCUIT</th></tr><tr><td>A</td><td>RED</td></tr><tr><td>B</td><td>----</td></tr><tr><td>C</td><td>GREEN</td></tr><tr><td>D</td><td>BLACK</td></tr><tr><td>E</td><td>ORANGE</td></tr><tr><td>F</td><td>WHITE</td></tr><tr><td>G</td><td>BLUE</td></tr><tr><td>H</td><td>SHIELD</td></tr></table> CONNECTOR - 3571089C91 TERMINAL - PURCHASED ASSEMBLY PRIMING PUMP (1324) 1 2 <table><tr><th>CAV</th><th>CIRCUIT</th></tr><tr><td>1</td><td>97-GP</td></tr><tr><td>2</td><td>97BB</td></tr></table> CONNECTOR - 3573078C1 TERMINAL - 3573077C1				CAVITY	CIRCUIT	A	RED	B	----	C	GREEN	D	BLACK	E	ORANGE	F	WHITE	G	BLUE	H	SHIELD	CAV	CIRCUIT	1	97-GP	2	97BB																
CAVITY	CIRCUIT																																										
A	RED																																										
B	----																																										
C	GREEN																																										
D	BLACK																																										
E	ORANGE																																										
F	WHITE																																										
G	BLUE																																										
H	SHIELD																																										
CAV	CIRCUIT																																										
1	97-GP																																										
2	97BB																																										
LEFT VOLUME CONTROL JUMPER (1327) B C A <table><tr><th>CAVITY</th><th>CIRCUIT</th></tr><tr><td>A</td><td>----</td></tr><tr><td>B</td><td>86AR</td></tr><tr><td>C</td><td>86AR</td></tr></table> CONNECTOR - 0266515C1 TERMINAL (18AWG) - 0241117R1 RIGHT VOLUME CONTROL JUMPER (1328) C B A <table><tr><th>CAVITY</th><th>CIRCUIT</th></tr><tr><td>A</td><td>----</td></tr><tr><td>B</td><td>86AT</td></tr><tr><td>C</td><td>86AT</td></tr></table> CONNECTOR - 0266516C1 TERMINAL (18AWG) - 0879630R1				CAVITY	CIRCUIT	A	----	B	86AR	C	86AR	CAVITY	CIRCUIT	A	----	B	86AT	C	86AT																								
CAVITY	CIRCUIT																																										
A	----																																										
B	86AR																																										
C	86AR																																										
CAVITY	CIRCUIT																																										
A	----																																										
B	86AT																																										
C	86AT																																										
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																					
		ADDED 1324	A	54719V	UOOLDG2	5000/9200/9400/9900																																					
CNA	22OCT02	ADDED 1321 CONN.	B	56412N	55093F	19FEB02	PART NO. AE08-52513 SHEET 88																																				

Figure 235 Connector Composites (1321), (1322), (1323), (1324), (1327), (1328)

13.89. CONNECTOR COMPOSITES (1331), (1332), P. 89

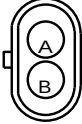
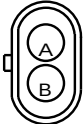
INTERNATIONAL TRUCK AND ENGINE CORPORATION					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																		
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					CONNECTOR COMPOSITES																																		
DRIVER'S HEATED SEAT CONN (1331)  <table border="1" style="margin-left: 20px; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 2px;">CAVITY</th> <th style="padding: 2px;">CIRCUIT</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">A</td> <td style="padding: 2px;">WH</td> </tr> <tr> <td style="padding: 2px;">B</td> <td style="padding: 2px;">BK</td> </tr> </tbody> </table> CONNECTOR-0587567C91 TERMINAL(18AWG)-0587578C1 SEAL-1652325C1					CAVITY	CIRCUIT	A	WH	B	BK	HEATED PASSENGER SEAT CONN (1332)  <table border="1" style="margin-left: 20px; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 2px;">CAVITY</th> <th style="padding: 2px;">CIRCUIT</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">A</td> <td style="padding: 2px;">BK</td> </tr> <tr> <td style="padding: 2px;">B</td> <td style="padding: 2px;">WH</td> </tr> </tbody> </table> CONNECTOR-0587567C91 TERMINAL(18AWG)-0587578C1 SEAL-1652325C1					CAVITY	CIRCUIT	A	BK	B	WH																		
CAVITY	CIRCUIT																																						
A	WH																																						
B	BK																																						
CAVITY	CIRCUIT																																						
A	BK																																						
B	WH																																						
<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th style="width: 5%;">CHK</th> <th style="width: 10%;">DATE</th> <th style="width: 30%;">CHANGE</th> <th style="width: 5%;">REV</th> <th style="width: 15%;">REFERENCE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>					CHK	DATE	CHANGE	REV	REFERENCE																<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th style="width: 20%;">DRAWN</th> <th style="width: 20%;">NAME</th> <th style="width: 20%;">DATE</th> <th style="width: 20%;">PART NO.</th> <th style="width: 20%;">SHEET</th> </tr> </thead> <tbody> <tr> <td>U00JKP2 4MAR02 U00GSD1</td> <td>5000/9100/9200/9400/9900</td> <td>19FEB02</td> <td>AF08-52513</td> <td>89</td> </tr> </tbody> </table>					DRAWN	NAME	DATE	PART NO.	SHEET	U00JKP2 4MAR02 U00GSD1	5000/9100/9200/9400/9900	19FEB02	AF08-52513	89
CHK	DATE	CHANGE	REV	REFERENCE																																			
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U00JKP2 4MAR02 U00GSD1	5000/9100/9200/9400/9900	19FEB02	AF08-52513	89																																			

Figure 236 Connector Composites (1331), (1332)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.90. CONNECTOR COMPOSITES (1348), (1349), P. 90

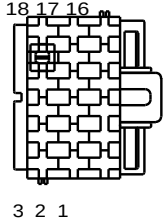
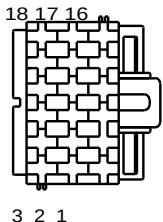
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																									
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR COMPOSITES																																									
ABS6 ECU CONNECTOR 1 (1348)  18 17 16 3 2 1 BLACK AMP CONNECTOR-3596926C1 CAVITIES 1,3,16 USE 12AWG-3597157C1 CAVITIES 12,18 USE 16AWG-3548970C1 CAVITIES 2,7,9 USE 18AWG-3598072C1 CAVITIES 13,14 USE 16AWG-3598073C1 CONNECTOR BODY LOCK-3562309C1 <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"><thead><tr><th>CAVITY</th><th>CIRCUIT</th></tr></thead><tbody><tr><td>1</td><td>94-GA</td></tr><tr><td>2</td><td>94T</td></tr><tr><td>3</td><td>94KA</td></tr><tr><td>4</td><td>94BW*</td></tr><tr><td>5</td><td>94BV*</td></tr><tr><td>6</td><td>94BE*</td></tr><tr><td>7</td><td>GN1(-)</td></tr><tr><td>8</td><td>YL1(+)</td></tr><tr><td>9</td><td>-</td></tr><tr><td>10</td><td>94BY</td></tr><tr><td>11</td><td>94BX</td></tr><tr><td>12</td><td>94-GL2</td></tr><tr><td>13</td><td>98K(-)</td></tr><tr><td>14</td><td>98J(+)</td></tr><tr><td>16</td><td>94P</td></tr><tr><td>17</td><td>92VT**</td></tr><tr><td>18</td><td>94H</td></tr></tbody></table> *W/AUTO TRACTION CONTROL **W/HD AUTO XMSN								CAVITY	CIRCUIT	1	94-GA	2	94T	3	94KA	4	94BW*	5	94BV*	6	94BE*	7	GN1(-)	8	YL1(+)	9	-	10	94BY	11	94BX	12	94-GL2	13	98K(-)	14	98J(+)	16	94P	17	92VT**	18	94H		
CAVITY	CIRCUIT																																												
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17	92VT**																																												
18	94H																																												
ABS6 ECU CONNECTOR 2 (1349)  18 17 16 3 2 1 GREEN AMP CONNECTOR-3596929C1 TERMINAL(18AWG)-3598072C1 <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"><thead><tr><th>CAVITY</th><th>CIRCUIT</th></tr></thead><tbody><tr><td>1</td><td>94BM</td></tr><tr><td>2</td><td>94BK</td></tr><tr><td>3</td><td>94BL</td></tr><tr><td>4</td><td>94BJ</td></tr><tr><td>5</td><td>94BF</td></tr><tr><td>6</td><td>94BH</td></tr><tr><td>7</td><td>94CB</td></tr><tr><td>8</td><td>94BC</td></tr><tr><td>9</td><td>94BP</td></tr><tr><td>10</td><td>94BN</td></tr><tr><td>11</td><td>94BB</td></tr><tr><td>12</td><td>94BU</td></tr><tr><td>13</td><td>94BR</td></tr><tr><td>14</td><td>94BA</td></tr><tr><td>15</td><td>94BZ</td></tr><tr><td>16</td><td>94BT</td></tr><tr><td>17</td><td>94BS</td></tr><tr><td>18</td><td>94CA</td></tr></tbody></table>								CAVITY	CIRCUIT	1	94BM	2	94BK	3	94BL	4	94BJ	5	94BF	6	94BH	7	94CB	8	94BC	9	94BP	10	94BN	11	94BB	12	94BU	13	94BR	14	94BA	15	94BZ	16	94BT	17	94BS	18	94CA
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN U00MBC3	NAME 5000/9100/9200/9400/9900																																							
					RELEASE NO. 50337C	DATE 20APR04	PART NO. AF08-52513																																						
							SHEET 90																																						

Figure 237 Connector Composites (1348), (1349)

13.91. CONNECTOR COMPOSITES (1360), (1361), (5710L), P. 91

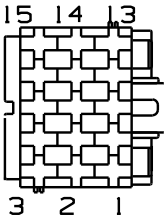
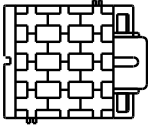
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES																																	
ABS-6 ADVANCE ECU CONNECTOR 3 (1360)  PINK AMP CONNECTOR - 3596928C1 TERMINAL 118AWG1 - 3596072C1 W/BENDIX RSP <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> </tr> </thead> <tbody> <tr><td>1</td><td>-</td></tr> <tr><td>2</td><td>-</td></tr> <tr><td>3</td><td>945K</td></tr> <tr><td>4</td><td>-</td></tr> <tr><td>5</td><td>945J</td></tr> <tr><td>6</td><td>-</td></tr> <tr><td>7</td><td>-</td></tr> <tr><td>8</td><td>-</td></tr> <tr><td>9</td><td>-</td></tr> <tr><td>10</td><td>-</td></tr> <tr><td>11</td><td>-</td></tr> <tr><td>12</td><td>-</td></tr> <tr><td>13</td><td>-</td></tr> <tr><td>14</td><td>-</td></tr> <tr><td>15</td><td>-</td></tr> </tbody> </table>						CAVITY	CIRCUIT	1	-	2	-	3	945K	4	-	5	945J	6	-	7	-	8	-	9	-	10	-	11	-	12	-	13	-	14	-	15	-
CAVITY	CIRCUIT																																				
1	-																																				
2	-																																				
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15	-																																				
ABS-6 ADVANCE ECU CONNECTOR 4 (1361)  GREEN AMP CONNECTOR - 3596927C1 TERMINAL 118AWG1 - 3596072C1 W/BENDIX RSP <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> </tr> </thead> <tbody> <tr><td>1</td><td>945ZD</td></tr> <tr><td>2</td><td>945E</td></tr> <tr><td>3</td><td>945H</td></tr> <tr><td>4</td><td>945VD</td></tr> <tr><td>5</td><td>945F</td></tr> <tr><td>6</td><td>945L</td></tr> <tr><td>7</td><td>945DA</td></tr> <tr><td>8</td><td>945CA</td></tr> <tr><td>9</td><td>945M</td></tr> <tr><td>10</td><td>945BA</td></tr> <tr><td>11</td><td>945AA</td></tr> <tr><td>12</td><td>945N</td></tr> </tbody> </table>						CAVITY	CIRCUIT	1	945ZD	2	945E	3	945H	4	945VD	5	945F	6	945L	7	945DA	8	945CA	9	945M	10	945BA	11	945AA	12	945N						
CAVITY	CIRCUIT																																				
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ABS6 FEED CONNECTOR (5710L)  CONNECTOR - 1861203C1 TERMINAL 110RD1 - 1861627C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> <th>B/O</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>14AN</td> <td>D2</td> </tr> </tbody> </table>						CAVITY	CIRCUIT	B/O	A	14AN	D2																										
CAVITY	CIRCUIT	B/O																																			
A	14AN	D2																																			
<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> <tr> <td>JKF</td> <td>15JUL05</td> <td>ADDED CONNECTORS 1360 AND 1361.</td> <td>A</td> <td>59716T</td> <td>U00MBC3</td> <td>5000/9100/9200/9400/9900</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>RELEASE NO. 50337C</td> <td>DATE 20APR04 PART NO. AE08-52513 SHEET 91</td> </tr> </table>						CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	JKF	15JUL05	ADDED CONNECTORS 1360 AND 1361.	A	59716T	U00MBC3	5000/9100/9200/9400/9900						RELEASE NO. 50337C	DATE 20APR04 PART NO. AE08-52513 SHEET 91											
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					RELEASE NO. 50337C	DATE 20APR04 PART NO. AE08-52513 SHEET 91																															

Figure 238 Connector Composites (1360), (1361), (5710L)

5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14. POWER DISTRIBUTION LAYOUT (CHAPTER 14)

14.1. POWER DISTRIBUTION CENTER, FUSE AND CIRCUIT BREAKER LOCATION, P. 1

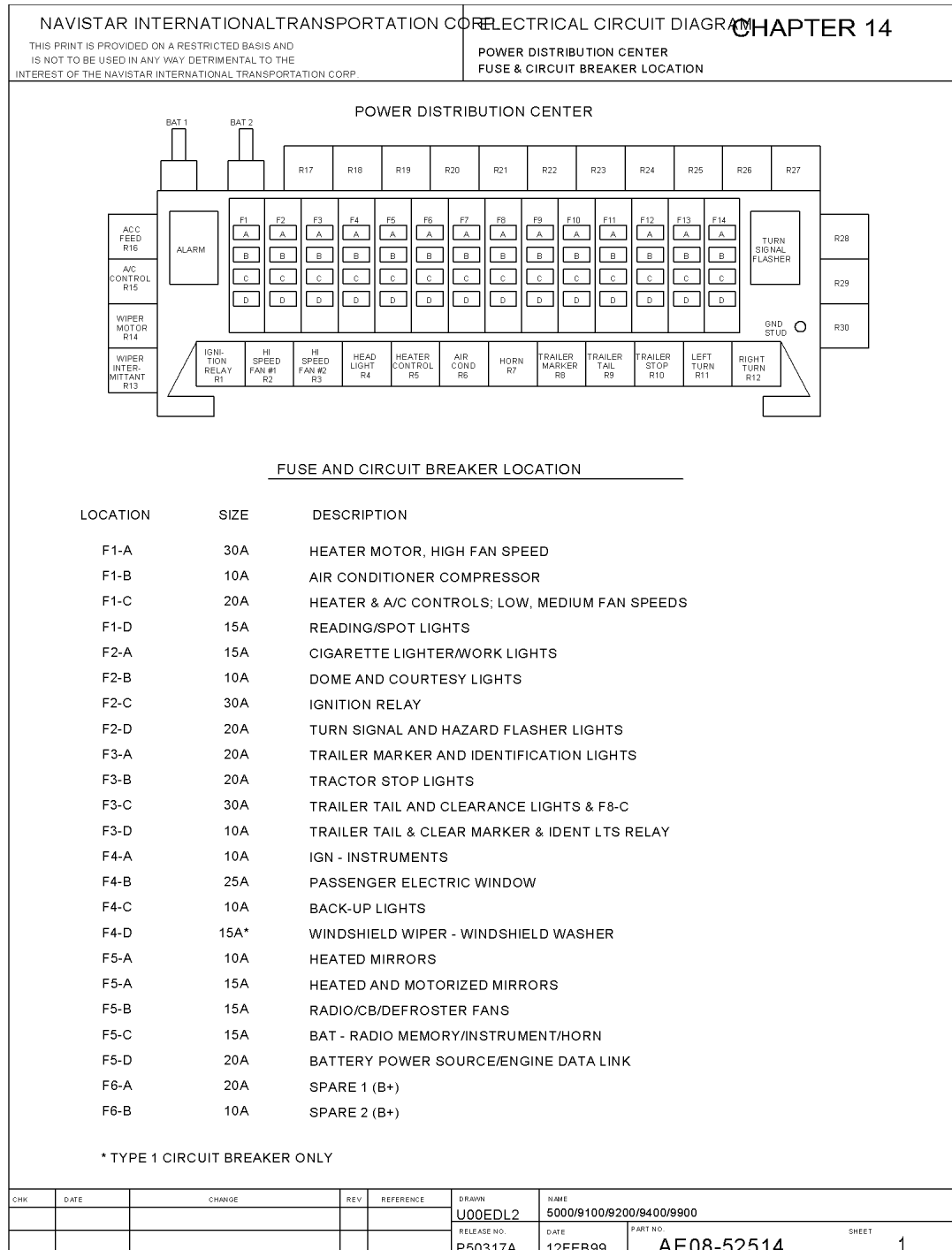


Figure 239 Power Distribution Center, Fuse and Circuit Breaker Location

14.2. FUSE AND CIRCUIT BREAKER LOCATION (CONT.), P. 2

INTERNATIONAL TRUCK AND ENGINE CORPORATION				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 INTERNATIONAL TRUCK AND ENGINE CORPORATION.				FUSE & CIRCUIT BREAKER LOCATION (CONTINUED)			
LOCATION	SIZE	DESCRIPTION					
F6-C	30A	A3 - ACCESSORY RELAY FOR A3-ADAPTER					
F6-D	20A	ENGINE ECM POWER (CAT)					
F6-D	5A••	ENGINE ECM POWER (CUMMINS,DETROIT)					
F7-A	25A	KEY SWITCH CIRCUIT & RELATED RELAYS FOR IGN & ACC					
F7-B	15A	TRAILER LEFT TURN LIGHTS & INDICATOR BULB					
F7-C	15A	TRAILER RIGHT TURN LIGHTS & INDICATOR BULB					
F7-D	30A	TRAILER STOP LIGHTS					
F8-A	10A•	HEADLIGHT SWITCH RELAY FEED					
F8-B	25A•	HEADLIGHT FEED					
F8-C	15A	LIGHTS PANEL-MIRROR,CAB CLEAR,TRACTOR PARK & TAIL					
F8-D	20A	SLEEPER-DOME,READING & LUGGAGE LIGHTS					
F9-A	10A	AIR DRYER FEED					
F9-B	20A	IGN-DAYTIME RUNNING LIGHTS FEED					
F9-C	5A••	BAT-DAYTIME RUNNING LIGHTS FEED					
F9-D	10A	HEATER CONTROL MODULE IGNITION FEED					
F10-A	15A	TRAILER ABS POWER FEED					
F10-B	30A	WIPER-WASHER/ACCESSORY					
THE FOLLOWING FUSE AND CIRCUIT BREAKERS (LOCATIONS F10-C THRU F13-D) ARE OPTIONAL. LOCATIONS ARE CHOSEN BY COMPUTER SOFTWARE PROGRAM ACCORDING TO CUSTOMER ORDER. SEE POWER DISTRIBUTION CENTER FOR ACTUAL LOCATIONS.							
F10-C	10A	FAN DRIVE (DETROIT)					
F10-D	15A	OPTIMIZED IDLE-INDICATOR LIGHT & ALARM					
F11-A	15A	OPTIMIZED IDLE-IGNITION RELAY & THERMOSTAT					
F11-B	20A	FUEL SOLENOID W/3406C MECH					
F11-C	20A	KYSOR SHUTDOWN W/3406C MECH					
F11-D	5A••	ENGINE DATA LINK W/3406C MECH					
F12-A	15A	ENGINE BRAKE W/3406C MECH					
F12-B	15A	BUNK AUXILIARY BLOWER					
F12-C	10A	EXHAUST PYROMETER					
F12-D	10A	ETHER START					
F13-A	20A	FOG LIGHTS					
F13-B	30A	BENDIX ABS BATTERY					
F13-C	5A	BENDIX ABS IGNITION					
F13-D	10A	WABCO ABS IGNITION					
F14-A	10A	IGN - WABCO ABS					
F14-B	10A	ANALOG CLOCK					
F14-C	30A	SPARE SWITCH FEED					
F14-D	15A	KYSOR LOW COOLANT					
	10A	MERITOR G SERIES XMSN					
	5A	REFRIGERATOR					
	10A	DRIVER HEATED SEAT					
	10A	PASSENGER HEATED SEAT					
• TYPE 1 CIRCUIT BREAKER ONLY							
•• FUSE ONLY							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA	12MAY04	F13-C FUSE WAS 10A	C	50337C	U00EDL2	5000/9100/9200/9400/9900	
BENDIX ABS TRACTION CONTROL.					RELEASE NO.	DATE	PART NO.
					P50317A	12FEB99	AE08-52514
					SHEET 02		

Figure 240 Power Distribution Center, Fuse and Circuit Breaker Location (Cont.)

**5500i, 5600i, 5900i, 9200i, 9400i and 9900i Chassis Built December 1, 2005 and
After — ELECTRICAL CIRCUIT DIAGRAMS**

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14.3. RELAY LOCATION, P. 3

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

CHAPTER 14

RELAY LOCATION

LOCATION	DESCRIPTION
R1	IGNITION
R2	HIGH SPEED FAN
R3	MEDIUM SPEED FAN
R4	HEADLIGHT
R5	HEATER CONTROL
R6	AIR CONDITIONER
R7	HORN
R8	TRAILER MARKER
R9	TRAILER TAIL
R10	TRAILER STOP
R11	LEFT TURN
R12	RIGHT TURN
R13	ELECT WIPER/INTERMITTANT
R14	ELECT WIPER MOTOR
R15	A/C CONTROL RELAY
R16	ACCESSORY FEED RELAY
R17	AIR DRYER
R18	BUNK AUX BLOWER
R19	FOG LIGHTS
R20	RELAY CONTROL ACC ADAPTER
R21	ABS TRAILER RELAY

THE FOLLOWING RELAYS (LOCATIONS R22 THRU R30) ARE OPTIONAL. LOCATIONS ARE CHOSEN BY COMPUTER SOFTWARE PROGRAM ACCORDING TO CUSTOMER ORDER. SEE POWER DISTRIBUTION CENTER FOR ACTUAL LOCATIONS.

R22	ABS IGNITION OR BATTERY (N/ABS-6)
R23	ABS WARNING LIGHT (N/ABS-6)
R24	ABS ENGINE BRAKE INTERRUPT
R25	SPARE ACC RELAY SWITCH
R26	KYSOR SHUTDOWN
R27	ABS BATTERY
R28	
R29	
R30	

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA	12MAY04	VTT//ADDED (N/ABS-6)	A	50337C	U00EDL2	5000/9100/9200/9400/9900
		DESCRIPTION TO R22 & R23.			RELEASE NO.	DATE
					P50317A	12FEB99
						PART NO.
						AE08-52514
						SHEET 03

Figure 241 Relay Location

14.4. PRO SLEEPER FUSE INDEX, P. 4

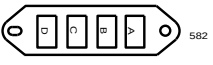
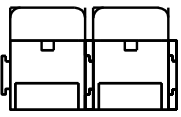
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM																		
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CHAPTER 14 PRO-SLEEPER FUSE INDEX																		
PRO-SLEEPER FUSE INDEX  582 LEFT LUGGAGE COMPARTMENT <table><thead><tr><th>LOCATION</th><th>SIZE</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>582-A</td><td>20A</td><td>TV/VCR</td></tr><tr><td>582-B</td><td>5A</td><td>AUXILIARY FAN</td></tr><tr><td>582-C</td><td>10A</td><td>OVERHEAD CABINET LTS</td></tr><tr><td>582-D</td><td>---</td><td>NOT USED</td></tr></tbody></table>  MEDIUM SPEED HIGH SPEED LEFT BLANK INTENTIONALLY								LOCATION	SIZE	DESCRIPTION	582-A	20A	TV/VCR	582-B	5A	AUXILIARY FAN	582-C	10A	OVERHEAD CABINET LTS	582-D	---	NOT USED
LOCATION	SIZE	DESCRIPTION																				
582-A	20A	TV/VCR																				
582-B	5A	AUXILIARY FAN																				
582-C	10A	OVERHEAD CABINET LTS																				
582-D	---	NOT USED																				
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																
JKP	MAR02	FUSE 582-B WAS 10A.	A	55093F	U00EDL2	5000/9100/9200/9400/9900																
FUSE 582-C WAS 5A & REFRIGERATOR.					RELEASE NO.	DATE	PART NO.															
					P50317A	12FEB99	AF08-52514															
						SHEET	04															

Figure 242 Pro Sleeper Fuse Index