
ELECTRICAL CIRCUIT DIAGRAM MANUAL

**PayStar® 5500i / 5600i / 5900i and 9200i / 9900i Series - Chassis Built
March 1, 2007 and After**

Navistar, Inc.

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INSTRUCTIONS AND CHARTS (CHAPTER 1)

1.1. CIRCUIT IDENTIFICATION CHART, P. 1

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.					INTERNATIONAL CIRCUIT NUMBER IDENTIFICATION & COLOR CHART		
CIRCUIT NUMBER	COLOR	DESCRIPTION					
1	LTBL	ALTERNATOR-FIELD					
2	RD	ALTERNATOR-CHARGE					
3	DKBL	1708 DATA LINK, SWITCH DATA LINK(+)					
4	GY	1708 DATA LINK, SWITCH DATA LINK(-)					
5	YL	DRIVE TRAIN J1939 DATA LINK (+)					
6	GN	DRIVE TRAIN J1939 DATA LINK (-)					
7	GY						
8	RD	ALTERNATOR-RESISTANCE					
9	GY	ZERO VOLT REFERENCE (ZVR)					
10	WH	CHASSIS/ENGINE GROUND					
11	WH	CAB/SLEEPER GROUND					
12	LTBL	ACCESSORY FEED					
13	PK	IGNITION FEED					
14	BK	IGNITION FEED (BODY BUILDER CONNECTOR)					
15	RD	BATTERY FEED					
16	RD	KEY SWITCH FEED					
17	PK	STARTER CONTROL					
18	PK	GLOW PLUG/PRE-HEATER					
19	GY	ENGINE SHUTDOWN					
20	LTGN	REMOTE POWER MODULE					
21	TN	COLD START CONTROLS (ETHER)					
22	TN						
23	TN	ENGINE FAN/SHUTTERS					
24	GY	ENGINE EXHAUST BRAKE					
25	TN	PYROMETER					
26	TN	AMMETER					
27	TN	VOLTMETER					
28	TN	INSTRUMENT & GAUGES					
29	TN	ENGINE WATER TEMPERATURE					
30	TN	ENGINE OIL TEMPERATURE					
31	TN	TRANSMISSION OIL TEMPERATURE					
32	TN	AXLE OIL TEMPERATURE					
33	TN	ENGINE OIL LEVEL					
34	TN	COOLANT LEVEL					
35	TN	ENGINE OIL PRESSURE					
36	TN	FUEL LEVEL					
37	TN	FUEL PUMP					
38	TN						
39	GY	AIR DRYER HEATER					
40	GY	LOW AIR PRESSURE WARNING					
41	TN	AIR TEMPERATURE					
42	GY	FRONT AXLE ENGAGED					
43	GY	POWER DIVIDER LOCK (PDL) WARNING					
44	GY	PARK BRAKE WARNING					
45	LTGN	ANTI-THEFT WARNING					
46	GY	POWER TAKE-OFF WARNING					
47	GY	SPEEDOMETER					
48	GY	TACHOMETER					
49	GY	DIFFERENTIAL LOCK WARNING					

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	PART NO.	SHEET
					U00AXPC	50001,92001,94001,99001 CIRCUIT DIAGRAMS		
					RELEASE NO.	DATE	PART NO.	SHEET
					59888E	29OCT05	AE08-56715	01

Figure 1 Circuit Identification Chart

ELECTRICAL CIRCUIT DIAGRAM MANUAL

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.				INTERNATIONAL CIRCUIT NUMBER IDENTIFICATION & COLOR CHART			
CIRCUIT NUMBER	COLOR	DESCRIPTION					
50	YL	LIGHT SWITCH FEED					
51	YL	DIMMER SWITCH FEED					
52	YL	HEADLIGHT HI-BEAM					
53	YL	HEADLIGHT LO-BEAM					
54	BN	PARKING/MARKERS LIGHTS					
55	OR	TURN SIGNAL - FEED					
56	OR	TURN SIGNAL LIGHTS-LEFT					
	YL	TURN SIGNAL LIGHTS-LEFT (BODY BUILDER CONNECTION)					
57	OR	TURN SIGNAL LIGHTS-RIGHT					
	LT GN	TURN SIGNAL LIGHTS-RIGHT (BODY BUILDER CONNECTION)					
58	BN	CLEARANCE/IDENTIFICATION LIGHTS					
59	GY	SOLENOID					
60	OR	HAZARD LIGHTS					
61	GY	AIR SUSPENSION					
62	DKBL	PANEL LIGHTS					
63	DKBL	COURTESY/DOME LIGHTS					
64	YL	FOG/DRIVING LIGHTS					
65	PK	GLOW PLUG/PRE-HEATER					
66	YL	DAYTIME RUNNING LIGHTS					
67							
68	BN	TAIL LIGHTS					
69	BN	LICENSE PLATE LIGHT					
70	OR	STOP LIGHTS					
	RD	STOP LIGHTS (BODY BUILDER CONNECTION)					
71	OR	BACKUP-LIGHTS					
	LTBL	BACKUP-LIGHTS (BODY BUILDER CONNECTION)					
72	OR	TRAILER AUXILIARY FEED-BATTERY					
73	LTGN	P/W					
74	LTGN	HEATER RECIRC MOTOR					
75	LTGN	HEATER BLOWER MOTOR					
76	LTGN	AUXILIARY FAN					
77	LTGN	AIR CONDITIONER					
78	LTGN	MIRRORS-HEATED MOTORIZED					
79	GY	SEAT BELTS					
80	BK	SLEEPER BOX RELAY-FEED					
81	LTGN	POWER DOOR LOCKS					
82	GY	WINDSHIELD WIPER					
83	LTGN	POWER WINDOWS					
84	LTGN	CIGAR LIGHTER					
85	GY	HORN					
86	LTGN	RADIO-ENTERTAINMENT/CLOCK					
87	GY	WINDSHIELD WASHER					
88	LTGN	CLOCK/HOURMETER					
89	YL	AIR BAG					
90	LTGN	HYDRAULIC BRAKE PUMP					
91	VT	INTERCOMMUNICATION					
92	TN	TRANSMISSION CONTROLS-ELECTRONICS					
93	TN	AXLE SHIFT CONTROL					
94	GY	ANTILOCK BRAKE SYSTEM					
95	TN	EXHAUST EMISSION					
96	YL	SNOW PLOW LIGHTS/CRUISE CONTROLS					

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NO.	ISSUED
					U00AXPC	50001,92001,94001,99001	CIRCUIT DIAGRAMS
					RELEASE NO.	DATE	PART NO.
					59888E	29OCT05	AE08-56715
							02

Figure 2 Circuit Identification Chart

1.3. CIRCUIT IDENTIFICATION CHART, P. 3

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.				INTERNATIONAL CIRCUIT NUMBER IDENTIFICATION & COLOR CHART																																																
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">CIRCUIT NUMBER</th> <th style="width: 10%;">COLOR</th> <th style="width: 80%;">DESCRIPTION</th> </tr> </thead> <tbody> <tr><td>97</td><td>VT</td><td>ENGINE CONTROLS-ELECTRONICS</td></tr> <tr><td>98</td><td>BK</td><td>DATALINK AND DIAGNOSTICS</td></tr> <tr><td>99</td><td>VT</td><td>ACCELERATOR POSITON SENSOR (APS)</td></tr> <tr><td>100</td><td>GY</td><td>AIR HORN (ELECTRONIC SOLENOID ACTUATED)</td></tr> <tr><td>101</td><td>TN</td><td>BRAKE APPLICATION AIR</td></tr> <tr><td>102</td><td>YL</td><td>FLASH TO PASS</td></tr> <tr><td>103</td><td>LTGN</td><td>BODY BUILDER AUX FEED</td></tr> <tr><td>104</td><td>DKBL</td><td>REMOTE START/STOP</td></tr> <tr><td>105</td><td>LTGN</td><td>HEATED SHEETS</td></tr> <tr><td>106</td><td>GY</td><td>5V SUPPLY FROM INSTRUMENT CLUSTER</td></tr> <tr><td>107</td><td>TN</td><td>BRAKE WEAR SENSOR</td></tr> <tr><td>108</td><td>TN</td><td>BRAKE STROKE/SLACK ADJUSTER</td></tr> <tr><td>109</td><td>GY</td><td>ZERO VOLT REF FROM GAUGE CLUSTER</td></tr> <tr><td>110</td><td>TN</td><td>FUEL FILTER SENSING</td></tr> </tbody> </table>								CIRCUIT NUMBER	COLOR	DESCRIPTION	97	VT	ENGINE CONTROLS-ELECTRONICS	98	BK	DATALINK AND DIAGNOSTICS	99	VT	ACCELERATOR POSITON SENSOR (APS)	100	GY	AIR HORN (ELECTRONIC SOLENOID ACTUATED)	101	TN	BRAKE APPLICATION AIR	102	YL	FLASH TO PASS	103	LTGN	BODY BUILDER AUX FEED	104	DKBL	REMOTE START/STOP	105	LTGN	HEATED SHEETS	106	GY	5V SUPPLY FROM INSTRUMENT CLUSTER	107	TN	BRAKE WEAR SENSOR	108	TN	BRAKE STROKE/SLACK ADJUSTER	109	GY	ZERO VOLT REF FROM GAUGE CLUSTER	110	TN	FUEL FILTER SENSING
CIRCUIT NUMBER	COLOR	DESCRIPTION																																																		
97	VT	ENGINE CONTROLS-ELECTRONICS																																																		
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107	TN	BRAKE WEAR SENSOR																																																		
108	TN	BRAKE STROKE/SLACK ADJUSTER																																																		
109	GY	ZERO VOLT REF FROM GAUGE CLUSTER																																																		
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	DATE	SHEET																																													
					U00AXPC	50001,92001,94001,99001 CIRCUIT DIAGRAMS																																														
					RELEASE NO.	DATE	PART NO.																																													
					59888E	29OCT05	AE08-56715																																													
							03																																													

Figure 3 Circuit Identification Chart

1.4. CIRCUIT DIAGRAM INSTRUCTIONS, P. 4

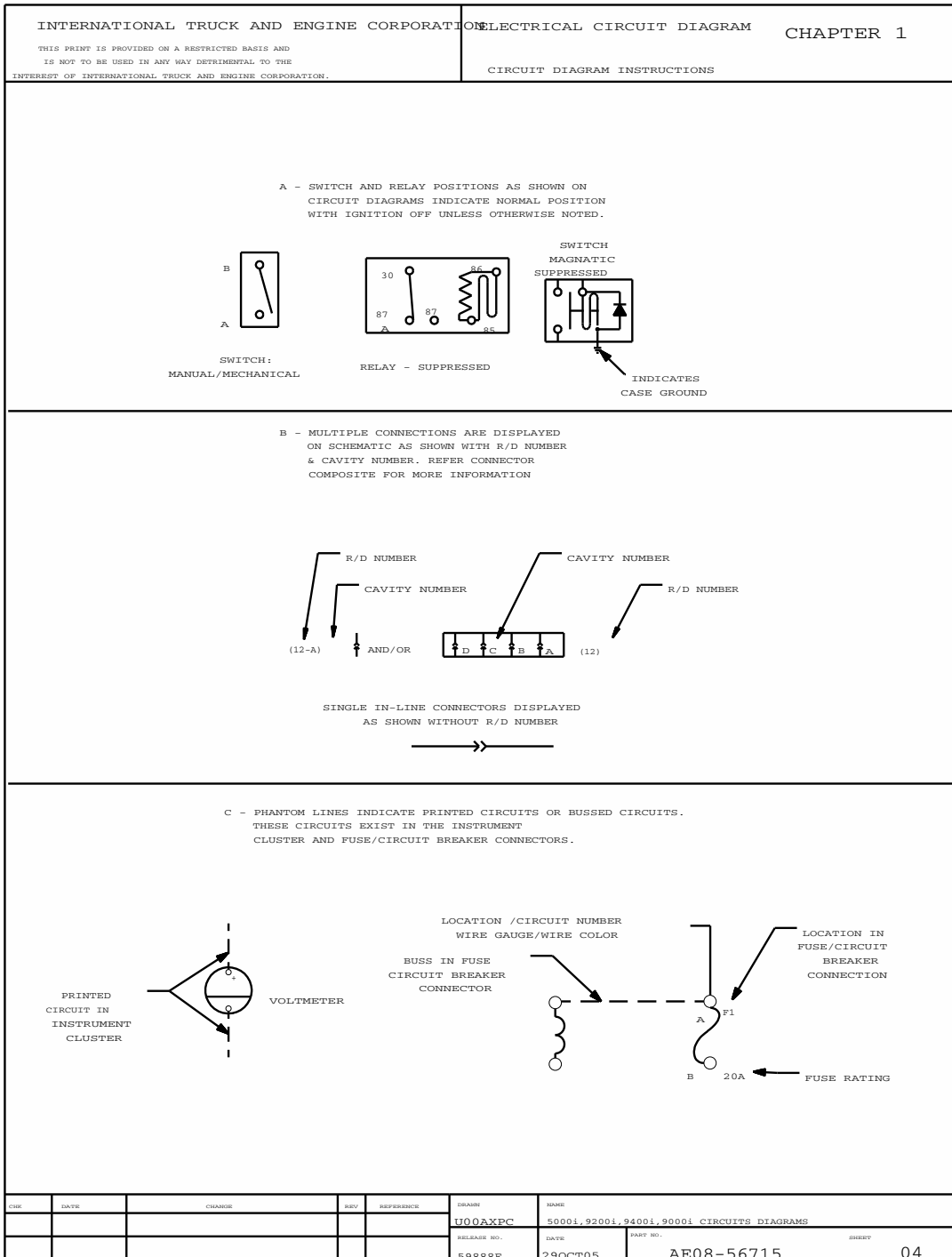


Figure 4 Circuit Diagram Instructions

1.5. CIRCUIT DIAGRAM INSTRUCTIONS, P. 5

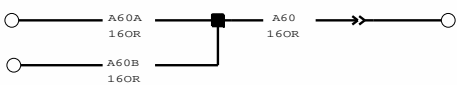
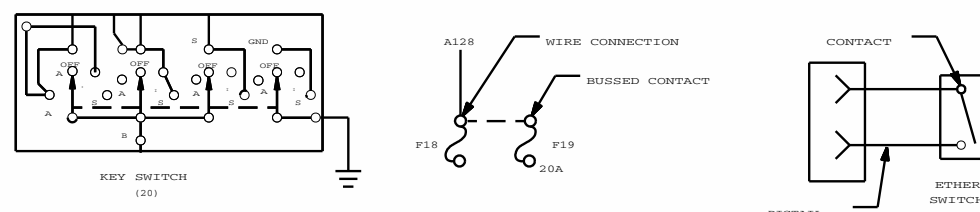
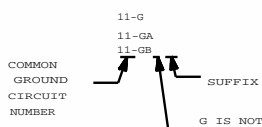
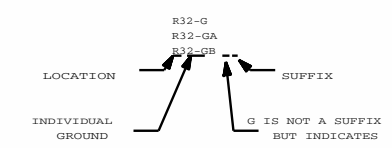
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.	ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1 CIRCUIT DIAGRAM INSTRUCTIONS																																			
<p>D - MULTIPLE CIRCUIT NUMBERS ON A LINE INDICATE ONE WIRE DISTRIBUTING CURRENT TO TWO CIRCUITS.</p> 																																				
<p>E - SWITCHES, RELAYS AND COMPONENTS INDICATE EXTERNAL WIRE CONNECTIONS AND/OR INTERNAL CONNECTIONS OR CONTACTS.</p> 																																				
<p>F - CIRCUIT '11' DENOTES ANY COMMON GROUND (MORE THAN ONE CIRCUIT) ANY INDIVIDUAL GROUND CIRCUIT IS IDENTIFIED WITH THAT PARTICULAR CIRCUIT NUMBER. . (E.G CIRCUIT 97 CRUISE CONTROL IS IDENTIFIED PER EXAMPLE)</p> <p>NOTE: FOR CIRCUIT DESCRIPTION OTHER THAN GROUNDS NEITHER THE LETTER "G" NOR THE COLOR WHITE SHALL BE USED</p> <p>GROUND CIRCUITS ARE DESCRIBED THUS:</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>COMMON GROUND CIRCUIT NUMBER</p>  <p>G IS NOT A SUFFIX BUT INDICATES A GROUND CIRCUIT</p> </div> <div style="text-align: center;"> <p>INDIVIDUAL GROUND CIRCUIT NUMBER</p>  <p>G IS NOT A SUFFIX BUT INDICATES A GROUND CIRCUIT</p> </div> </div>																																				
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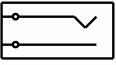
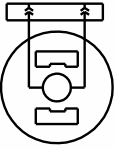
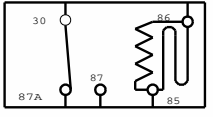


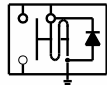



Figure 5 Circuit Diagram Instructions

1.6. CIRCUIT DIAGRAM INSTRUCTIONS, P. 6

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 1 CIRCUIT DIAGRAM INSTRUCTIONS																																												
ABBREVIATION: COLOR AND NOUN																																													
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					AE08-56715	06																																							

Figure 6 Circuit Diagram Instructions

1.7. SCHEMATIC SYMBOL 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.				SCHEMATIC SYMBOL CHART			
SYMBOL		DESCRIPTION					
		CIGAR LIGHTER					
		MOTOR - ELECTRIC					
		RELAY-SUPPRESSED					
		HORN					
		SPEAKER - SOUND SYSTEM					
		MAGNETIC SWITCH					
		LIGHT - SINGLE FILAMENT					
		LIGHT - DOUBLE FILAMENT					
		SENDER - OIL, WATER, FUEL, TEMPERATURE					

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					UOAXPC	50001,92001,94001,99001 CIRCUIT DIAGRAMS
					RELEASE NO.	DATE
					59888E	29OCT05
					PART NO.	SHEET
					AE08-56715	07

Figure 7 Schematic Symbol Chart

1.8. SCHEMATIC SYMBOL CHART, P. 8











































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					AE08-56715	08																											

Figure 8 Schematic Symbol Chart

1.9. SCHEMATIC SYMBOL CHART, P. 9








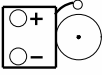

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				CHAPTER 1					
SYMBOL		DESCRIPTION							
TYPE 1 		TYPE 2 OR 3 		CIRCUIT BREAKER					
		DIODE							
		FUSIBLE LINK							
		SWITCH-PUSH BUTTON							
		SWITCH-WITH LIGHT							
		ACCELERATOR POSITION SENSOR							
		ALARM-ELECTRONIC							
		FLASHER-TURN SIGNAL, HAZARD							
CHE	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME			
					UO0AXPC	50001,92001,94001,99001 CIRCUIT DIAGRAMS			
					RELEASE NO.	DATE	PART NO.		
					59888E	29OCT05	AE08-56715		
							09		

Figure 9 Schematic Symbol Chart

1.10. RELAY FUNCTIONS AND WIRING GUIDE, P. 10

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.				RELAY FUNCTIONS AND WIRING GUIDE			
RELAY VIEWED FROM INSERTION END				RELAY SCHEMATIC			
<p>MINIATURE - ISO (1)</p>							
<p>MINIATURE - 280 (1)</p>							
<p>MICRO - 280 (1)</p>							
<p>MICRO - 4 PIN (1)</p>							
<p>MINI MICRO - 4 PIN (2)</p>							
<p>MICRO - ISO (1)</p>							
<p>NOTES: (1) RELAY CONTAINS A 680 OHM SUPPRESSION RESISTOR (2) RELAY CONTAINS A 1000 OHM SUPPRESSION RESISTOR</p>							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
					UOAXPC	50001,92001,94001,90001	CIRCUITS DIAGRAMS
					RELEASE NO.	DATE	PART NO.
					5988E	29OCT05	AE08-56715
							10

Figure 10 Relay Functions and Wiring Guide

1.11. RELAY PINOUT AND FUNCTION DATA SEALED MINIATURE RELAY DATA, P. 11

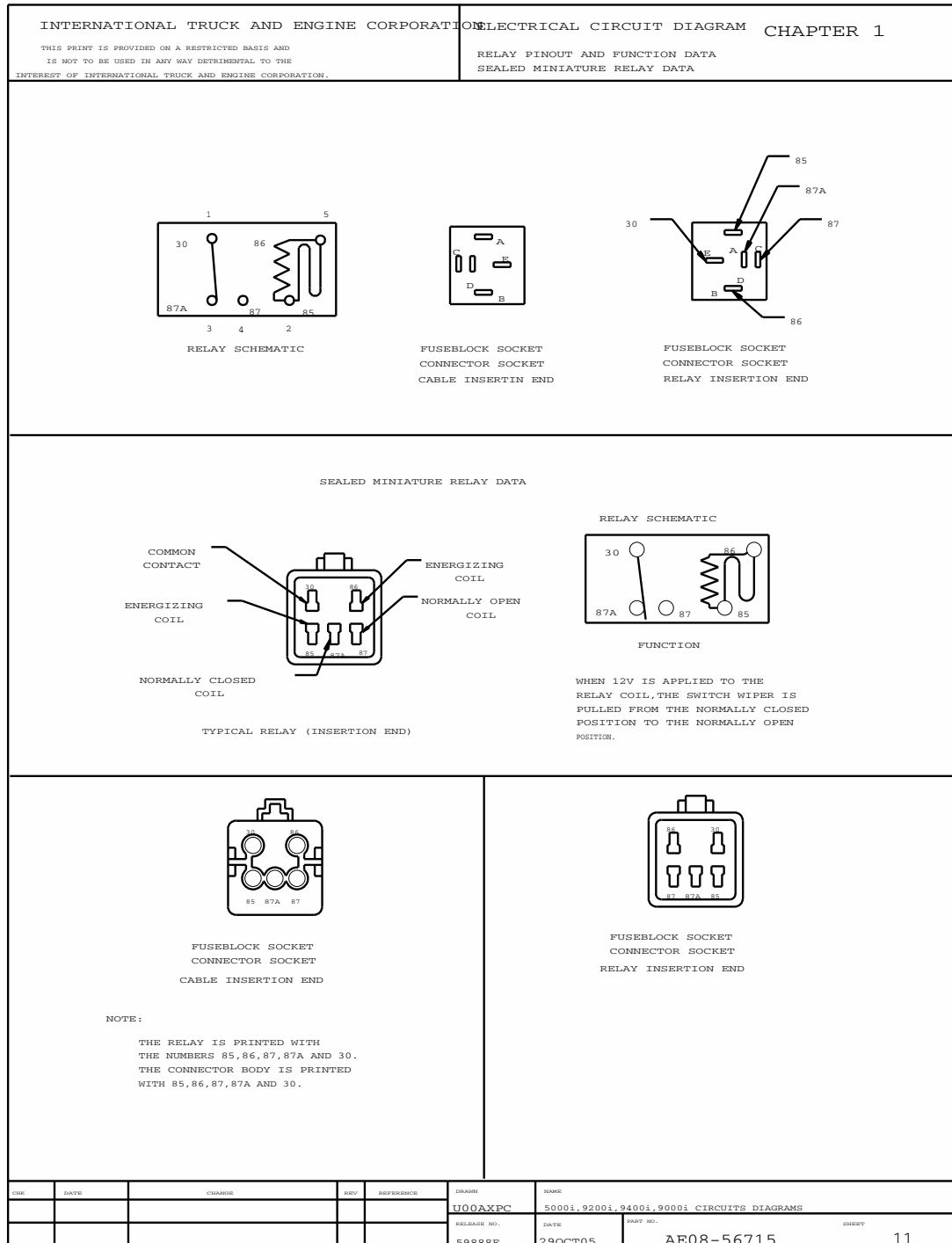


Figure 11 Relay Pinout and Function Data Sealed Miniature Relay Data

ELECTRICAL CIRCUIT DIAGRAM MANUAL

1.12. LAMP BULB CHART, P. 12

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			
BULB APPLICATION		CANDLE POWER OR WATTS	BULB TRADE NUMBER				
BACK-UP LIGHTS		32 CANDLE POWER	GE1156				
CLEARANCE & IDENTIFICATION SMALL		3 CANDLE POWER	GE168				
COURTESY LIGHT		21 CANDLE POWER	1142				
DOMR LIGHTS		21 CANDLE POWER	1142				
FOG LIGHTS		100 WATT	4921-1				
LOW BEAMS		55 WATT	GE9007				
HIGH BEAMS		60 WATT	GE9007				
CIGAR LIGHTER		1 CANDLEPOWER	1455				
GAUGE BACKLIGHT		2 CANDLEPOWER	194				
GAUGE WARNING LED (RED)		2 CANDLEPOWER	194				
COLD AMBIENT PROTECTION LED (RED)		2 CANDLEPOWER	194				
FUEL FILTER LED (YELLOW)		2 CANDLEPOWER	194				
WARN ENGINE LED (YELLOW)		2 CANDLEPOWER	194				
STOP ENGINE LED (RED)		2 CANDLEPOWER	194				
BRAKE PRESSURE LED		2 CANDLEPOWER	194				
CHECK TRANSMISSION LED		2 CANDLEPOWER	194				
TRAILER ABS LED		2 CANDLEPOWER	194				
WASHER FLUID LED		2 CANDLEPOWER	194				
LEFT TURN SIGNAL LED (GREEN)		2 CANDLEPOWER	194				
TRACTION CONTROL LED (GREEN)		2 CANDLEPOWER	194				
WATER IN FUEL LED (YELLOW)		2 CANDLEPOWER	194				
PARK FLUID LED (RED)		2 CANDLEPOWER	194				
CHECK ELECTRICAL SYSTEMS LED (YELLOW)		2 CANDLEPOWER	194				
PARK BRAKE LED (RED)		2 CANDLEPOWER	194				
CRUISE CONTROL ACTIVE LED (YELLOW)		2 CANDLEPOWER	194				
ANTILOCK BRAKING SYSTEM LED (YELLOW)		2 CANDLEPOWER	194				
RIGHT TURN LED (GREEN)		2 CANDLEPOWER	194				
COOLANT LEVEL LED (RED)		2 CANDLEPOWER	194				
SEAT BELT LED (RED)		2 CANDLEPOWER	194				
HIGH BEAM ICON LED (BLUE)		2 CANDLEPOWER	53				
CHECK ATR CONDITIONER LED (YELLOW)		2 CANDLEPOWER	82827102-4				
MAP LIGHT		3 CANDLEPOWER	1816				
SIDE MARKER			2548				
STOP & TURN/TAIL & LICENSE PLATE		32/3 CANDLEPOWER	3157				
TURN SIGNAL/MARKER (FENDER)		32/3 CANDLEPOWER	3157				
TURN SIGNAL & MARKER LIGHT			2356				
WORK (TRAILER HOOK)		35 WATTS	4411				
BACK-UP LIGHTS-UPPER AND LOWER BUNK READING LIGHT		15 CANDLEPOWER	1003				
CABINET/WARDROBE LIGHT		5W	7575				
UNDER BUNK LIGHT		21 CP/2 (12CP)	577/211				
ACCENT LIGHT		2 (12CP)	211				
DOMR LIGHT		15 WATT	F1578-CW				
SLEEPER FLOOR LIGHT		4CP	W5W				
HEATER AND AIR CONDITIONER CONTROL		3 CANDLEPOWER	168				
LUGGAGE COMPARTMENT LIGHT		6 CANDLEPOWER	99				
READING LIGHT		15 CANDLEPOWER	1003				

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NOOK	RELEASE NO.	DATE	PART NO.	SHEET
					UO0AXPC	50001,92001,94001,99001 CIRCUIT DIAGRAMS	59888E	29OCT05	AE08-56715	12

Figure 12 Lamp Bulb Chart

1.13. CUMMINS ISX07 / ISM07 PINOUTS – 50 PIN CONNECTOR, P. 13

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 1 CUMMINS ISX07 / ISM07 PIN OUTS - 50 PIN CONNECTOR																																																																																														
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Figure 13 Cummins ISX07 / ISM07 Pinouts – 50 Pin Connector

1.14. EATON GEN 3 TCM PINOUTS – 38 PIN CONNECTOR, P. 14

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 1 EATON GEN - 3 TCM - PIN OUTS - 38 PIN CONNECTOR																																																																															
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							14																																																																										

Figure 14 Eaton GEN 3 TCM Pinouts – 38 Pin Connector

12 VOLT POWER DISTRIBUTION CIRCUIT DIAGRAMS (CHAPTER 2)

2.1. 12 VOLT POWER FEED, P. 1

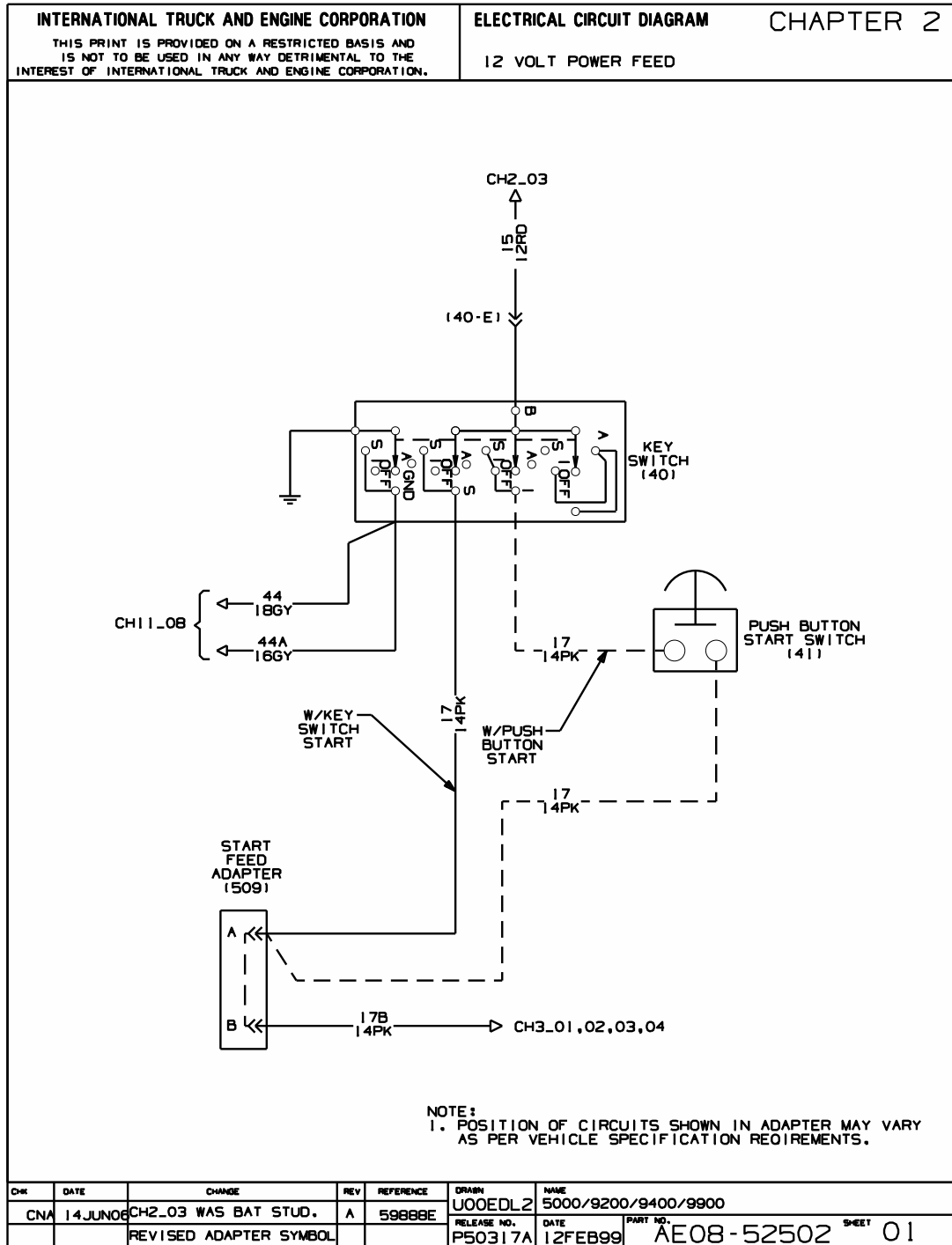


Figure 15 12 Volt Power Feed

2.2. 12V POWER DISTRIBUTION – ACCESSORY, P. 2

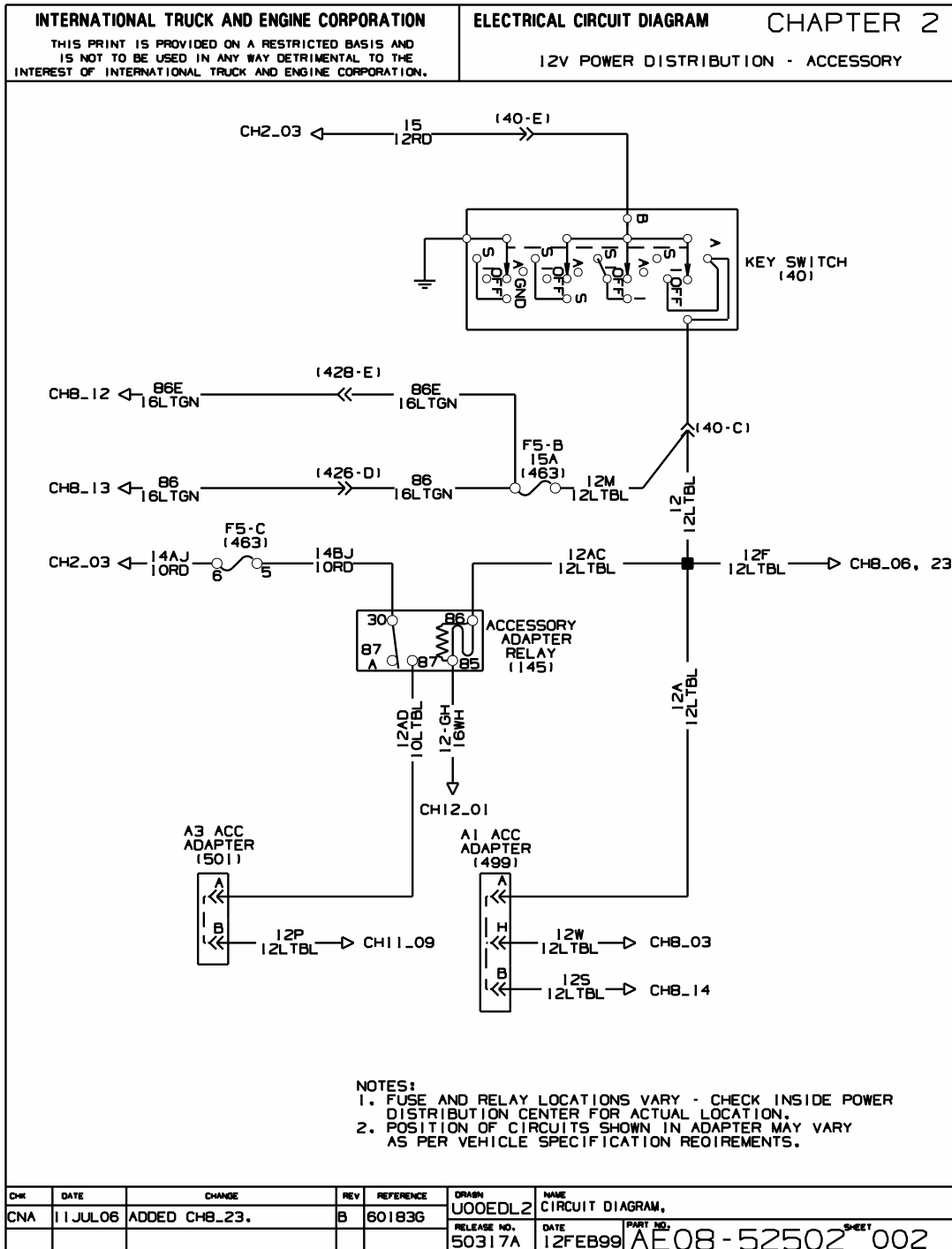


Figure 16 12V Power Distribution – Accessory

2.3. 12V POWER DISTRIBUTION BATTERY B1, P. 3

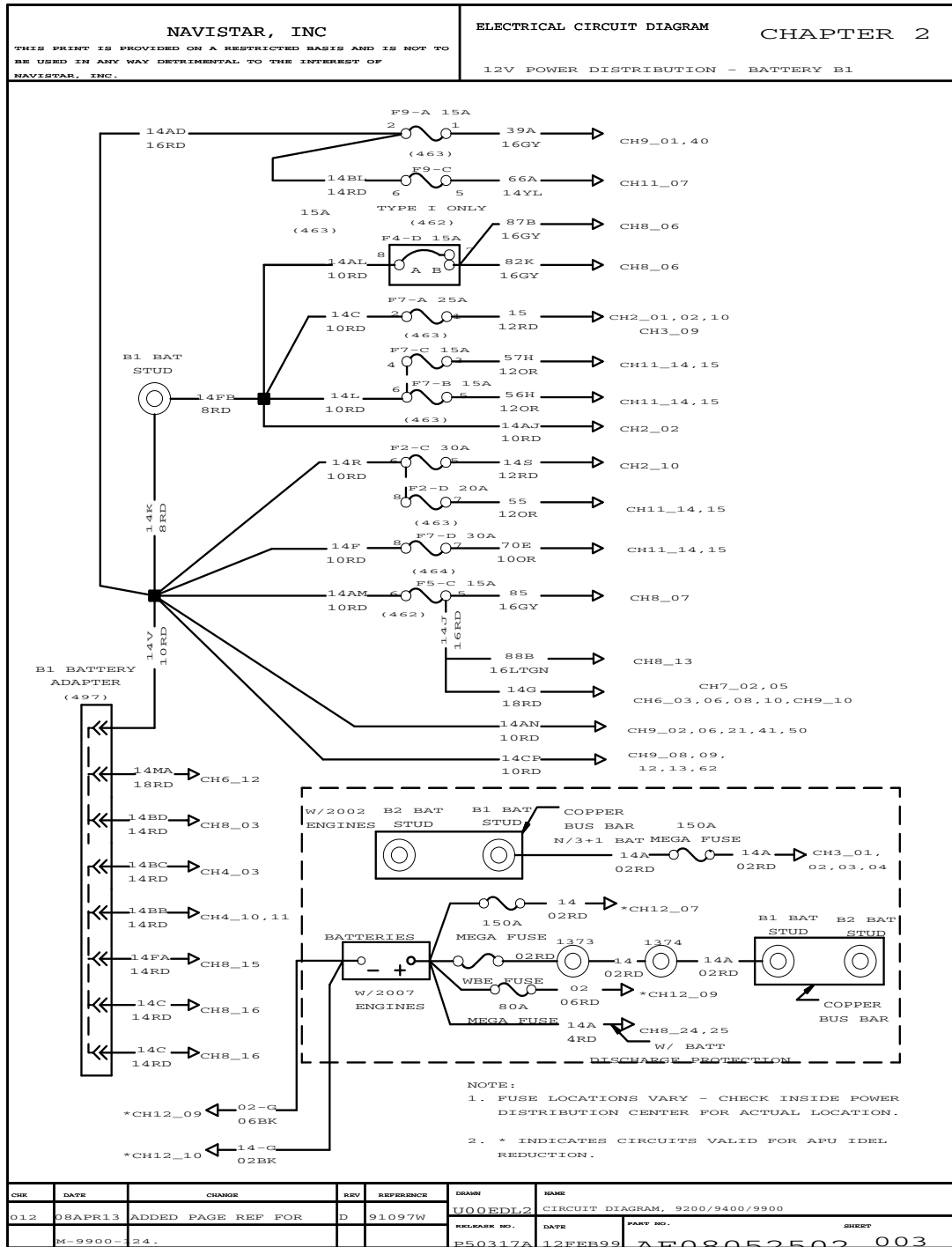


Figure 17 12V Power Distribution Battery, B1

2.5. 12V POWER DISTRIBUTION B2 BATTERY STUD (CONT.), P. 5

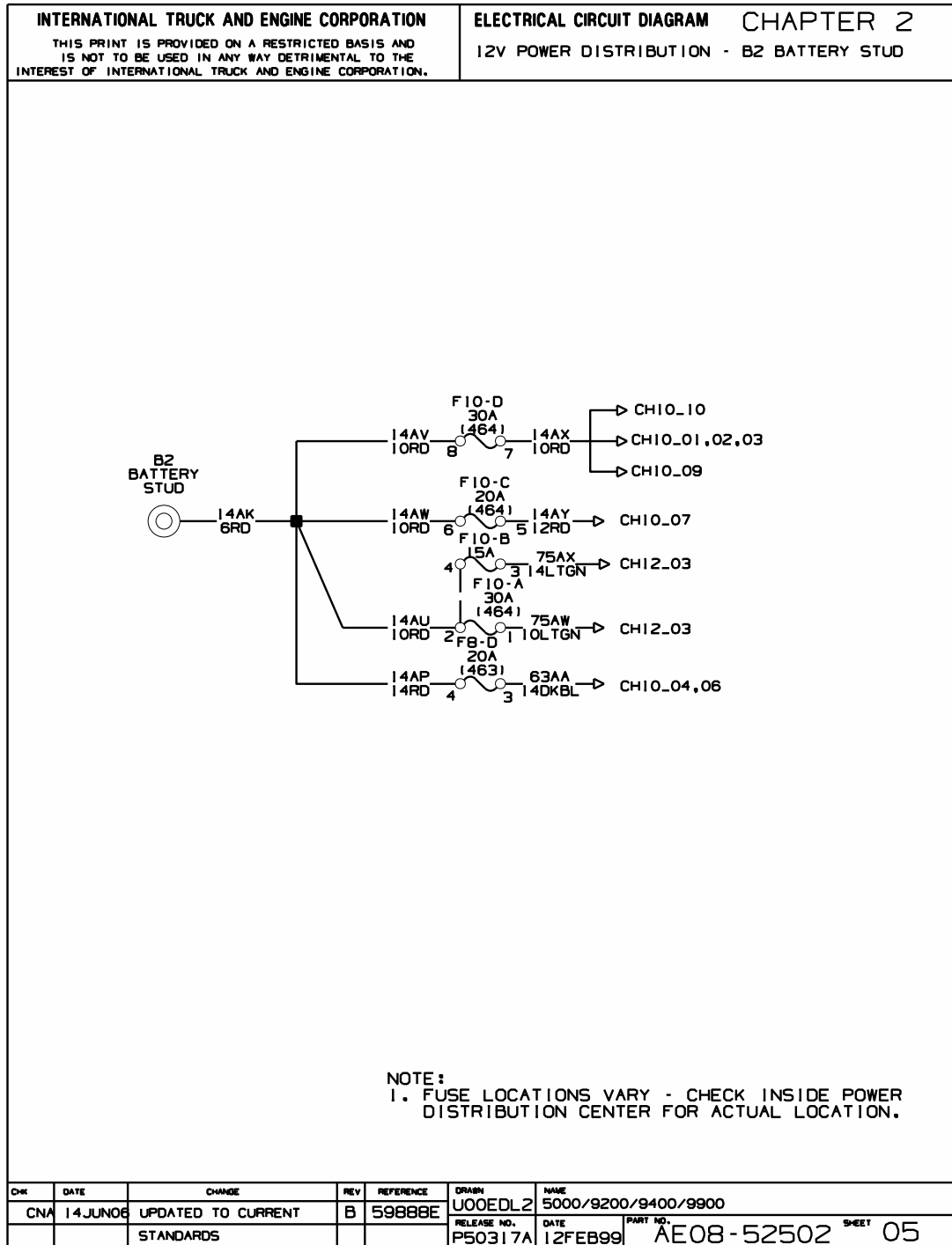


Figure 19 12V Power Distribution B2 Battery Stud (Cont.)

2.7. 12V POWER DISTRIBUTION – GROUND ADAPTER COMPOSITE, P. 7

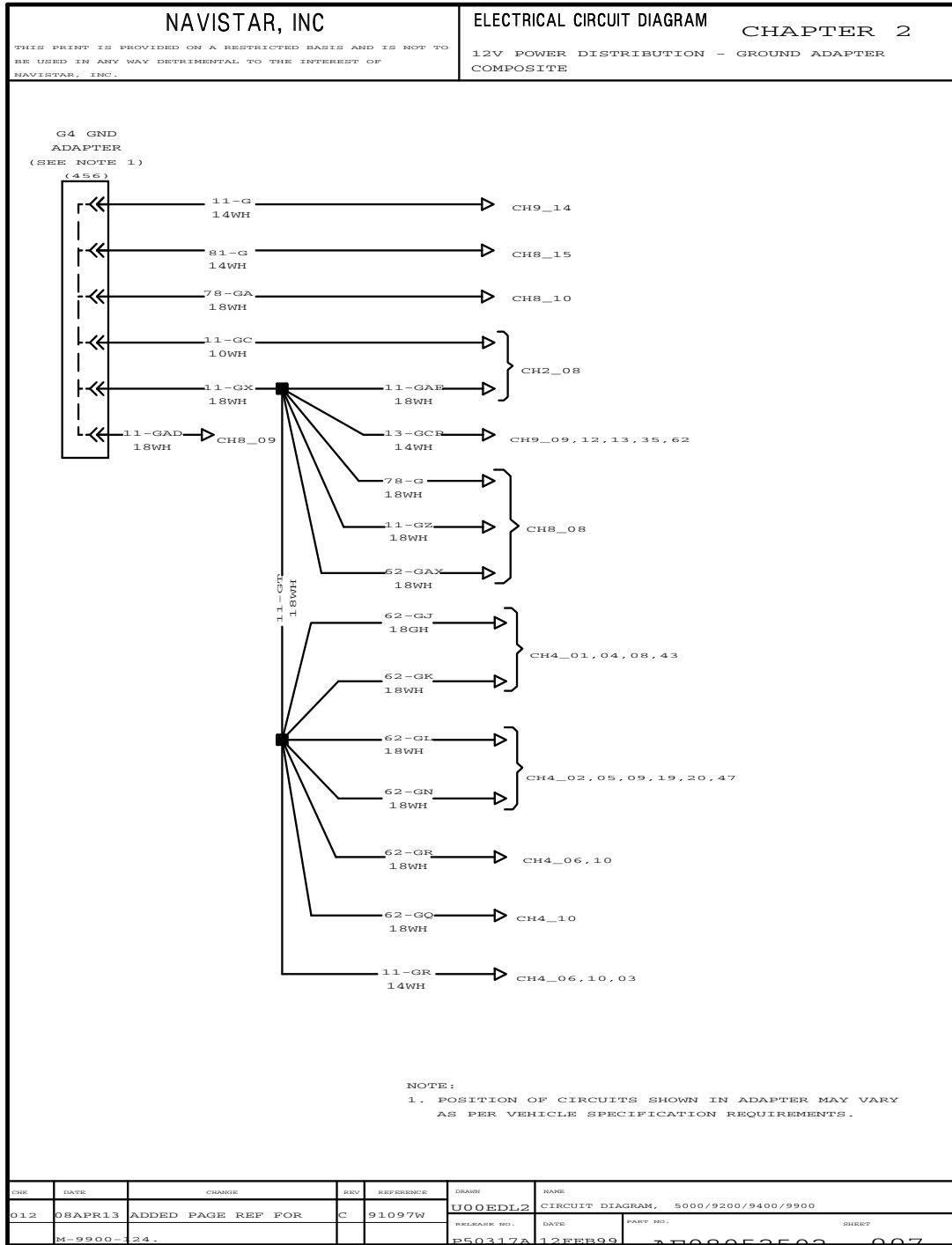


Figure 21 12V Power Distribution – Ground Adapter Composite

2.8. GROUND STUD COMPOSITE, P. 8

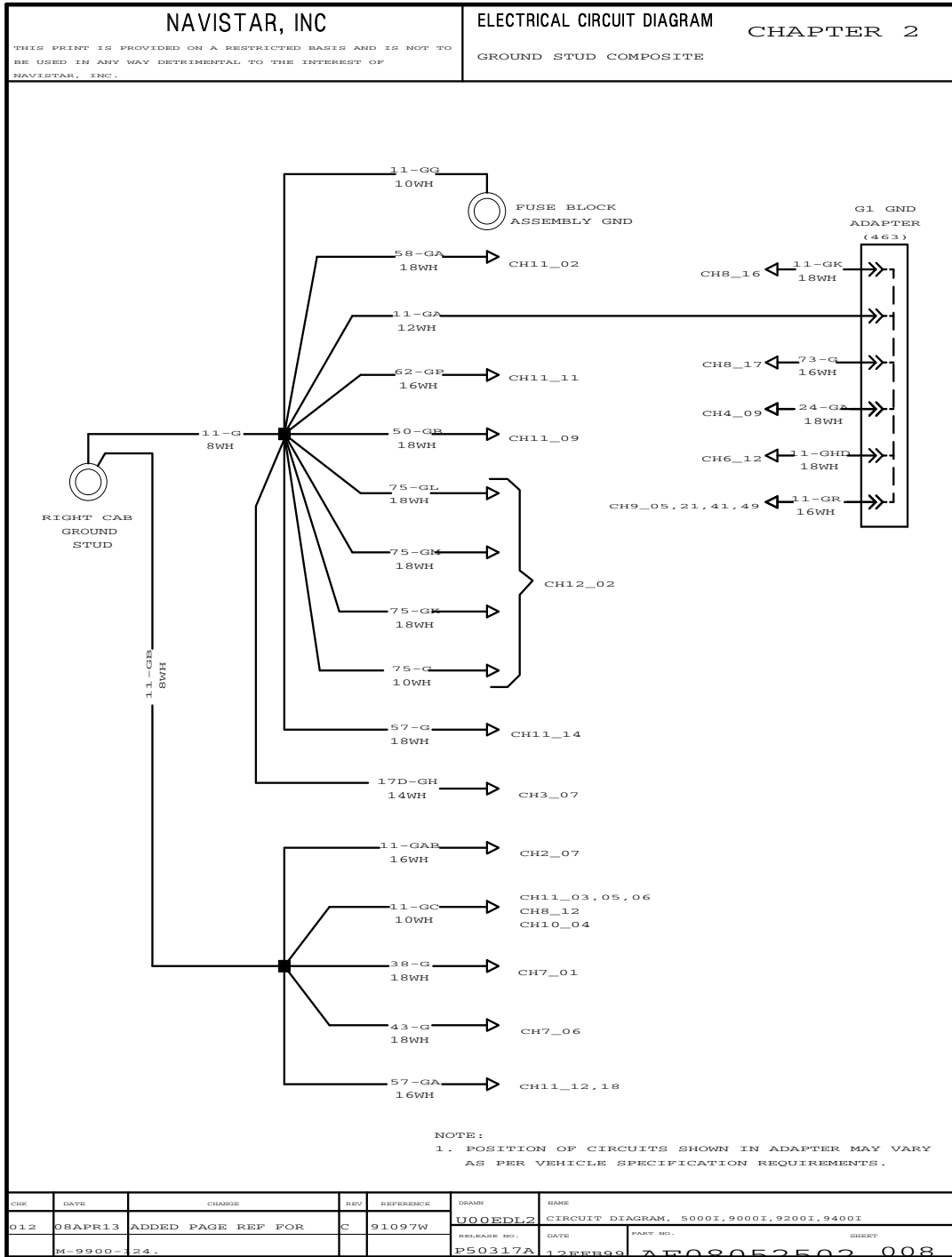


Figure 22 Ground Stud Composite

2.9. GROUND STUD COMPOSITE (CONT.), P. 9

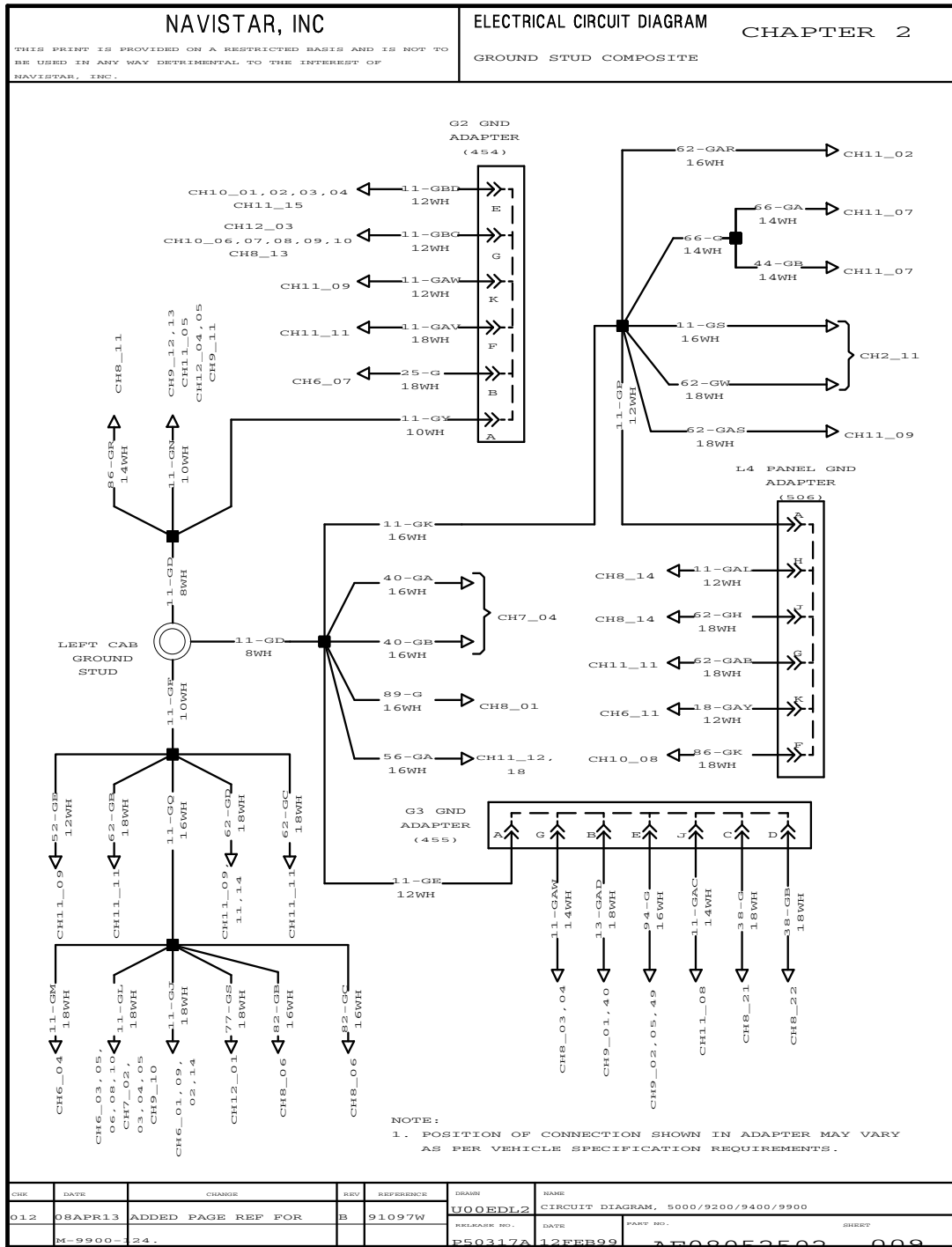


Figure 23 Ground Stud Composite (Cont.)

2.10. 12V POWER DISTRIBUTION IGNITION, P. 10

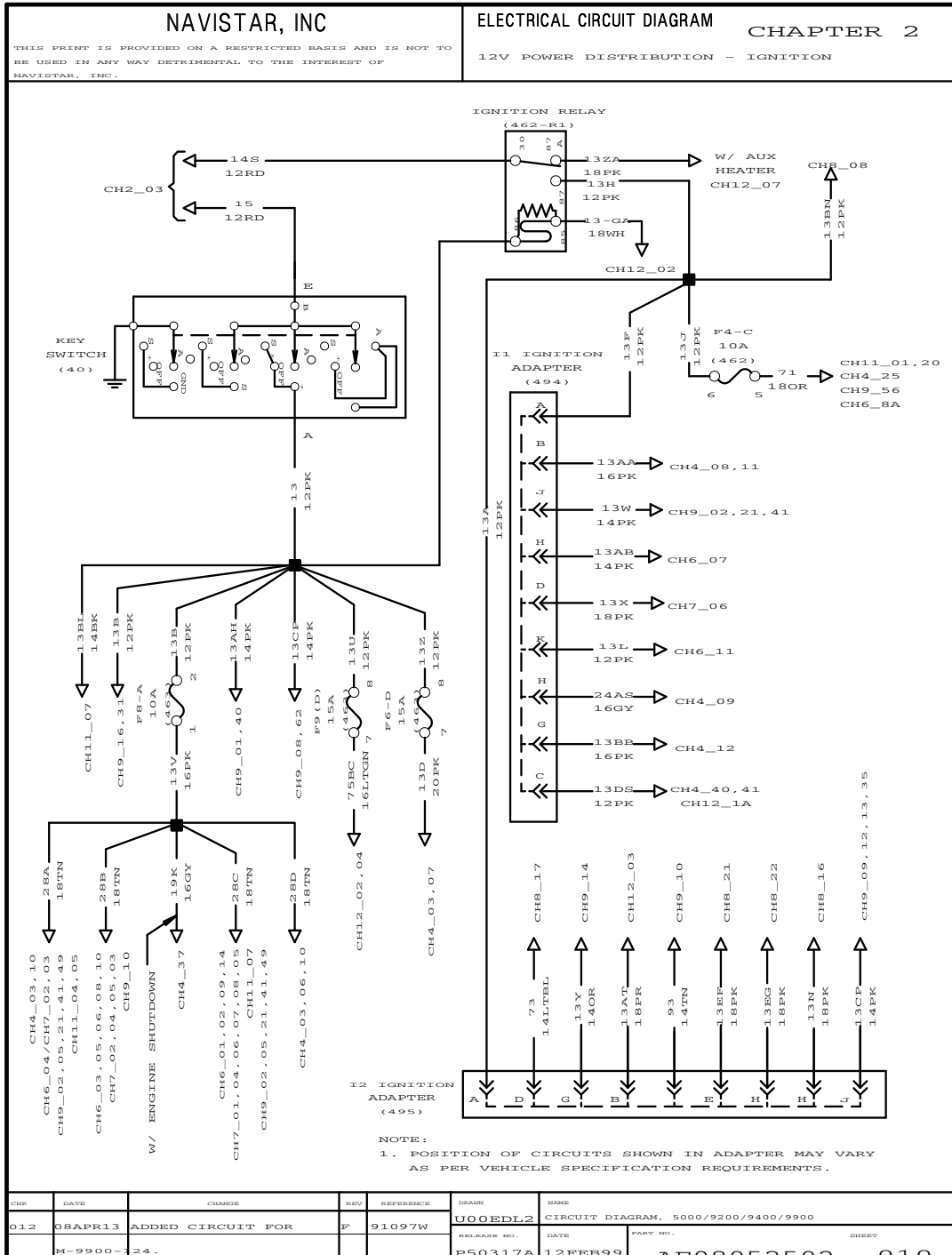


Figure 24 12V Power Distribution Ignition

2.11. 12V POWER DISTRIBUTION – PANEL LIGHTS ADAPTER COMPOSITE, P. 11

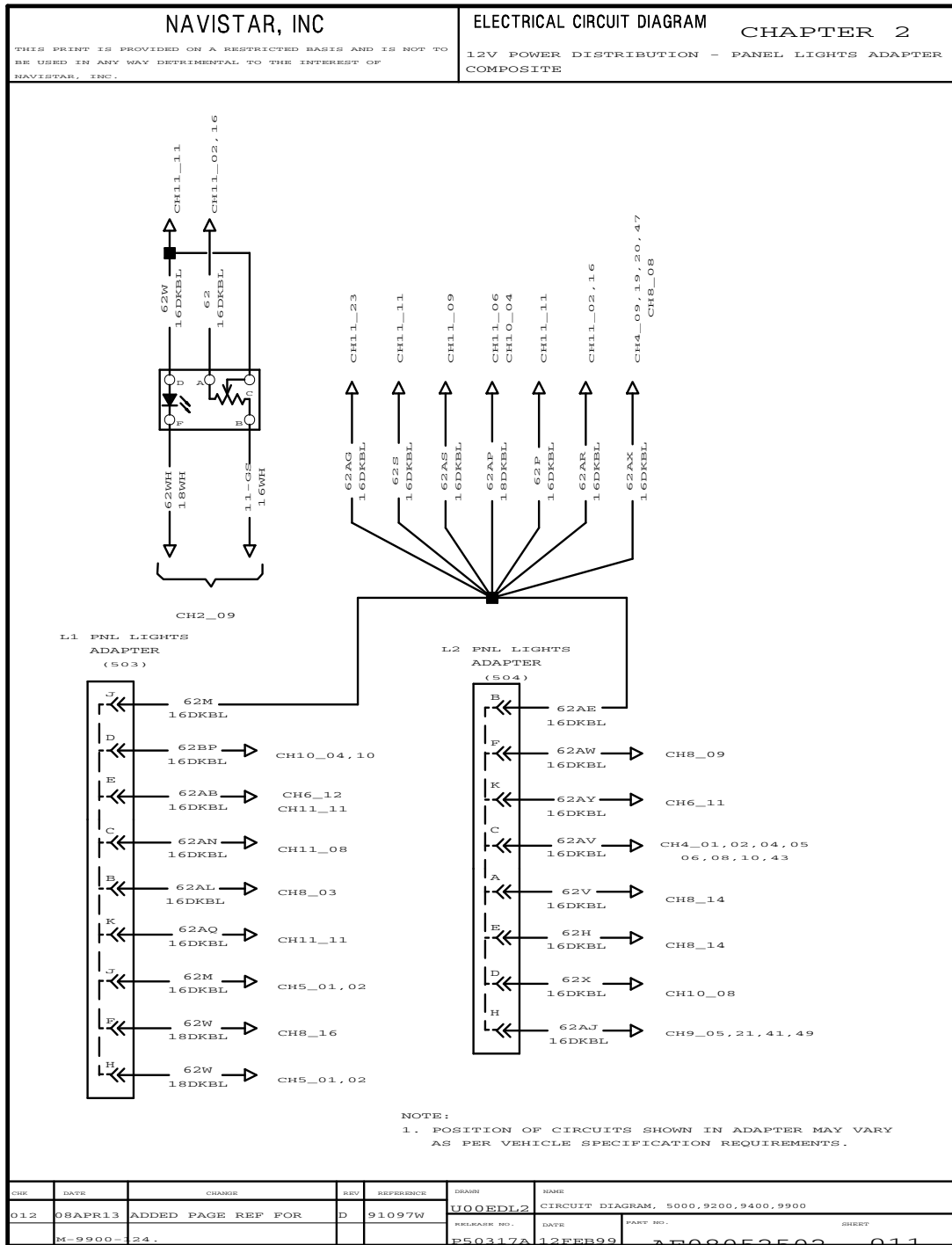


Figure 25 12V Power Distribution – Panel Lights Adapter Composite

2.12. ZERO VOLT REFERENCE, P. 12

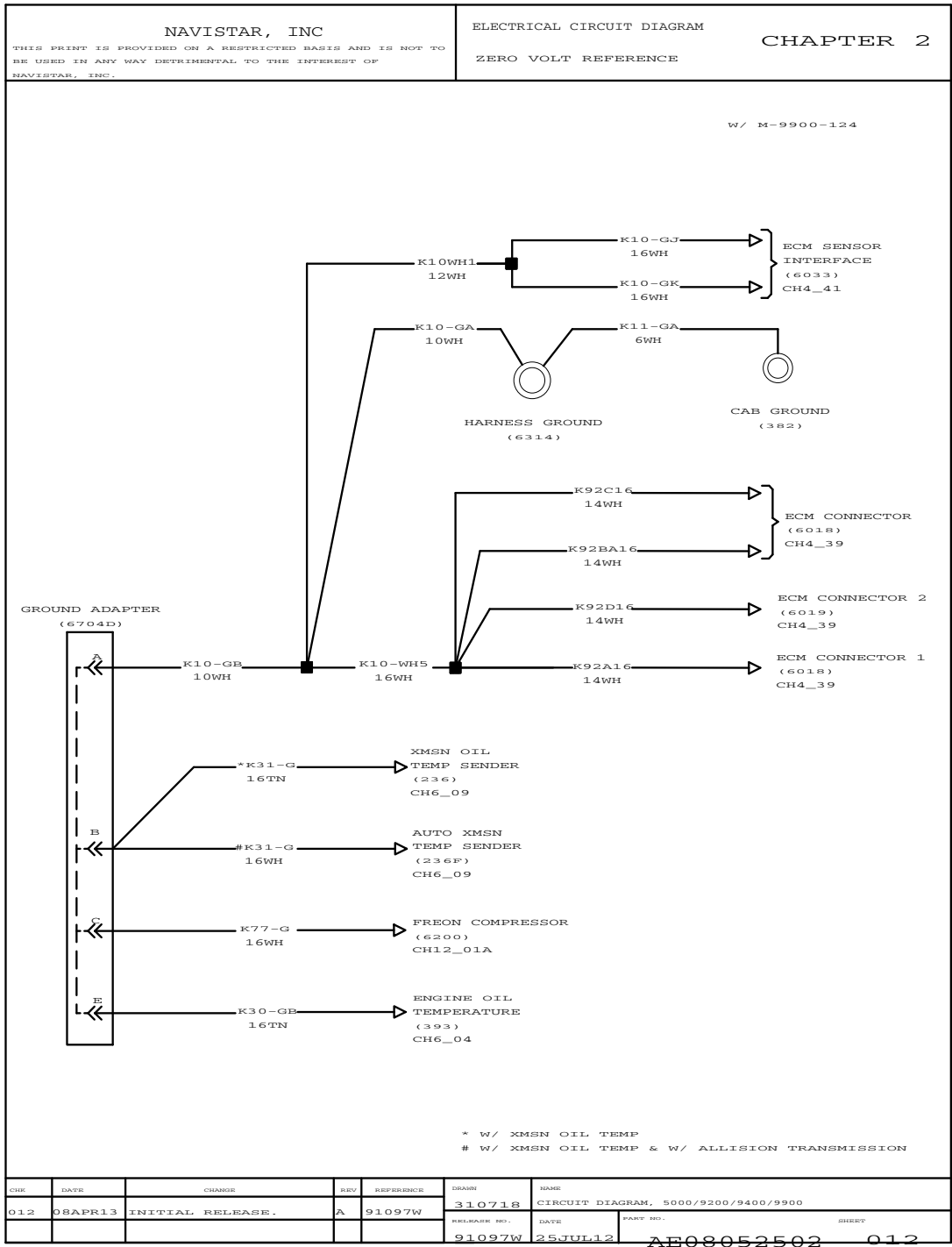


Figure 26 Zero Volt Reference

12 VOLT CHARGING AND CRANKING SYSTEM (CHAPTER 3)

3.1. CHARGING AND CRANKING (12V) WITH 2002 CAT AND CUMMINS ENGINES, P. 1

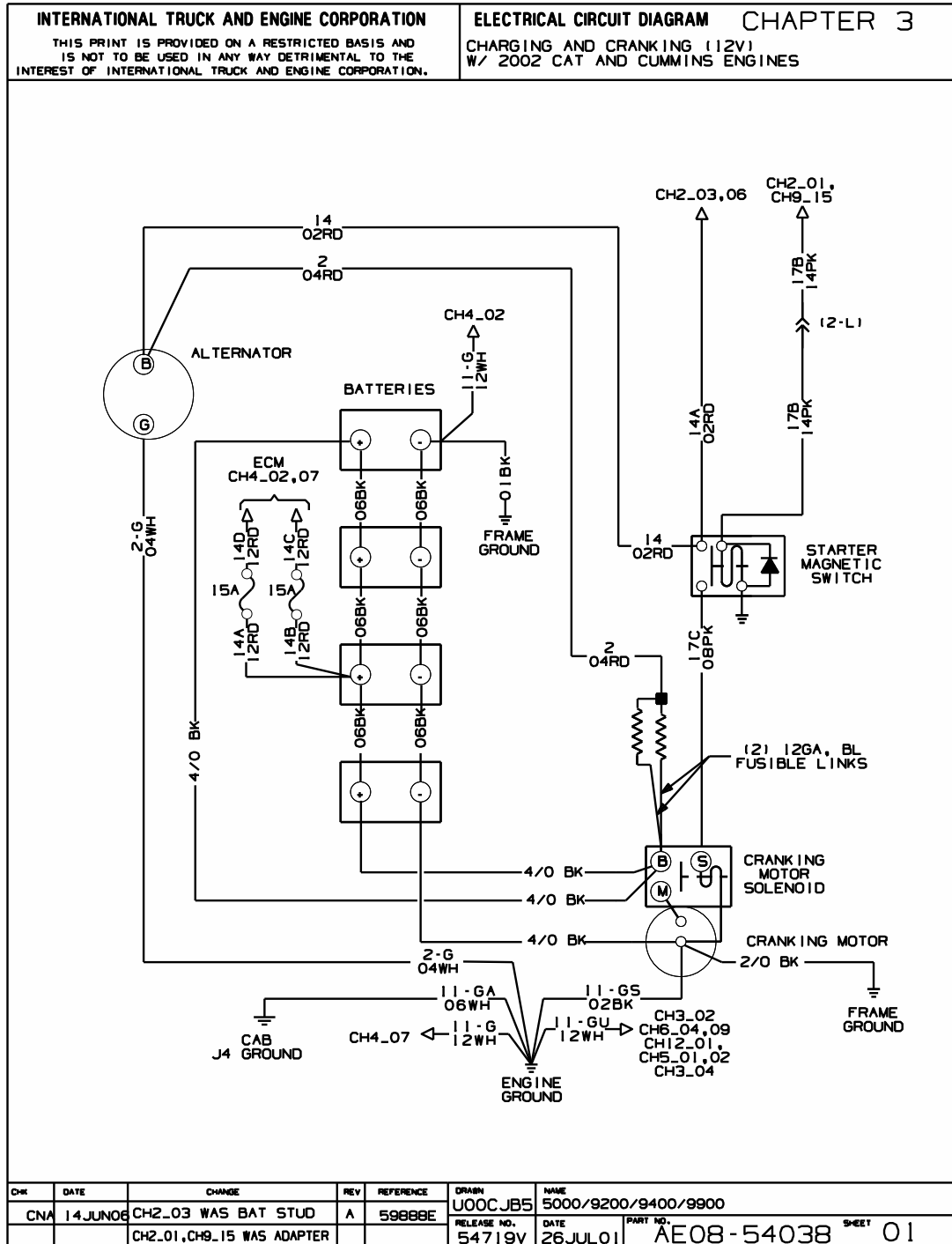


Figure 27 Charging and Cranking (12V) with CAT and Cummins Engines

3.2. 12V CRANKING SYSTEM WITH OVERCRANK PROTECTION WITH 2002 CAT AND CUMMINS ENGINES, P. 2

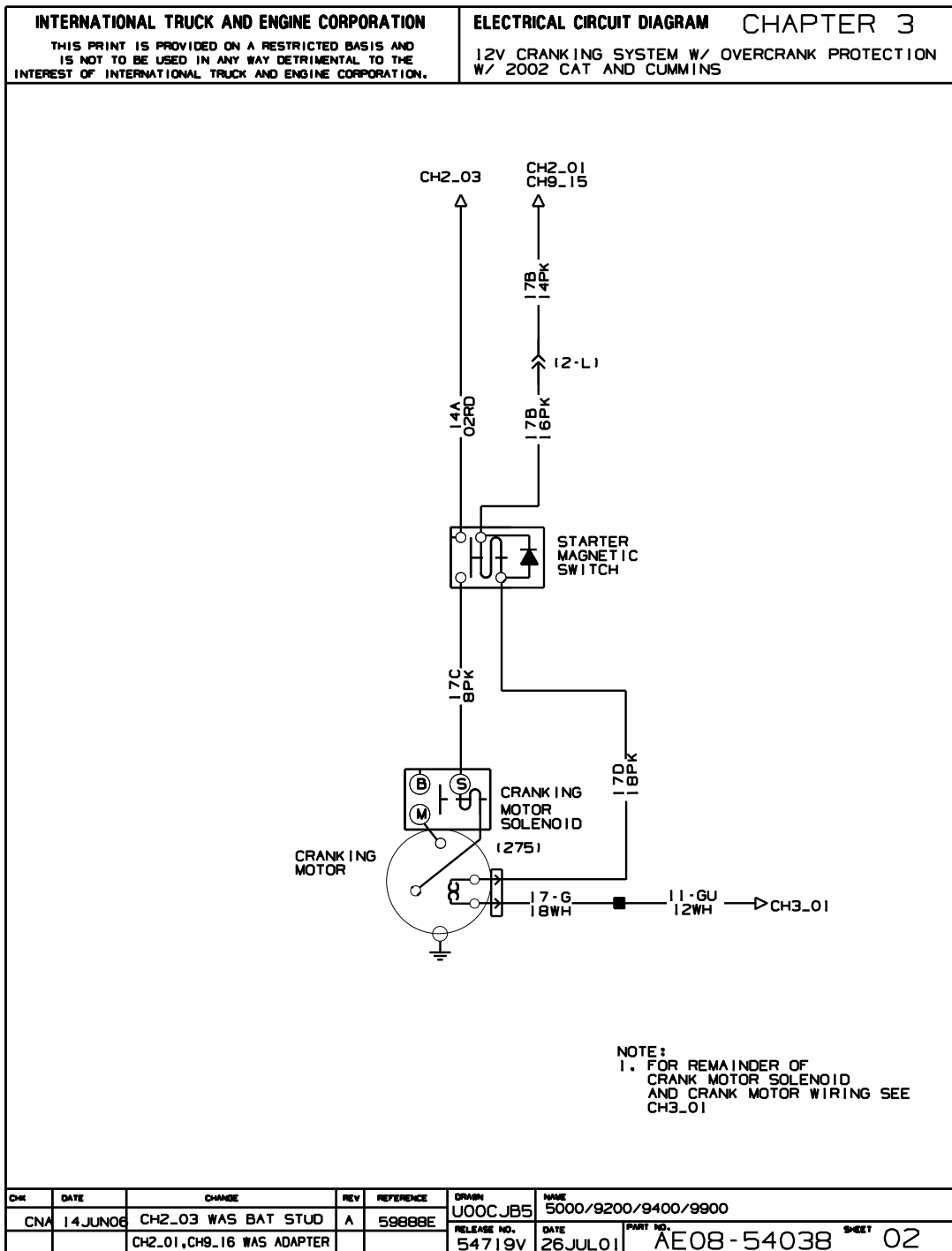


Figure 28 12V Cranking System with Overcrank Protection with 2002 CAT and Cummins Engines

3.3. CHARGING AND CRANKING (12V) WITH I6 HEUI ENGINE, P. 3

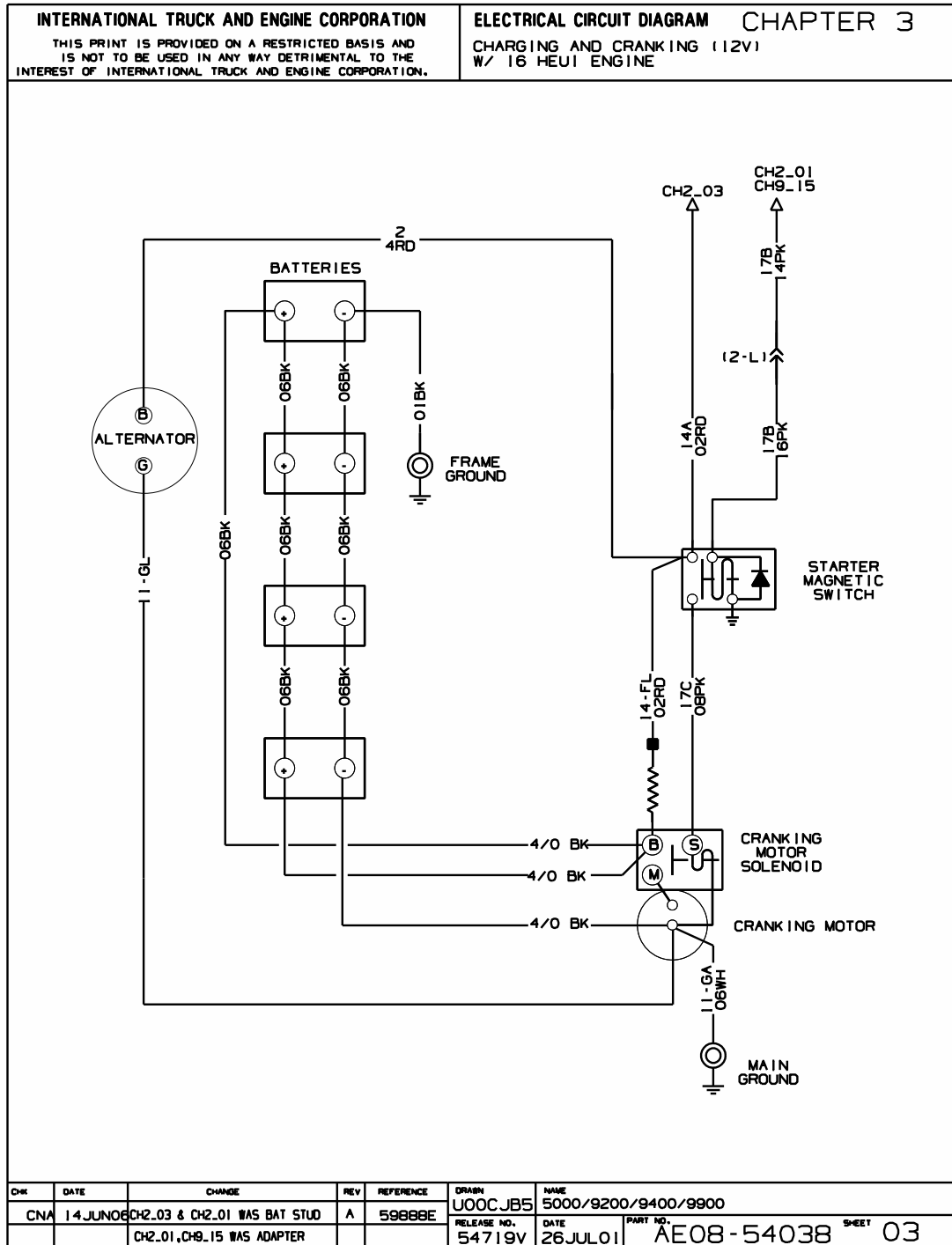


Figure 29 Charging and Cranking (12V) with I6 HEUI Engine

3.4. 12V CRANKING SYSTEM WITH OVERCRANK PROTECTION WITH I6 HEUI, P. 4

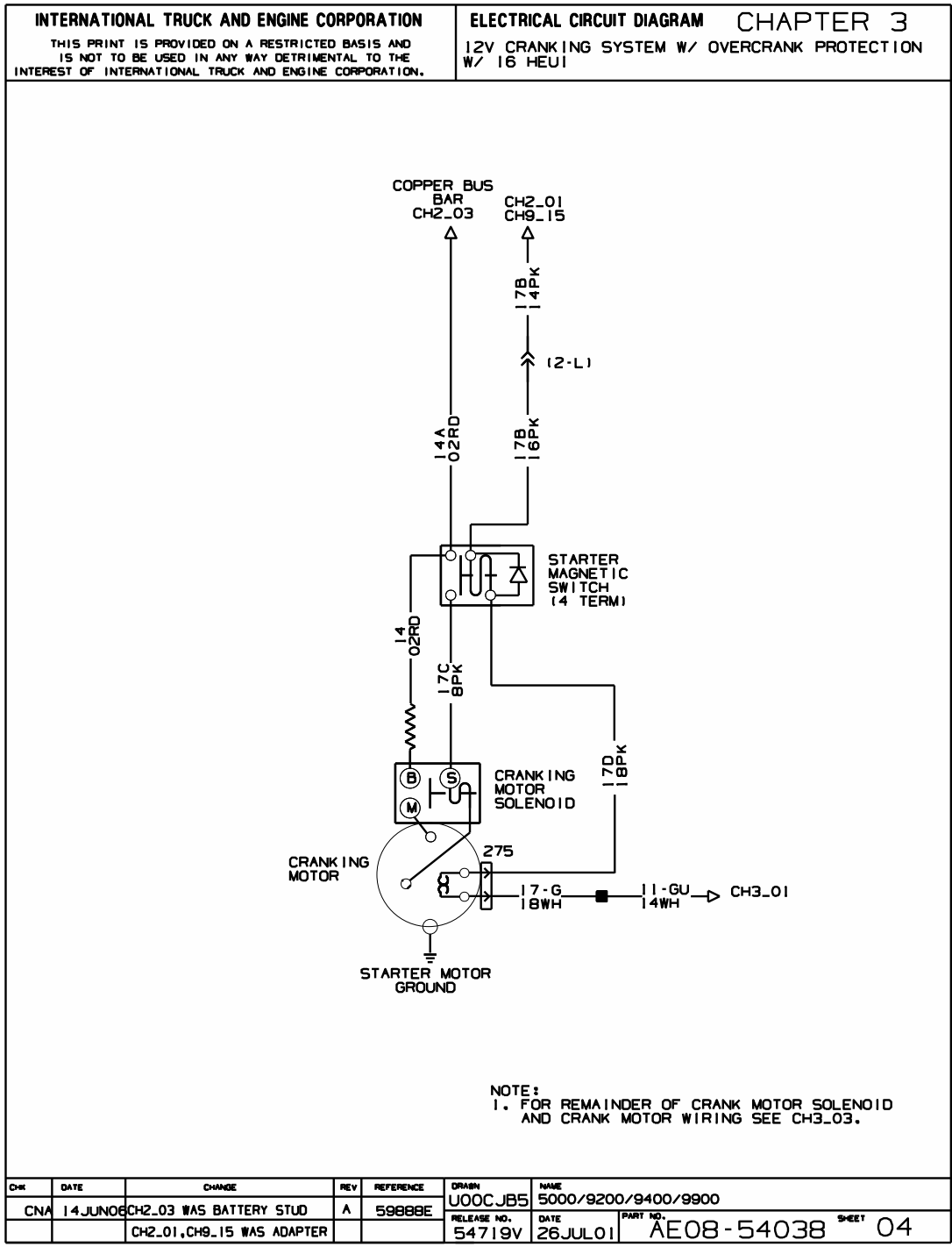


Figure 30 12V Cranking System with Overcrank Protection With I6 HEUI

3.5. 12V CHARGING SYSTEM WITH CUMMINS ISX07 / ISM07 ENGINES, P. 5

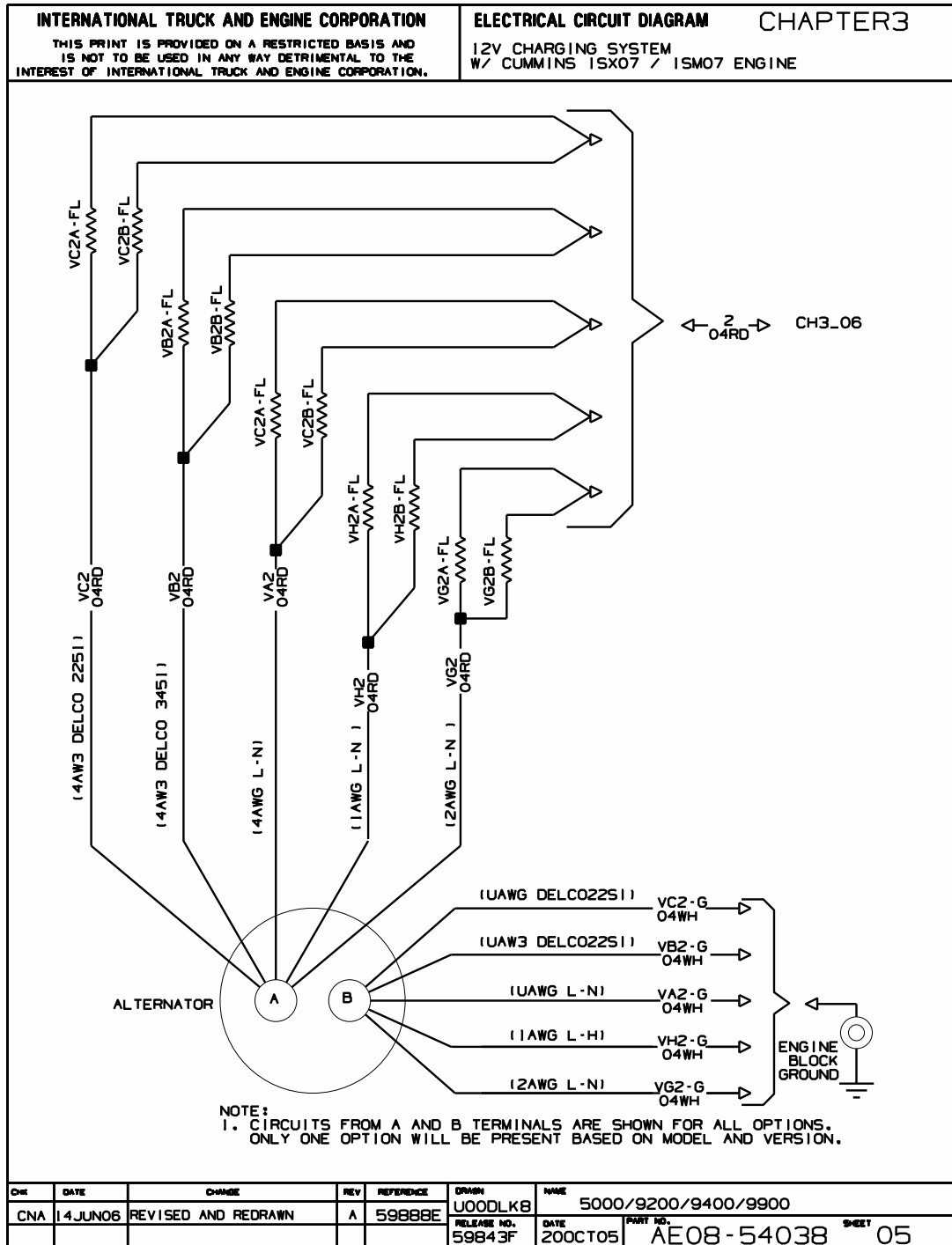


Figure 31 12V Charging System with Cummins ISX07 / ISM07 Engines

3.6. WITH CUMMINS ISX07 / ISM07 ENGINES, P. 6

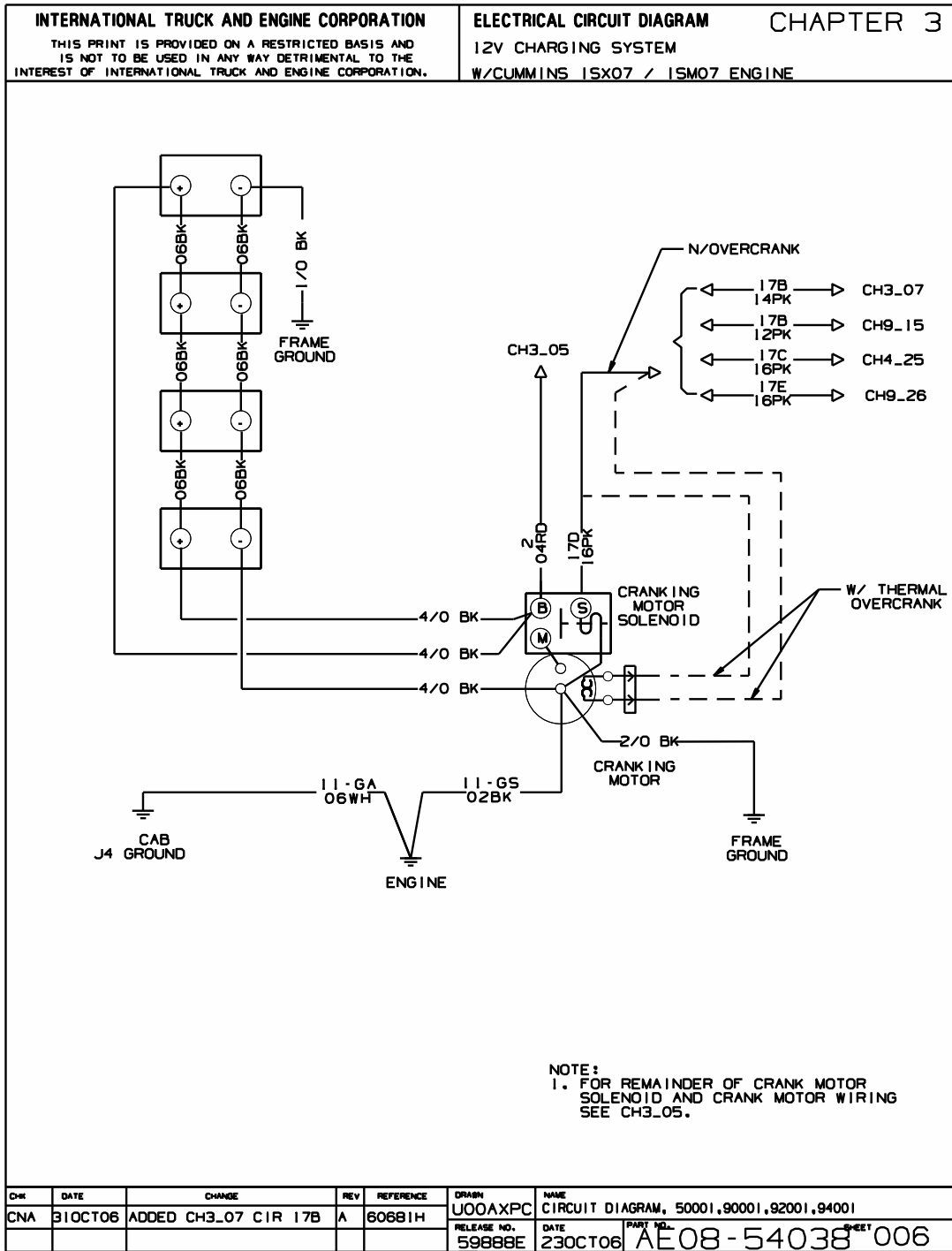


Figure 32 With Cummins ISX07 / ISM07 Engines

3.7. STARTER INTERLOCK WITH CAT AND CUMMINS ENGINES (MANUAL TRANSMISSION), P. 7

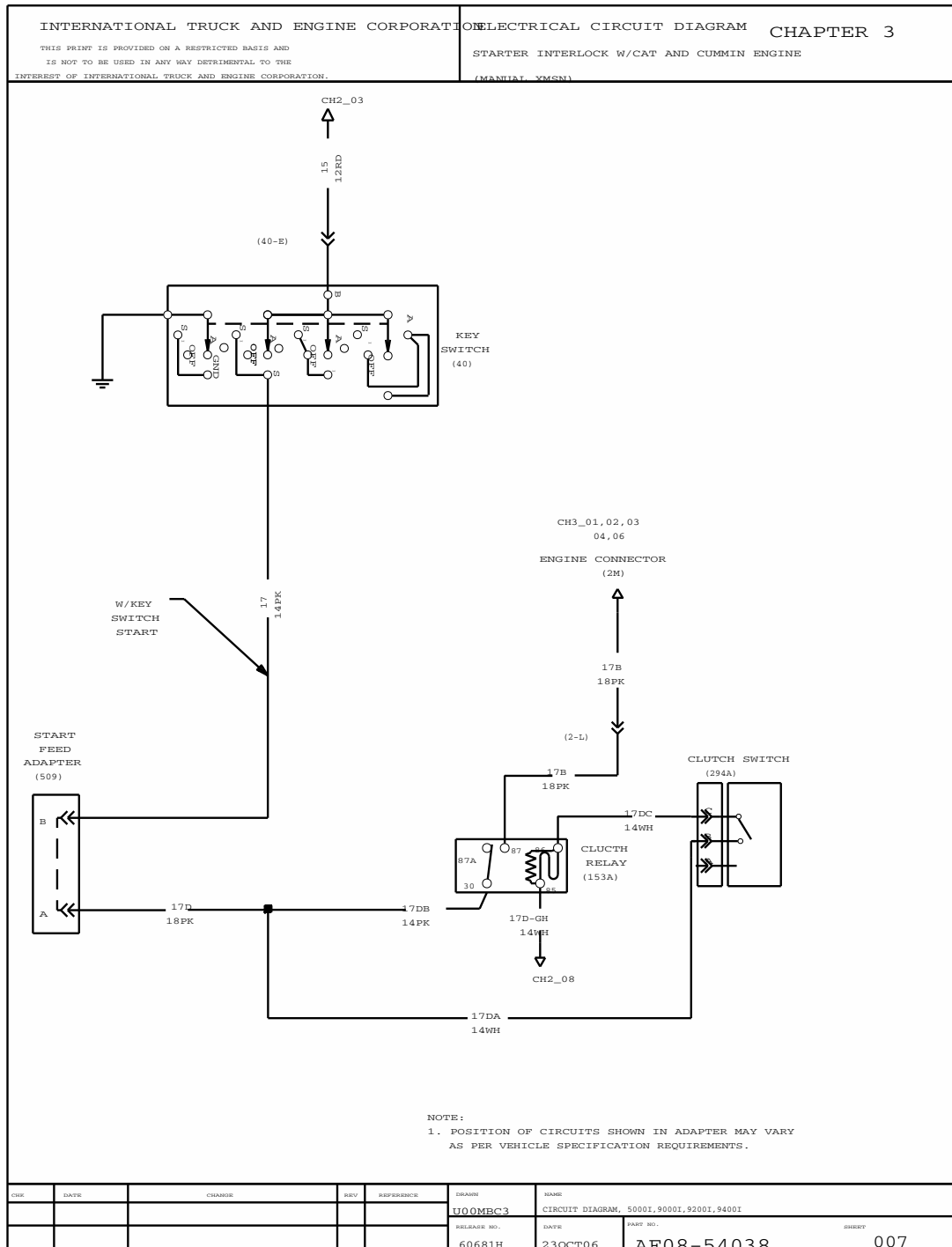


Figure 33 Starter Interlock With CAT and Cummins Engines (Manual Transmission)

3.9. THERMAL OVERCRANK WITH 15L IBB ENGINES, P. 9

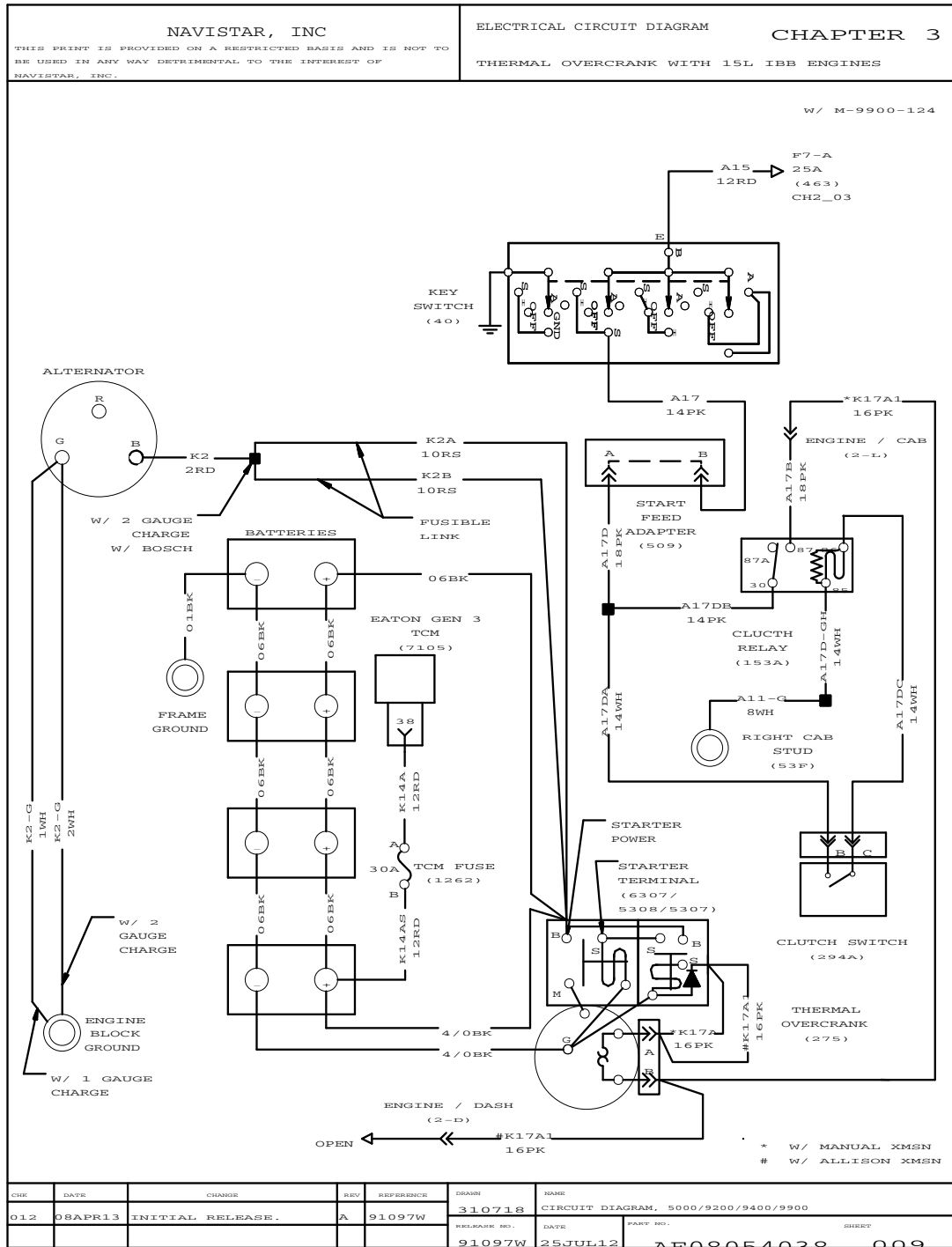


Figure 35 Thermal Overcrank with 15L IBB Engines

ENGINE SYSTEMS (CHAPTER 4)

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

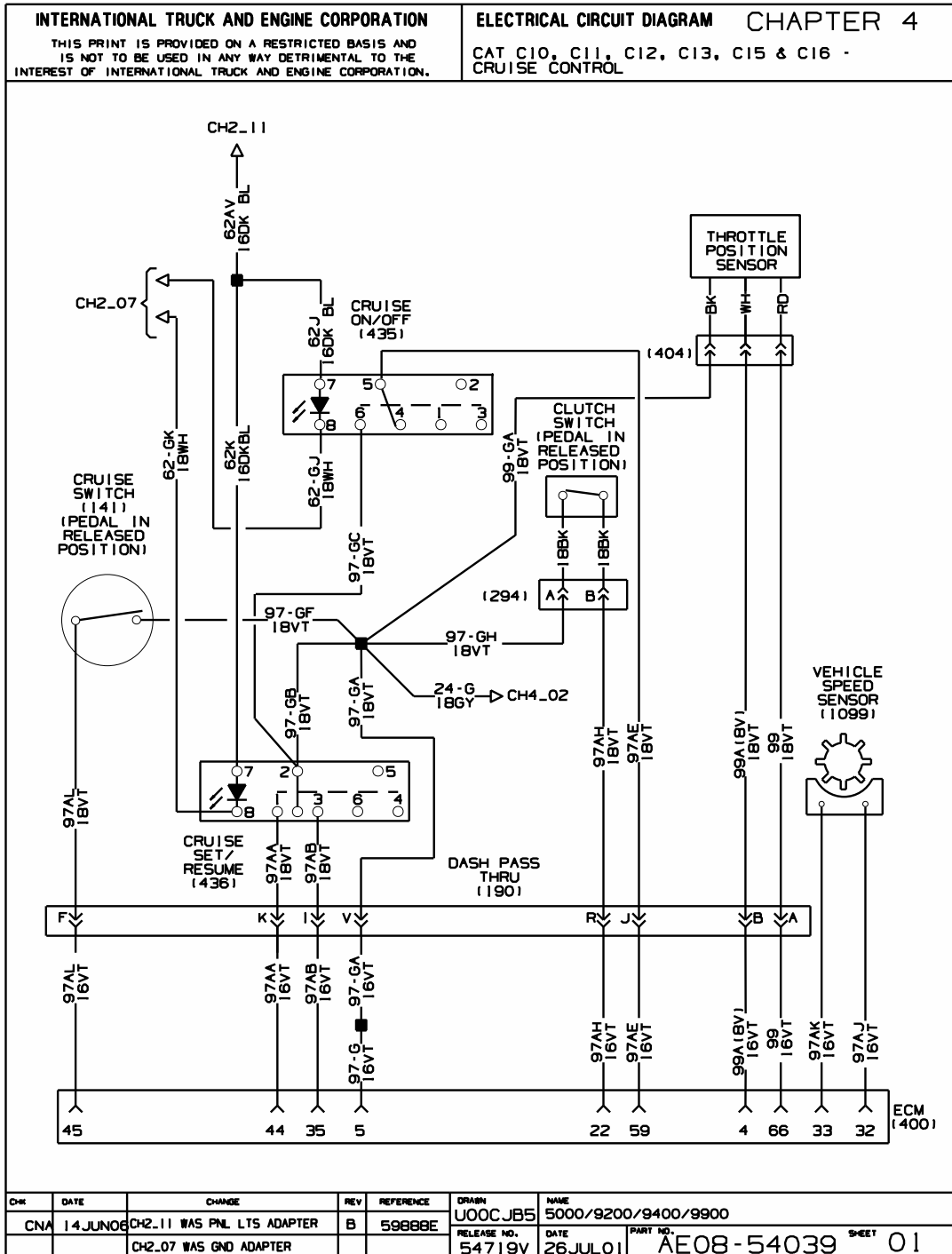


Figure 36 Caterpillar C10, C11, C12, C13, C15, and C16 Cruise Control

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

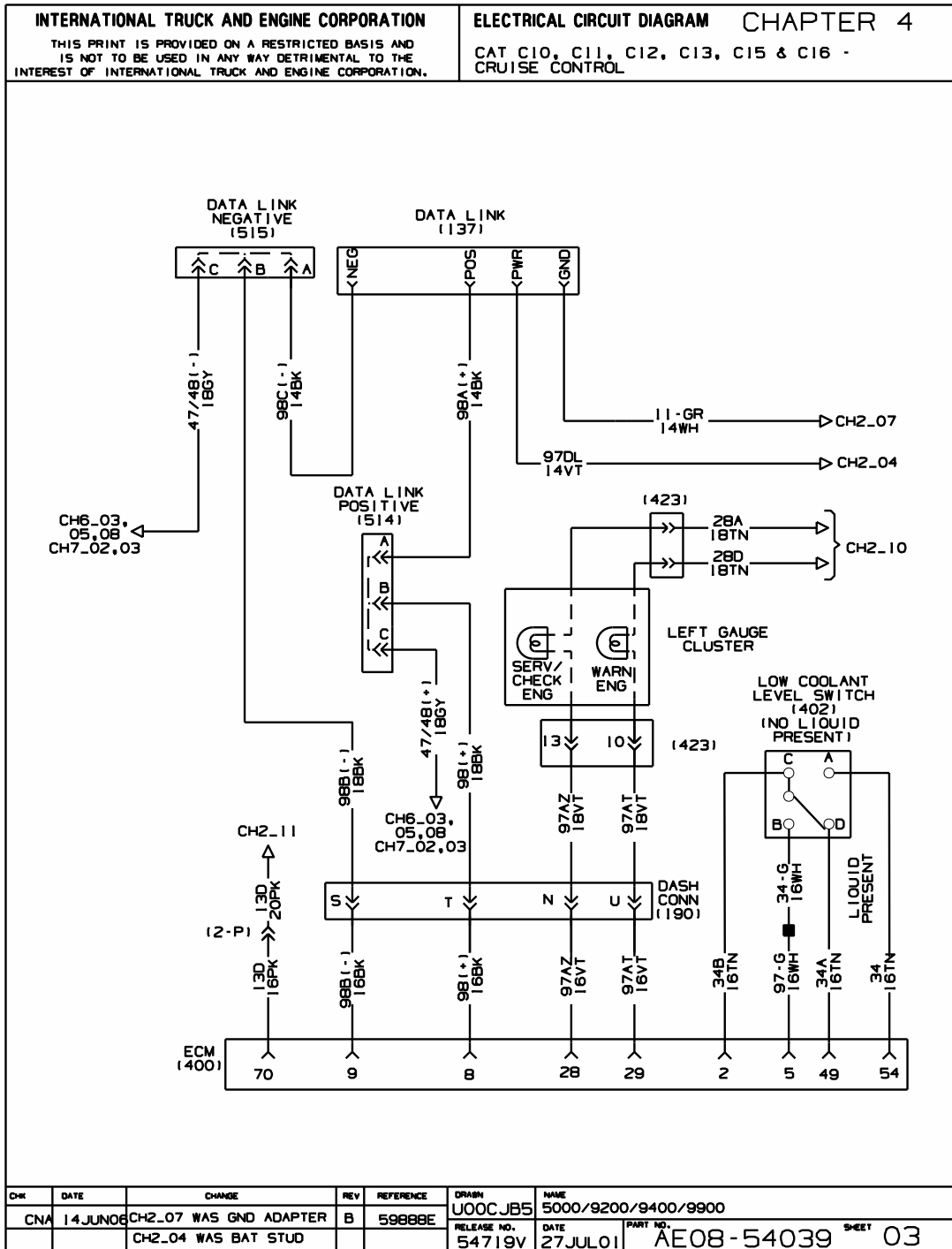


Figure 38 Caterpillar C10, C11, C12, C13, C15, and C16 Engine Controls

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

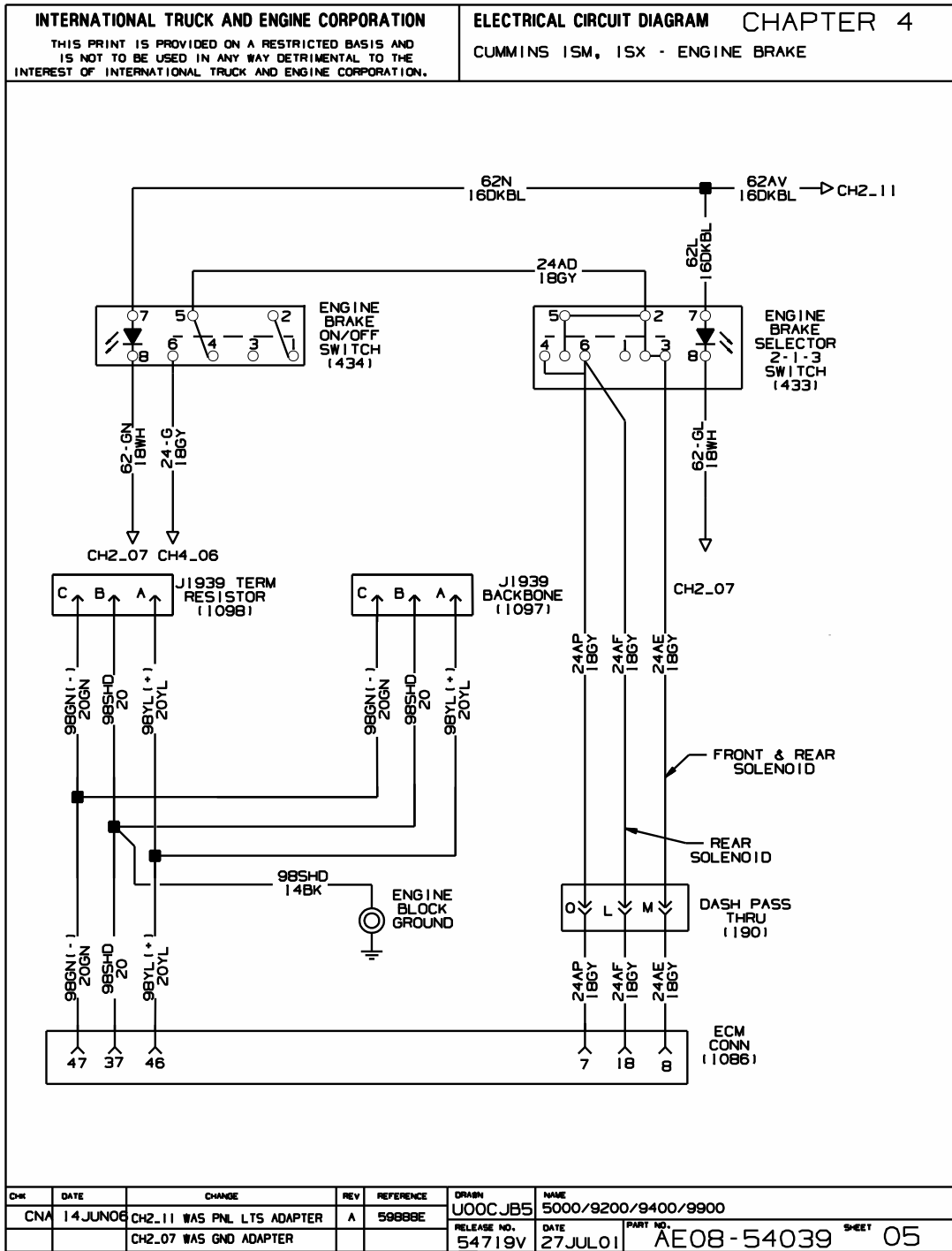


Figure 40 Cummins ISM, ISX Engine Brake

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

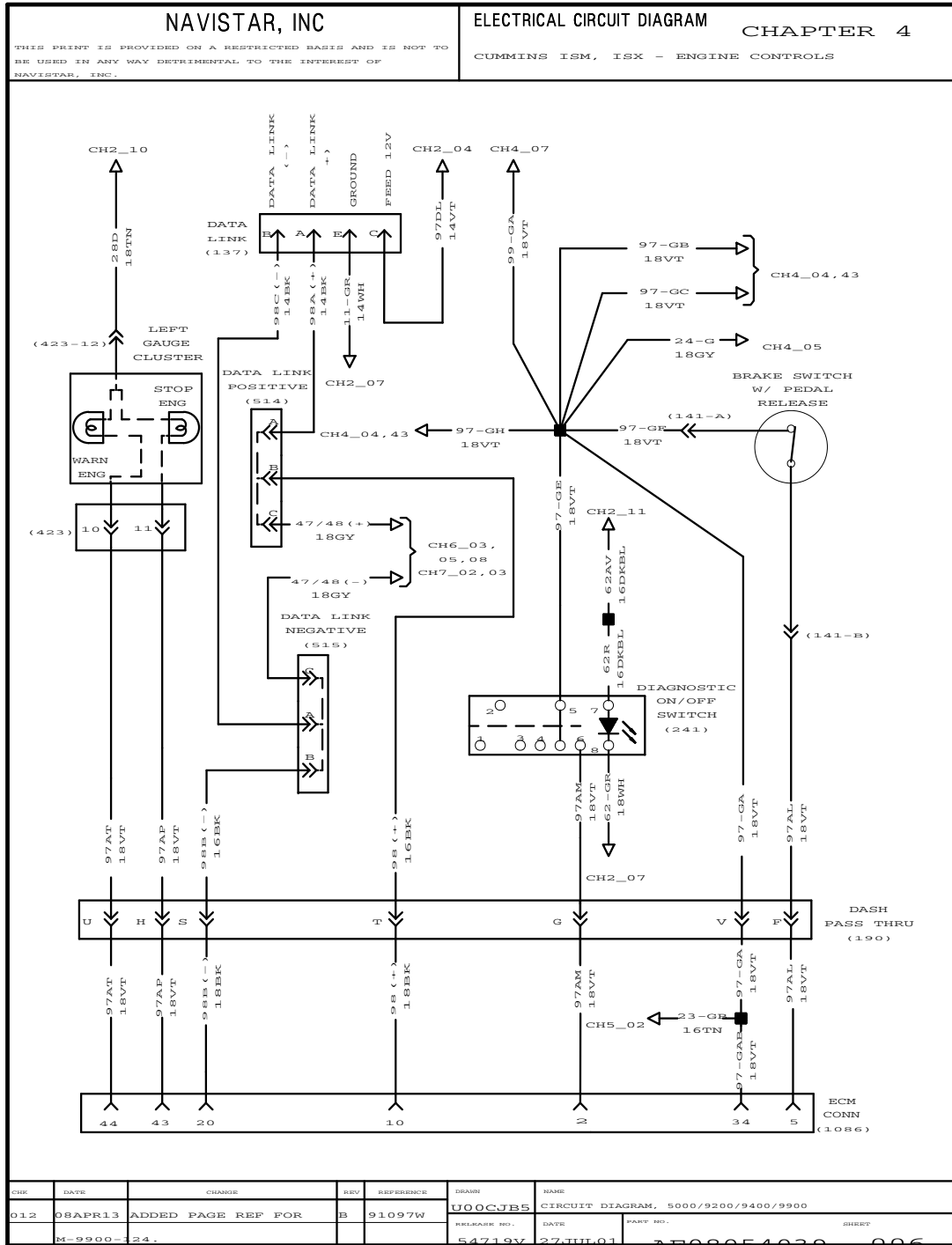


Figure 41 Cummins ISM, ISX – Engine Controls

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

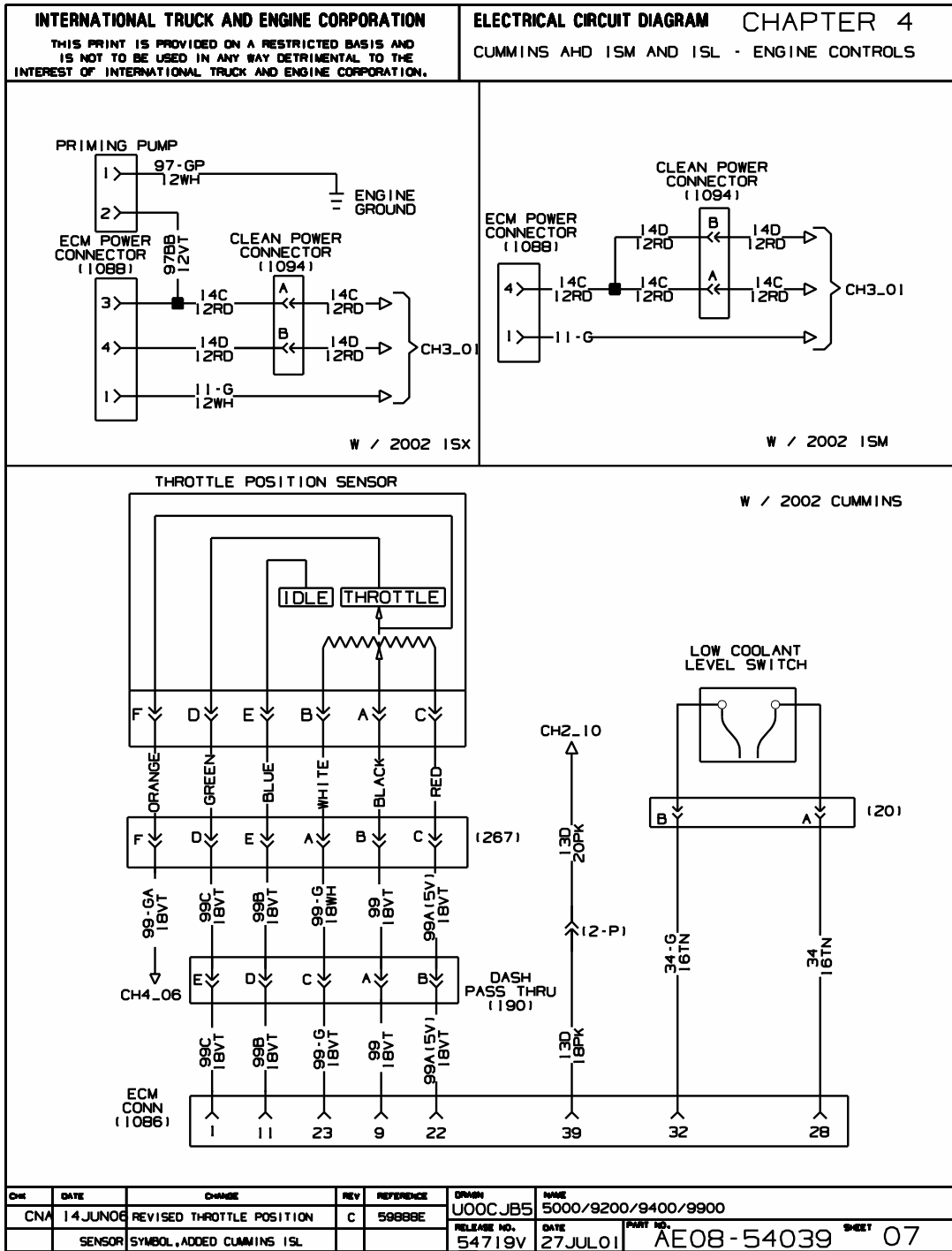


Figure 42 Cummins AHD, ISM and ISL – Engine Controls

4.8. I6 HEUI – CRUISE CONTROL, P. 8

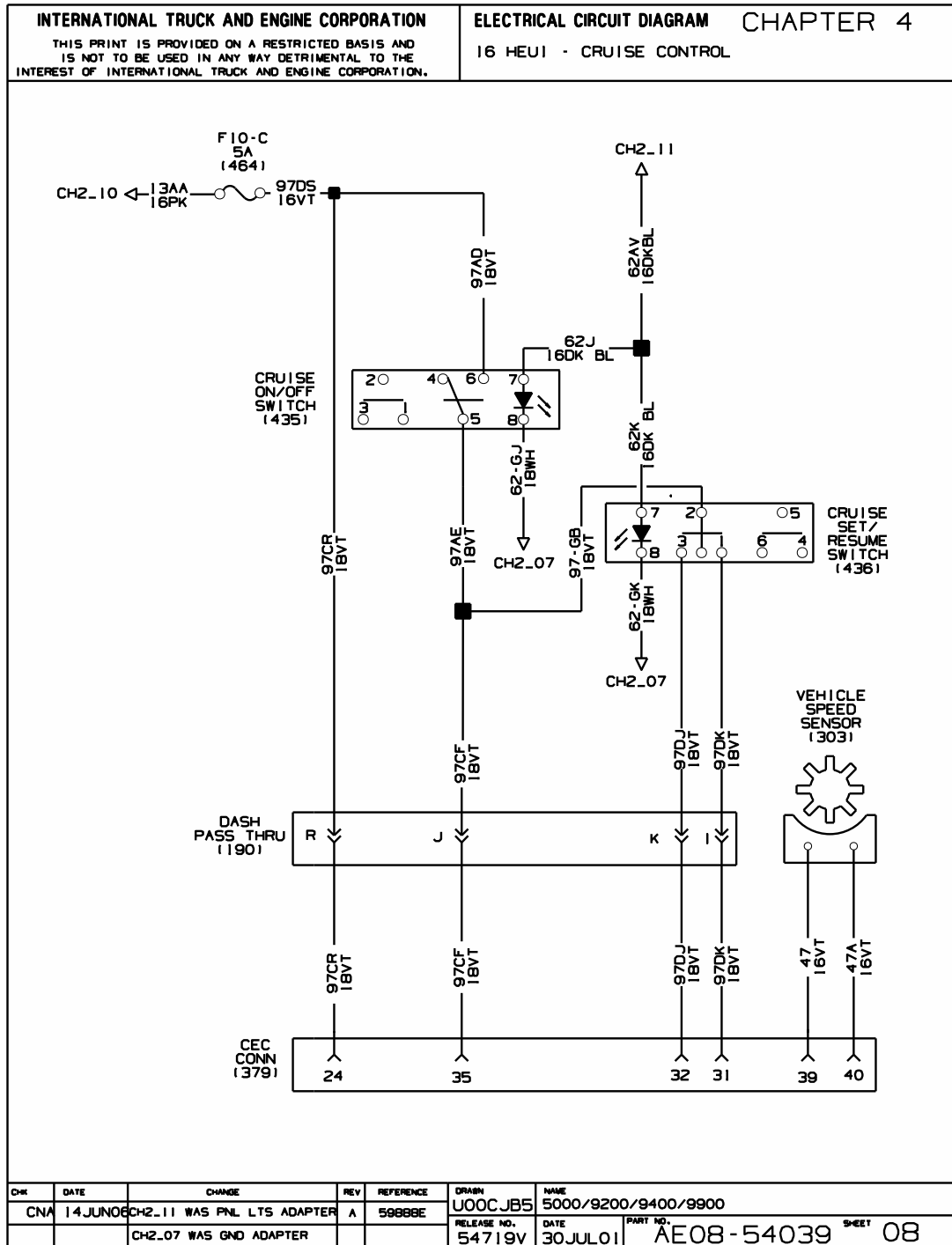
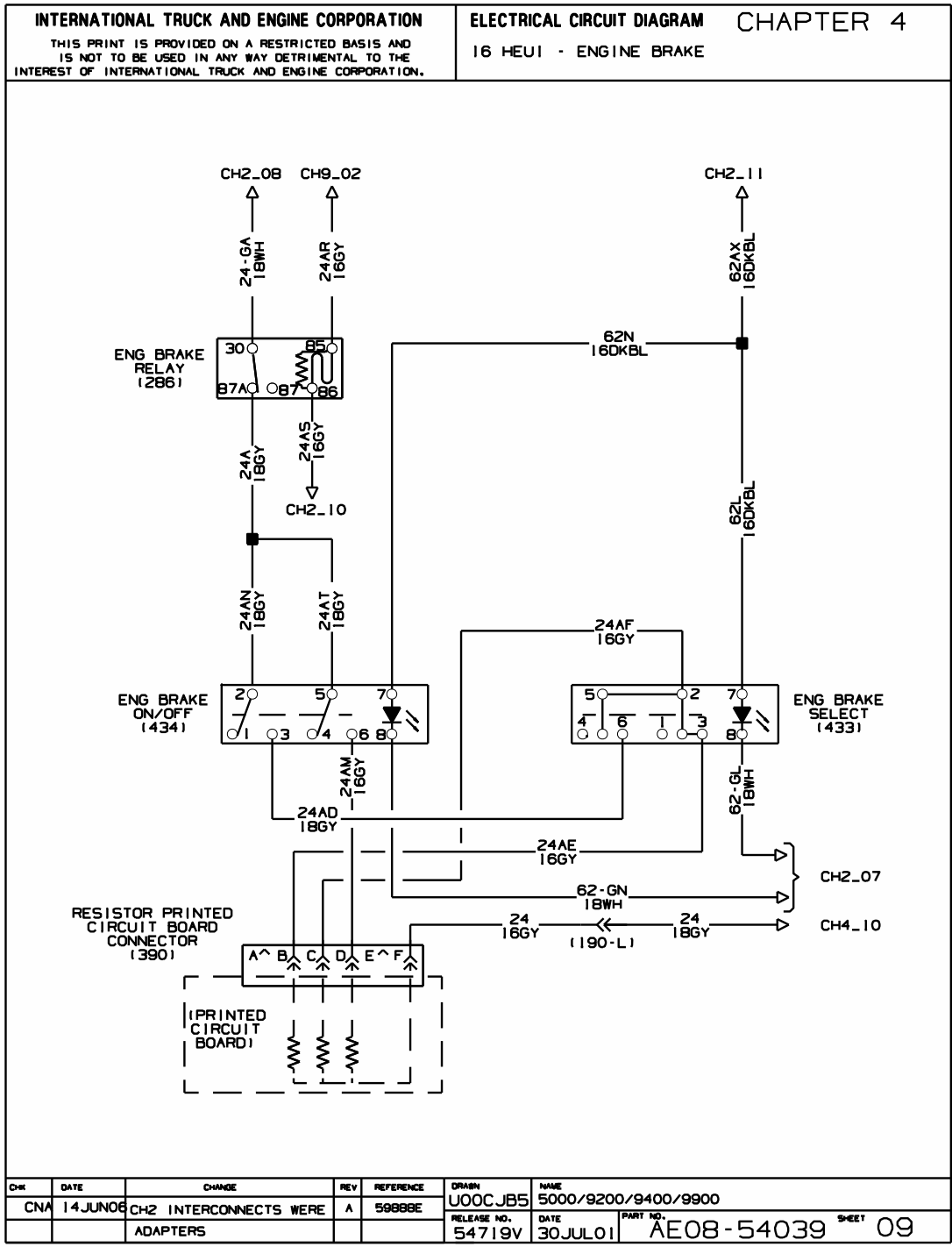


Figure 43 I6 HEUI – Cruise Control

4.9. I6 HEUI – ENGINE BRAKE, P. 9



4.10. 16 HEUI – ENGINE CONTROLS, P. 10

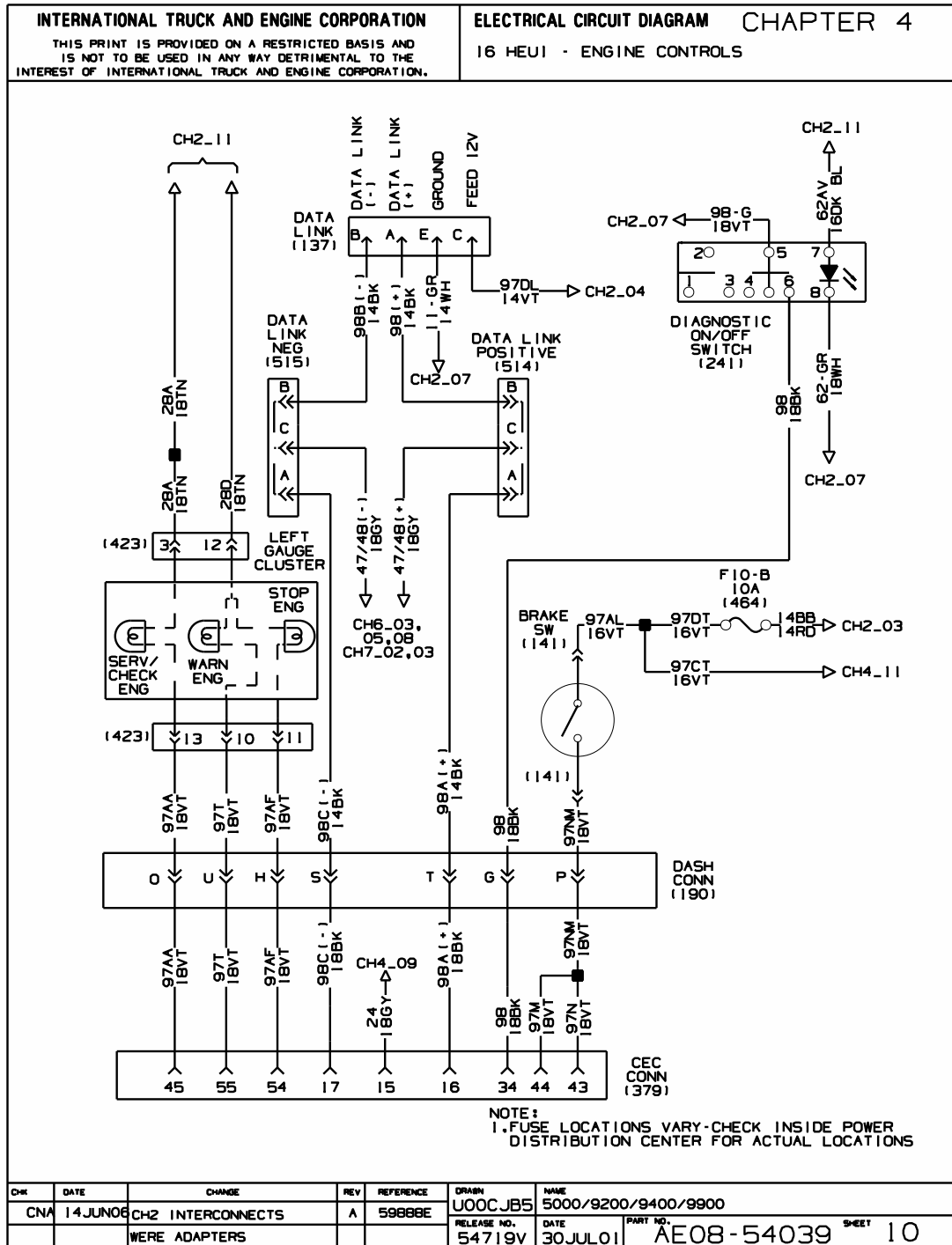


Figure 45 16 HEUI – Engine Controls

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

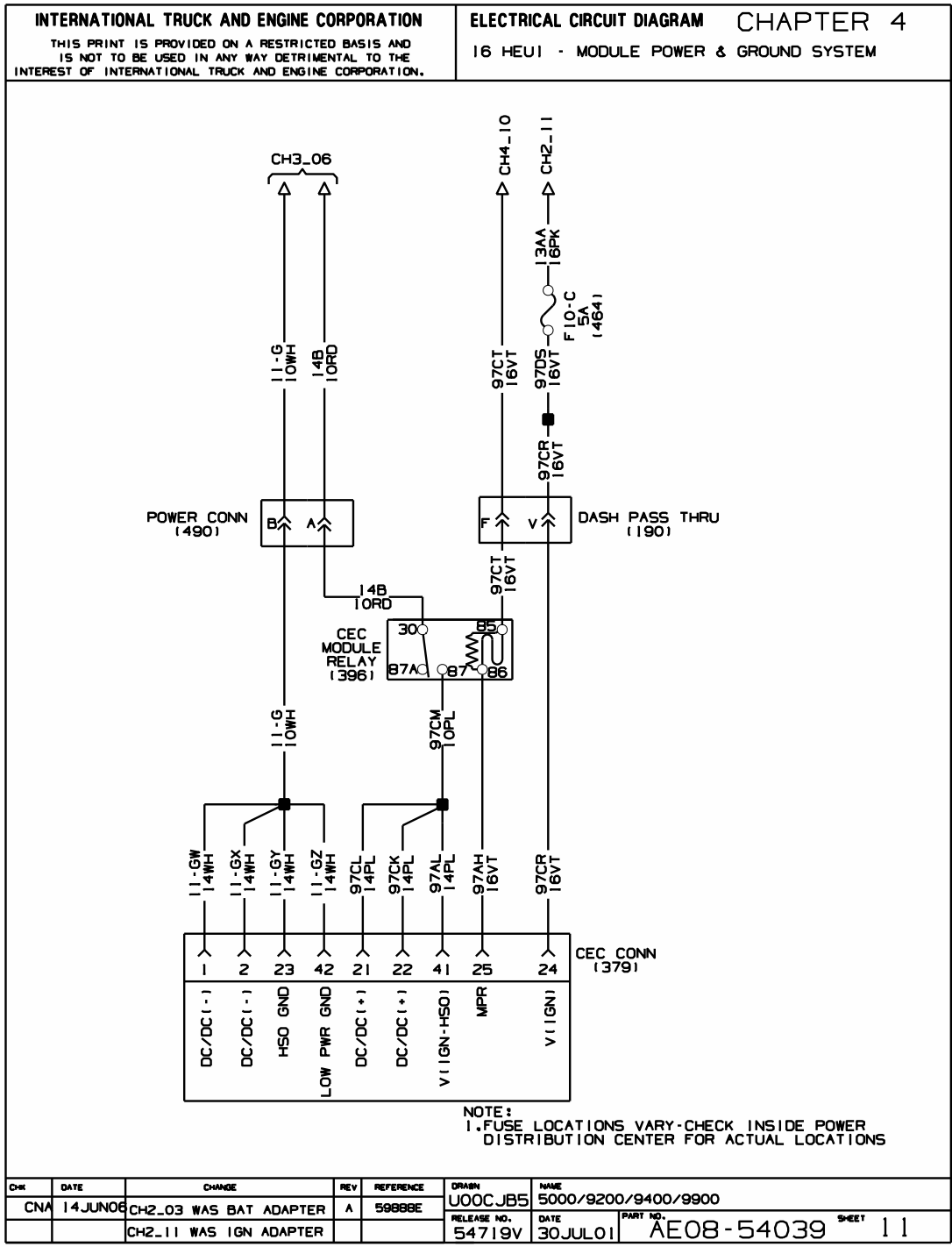


Figure 46 I6 HEUI – Module Power and Ground System

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

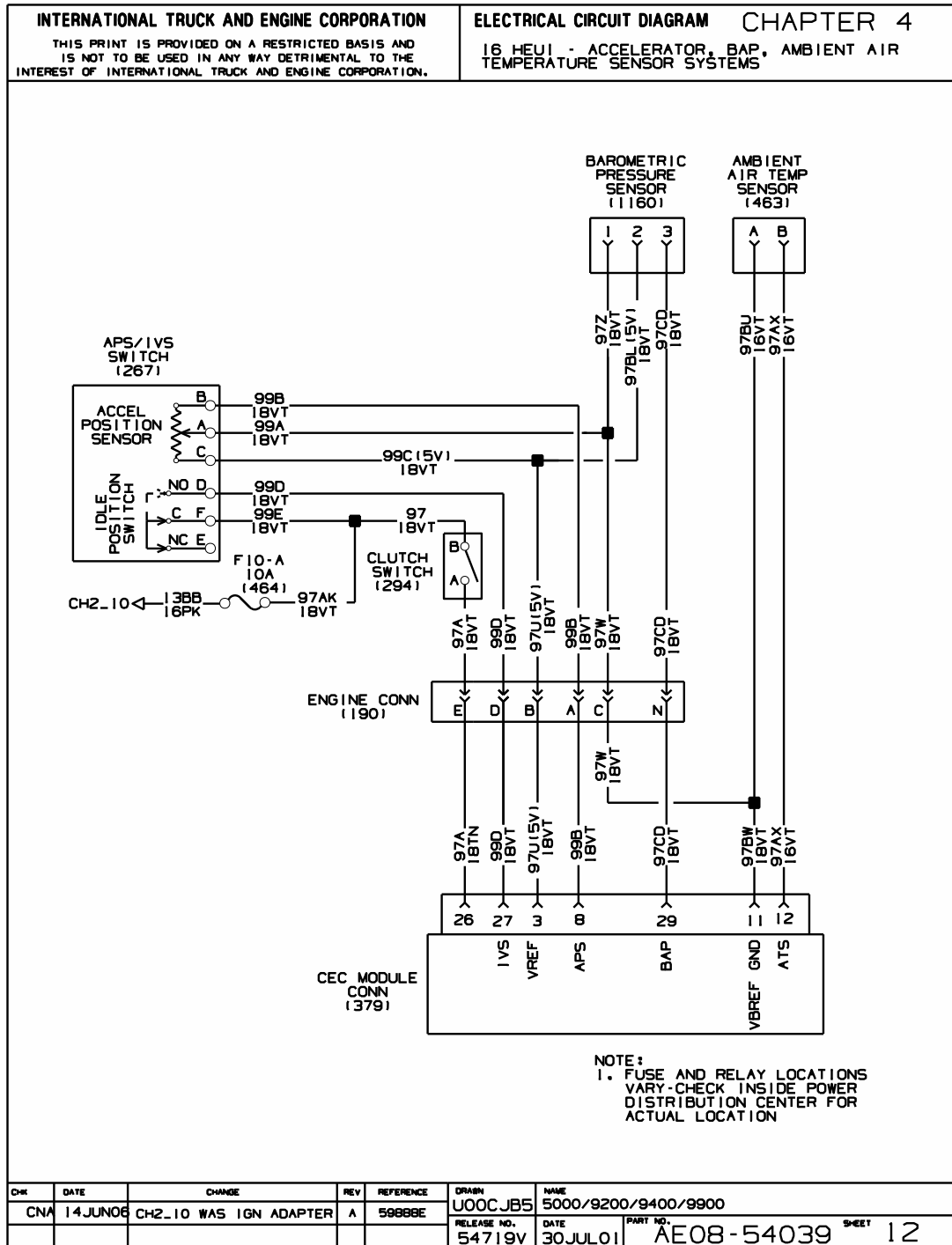


Figure 47 I6 HEUI – Accelerator, BAP, Ambient Air Temp Sensor System

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

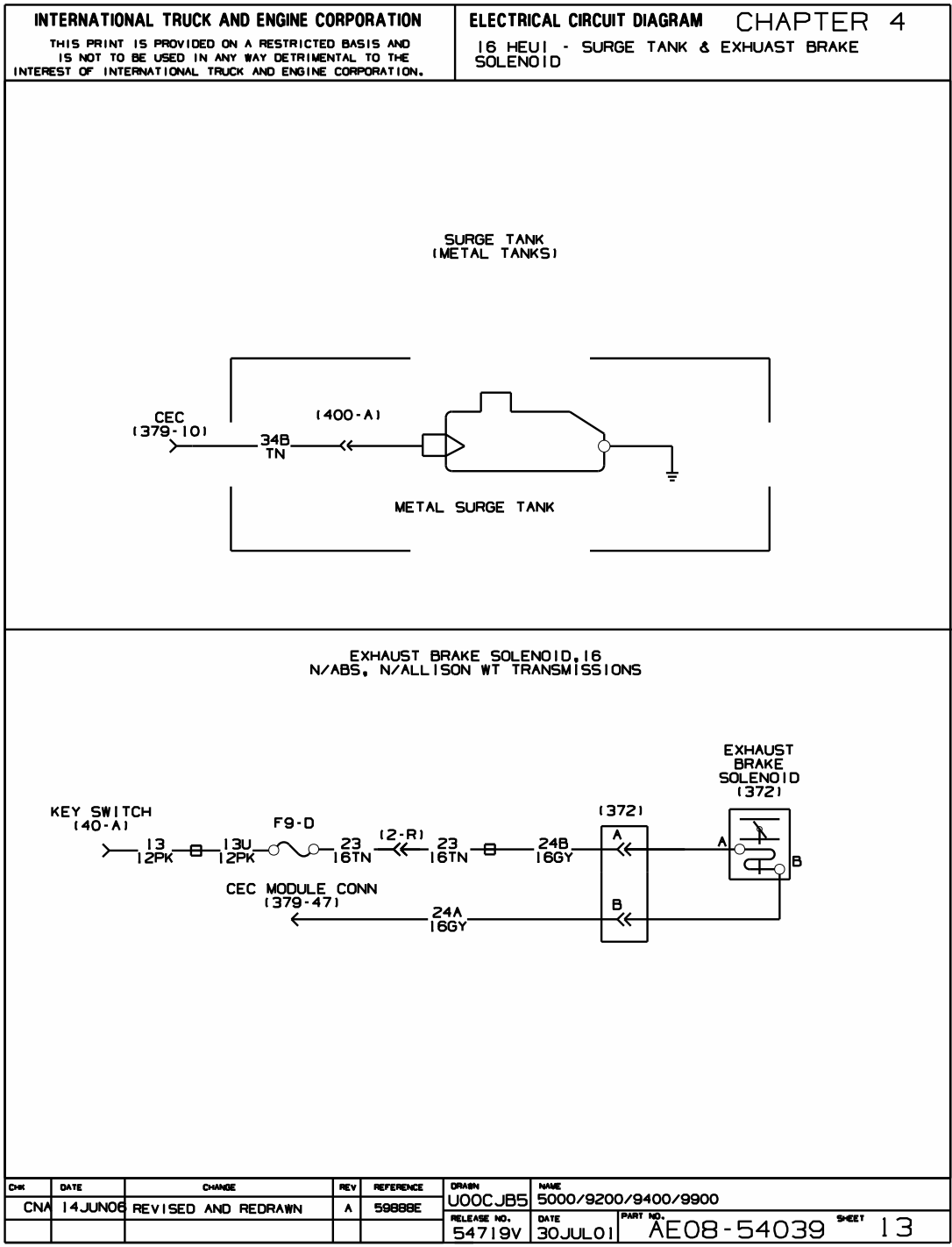


Figure 48 I6 HEUI – Surge Tank and Exhaust Brake Solenoid

4.14. CUMMINS ISX07 / ISM07 ECM PIN LAYOUT, P. 14

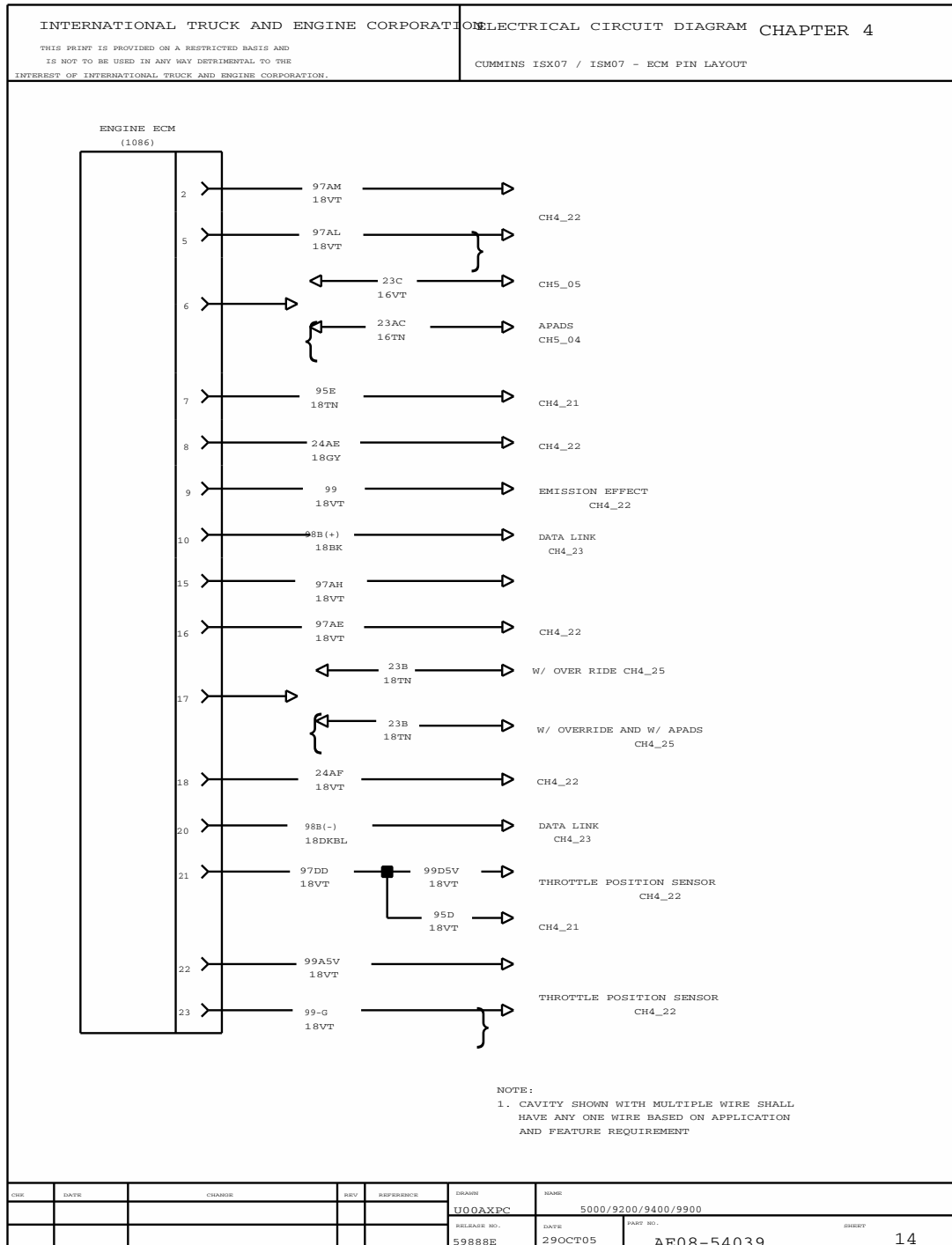


Figure 49 Cummins ISX07 / ISM07 ECM Pin Layout

4.15. CUMMINS ISX07 / ISM07 ECM PIN LAYOUT, P. 15

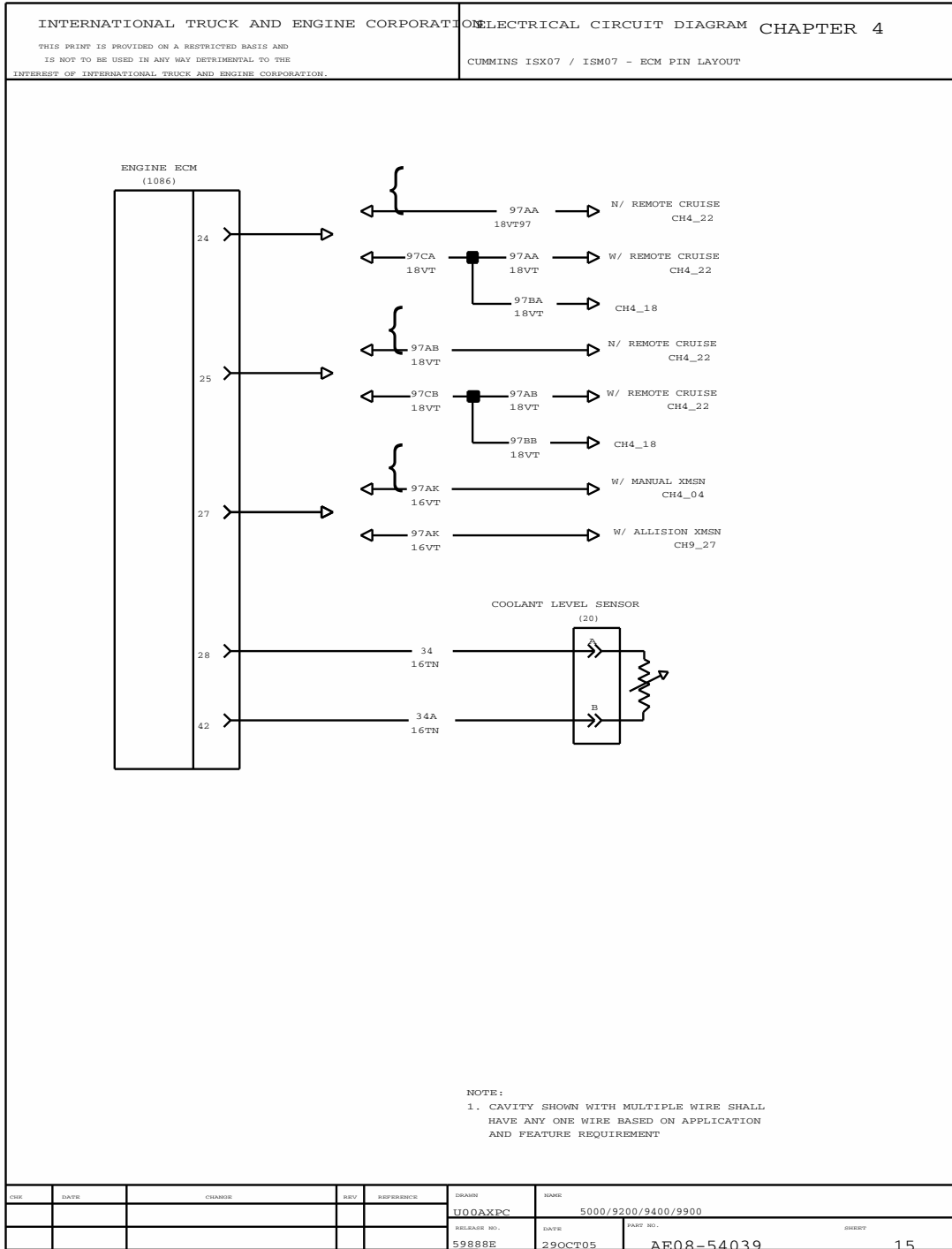


Figure 50 Cummins ISX07 / ISM07 ECM Pin Layout

4.16. CUMMINS ISX07 / ISM07 ECM PIN LAYOUT, P. 16

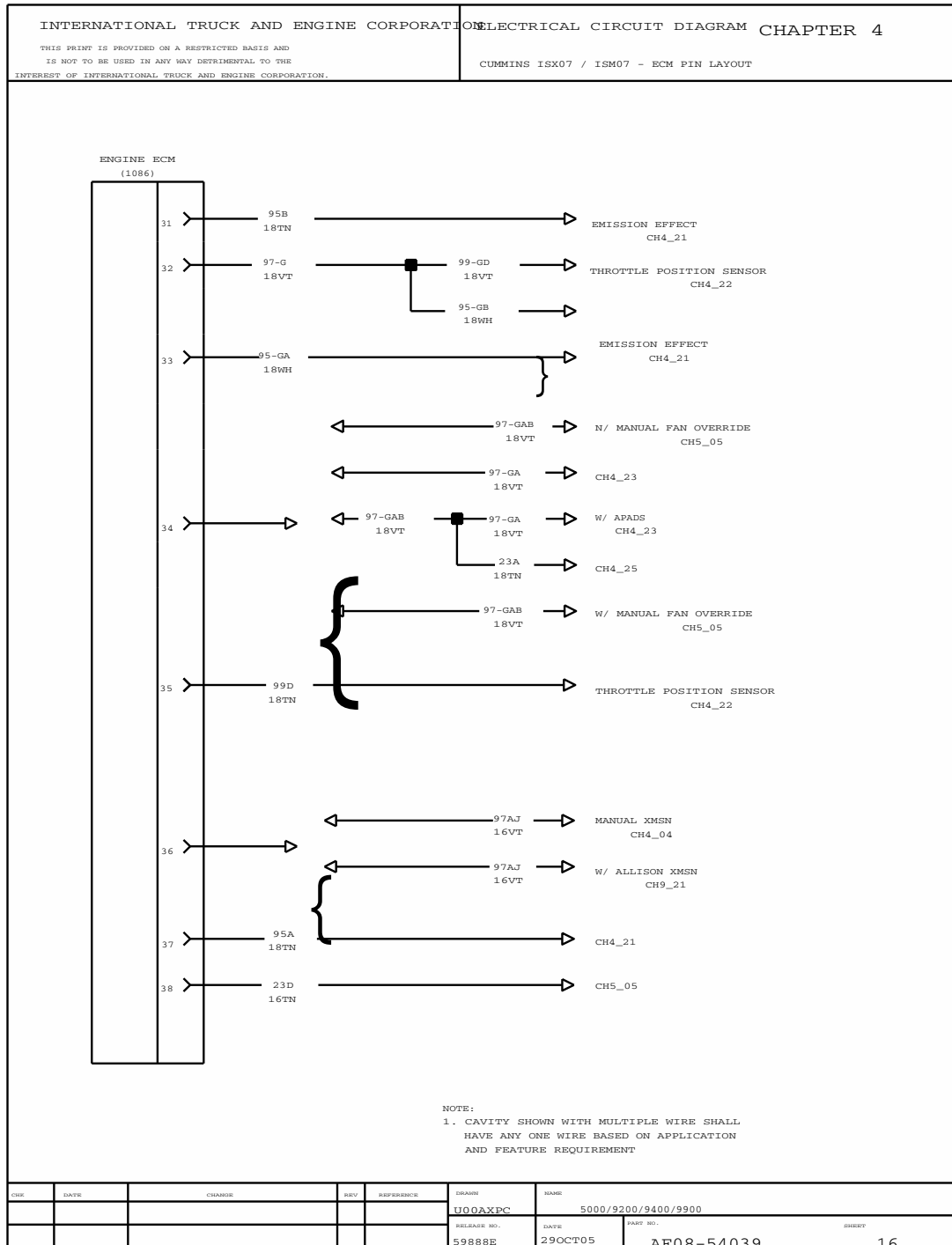


Figure 51 Cummins ISX07 / ISM07 ECM Pin Layout

4.17. CUMMINS ISX07 / ISM07 ECM PIN LAYOUT, P. 17

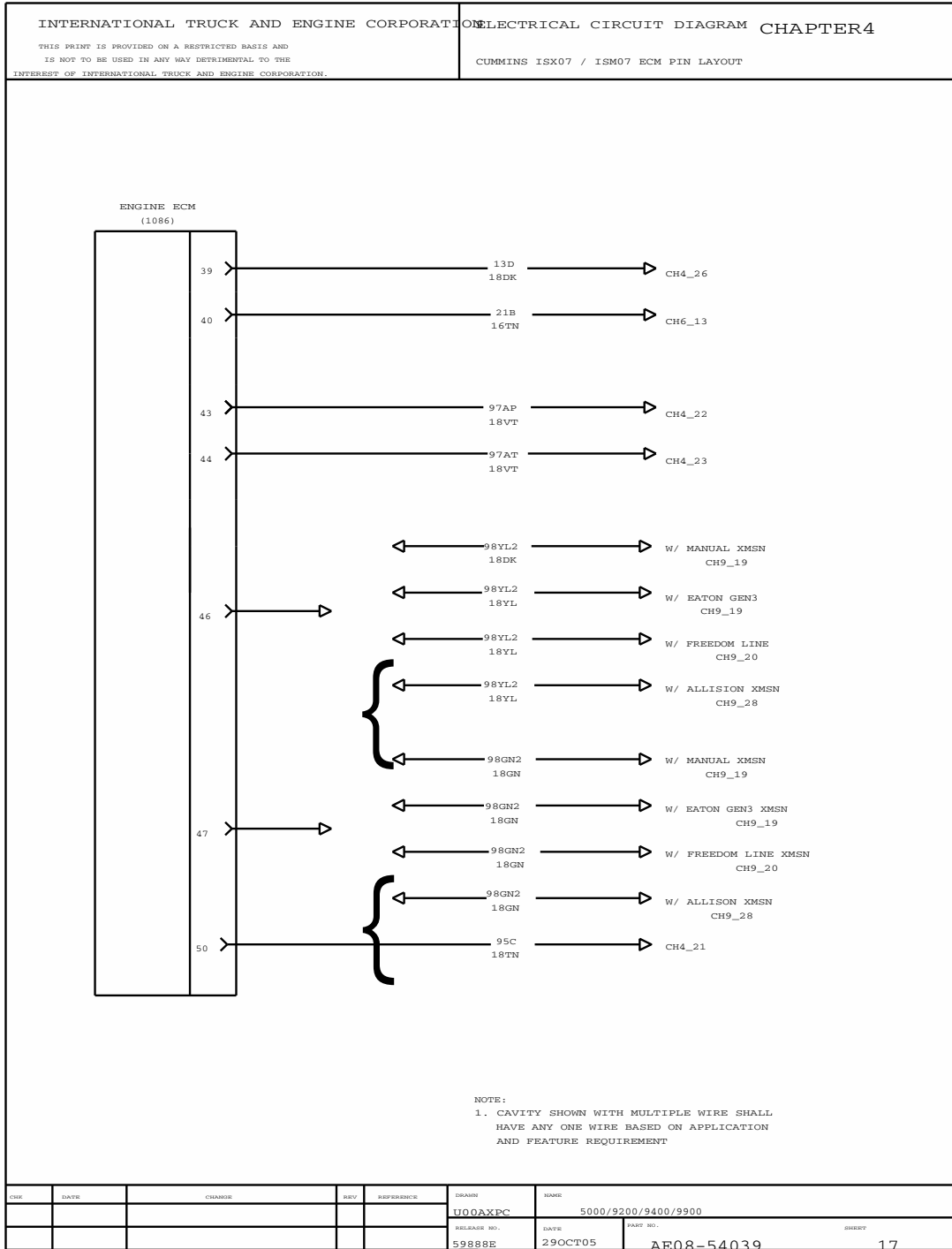


Figure 52 Cummins ISX07 / ISM07 ECM Pin Layout

4.18. CUMMINS ISX07 / ISM07 REMOTE CRUISE CONTROL, P. 18

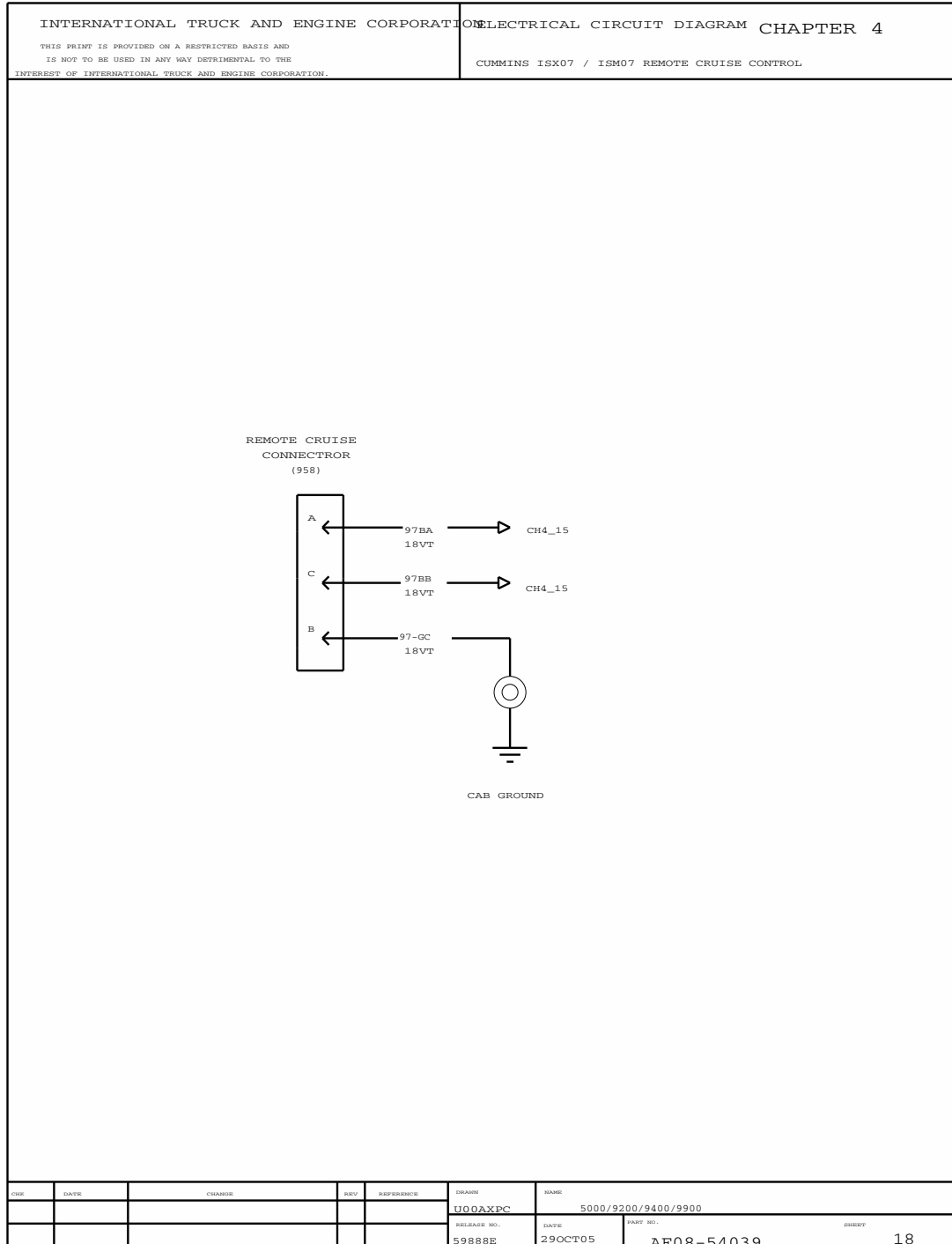


Figure 53 Cummins ISX07 / ISM07 Remote Cruise Control

4.19. CUMMINS ISX 07 / ISM 07 ENGINE BRAKE WITH ALLISON TRANSMISSION, P. 19

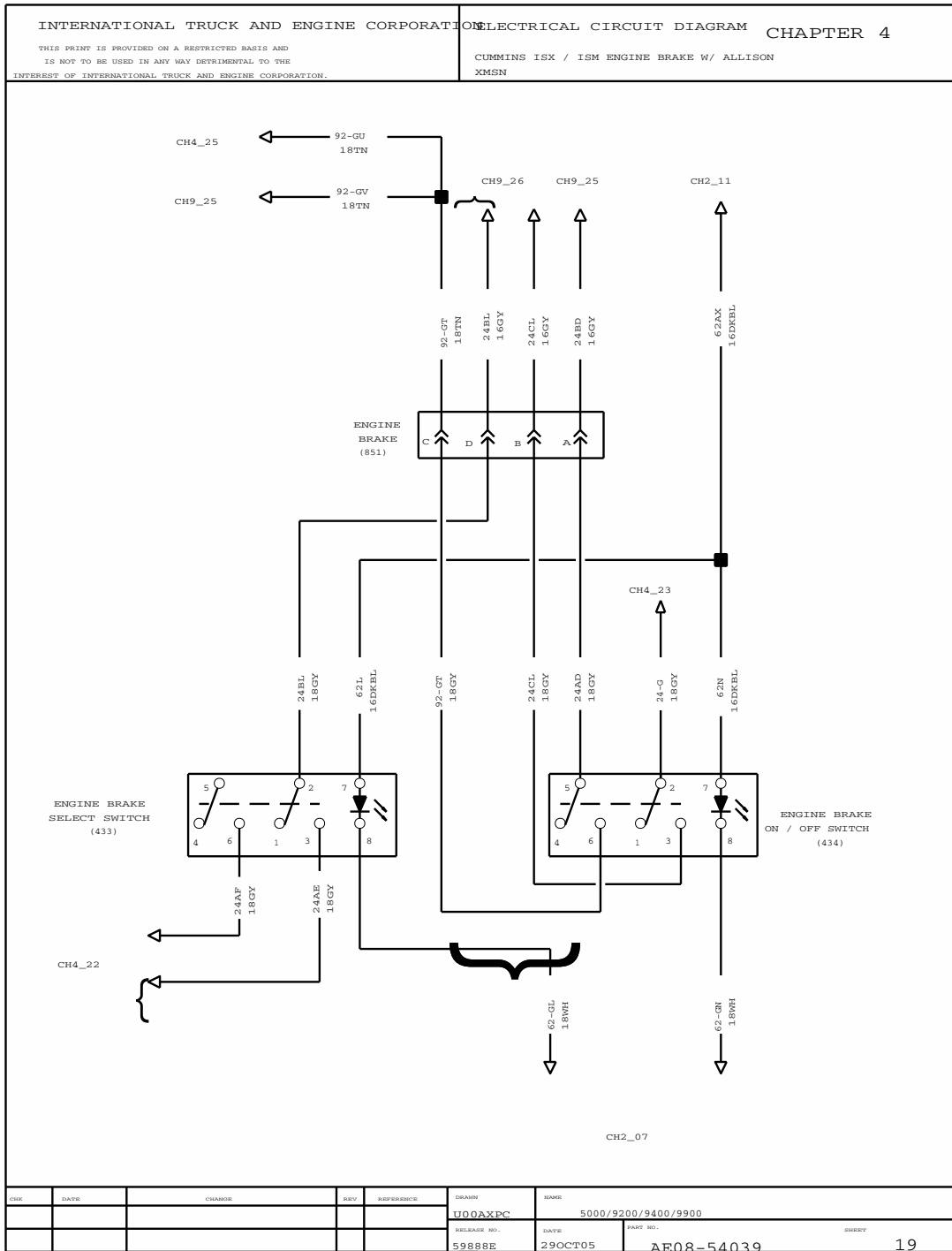


Figure 54 Cummins ISX 07 / ISM 07 Engine Brake with Allison Transmission

4.20. CUMMINS ISX07 / ISM07 ENGINE WITH JAKE BRAKE FOOT SWITCH, P. 20

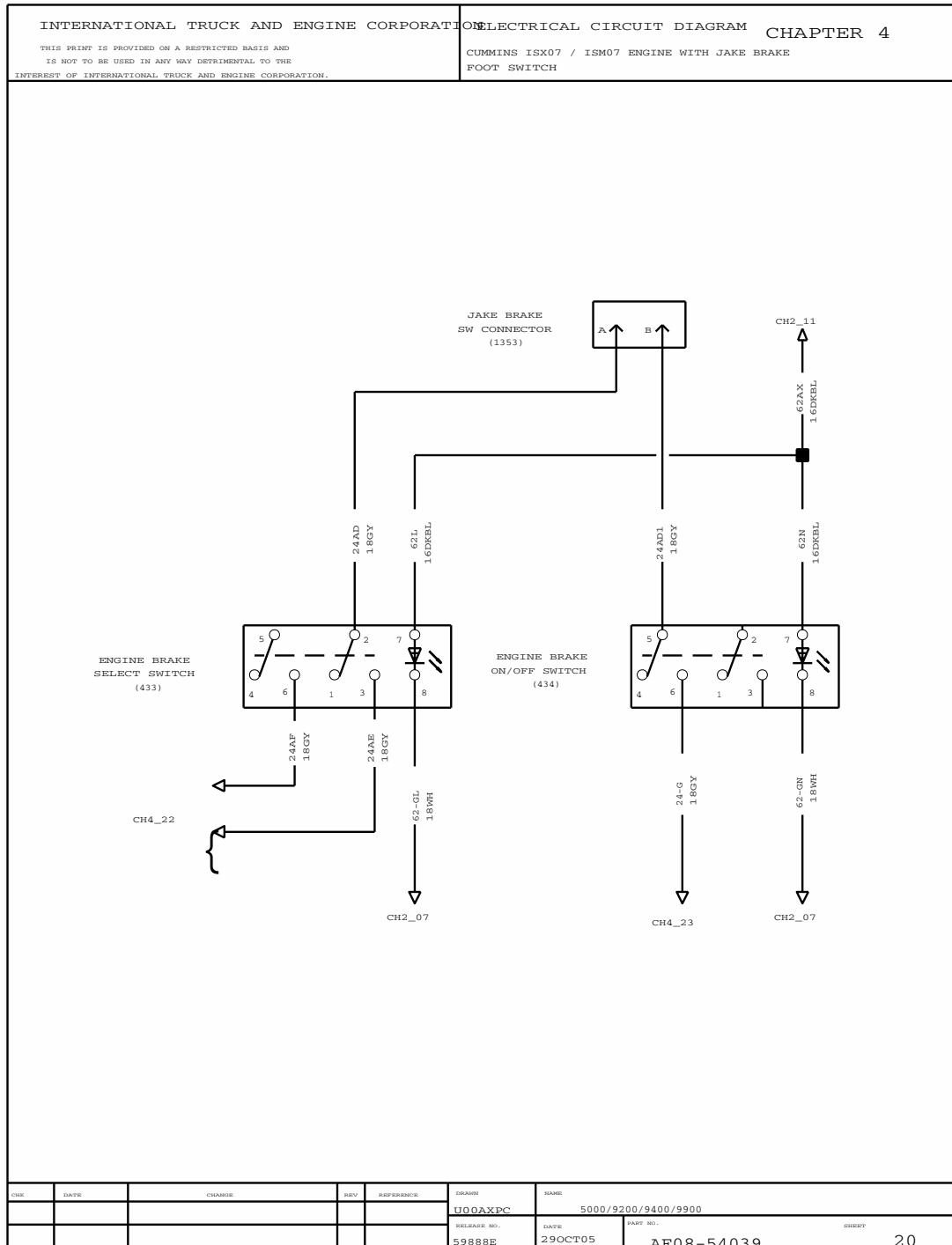


Figure 55 Cummins ISX07 / ISM07 Engine with Jake Brake Foot Switch

4.21. CUMMINS ISX / ISM AFTERTREATMENT INTERFACE EMISSION, P. 21

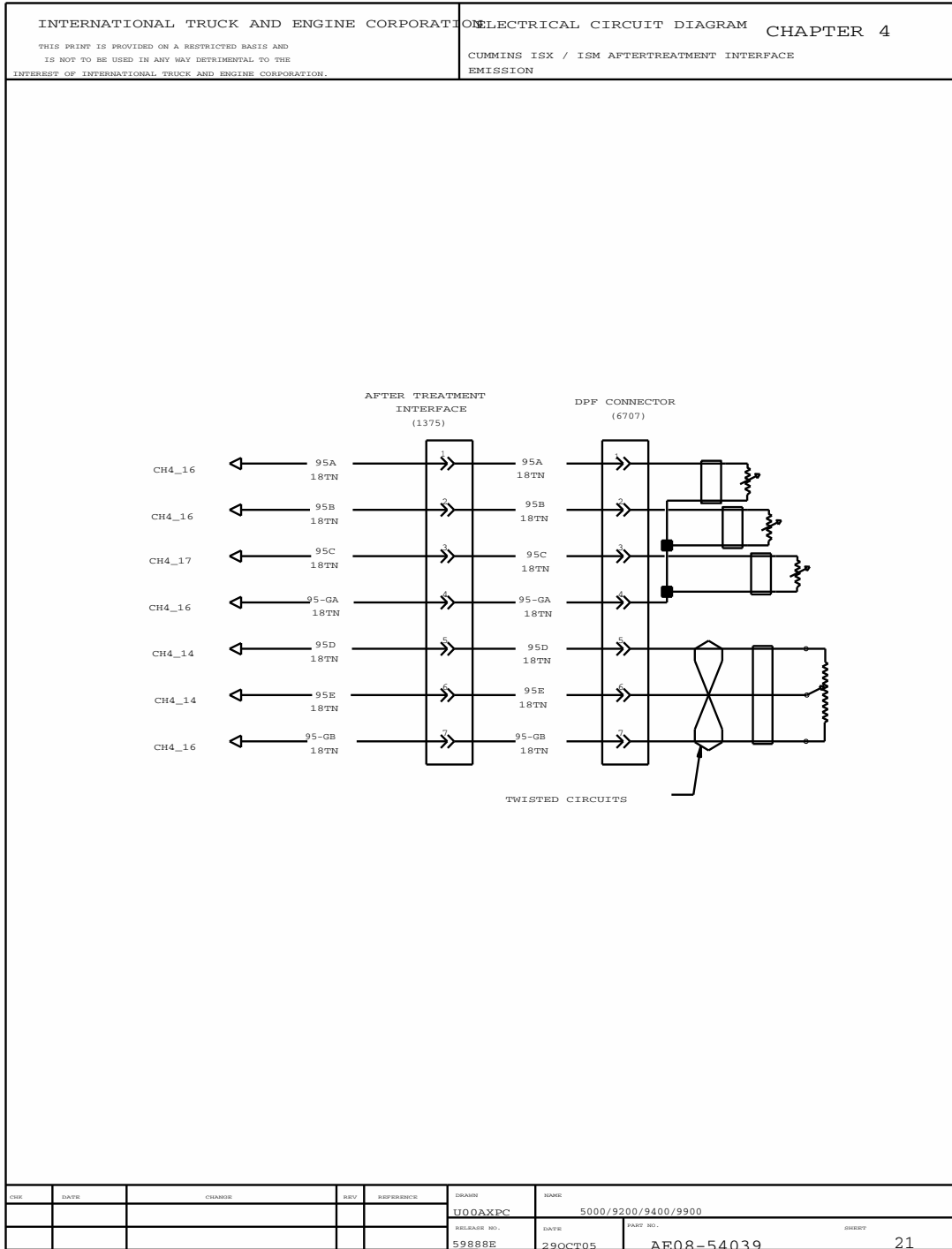


Figure 56 Cummins ISX / ISM Aftertreatment Interface Emission

4.22. CUMMINS ISX07 / ISM07 ELECTRONIC ENGINE CONTROL, P. 22

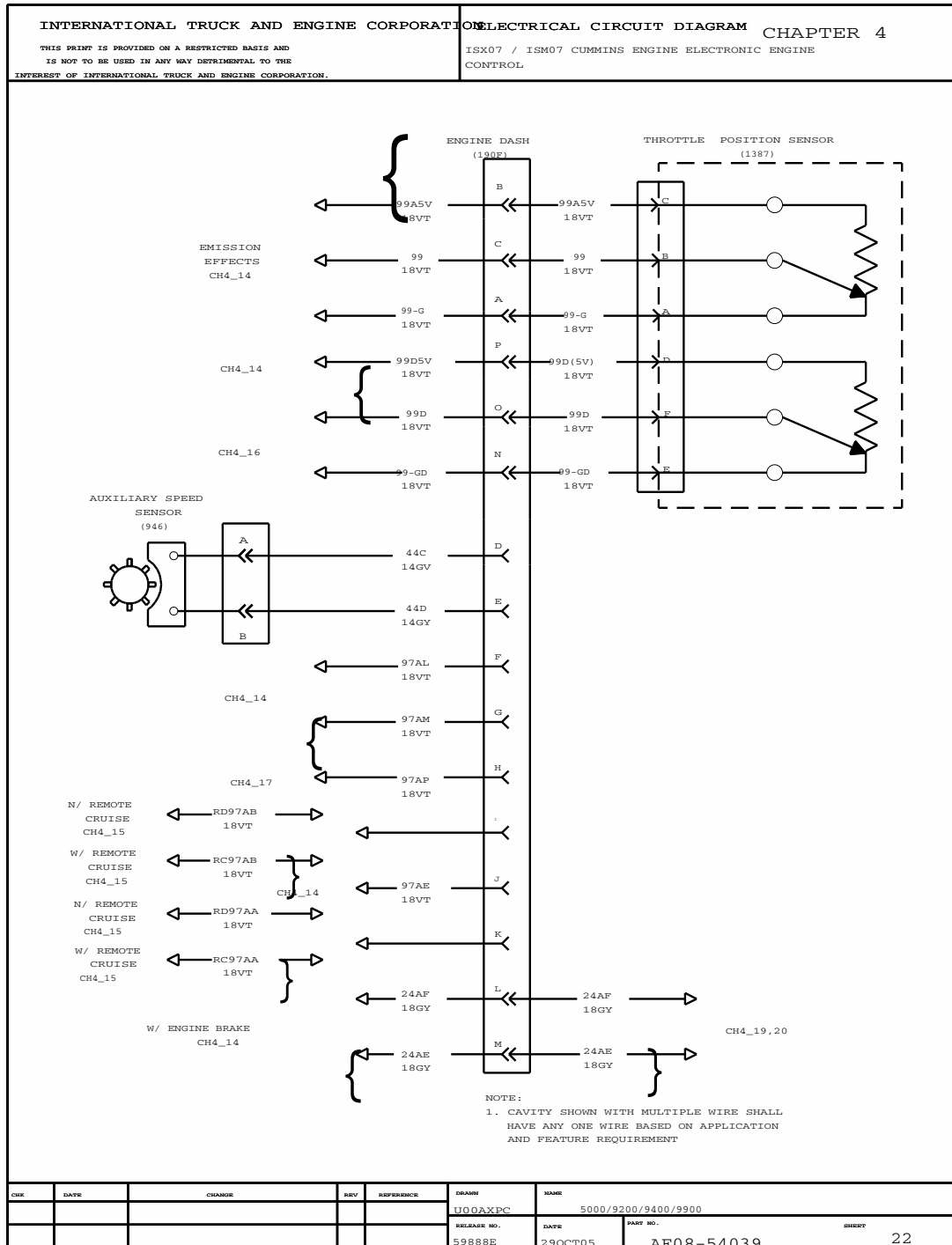


Figure 57 Cummins ISX07 / ISM07 Electronic Engine Control

4.23. CUMMINS ISX07 / ISM07 ELECTRONIC ENGINE CONTROL, P. 23

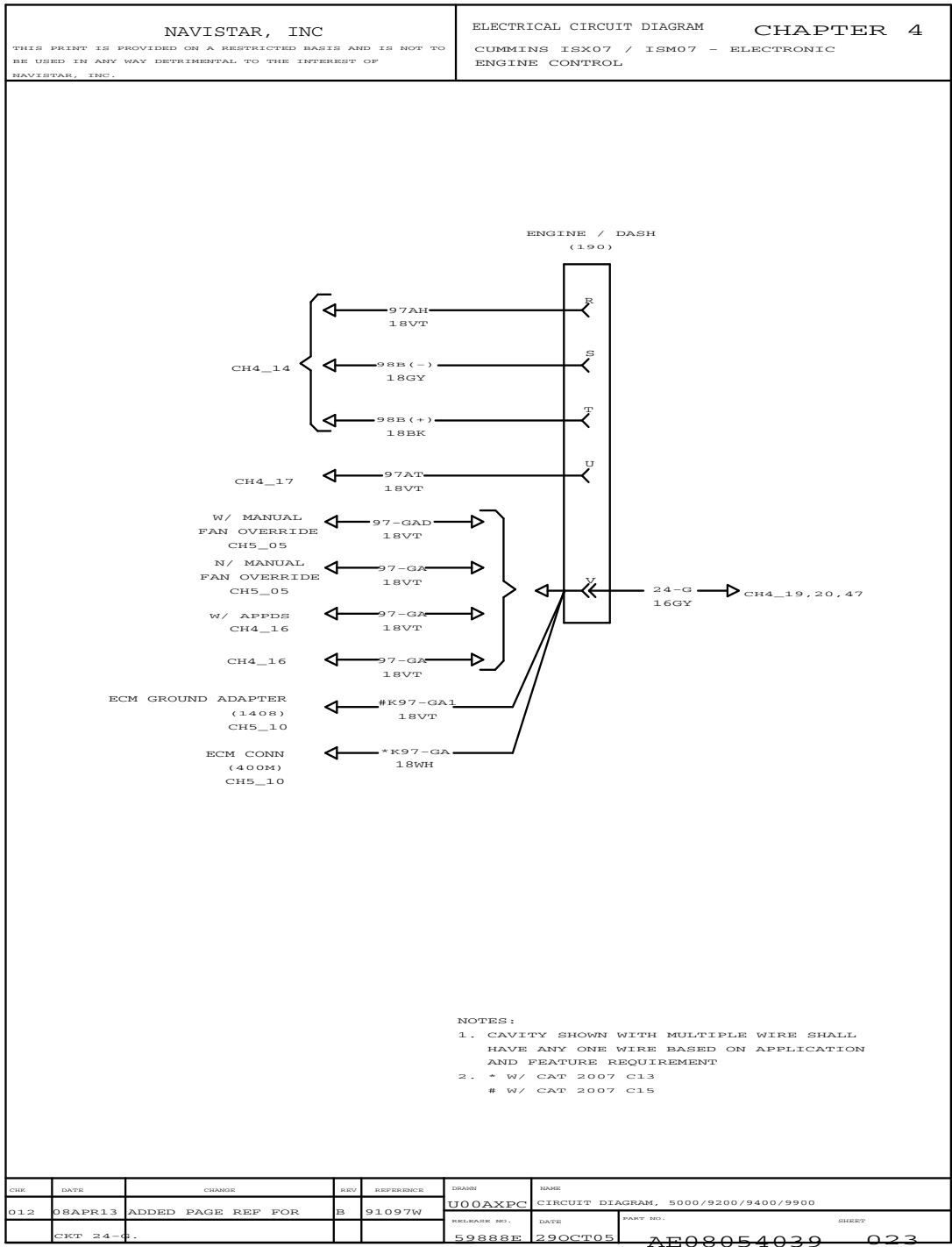


Figure 58 Cummins ISX07 / ISM07 Electronic Engine Control

4.24. CUMMINS ISX07 / ISM07 PRIMING PUMP, P. 24

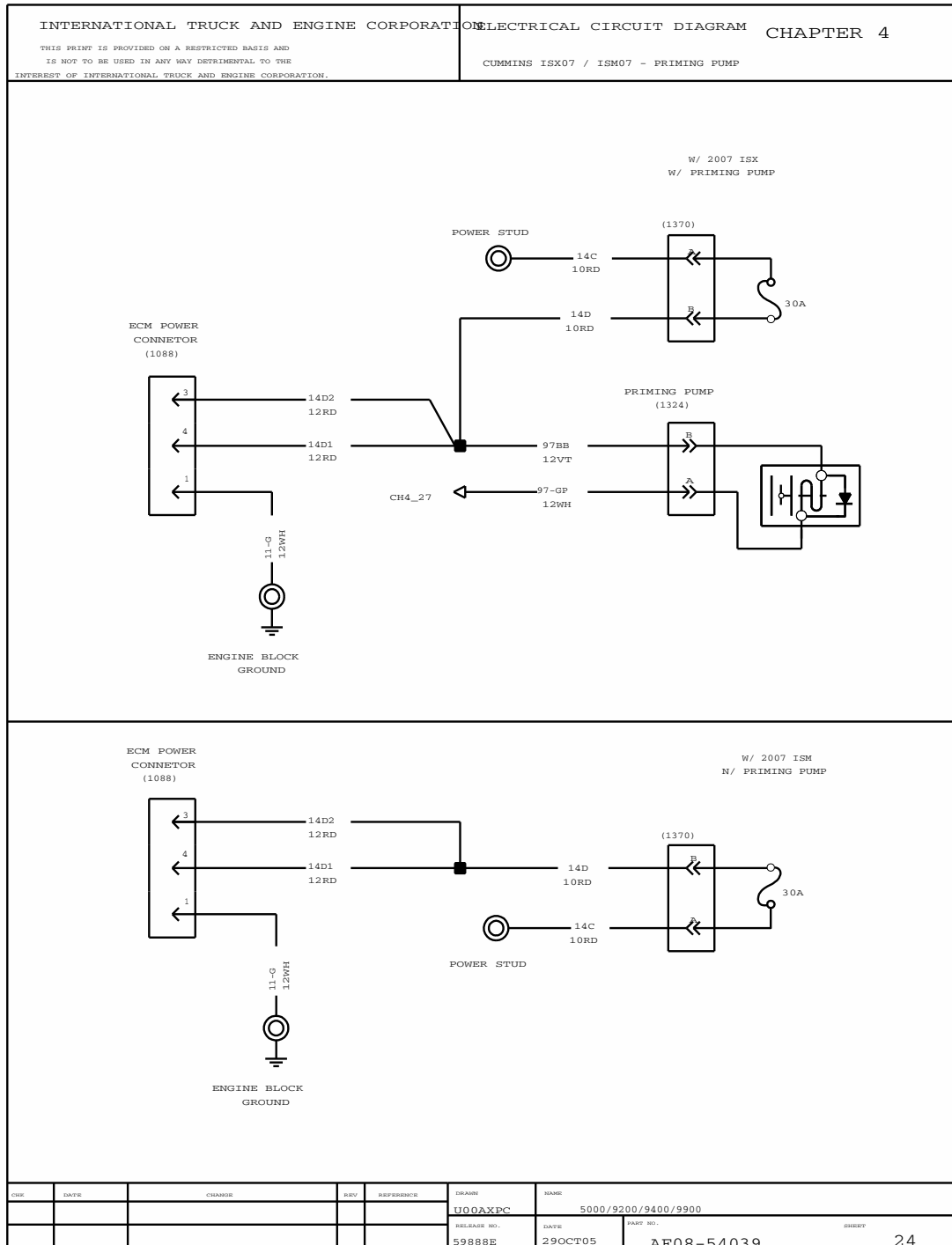


Figure 59 Cummins ISX07 / ISM07 Priming Pump

4.25. CUMMINS ISX07 / ISM07 ELECTRONIC ENGINE CONTROL, P. 25

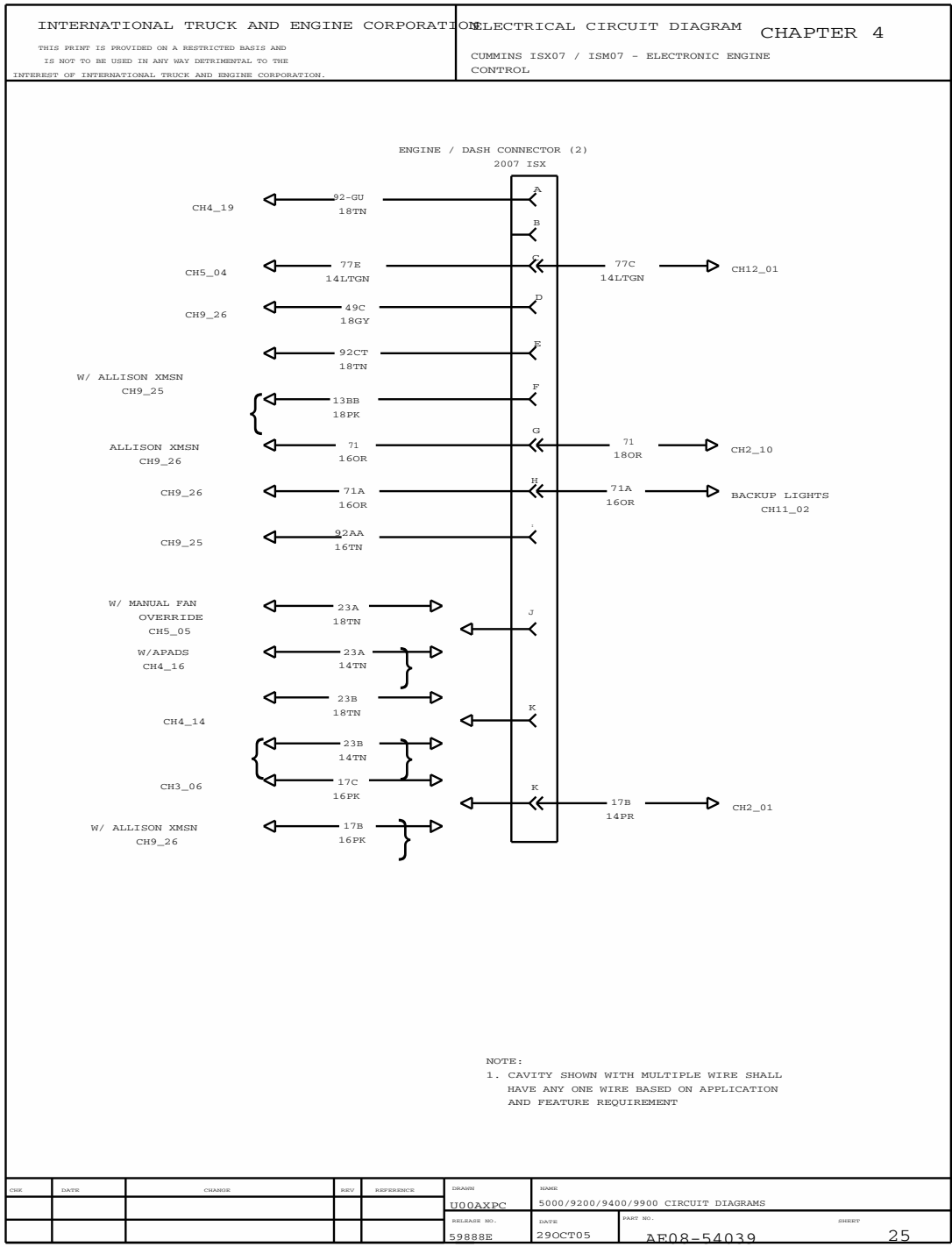


Figure 60 Cummins ISX07 / ISM07 Electronic Engine Control

4.26. CUMMINS ISX07 / ISM07 ELECTRONIC ENGINE CONTROL, P. 26

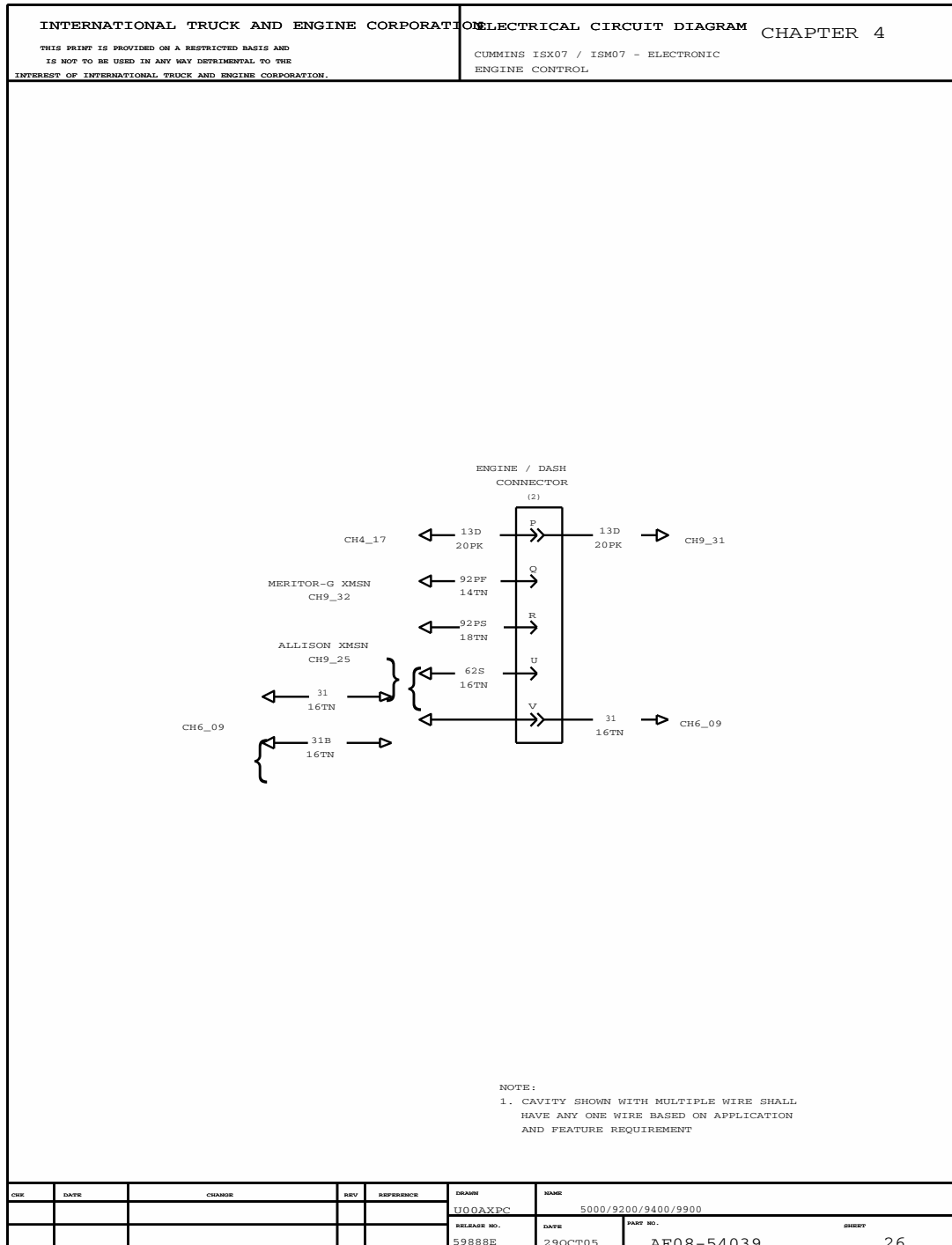


Figure 61 Cummins ISX07 / ISM07 Electronic Engine Control

4.27. CUMMINS ISX07 / ISM07 ENGINE BLOCK GROUND ADAPTER, P. 27

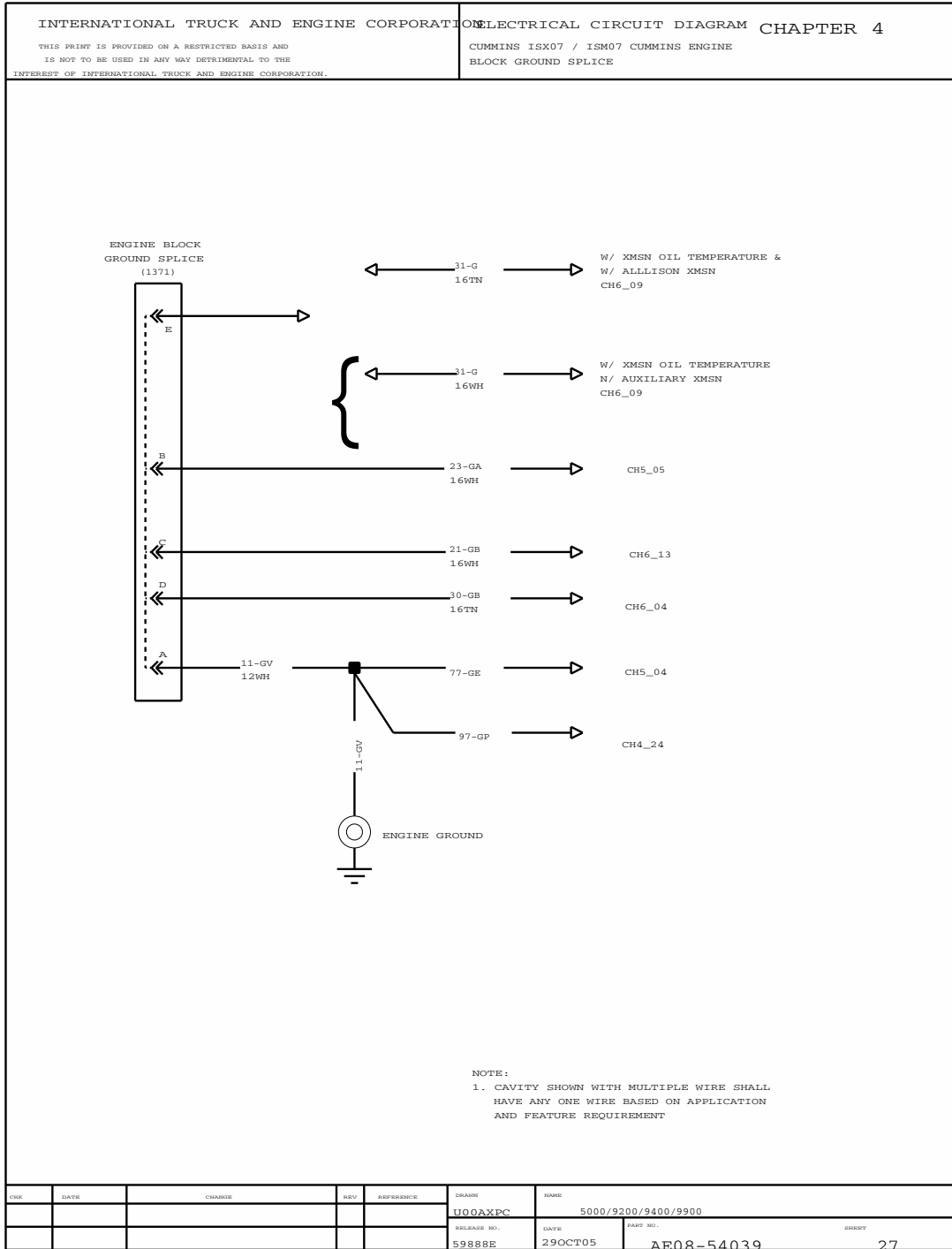


Figure 62 Cummins ISX07 / ISM07 Engine Block Ground Adapter

4.28. CUMMINS ISL – INTAKE HEATER, P. 28

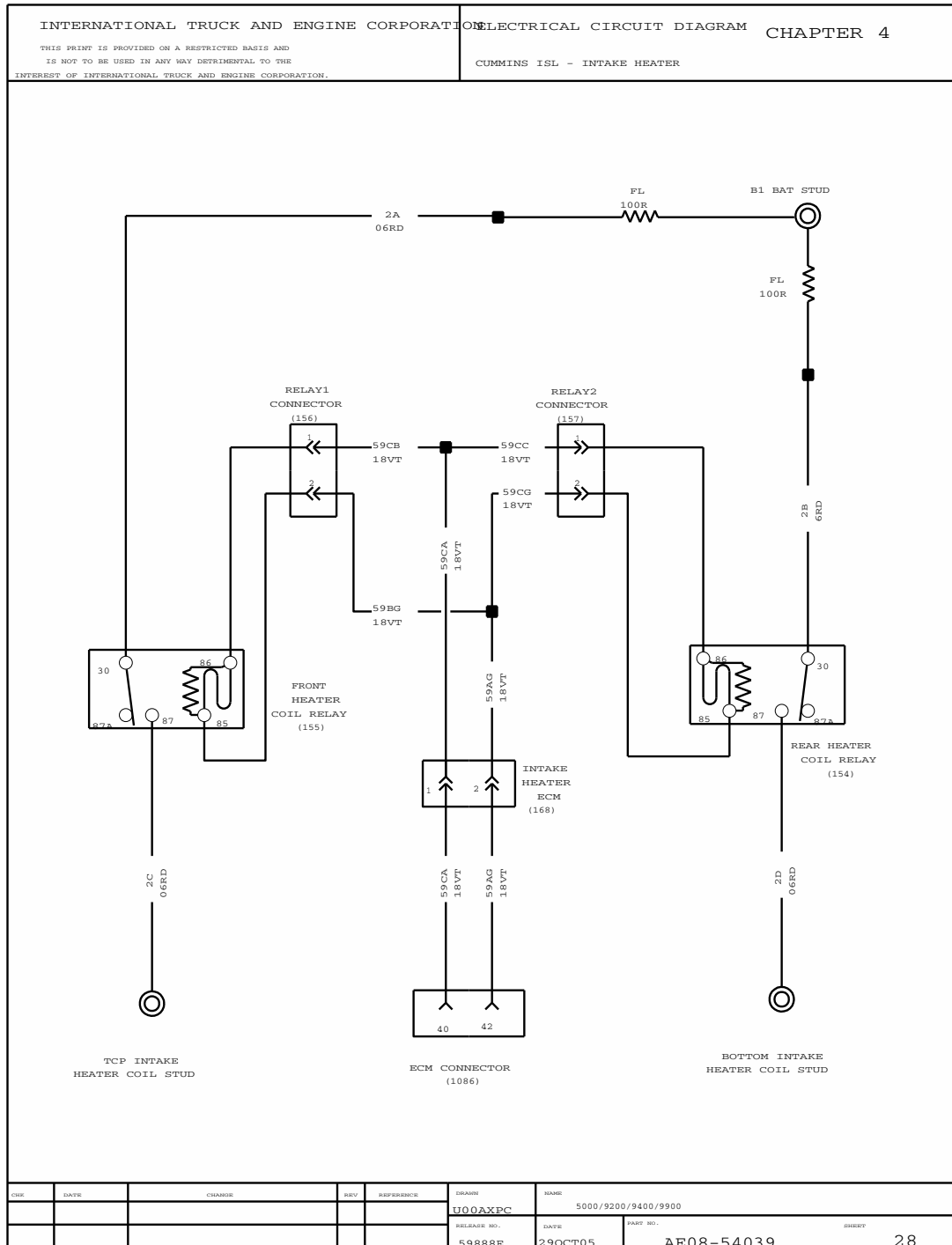


Figure 63 Cummins ISL – Intake Heater

4.29. AFTERTREATMENT CONTROL, P. 29

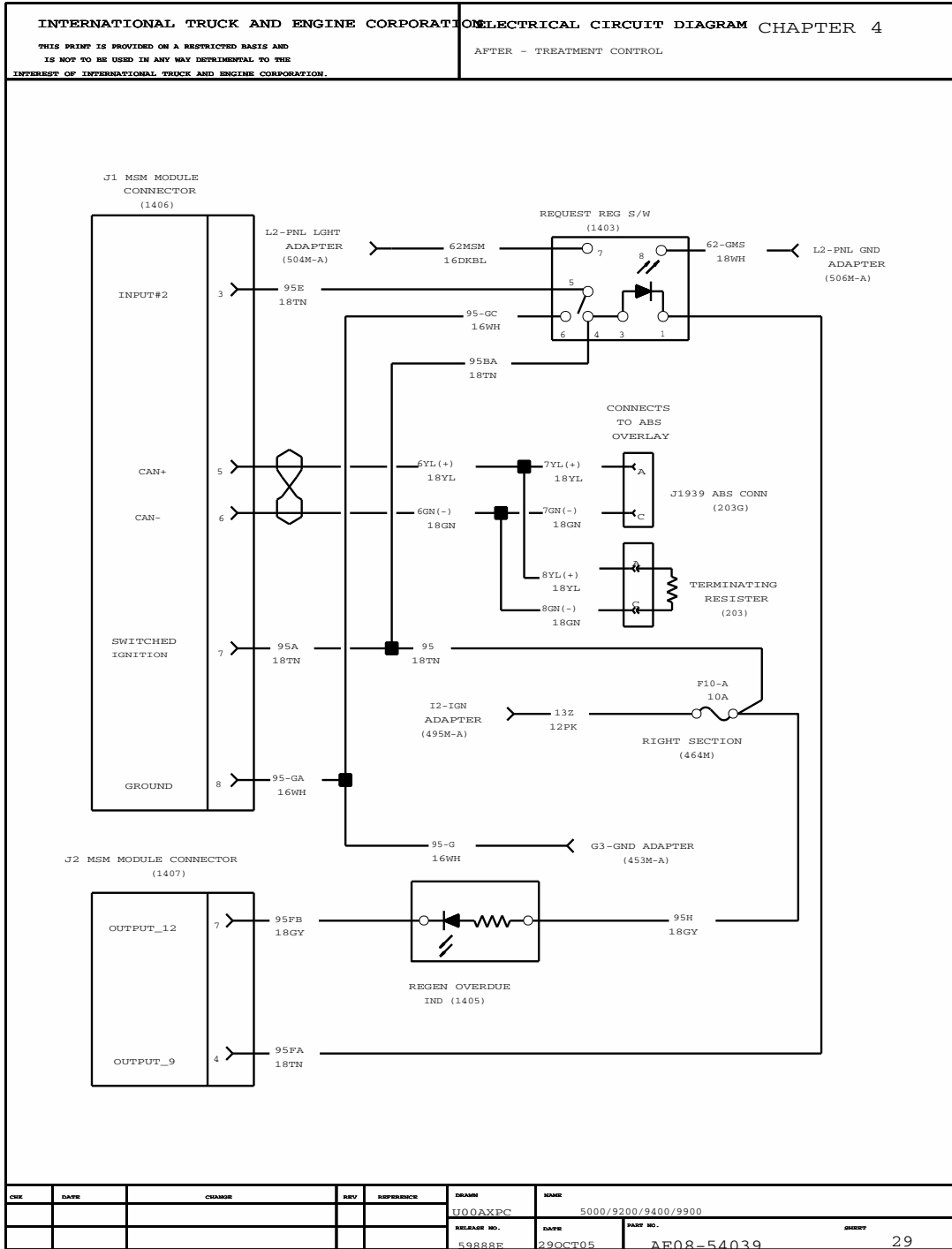


Figure 64 Aftertreatment Control

4.30. AFTERTREATMENT CONTROL, P. 36

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 4 AFTER - TREATMENT CONTROL			
REMOVED GEOMETRY							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA	14JUN06	REMOVED GEOMETRY	A	59888E	U00AXPC	5000/9200/9400/9900	
					RELEASE NO.	DATE	
					59988Z	30DEC05	
					PART NO.	SHEET	
					AE08-54039	36	

Figure 65 Aftertreatment Control

4.31. 2007 CAT NO IDLE ENGINE SHUTDOWN SYSTEM, P. 37

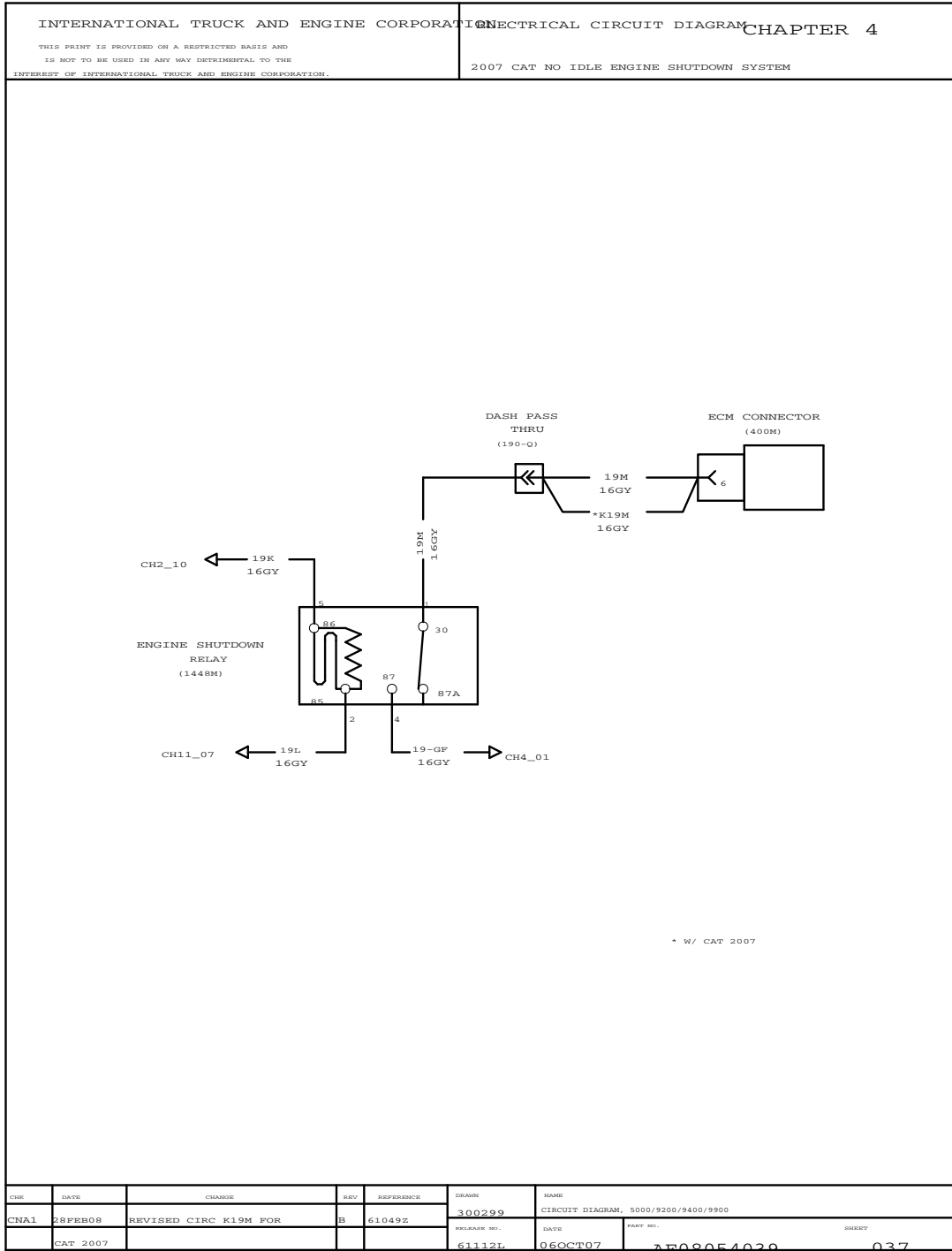


Figure 66 2007 CAT No Idle Engine Shutdown System

4.32. AFTERTREATMENT CONTROL CAT 2007, P. 38

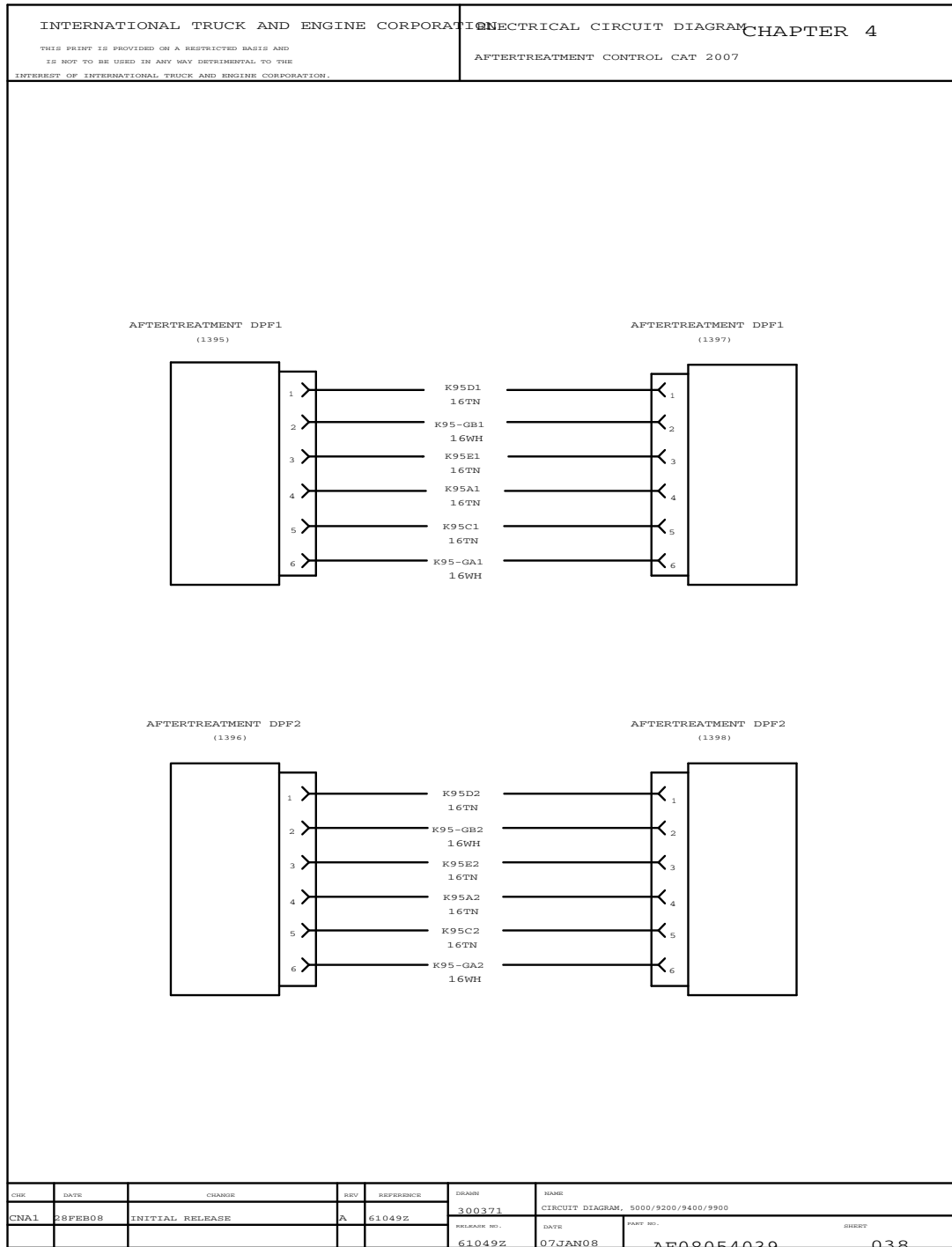


Figure 67 Aftertreatment Control Cat 2007

4.33. IBB 15L ELECTRONIC ENGINE CONTROL, P. 39

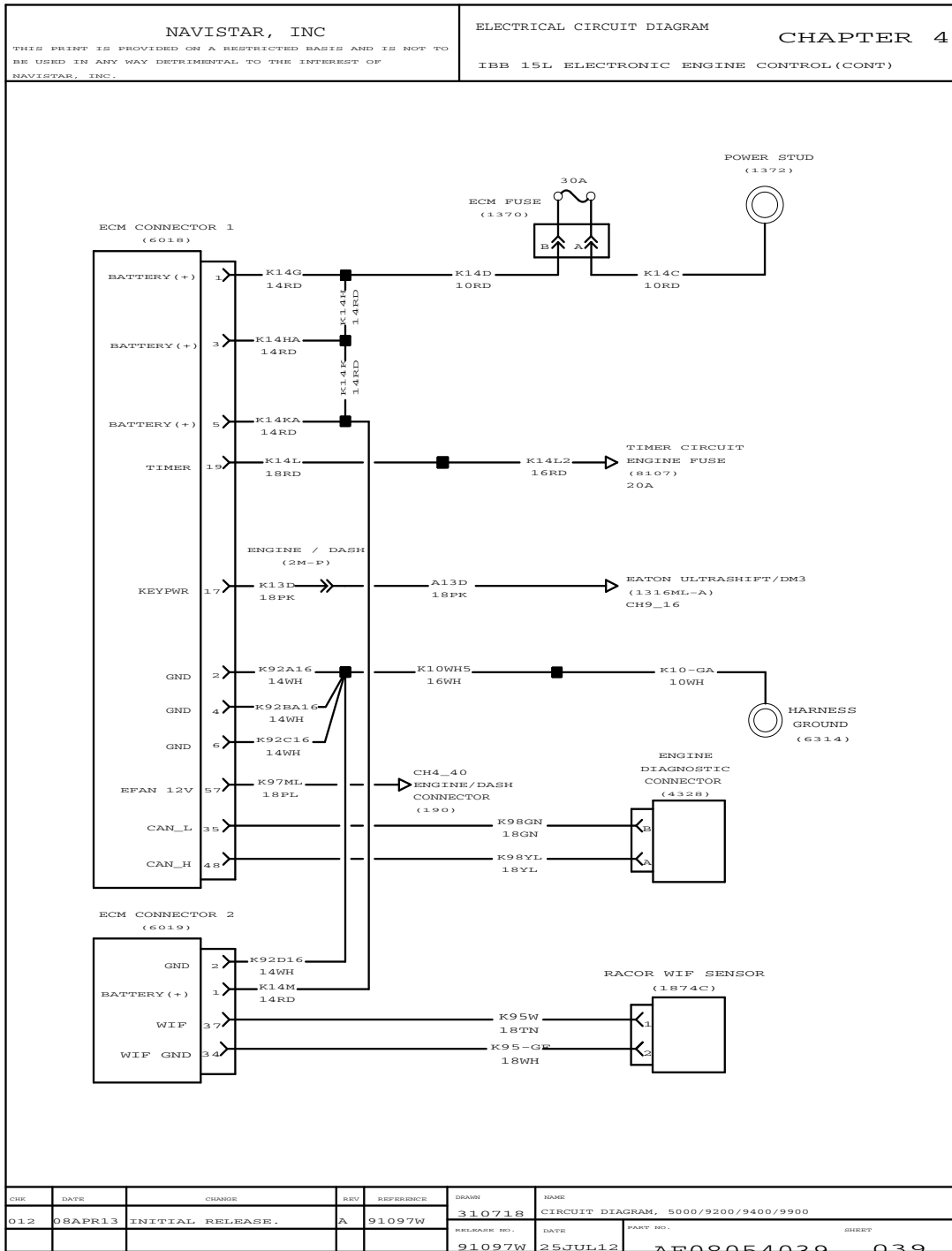


Figure 68 IBB 15L Electronic Engine Control

4.34. IBB 15L ELECTRONIC ENGINE CONTROL (CONT.), P. 40

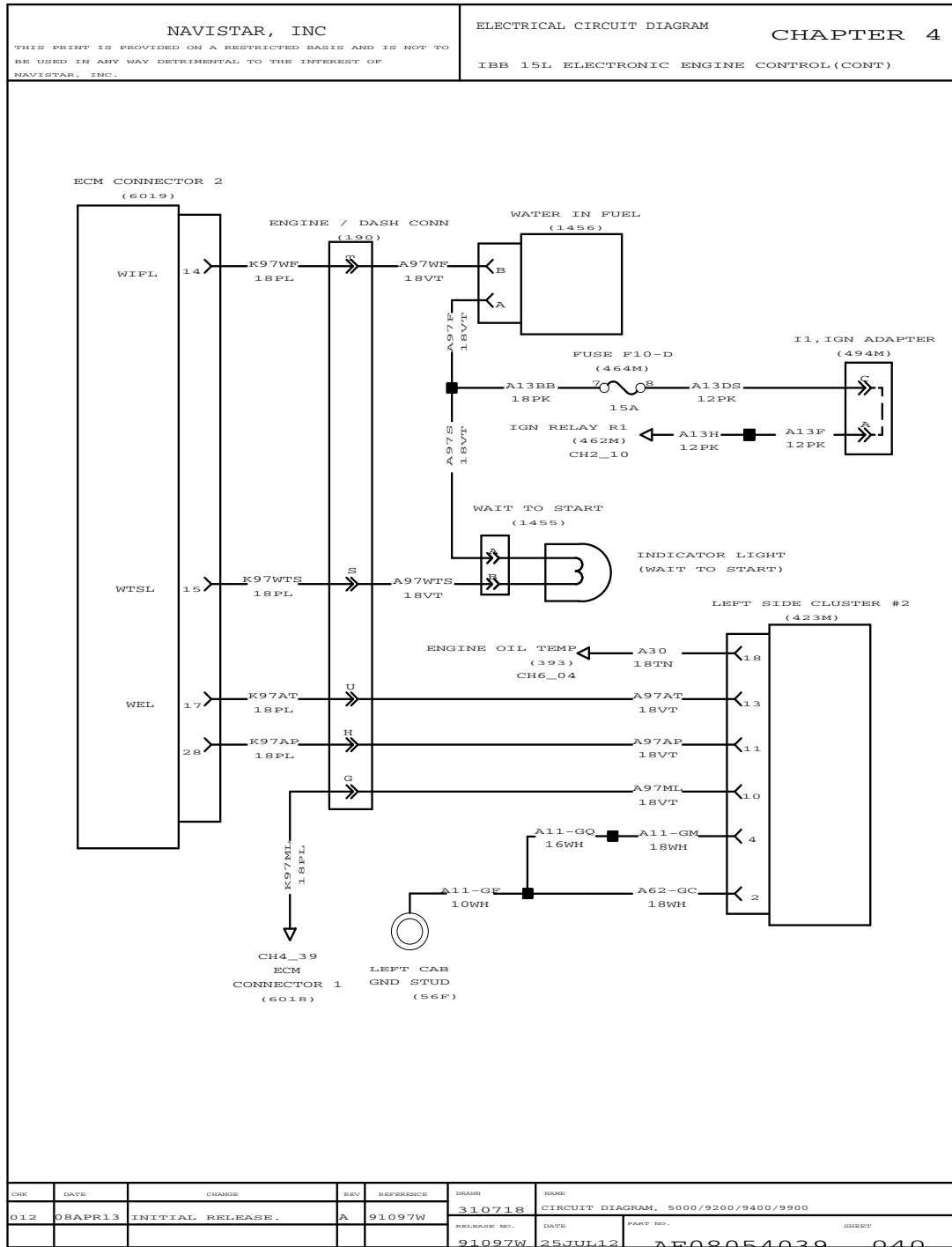


Figure 69 IBB 15L Electronic Engine Control (Cont.)

4.35. IBB 15L ELECTRONIC ENGINE CONTROL (CONT.), P. 41

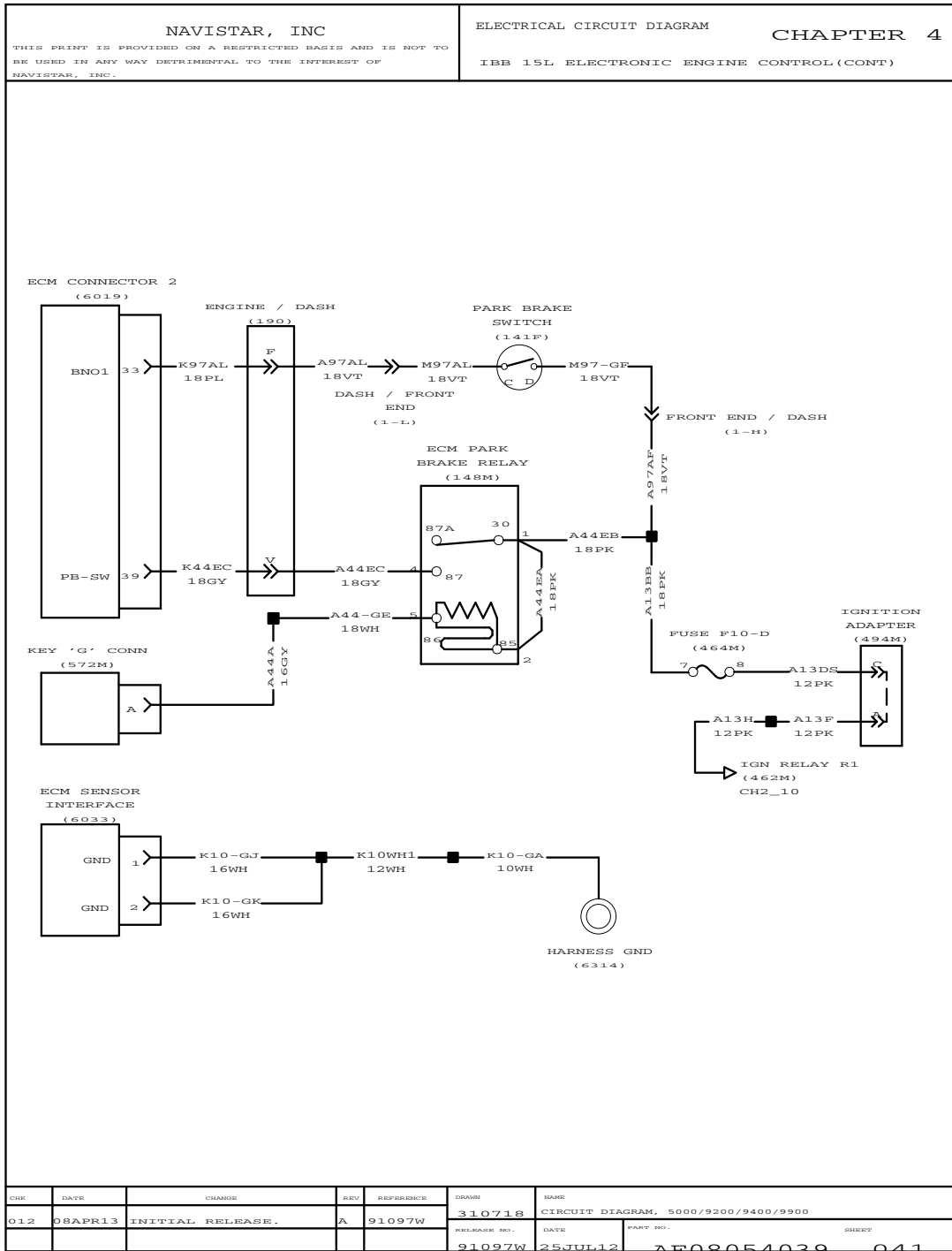


Figure 70 IBB 15L Electronic Engine Control (Cont.)

4.36. IBB 15L ELECTRONIC ENGINE CONTROL (CONT.), P. 42

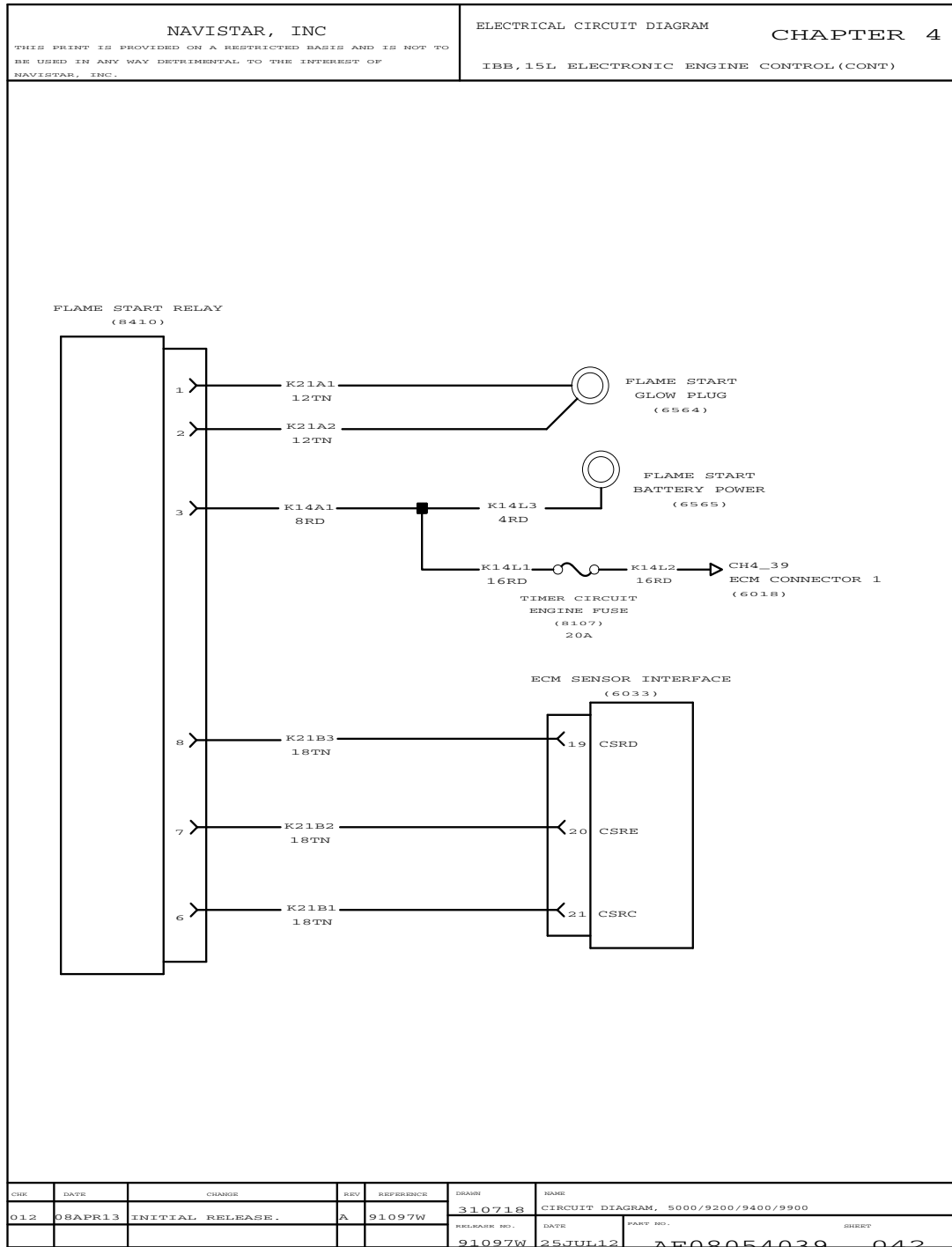


Figure 71 IBB 15L Electronic Engine Control (Cont.)

4.37. CRUISE CONTROL, 15L IBB ENGINE, P. 43

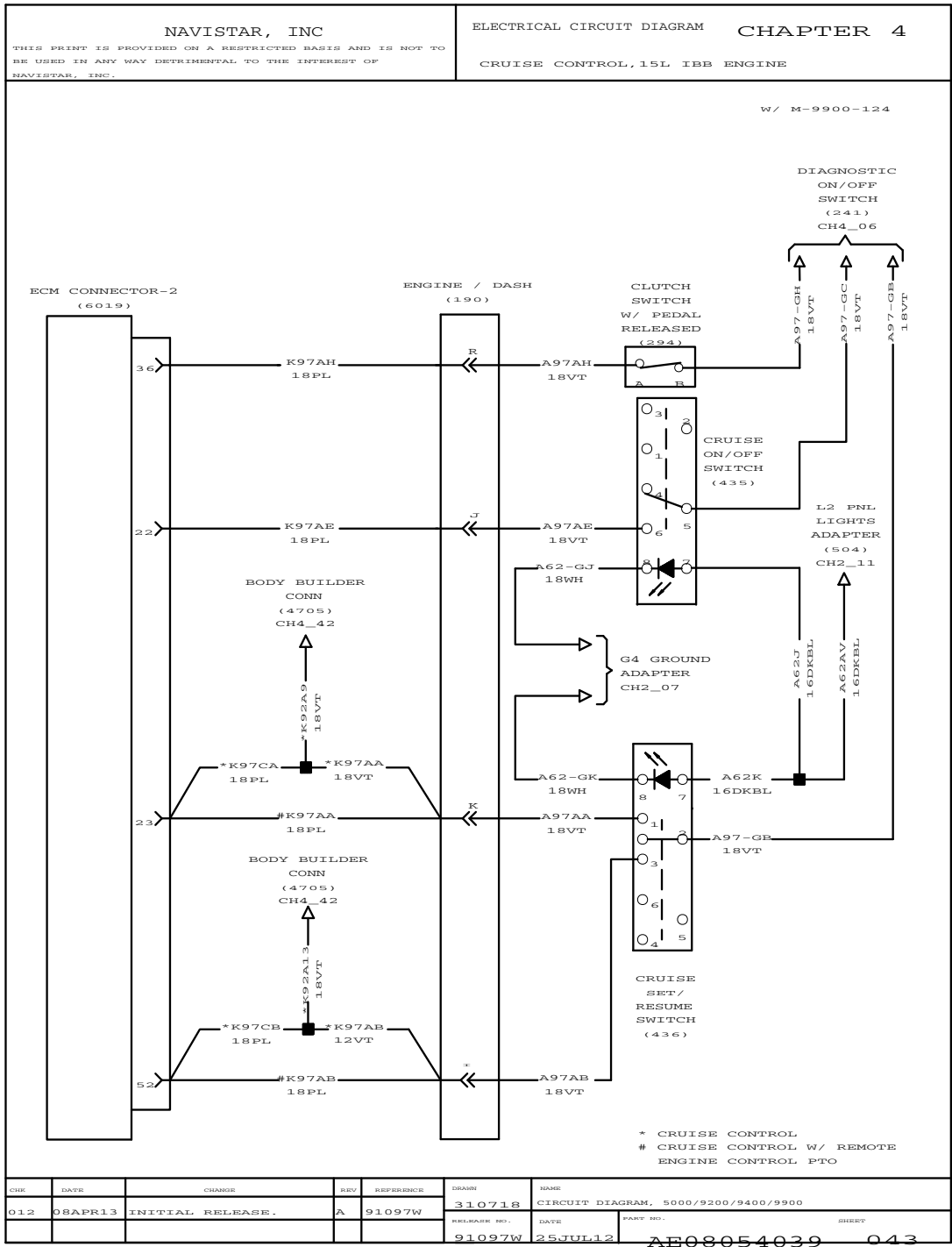


Figure 72 Cruise Control, 15L IBB Engine

4.38. CRUISE CONTROL WITH REMOTE ENGINE CONTROL PTO, 15L IBB ENGINE, P. 44

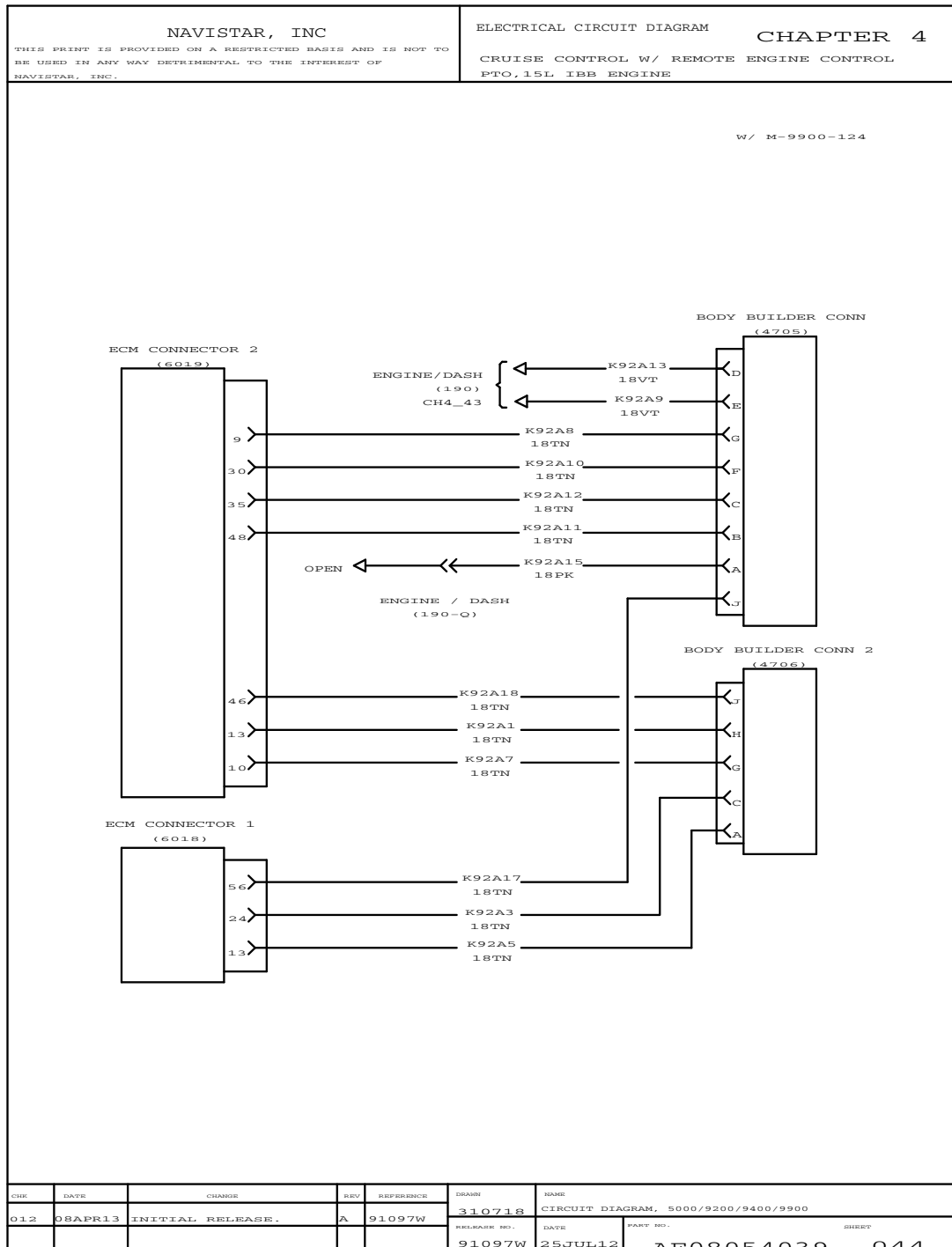


Figure 73 Cruise Control with Remote Engine Control PTO, 15L IBB Engine

4.39. AFTERTREATMENT CONTROL, 15L IBB ENGINE, P. 45

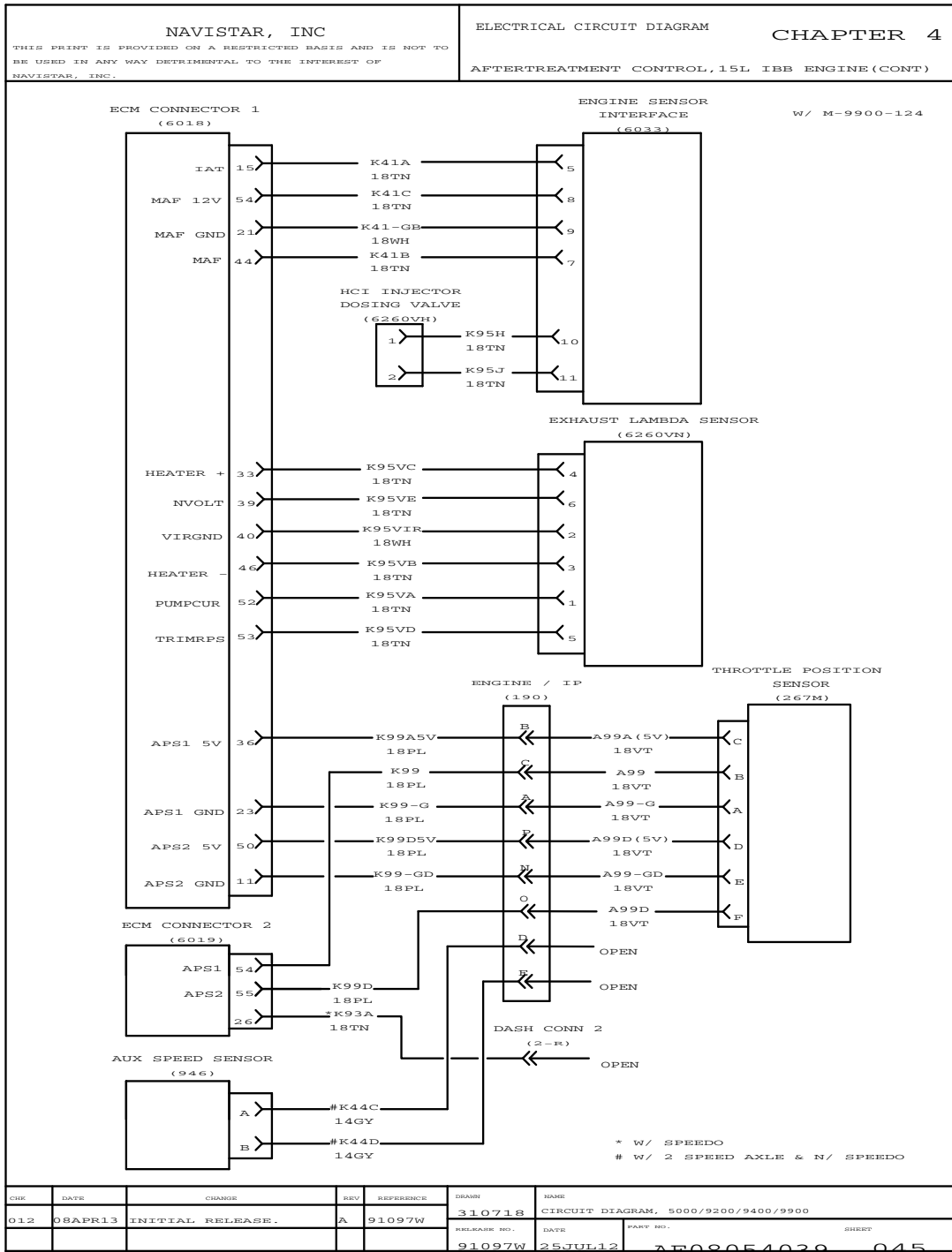


Figure 74 Aftertreatment Control, 15L IBB Engine

4.40. AFTERTREATMENT CONTROL, 15L IBB ENGINE (CONT.), P. 46

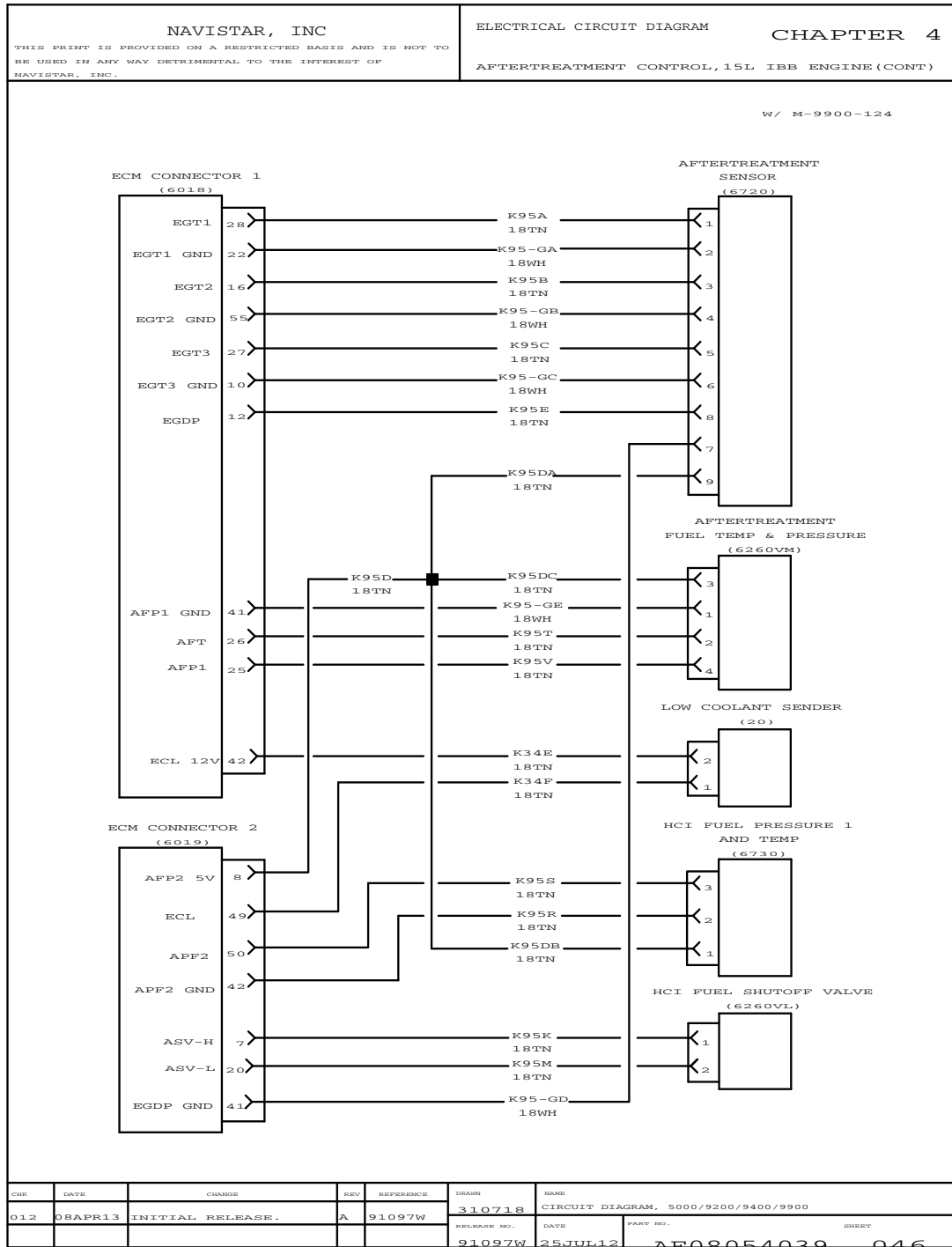


Figure 75 Aftertreatment Control, 15L IBB Engine (Cont.)

4.41. ENGINE BRAKE, 15L IBB ENGINE, P. 47

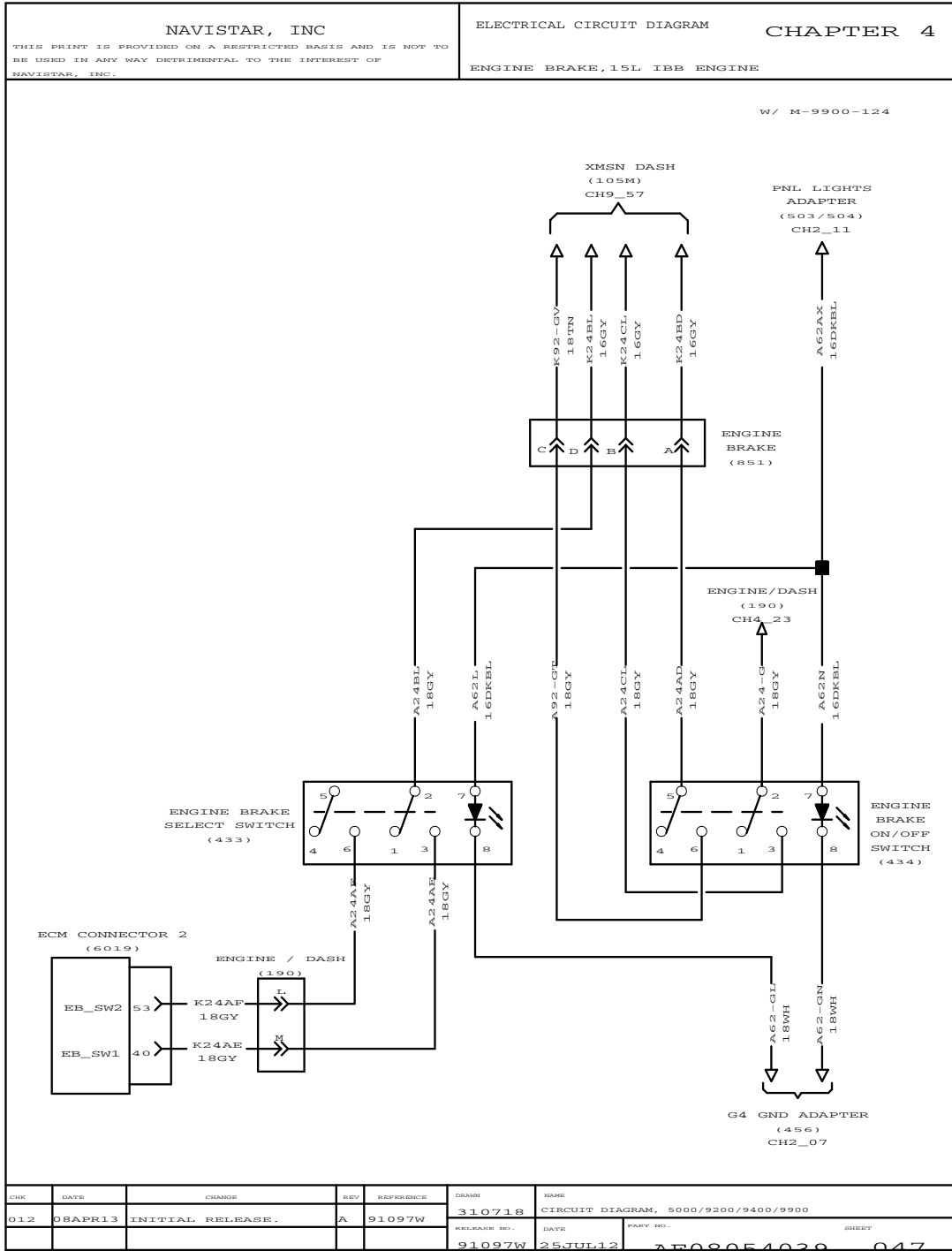


Figure 76 Engine Brake, 15L IBB Engine

5.2. HORTON AND KYSOR ENGINE FAN WITH CUMMINS ISM, ISX WITH AND WITHOUT A/C, WITH AND WITHOUT MANUAL FAN OVERRIDE SWITCH, P. 2

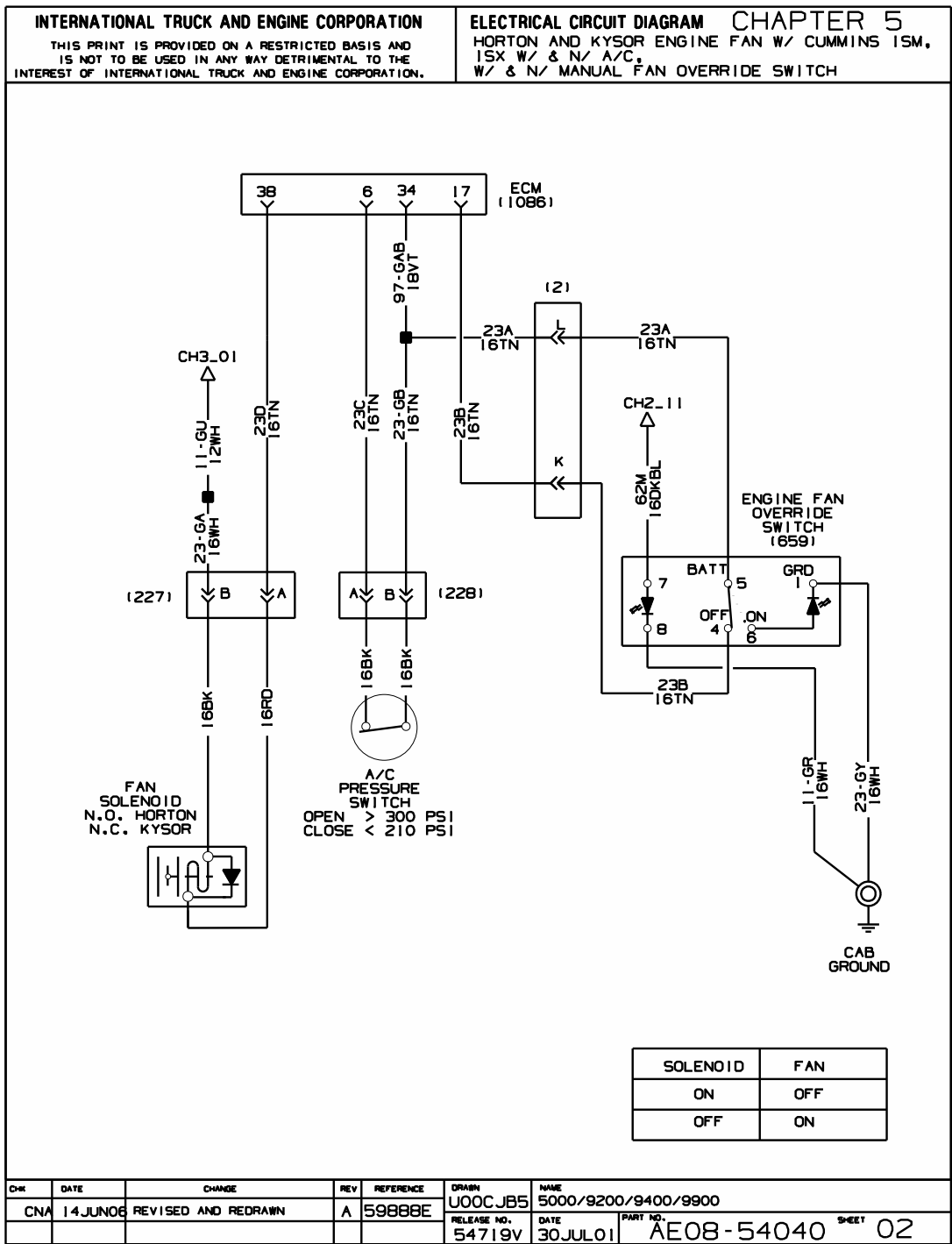


Figure 78 Horton and Kysor Engine Fan With Cummins ISM, ISX with and without A/C, with and without Manual Fan Override Switch

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

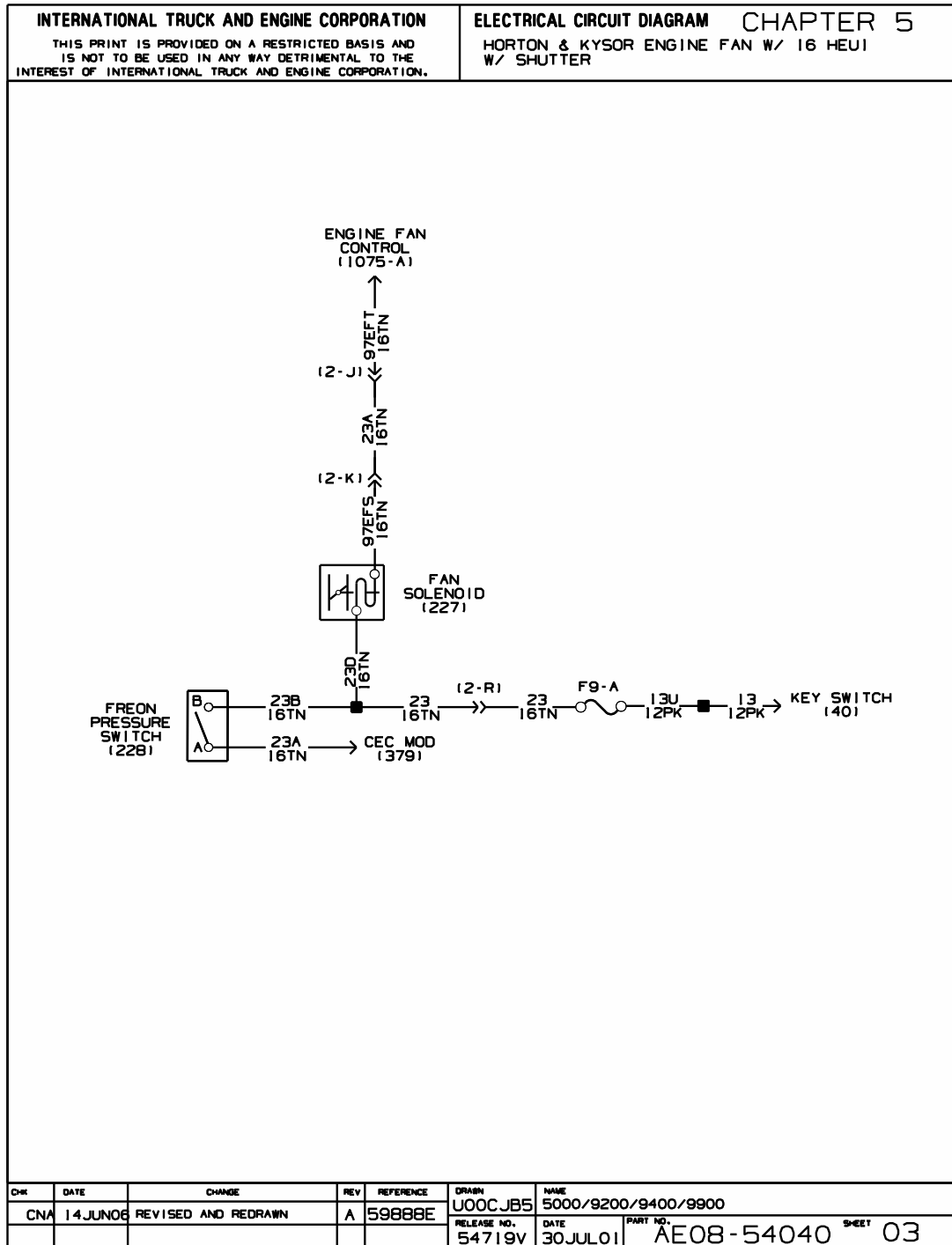


Figure 79 Horton and Kysor Engine Fan with I6 HEUI Engines with Shutter

5.4. FREON COMPRESSOR, P. 4

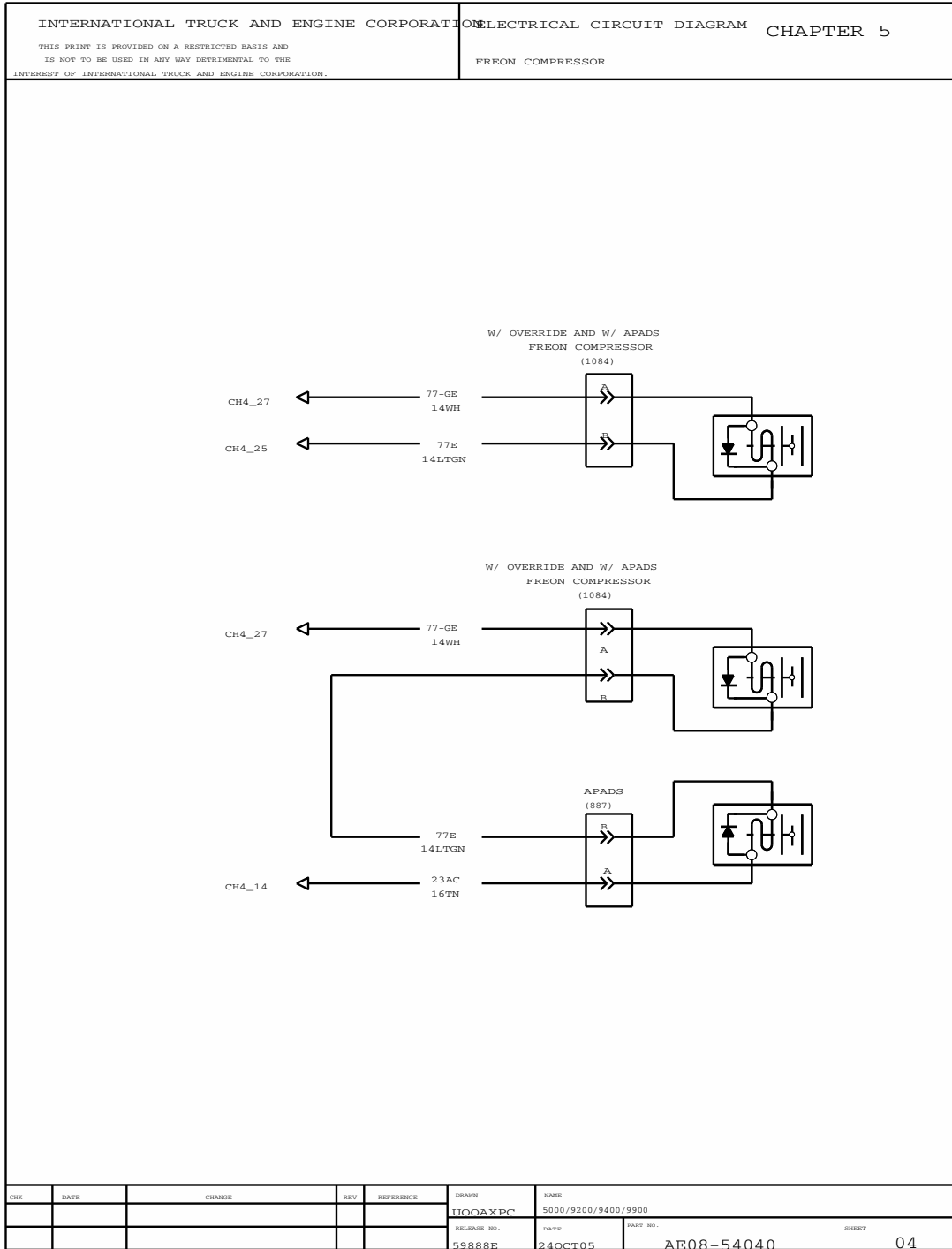


Figure 80 Freon Compressor

5.5. CUMMINS ISM ON / OFF FAN, P. 5

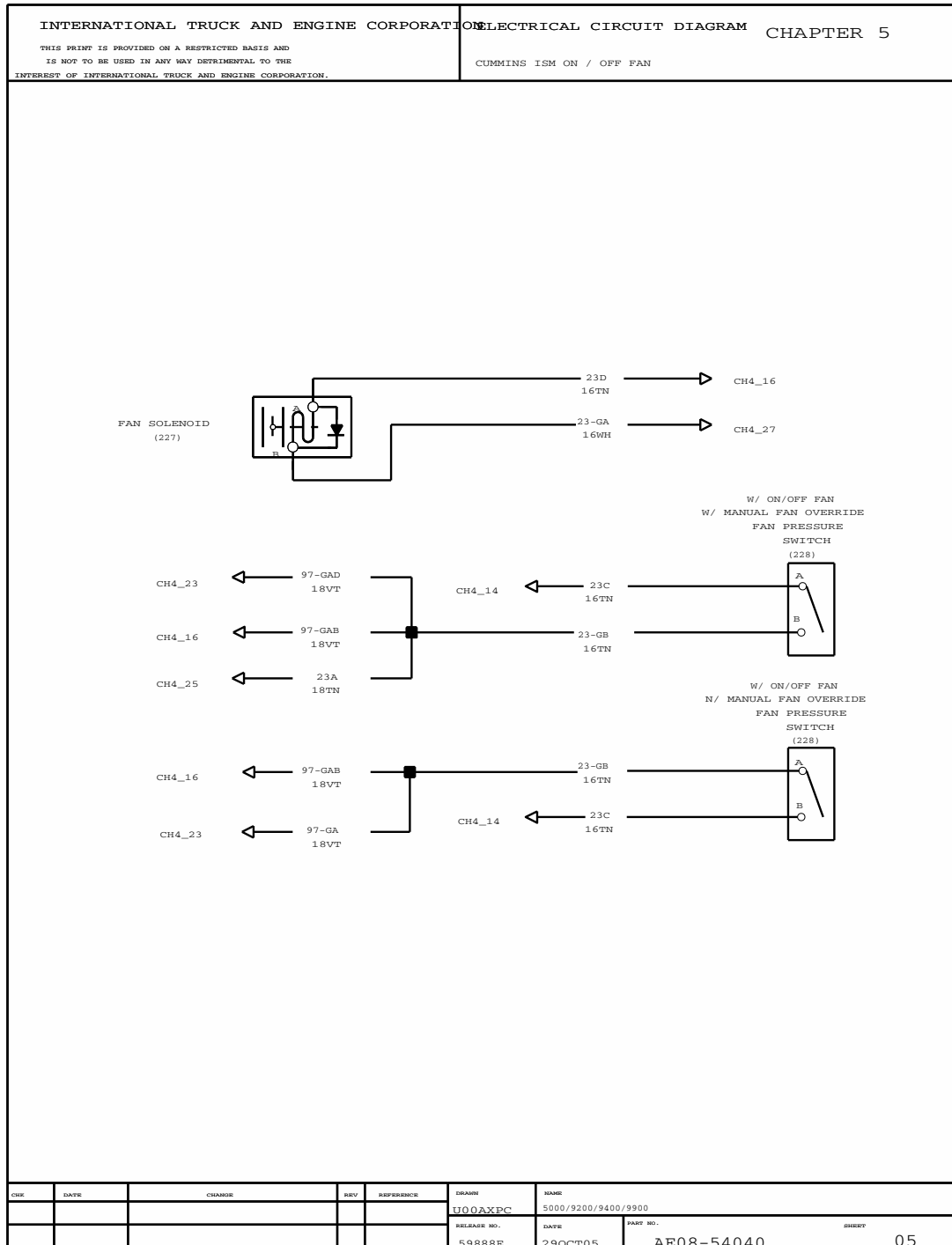


Figure 81 Cummins ISM On / Off Fan

5.6. HORTON AND KYSOR ENGINE FAN WITH CUMMINS ISM, ISX WITH AND WITHOUT A / C, WITH AUTO FAN DRIVE OVERRIDE, P. 6

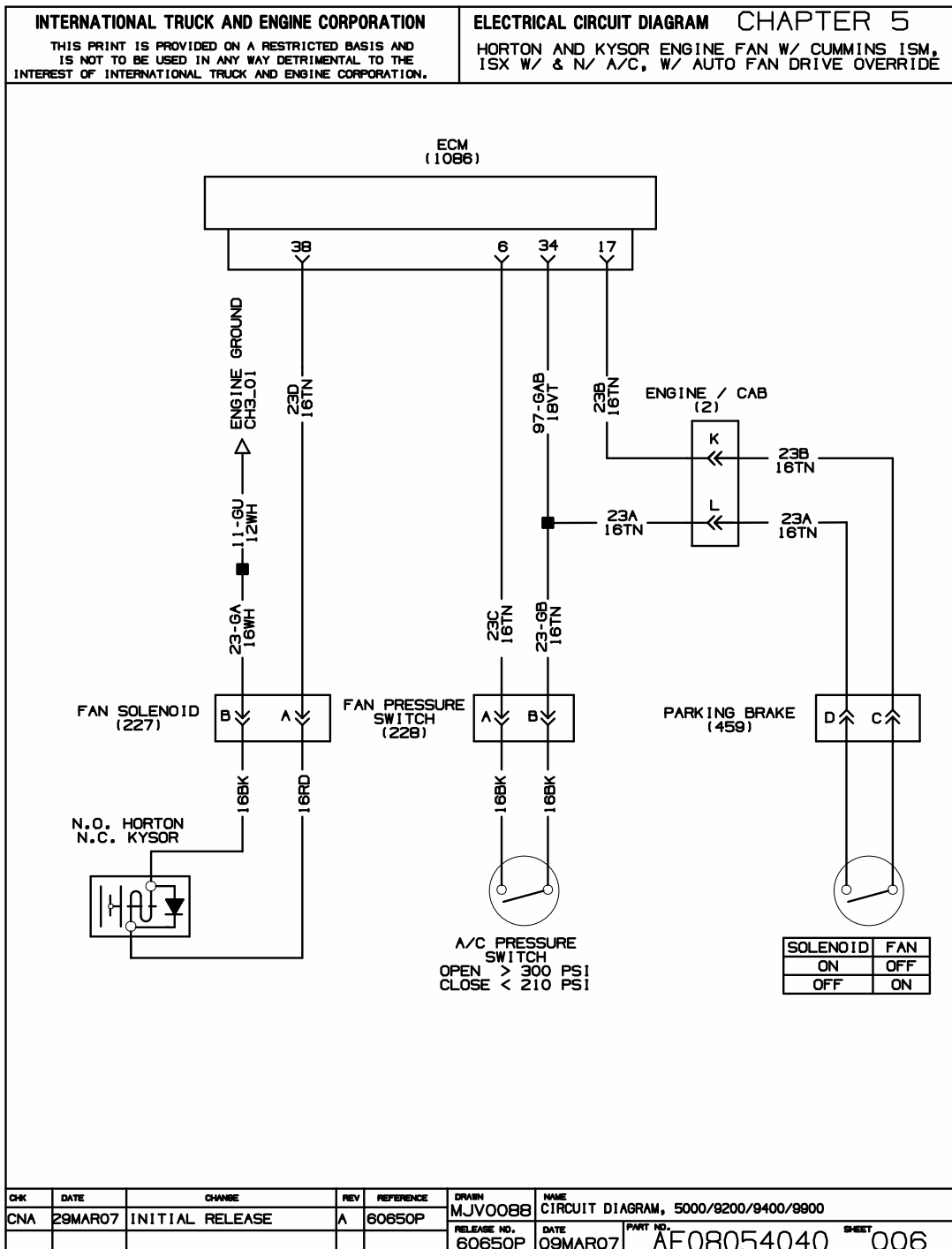


Figure 82 Horton and Kysor Engine Fan with Cummins ISM, ISX with and without A / C, with Auto Fan Drive Override

5.7. ECM CONNECTOR CAT 2007, P. 7

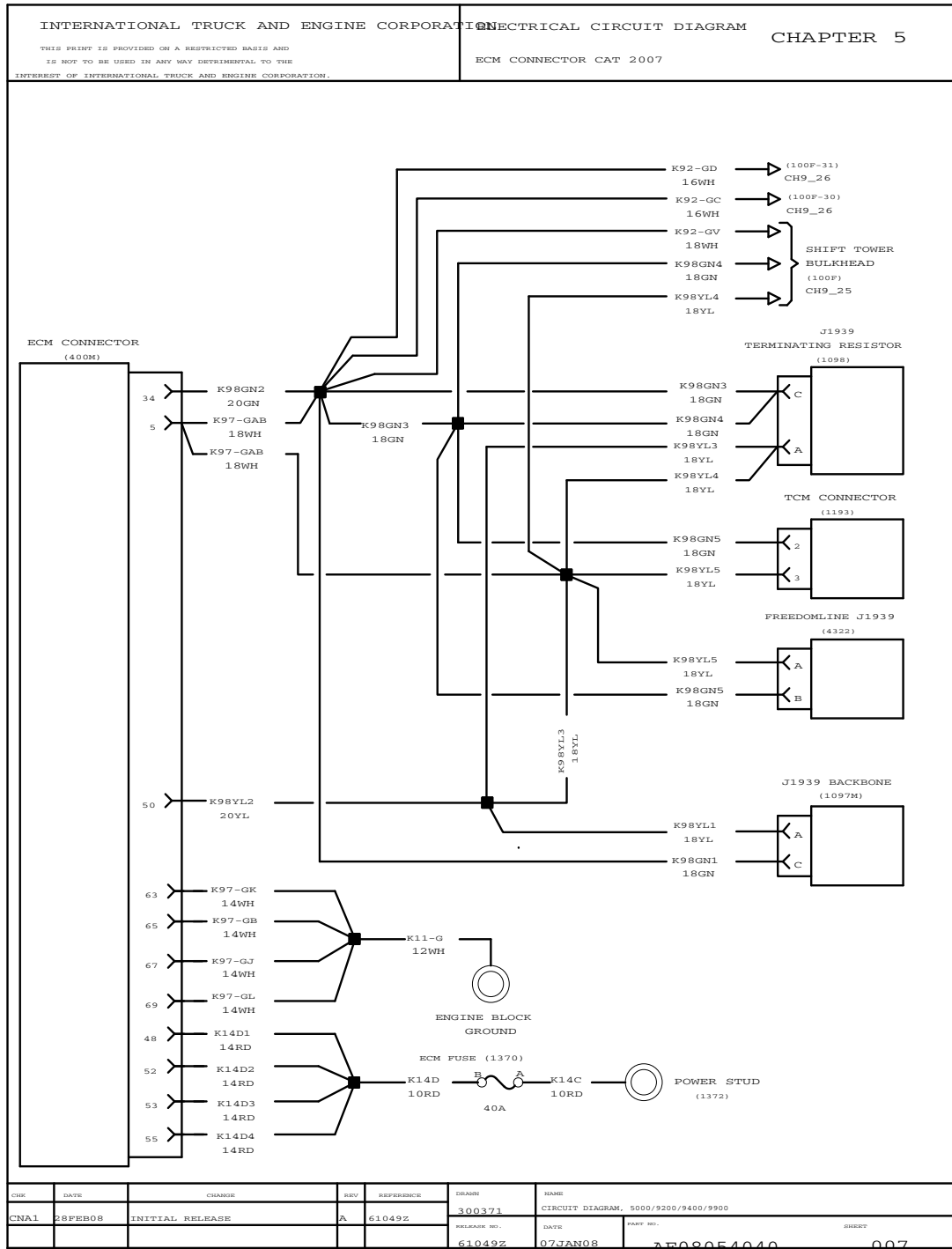


Figure 83 ECM Connector CAT 2007

5.8. ECM CONNECTOR CAT 2007, P. 8

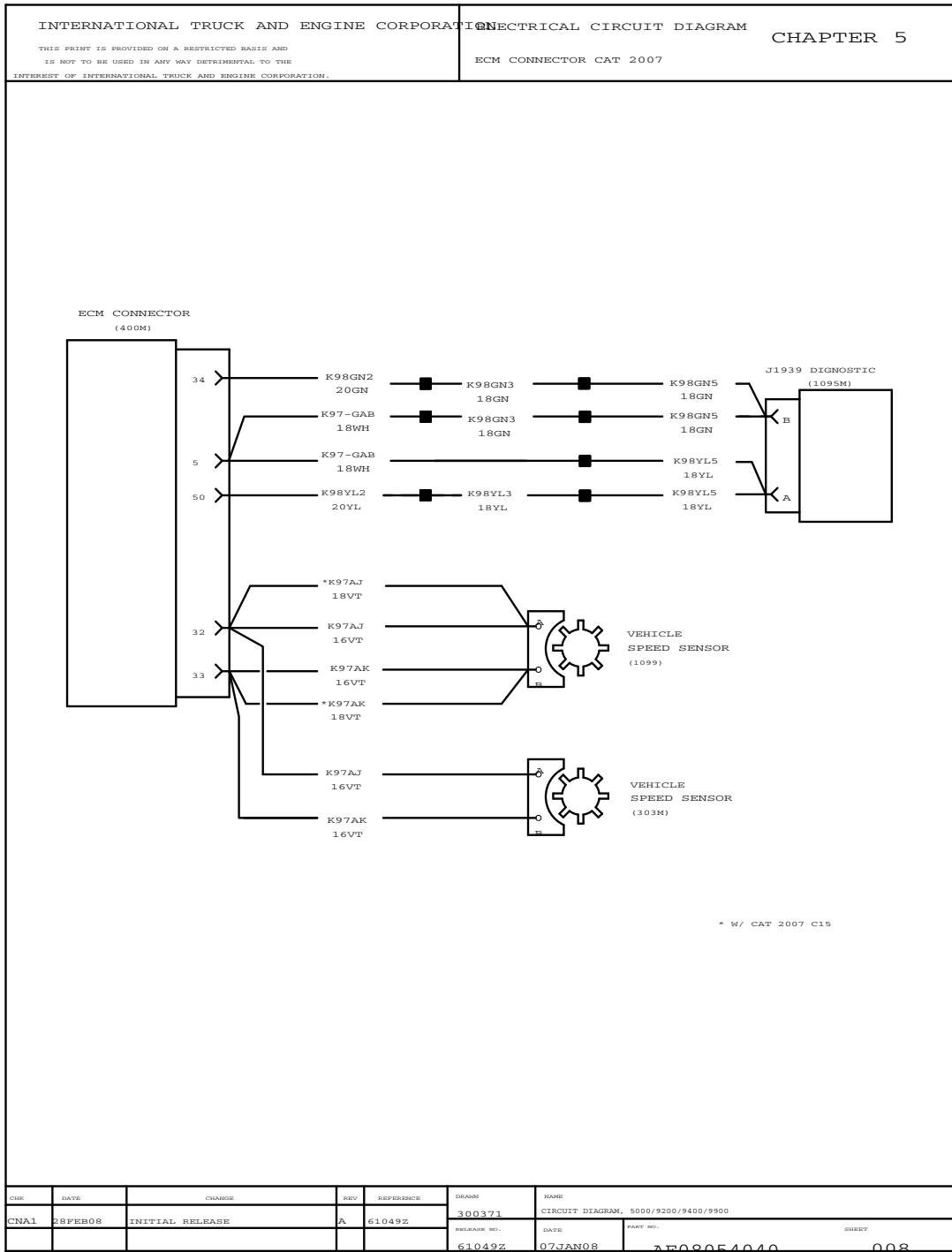


Figure 84 ECM Connector CAT 2007

5.9. ECM CONNECTOR CAT 2007, P. 9

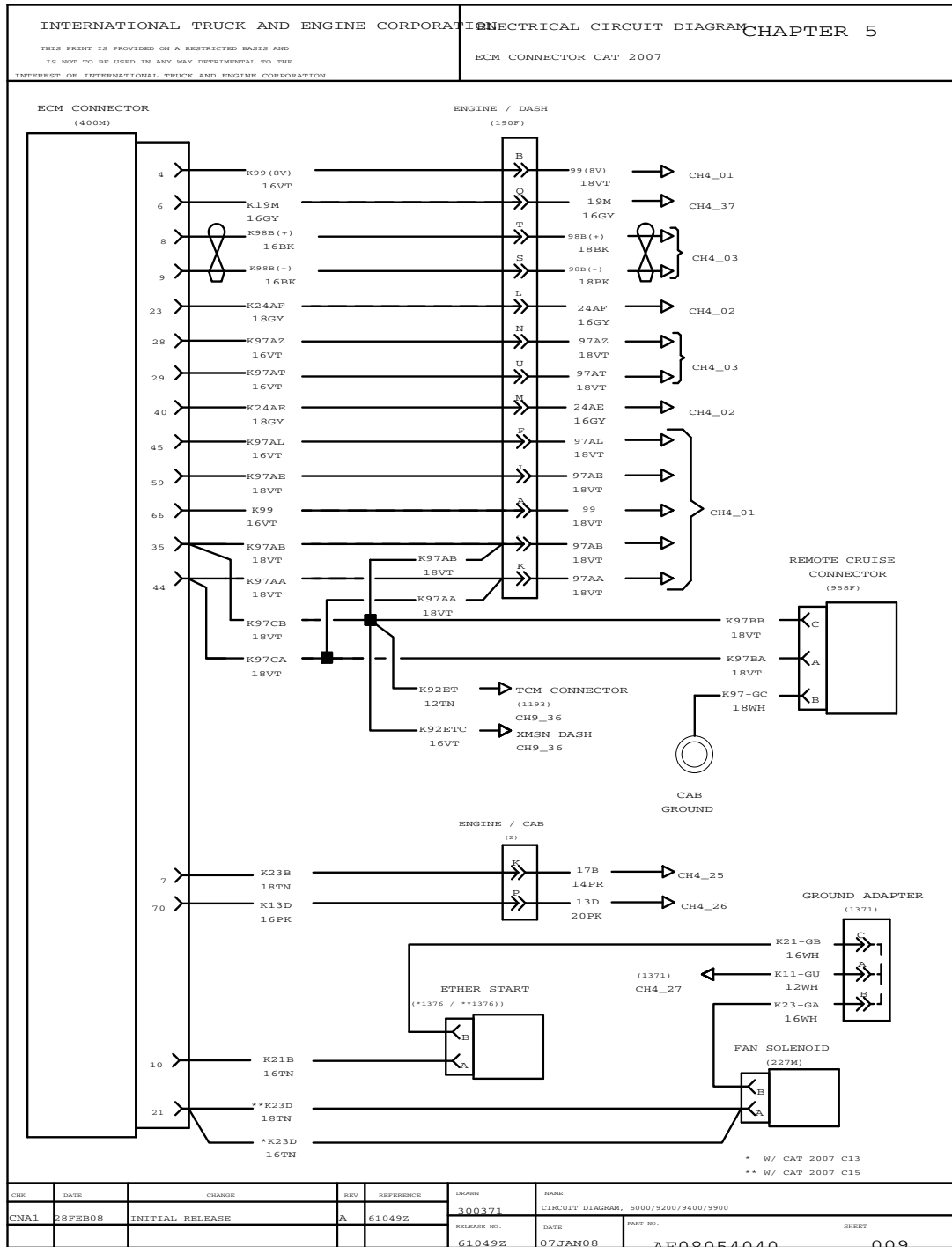


Figure 85 ECM Connector CAT 2007

5.10. ECM CONNECTOR CAT 2007, P. 10

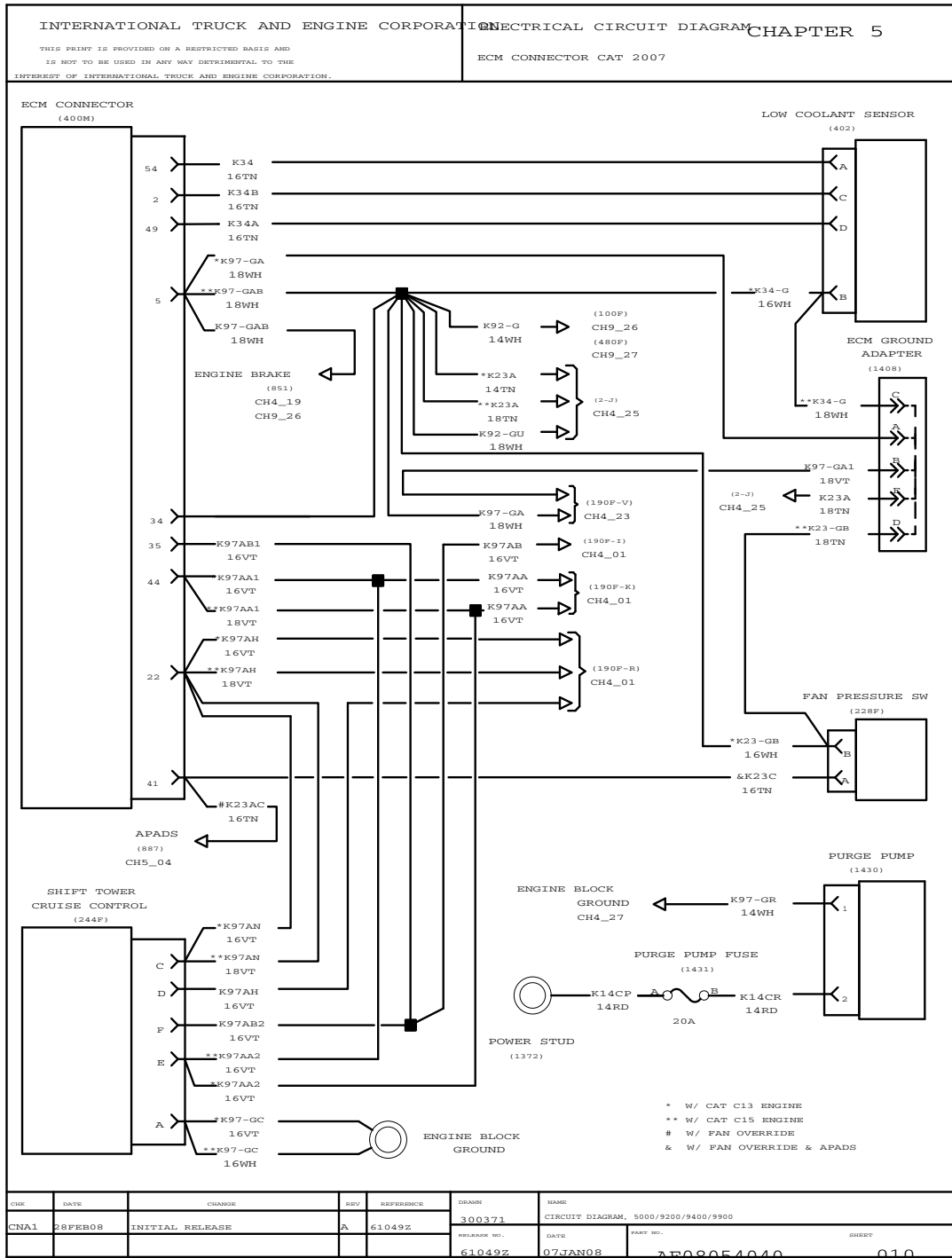


Figure 86 ECM Connector CAT 2007

5.11. FAN WIRING – IBB ENGINE, P. 11

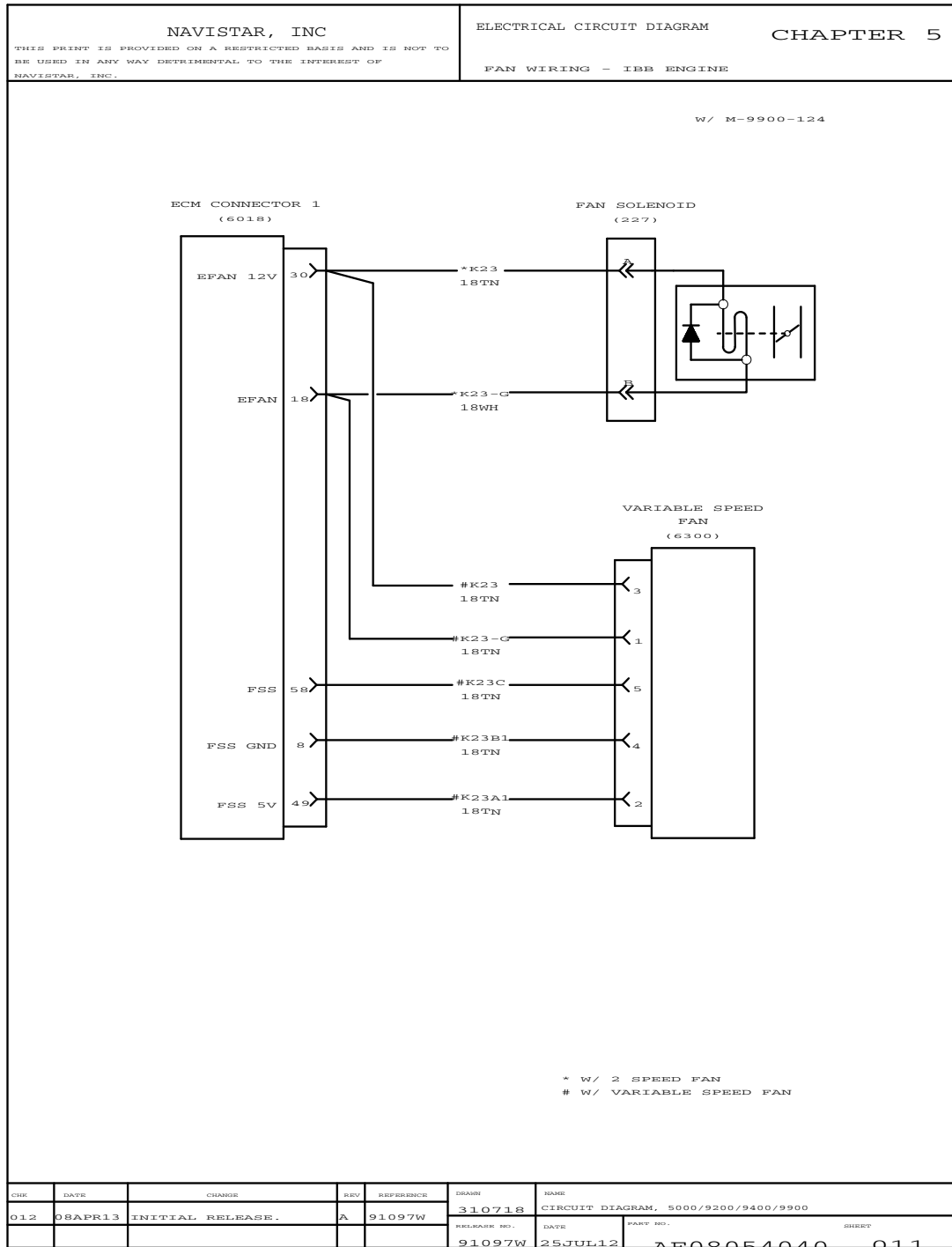
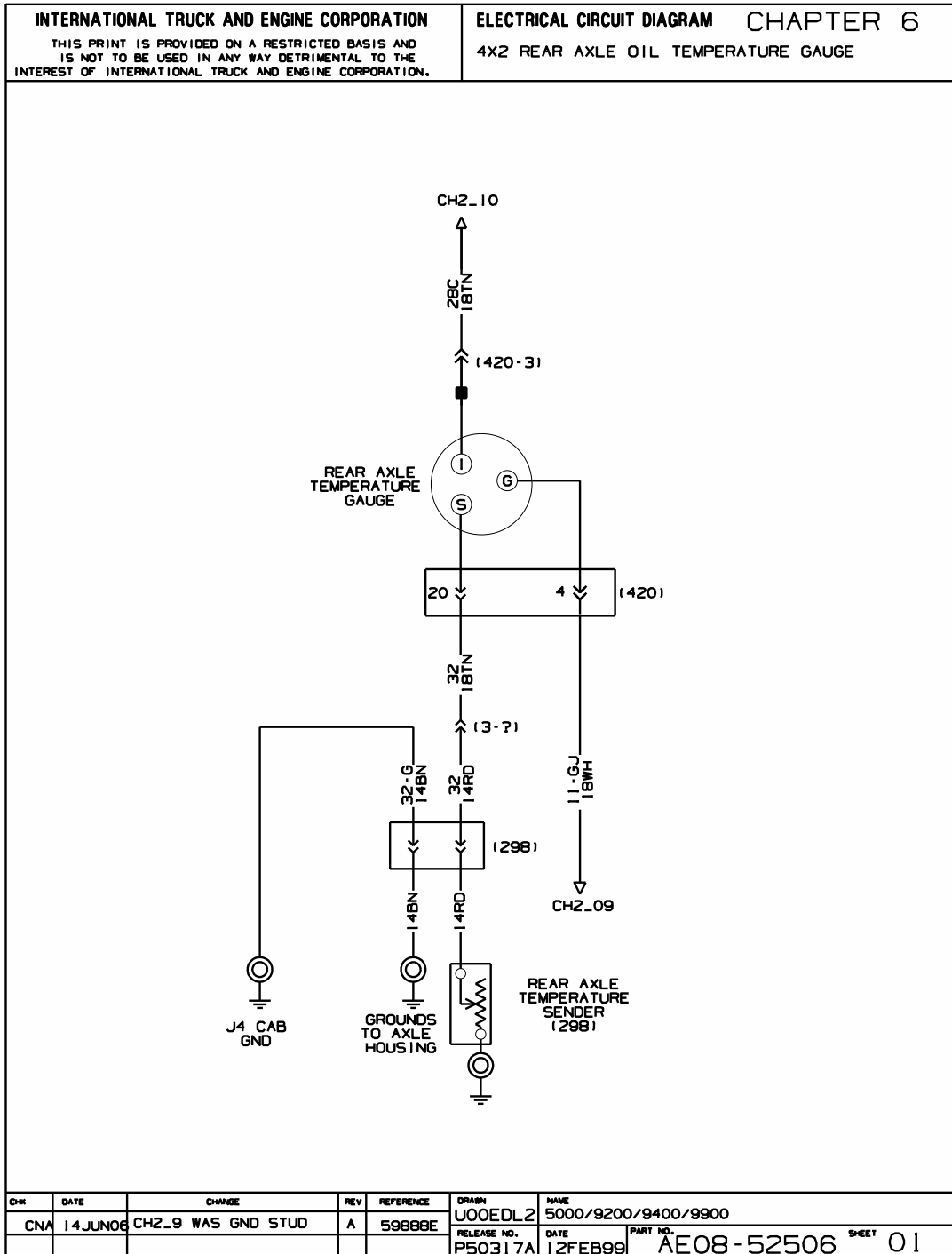


Figure 87 Fan Wiring – IBB Engine

GAUGES AND SYSTEMS (CHAPTER 6)

6.1. 4X2 REAR AXLE OIL TEMPERATURE GAUGE, P. 1



6.2. 6X4 AXLE FORWARD-REAR AND REAR-REAR TEMPERATURE GAUGE, P. 2

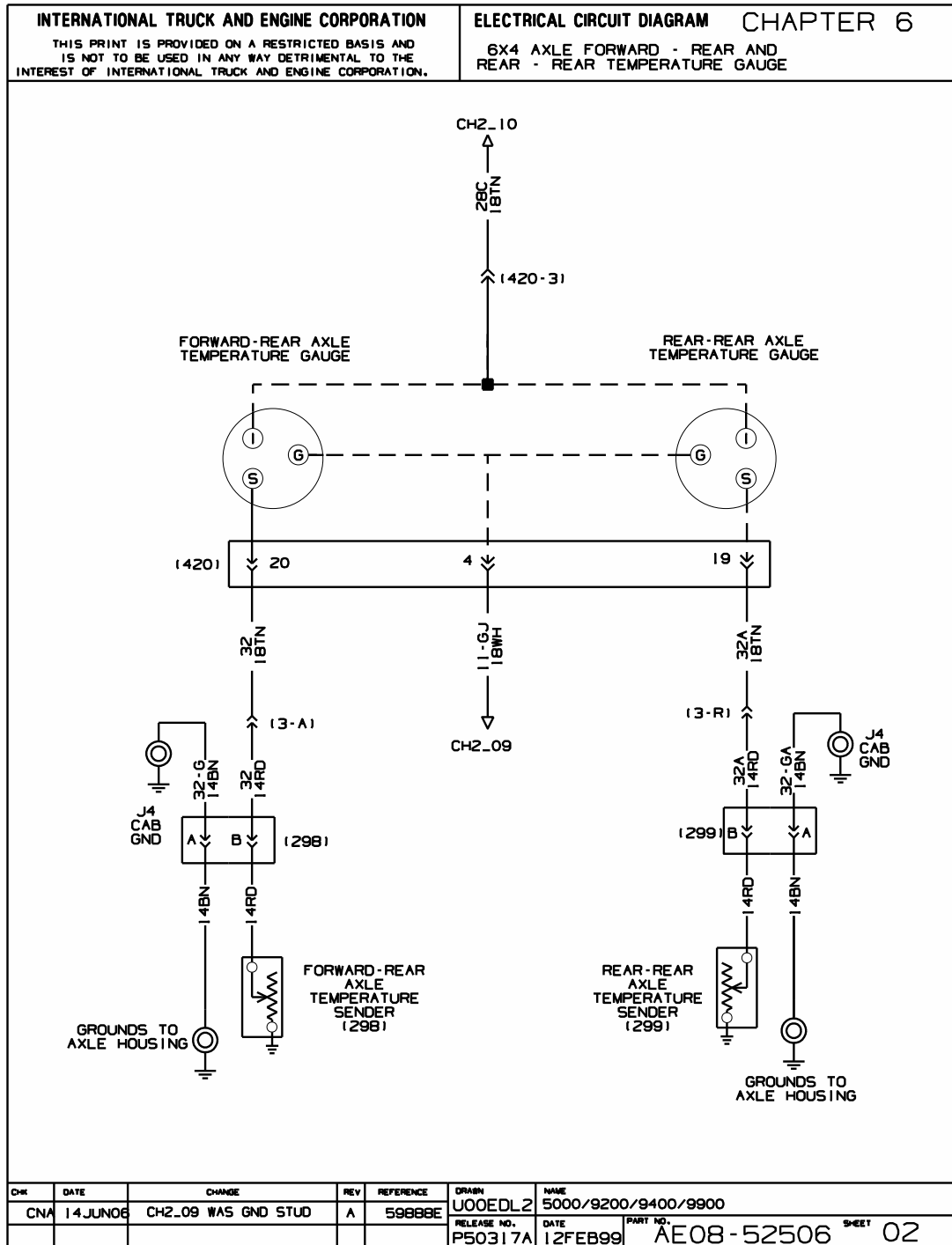


Figure 89 6x4 Axle Forward-Rear and Rear-Rear Temperature Gauge

6.3. ENGINE OIL PRESSURE GAUGE, P. 3

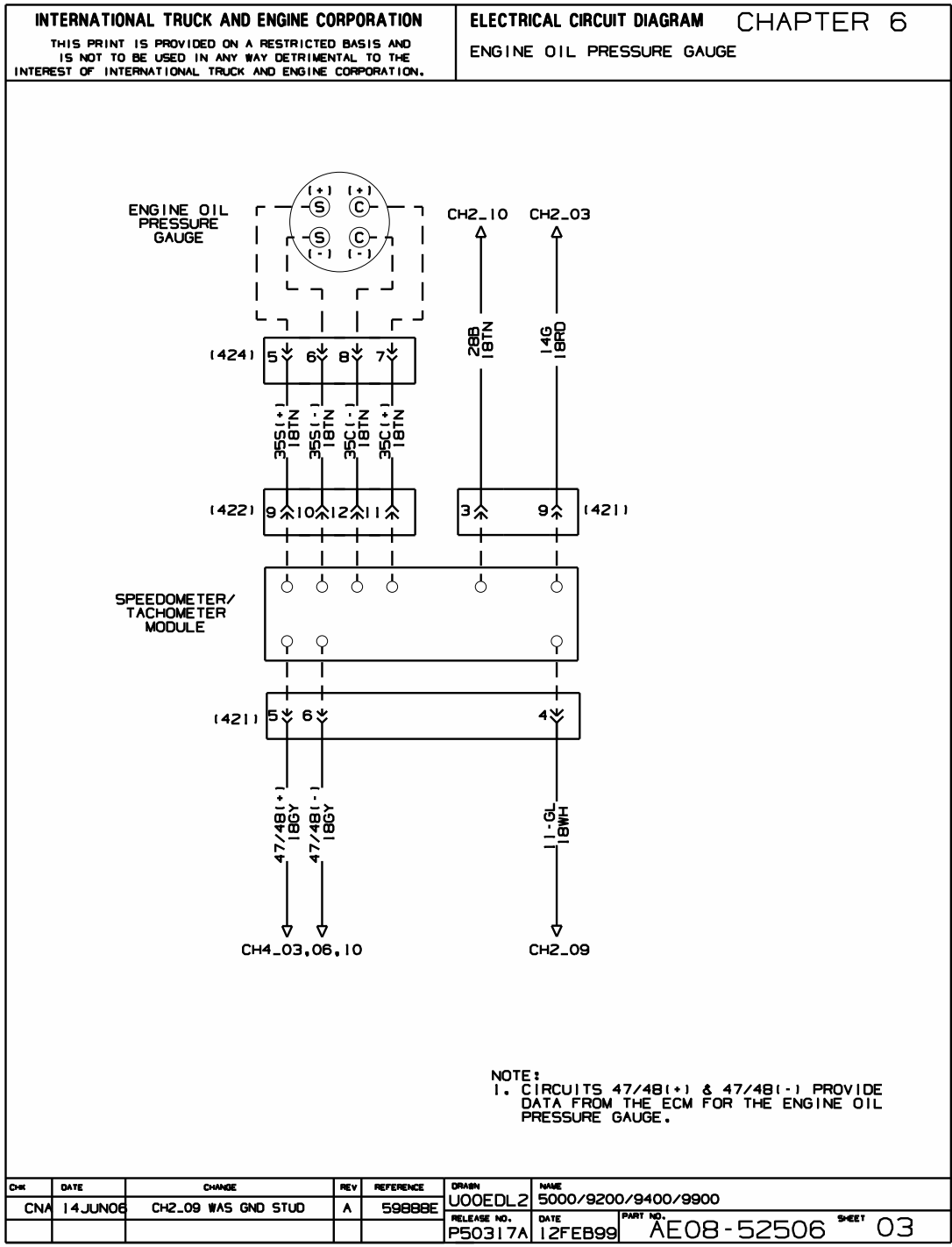


Figure 90 Engine Oil Pressure Gauge

6.4. ENGINE OIL TEMPERATURE GAUGE, P. 4

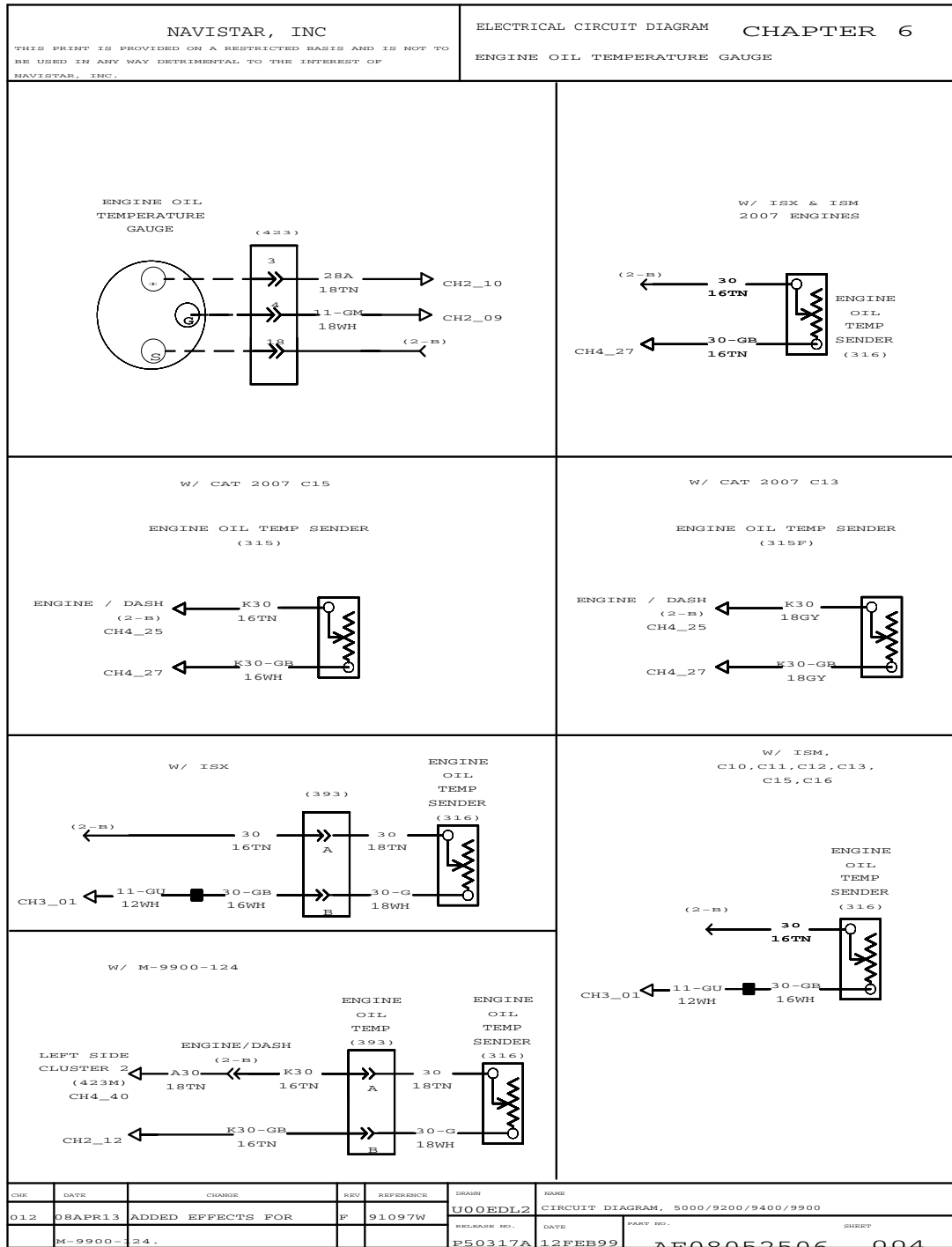


Figure 91 Engine Oil Temperature Gauge

6.5. ENGINE WATER TEMPERATURE GAUGE, P. 5

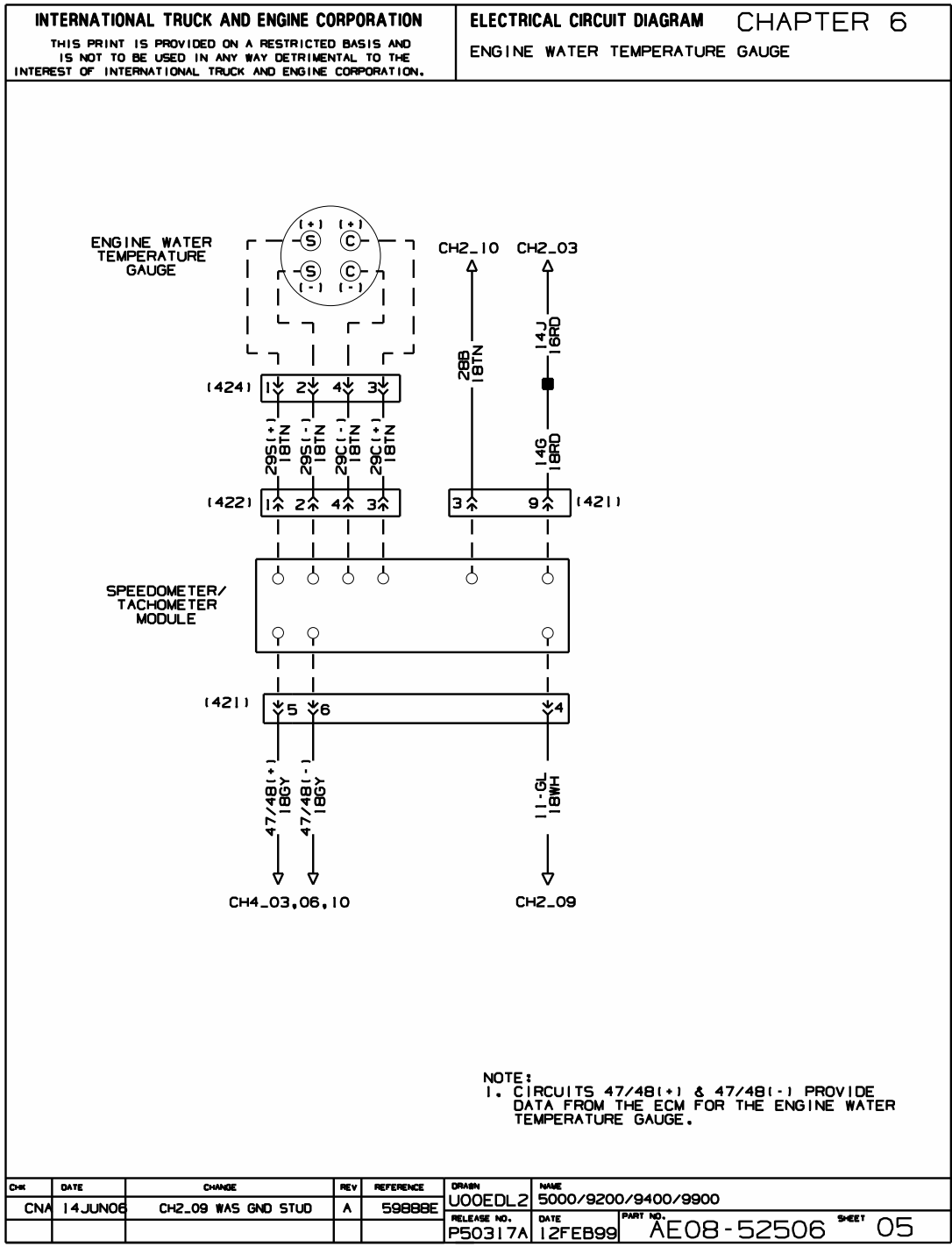


Figure 92 Engine Water Temperature Gauge

6.6. FUEL LEVEL GAUGE, P. 6

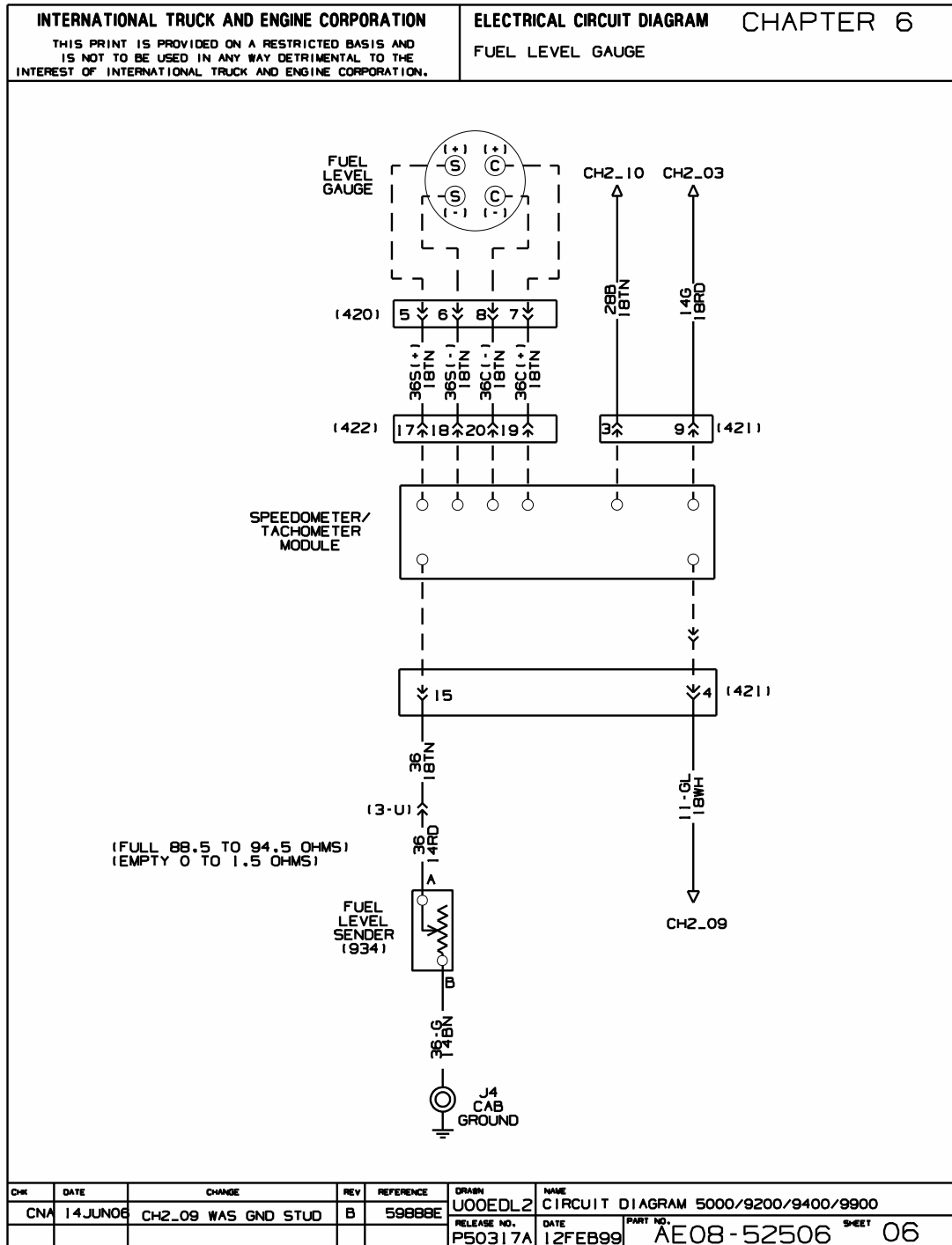


Figure 93 Fuel Level Gauge

6.7. PYROMETER GAUGE, P. 7

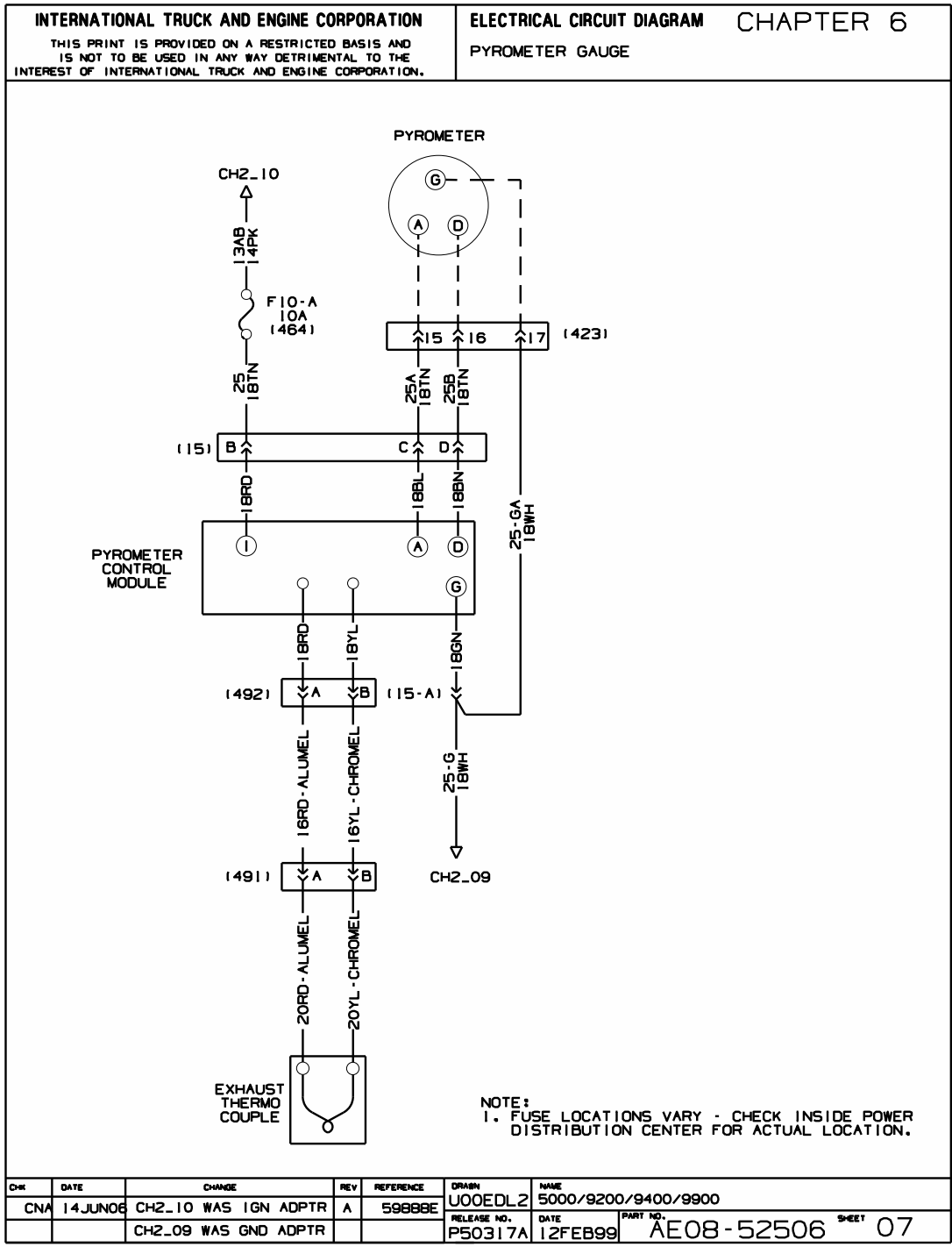


Figure 94 Pyrometer Gauge

6.8. SPEEDOMETER GAUGE – TACHOMETER GAUGE, P. 8

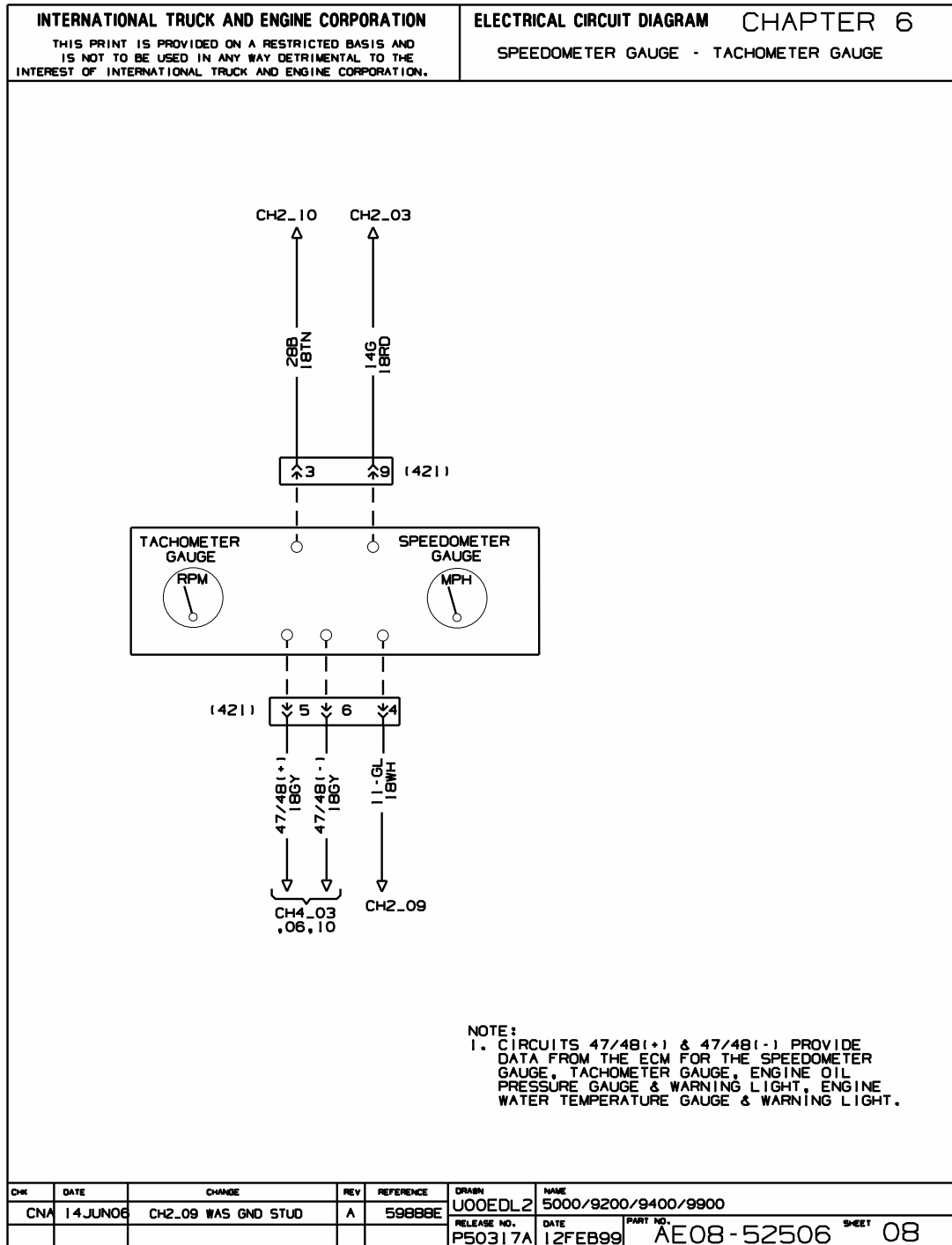


Figure 95 Speedometer Gauge – Tachometer Gauge

6.9. SPEEDOMETER GAUGE – TACHOMETER GAUGE, P. 8A

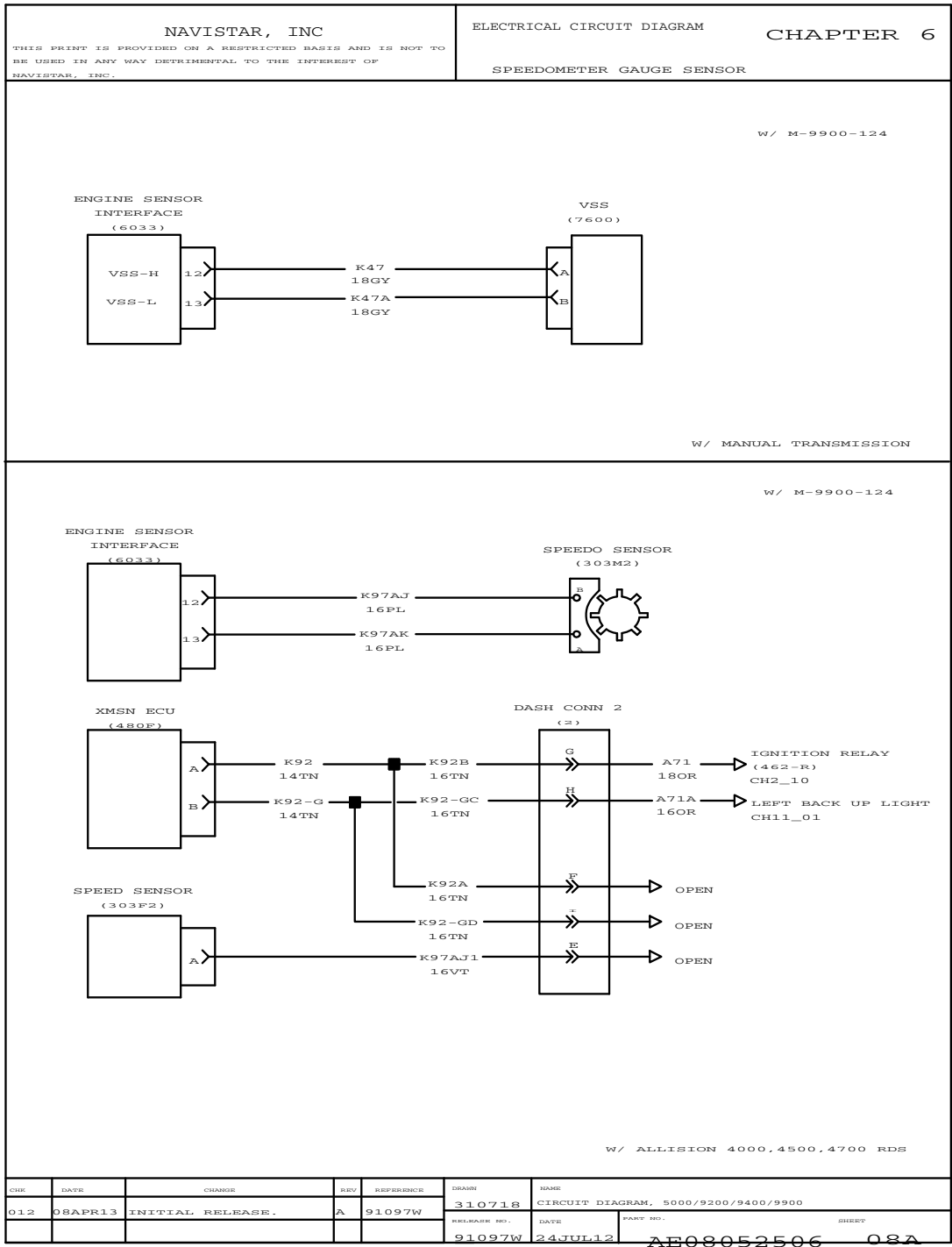


Figure 96 Speedometer Gauge – Tachometer Gauge

6.10. TRANSMISSION OIL TEMPERATURE GAUGE, P. 9

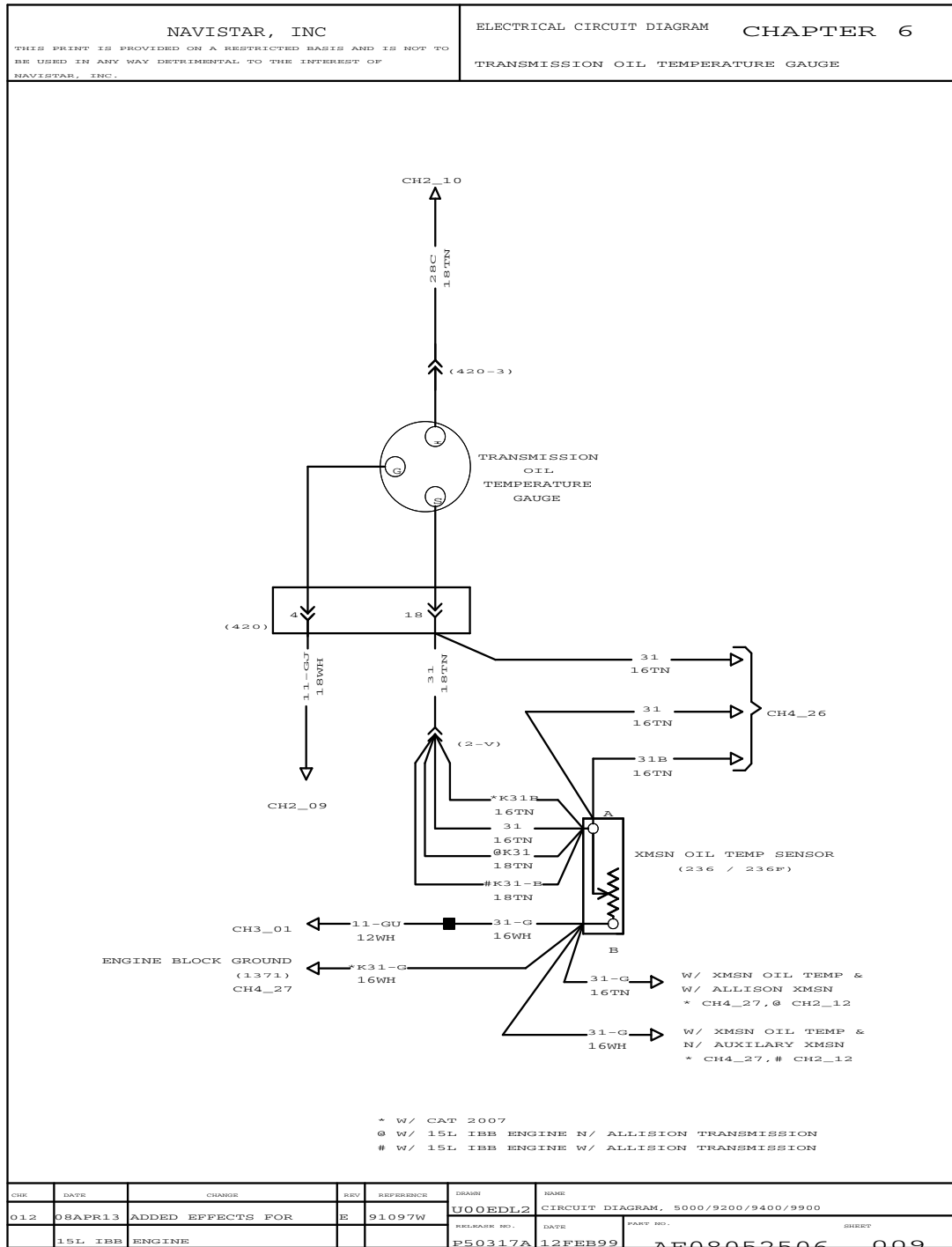


Figure 97 Transmission Oil Temperature Gauge

6.11. VOLTMETER GAUGE, P. 10

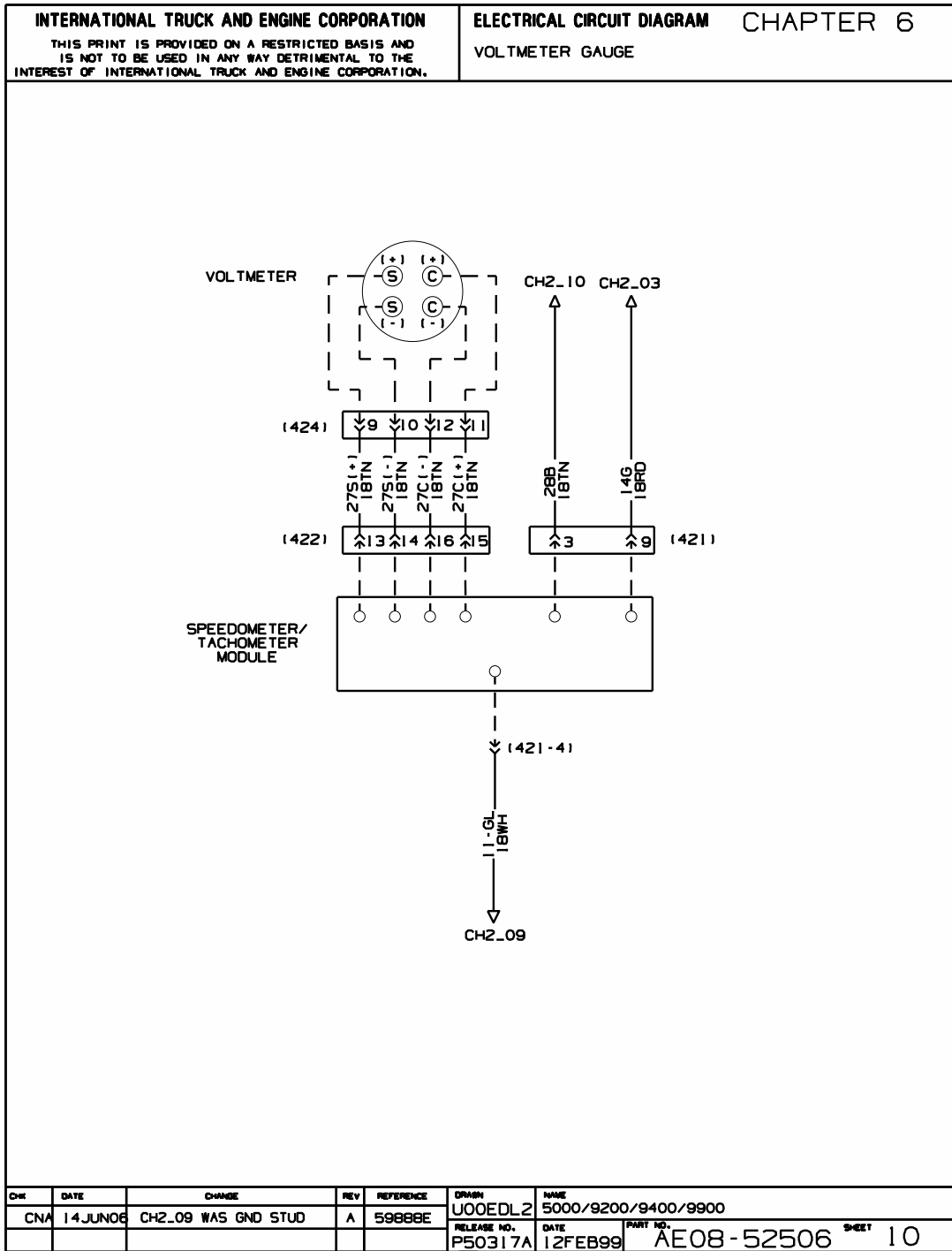


Figure 98 Voltmeter Gauge

6.12. ETHER START, P. 11

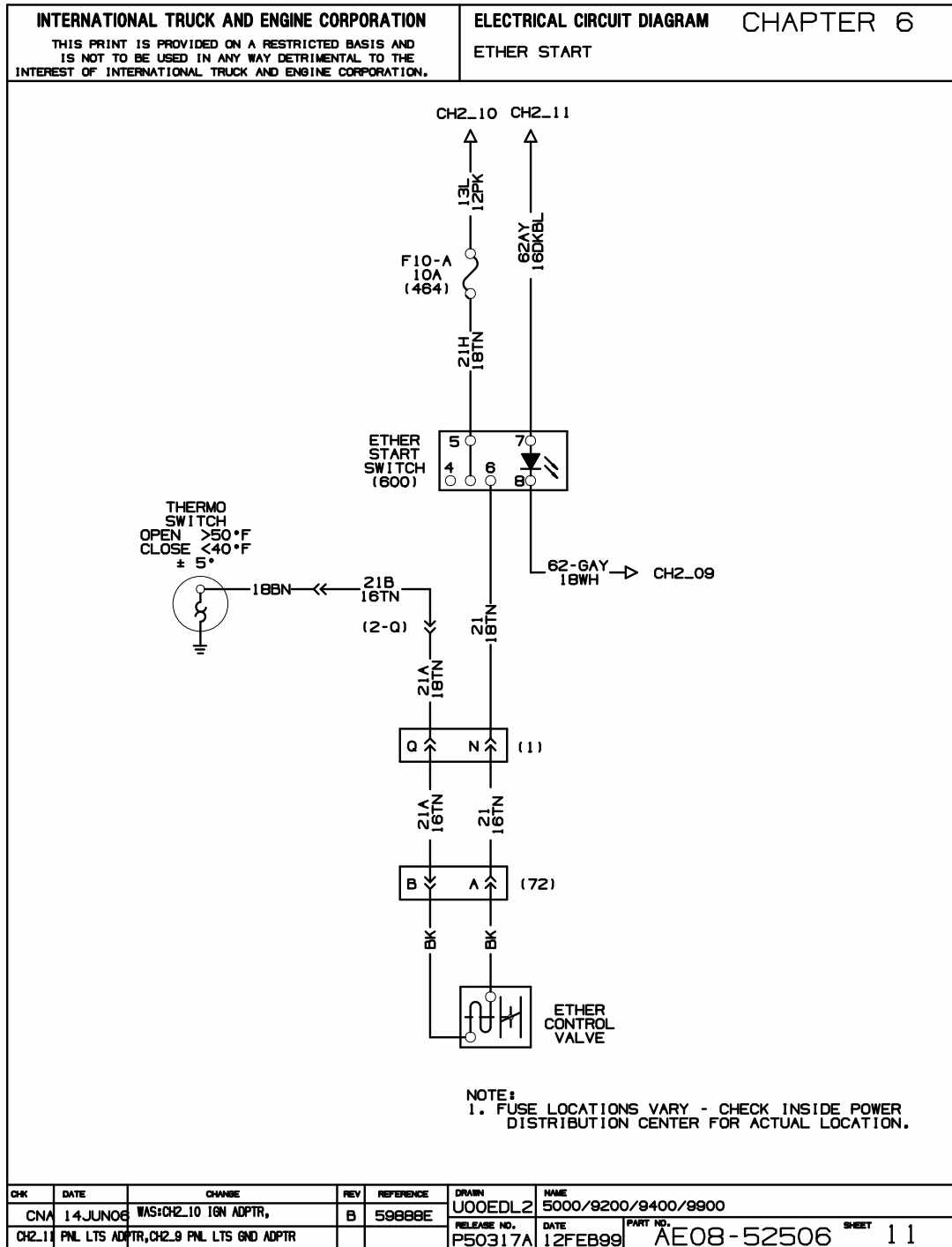


Figure 99 Ether Start

6.13. MANIFOLD PRESSURE GAUGE, P. 12

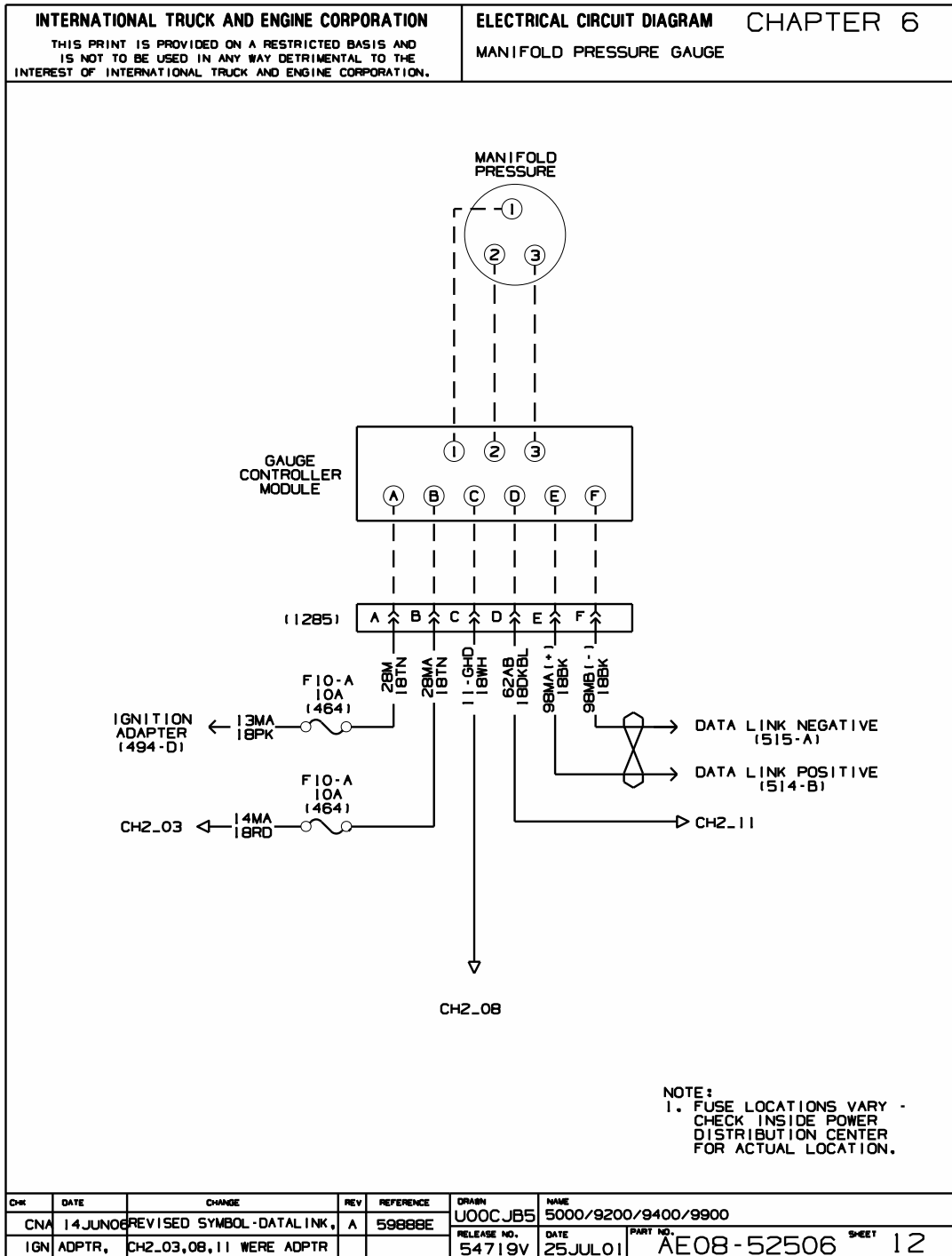


Figure 100 Manifold Pressure Gauge

6.14. CUMMINS ISX07 / ISM07 AUTO ETHER START, P. 13

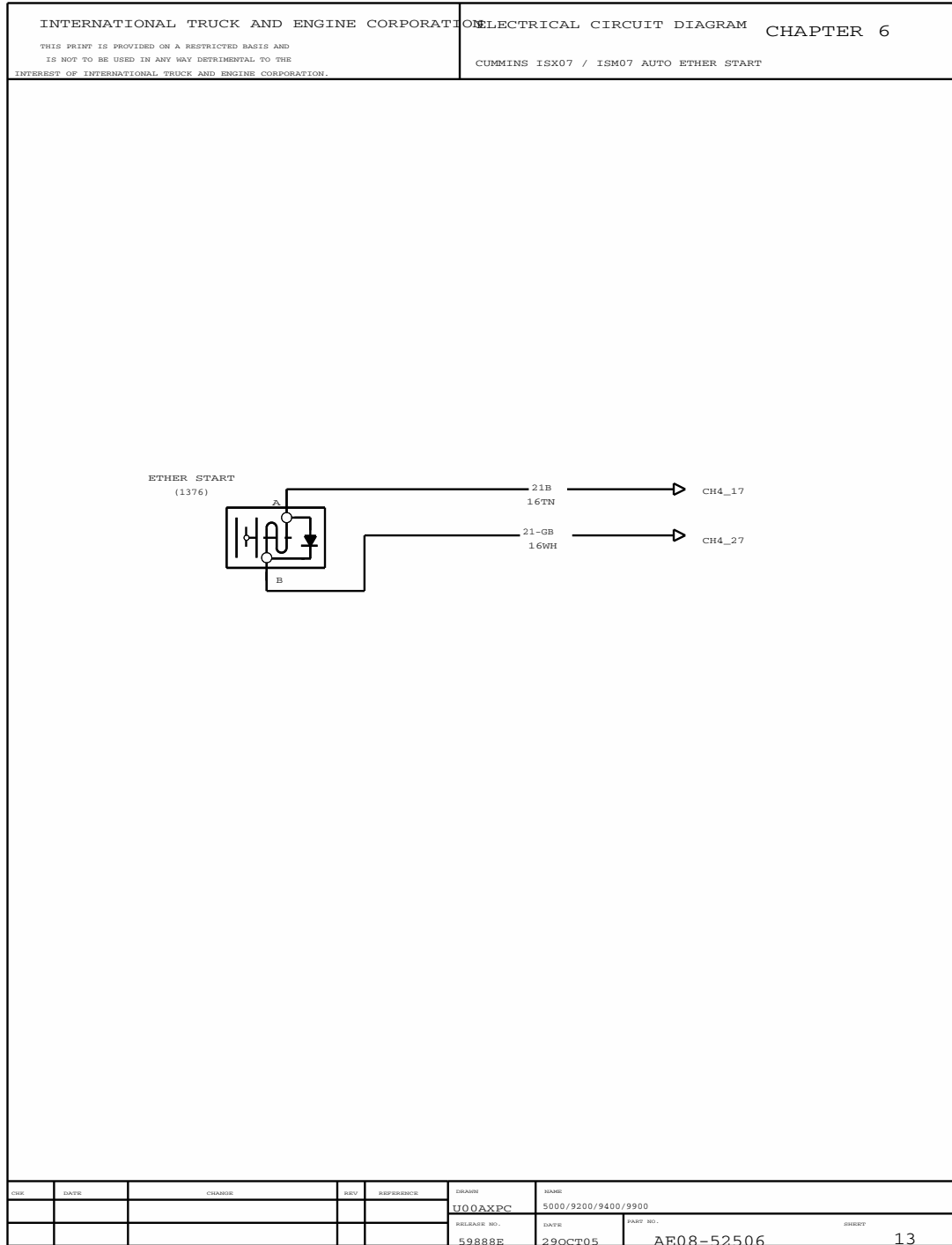


Figure 101 Cummins ISX07 / ISM07 Auto Ether Start

6.15. 6X4 AXLE FORWARD – REAR AND REAR – TEMPERATURE GAUGE, P. 14

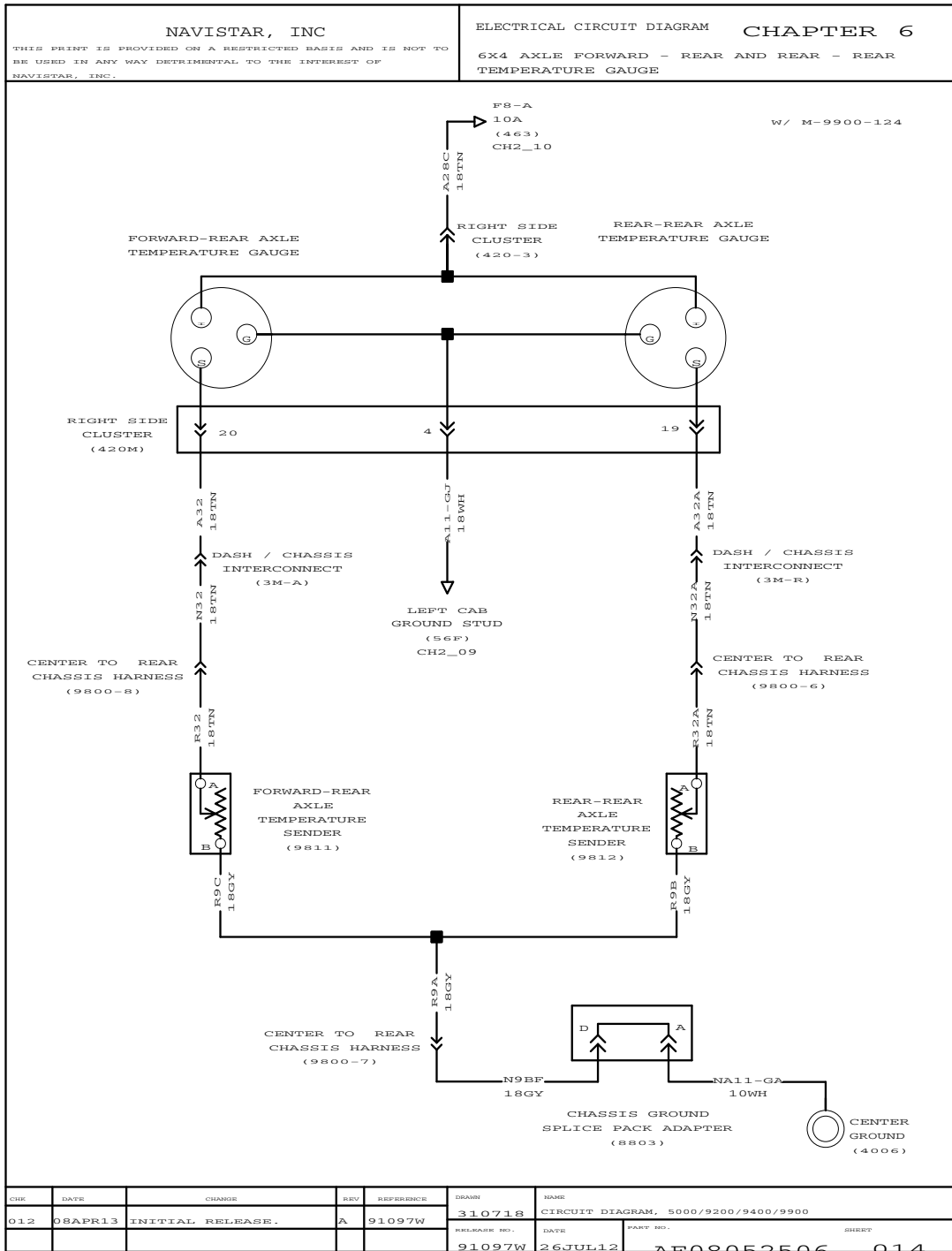


Figure 102 6x4 Axle Forward – Rear and Rear – Temperature Gauge

WARNING LIGHTS (CHAPTER 7)

7.1. AIR SUSPENSION RELEASE WARNING LIGHT, P. 1

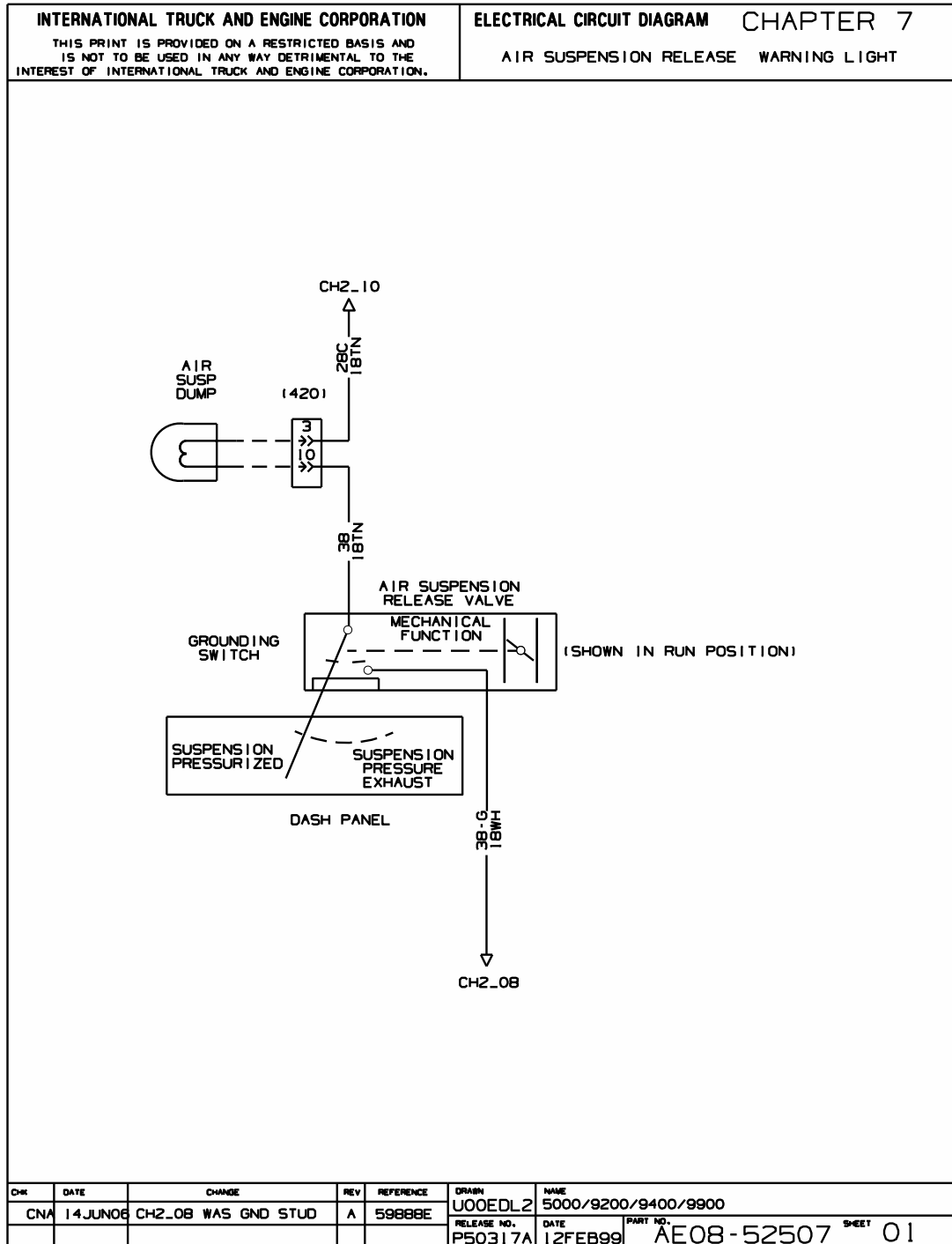


Figure 103 Air Suspension Release Warning Light

7.2. ENGINE OIL PRESSURE WARNING LIGHT, P. 2

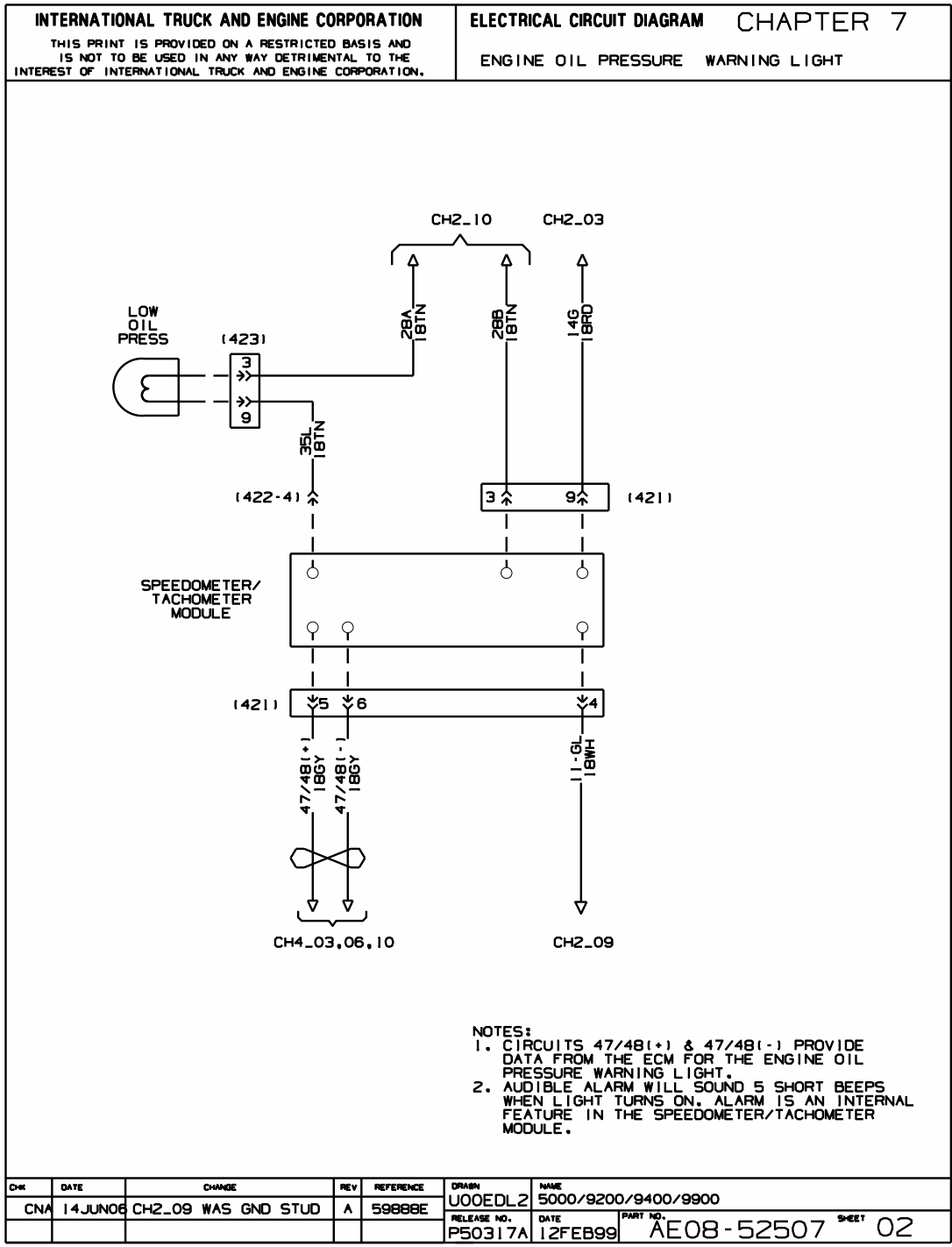


Figure 104 Engine Oil Pressure Warning Light

7.3. ENGINE WATER TEMPERATURE WARNING LIGHT, P. 3

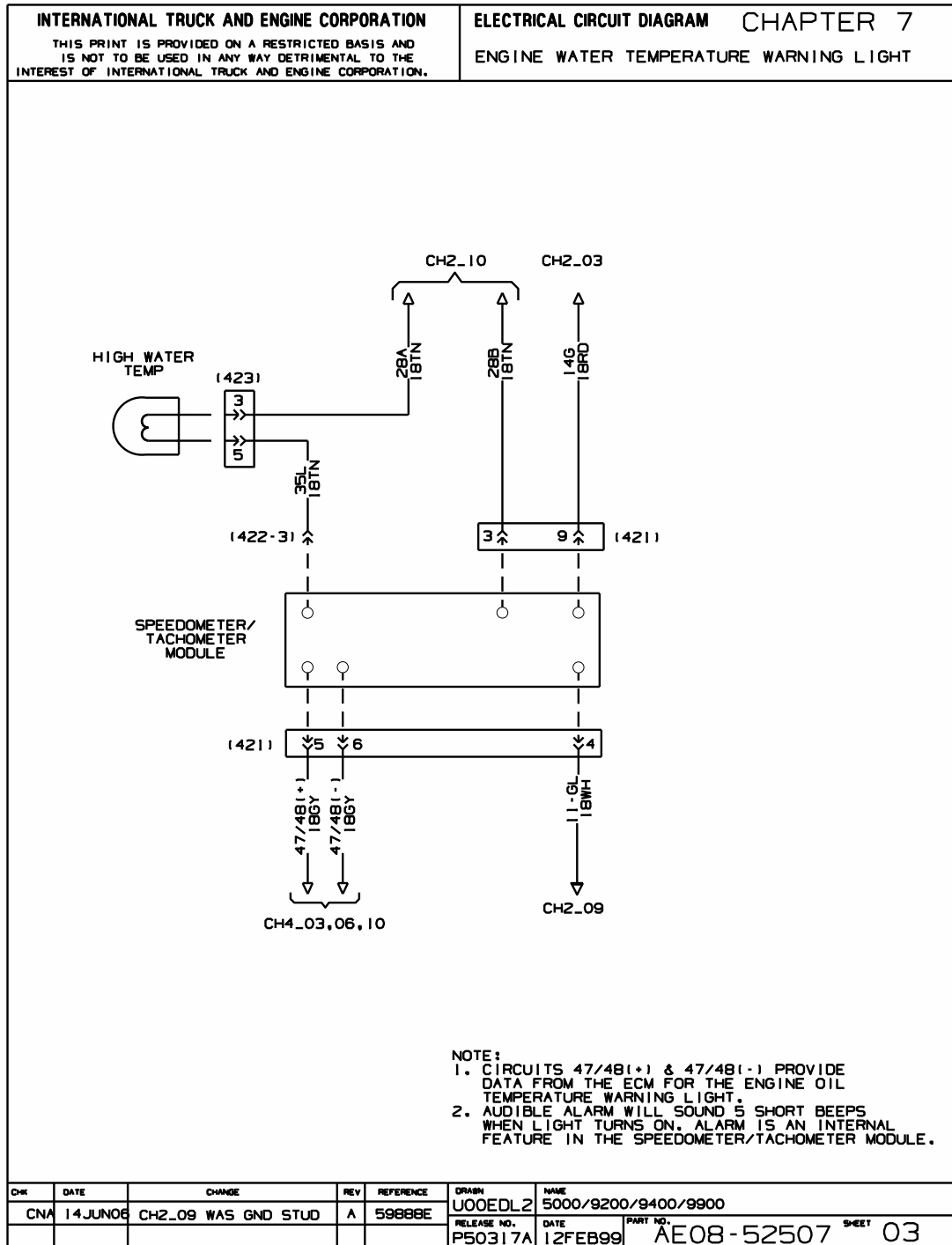


Figure 105 Engine Water Temperature Warning Light

7.4. LOW AIR PRESSURE WARNING LIGHT, P. 4

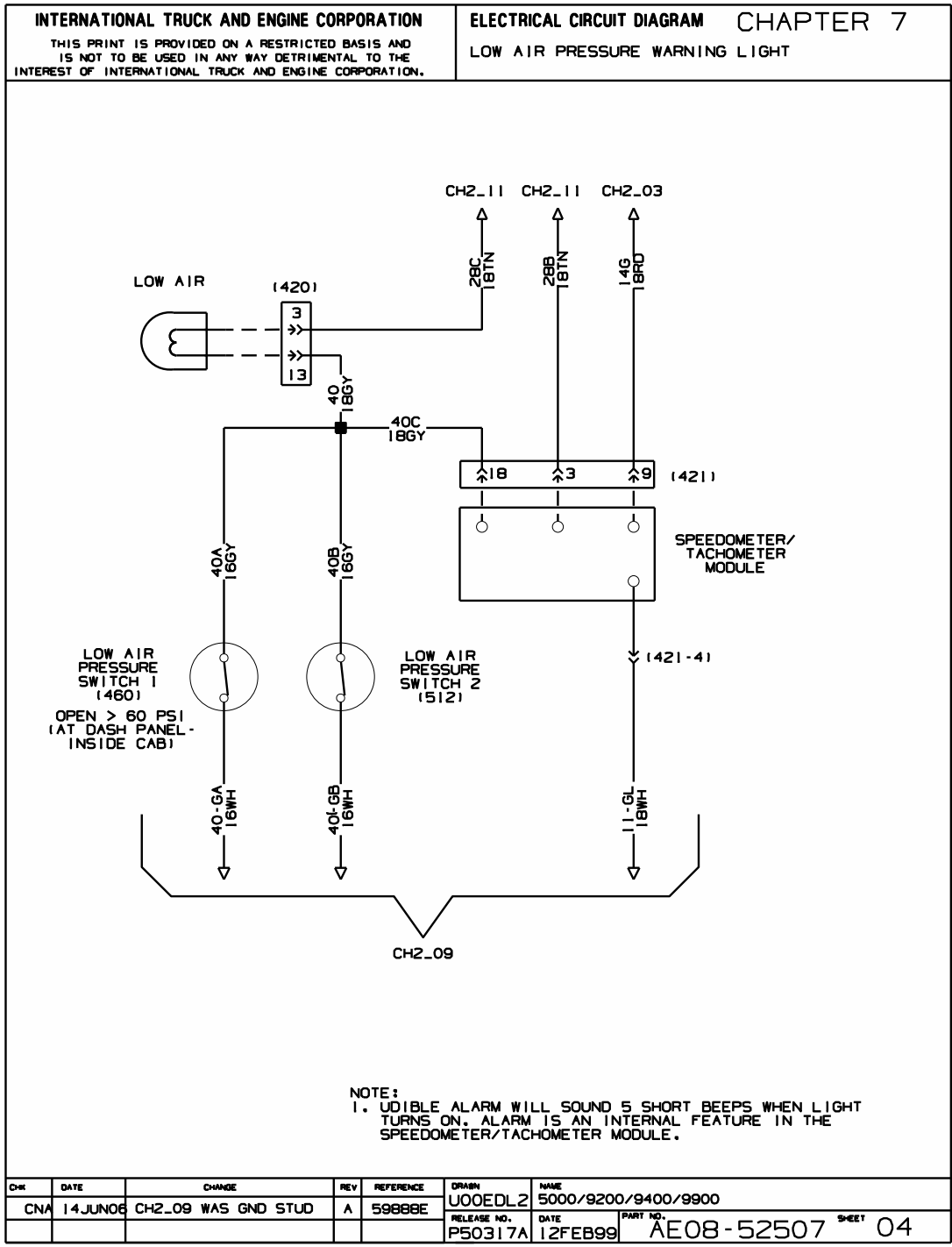


Figure 106 Low Air Pressure Warning Light

7.5. LOW FUEL LEVEL WARNING LIGHT, P. 5

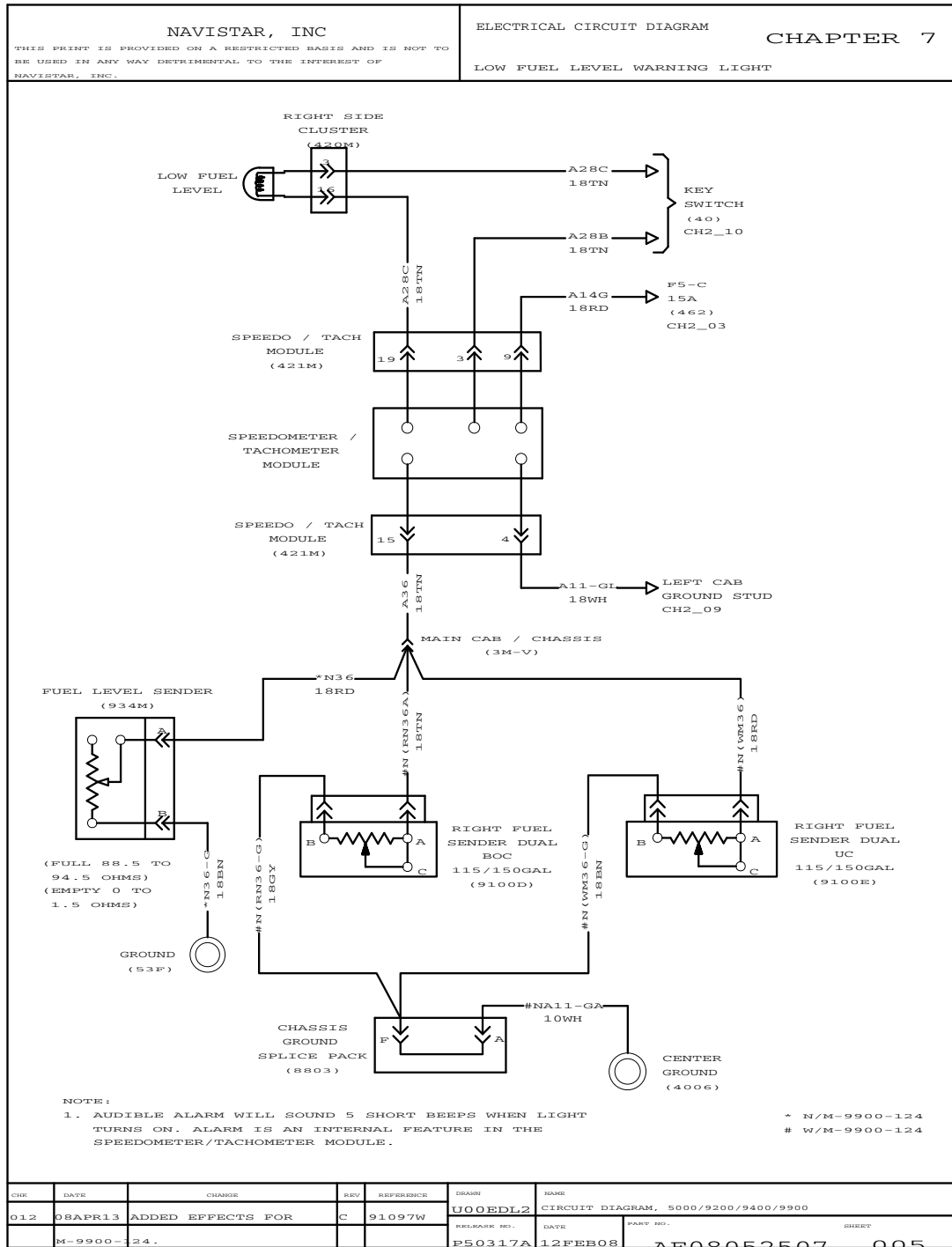


Figure 107 Low Fuel Level Warning Light

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

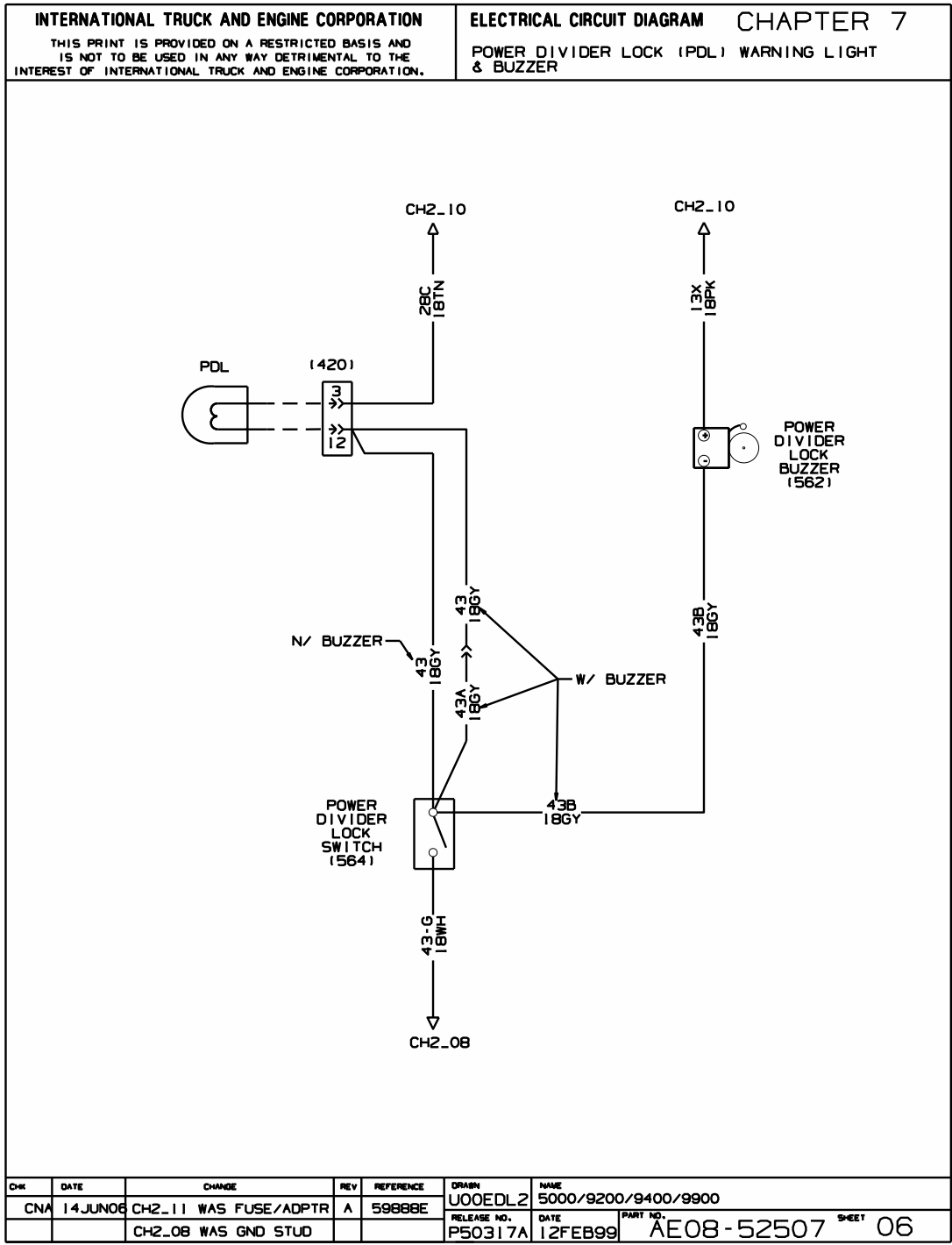


Figure 108 Power Divider Lock (PDL) Warning Light and Buzzer

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

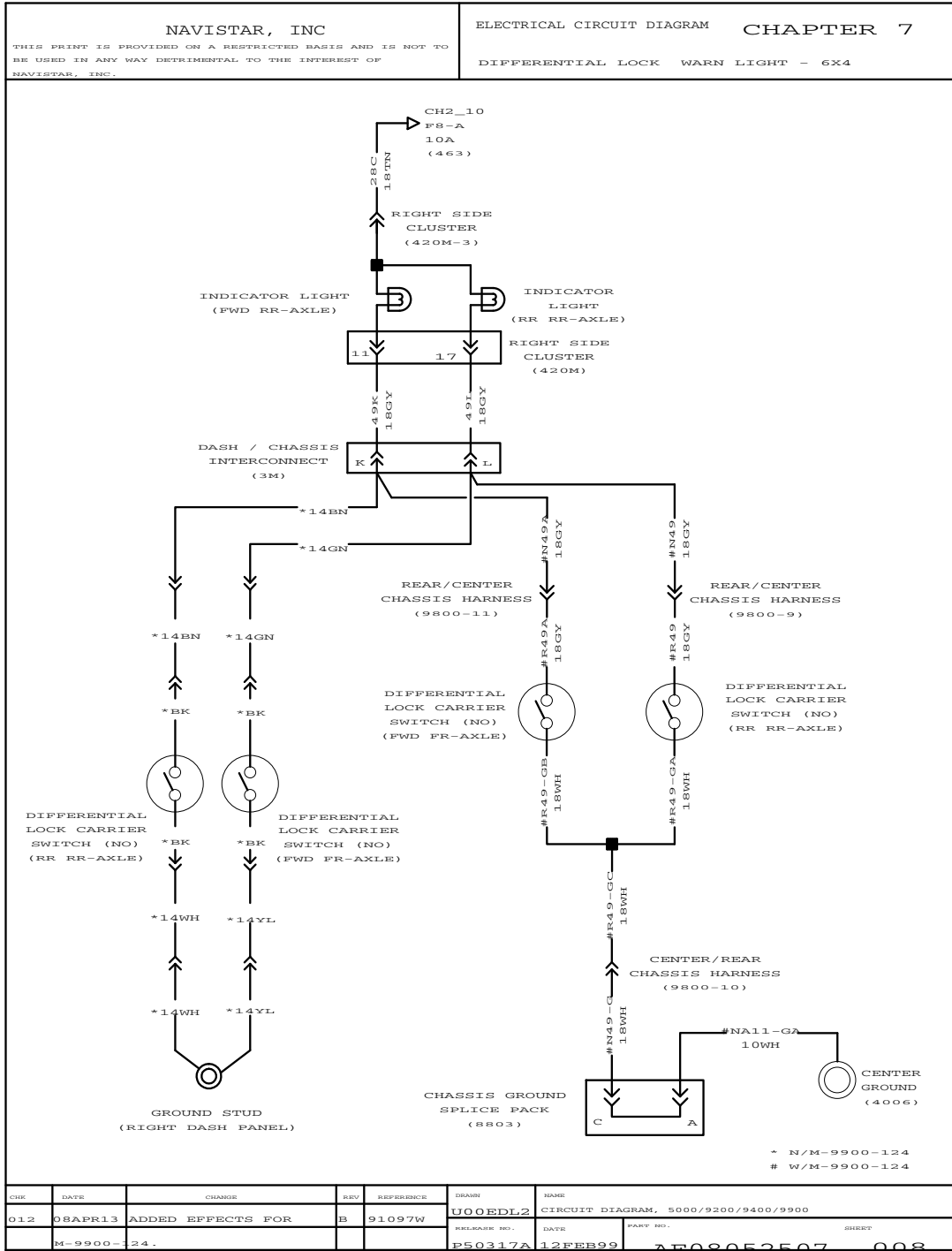


Figure 110 Differential Lock Warn Light — 6x4

7.9. CUMMINS ISL – WAIT TO START, P. 9

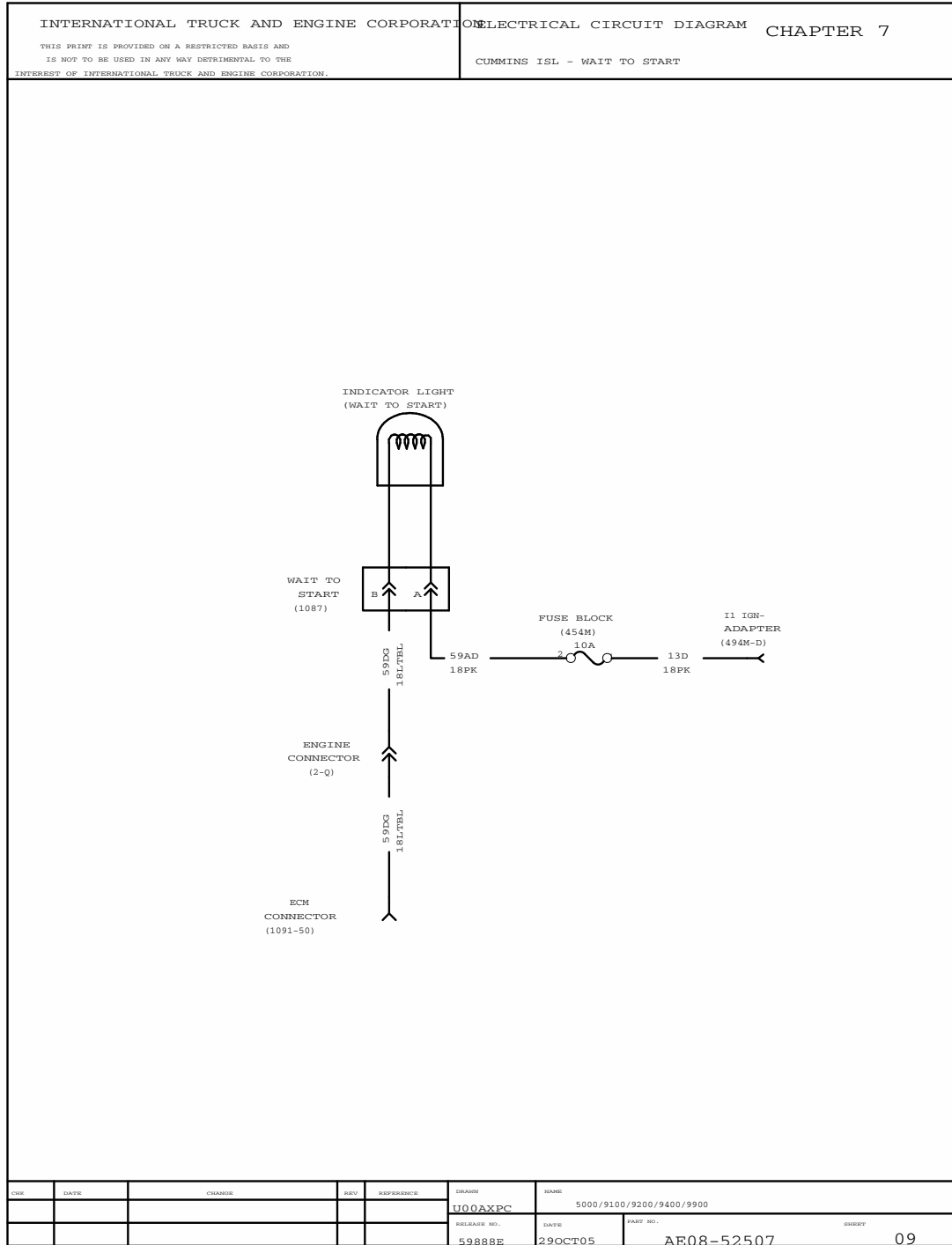


Figure 111 Cummins ISL – Wait to Start

CAB ACCESSORIES (CHAPTER 8)

8.1. CIGAR LIGHTER (CAB), P. 1

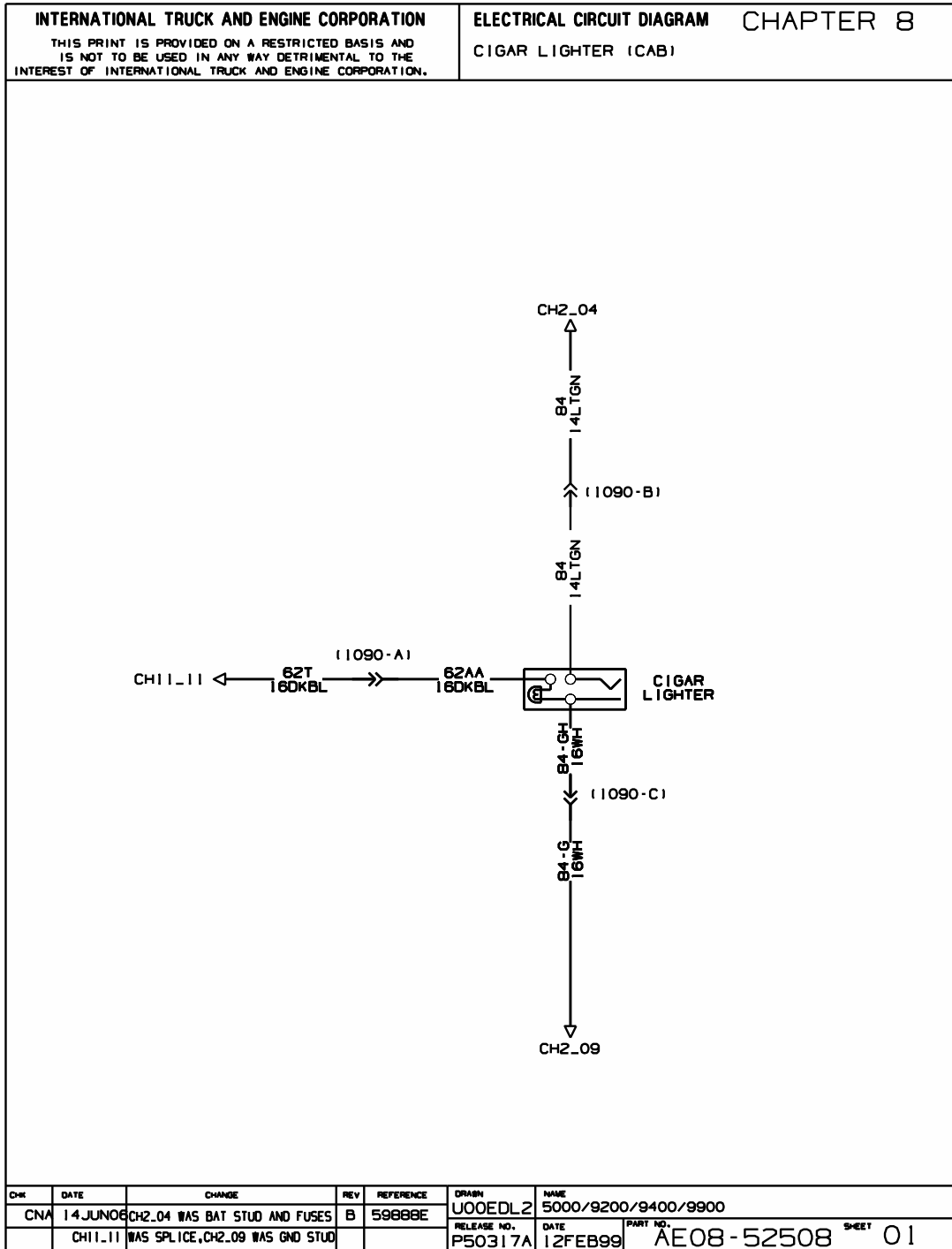


Figure 112 Cigar Lighter

8.2. CLOCK (CAB), 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. SHEET
					E50317A	12FEB99	AE08-52508 02

Figure 113 Clock (Cab)

8.3. ELECTRIC WINDOW – RIGHT, P. 3

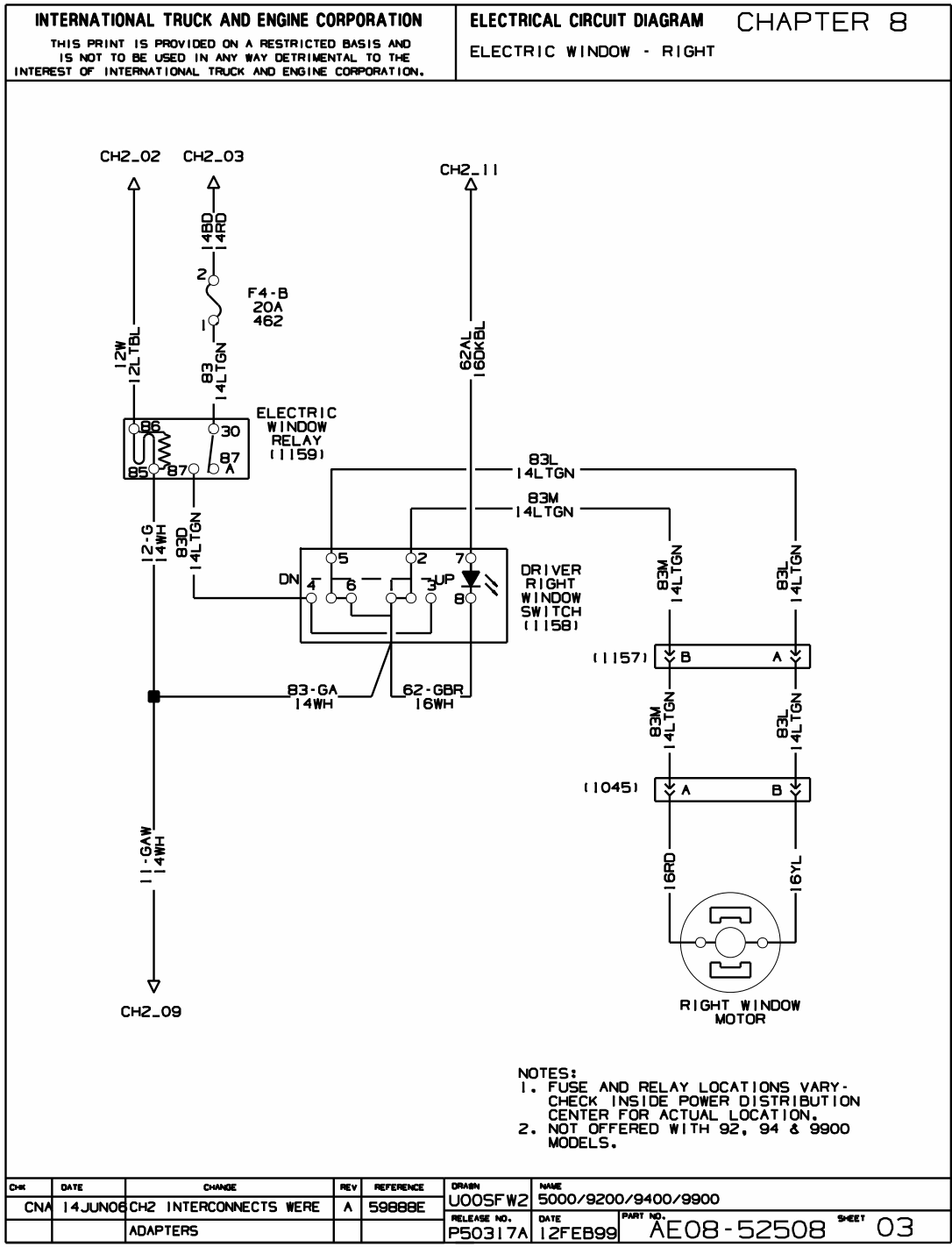


Figure 114 Electric Window – Right

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

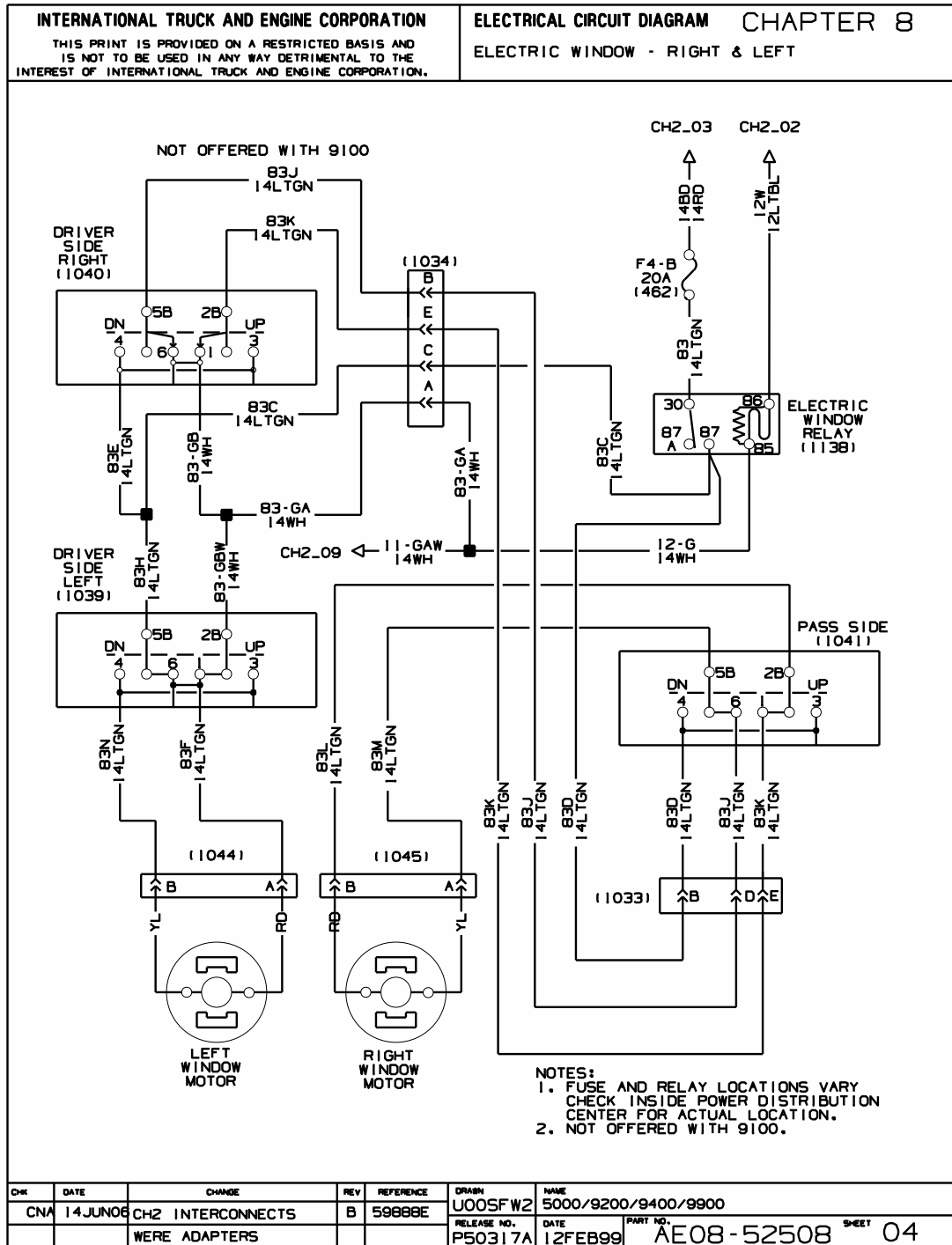


Figure 115 Electric Window – Right and Left

8.5. DEFROSTER FAN(S), P. 5

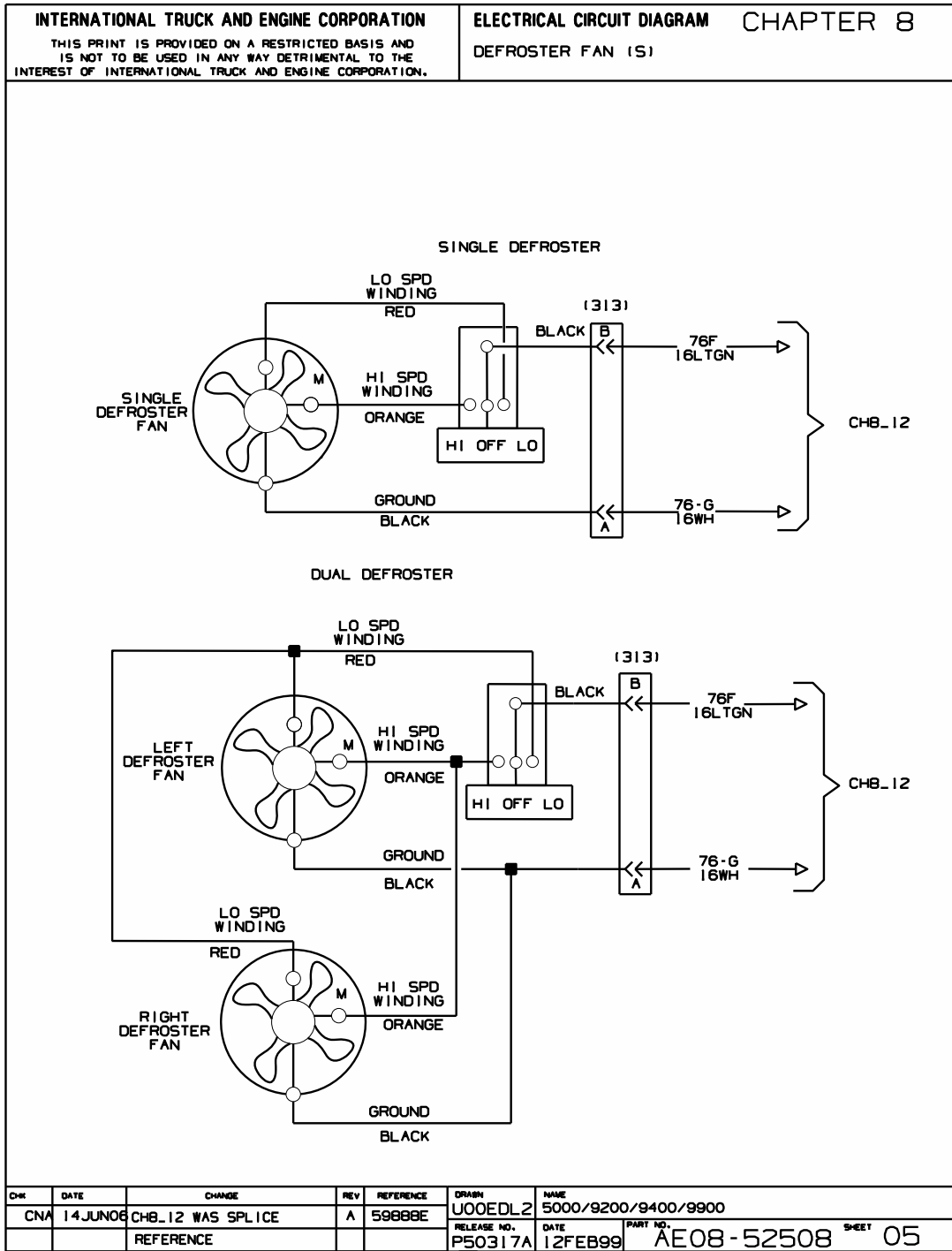


Figure 116 Defroster Fan(s)

8.7. HORN, P. 7

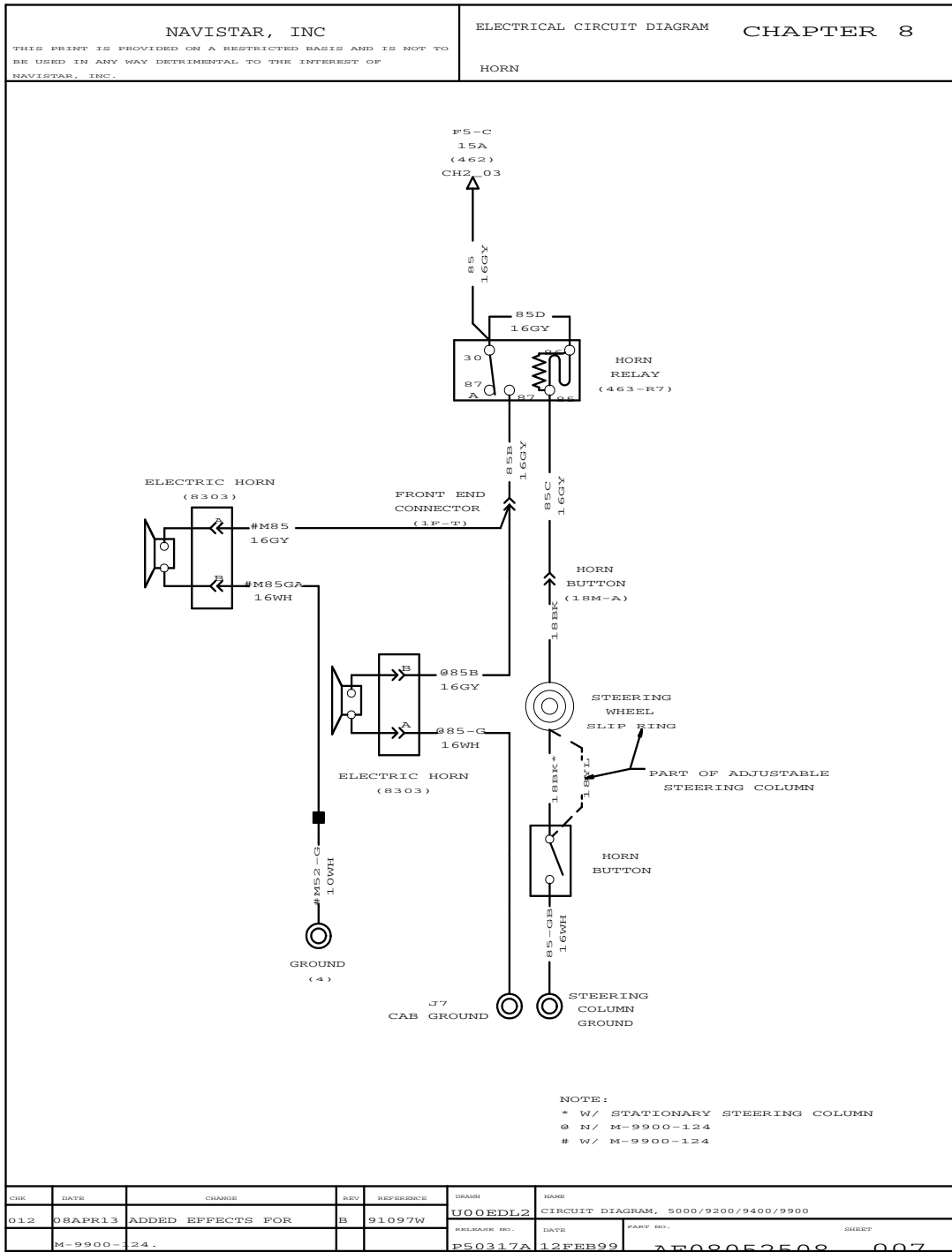


Figure 118 Horn

8.8. MIRROR LIGHTS AND HEATED MIRRORS, P. 8

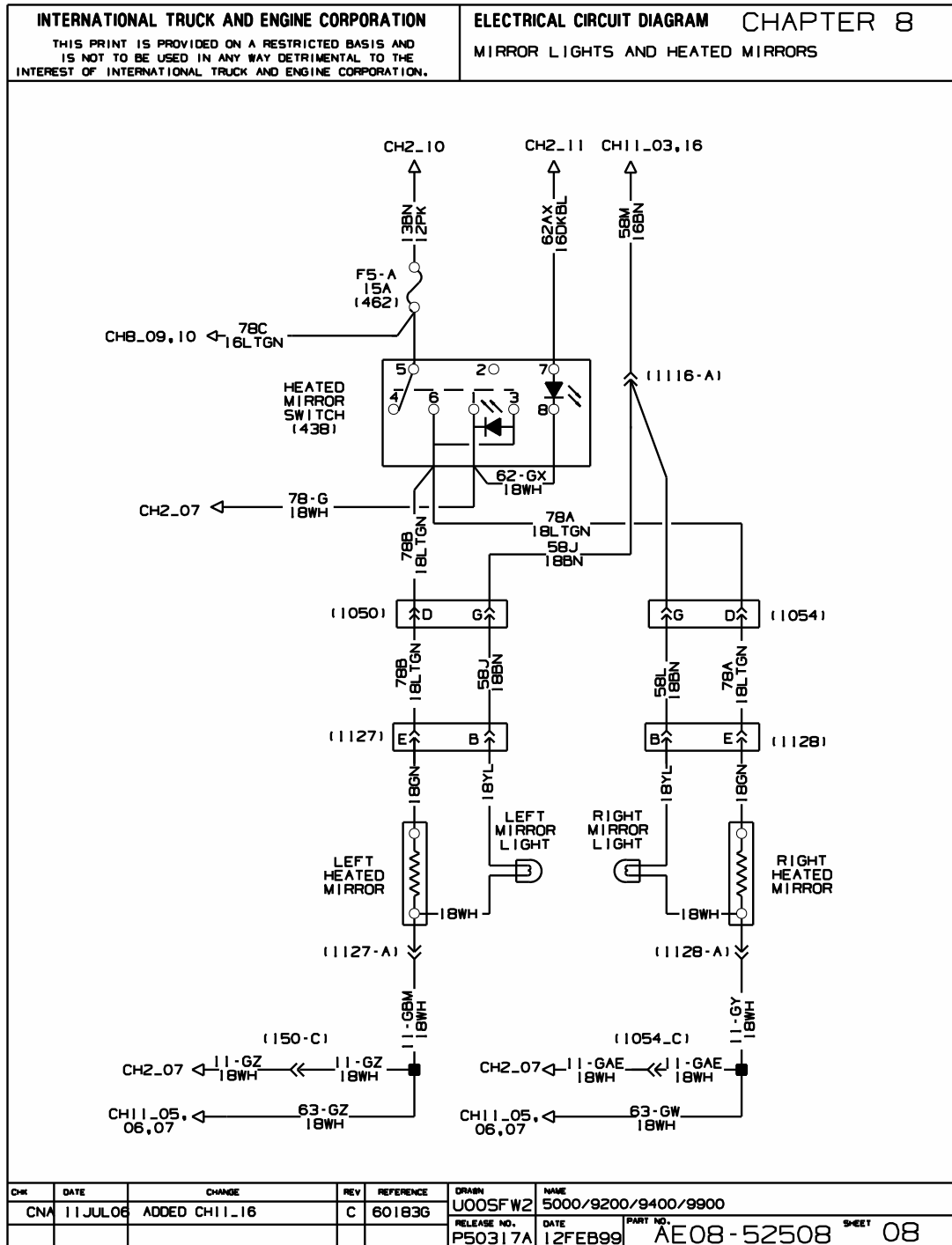


Figure 119 Mirror Lights and Heated Mirrors

8.10. DUAL AXIS MOTORIZED MIRRORS, P. 10

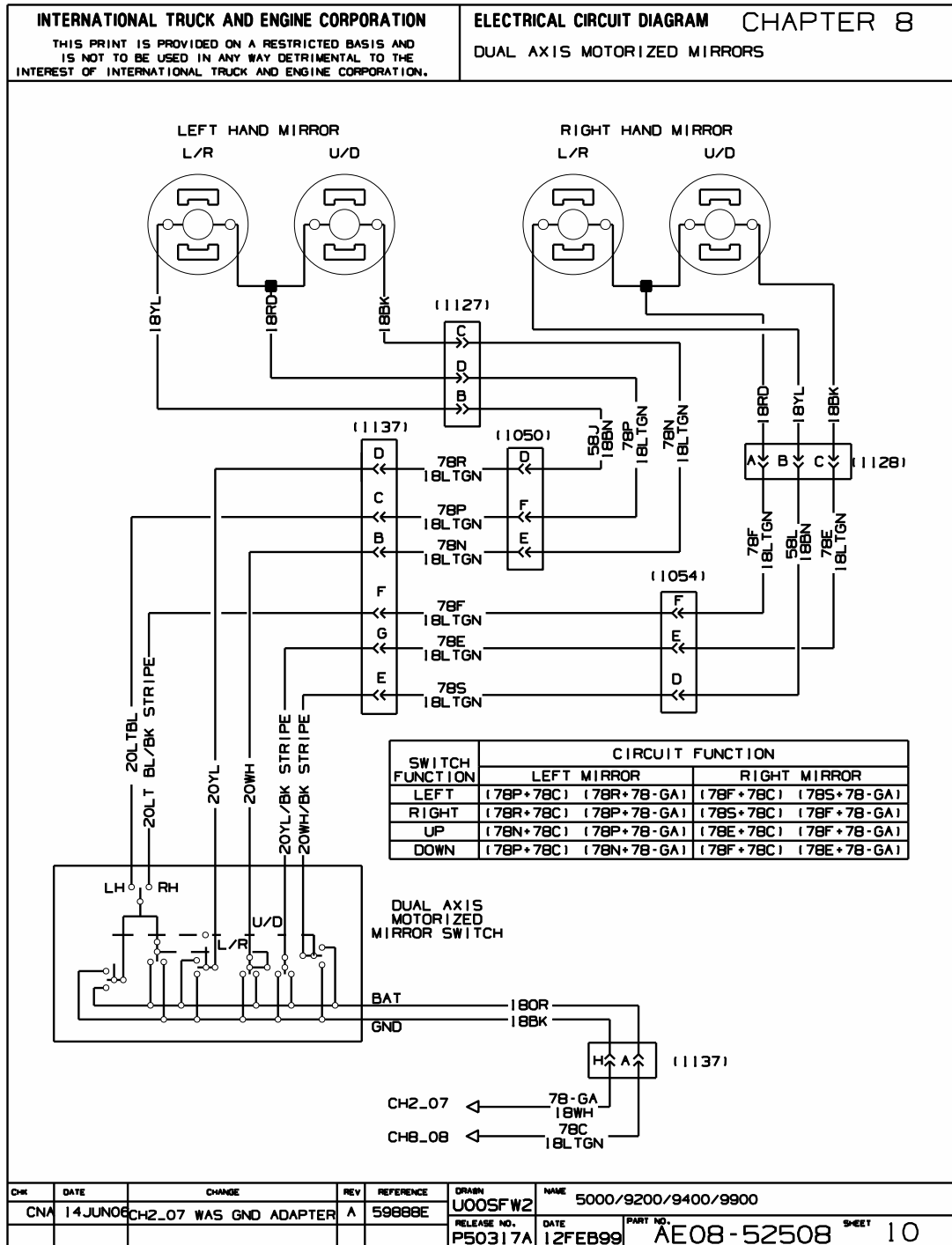


Figure 121 Dual Axis Motorized Mirrors

8.11. POWER SOURCE (CB), P. 11

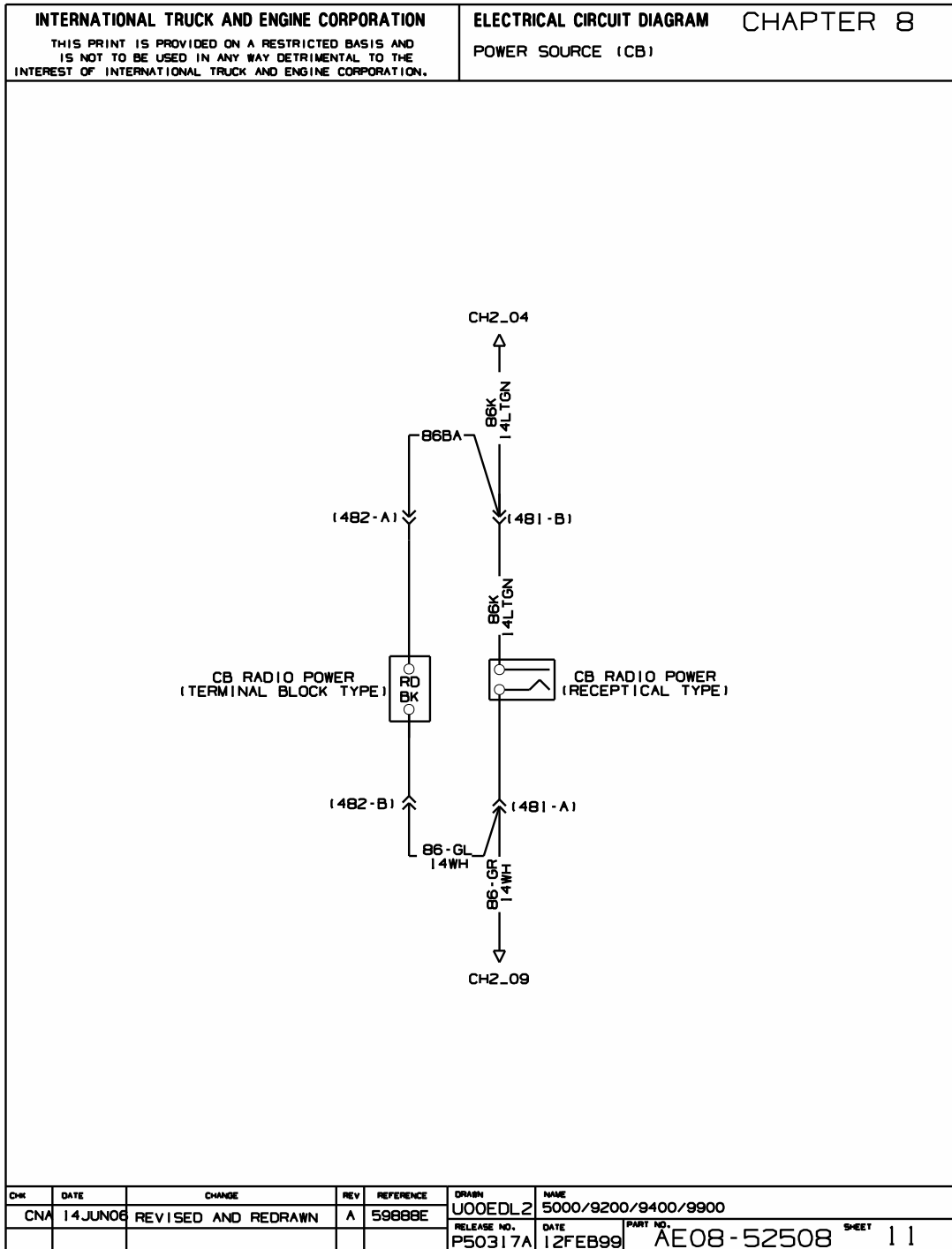


Figure 122 Power Source (CB)

8.12. RADIO-CB ACCOMMODATION PACKAGE, P. 12

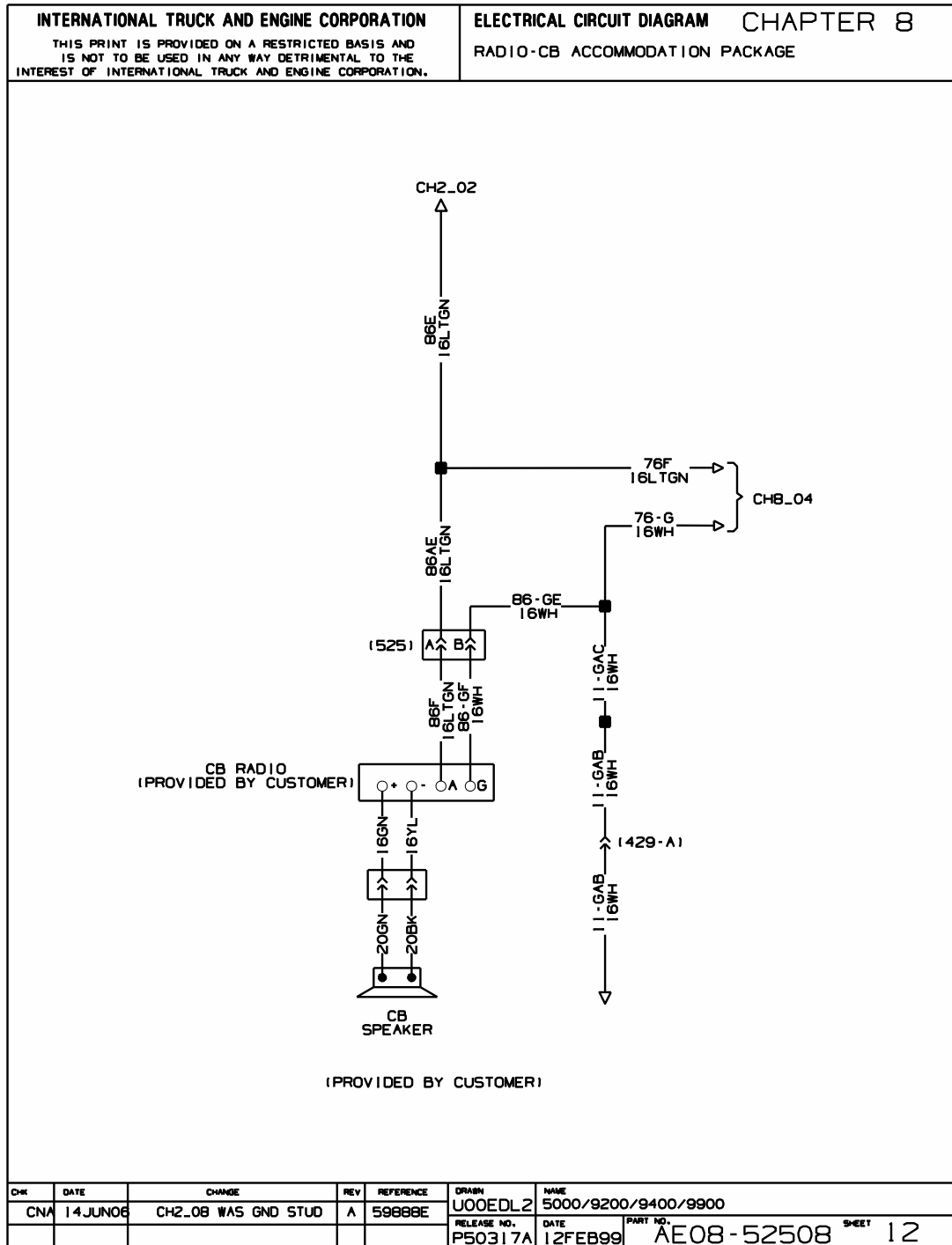


Figure 123 Radio-CB Accommodation Package

8.13. RADIO-CAB, SPEAKERS, P. 13

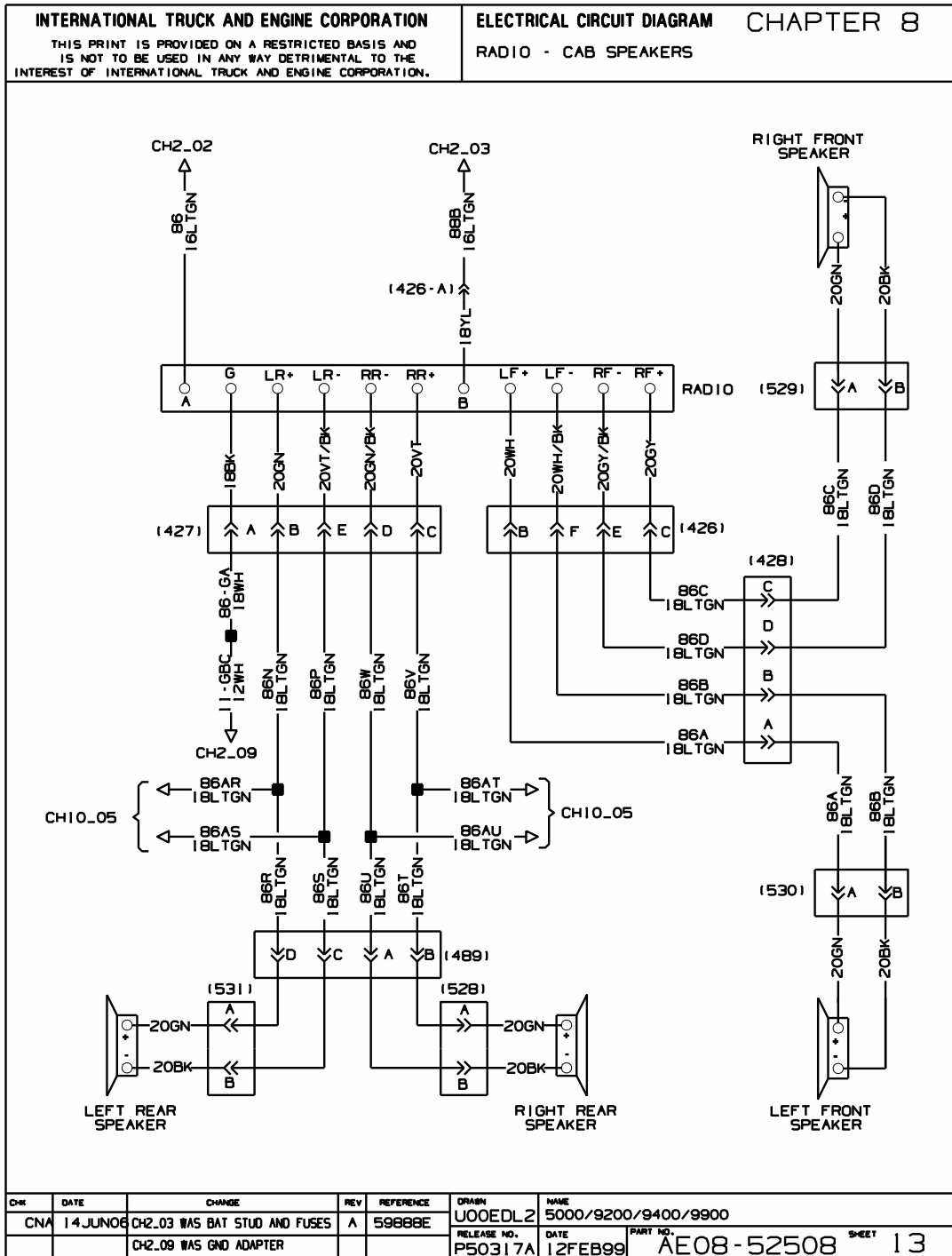


Figure 124 Radio-Cab Speakers

8.14. OWNER / OPERATOR SPARE SWITCH, P. 14

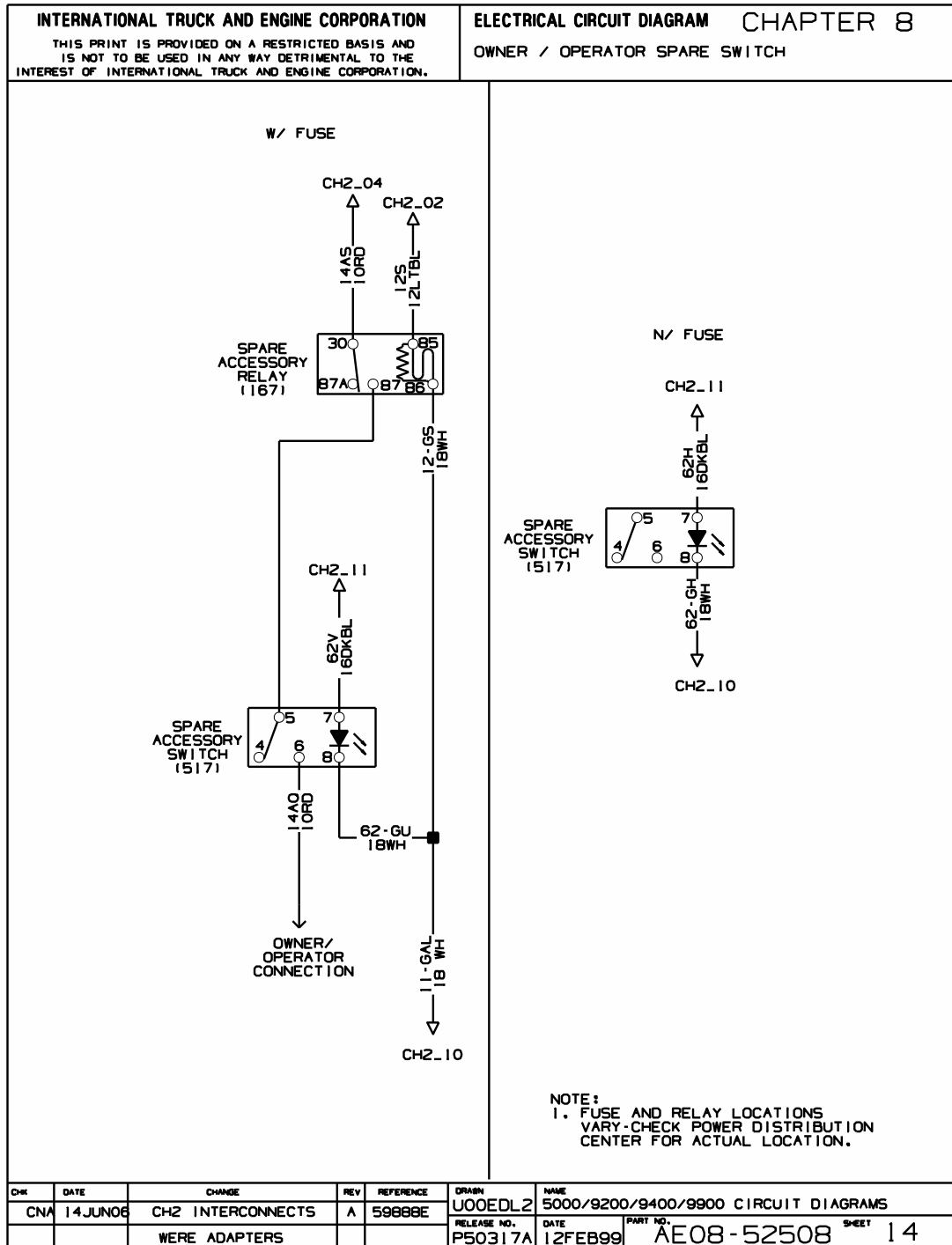


Figure 125 Owner / Operator Spare Switch

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

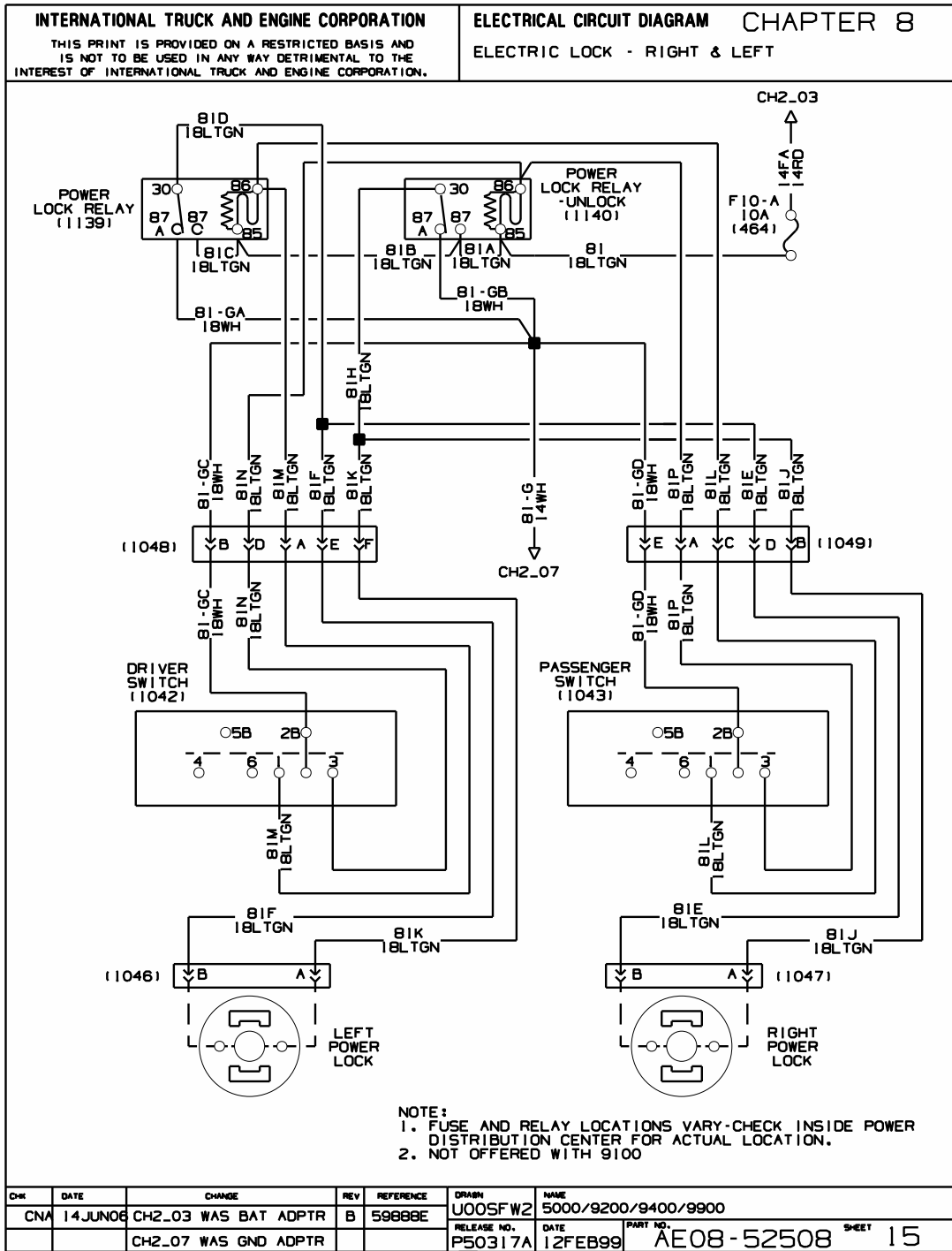


Figure 126 Electric Lock – Right and Left

8.16. INTERVISION DISPLAY, P. 16

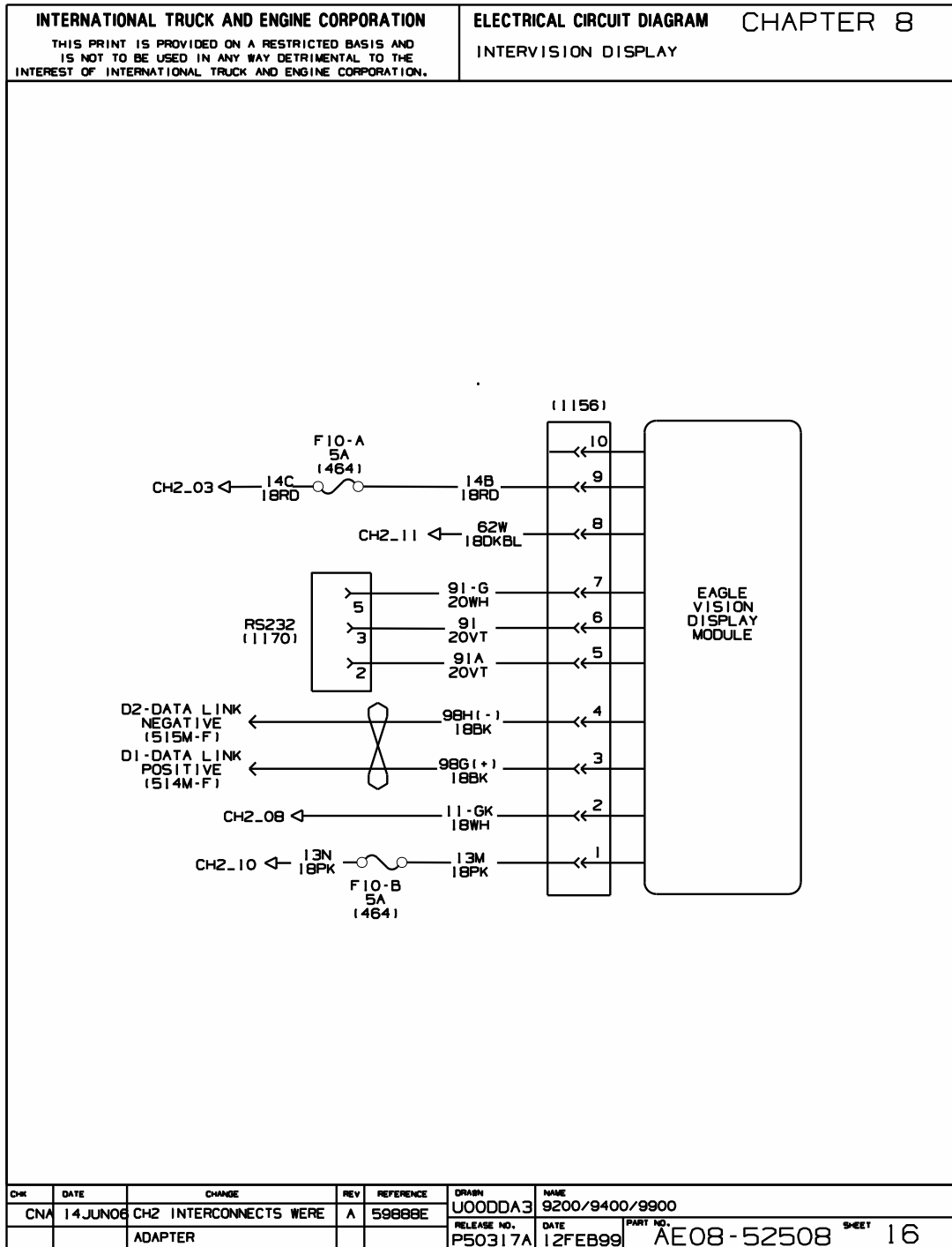


Figure 127 InterVision Display

8.17. EATON VORAD – COLLISION AVOIDANCE, P. 17

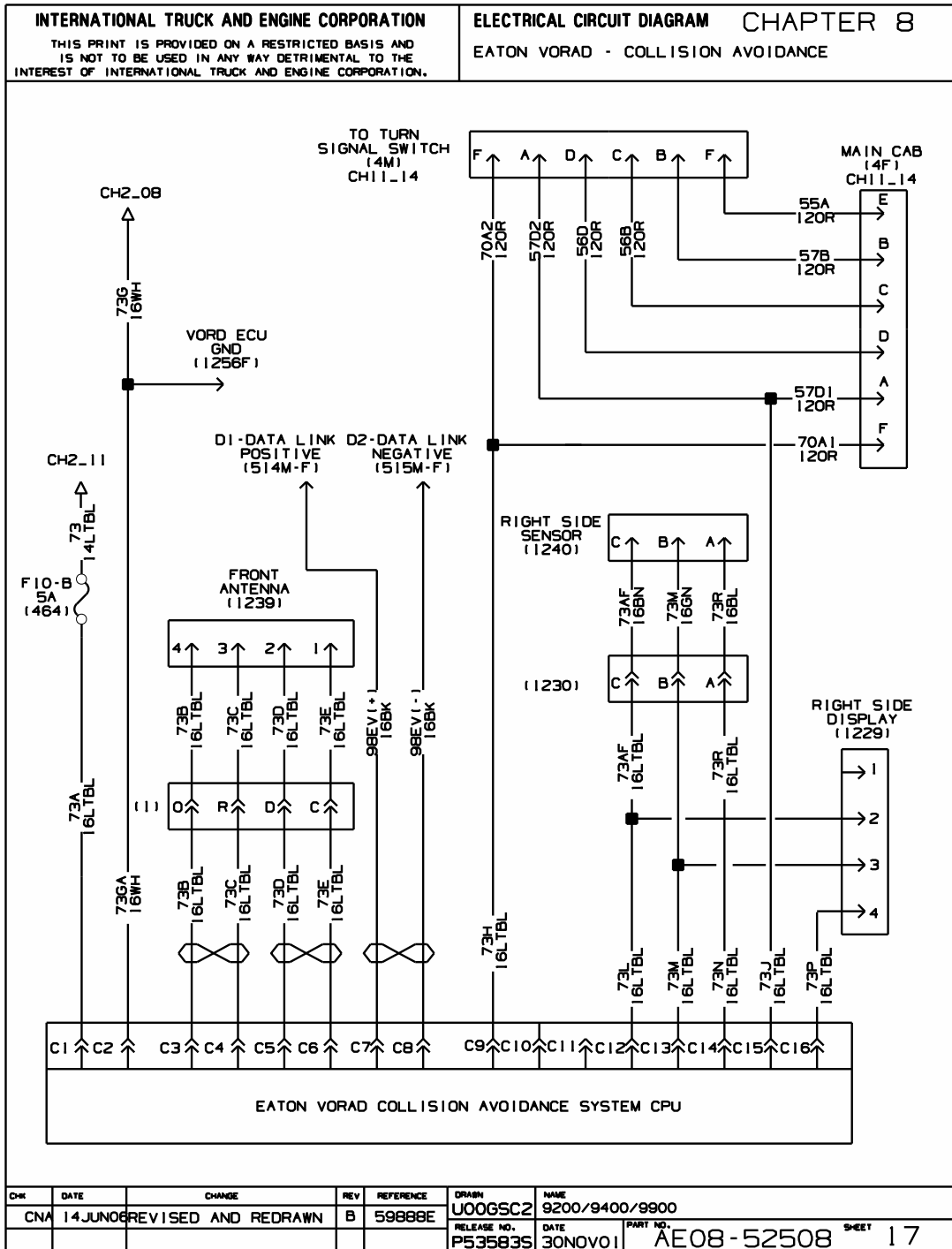


Figure 128 Eaton Vorad – Collision Avoidance

8.18. EATON VORAD – COLLISION AVOIDANCE, P. 18

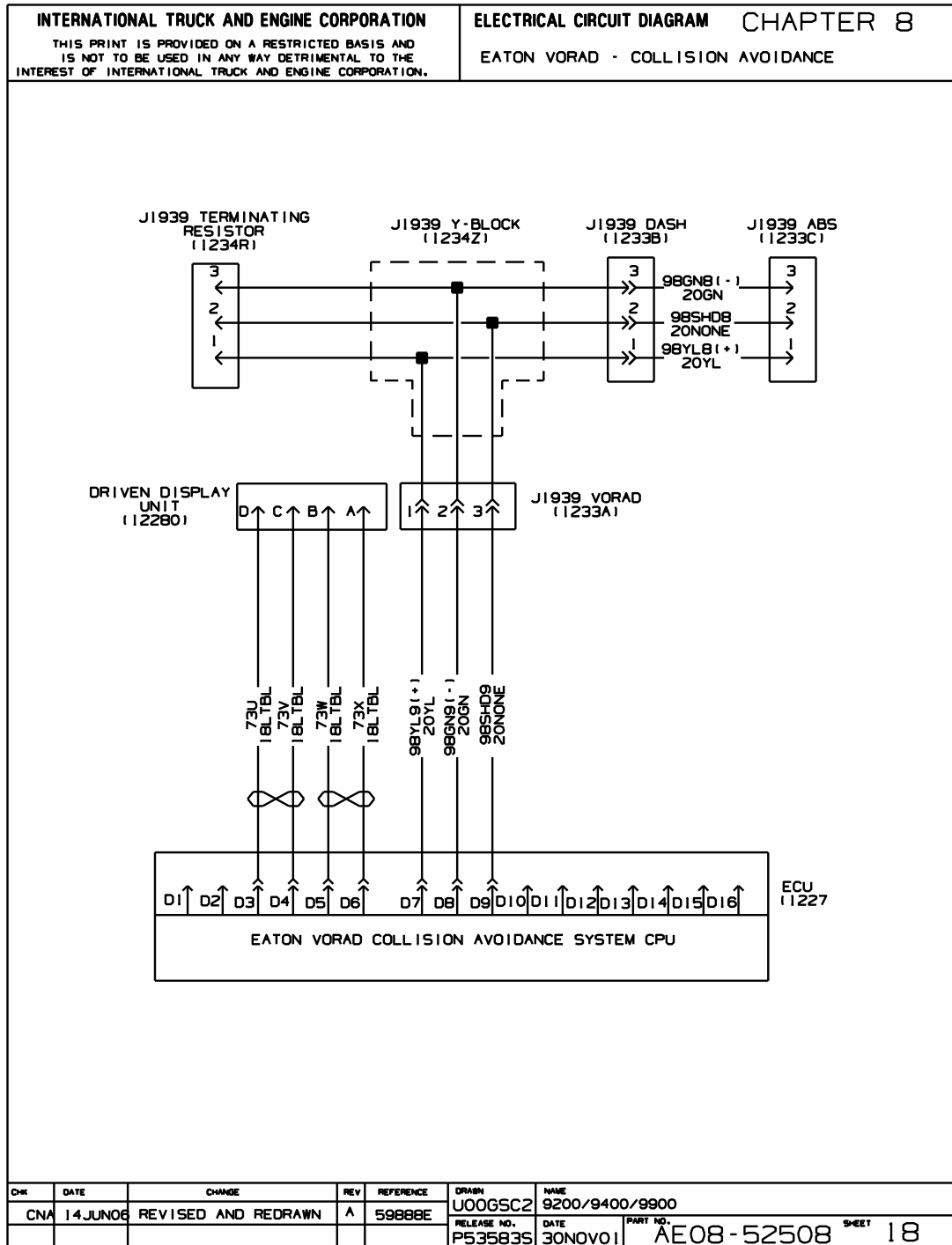


Figure 129 Eaton Vorad — Collision Avoidance

8.19. TEMPERATURE / COMPASS DISPLAY, P. 19

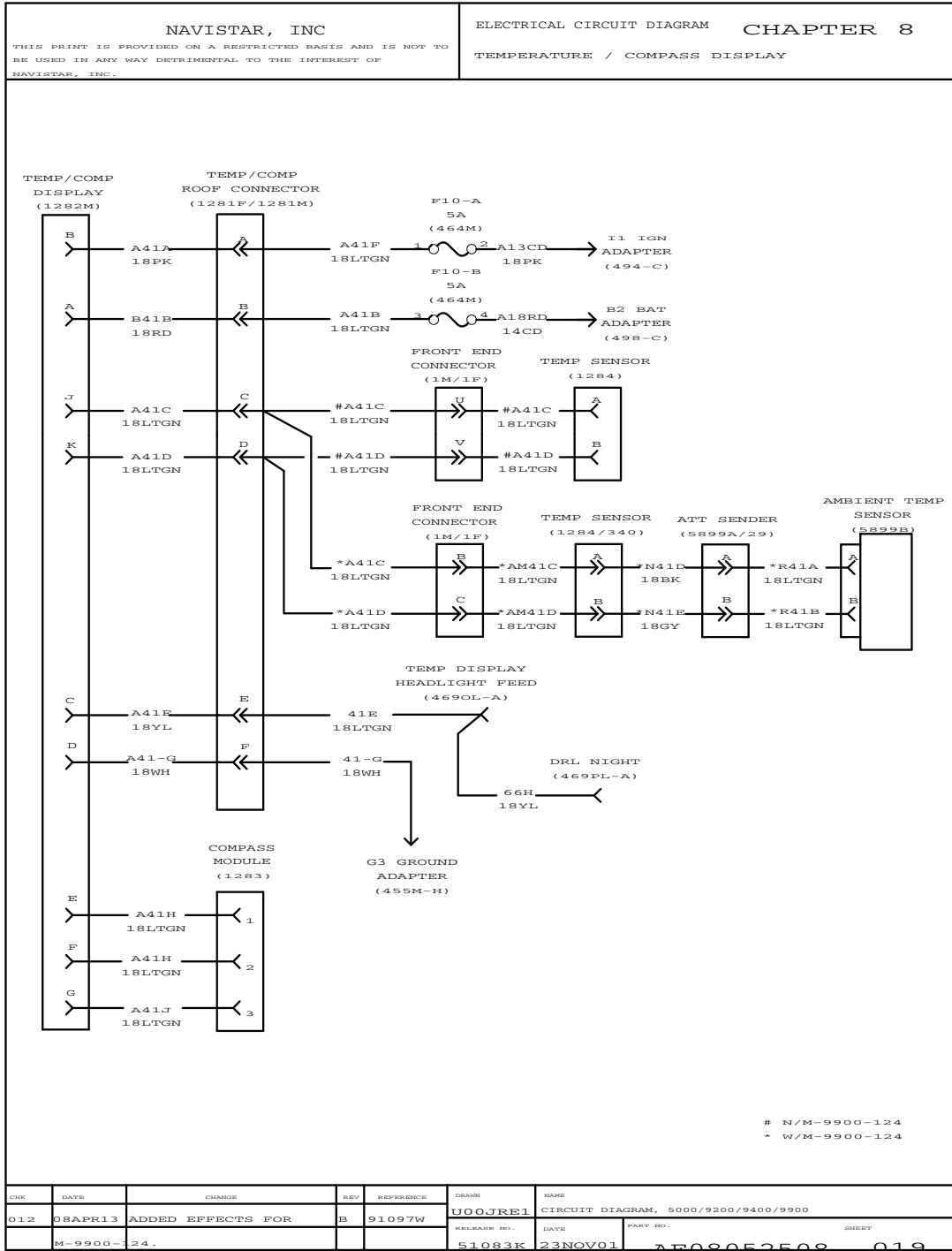


Figure 130 Temperature / Compass Display

8.20. ROAD RELAY IV, P. 20

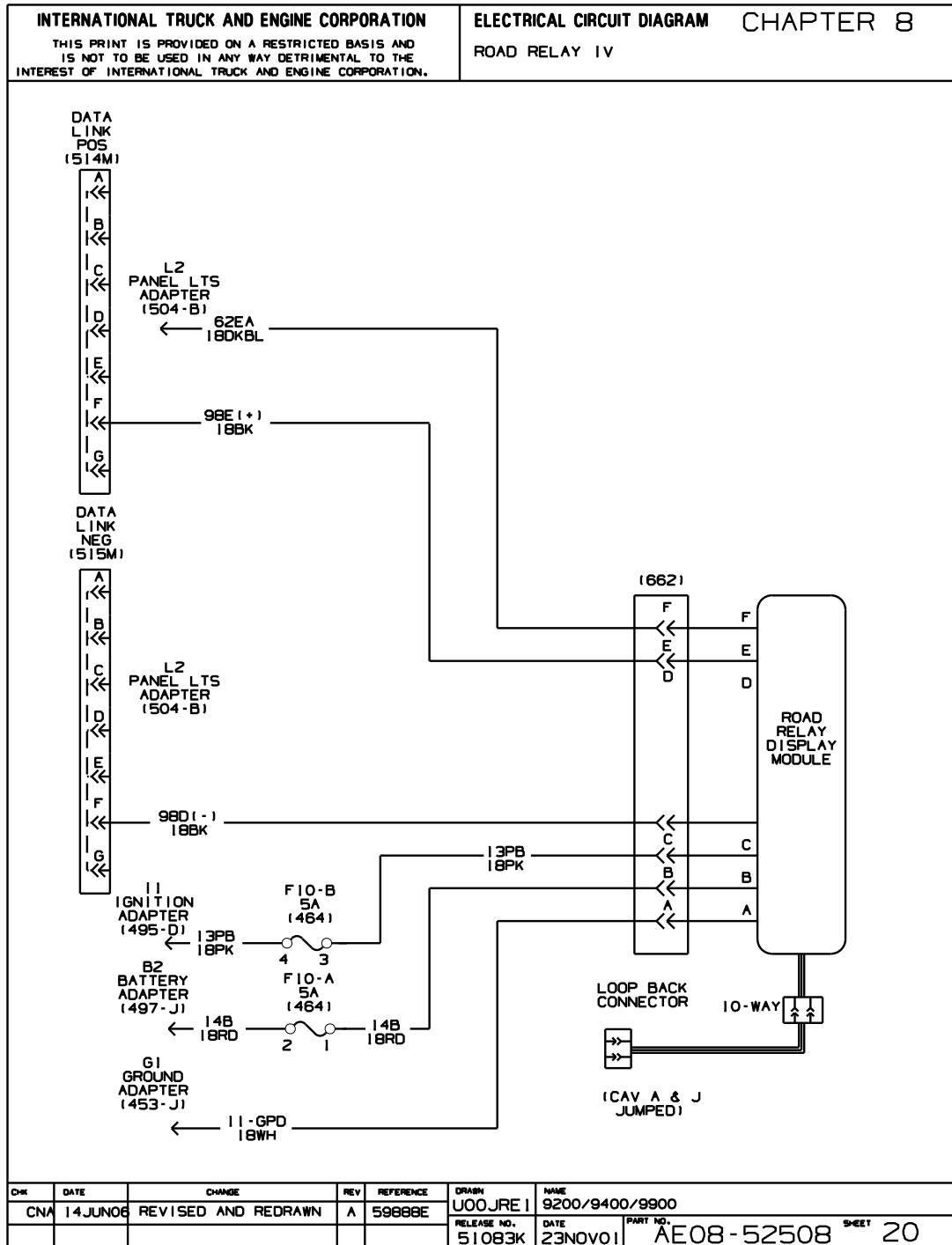


Figure 131 Road Relay IV

8.21. HEATED SEAT – DRIVER, P. 21

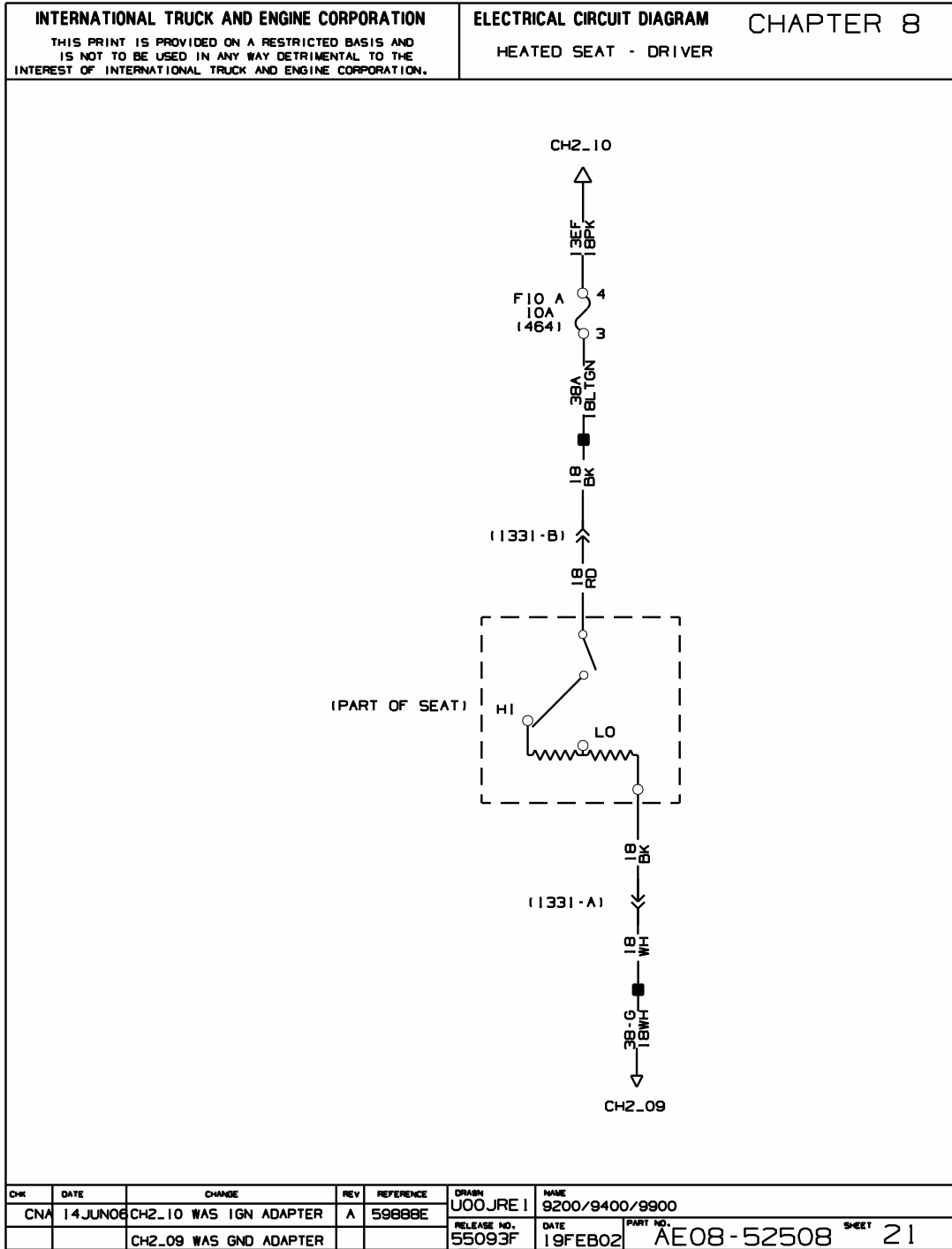


Figure 132 Heated Seat – Driver

8.22. HEATED SEAT – PASSENGER, P. 22

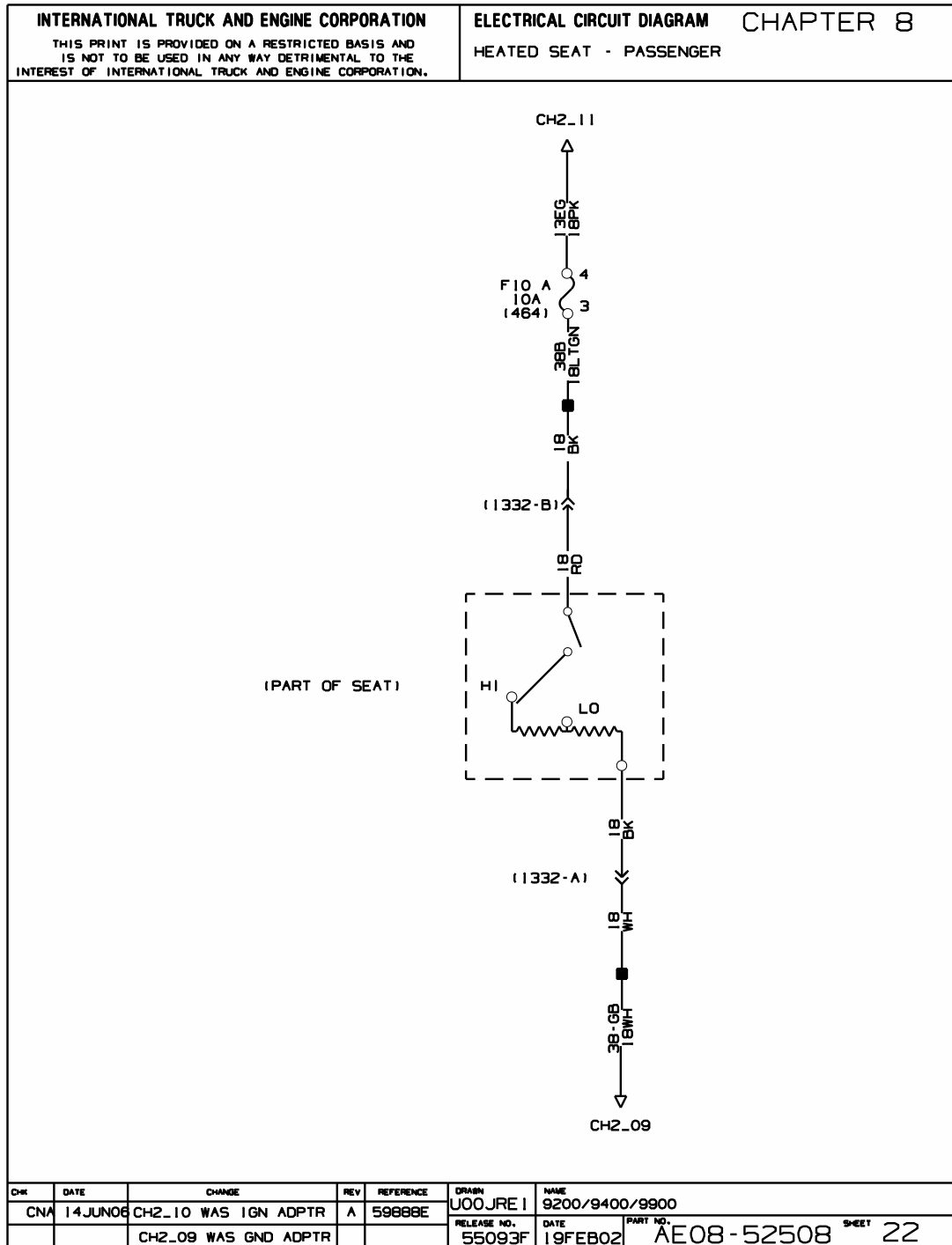


Figure 133 Heated Seat – Passenger

8.23. ELECTRIC WINDSHIELD WIPER WITH INTERMITTENT WIPE AND WASH WITH ARMORED CAB, P. 23

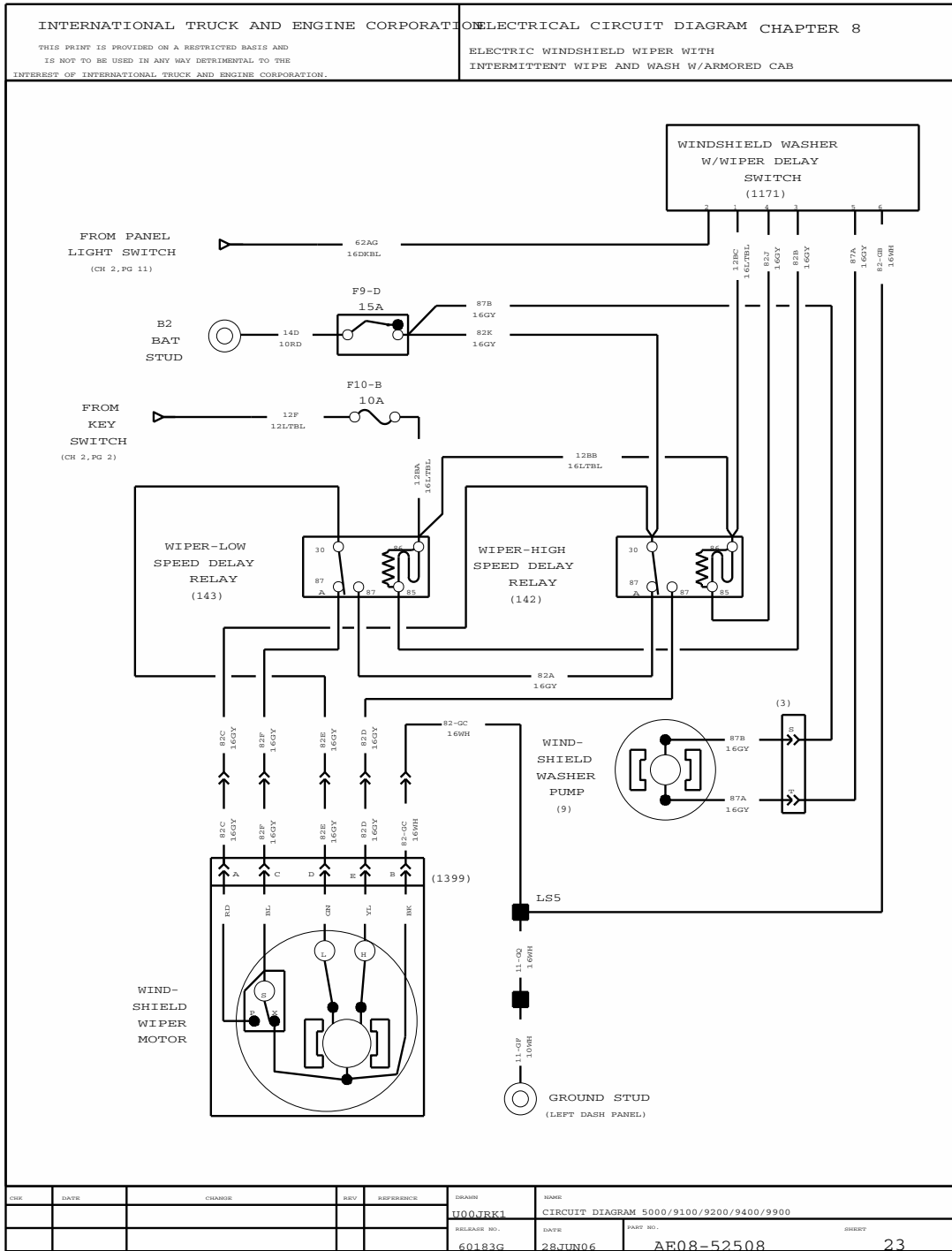


Figure 134 Electric Windshield Wiper with Intermittent Wipe and Wash with Armored Cab

8.24. BATTERY DISCHARGE PROTECTION SYSTEM, P. 24

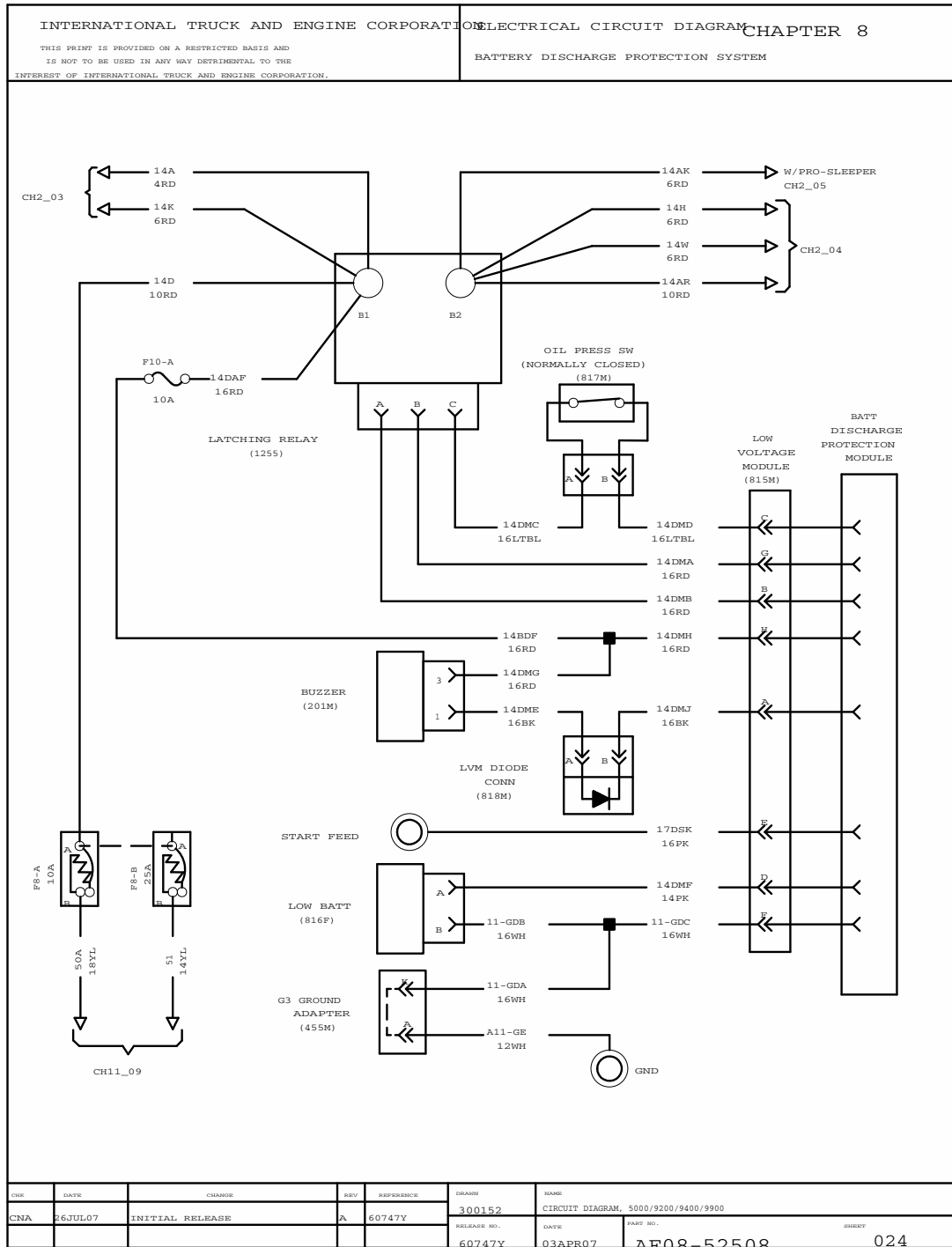


Figure 135 Battery Discharge Protection System

8.25. BATTERY DISCHARGE PROTECTION SYSTEM WITH TEMPERATURE COMPENSATION, P. 25

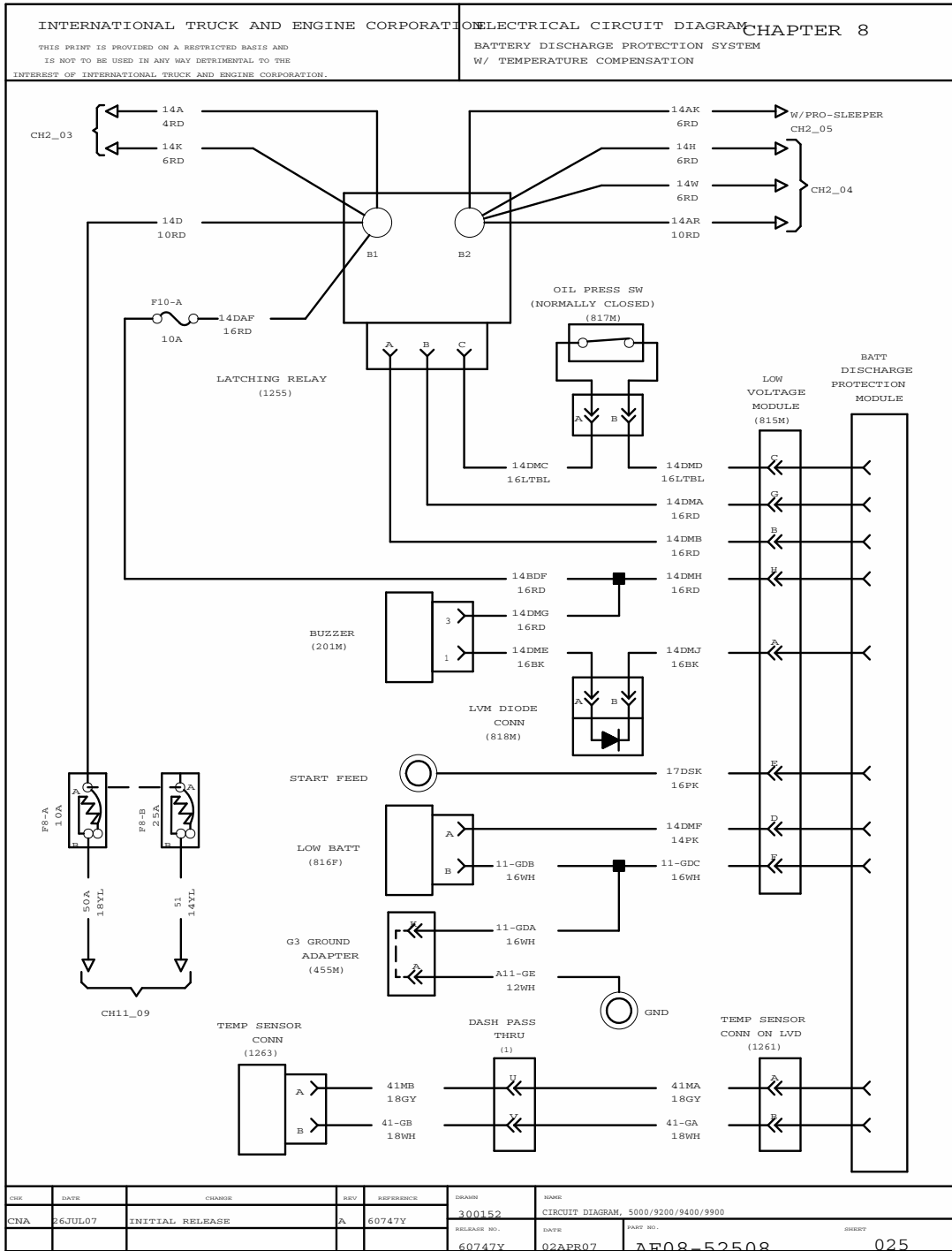


Figure 136 Battery Discharge Protection System with Temperature Compensation

8.26. MONSOON PREMIUM SOUND SYSTEM, P. 26

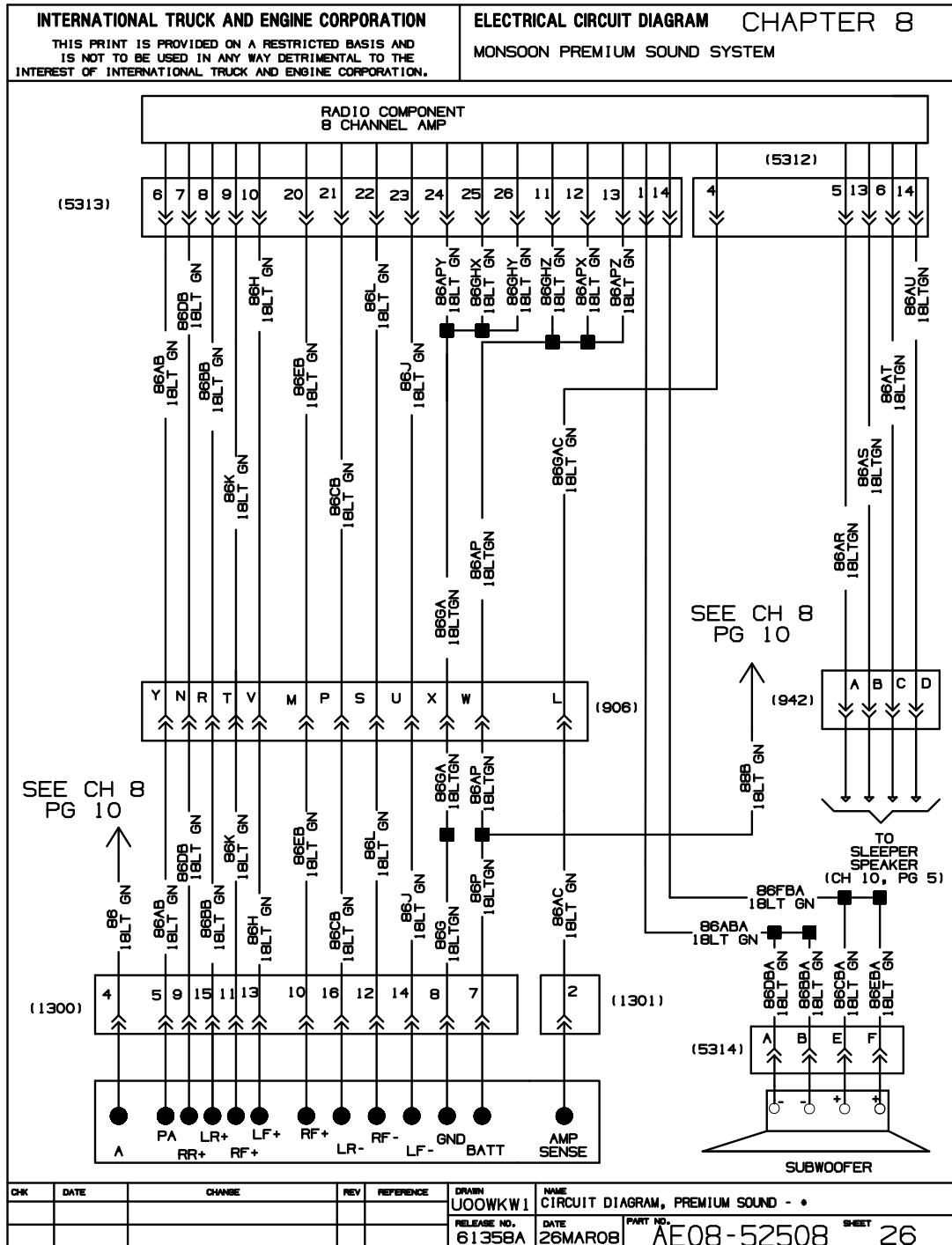


Figure 137 Monsoon Premium Sound System

8.27. MONSOON PREMIUM SOUND SYSTEM, P. 27

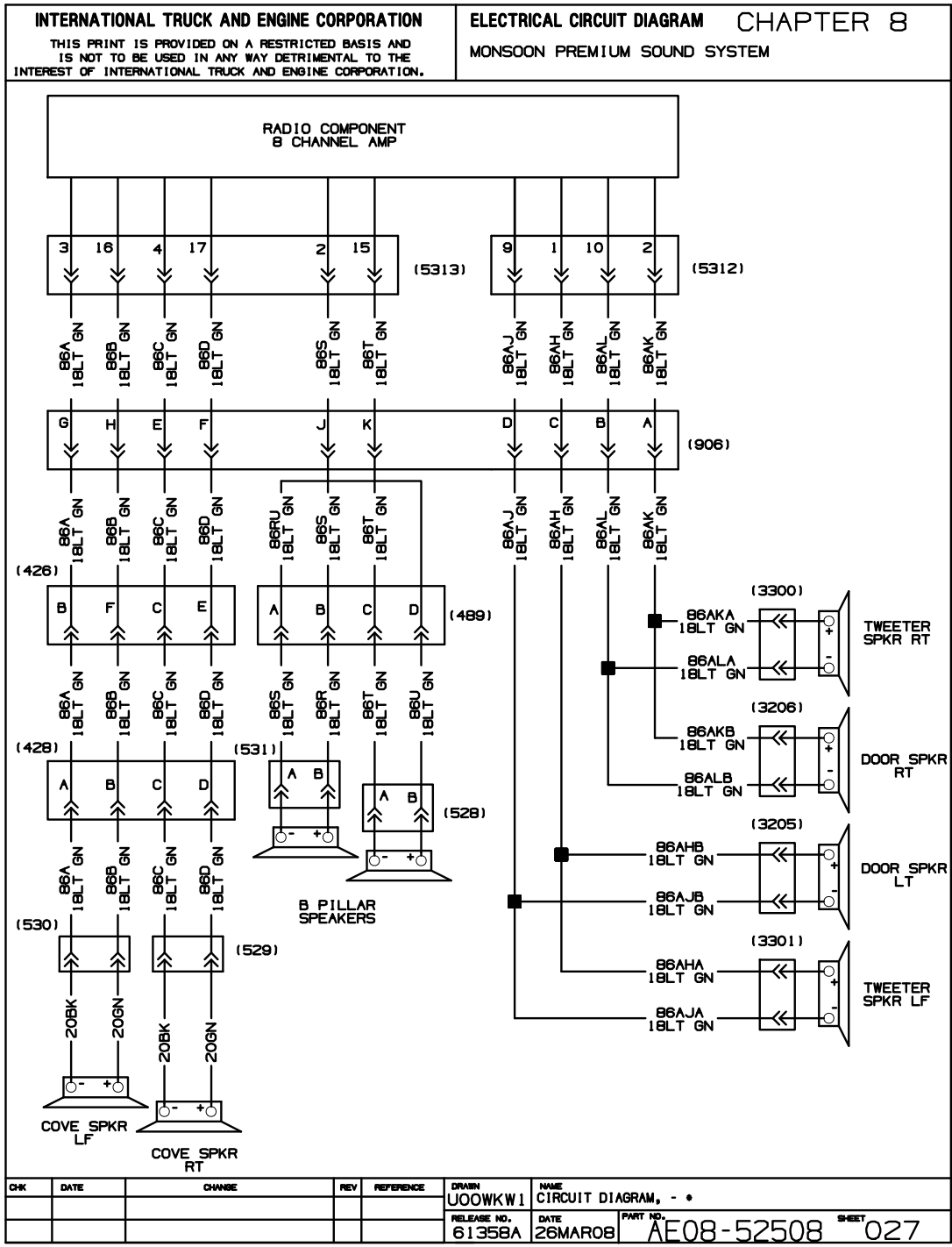


Figure 138 Monsoon Premium Sound System

8.28. AUX POWER SOURCE WIRING, P. 28

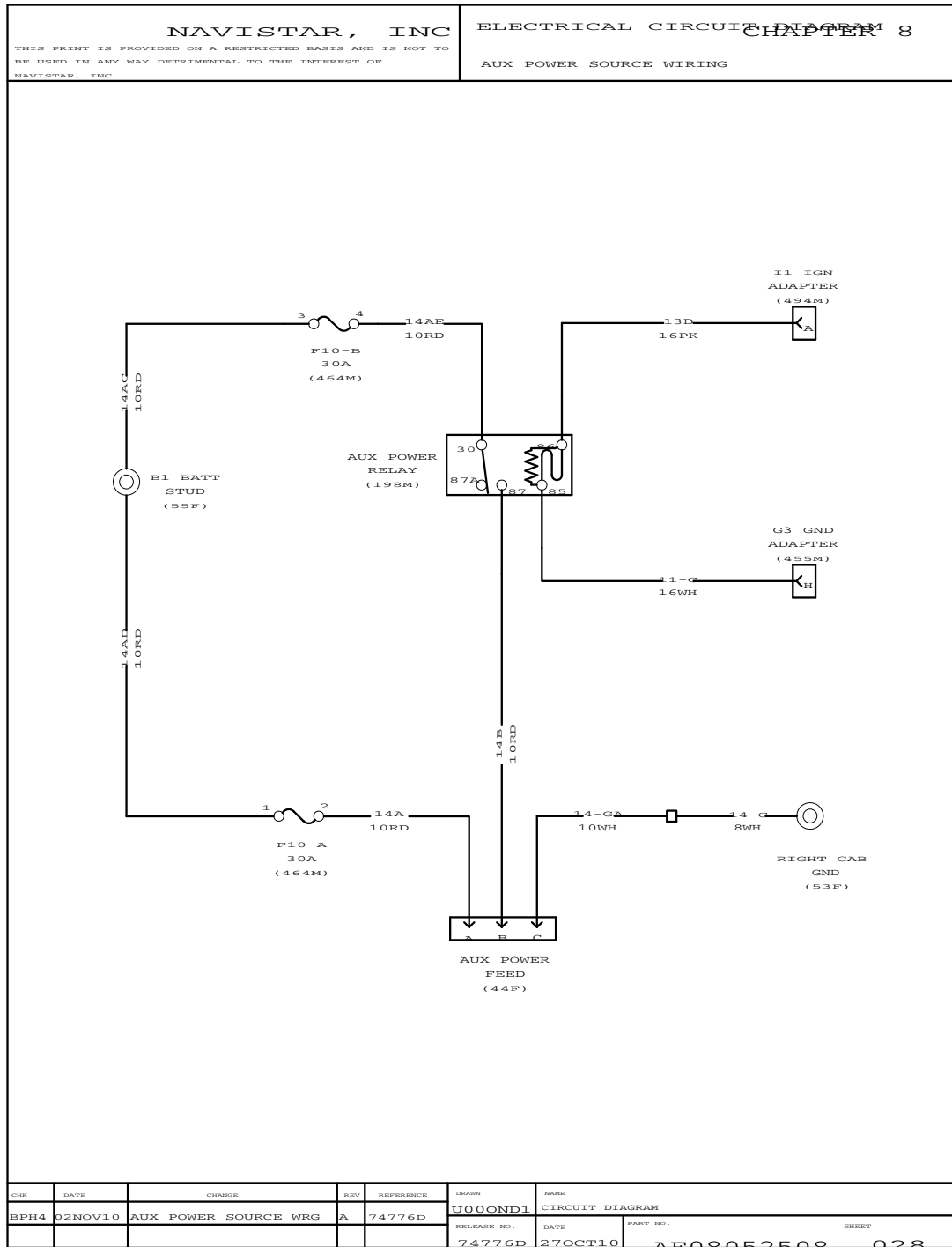


Figure 139 Aux Power Source Wiring

CHASSIS ACCESSORIES (CHAPTER 9)

9.1. AIR DRYER, P. 1

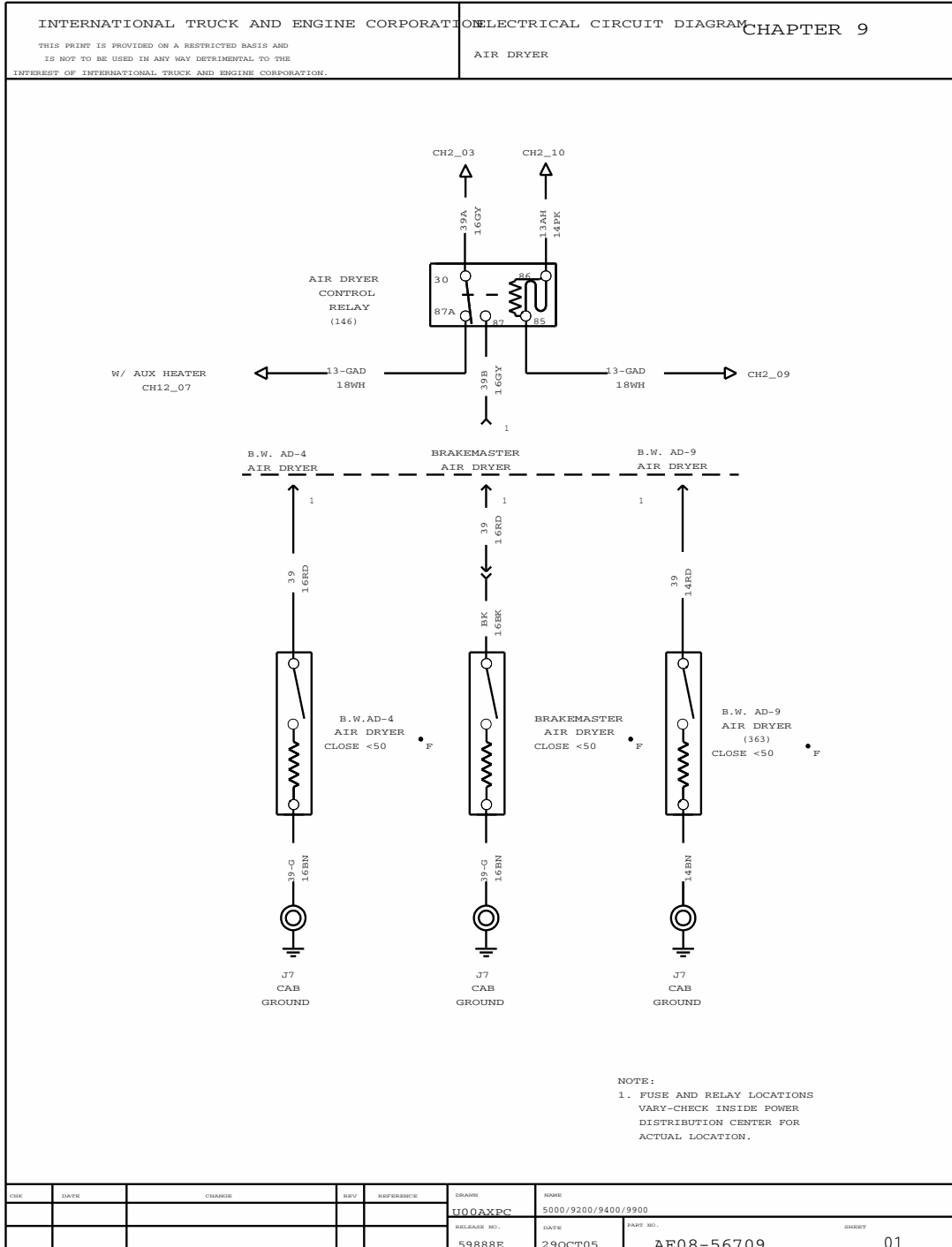


Figure 140 Air Dryer

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

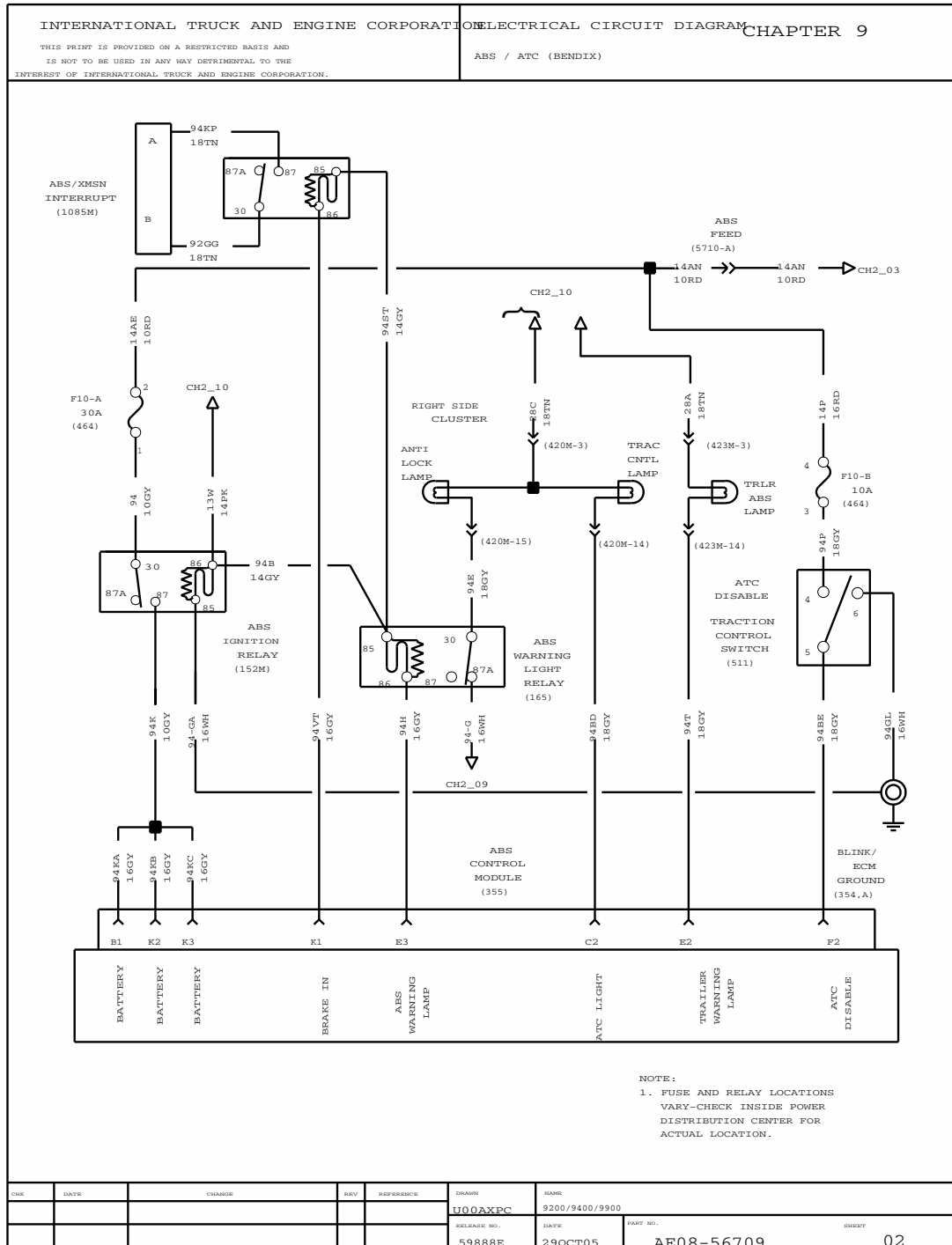


Figure 141 ABS / ATC (Bendix)

9.3. ABS / ATC (BENDIX) LEFT CONTROL, P. 3

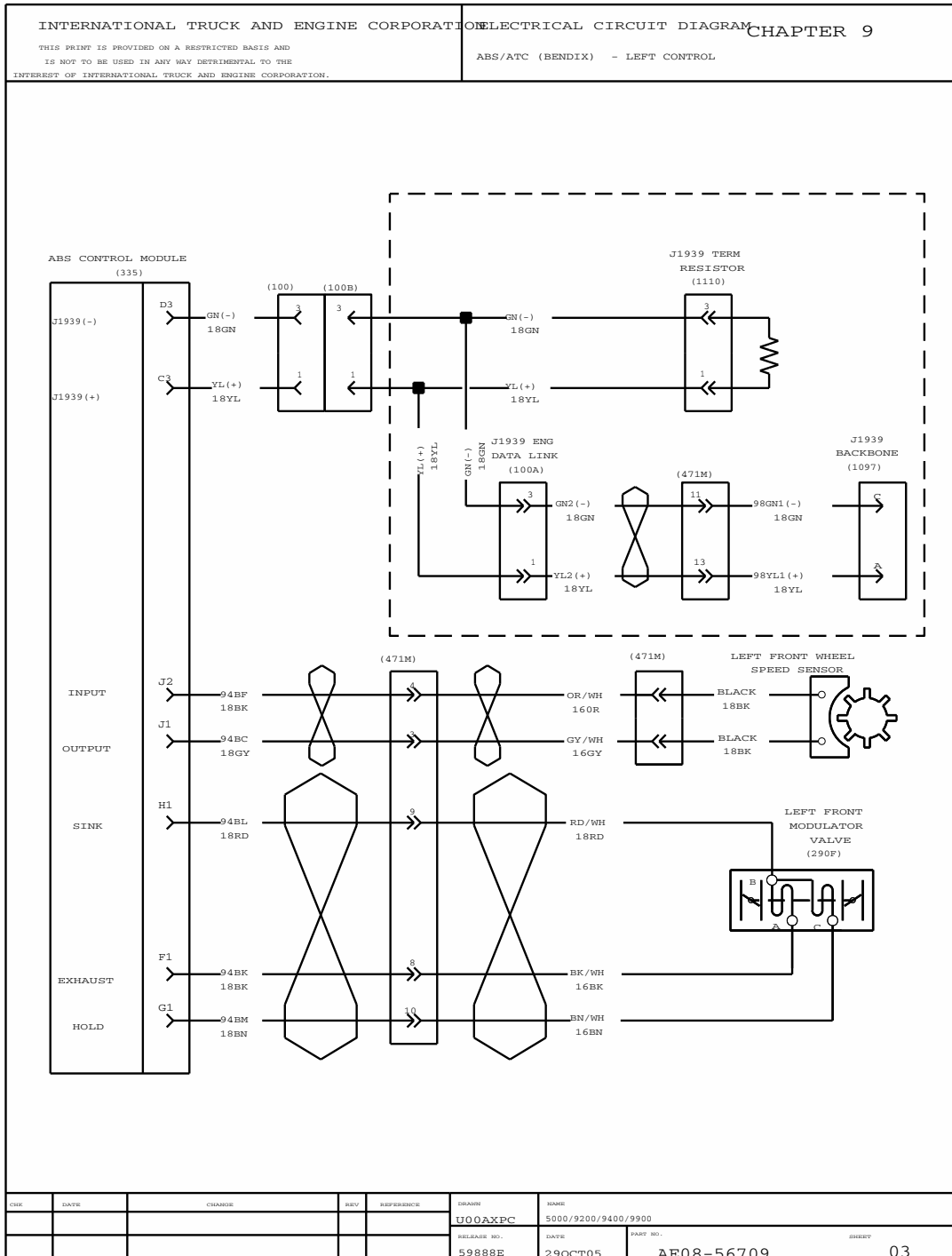


Figure 142 ABS / ATC (Bendix) Left Control

9.4. ABS / ATC (BENDIX) (CONT.), P. 4

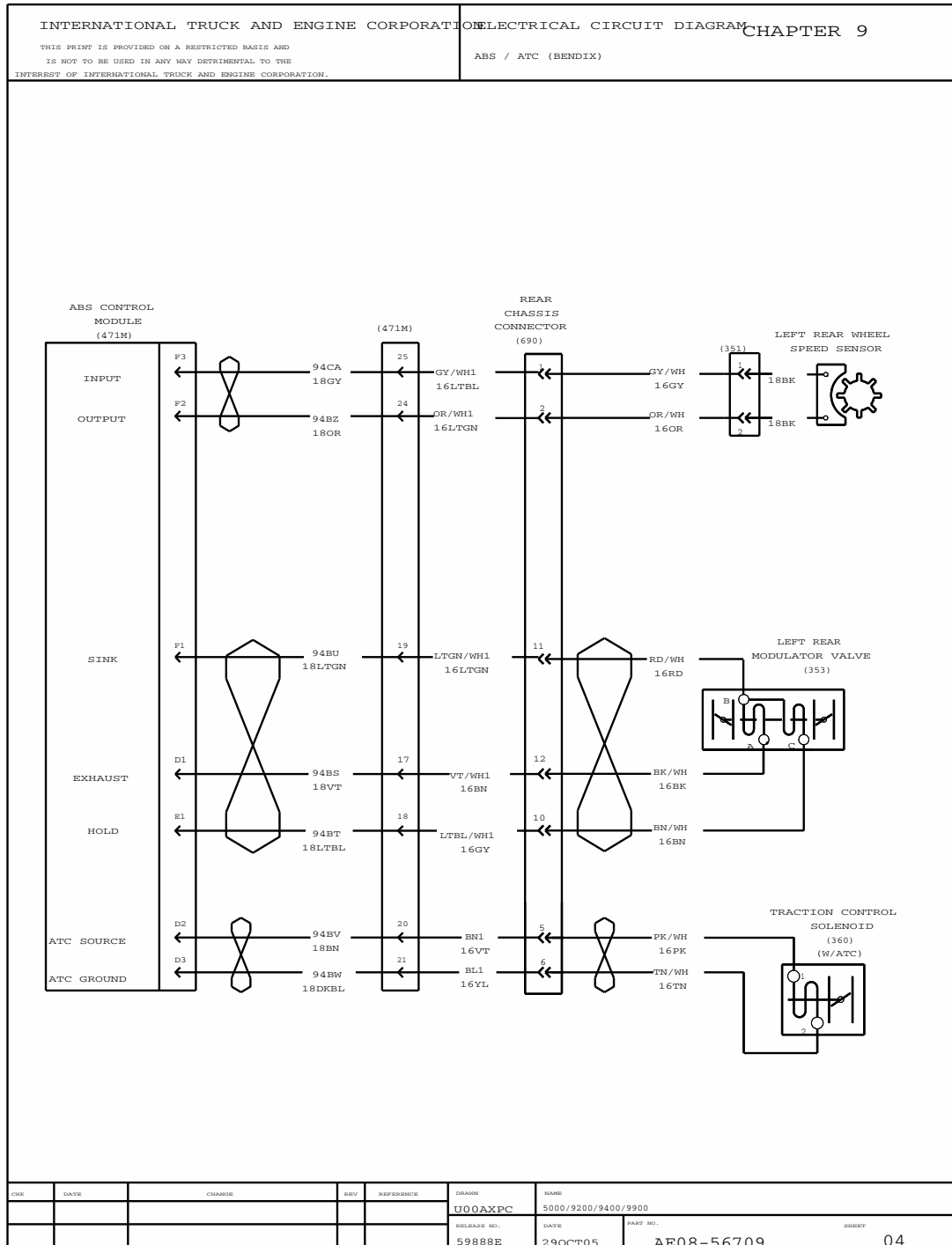


Figure 143 ABS / ATC (Bendix) (Cont.)

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

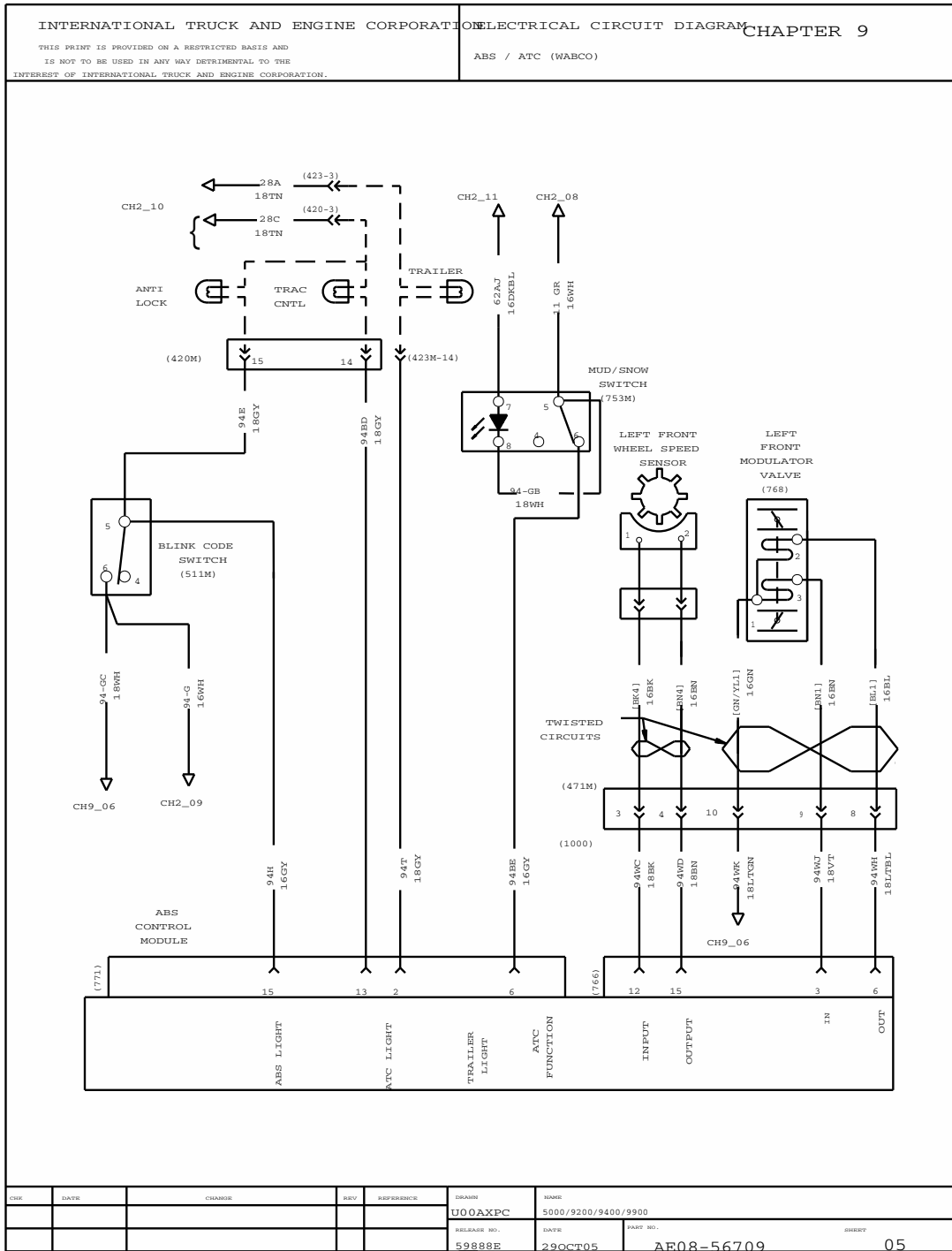


Figure 144 ABS / ATC (WABCO)

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

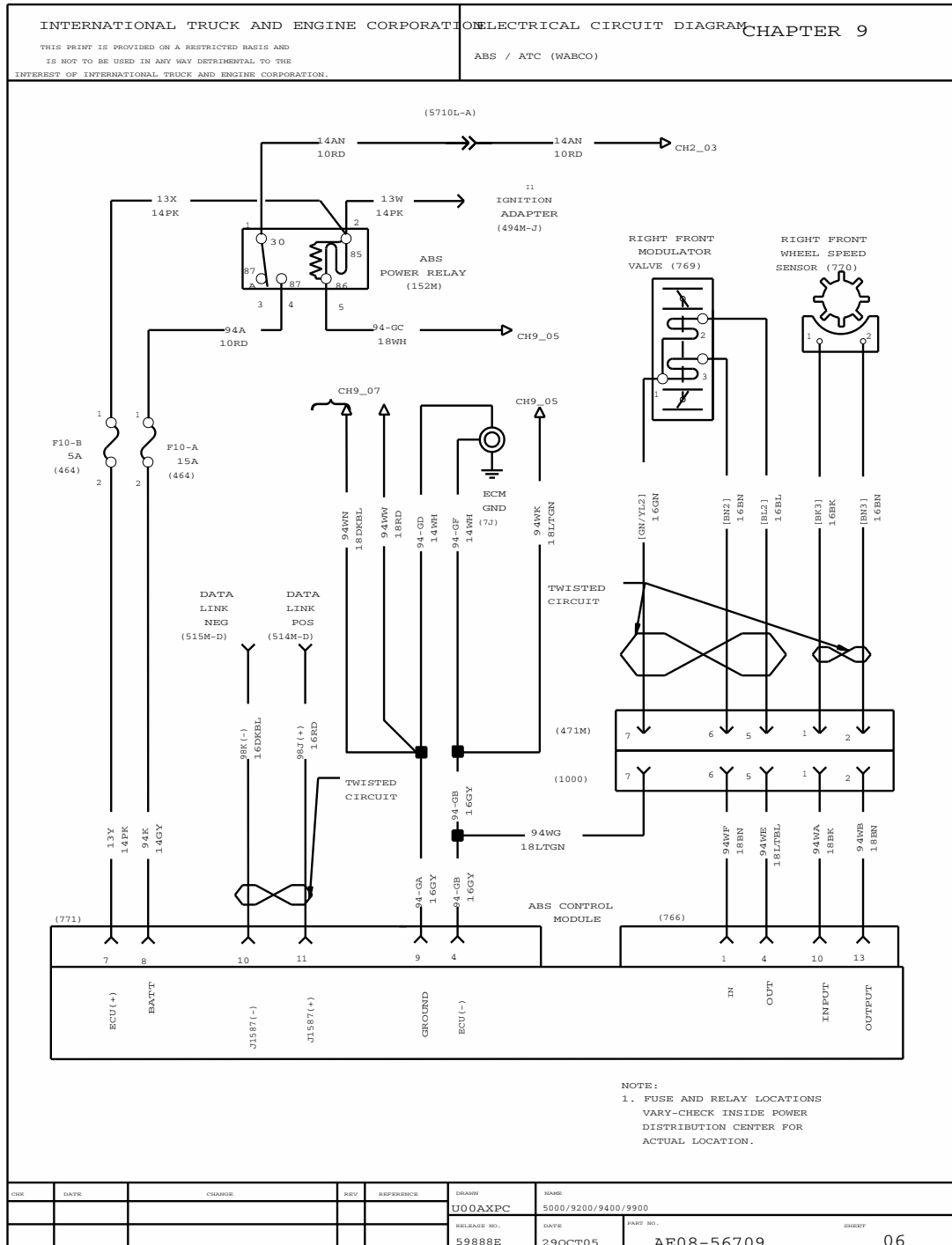


Figure 145 ABS / ATC (WABCO) (Cont.)

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

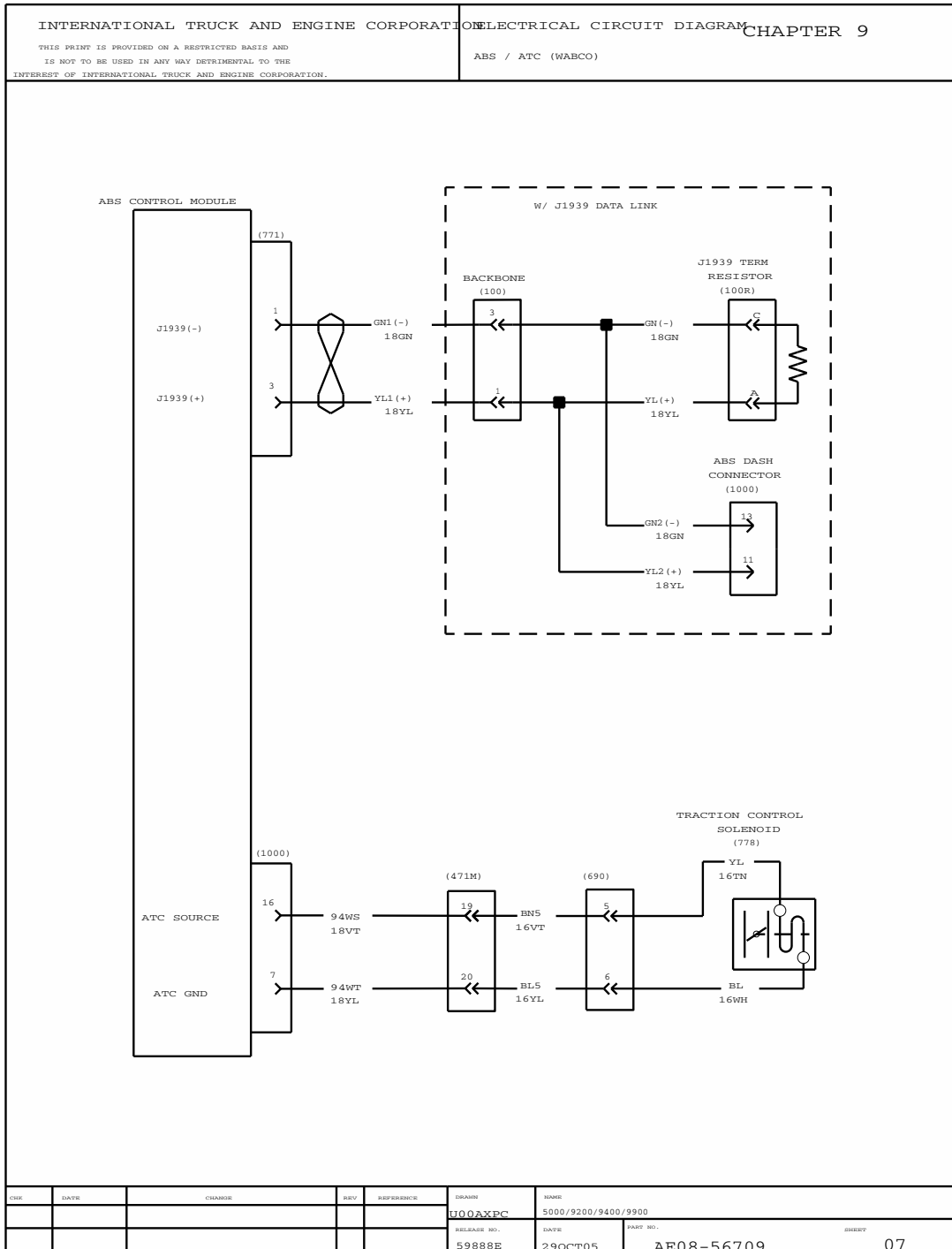


Figure 146 ABS / ATC (WABCO) (Cont.)

9.8. ABS / ATC (WABCO) (CONT.), P. 8

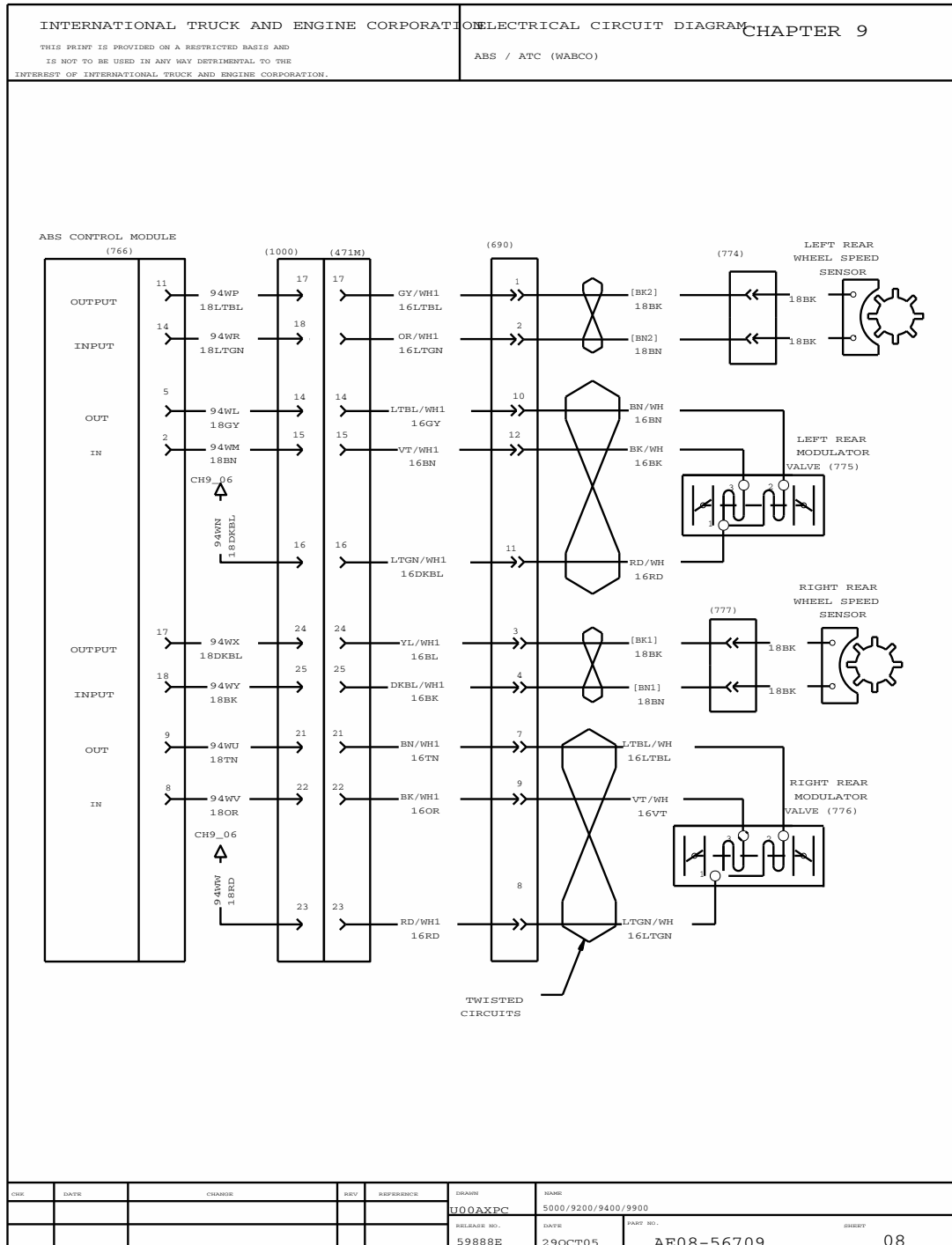


Figure 147 ABS / ATC (WABCO) (Cont.)

9.9. TRAILER CONNECTION WITH FOUR WHEEL TRAILER – FRAME MOUNTED, P. 9

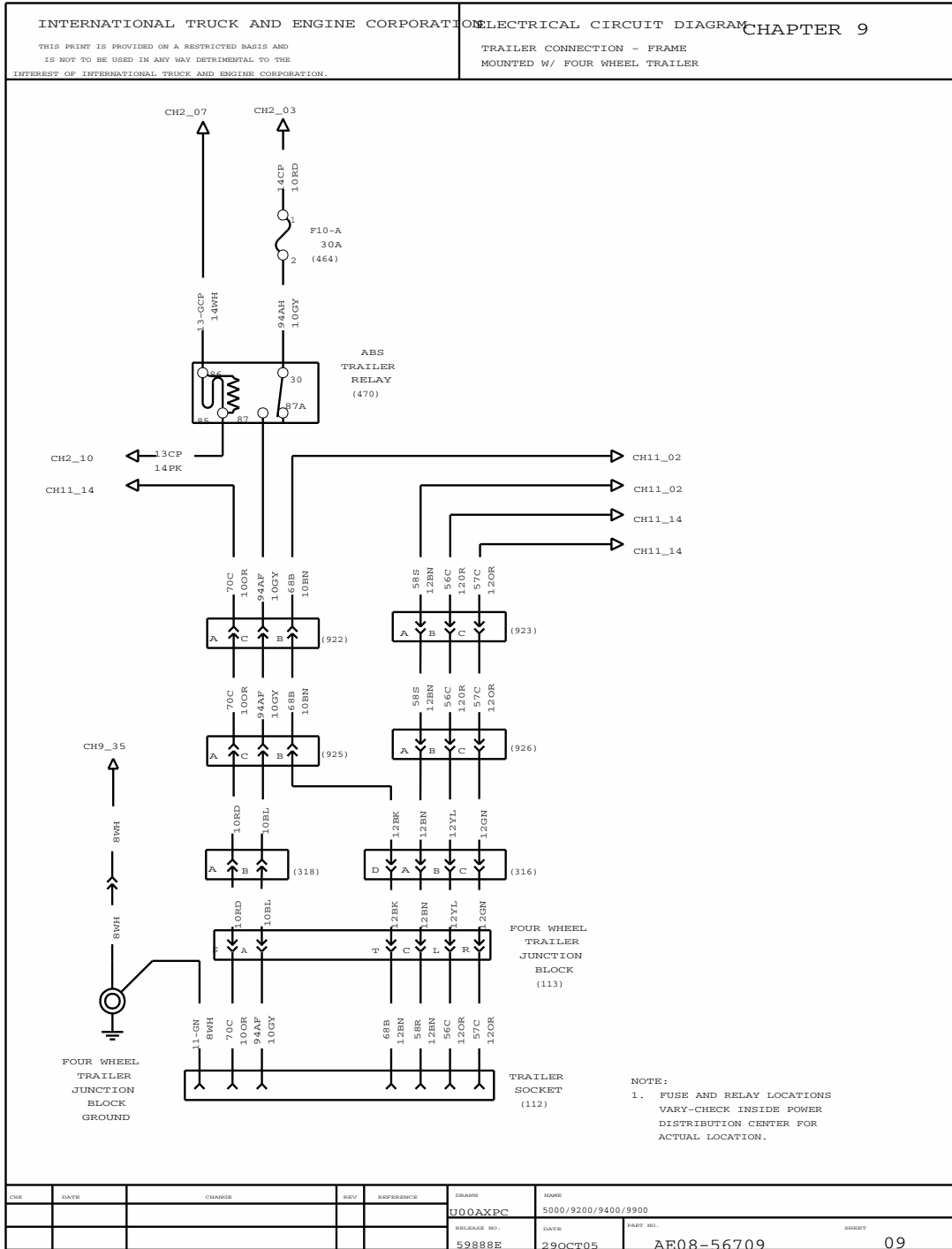


Figure 148 Trailer Connection with Four Wheel Trailer – Frame Mounted

9.10. TWO SPEED AXLE WIRING, P. 10

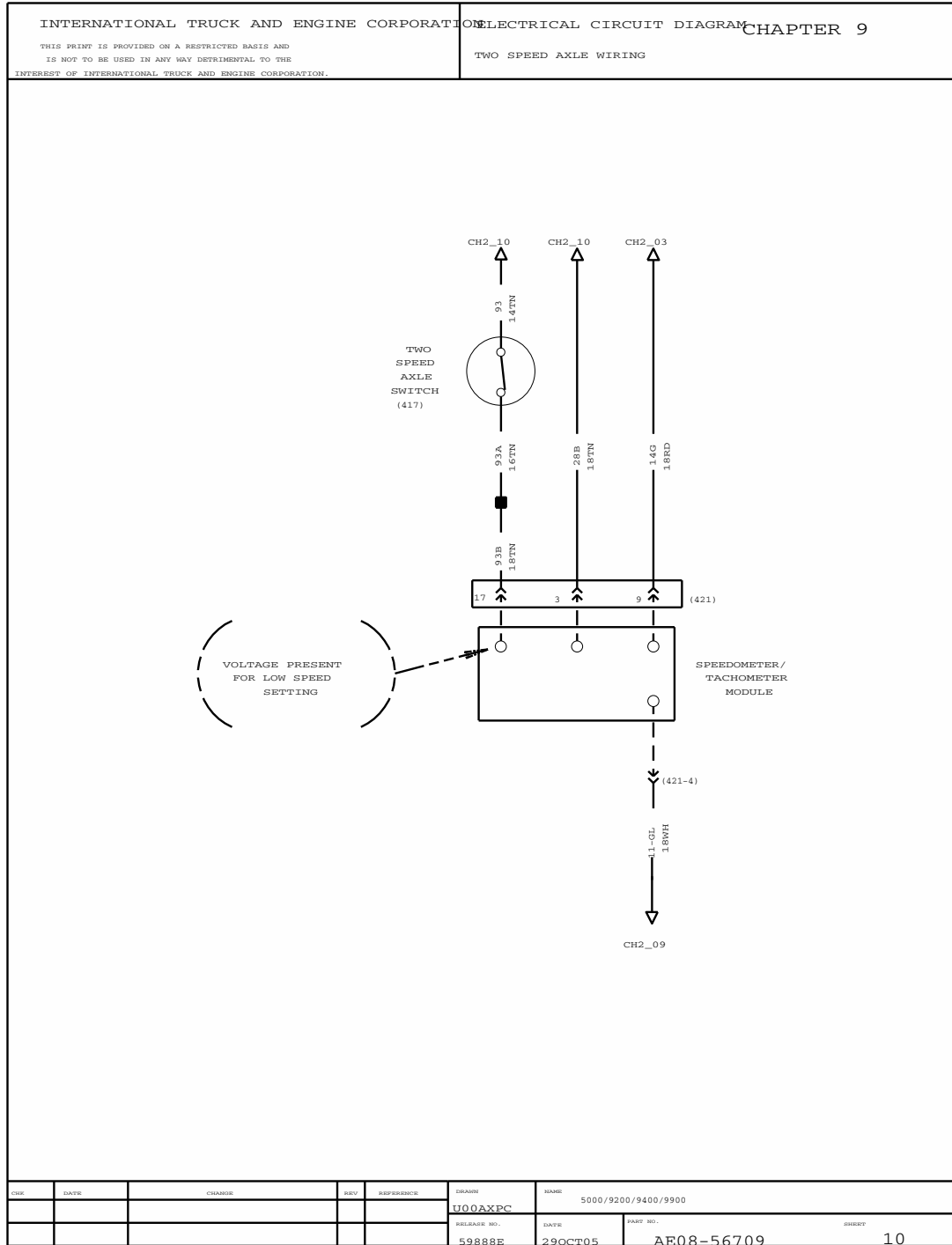


Figure 149 Two Speed Axle Wiring

9.11. TRUCK BODY CONNECTION, P. 11

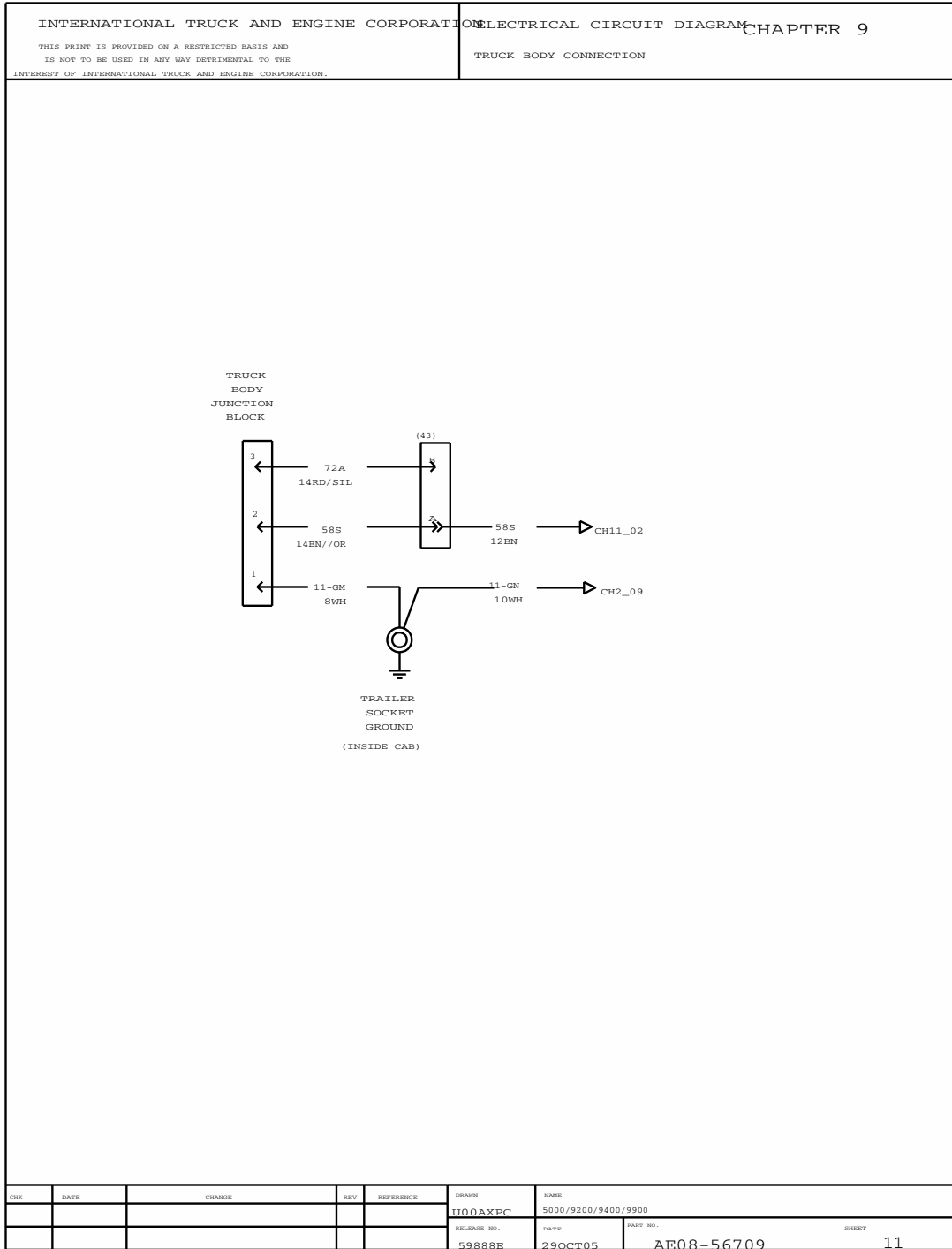


Figure 150 Truck Body Connection

9.12. TRAILER CONNECTION WITHOUT SLEEPER – BACK OF CAB MOUNTED WITH TRACTOR ABS, P. 12

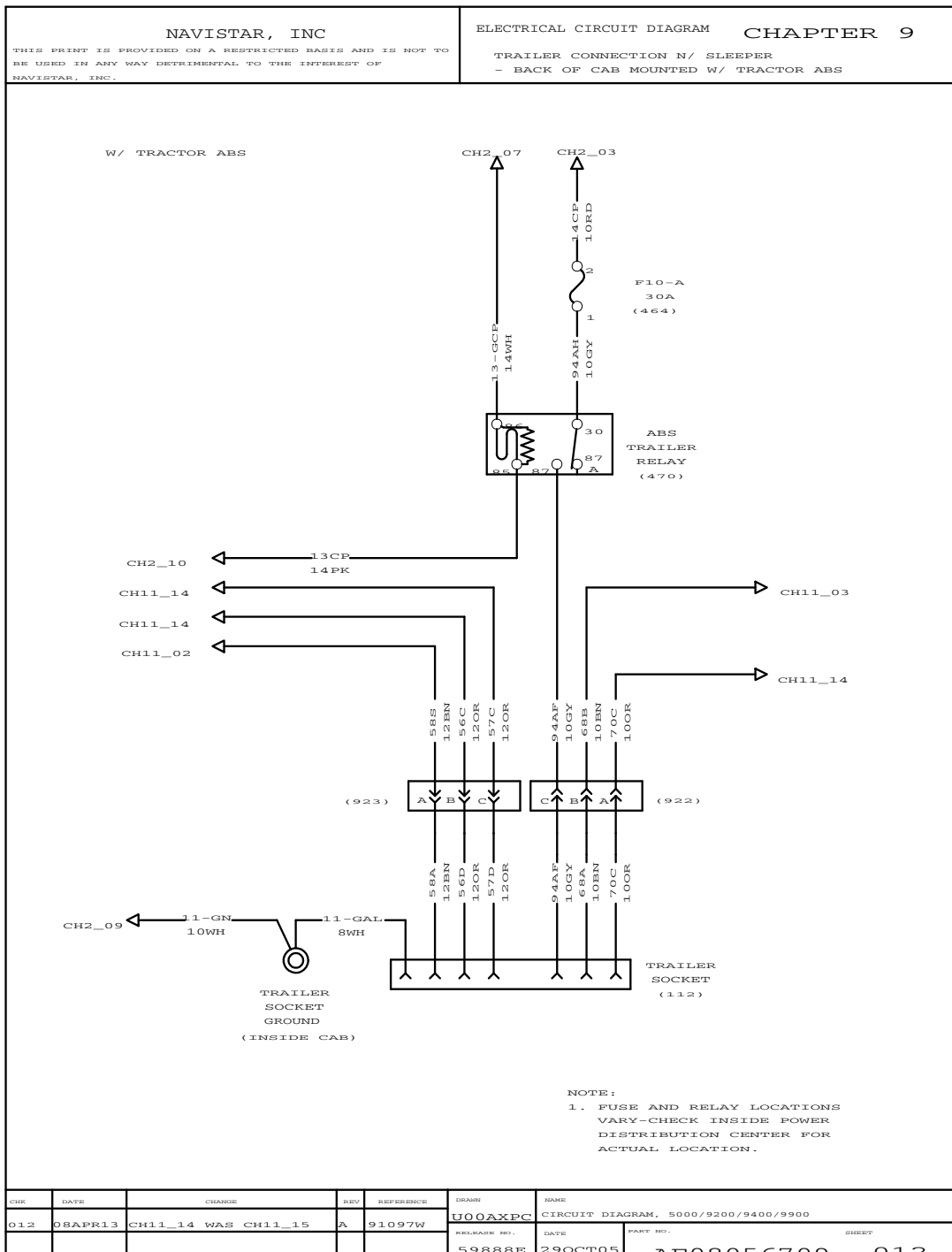


Figure 151 Trailer Connection without Sleeper – Back of Cab Mounted with Tractor ABS

9.13. TRAILER CONNECTION WITH FOUR WHEEL TRAILER – FRAME MOUNTED WITH 5000, P. 13

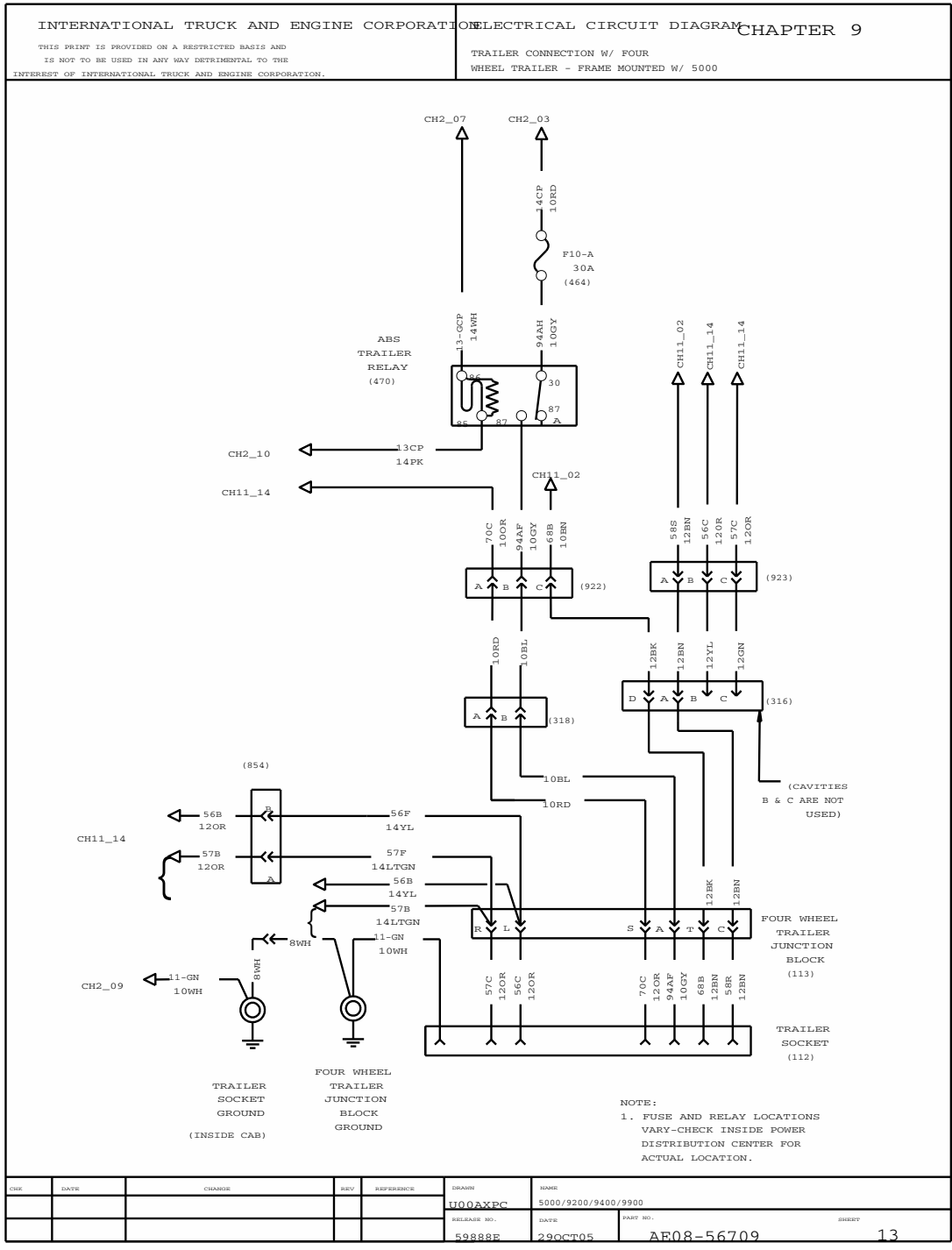


Figure 152 Trailer Connection with Four Wheel Trailer – Frame Mounted with 5000

9.14. MERITOR G SERIES TRANSMISSION, P. 14

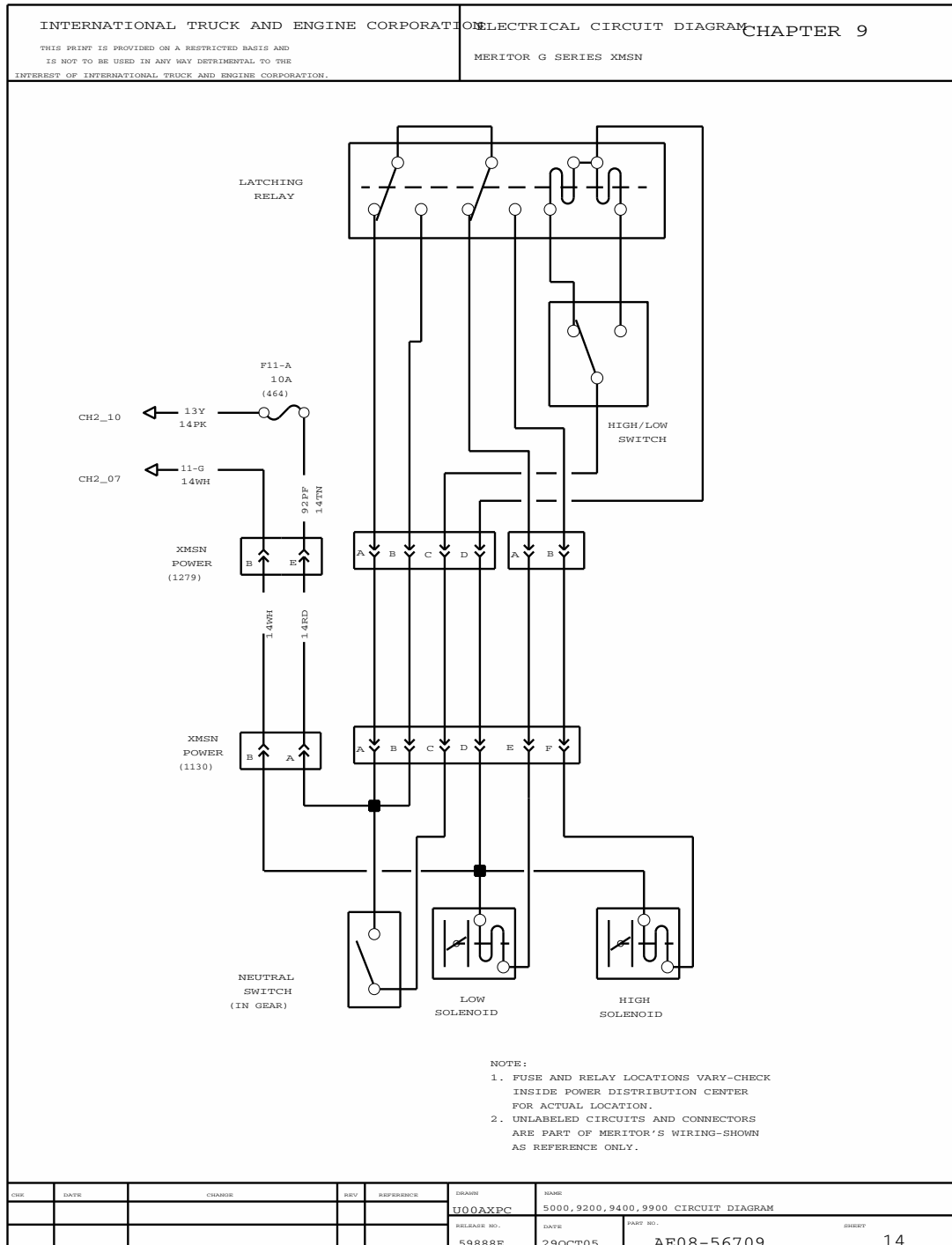


Figure 153 Meritor G Series Transmission

9.16. EATON ULTRASHIFT GEN III TRANSMISSION, P. 16

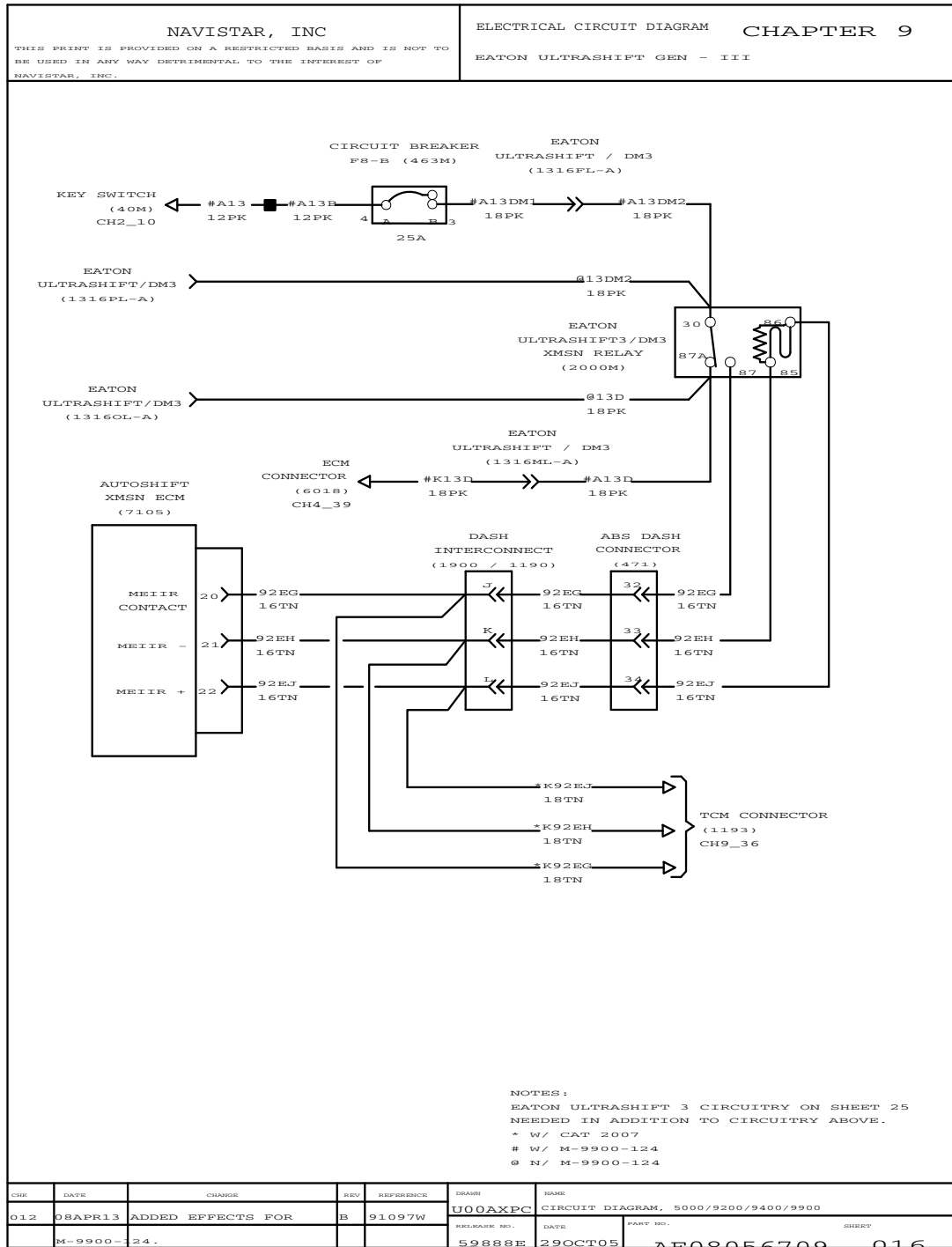


Figure 155 Eaton Ultrashift Gen III Transmission

9.17. EATON AUTOSHIFT GEN III WITH PUSH BUTTON SHIFTER, P. 17

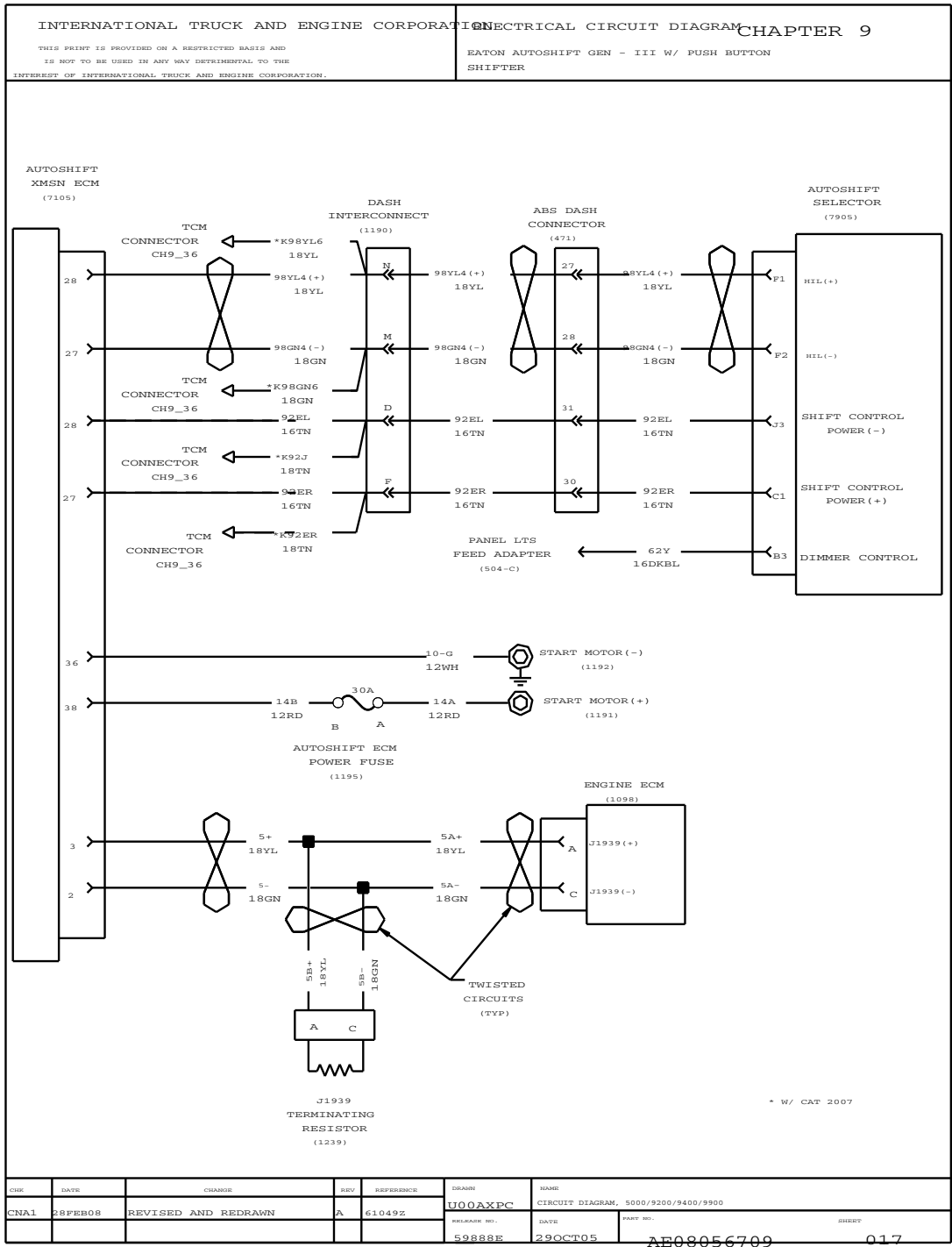


Figure 156 Eaton Autoshift Gen III with Push Button Shifter

9.18. EATON AUTOSHIFT GEN III WITH COBRA SHIFTER, P. 18

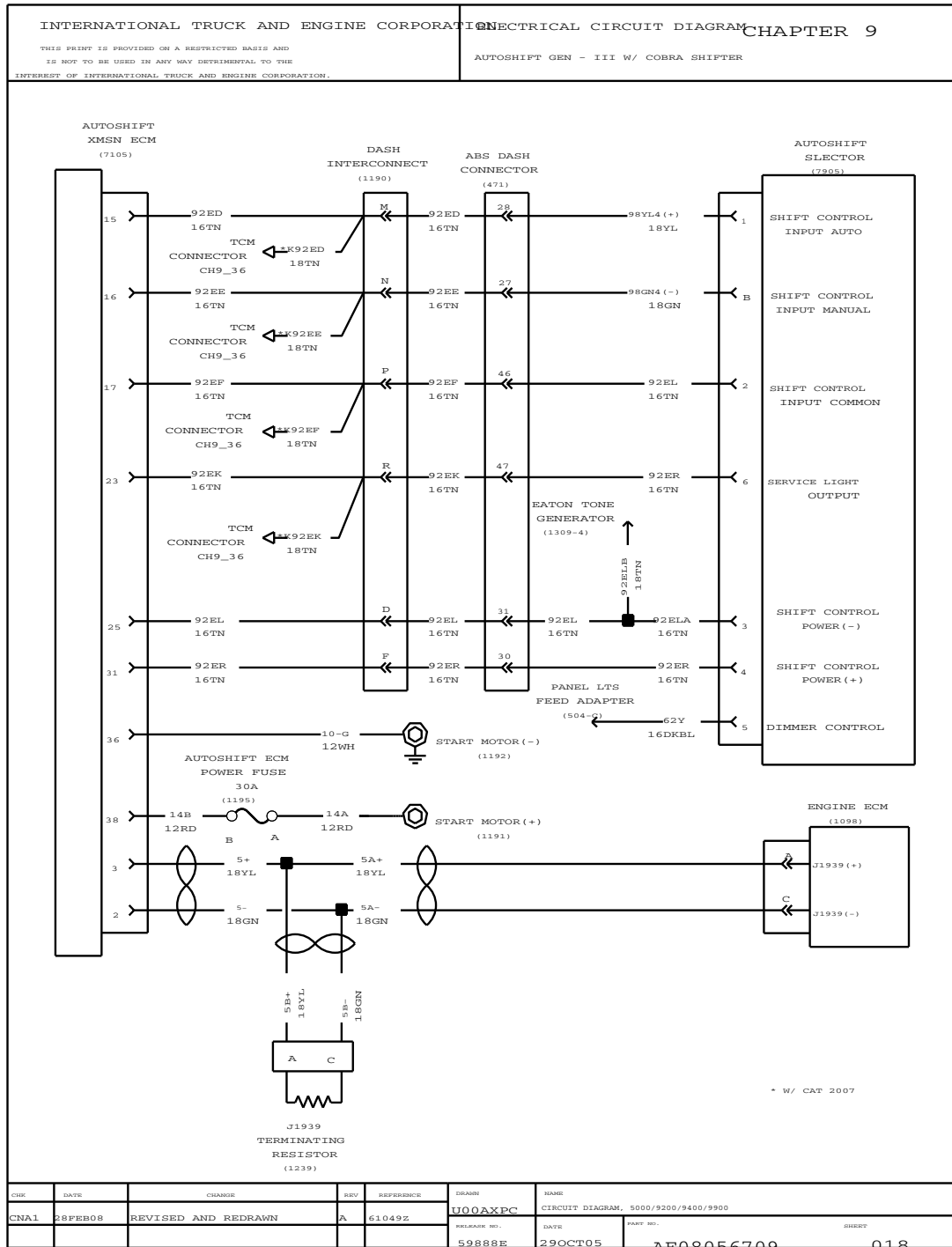


Figure 157 Eaton Autoshift Gen III with Cobra Shifter

9.19. TRANSMISSION DATA LINK WITH ENGINE BACK BONE, P. 19

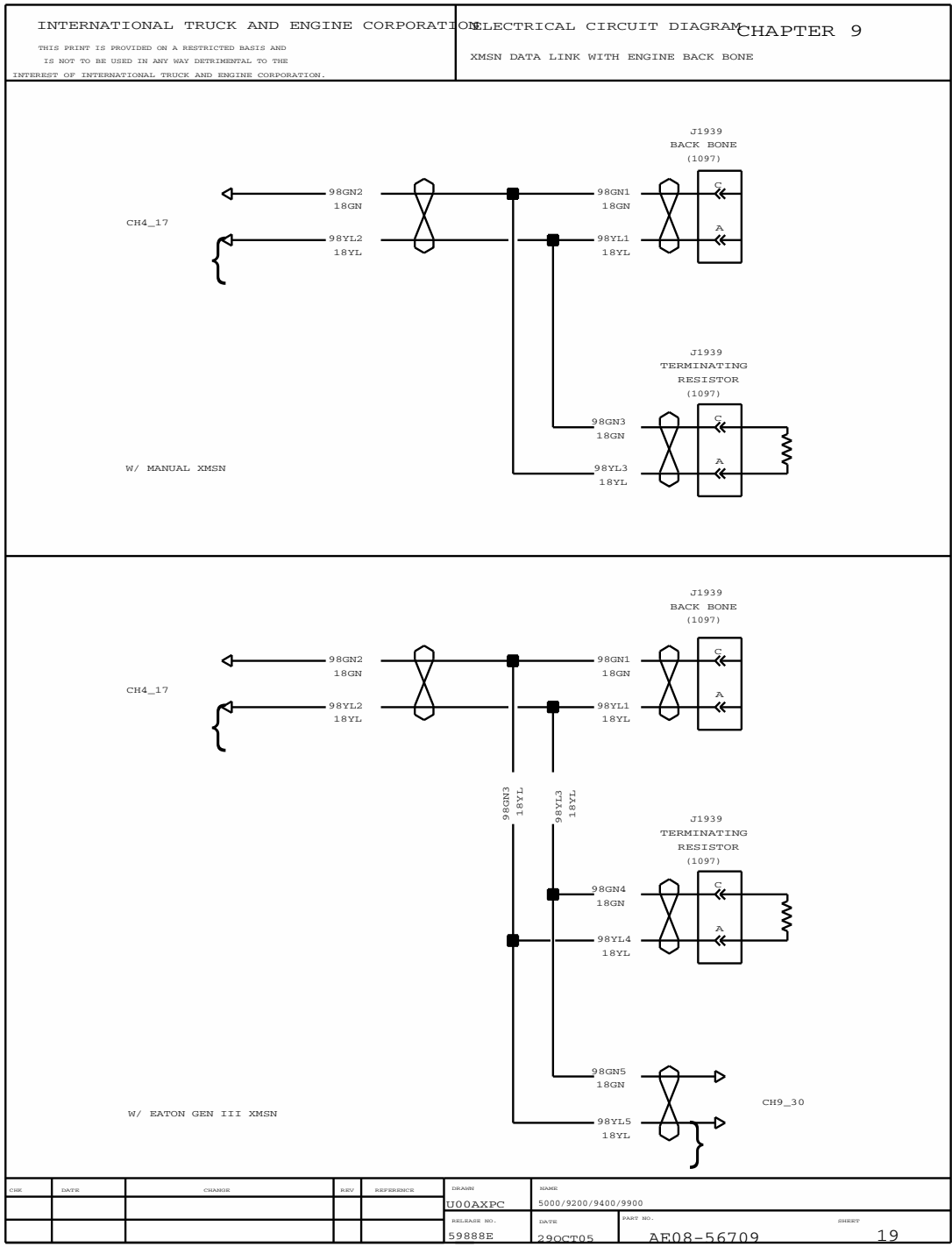


Figure 158 Transmission Data Link with Engine Back Bone

9.20. TRANSMISSION DATA LINK – FREEDOM LINE, P. 20

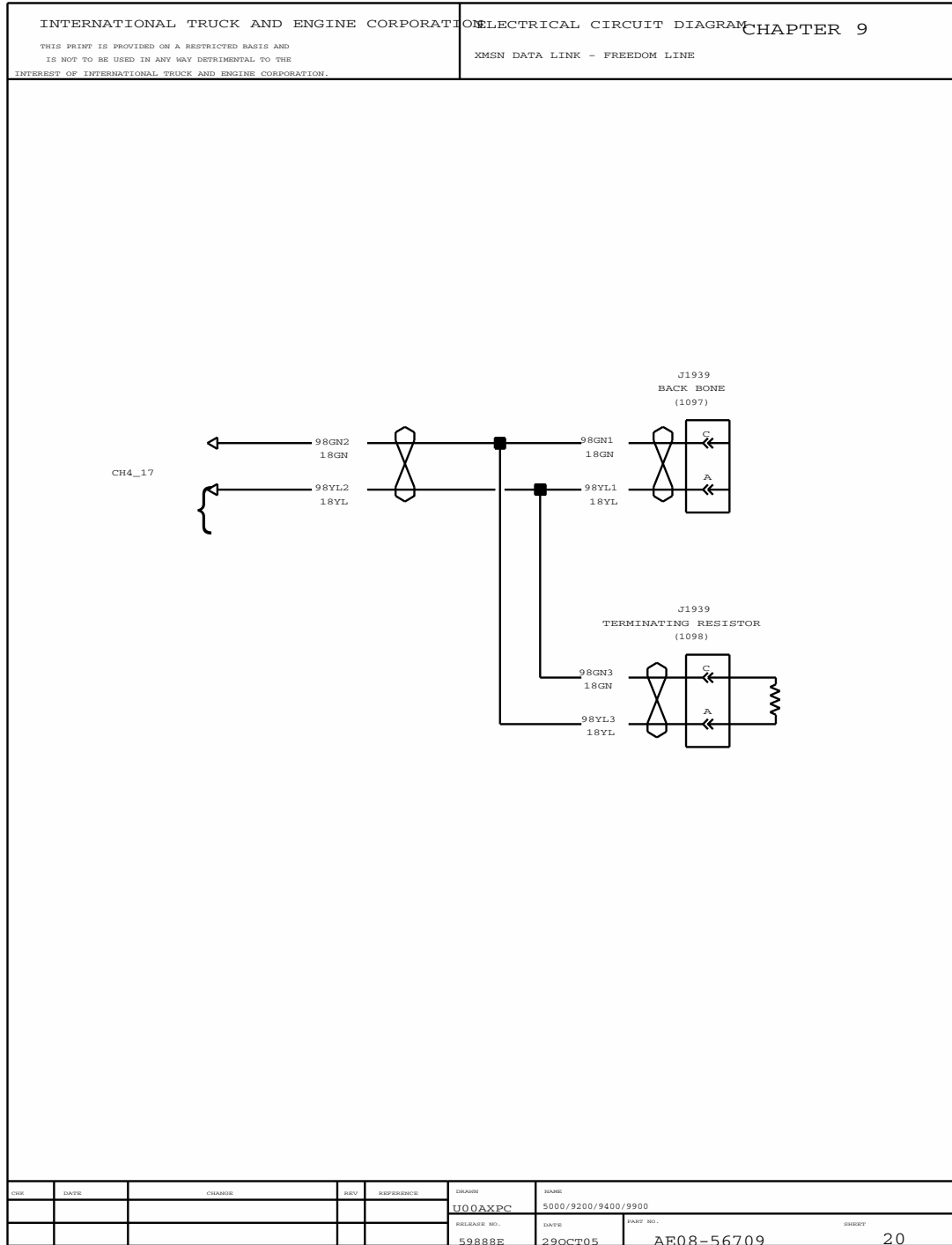


Figure 159 Transmission Data Link – Freedom Line

9.21. ABS6 / ATC BENDIX AIR, P. 21

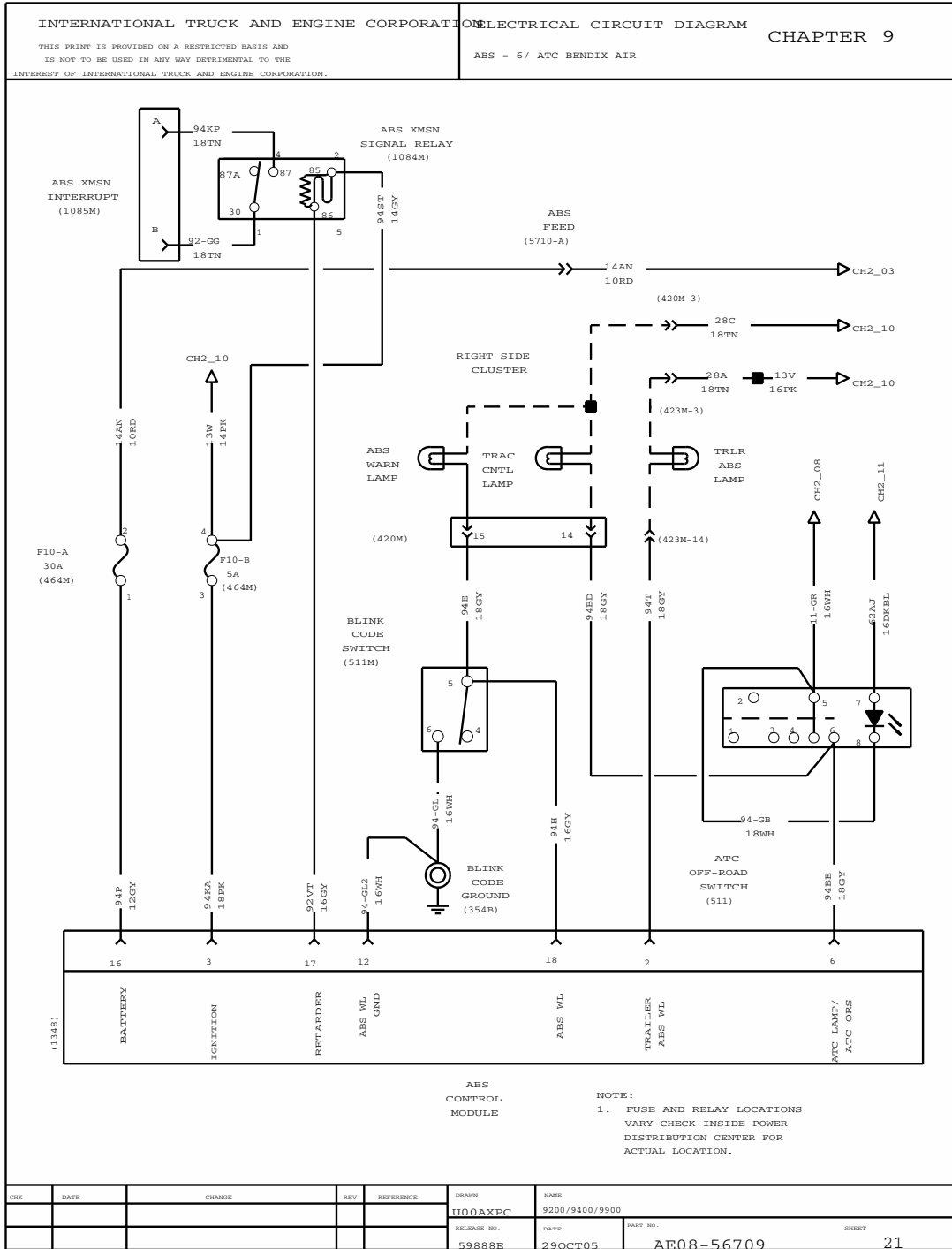


Figure 160 ABS6 / ATC Bendix Air

9.23. ABS6 / ATC BENDIX AIR (CONT.), P. 23

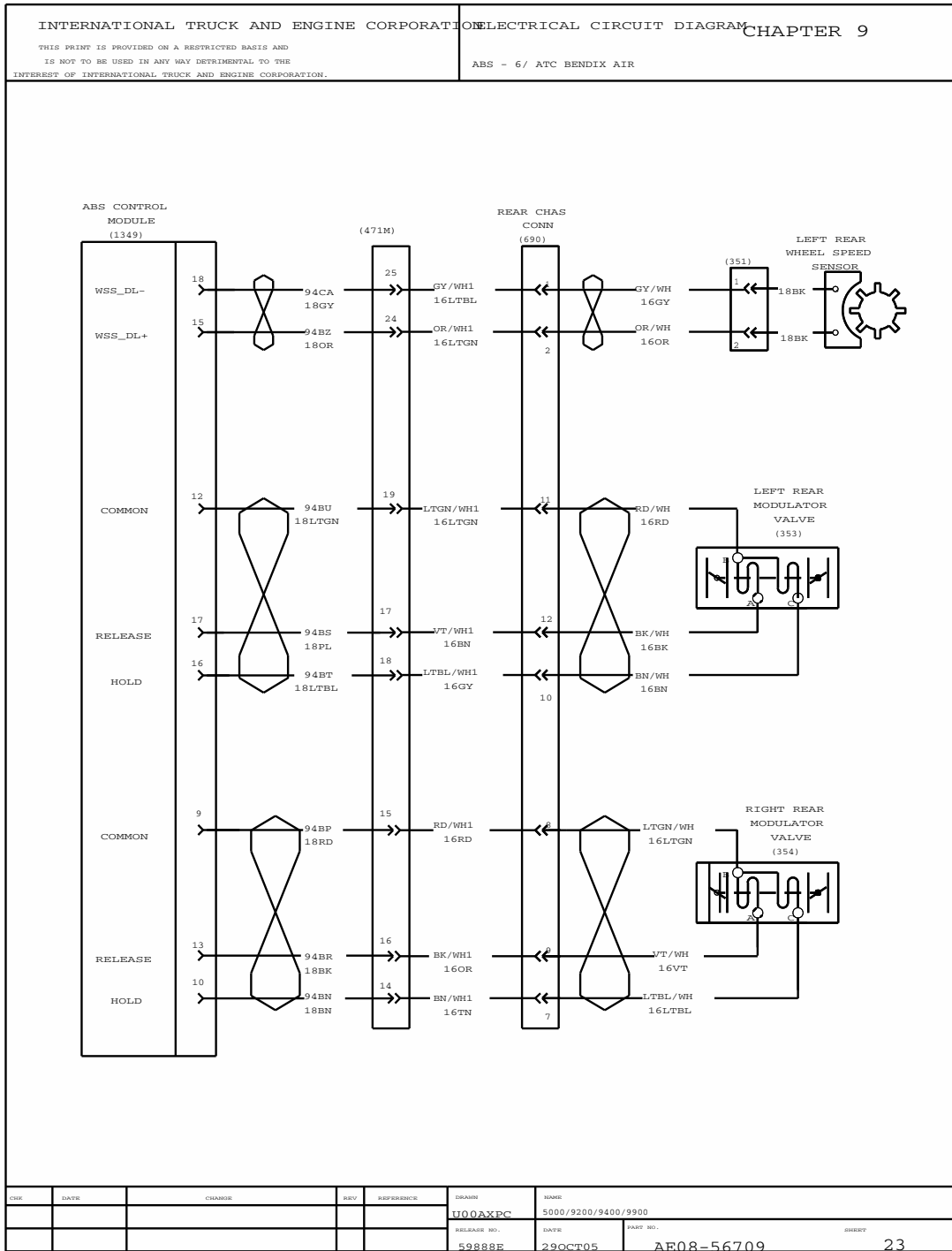


Figure 162 ABS6 / ATC Bendix Air (Cont.)

9.24. ABS6 / ATC BENDIX AIR (CONT.), P. 24

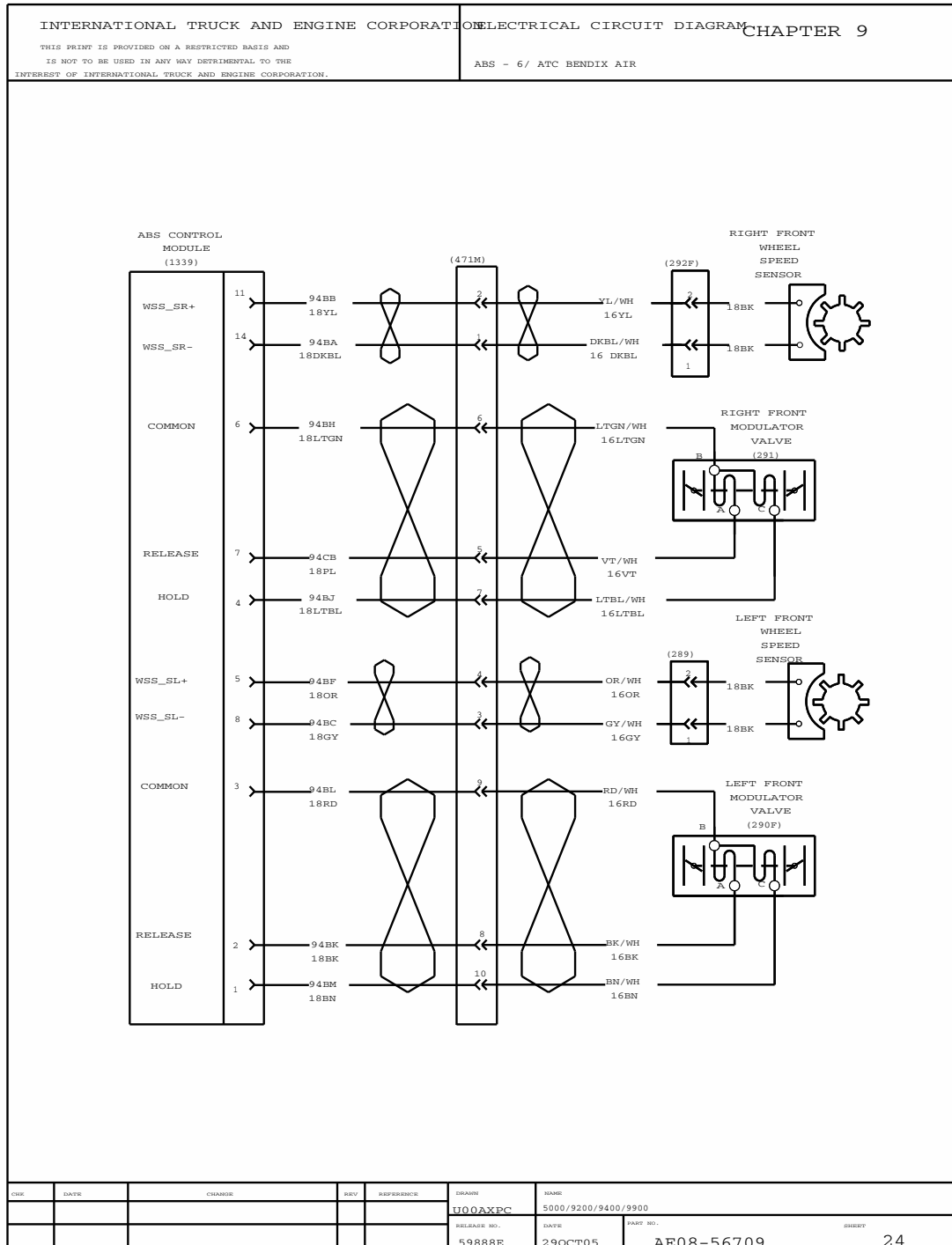


Figure 163 ABS6 / ATC Bendix Air (Cont.)

9.25. ALLISON TRANSMISSION SHIFT TOWER BULK HEAD, P. 25

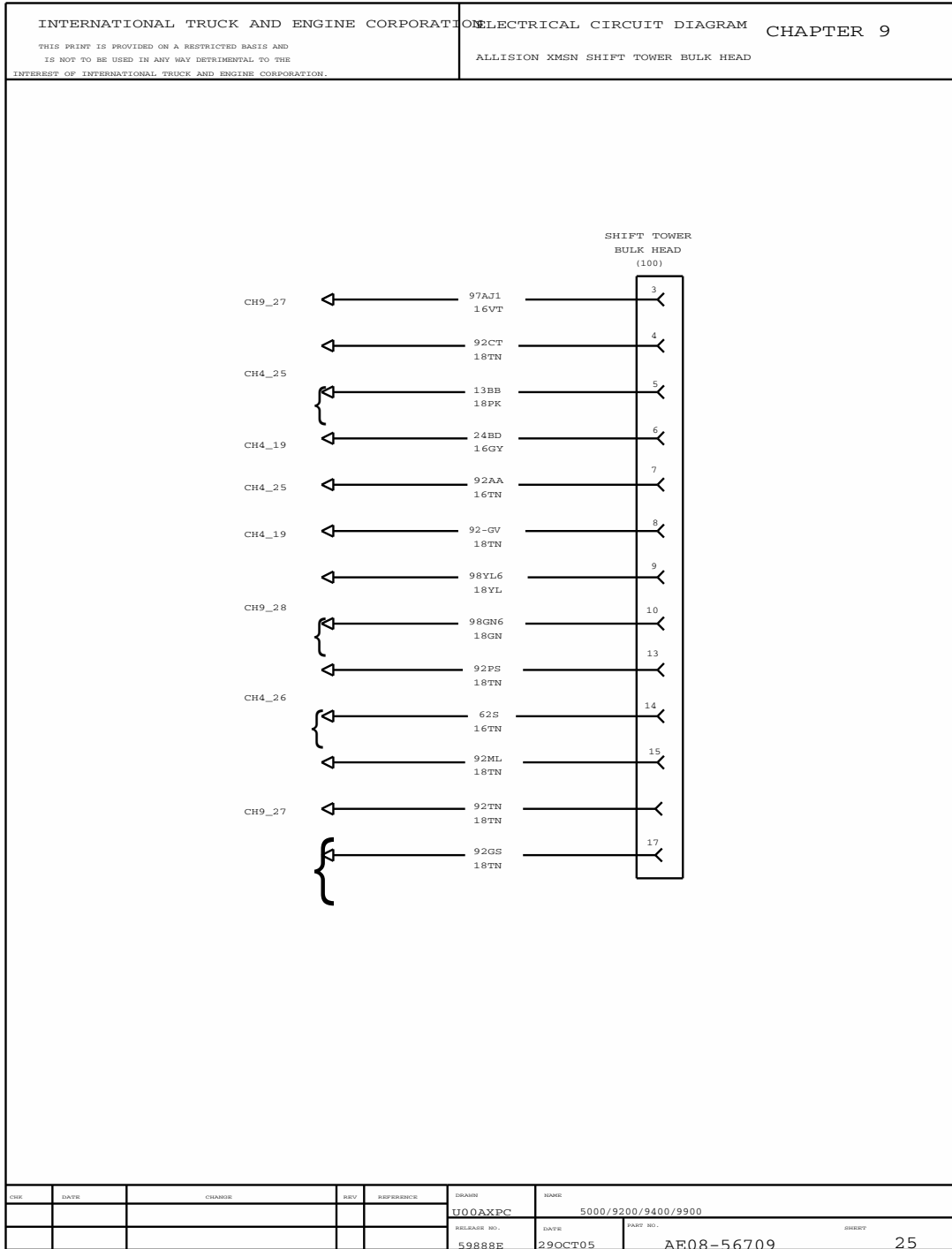


Figure 164 Allison Transmission Shift Tower Bulk Head

9.26. ALLISON TRANSMISSION SHIFT TOWER BULK HEAD, P. 26

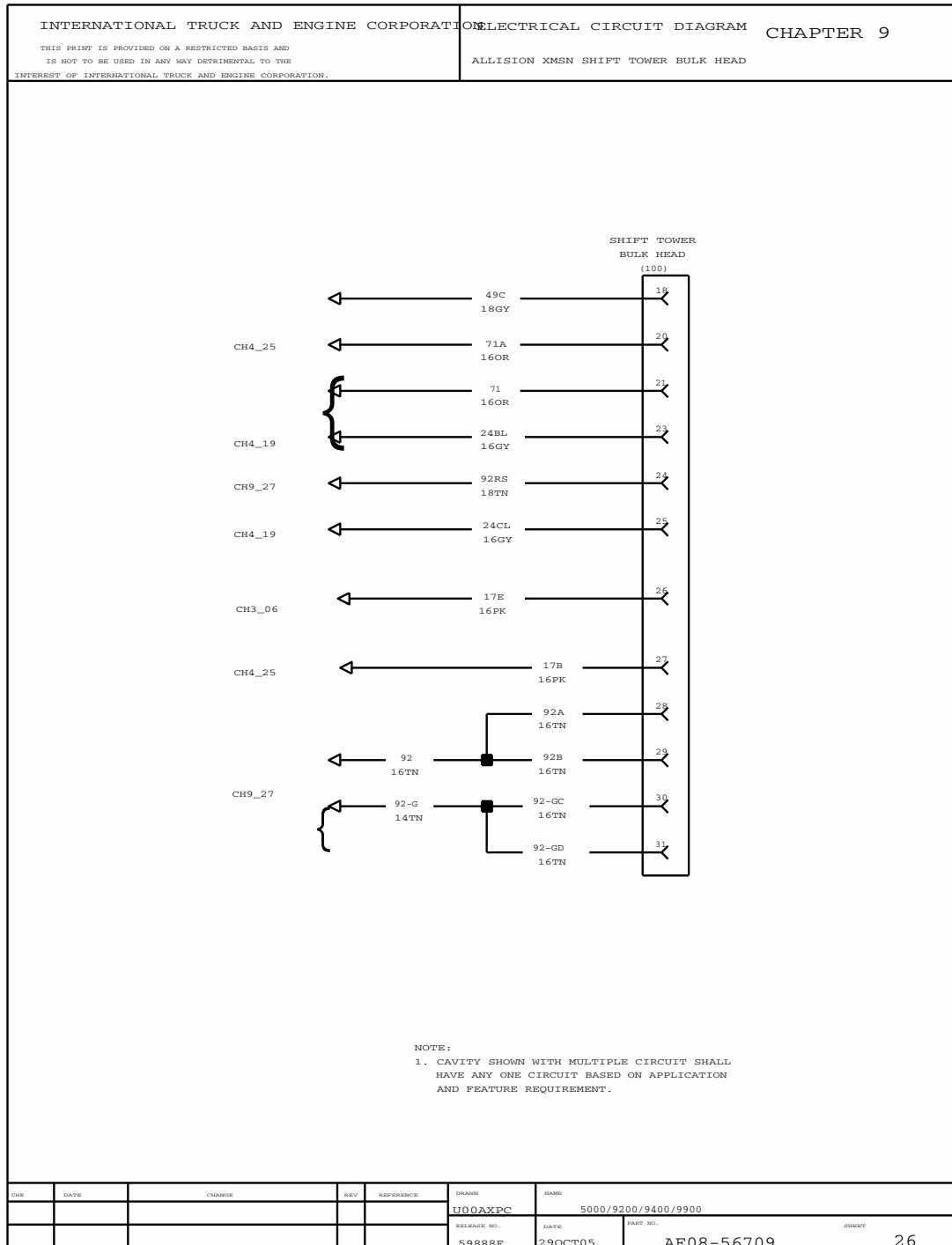


Figure 165 Allison Transmission Shift Tower Bulk Head

9.27. ALLISON TRANSMISSION SHIFT TOWER BULK HEAD, P. 27

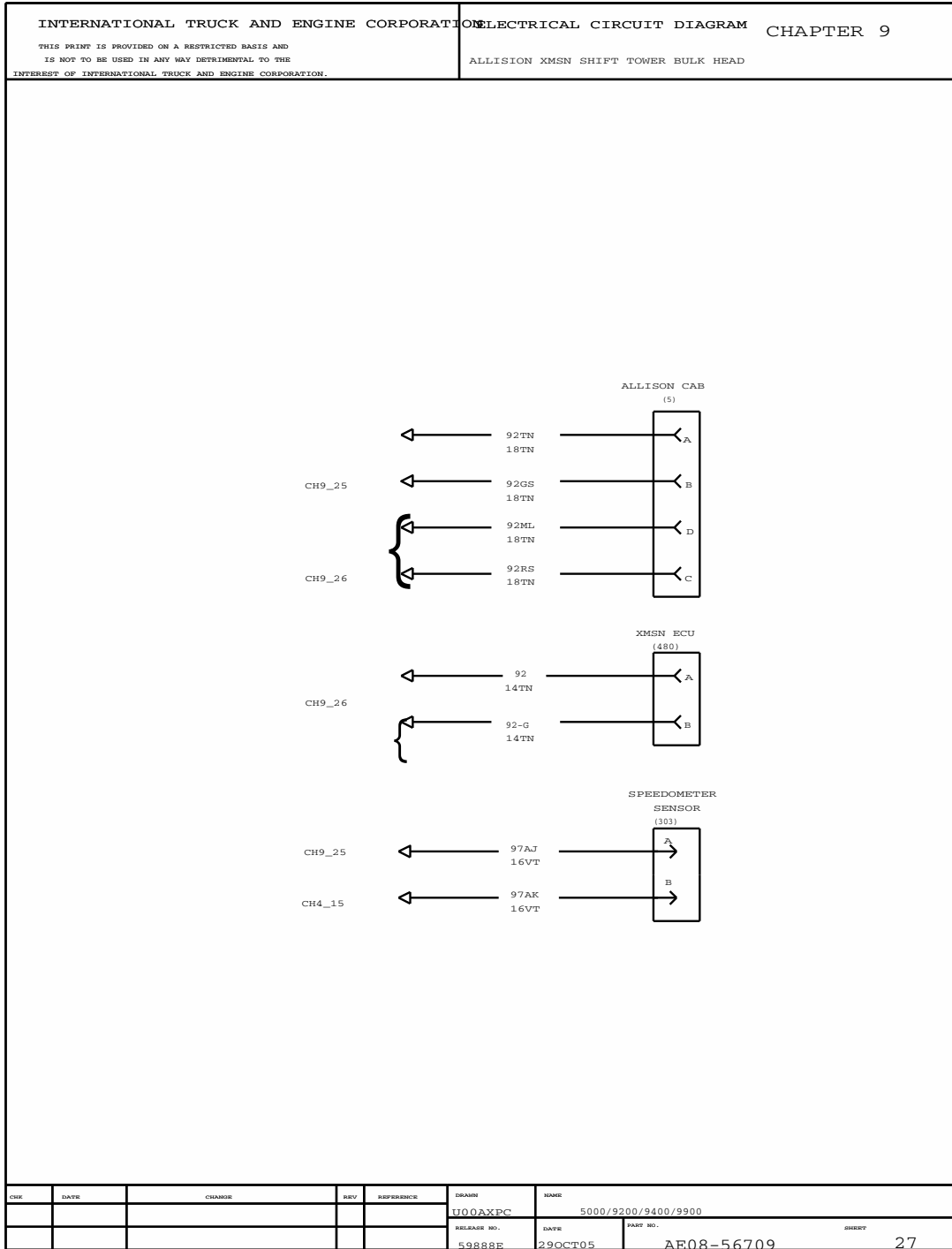


Figure 166 Allison Transmission Shift Tower Bulk Head

9.28. ALLISON TRANSMISSION DATA LINK, P. 28

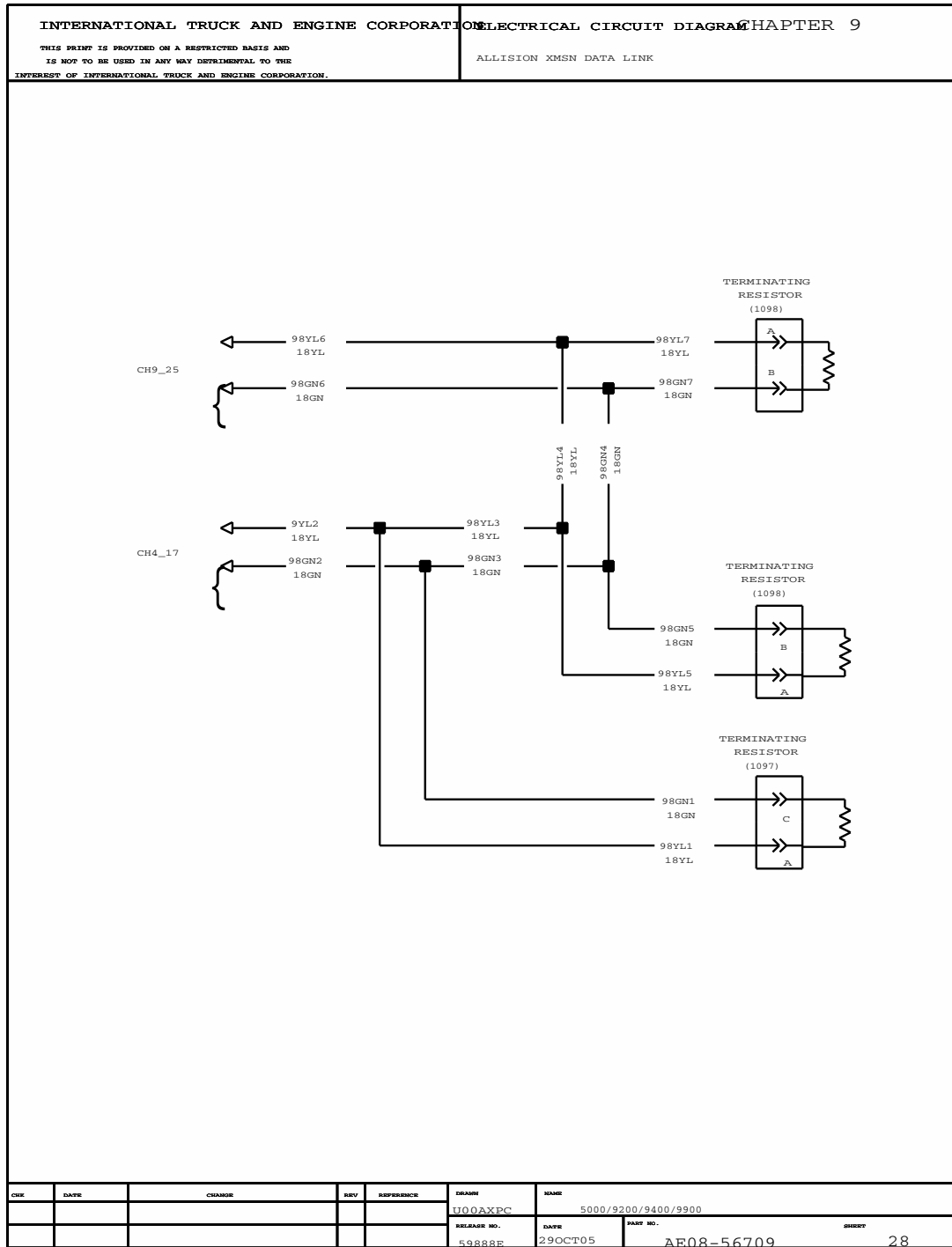


Figure 167 Allison Transmission Data Link

9.29. FREEDOM LINE TRANSMISSION, P. 29

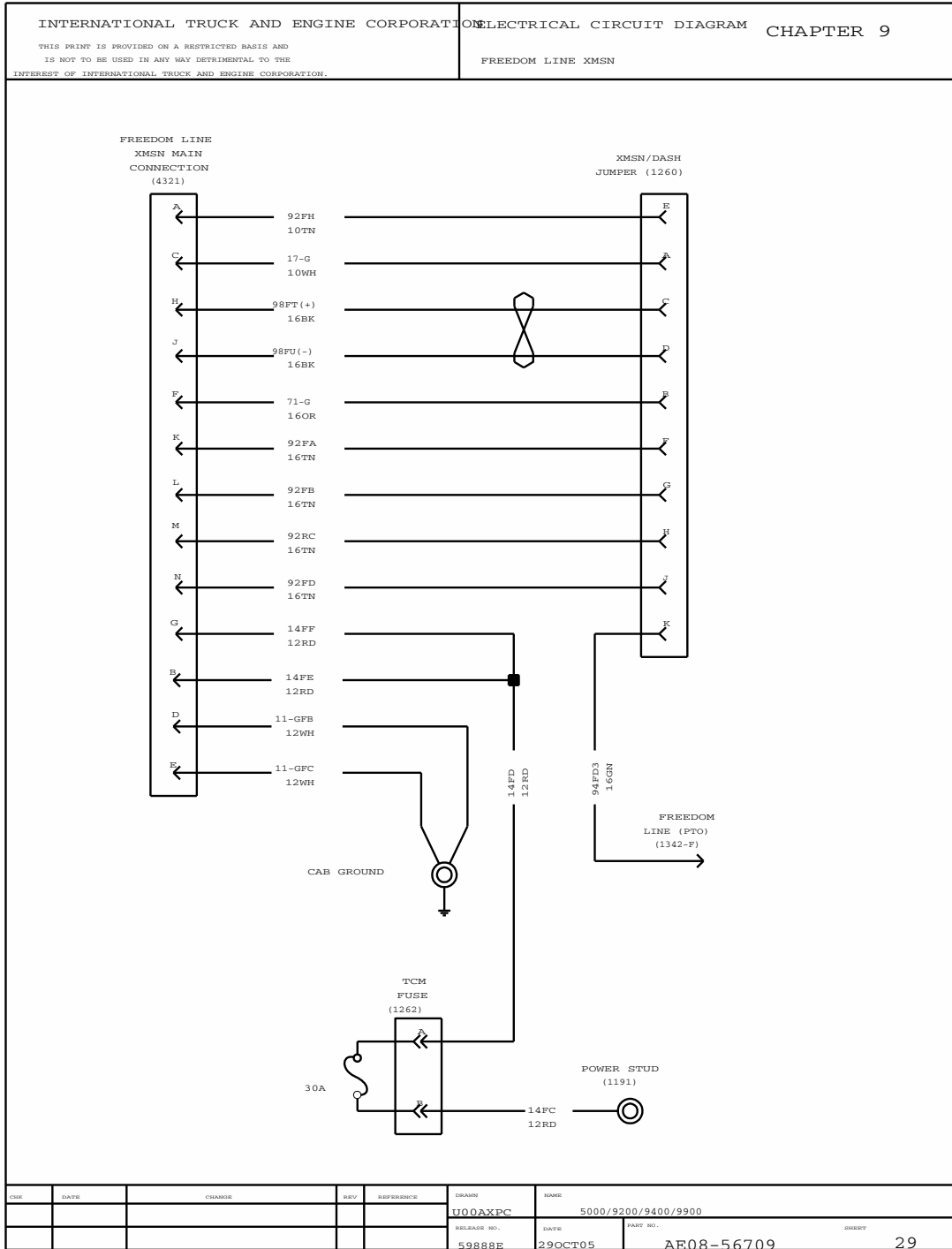


Figure 168 Freedom Line Transmission

9.30. EATON GEN3 TRANSMISSION, P. 30

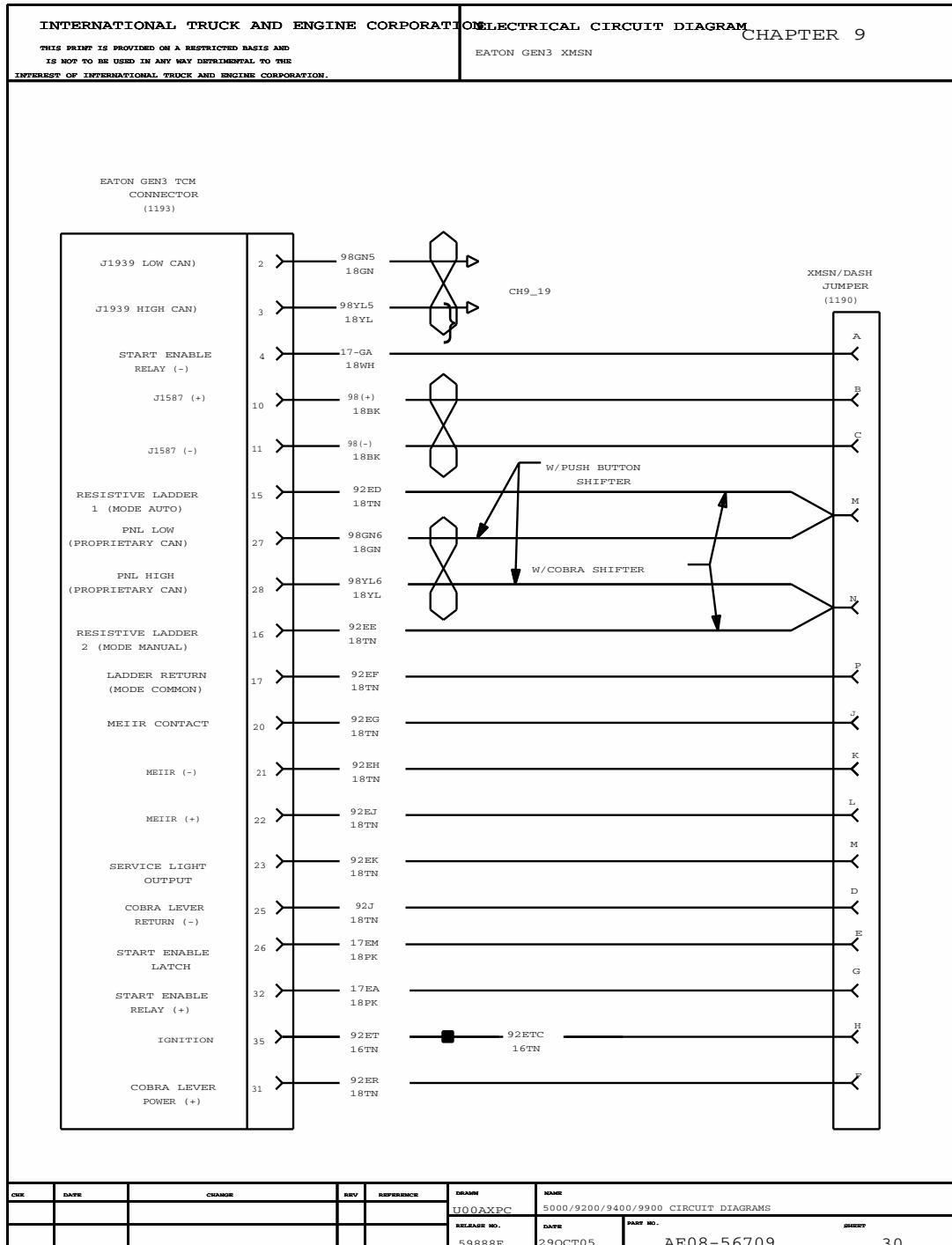


Figure 169 Eaton Gen3 Transmission

9.31. EATON GEN3 TRANSMISSION, P. 31

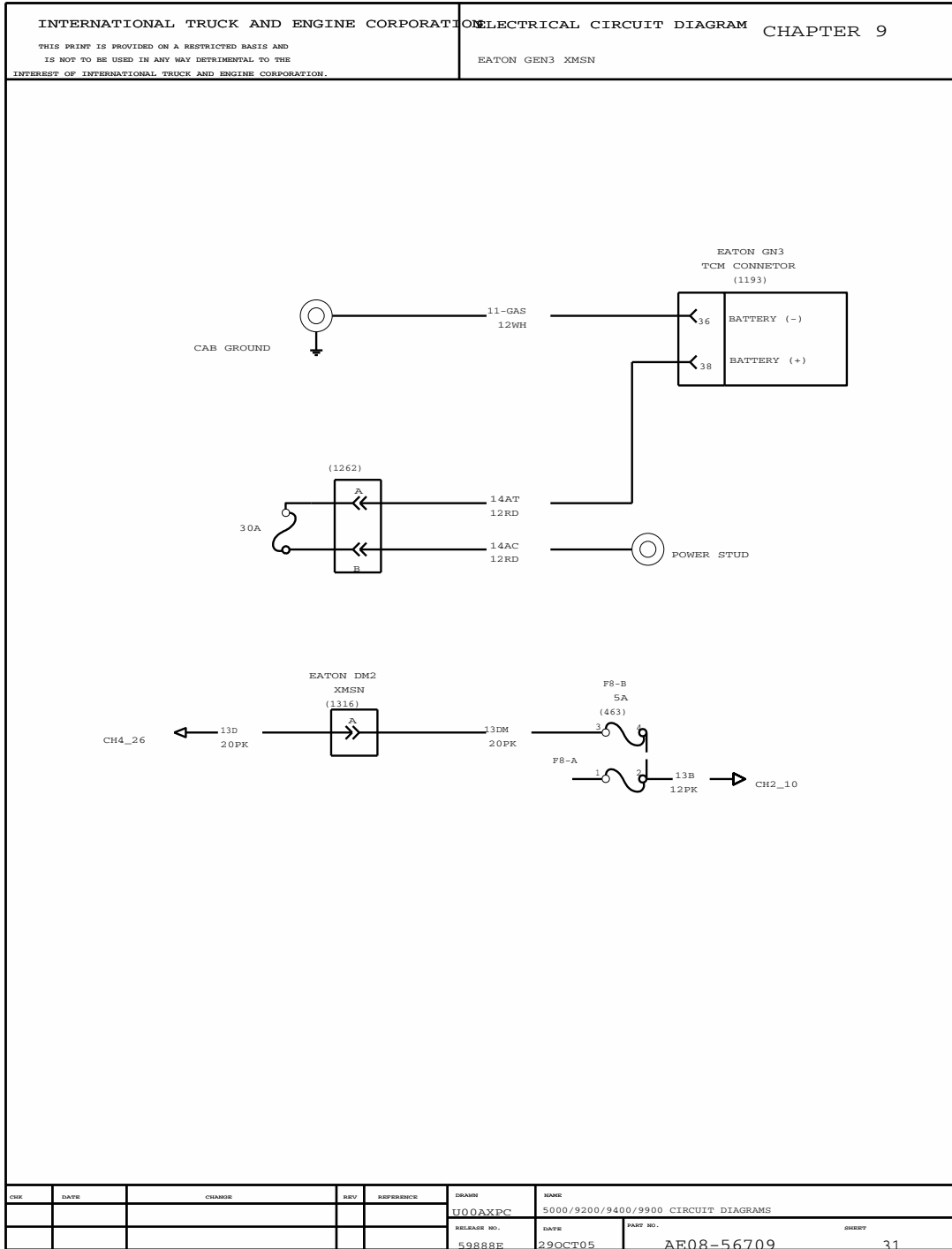


Figure 170 Eaton Gen3 Transmission

9.32. TRANSMISSION MERITOR – G POWER CONNECTOR, P. 32

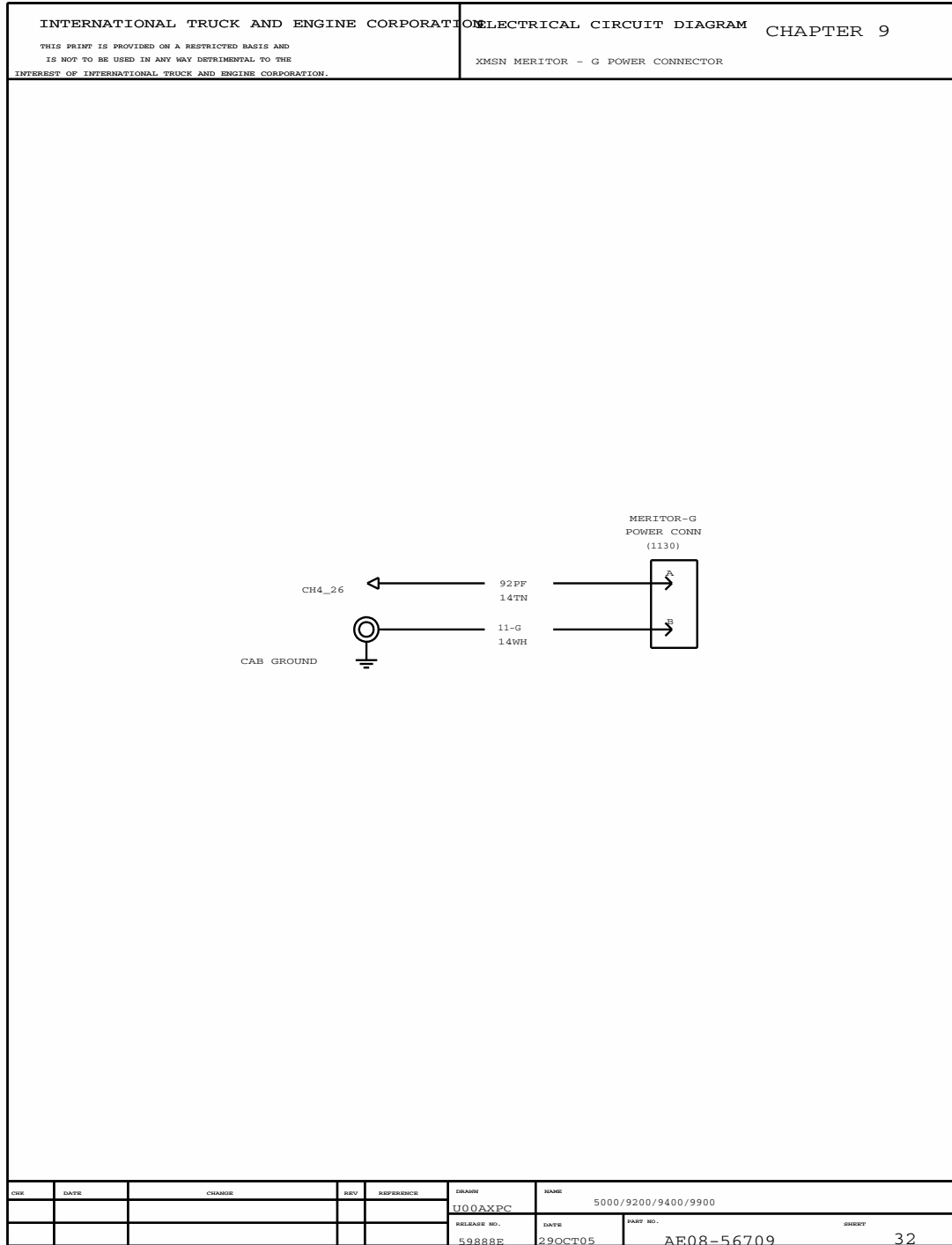


Figure 171 Transmission Meritor – G Power Connector

9.33. ABS / ATC (BENDIX) – LEFT CONTROL, P. 33

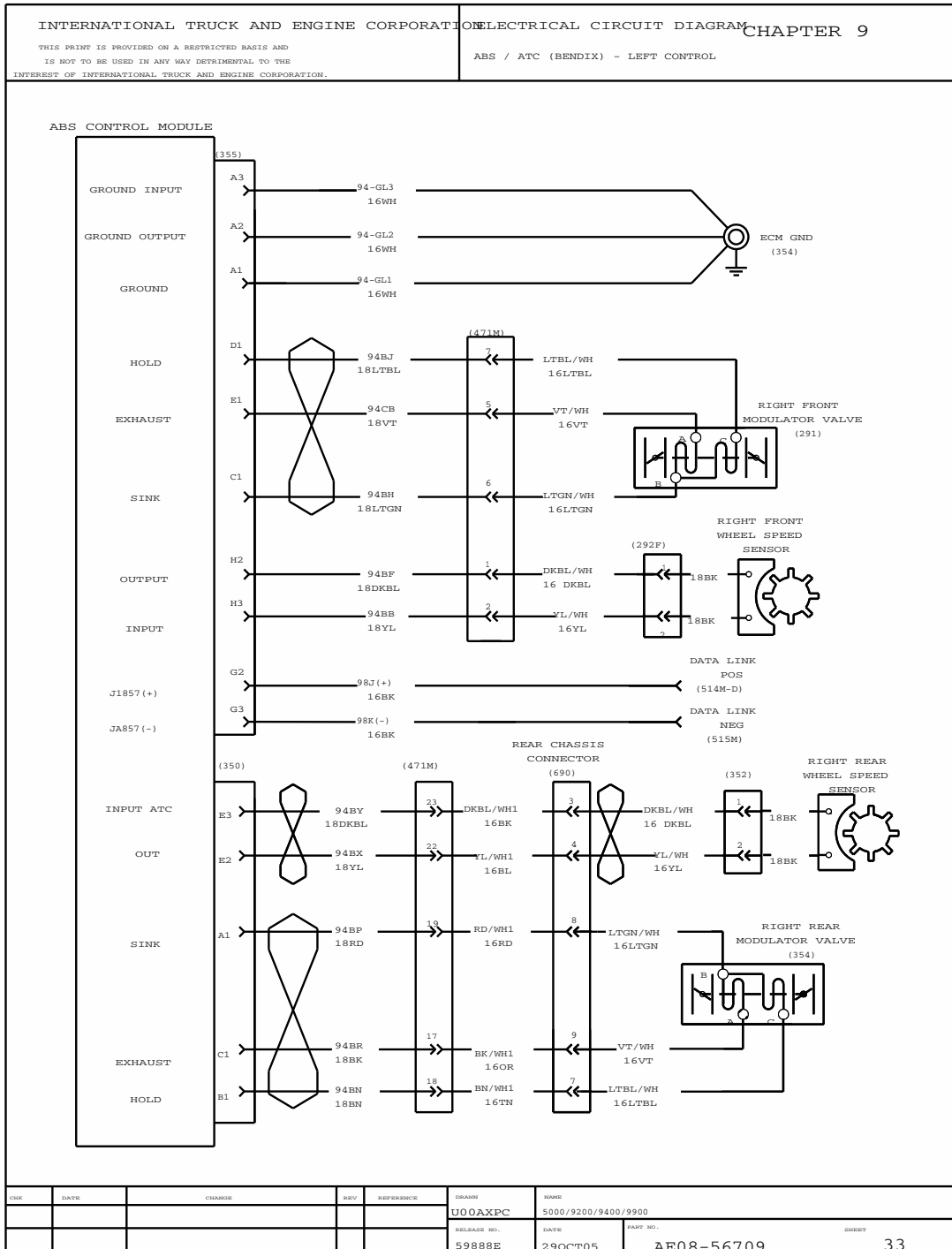


Figure 172 ABS / ATC (Bendix) – Left Control

9.35. TRAILER CONNECTION – BACK OF SLEEPER MOUNTED WITH TRACTOR ABS, P. 35

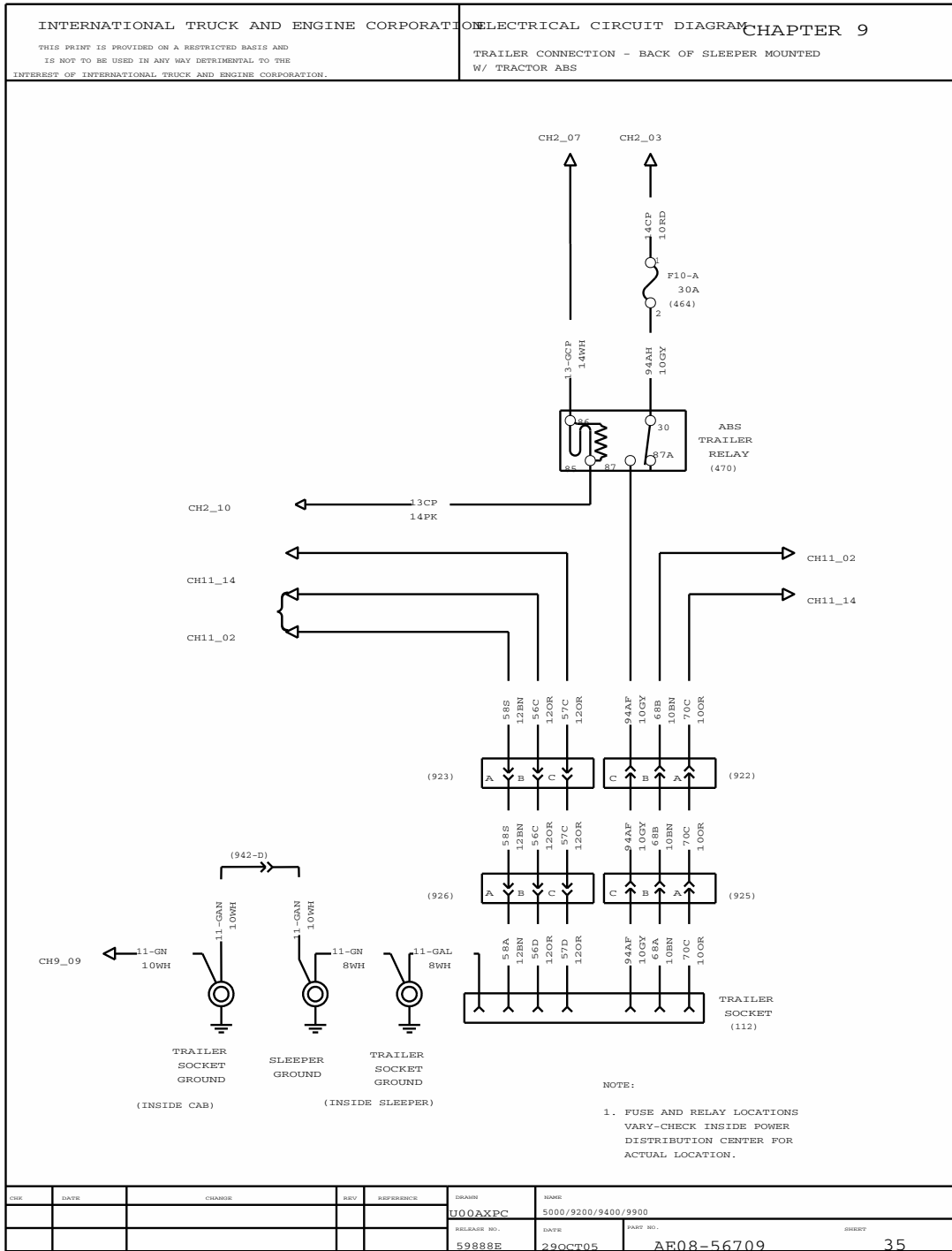


Figure 174 Trailer Connection – Back of Sleeper Mounted with Tractor ABS

9.36. TCM CONNECTOR CAT 2007, P. 36

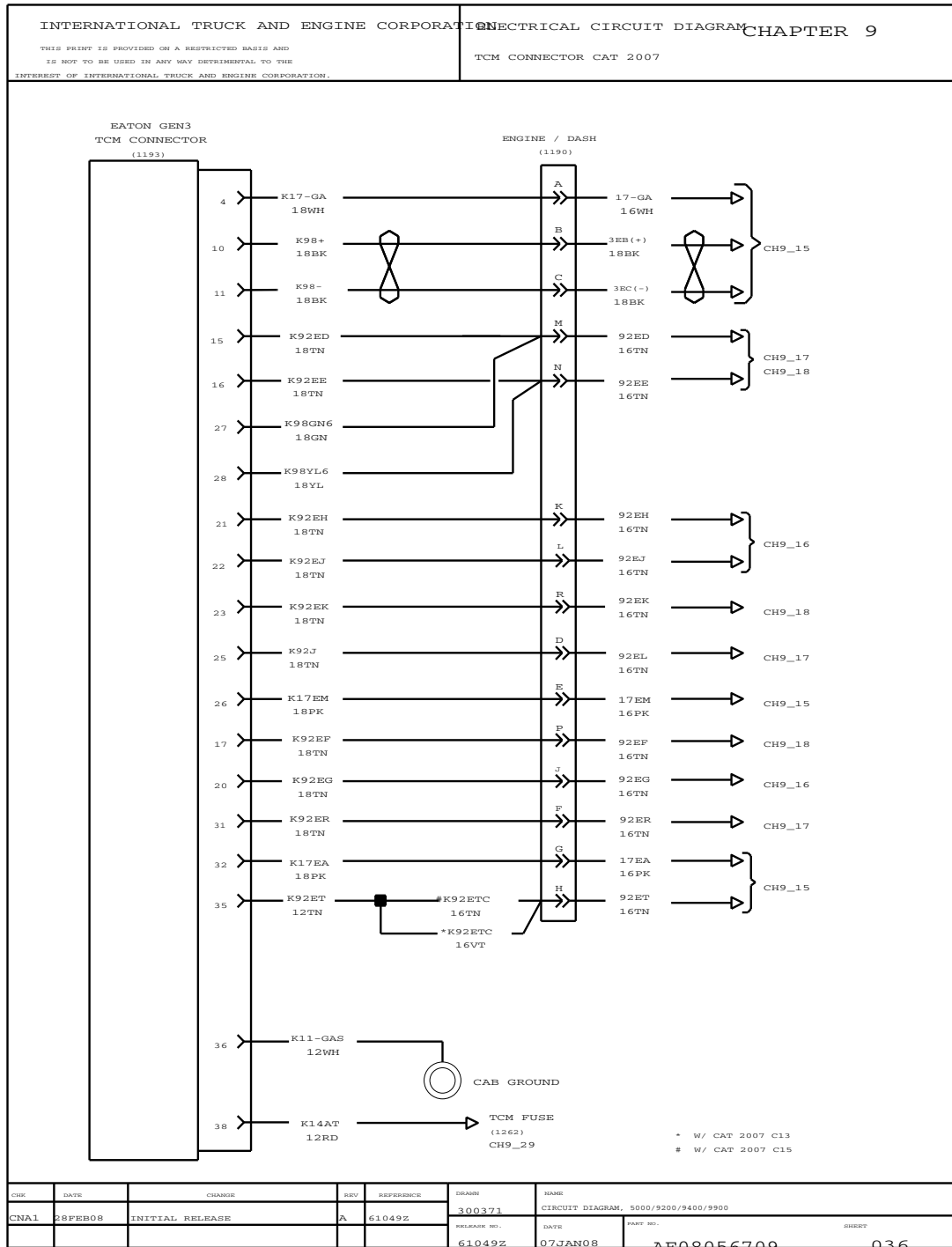


Figure 175 TCM Connector CAT 2007

9.37. EATON ULTRASHIFT VMS TRANSMISSION, P. 37

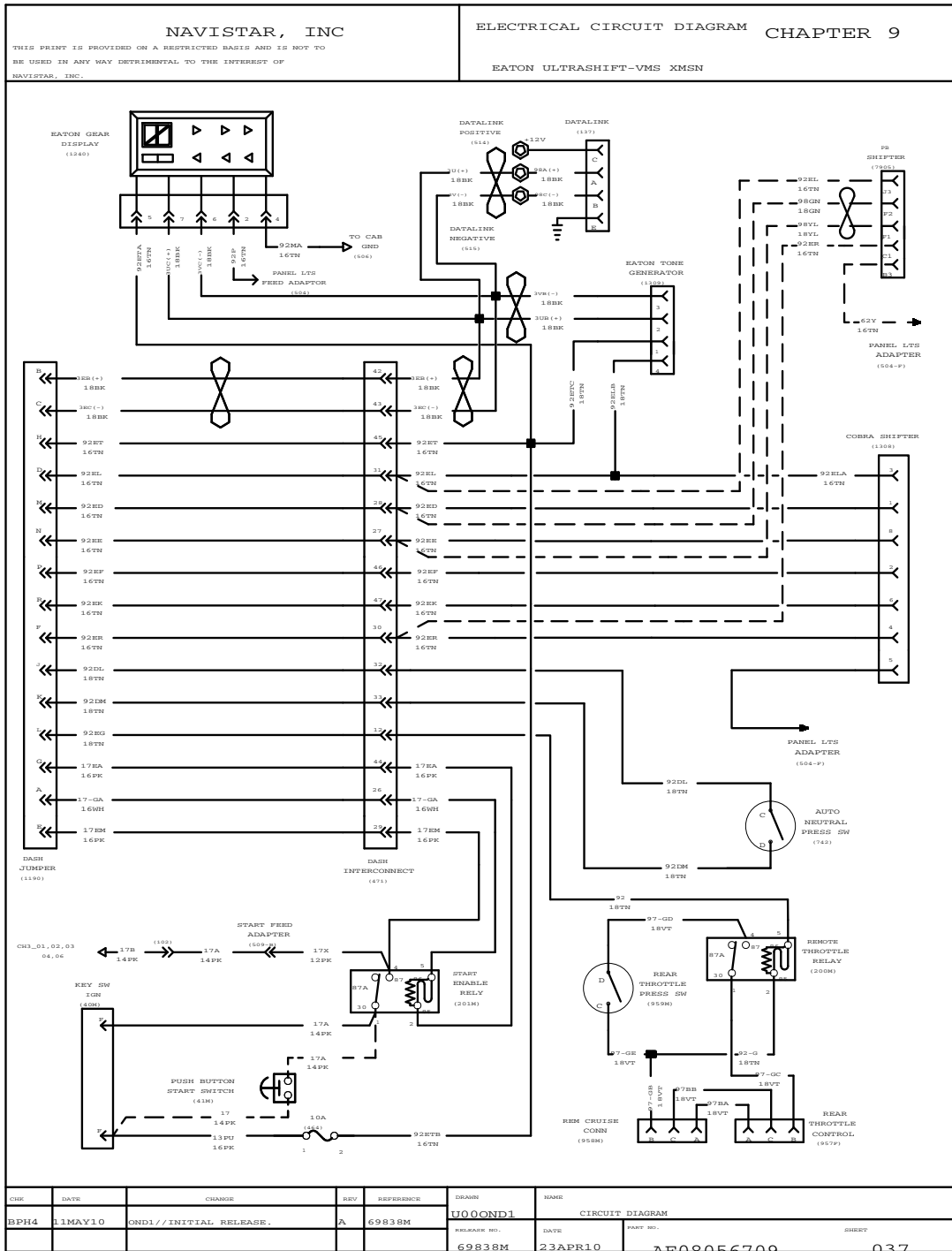


Figure 176 Eaton Ultrashift VMS Transmission

9.38. ABS / HSA BENDIX AIR , P. 38

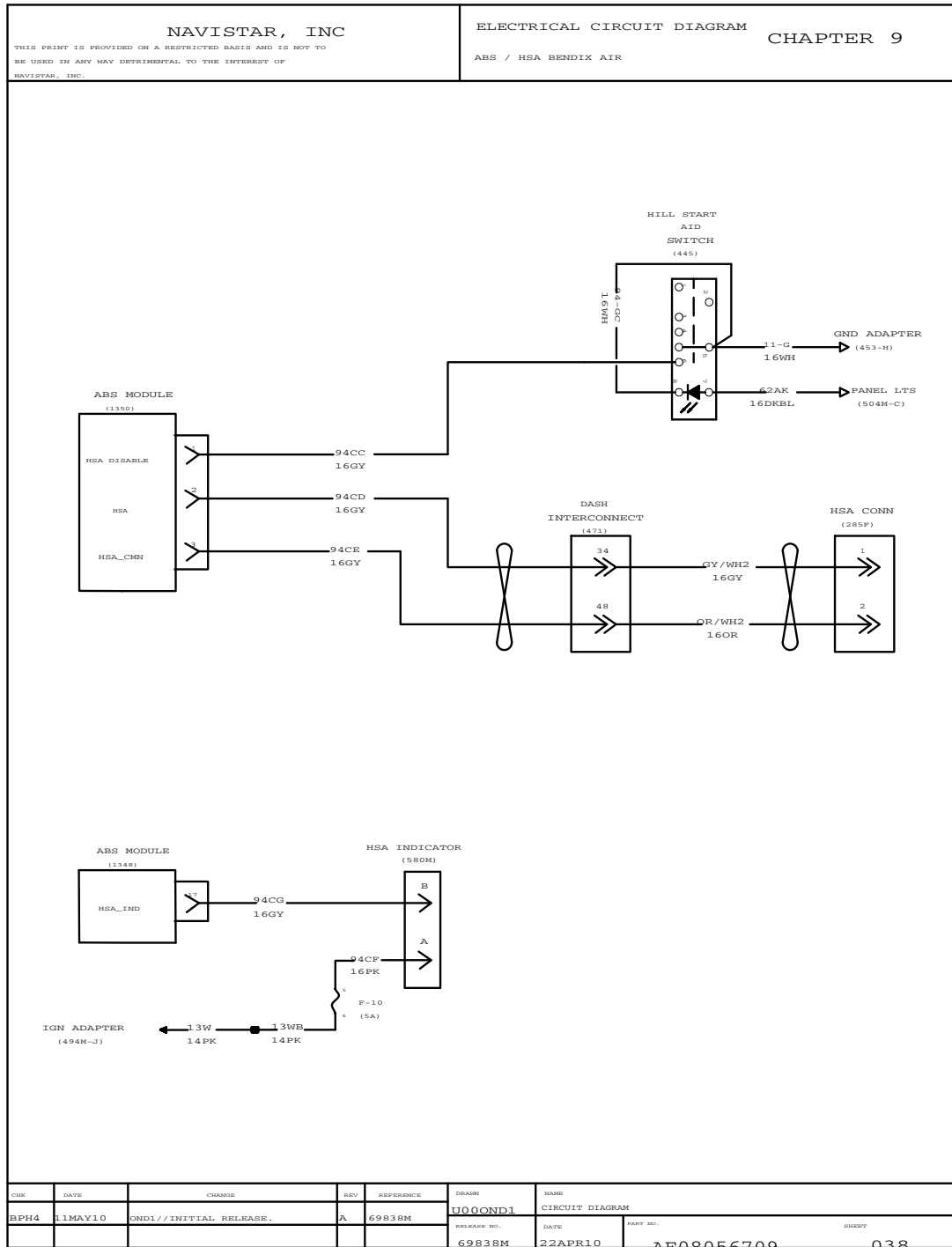


Figure 177 ABS / HSA Bendix Air

9.39. EATON ULTRASHIFT – VMS, P. 39

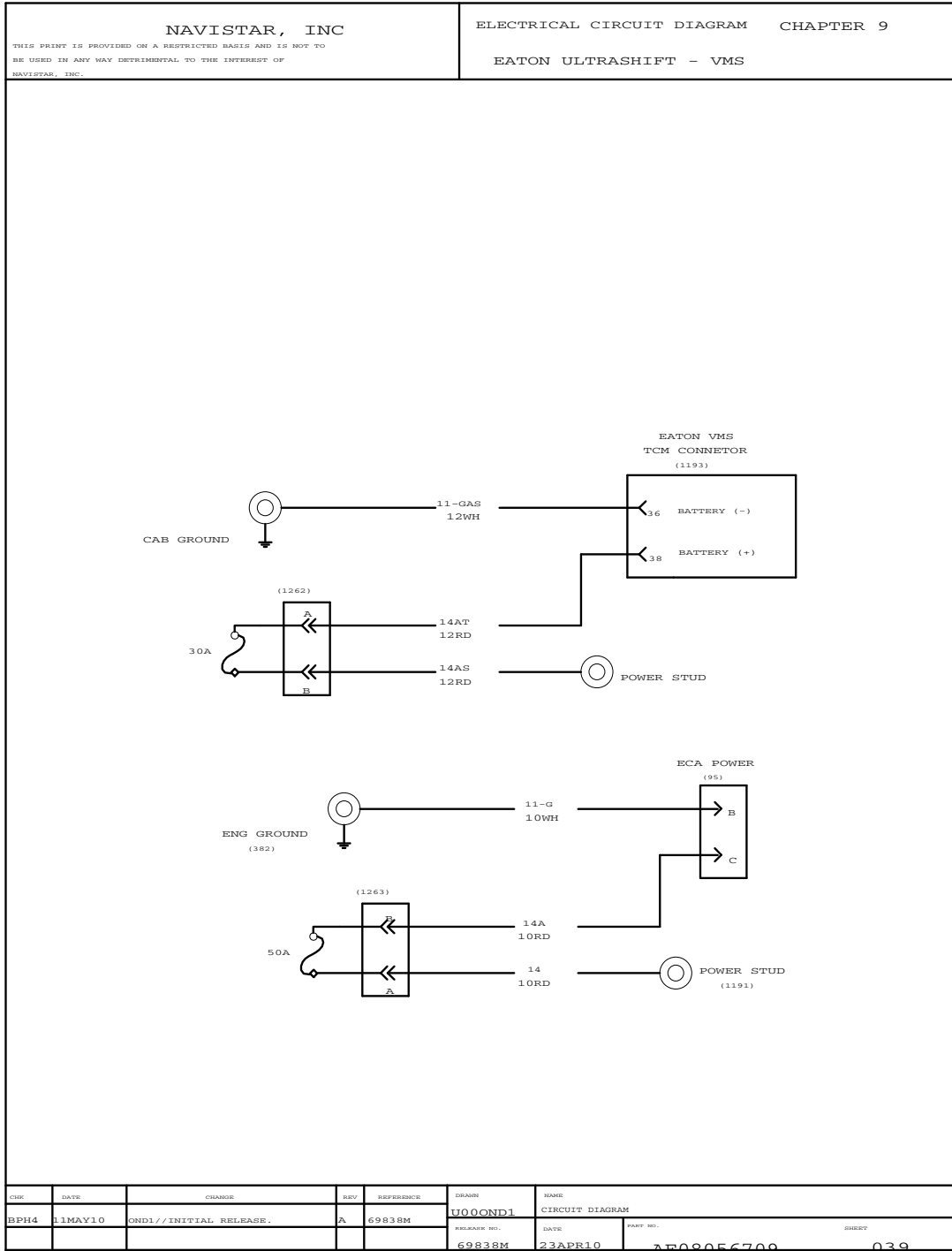


Figure 178 Eaton Ultrashift – VMS

9.40. AIR DRYER, P. 40

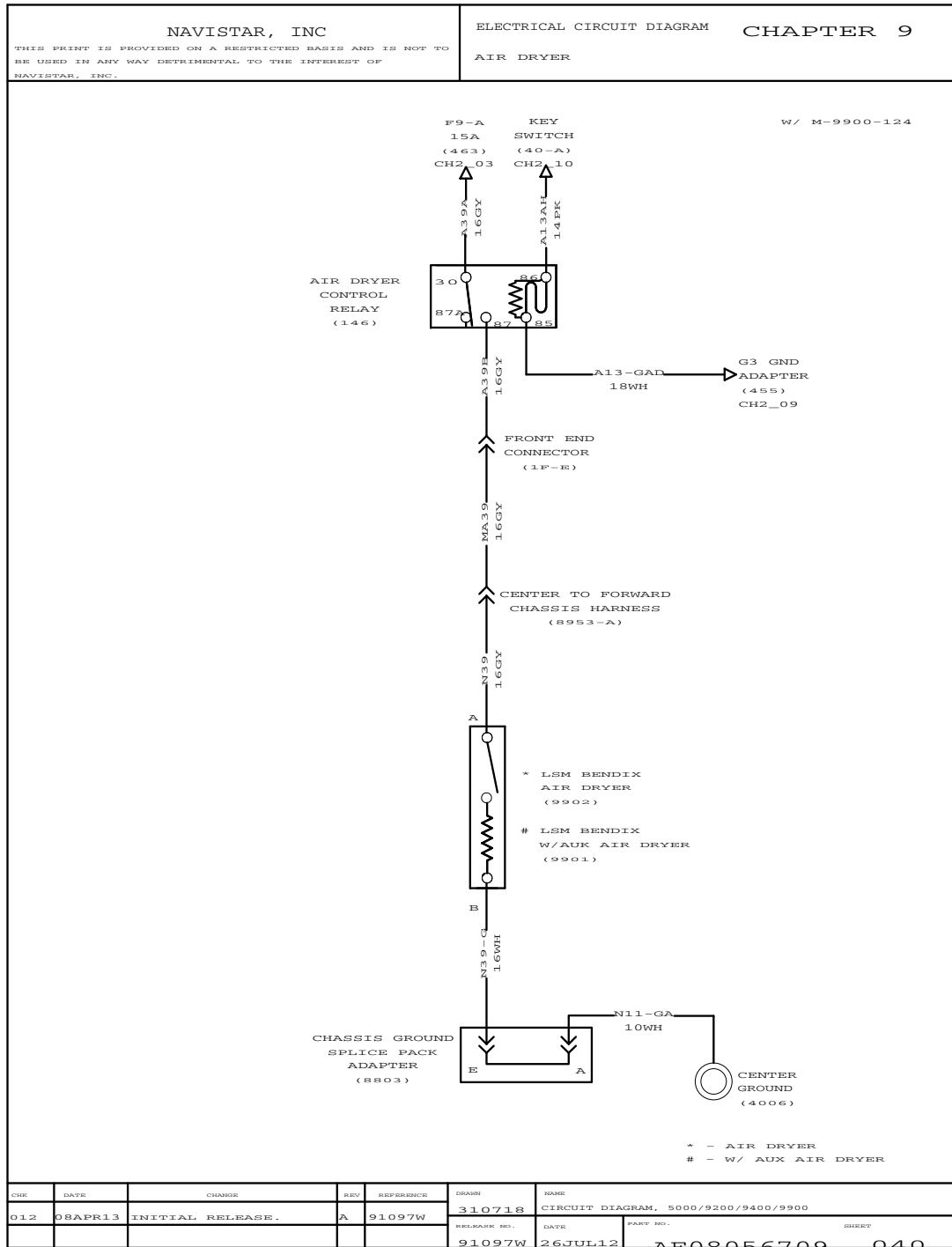


Figure 179 Air Dryer

9.41. BENDIX AIR ABS 4CH AND 6CH, P. 41

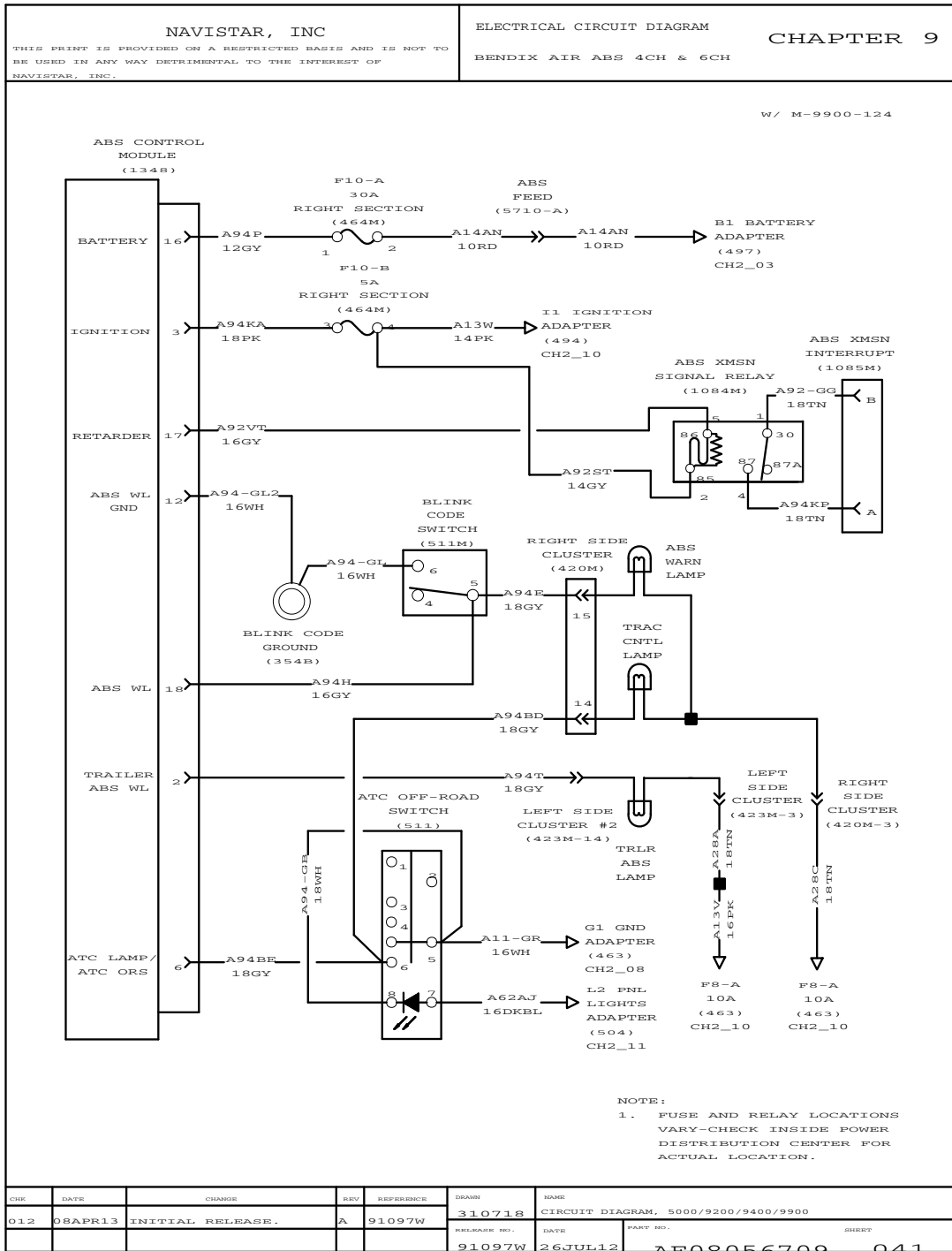


Figure 180 Bendix Air ABS 4CH and 6CH

9.42. BENDIX AIR ABS 4CH AND 6CH (CONT.), P. 42

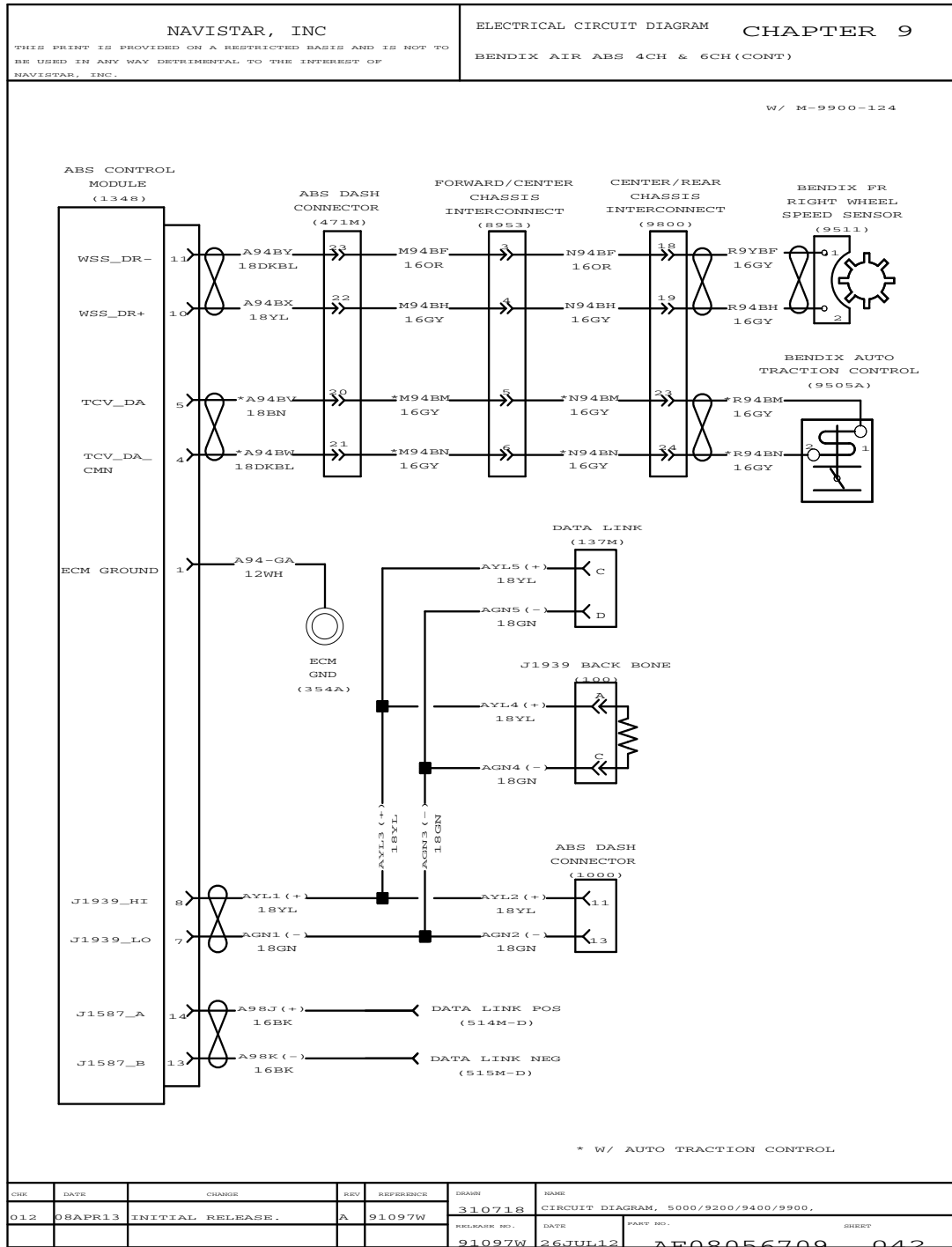


Figure 181 Bendix Air ABS 4CH and 6CH (Cont.)

9.43. BENDIX AIR ABS 4CH AND 6CH (CONT.), P. 43

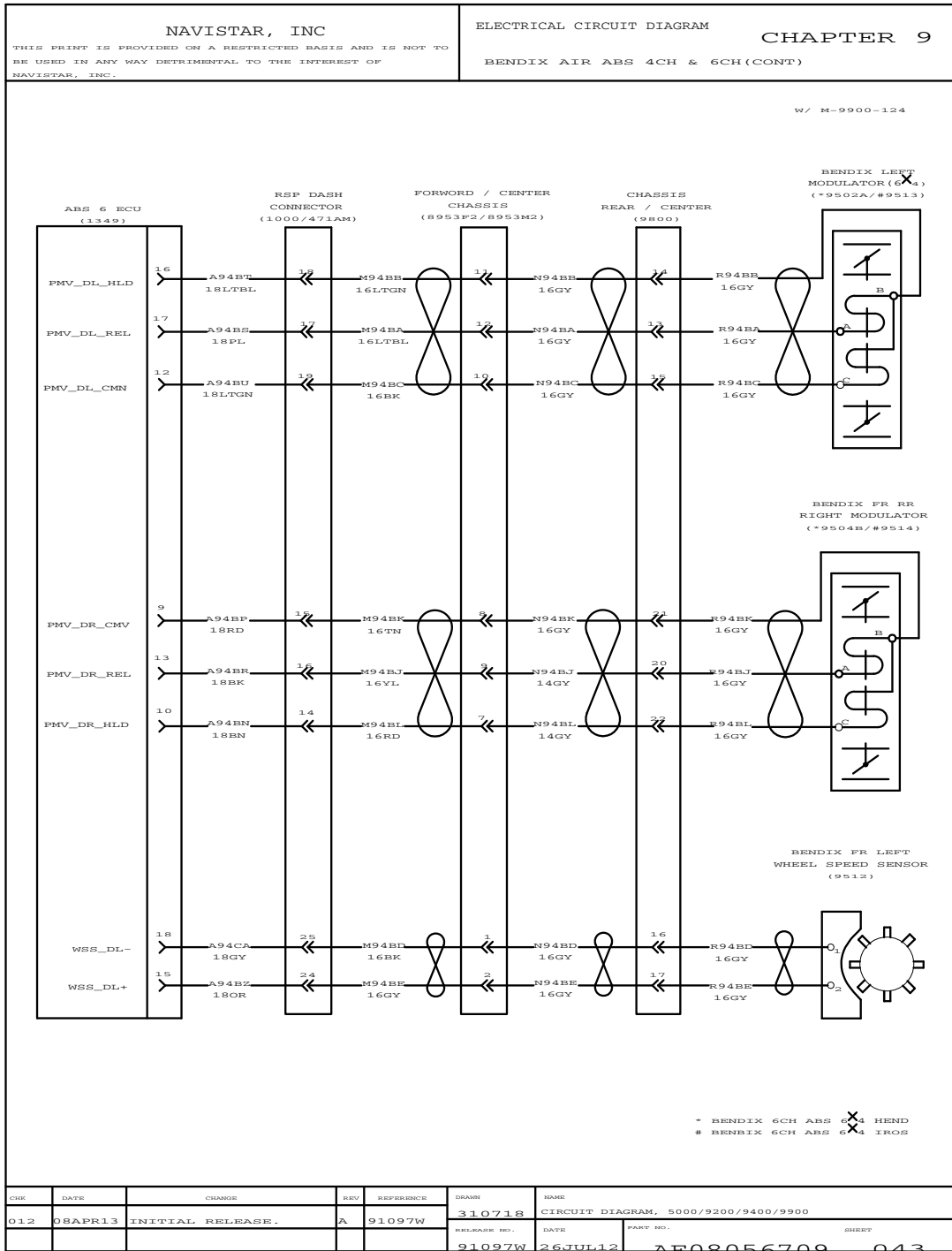


Figure 182 Bendix Air ABS 4CH and 6CH (Cont.)

9.44. BENDIX AIR ABS 4CH AND 6CH (CONT.), P. 44

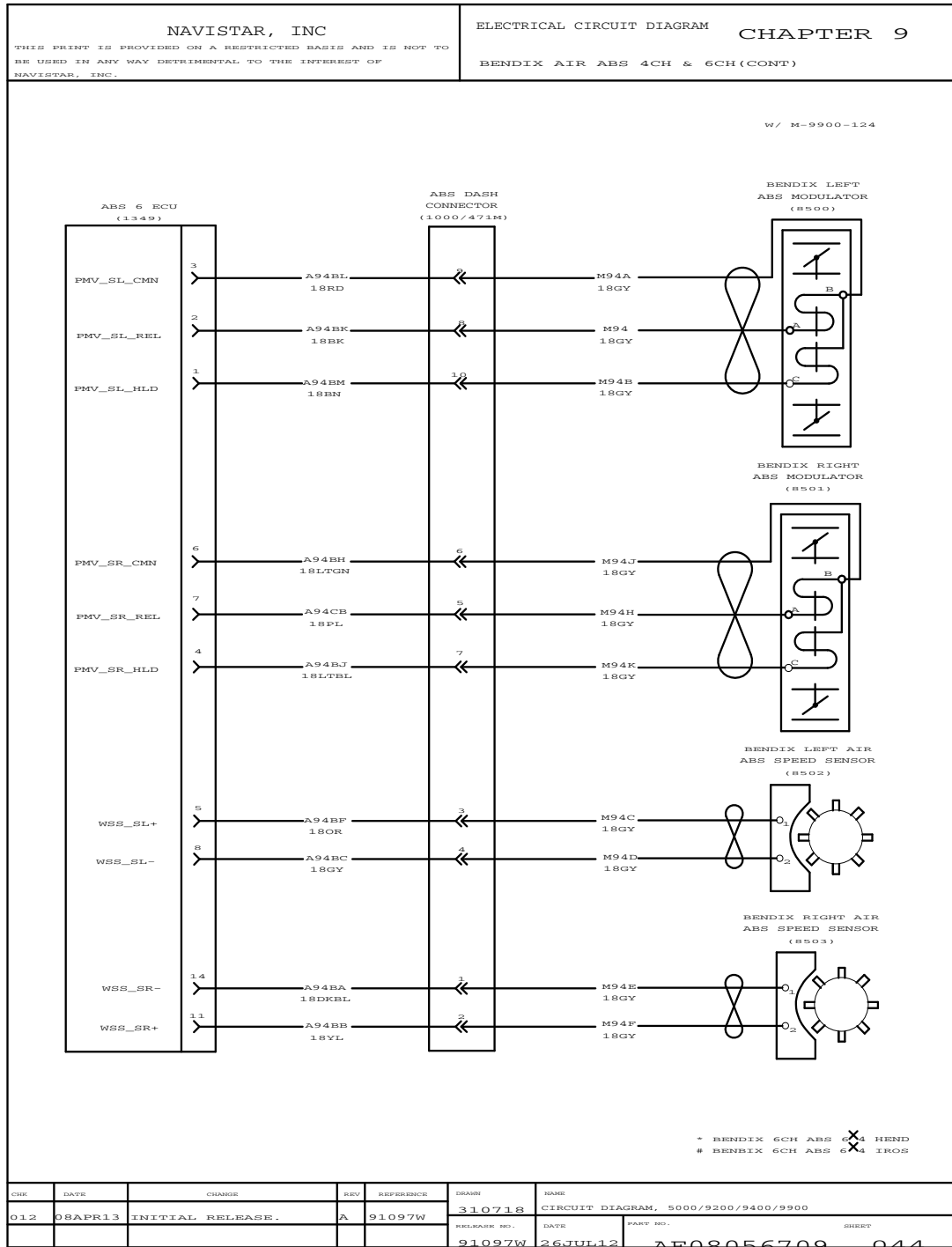


Figure 183 Bendix Air ABS 4CH and 6CH (Cont.)

9.45. BENDIX ADVANCE AIR ABS FOR 4CH AND 6CH, P. 45

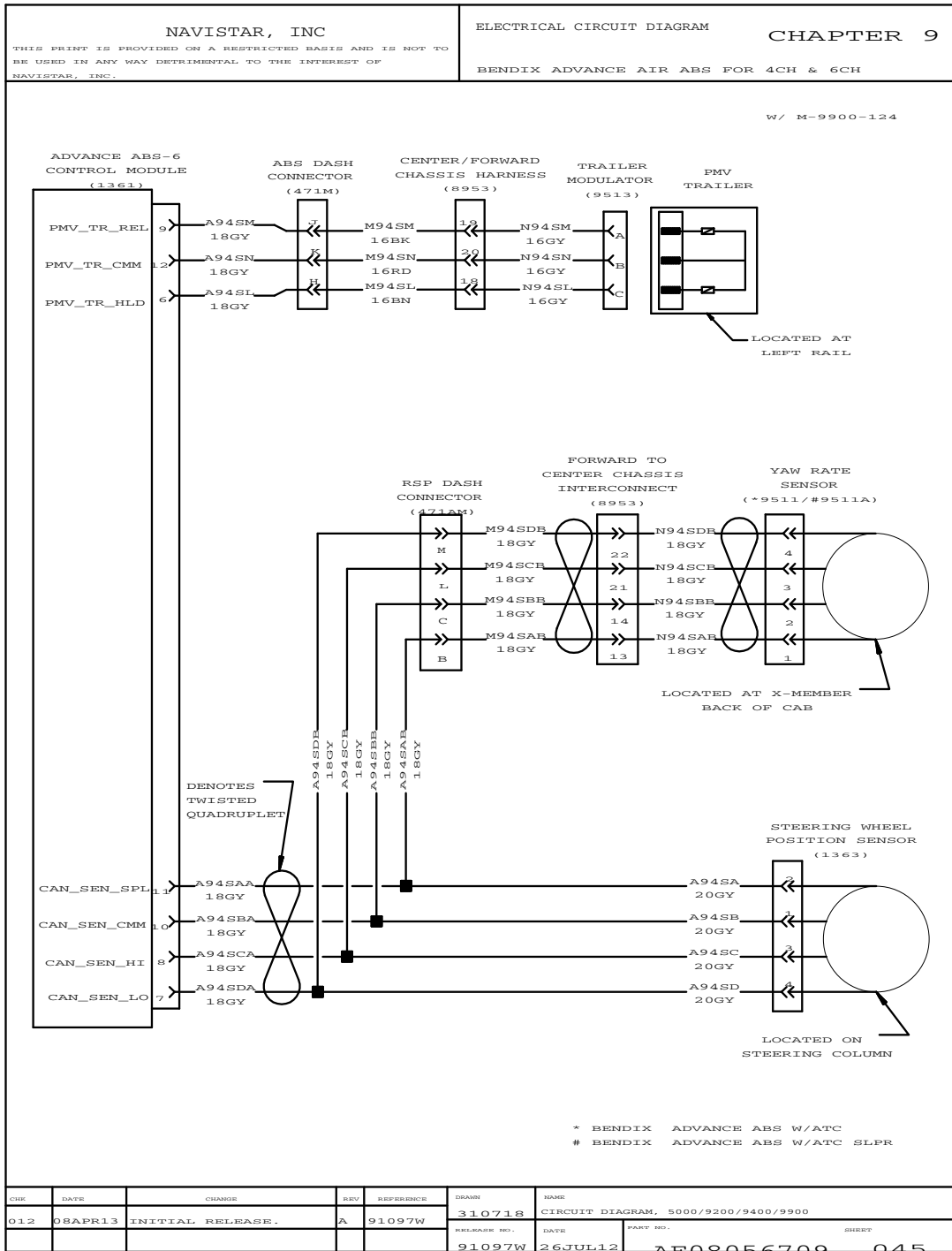


Figure 184 Bendix Advance Air ABS for 4CH and 6CH

9.46. BENDIX ADVANCE AIR ABS, P. 46

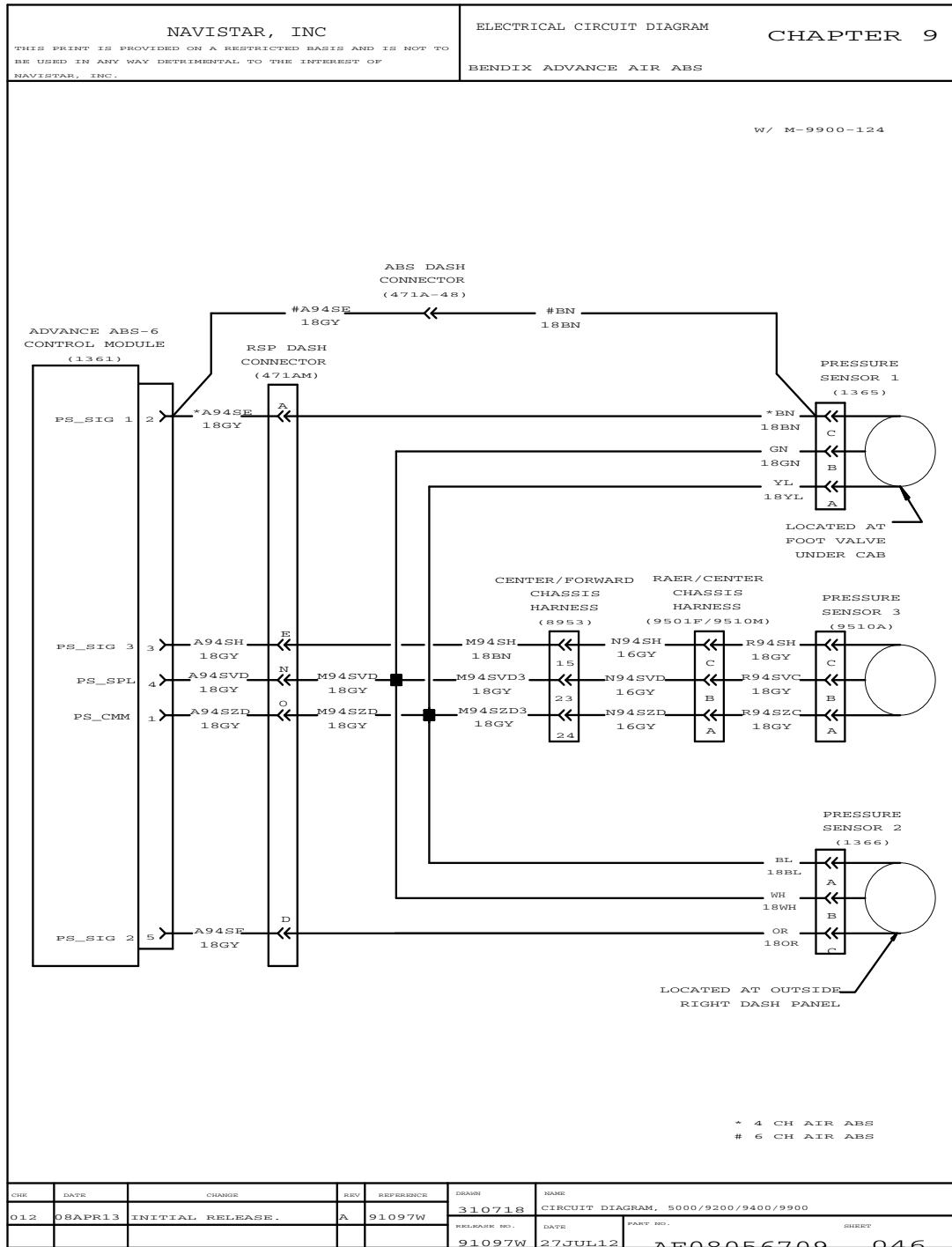


Figure 185 Bendix Advance Air ABS

9.47. BENDIX ADVANCE AIR ABS FOR 4CH AND 6CH, WITH TRAILER TRACTION CONTROL, P. 47

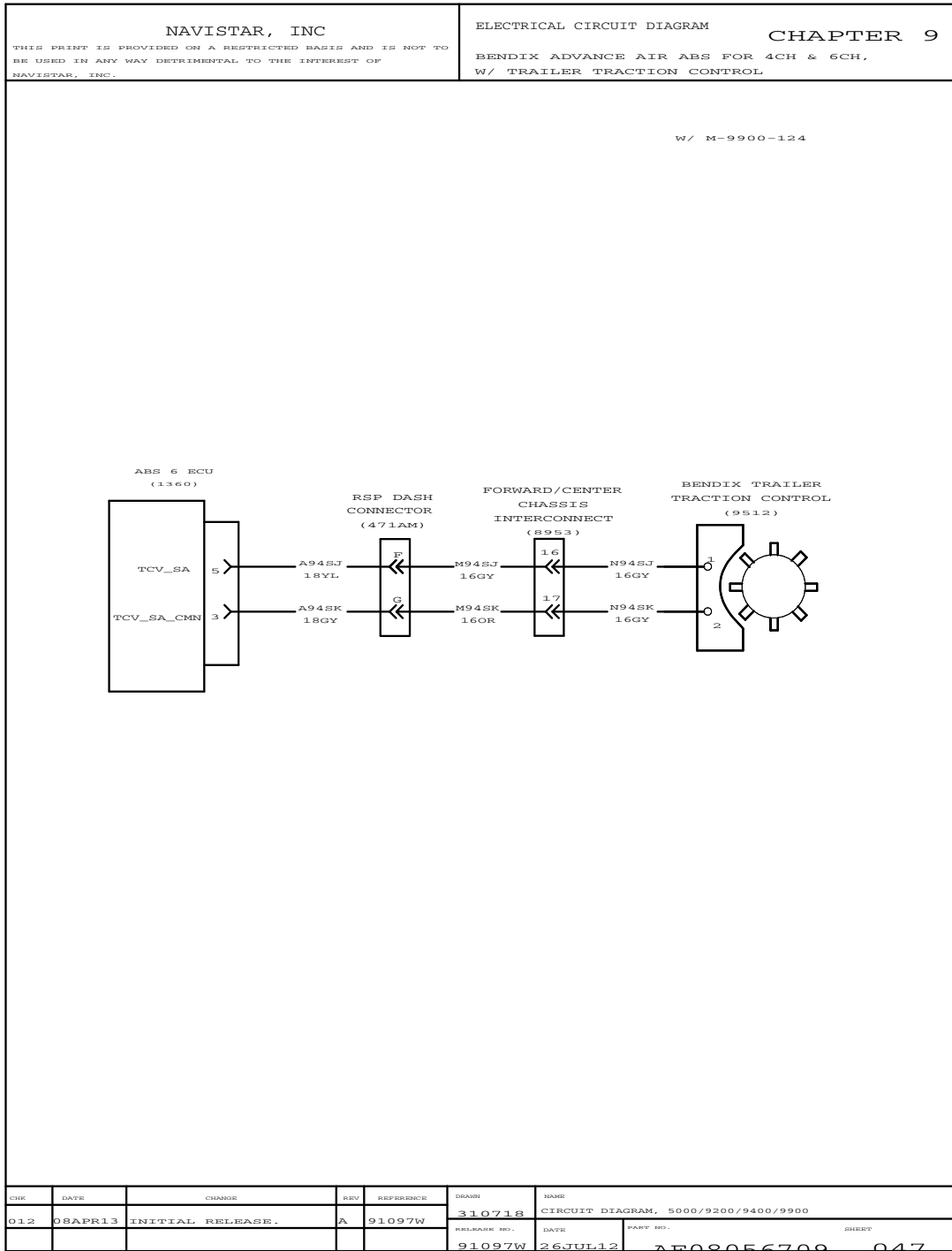


Figure 186 Bendix Advance Air ABS for 4CH and 6CH, with Trailer Traction Control

9.48. BENDIX ADVANCE AIR ABS 6CH, P. 48

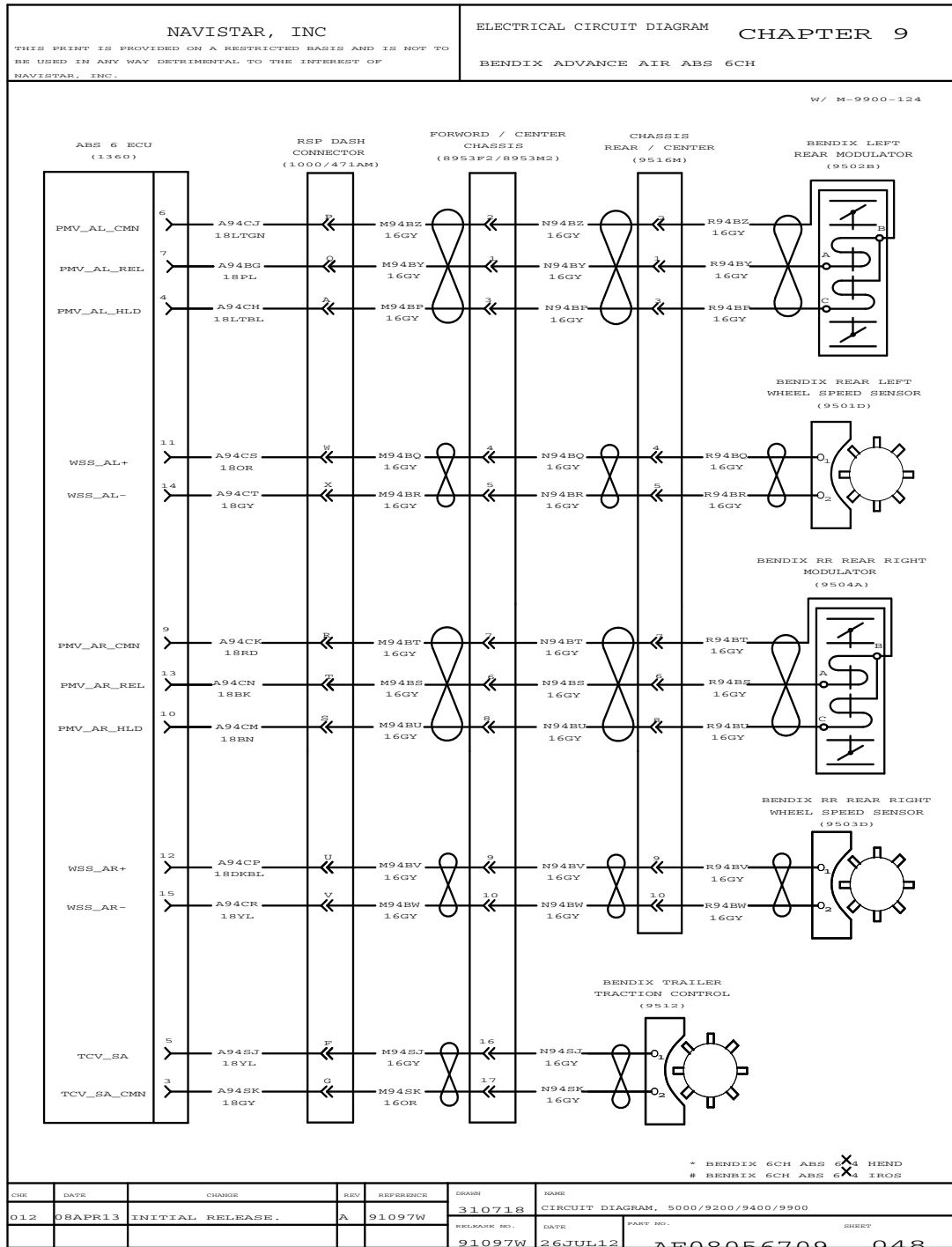


Figure 187 Bendix Advance Air ABS 6CH

9.49. WABCO AIR ABS FOR 4CH & 6CH, P. 49

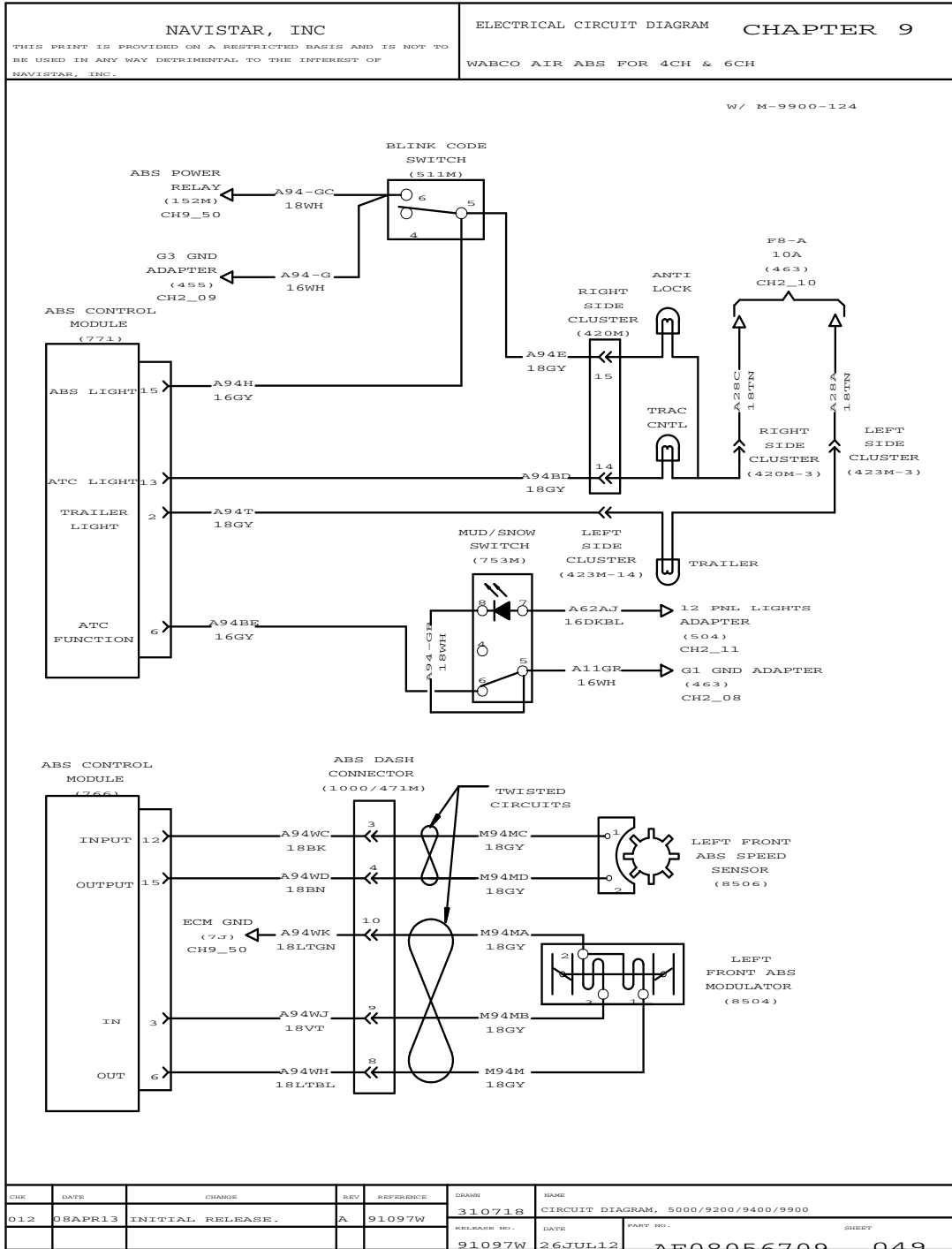


Figure 188 Wabco Air ABS for 4CH & 6CH

9.50. WABCO AIR ABS FOR 4CH & 6CH, P. 50

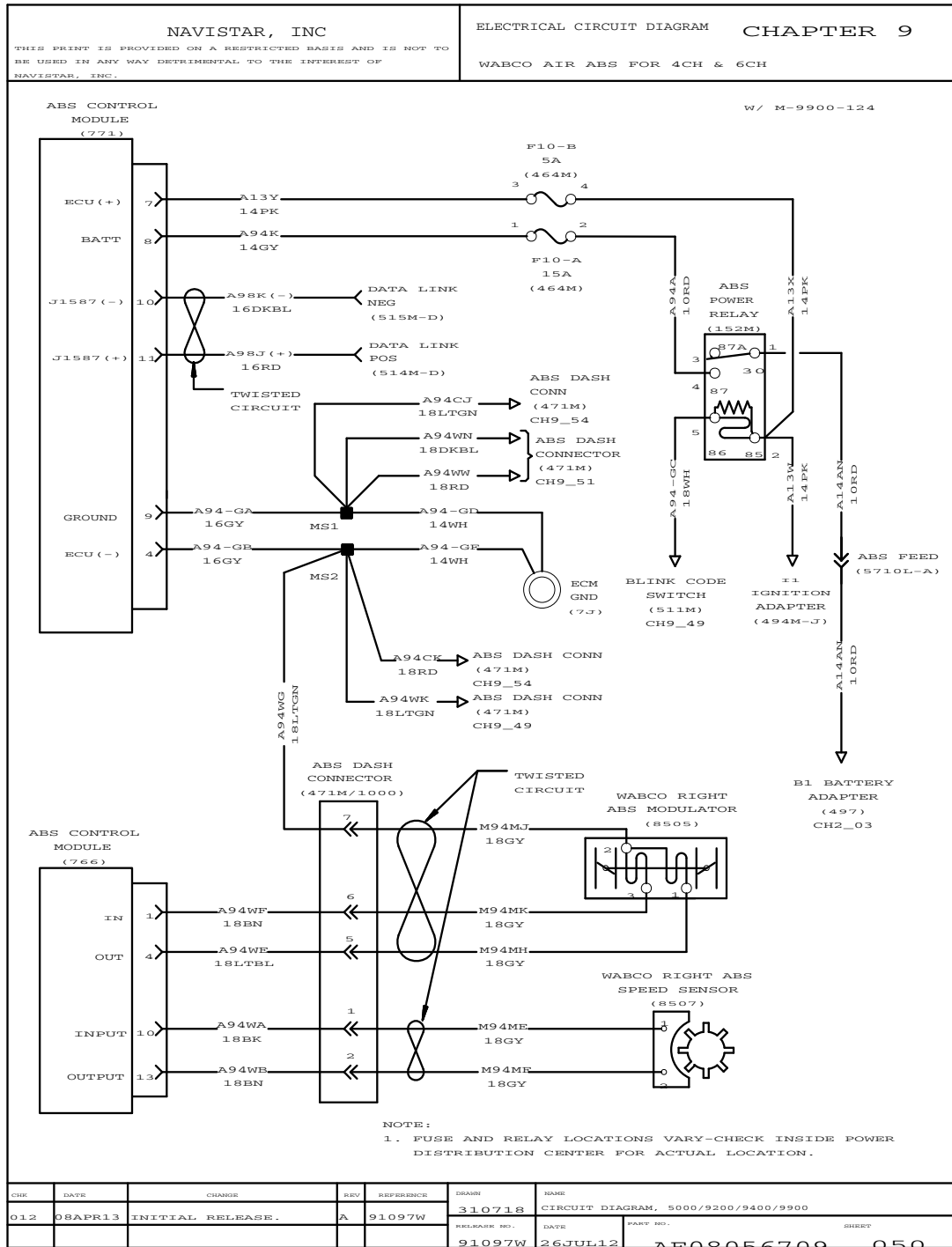


Figure 189 Wabco Air ABS for 4CH & 6CH

9.51. WABCO AIR ABS FOR 4CH & 6CH, P. 51

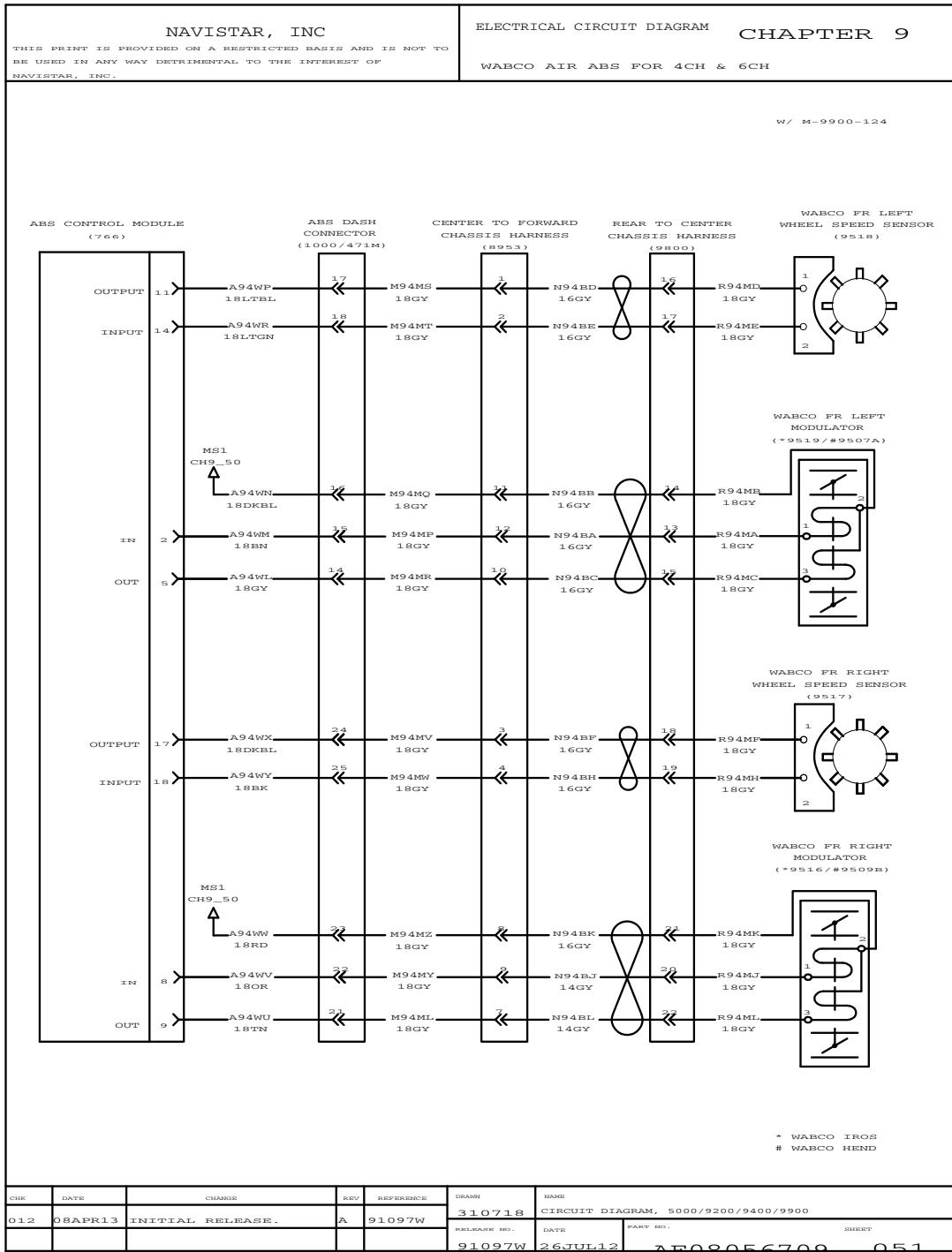


Figure 190 Wabco Air ABS for 4CH & 6CH

9.52. WABCO ABS WITH ATC, P. 52

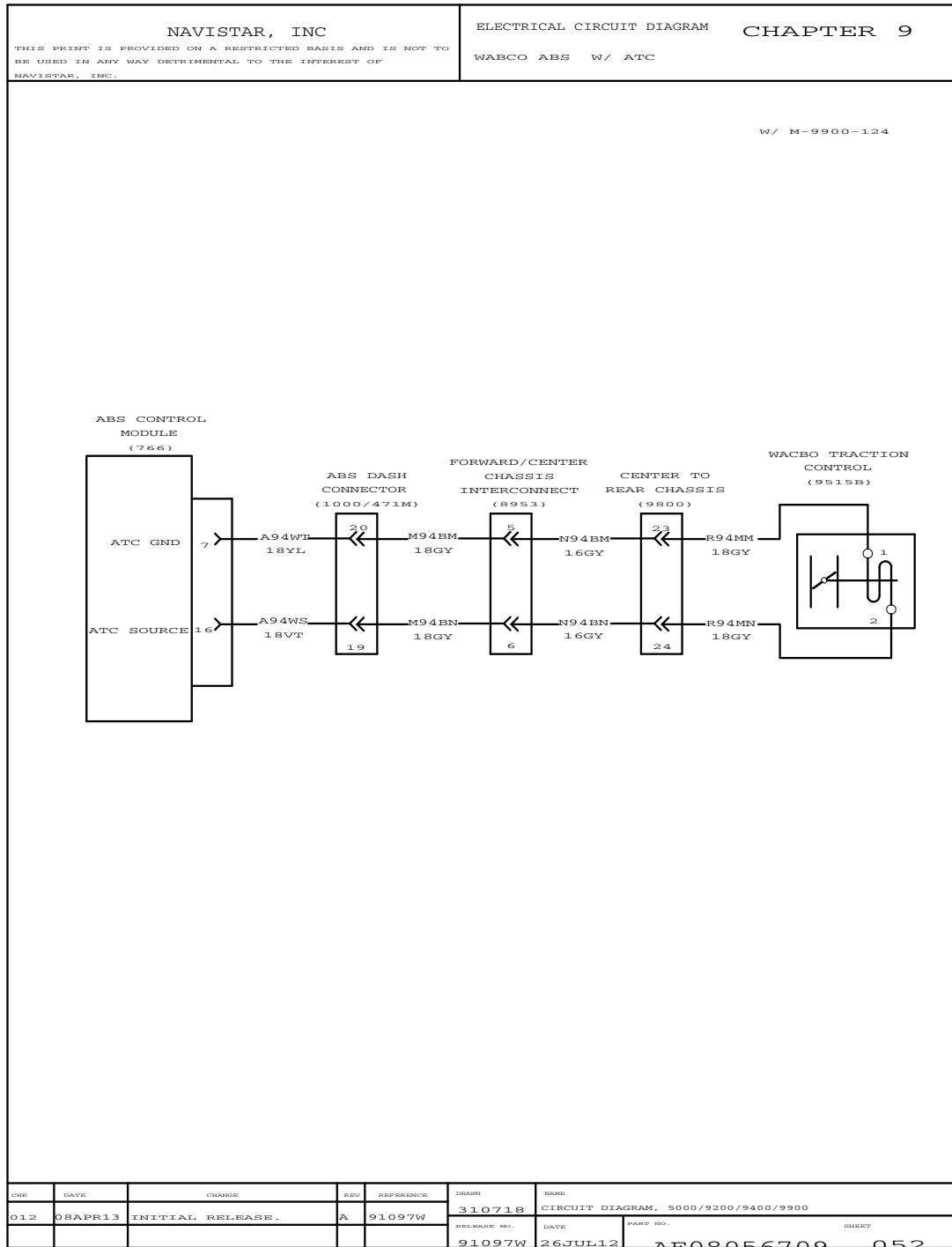


Figure 191 Wabco ABS with ATC

9.53. WABCO ABS, J1939, P. 53

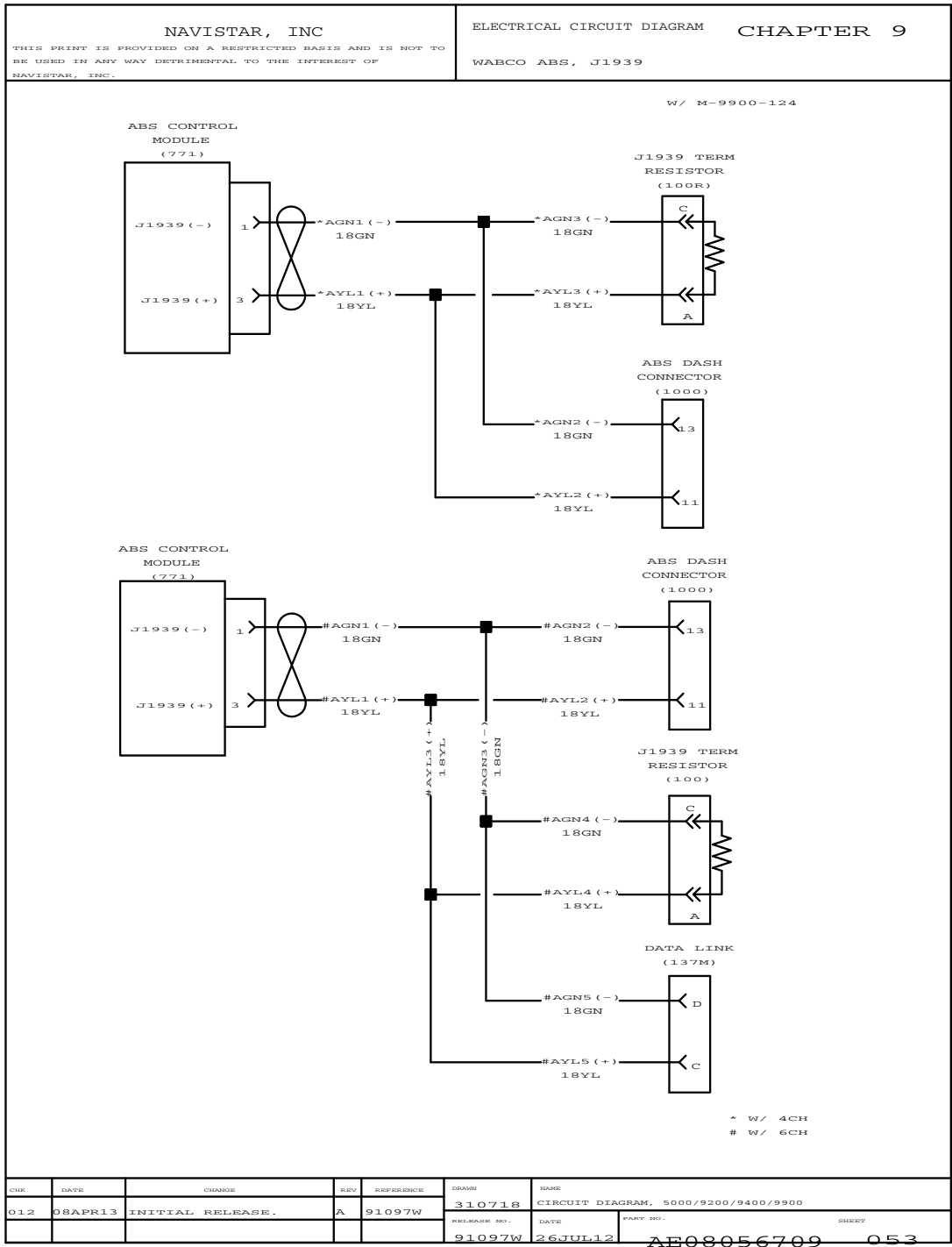


Figure 192 Wabco ABS, J1939

9.55. ULTRASHIFT PLUS, P. 55

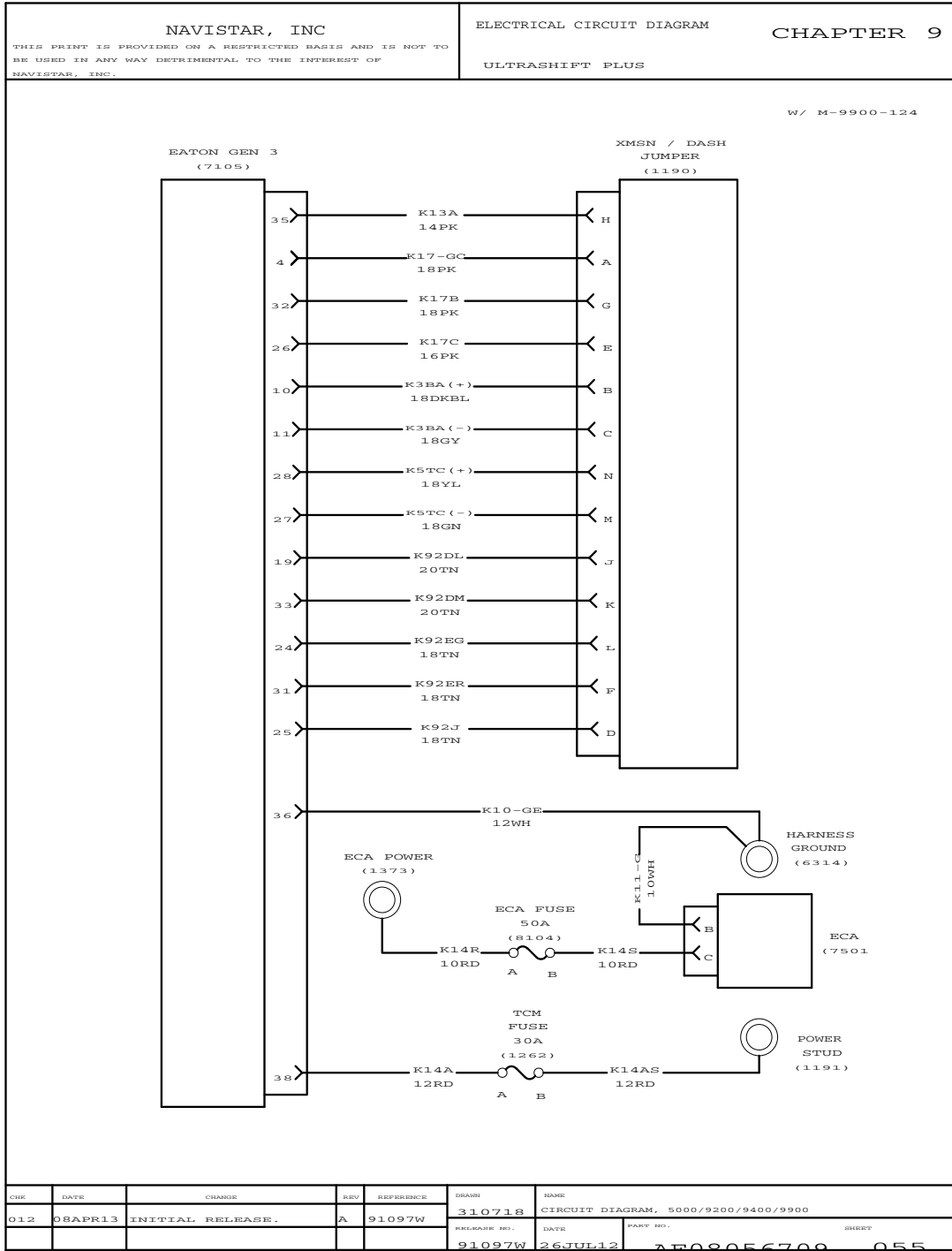


Figure 194 Ultrashift Plus

9.56. MANUAL / ULTRASHIFTER PLUS / REVERSE SWITCH TRANSMISSION, P. 56

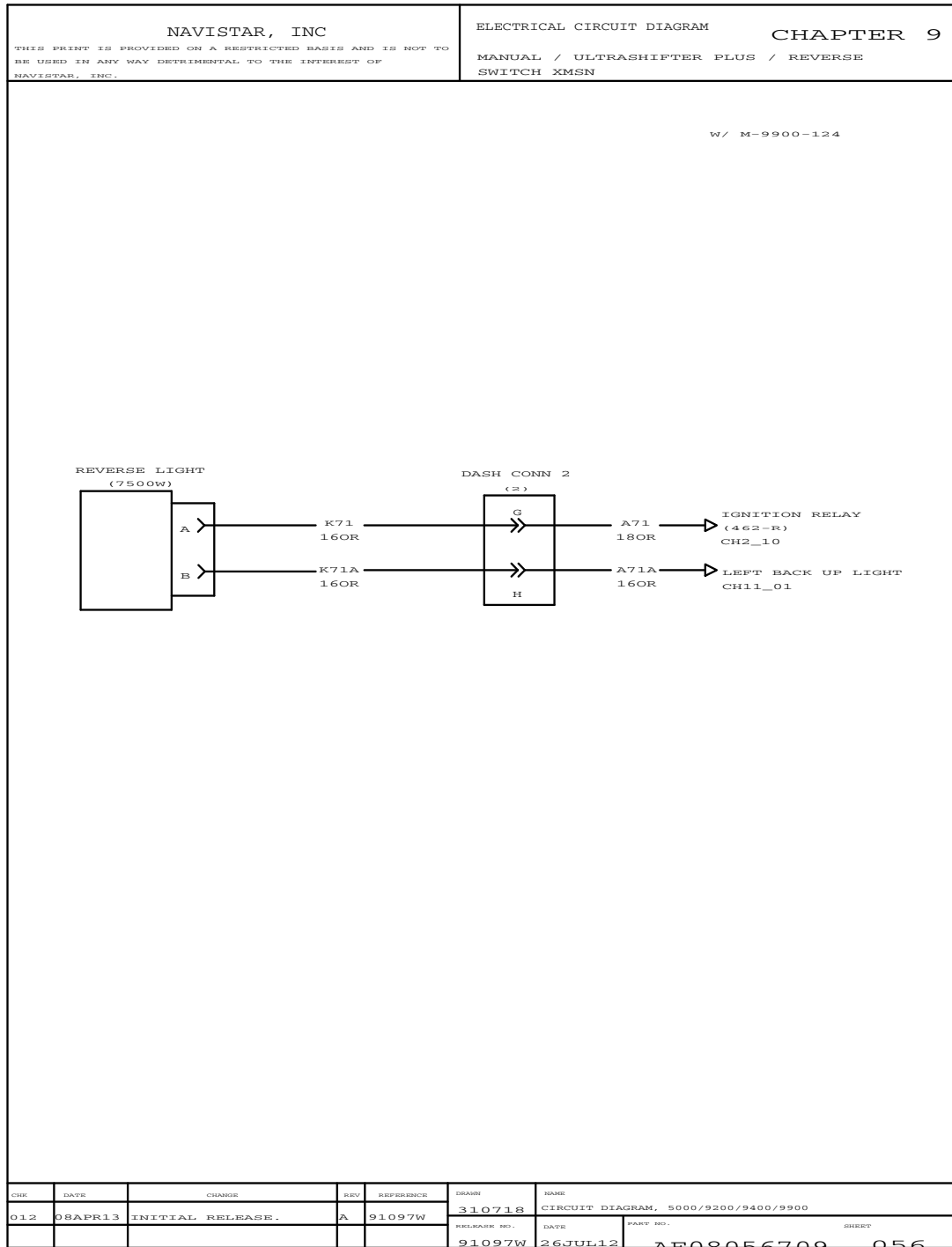


Figure 195 Manual / Ultrashifter Plus / Reverse Switch Transmission

9.57. ALLISON TRANSMISSION, P. 57

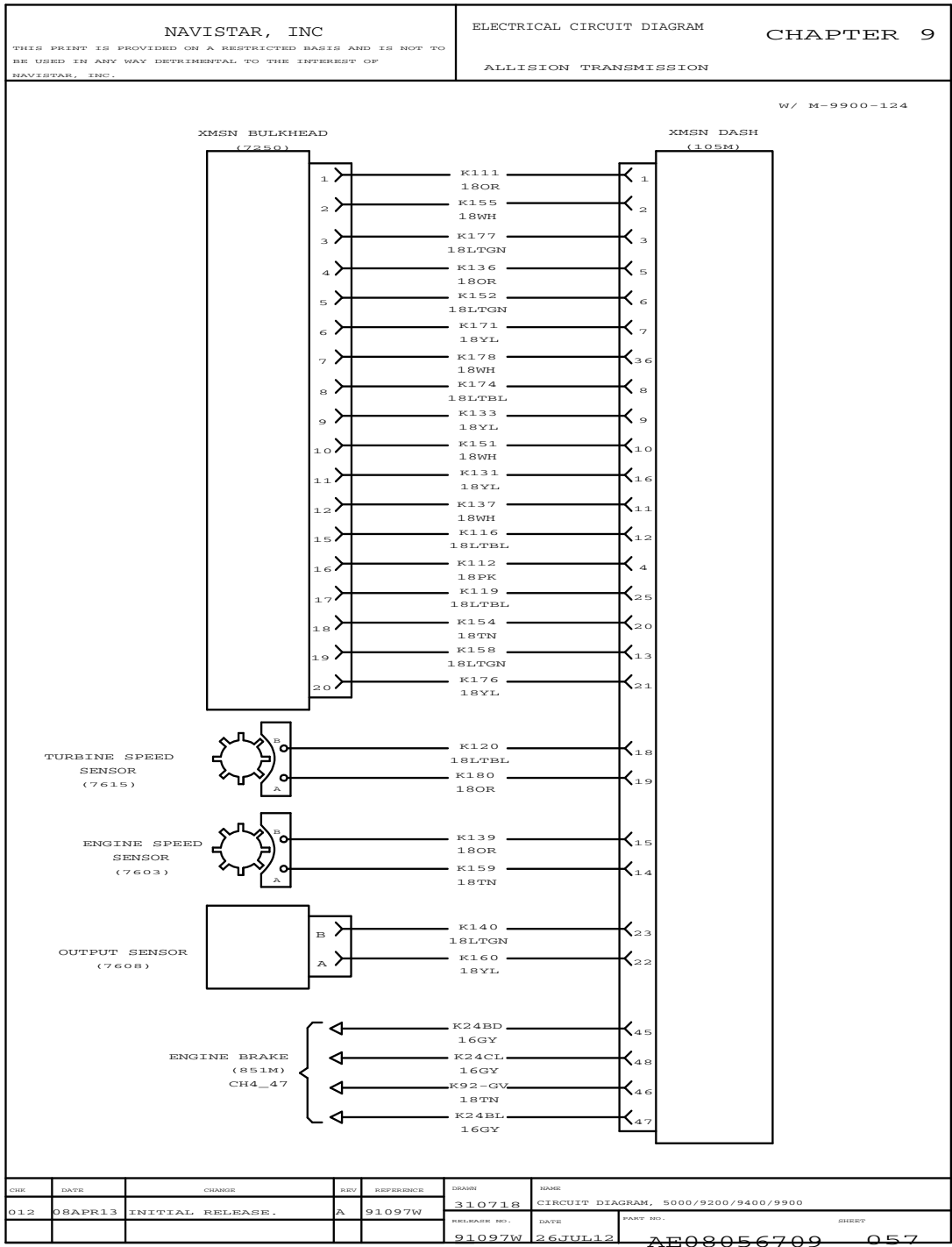


Figure 196 Allison Transmission

9.58. ALLISON 4700 TRANSMISSION WITH EOF SHIFTER, P. 58

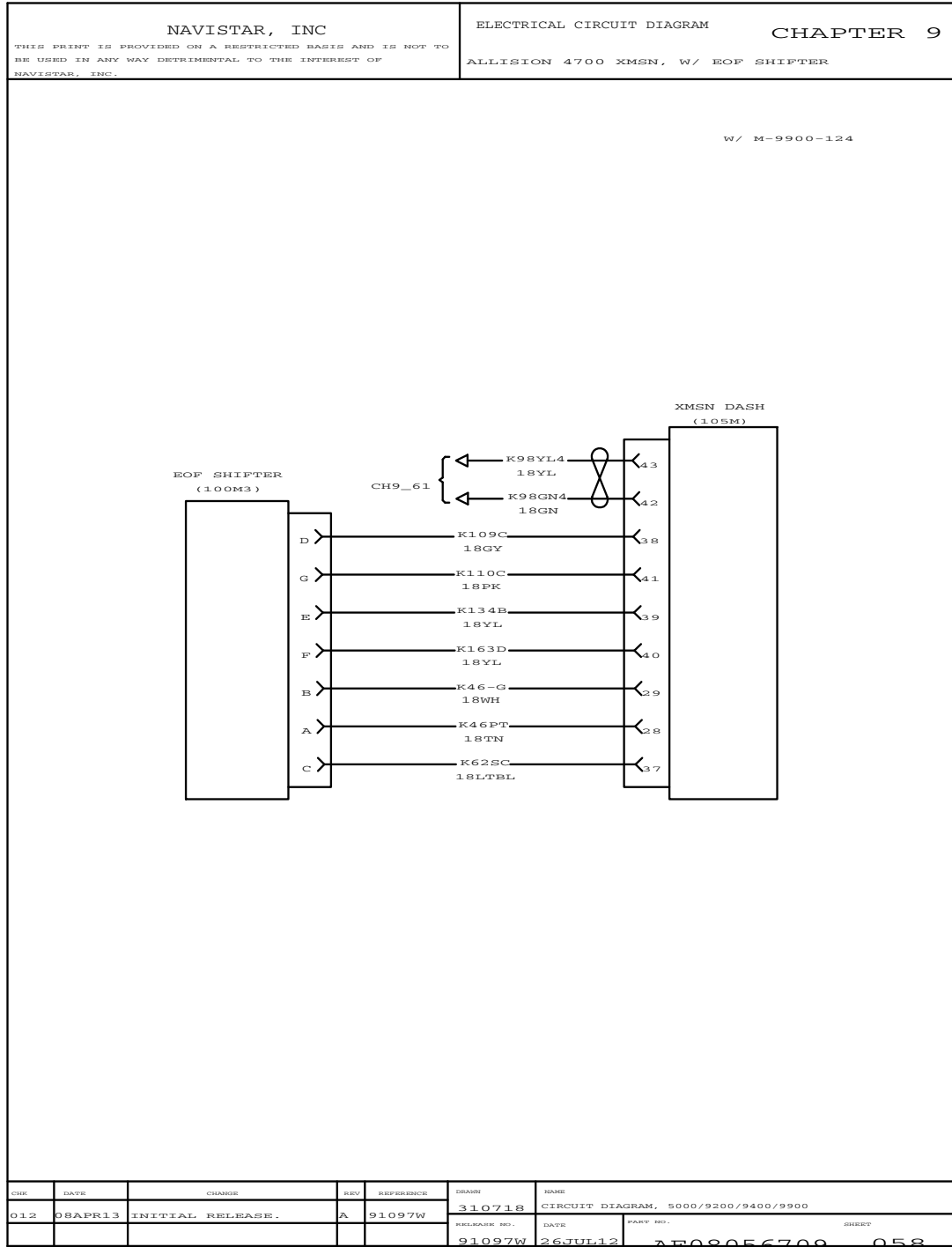


Figure 197 Allison 4700 Transmission with EOF Shifter

9.59. MANUAL TRANSMISSION, J1939, P. 59

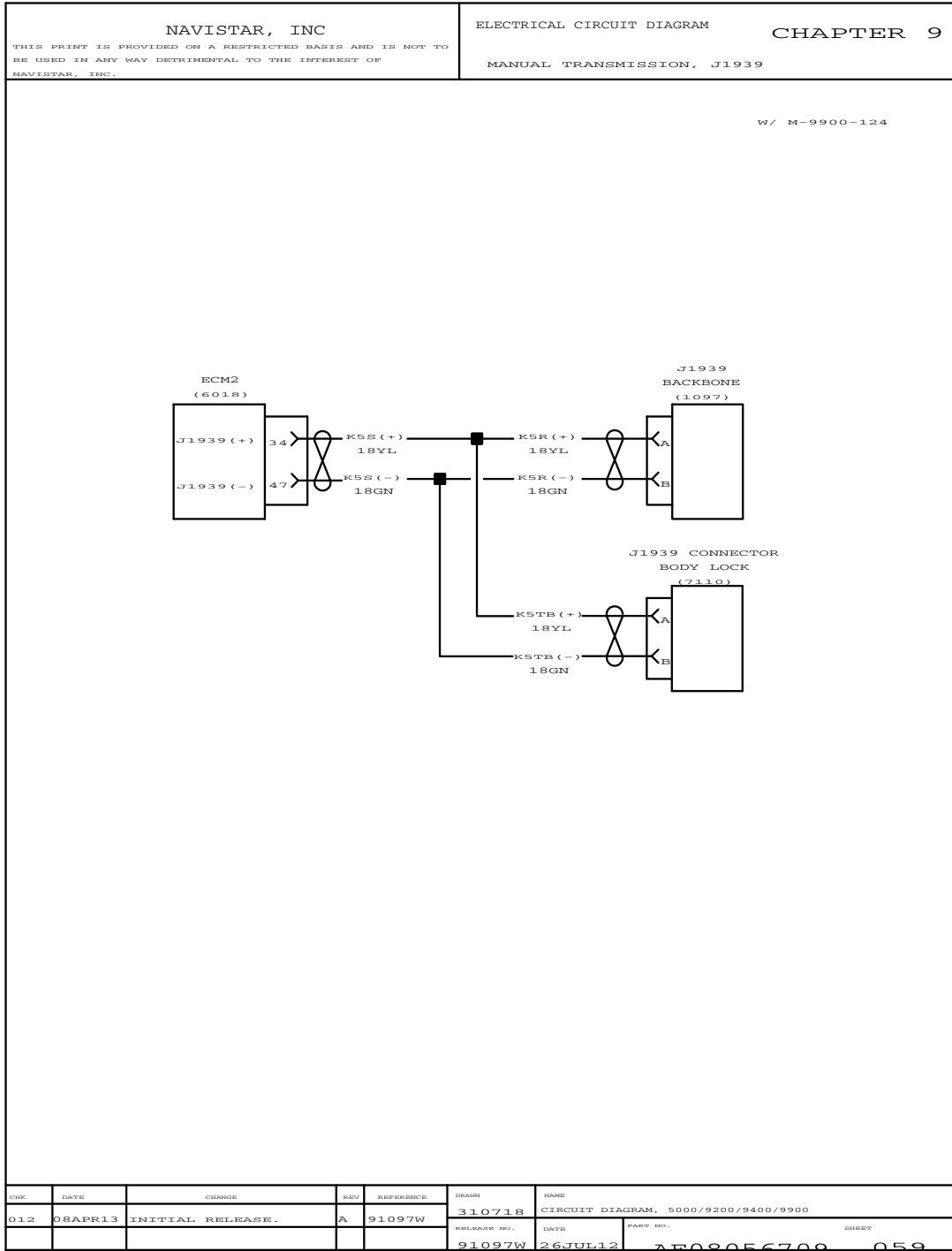


Figure 198 Manual Transmission, J1939

9.60. ULTRASHIFT PLUS, J1939, P. 60

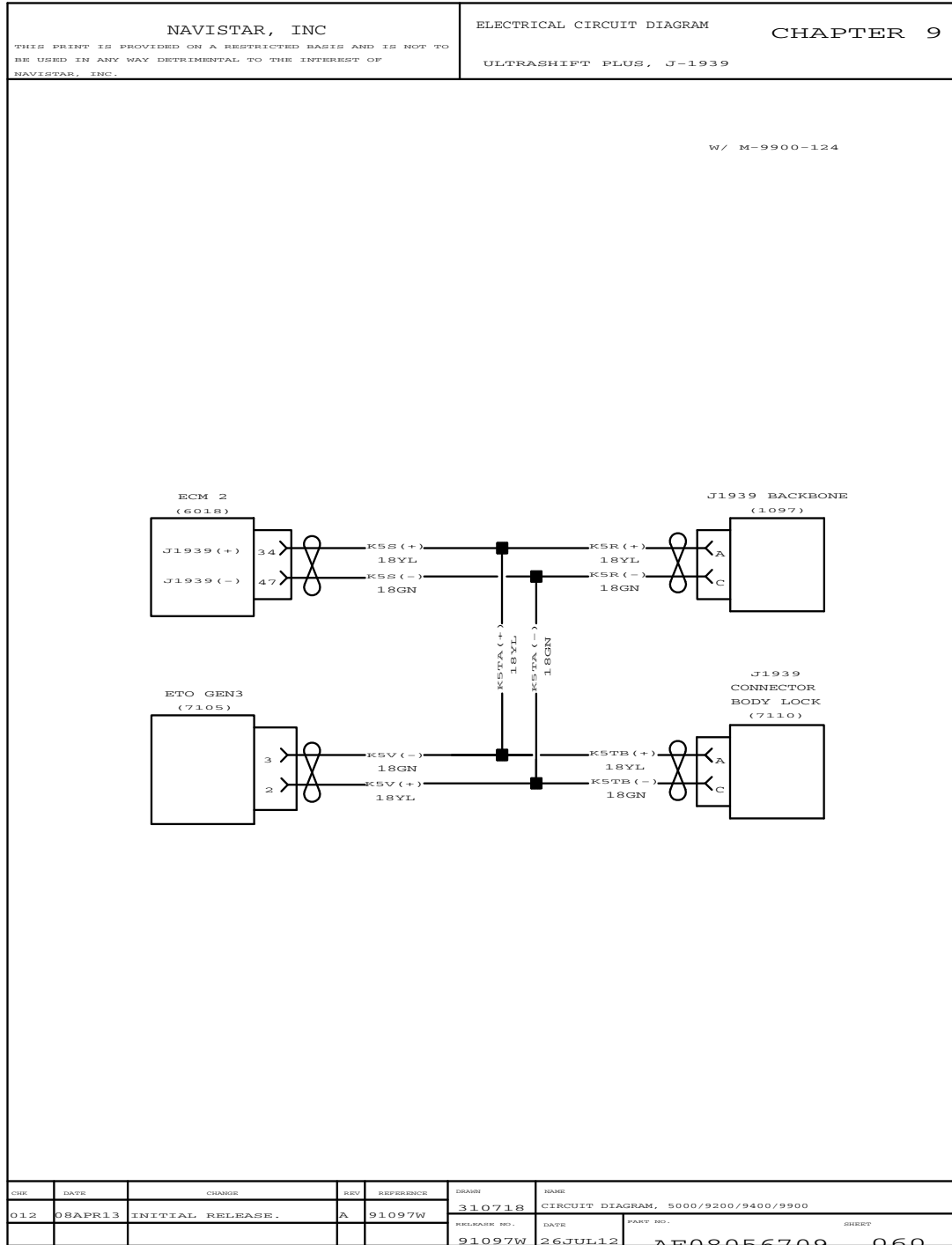


Figure 199 Ultrashift Plus, J1939

9.61. ALLISON TRANSMISSION, J1939, P. 61

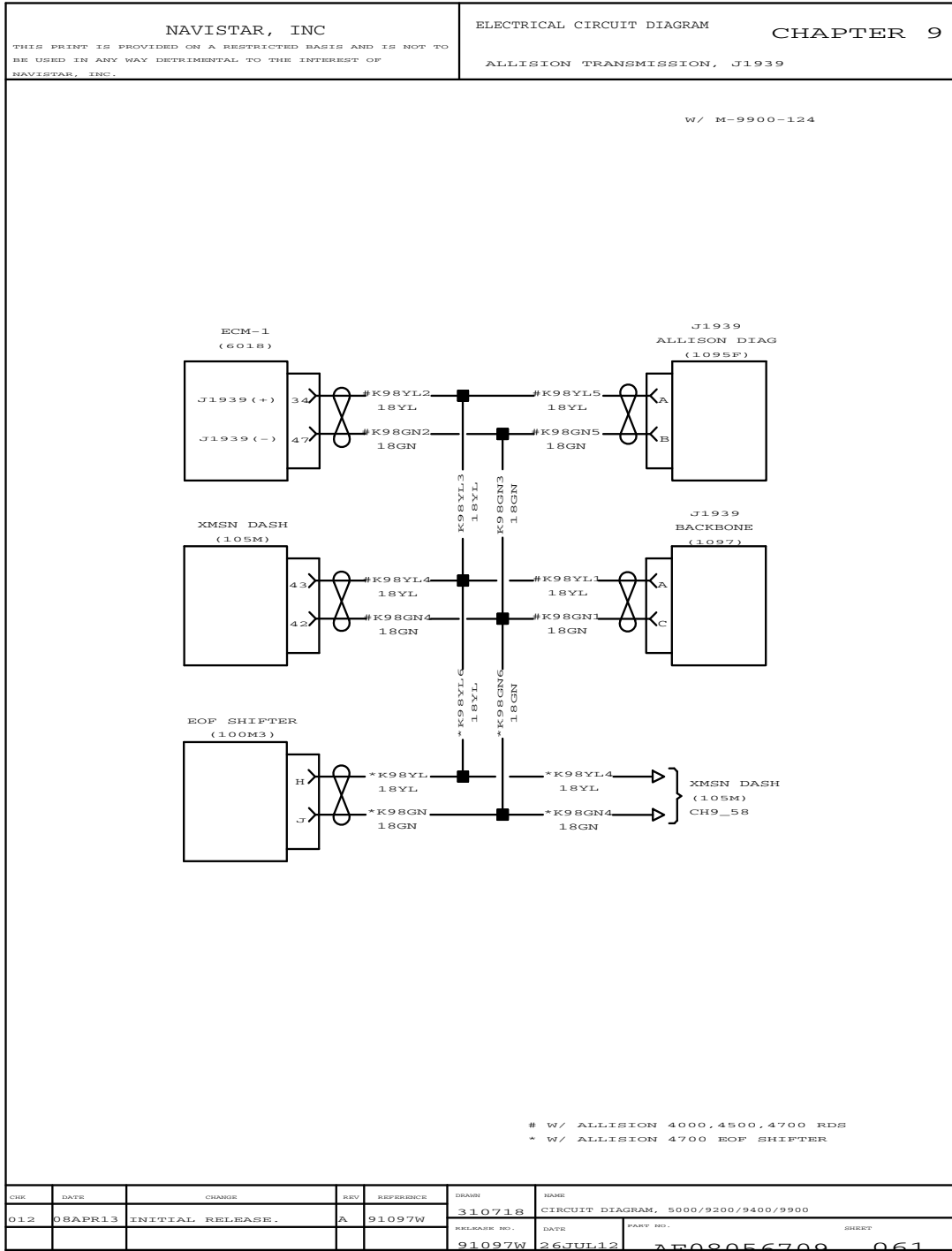


Figure 200 Allison Transmission, J1939

9.62. TRAILER CONNECTION, P. 62

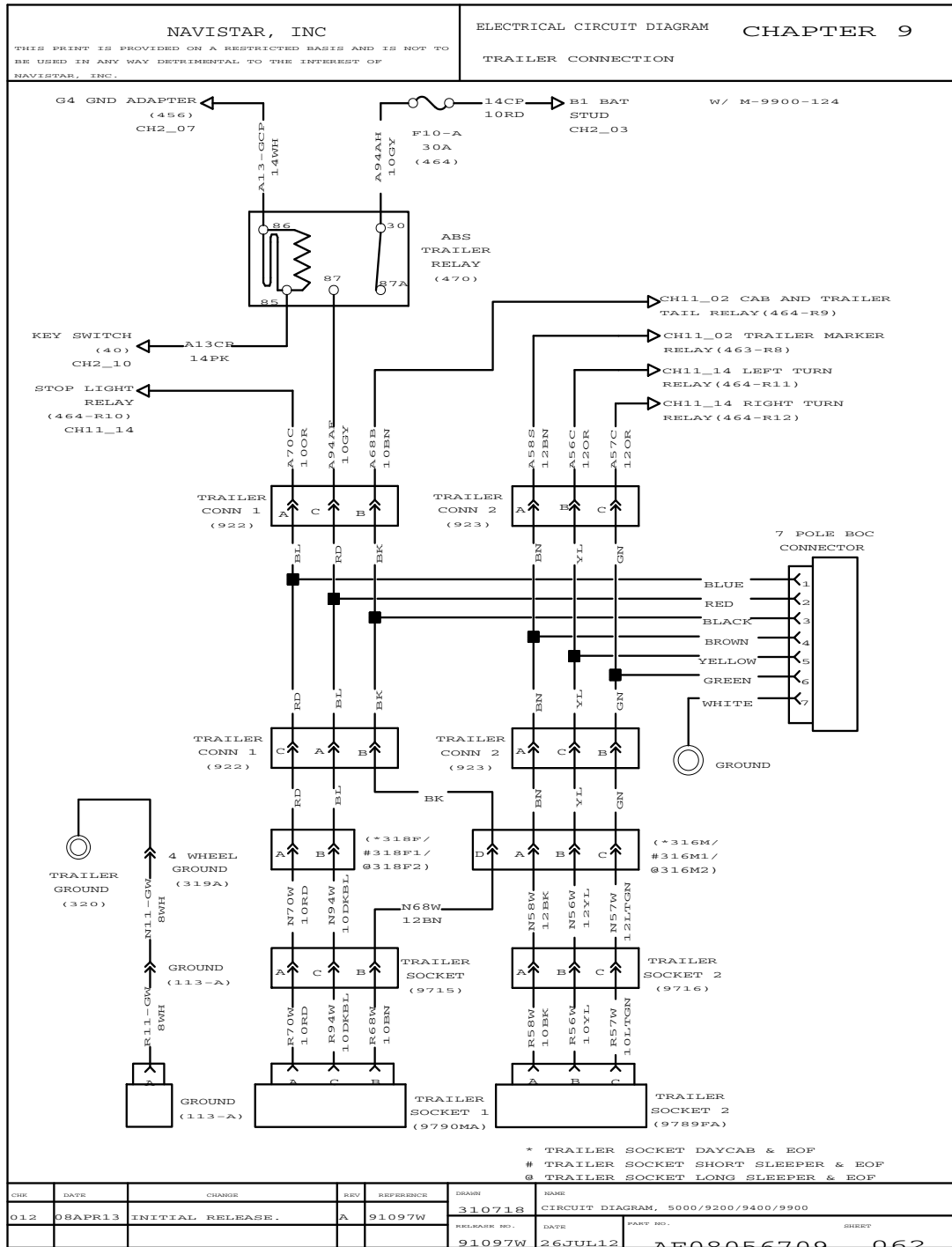


Figure 201 Trailer Connection

SLEEPER LIGHTING AND ACCESSORIES (CHAPTER 10)

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

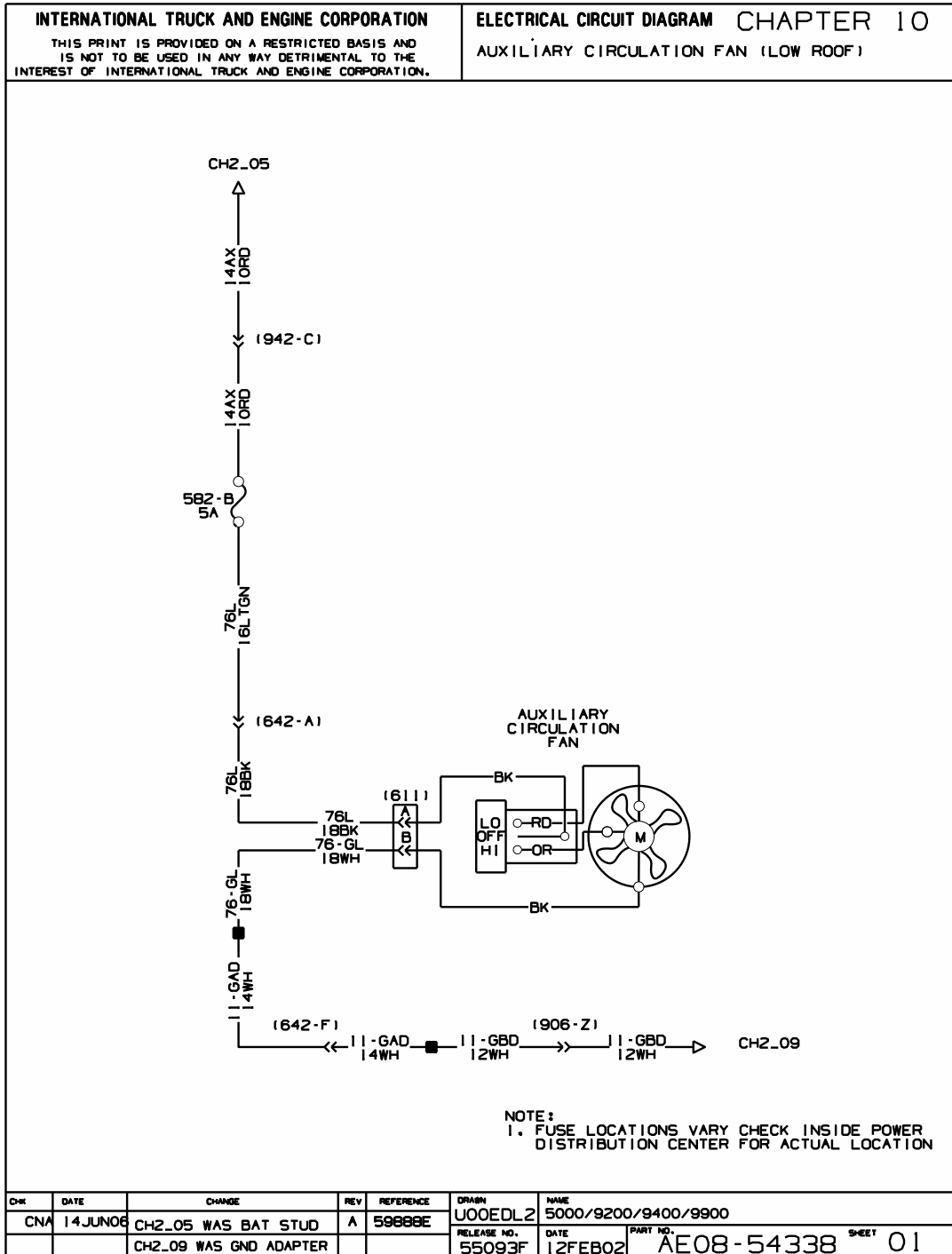


Figure 202 Auxiliary Circulation Fan (Low Roof)

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

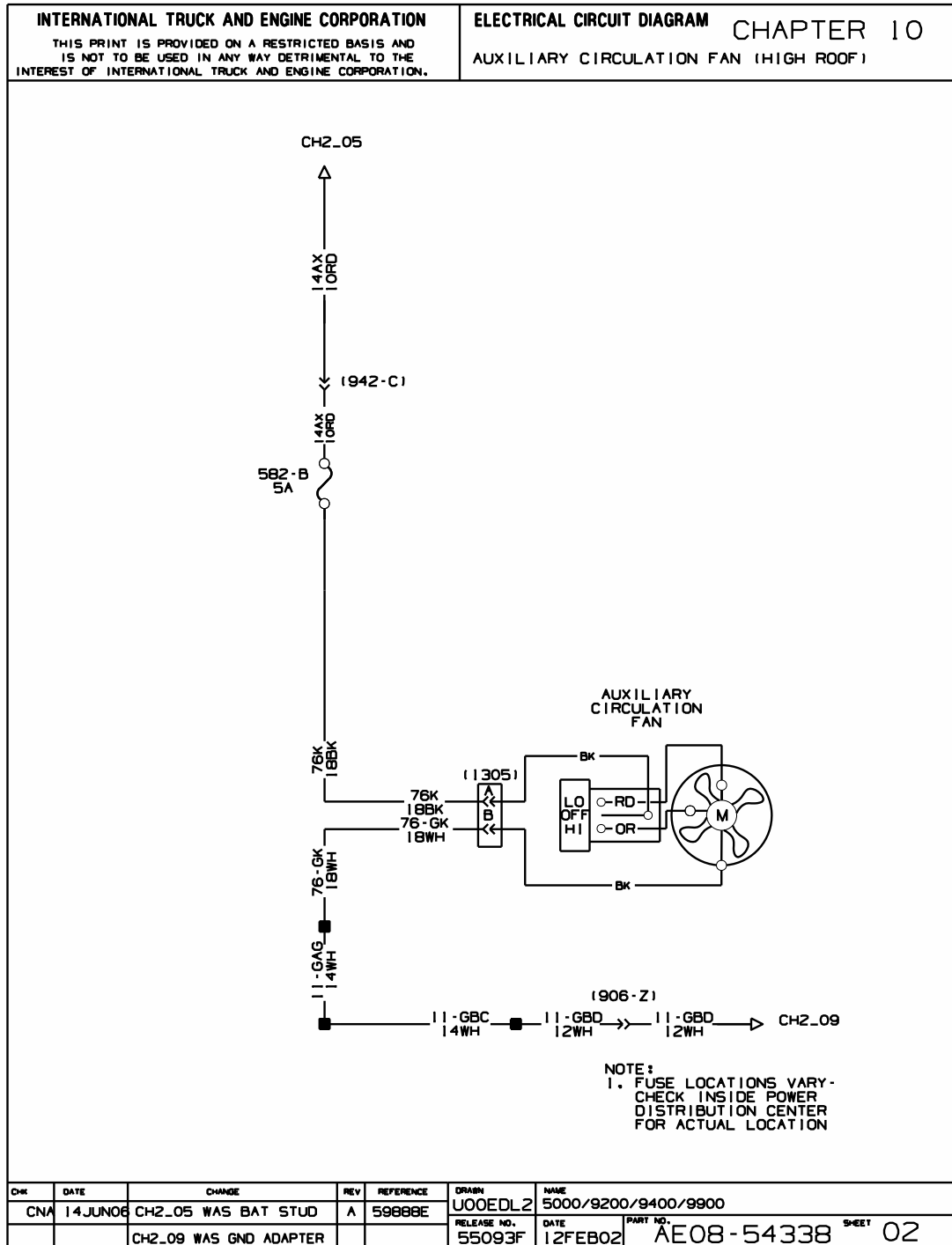


Figure 203 Auxiliary Circulation Fan (High Roof)

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

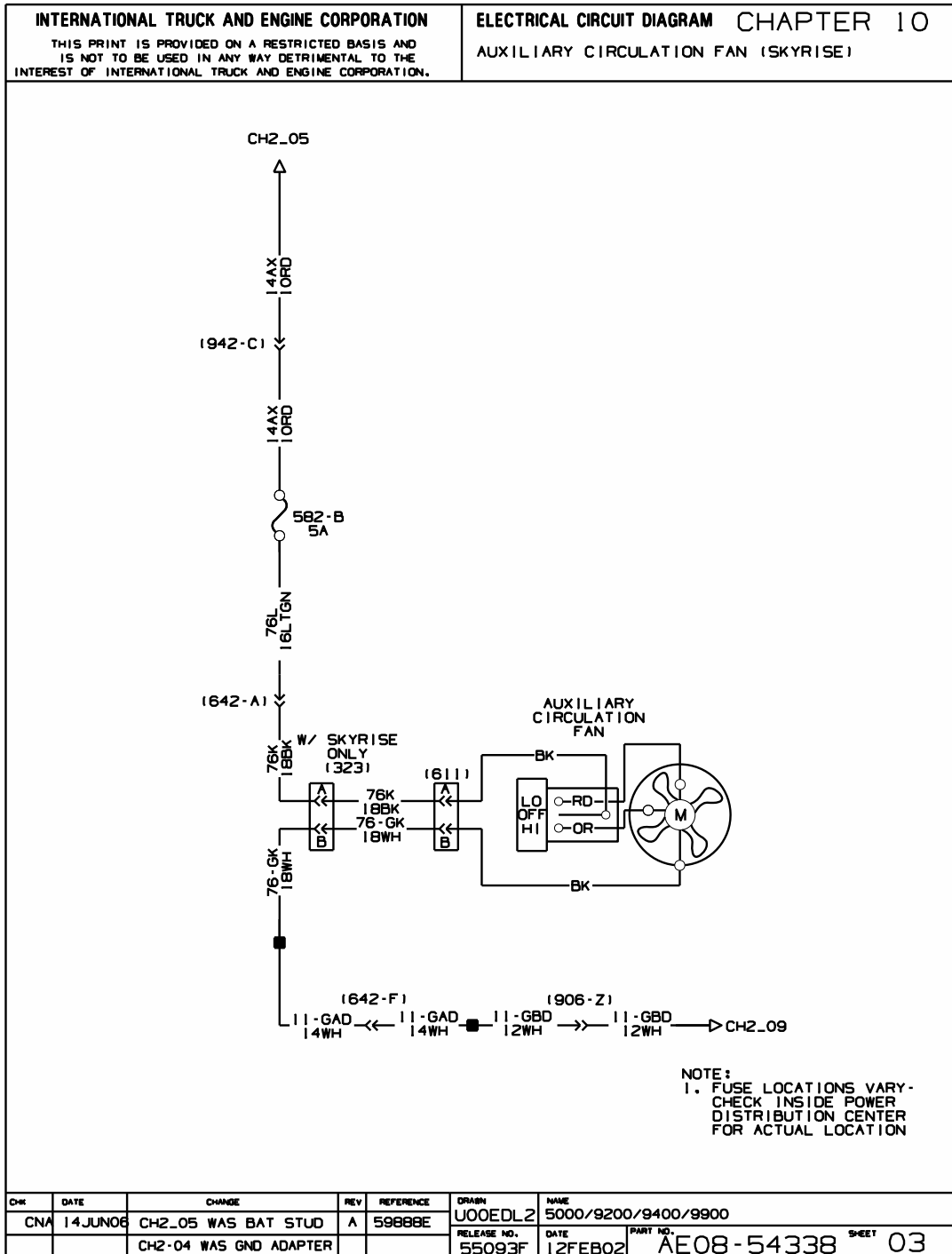


Figure 204 Auxiliary Circulation Fan (Skyrise)

10.5. BUNK SPEAKERS, P. 5

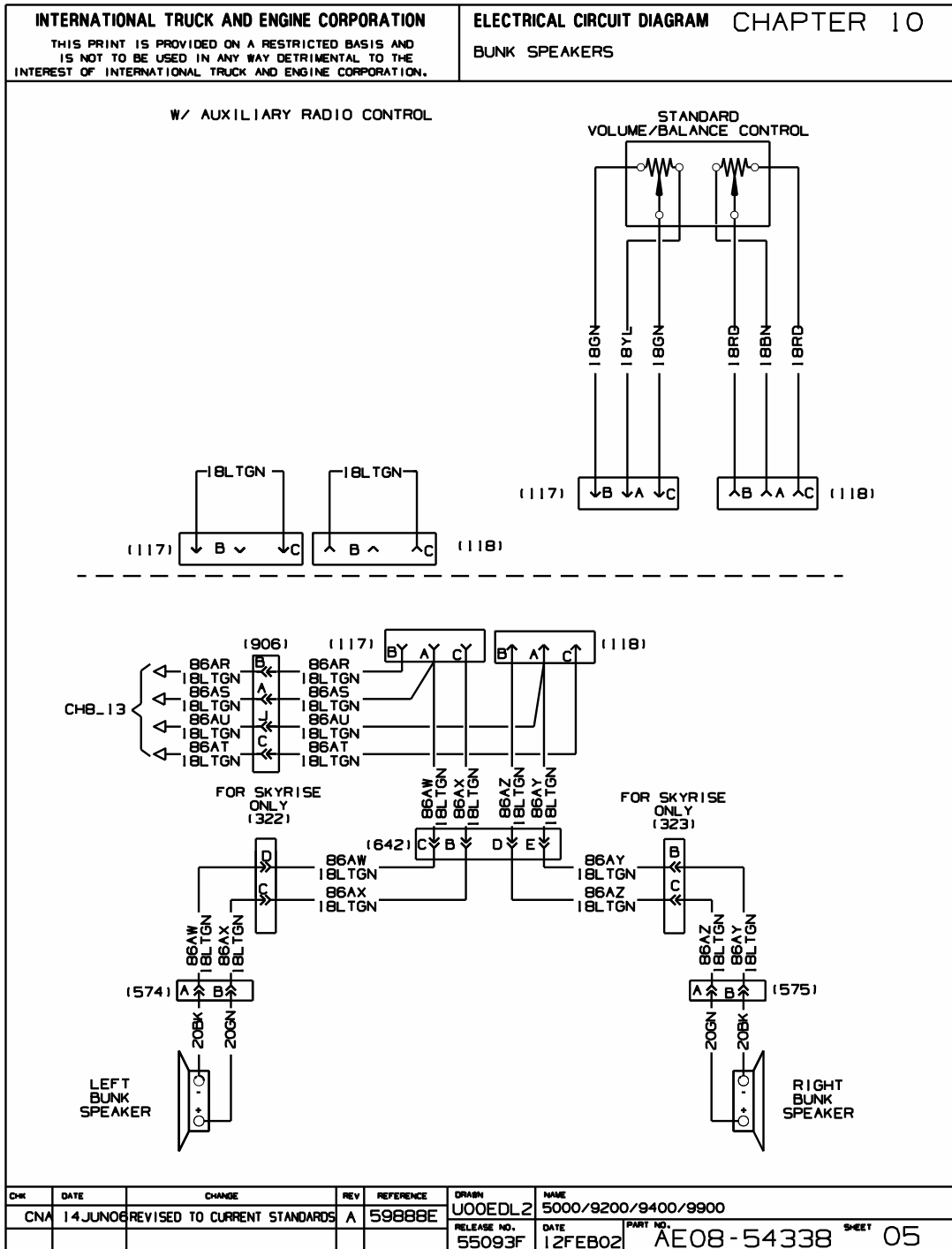


Figure 206 Bunk Speakers

10.6. LUGGAGE COMPARTMENT LIGHTS, P. 6

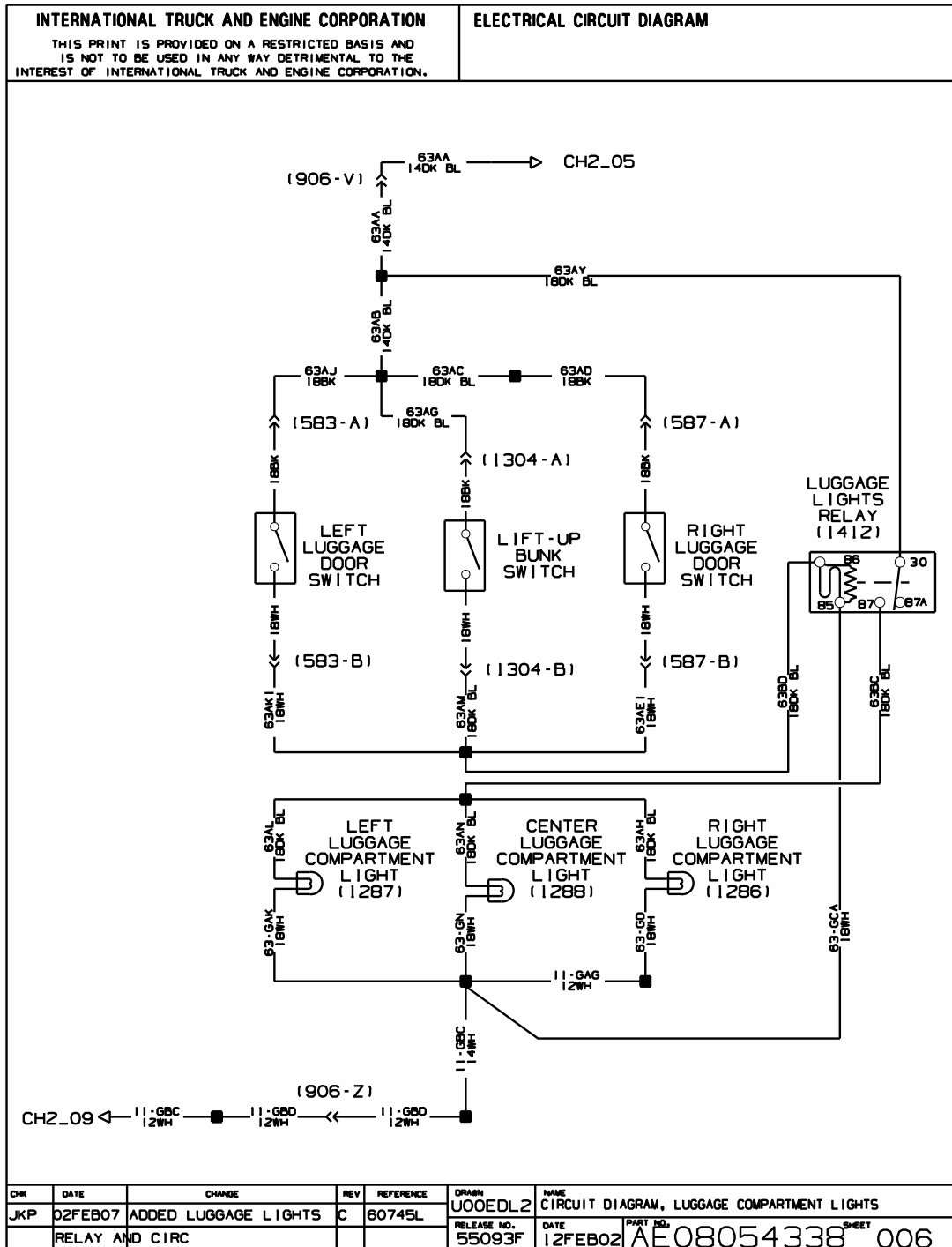


Figure 207 Luggage Compartment Lights

10.7. POWER SOURCE, P. 7

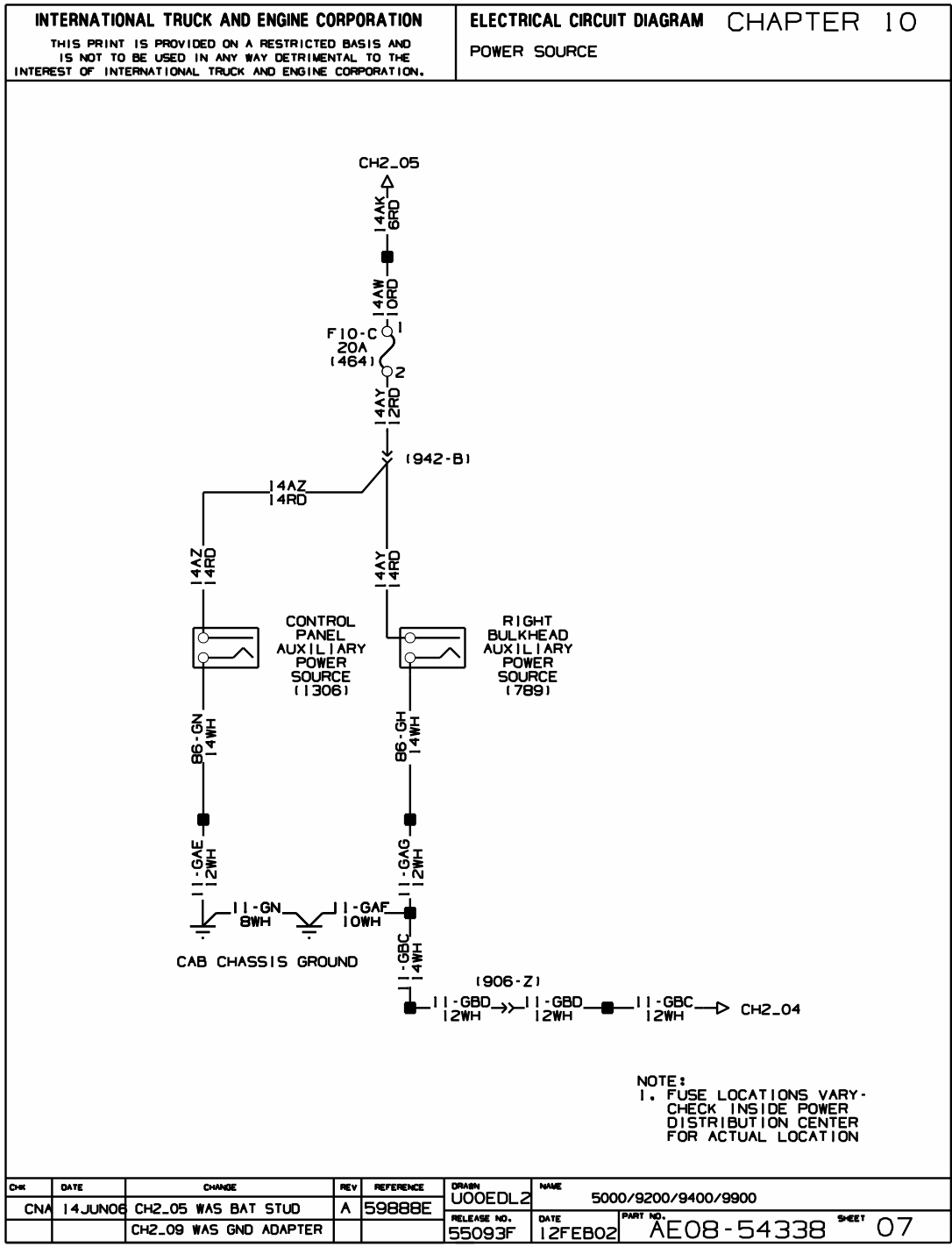


Figure 208 Power Source

10.8. REFRIGERATOR WIRING, P. 8

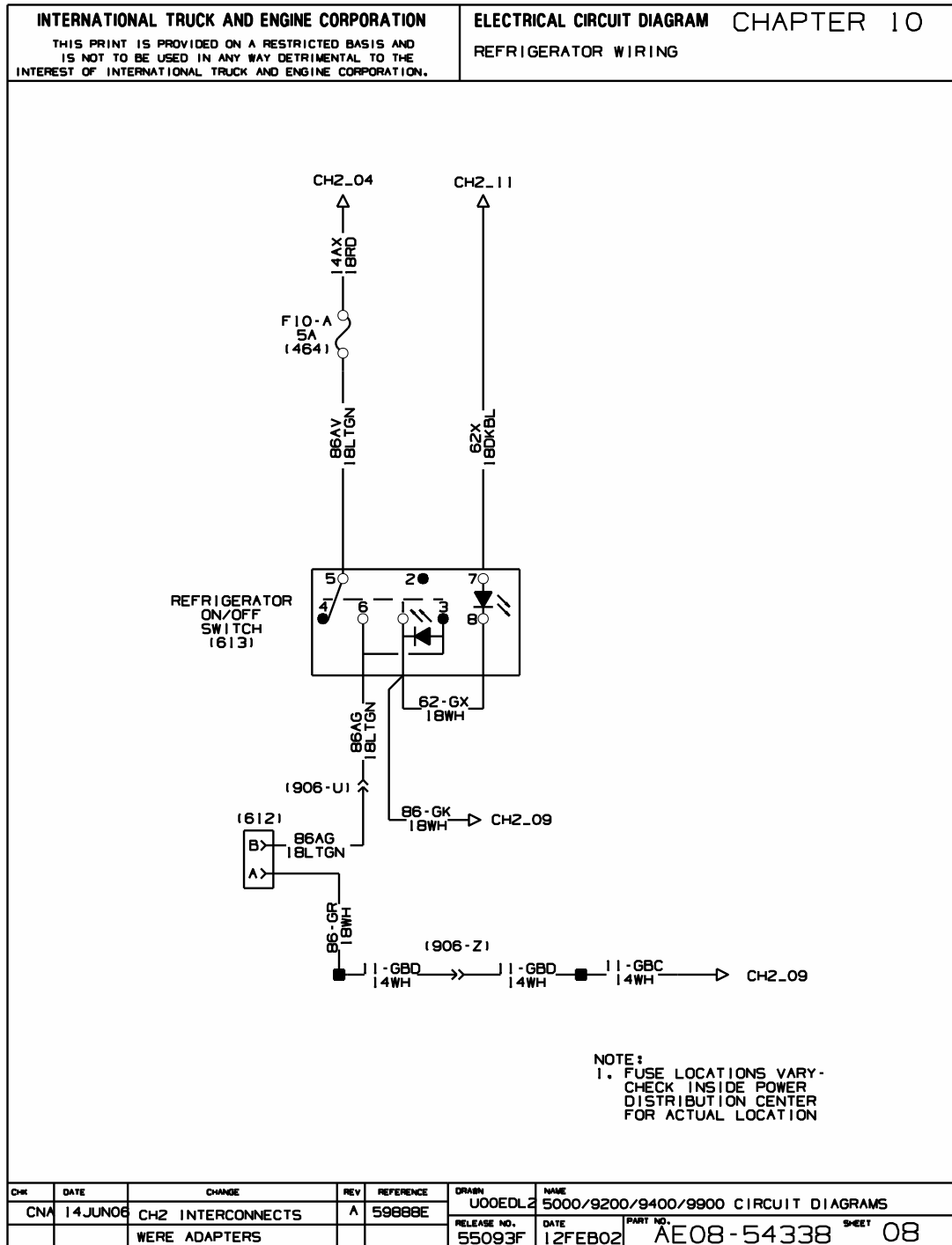


Figure 209 Refrigerator Wiring

10.9. TV / VCR WIRING, P. 9

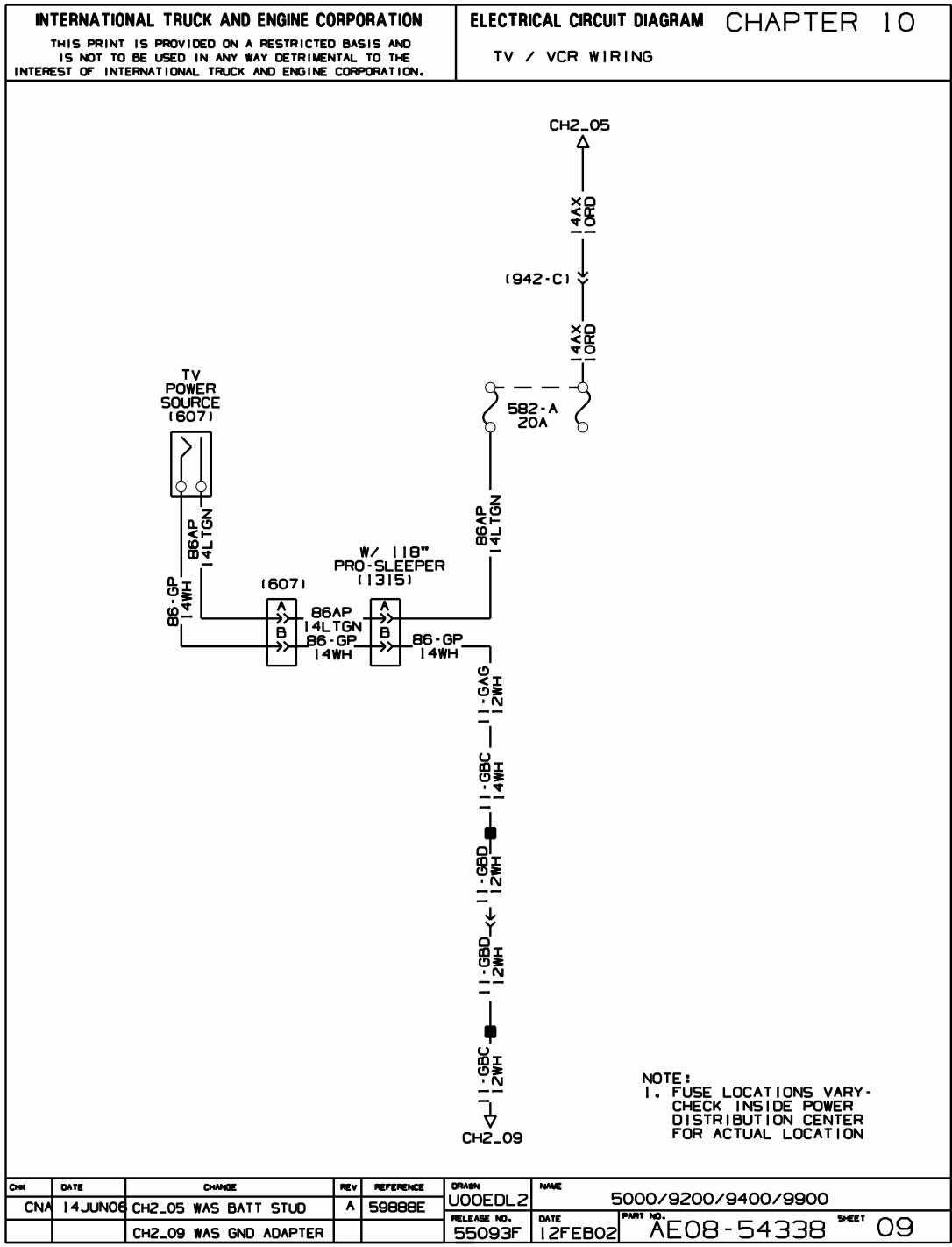


Figure 210 TV / VCR Wiring

10.11. OPTIONAL SLEEPER MOUNTED RADIO CONTROLS, P. 11

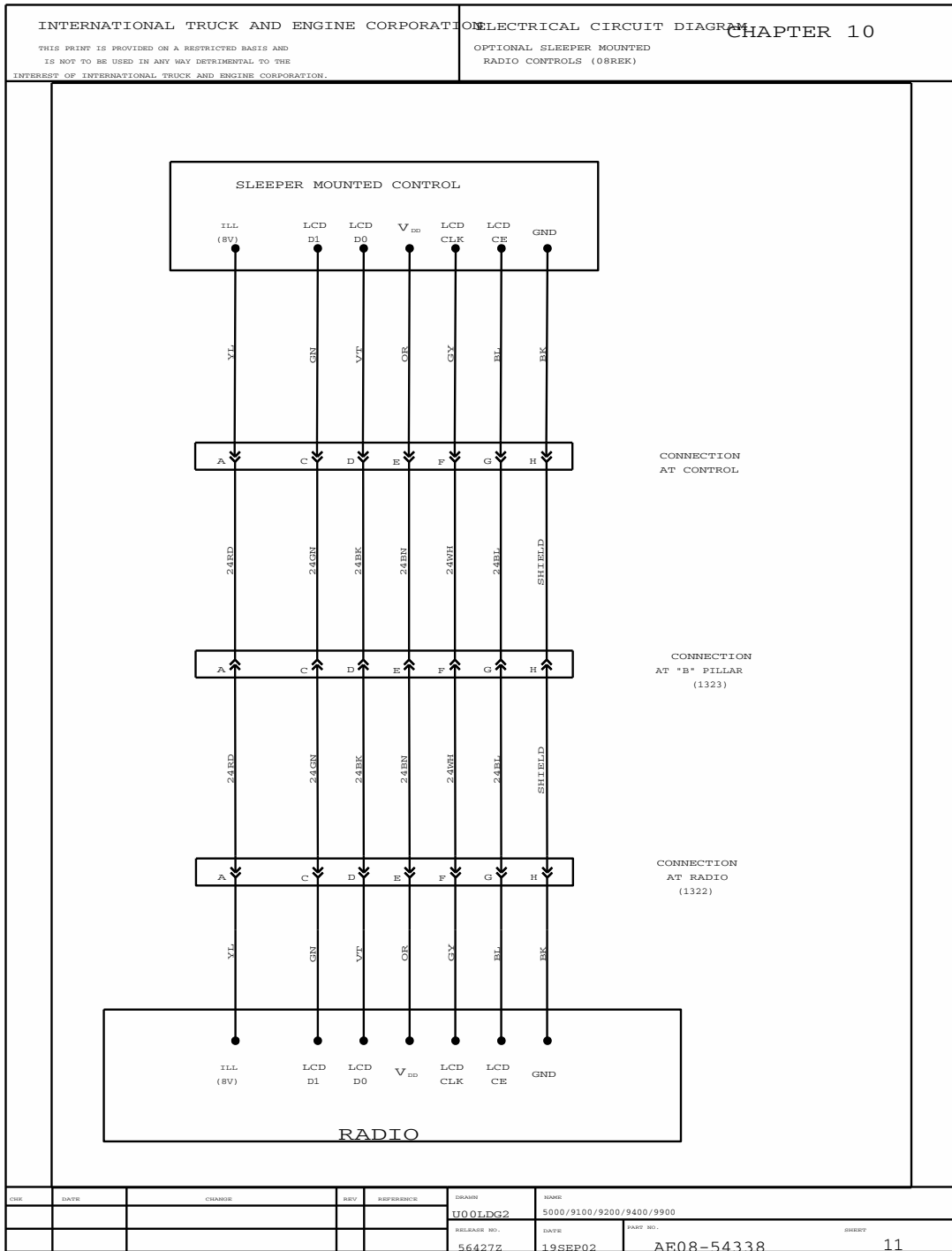


Figure 212 Optional Sleeper Mounted Radio Controls

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

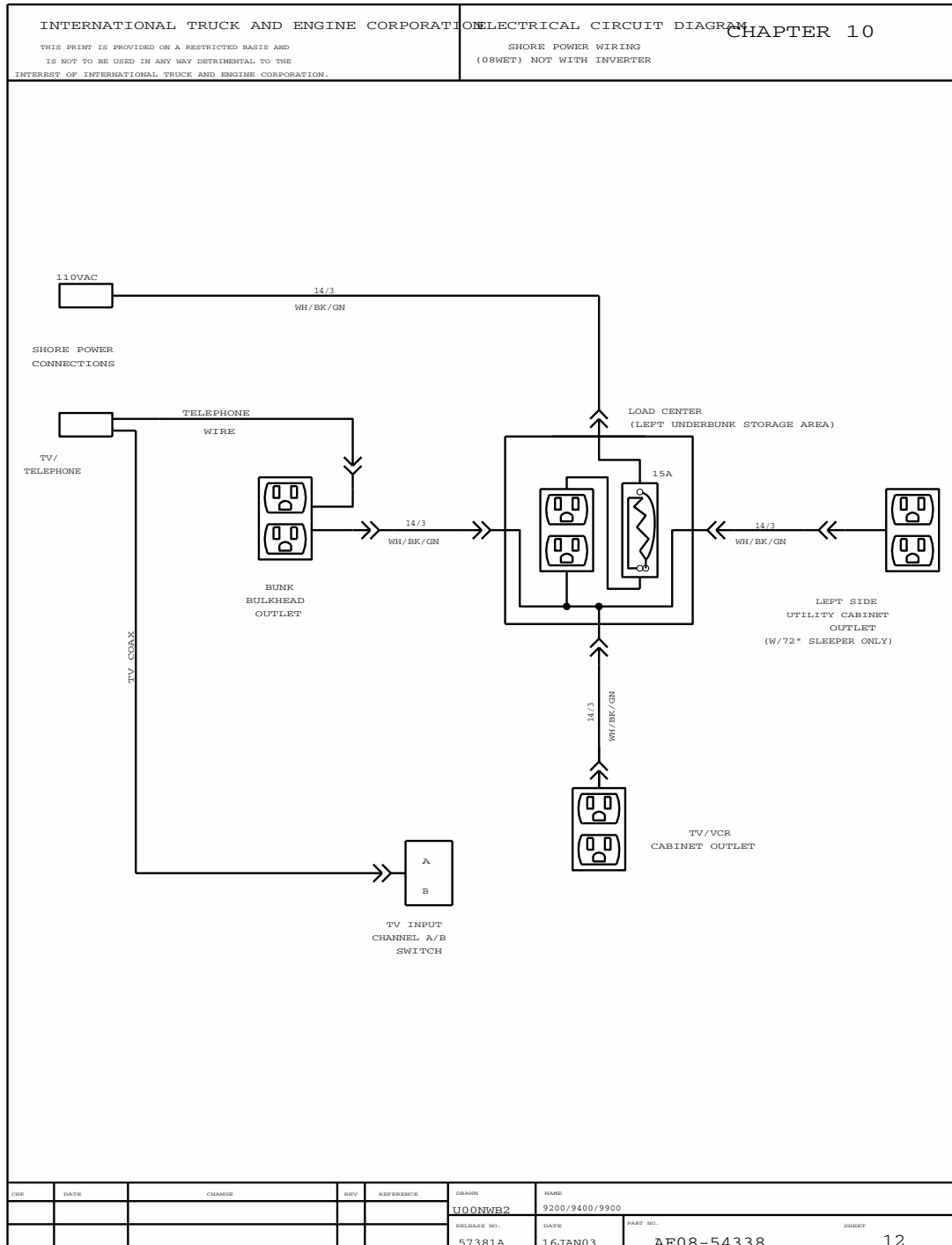


Figure 213 Shore Power Wiring (08WET) Not With Inverter

10.13. SHORE POWER WIRING (08WET) WITH INVERTER (08WES), P. 13

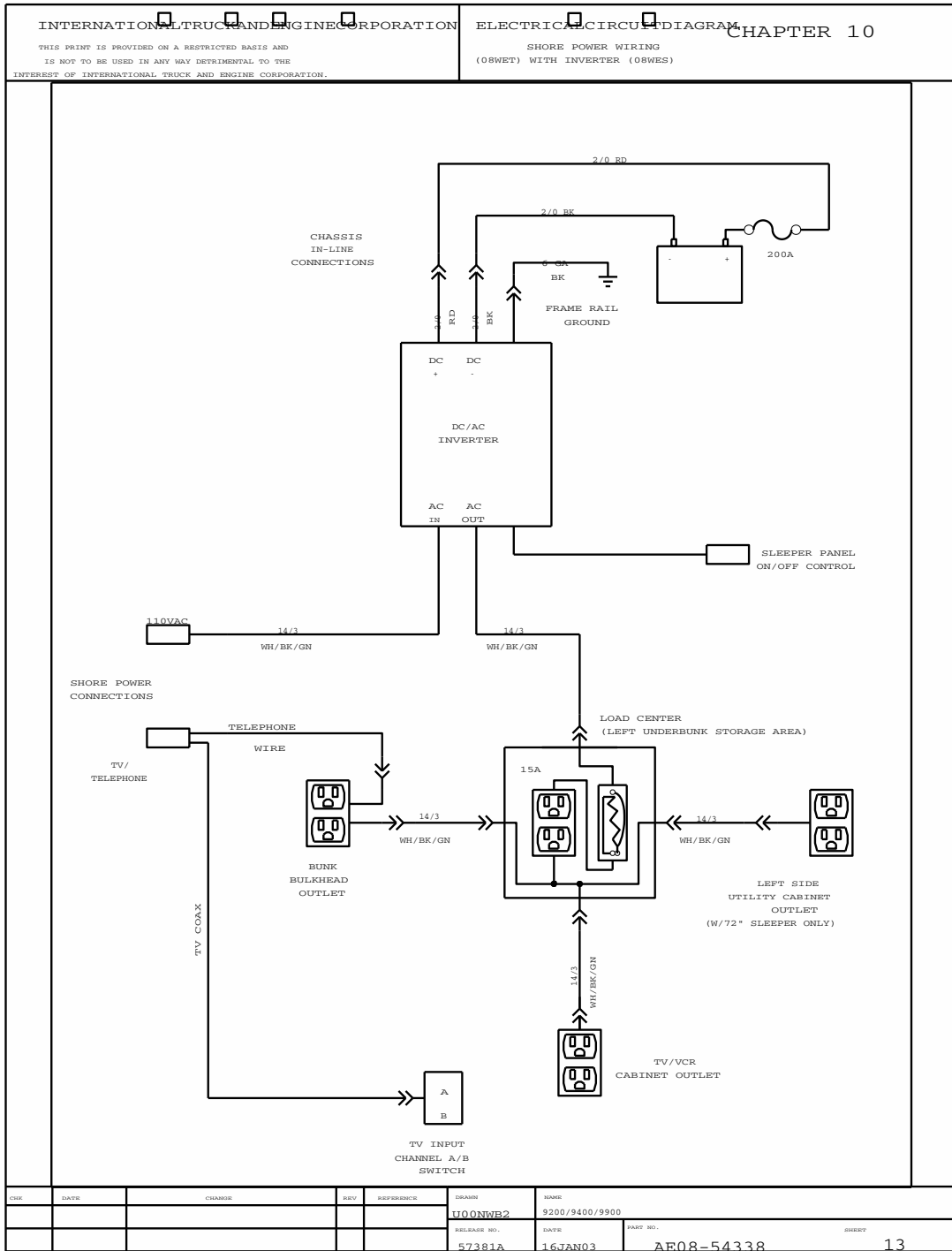


Figure 214 Shore Power Wiring (08WET) With Inverter (08WES)

LIGHT SYSTEMS (CHAPTER 11)

11.1. BACK-UP LIGHTS, P. 1

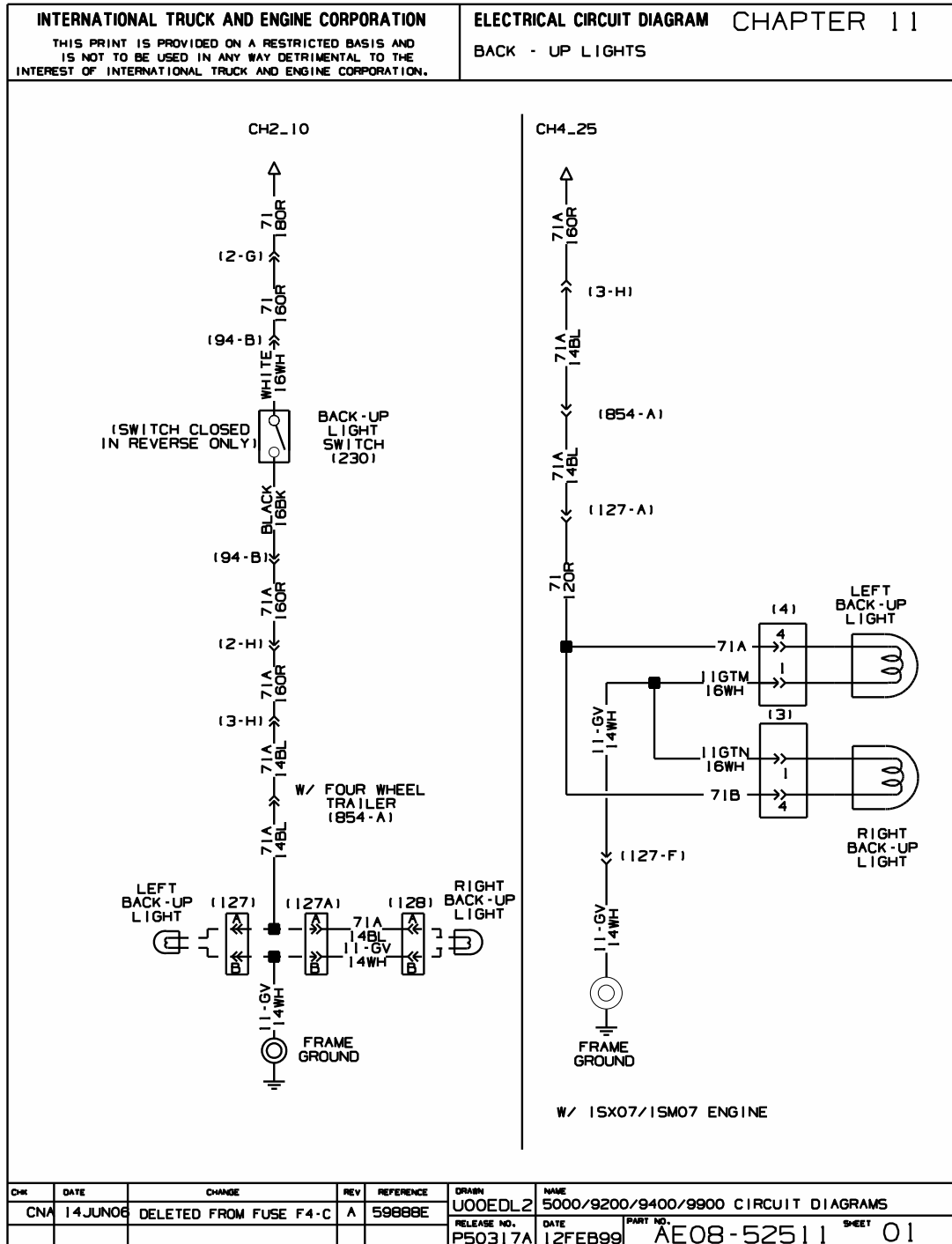


Figure 215 Back-Up Lights

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

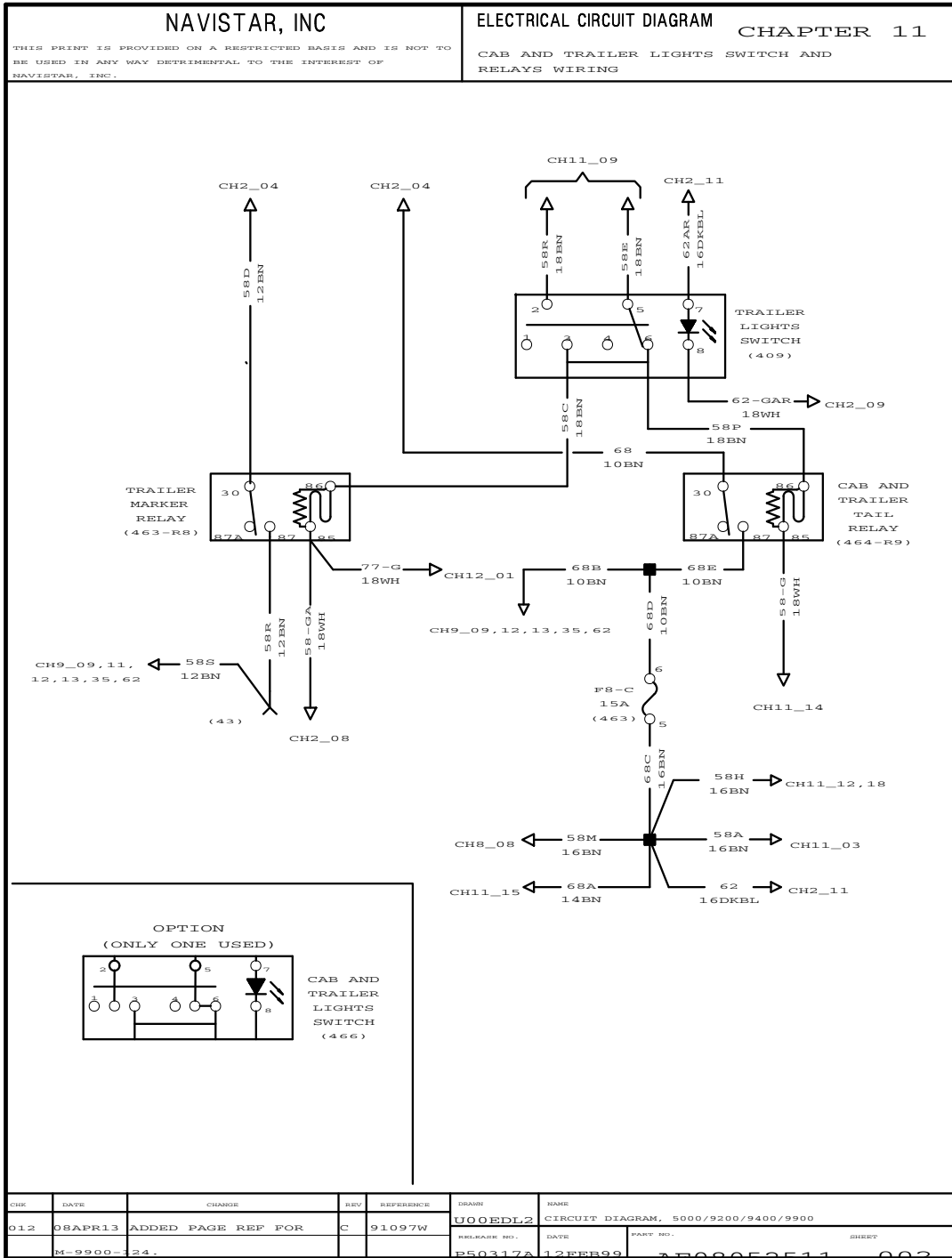


Figure 216 Cab and Trailer Lights Switch and Relays Wiring

11.3. CAB CLEARANCE AND IDENTIFICATION LIGHTS, P. 3

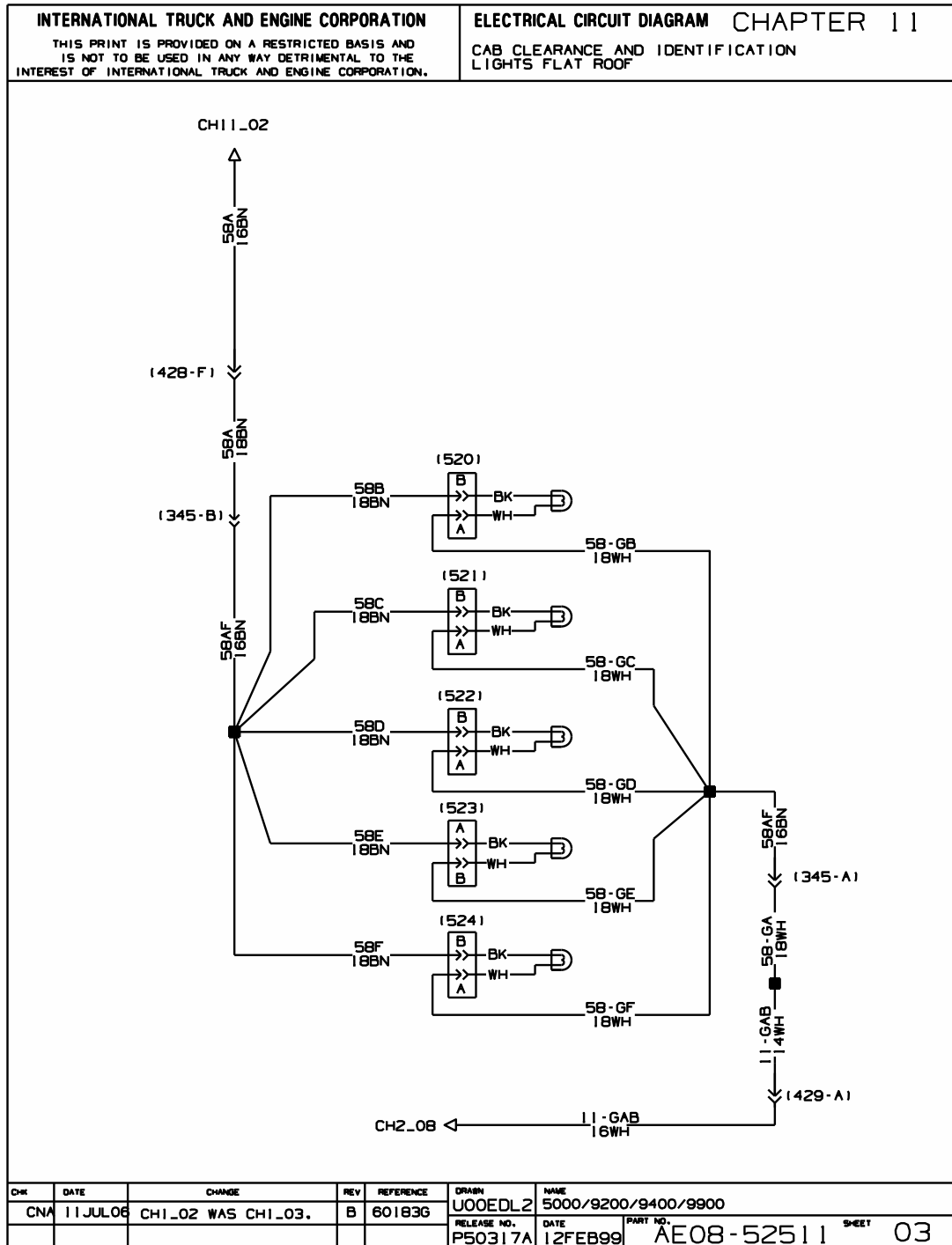


Figure 217 Cab Clearance and Identification Lights

11.4. WORK LIGHT WITHOUTSLEEPER, P. 4

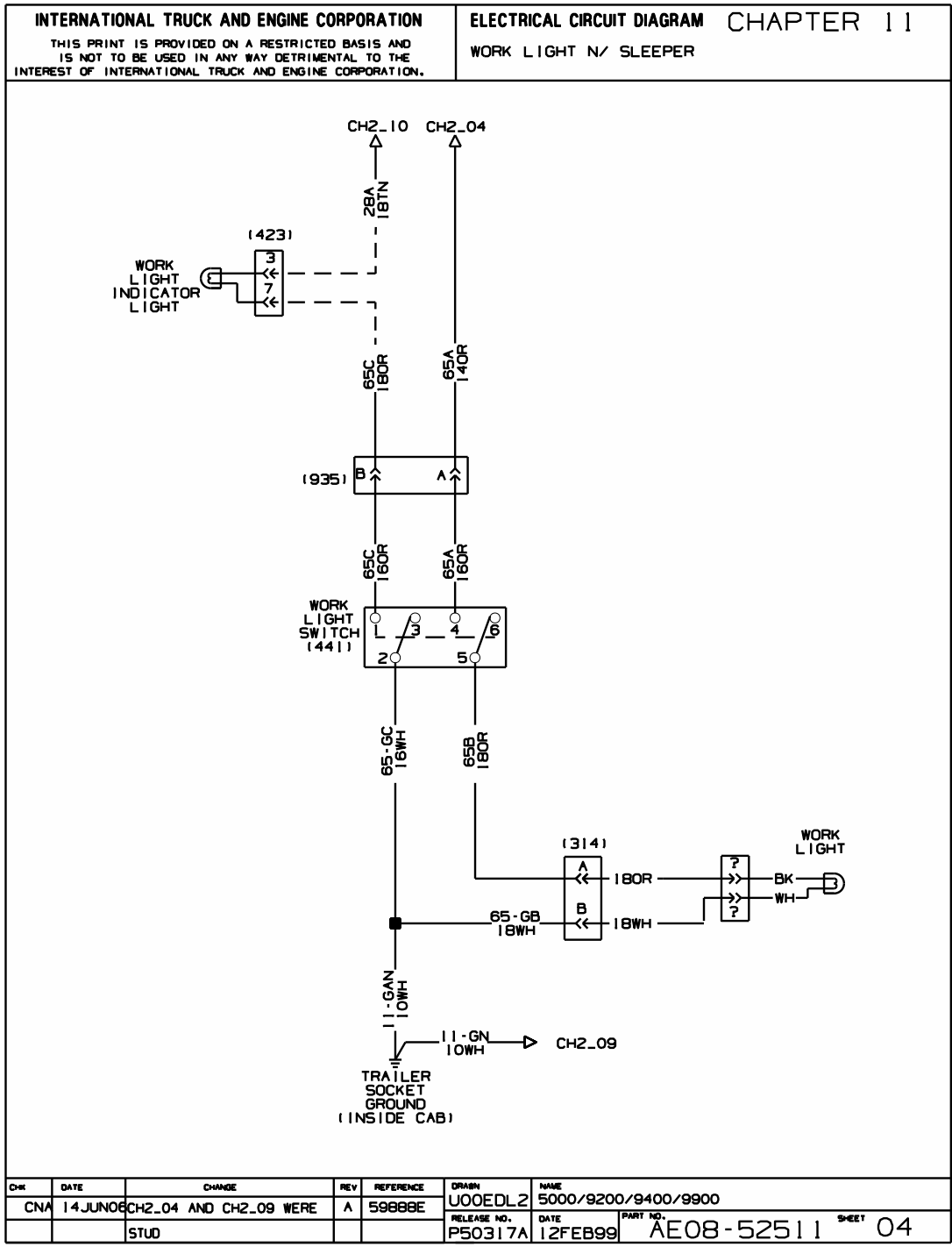


Figure 218 Work Light without Sleeper

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

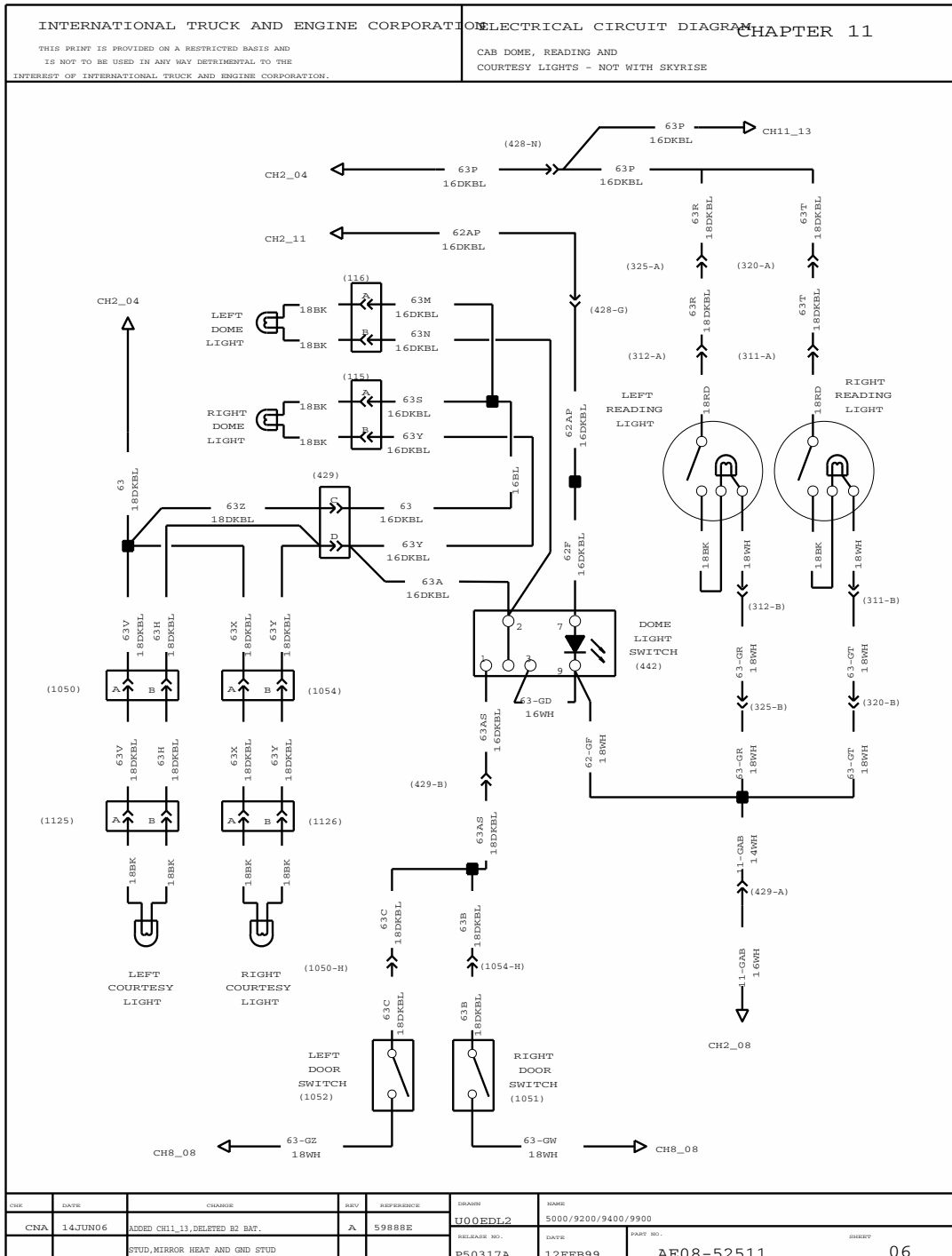


Figure 220 Cab Dome, Reading and Courtesy Lights with Skyrise

11.8. FOG LIGHTS – CAB / FRONT END EFFECTS, P. 8

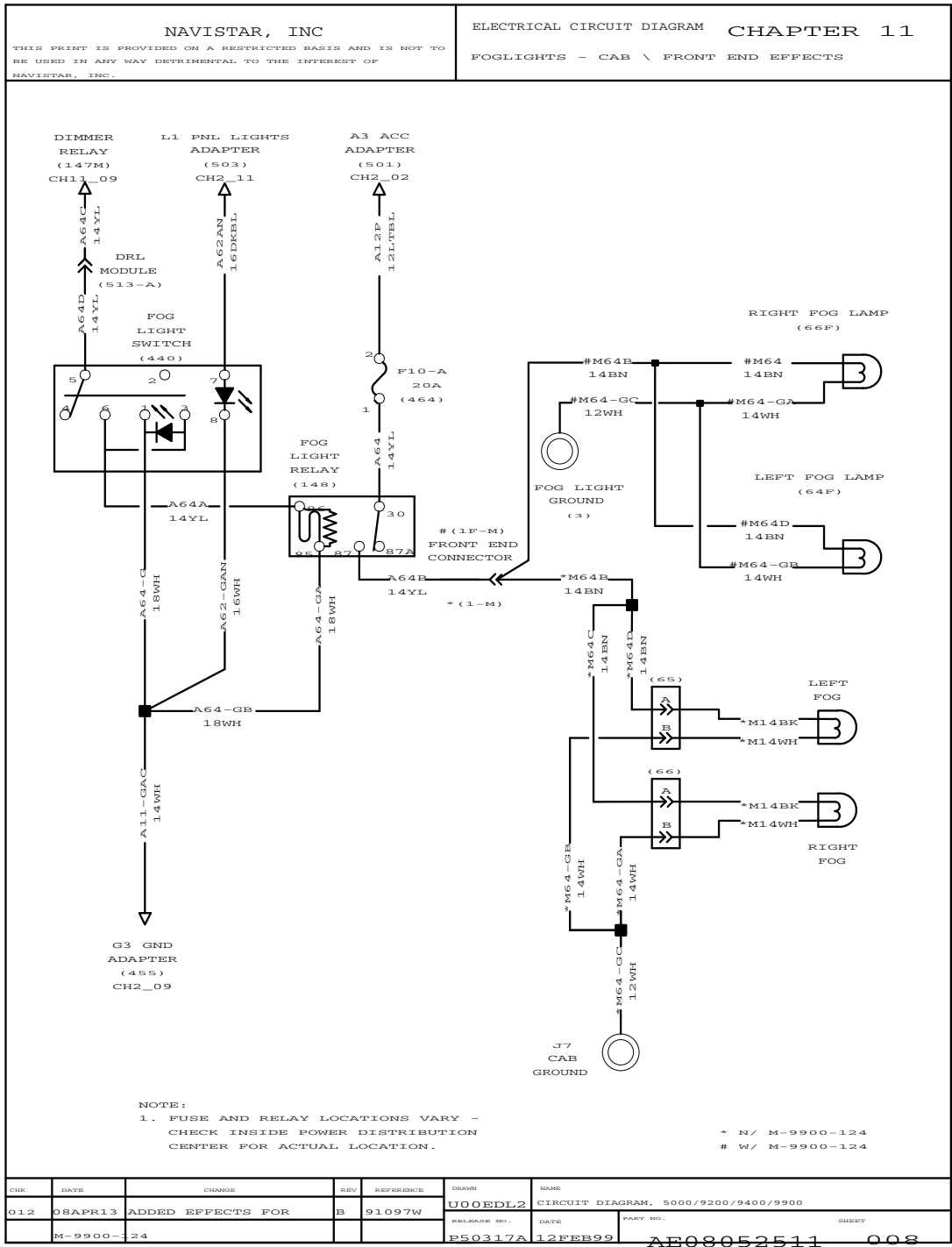


Figure 222 Fog Lights – Cab / Front End Effects

11.9. HEADLIGHT SWITCH AND DIMMER SWITCH WIRING, P. 9

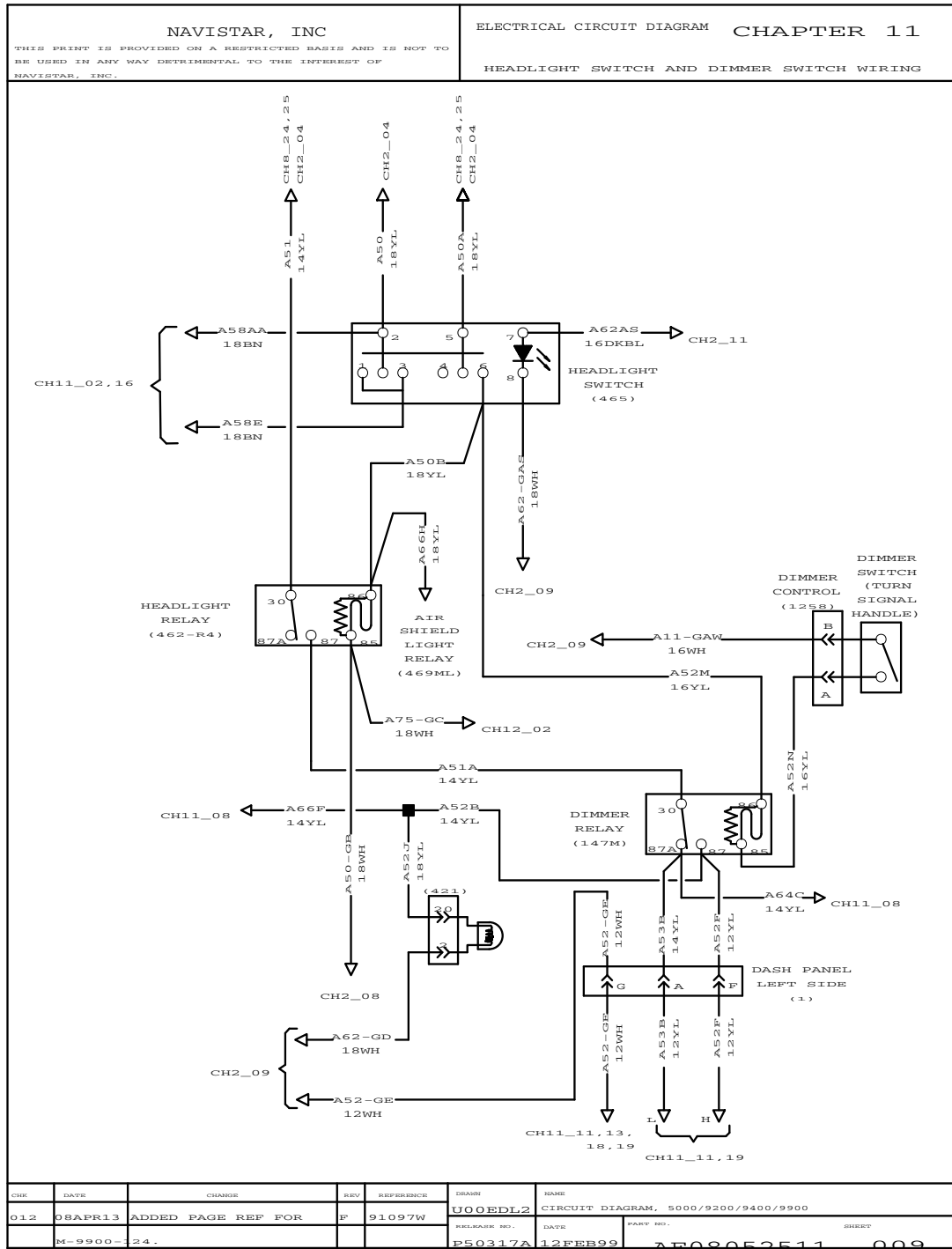


Figure 223 Headlight Switch and Dimmer Switch Wiring

11.10. HEADLIGHTS, P. 10

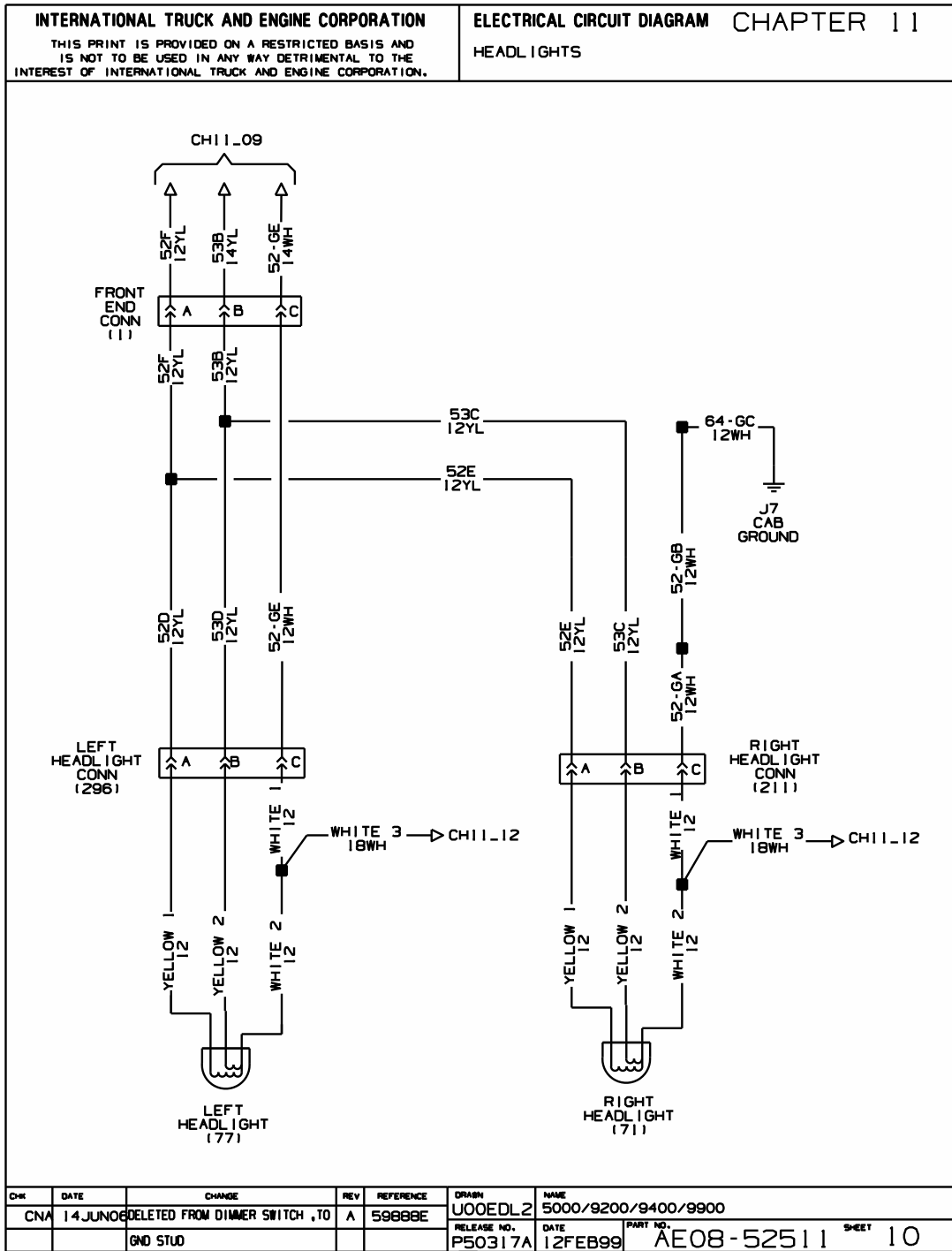


Figure 224 Headlights

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

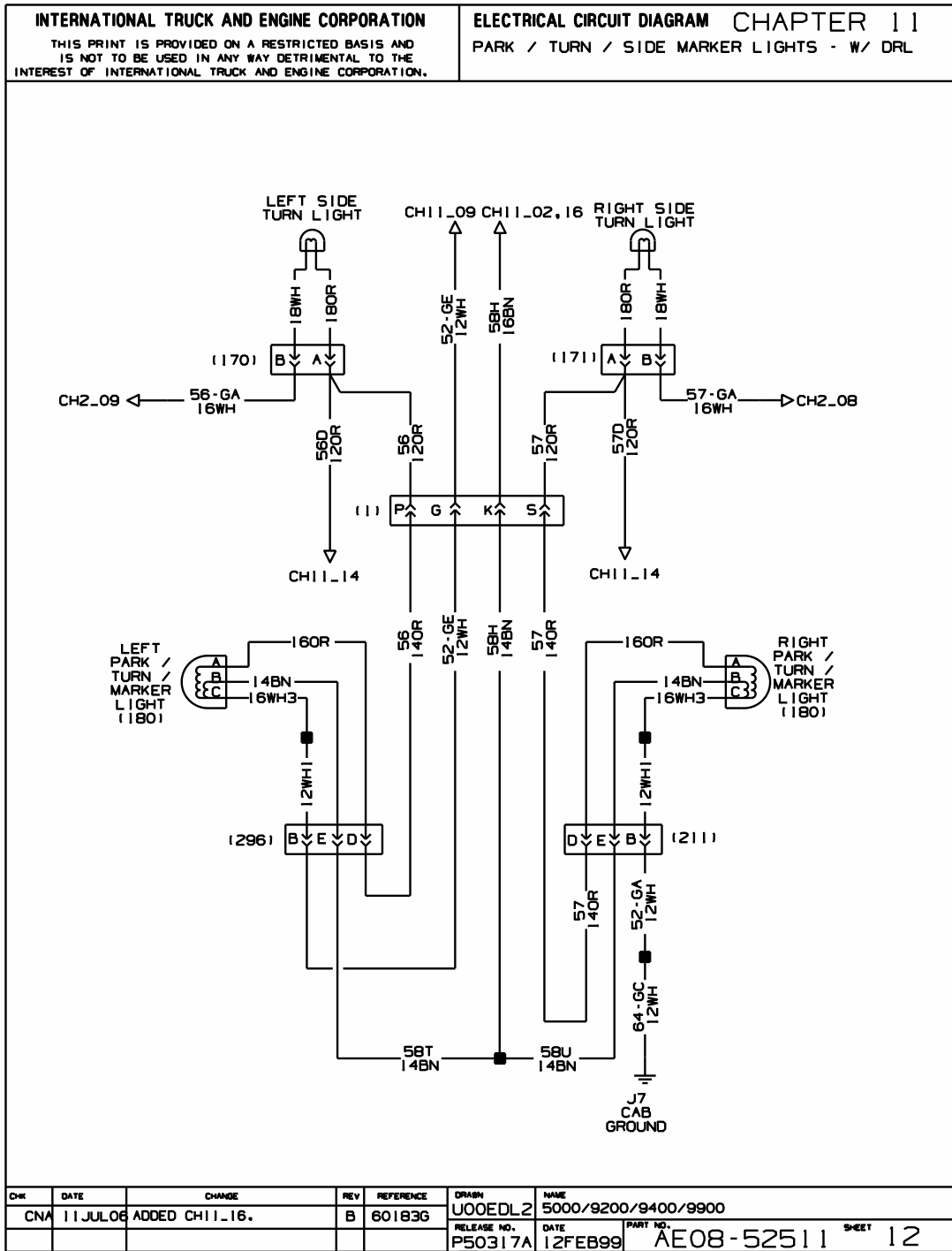


Figure 226 Park/Turn/Side Marker Lights – with DRL

11.13. SPOTLIGHT, P. 13

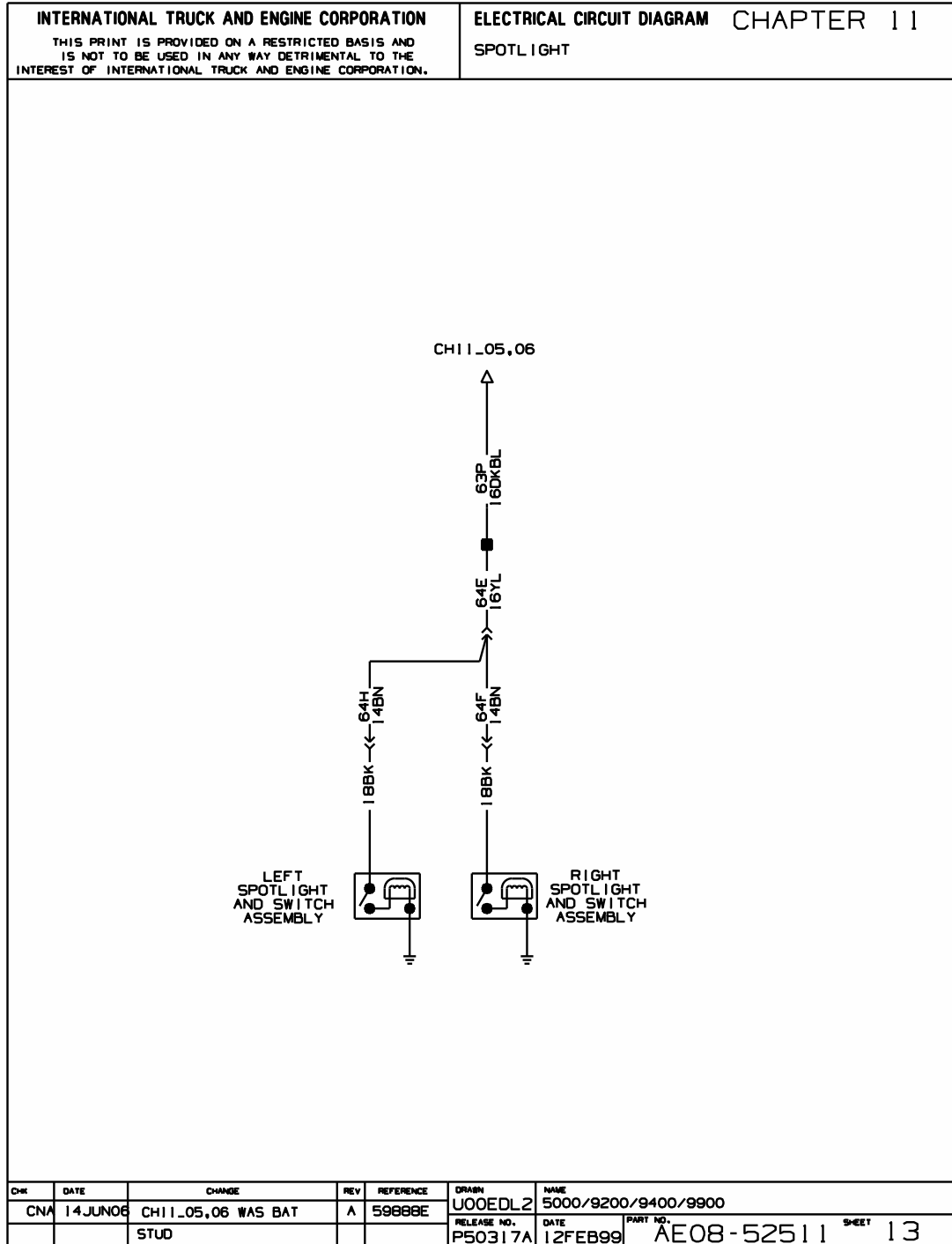


Figure 227 Spotlight

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

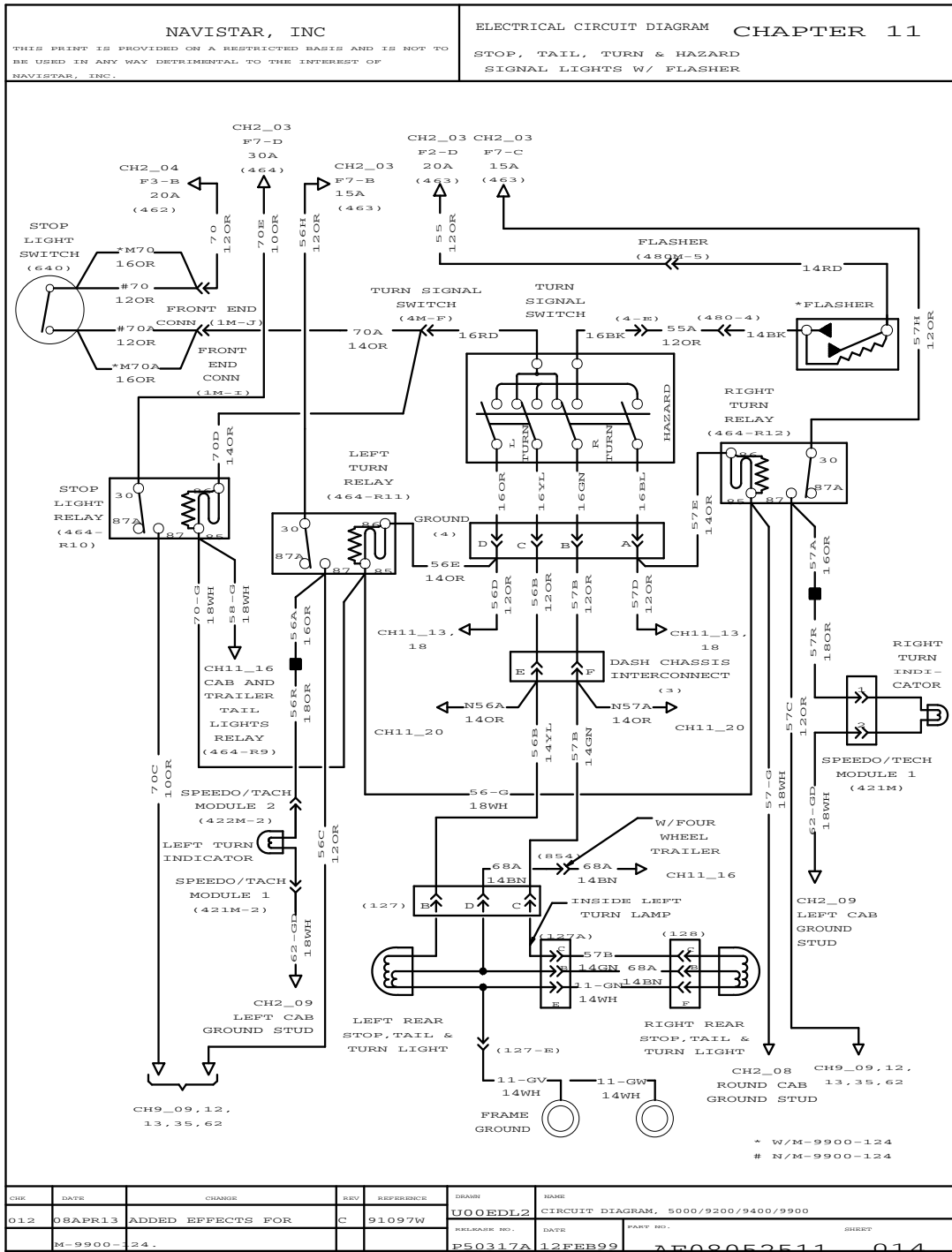


Figure 228 Stop, Tail, Turn and Hazard Signal Lights With Flasher

11.17. CAB CLEARANCE AND IDENTIFICATION LIGHTS WITH BISTABLE MARKER ON / OFF SWITCH, P. 17

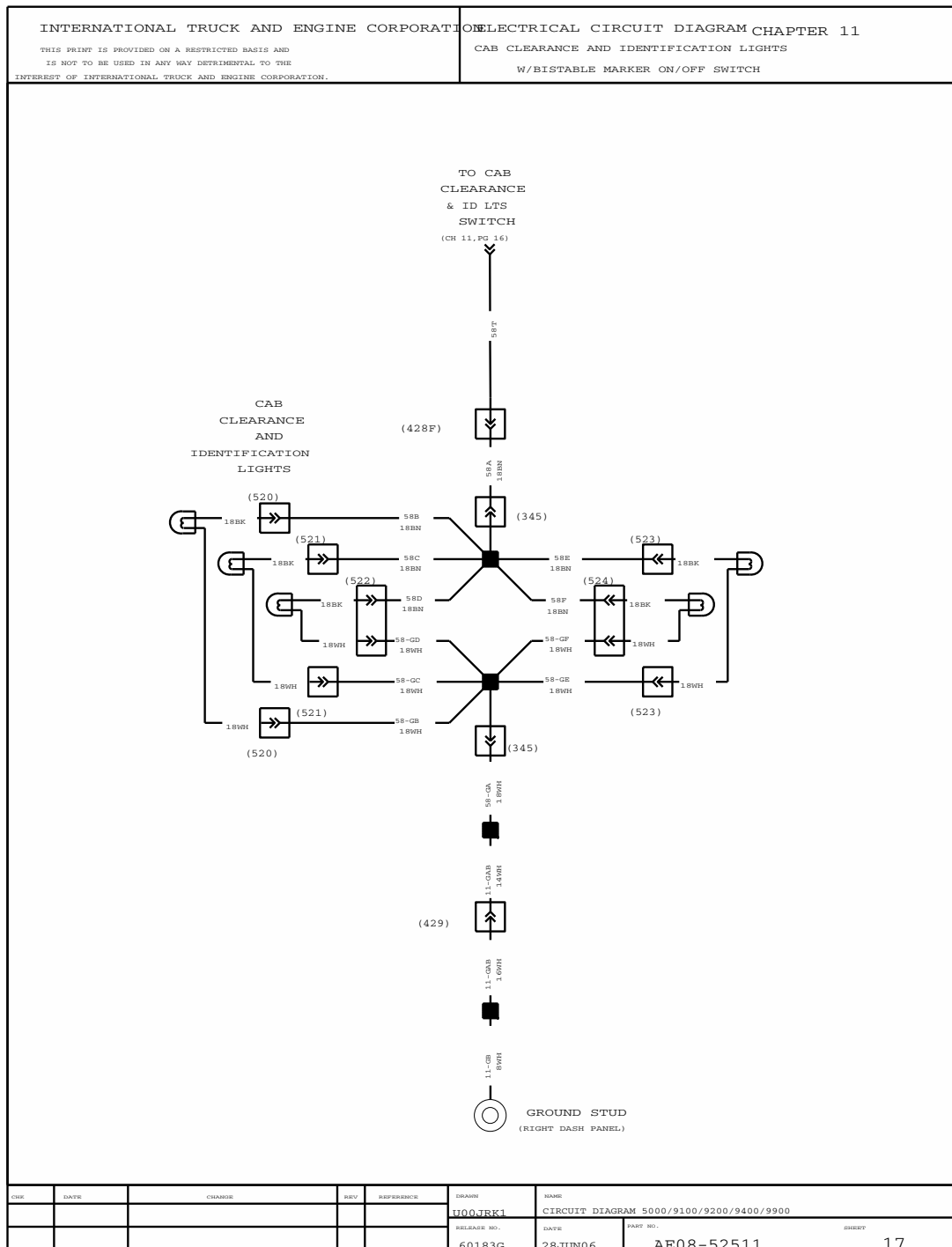


Figure 231 Cab Clearance and Identification Lights with Bistable Marker On / Off Switch

11.19. HEADLIGHT, P. 19

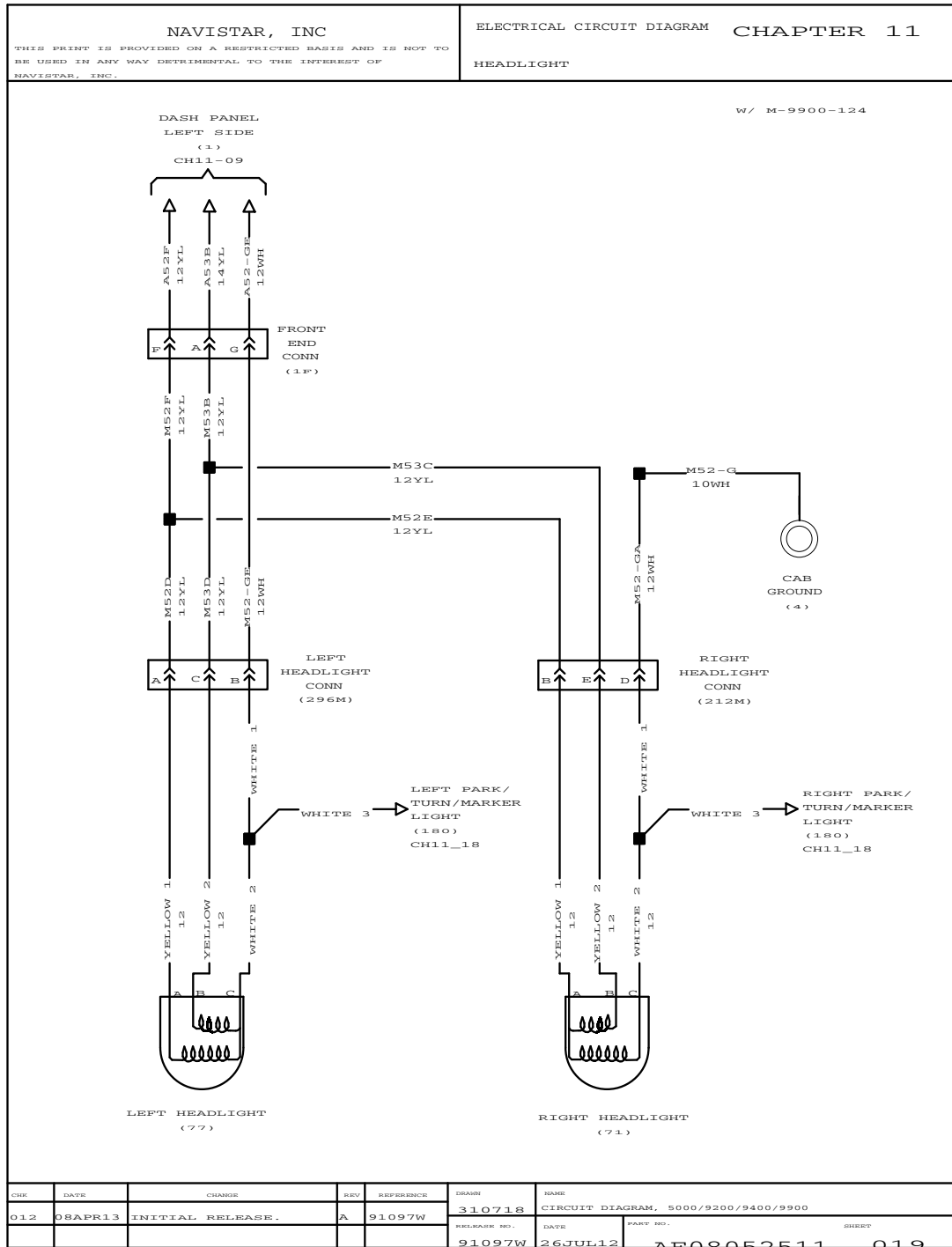


Figure 233 Headlight

11.20. LIGHTS STOP, TAIL, TURN AND BACK UP, P. 20

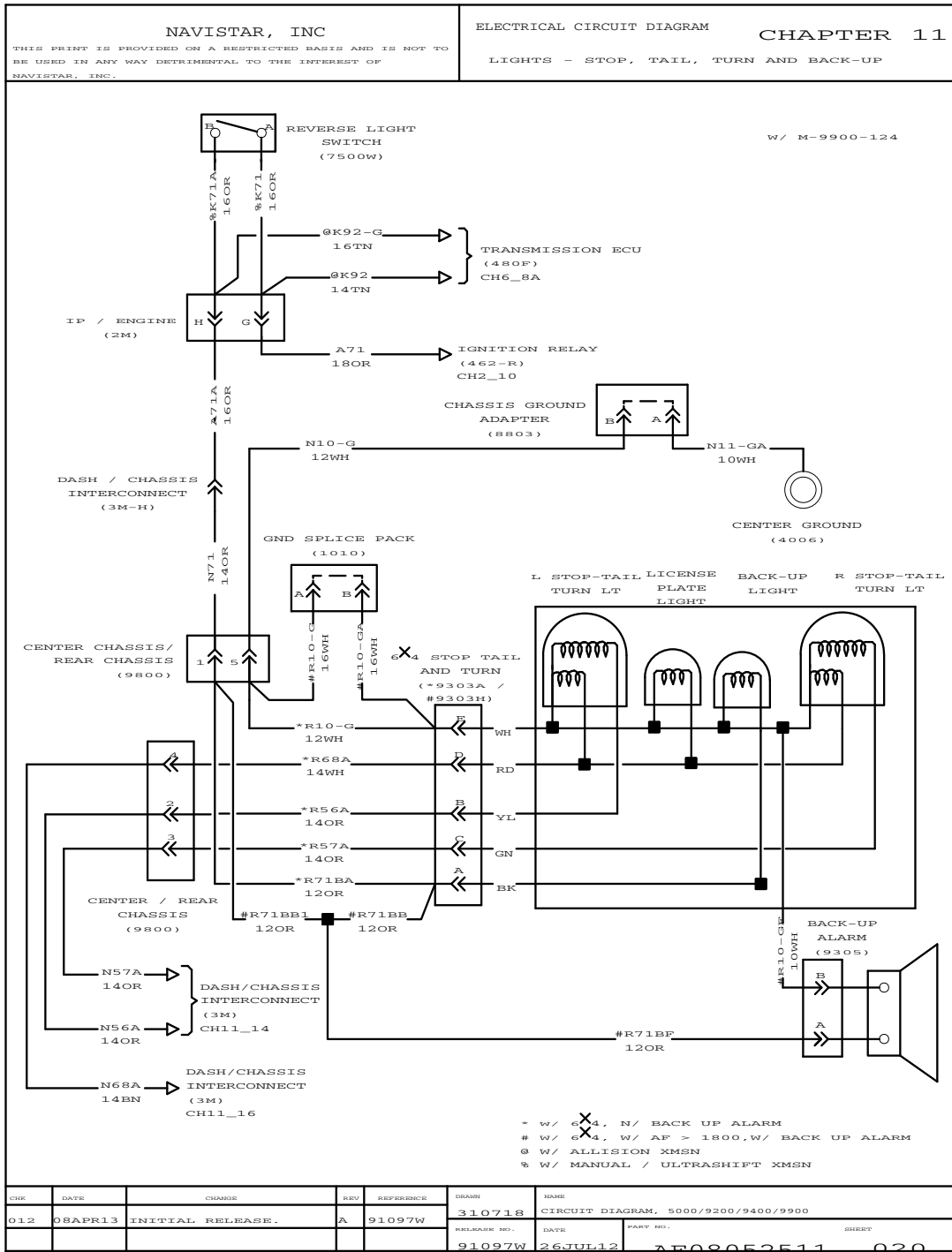


Figure 234 Lights Stop, Tail, Turn and Back Up

HEATER AND AIR CONDITIONER (CHAPTER 12)

12.1. AIR CONDITIONER – CAB, P. 1

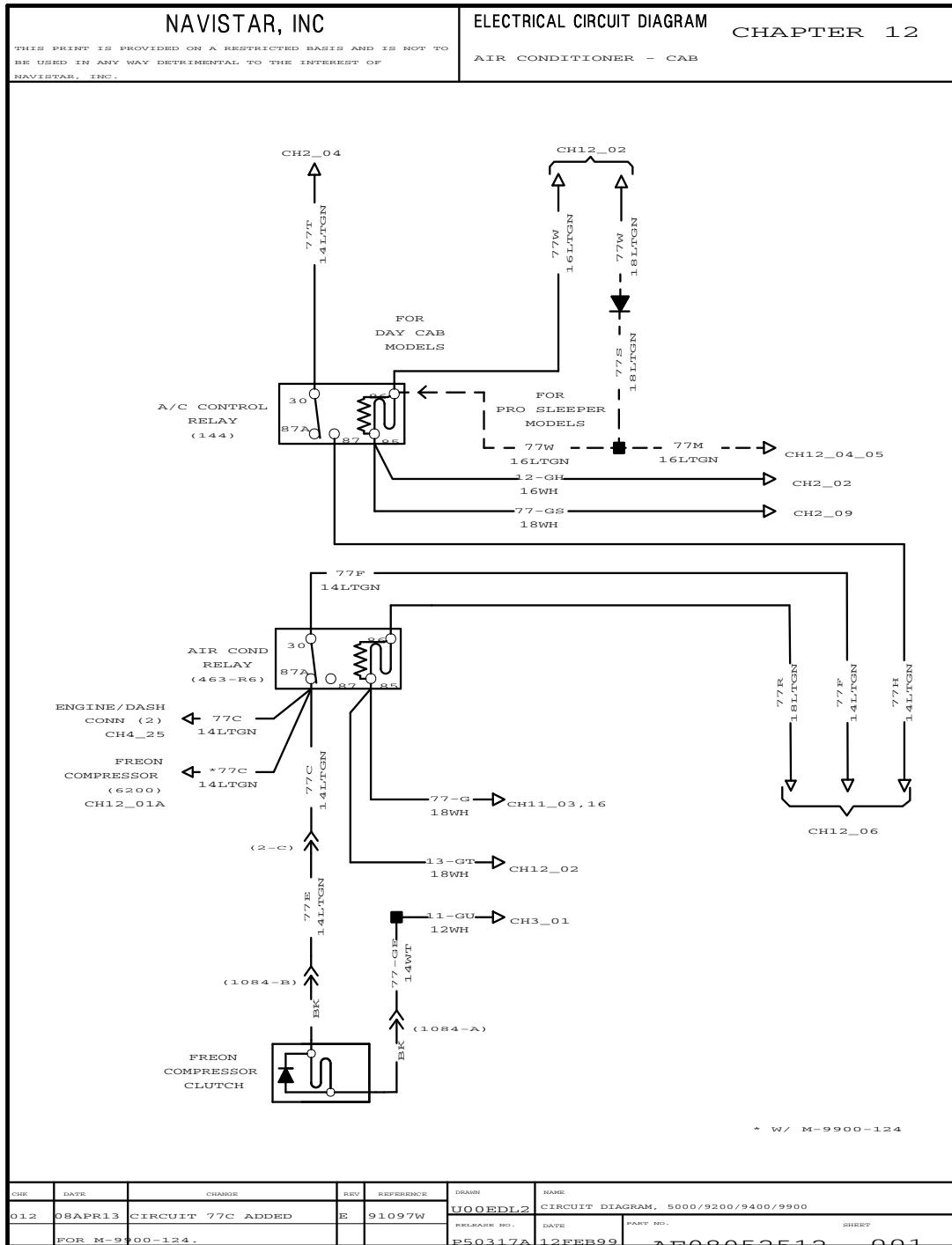


Figure 235 Air Conditioner – Cab

12.2. AIR CONDITIONER – CAB (CONT.), P. 1A

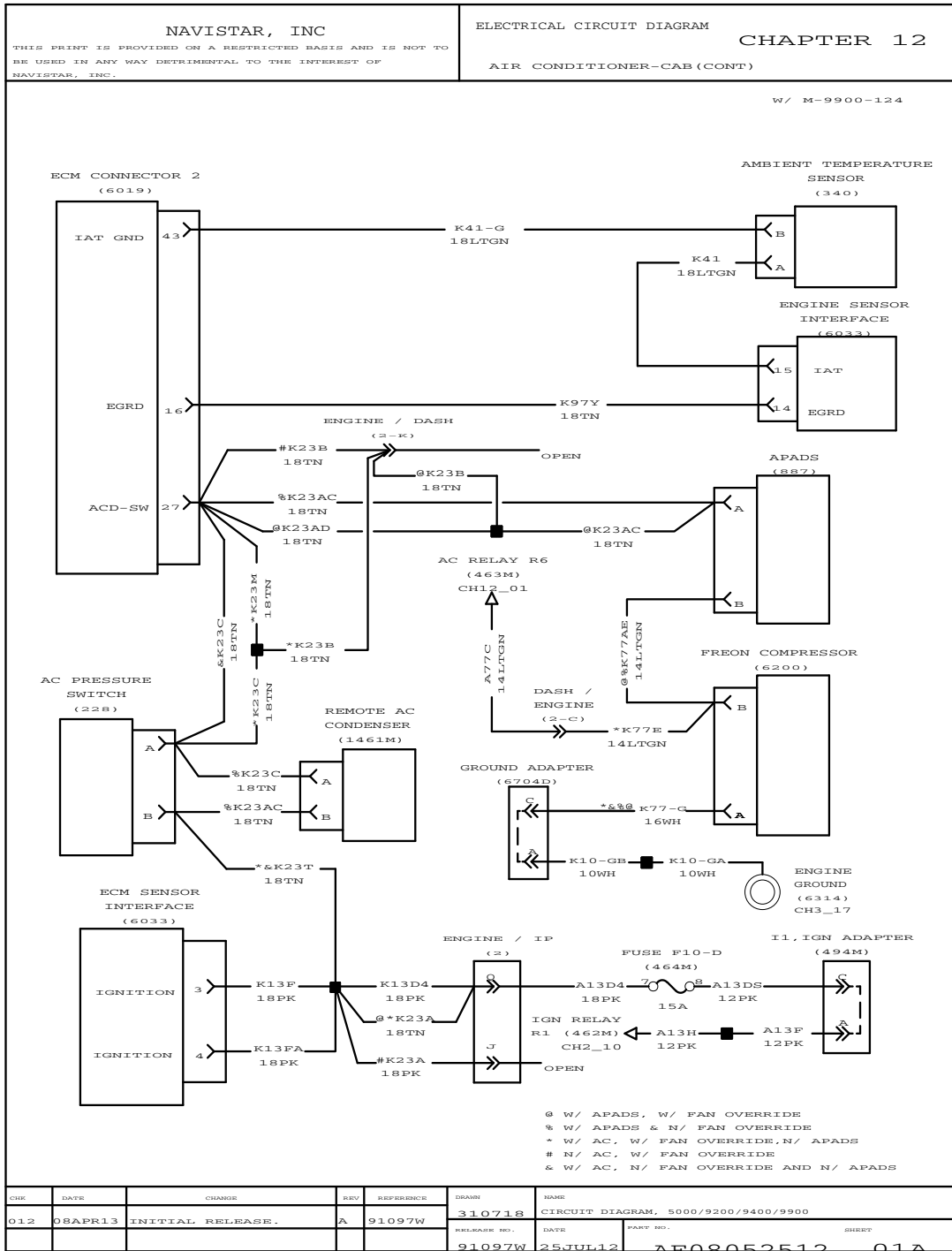


Figure 236 Air Conditioner – Cab (Cont.)

12.3. HEATER – CAB, P. 2

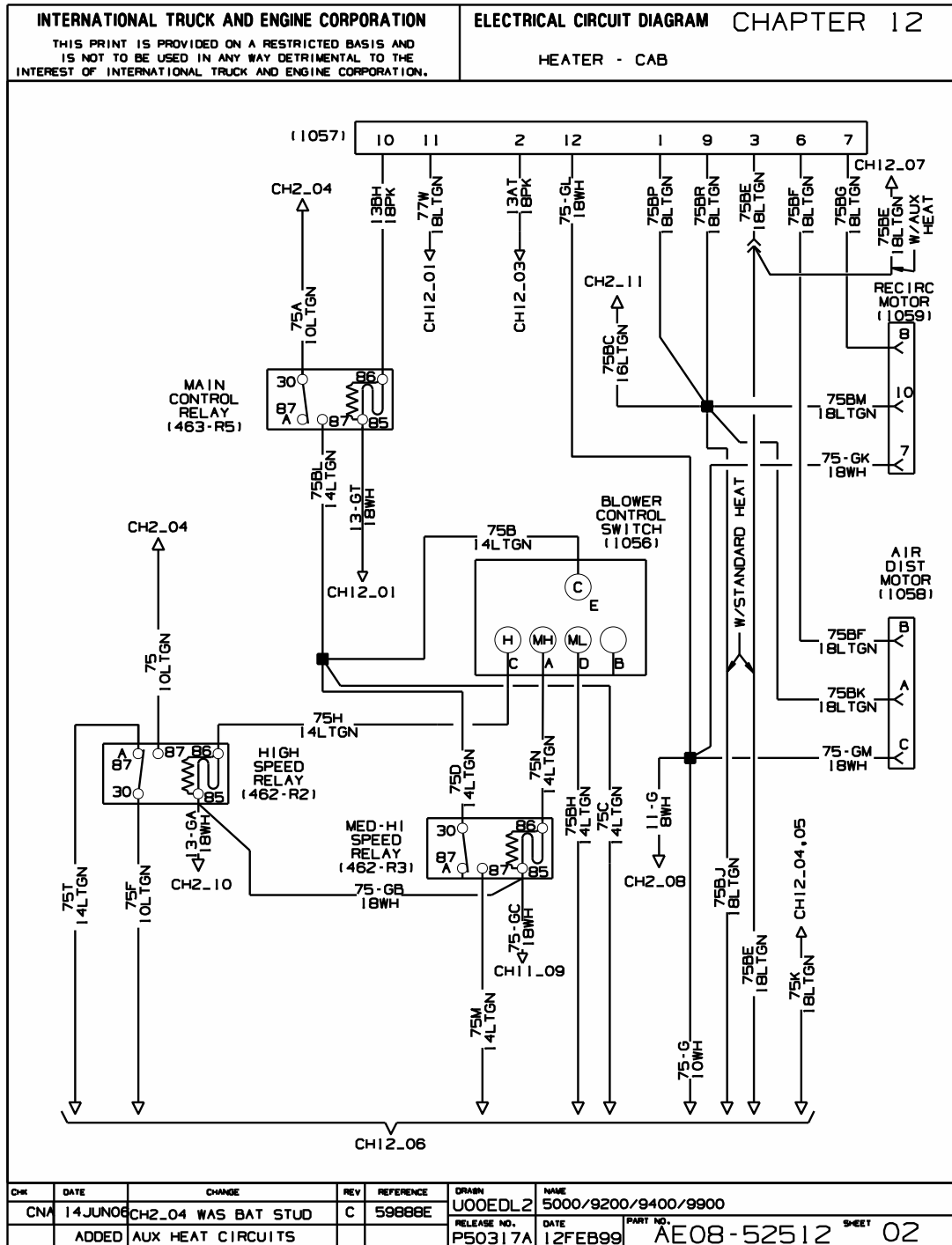


Figure 237 Heater – Cab

12.4. HEATER – BUNK AUXILIARY BLOWER, P. 3

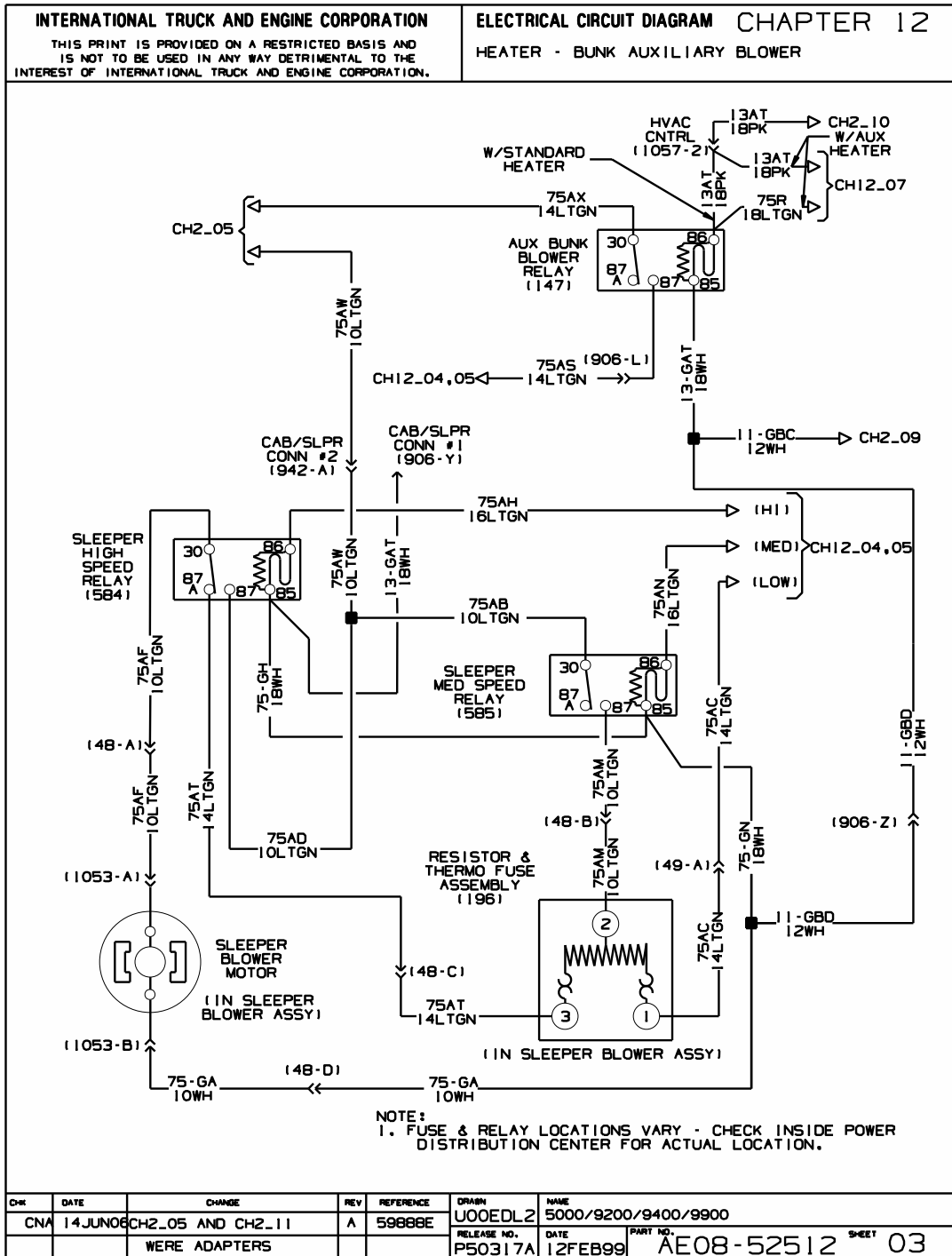


Figure 238 Heater – Bunk Auxiliary Blower

12.5. HEATER – BUNK WITH STANDARD TEMPERATURE CONTROL, P. 4

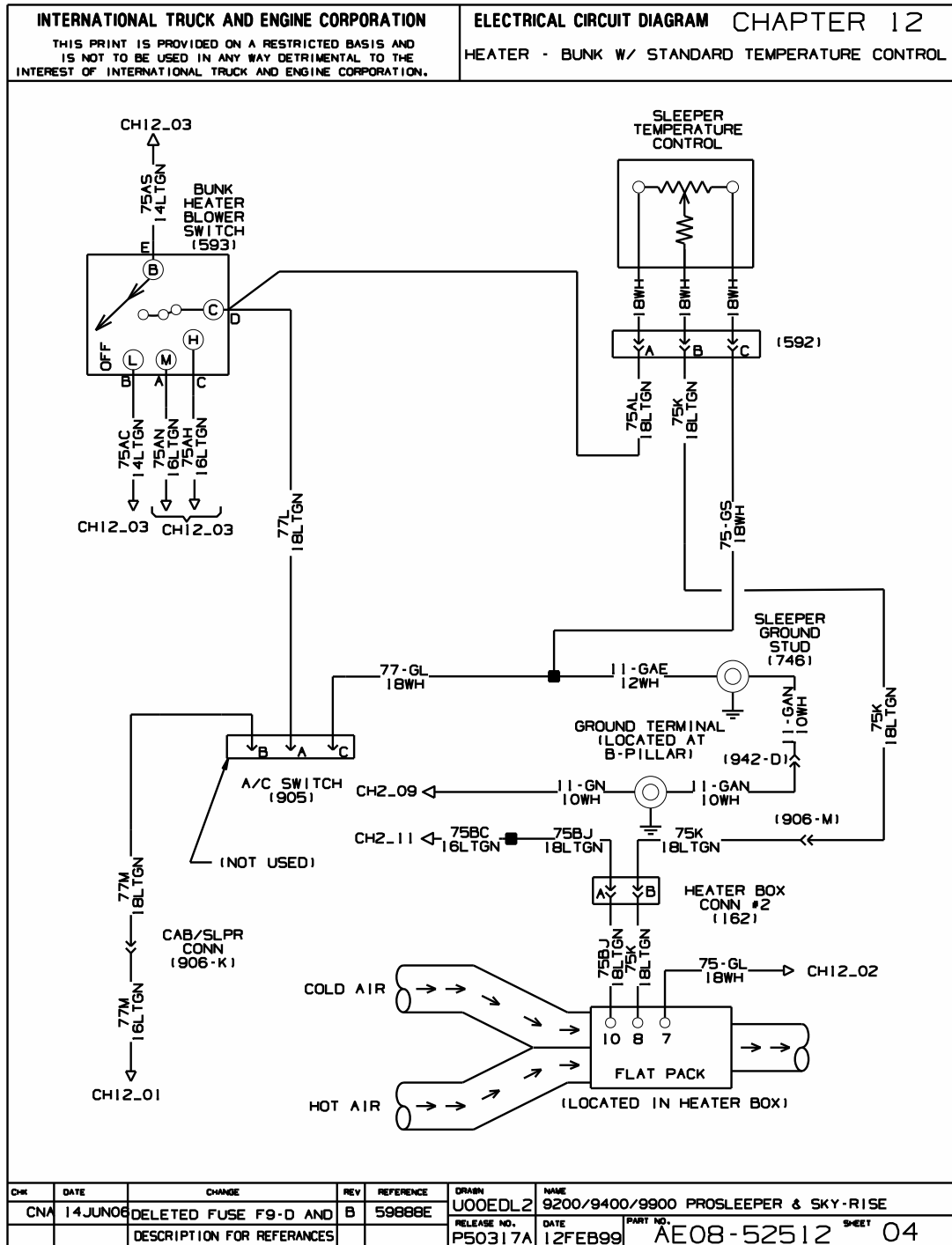


Figure 239 Heater – Bunk with Standard Temperature Control

12.6. HEATER – BUNK WITH THERMOSTAT TEMPERATURE CONTROL, P. 5

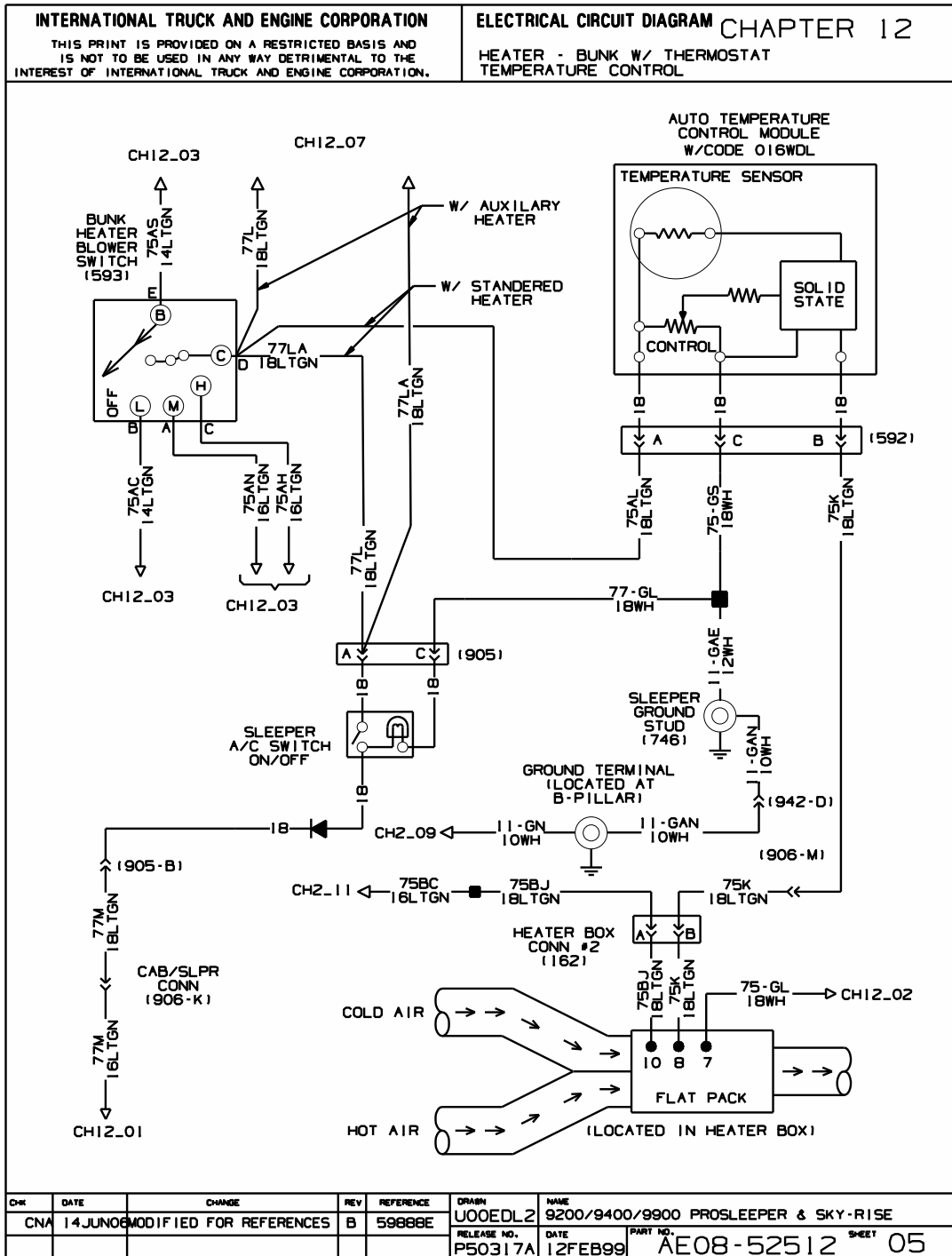


Figure 240 Heater – Bunk with Thermostat Temperature Control

12.8. AUX HEATER, P. 7

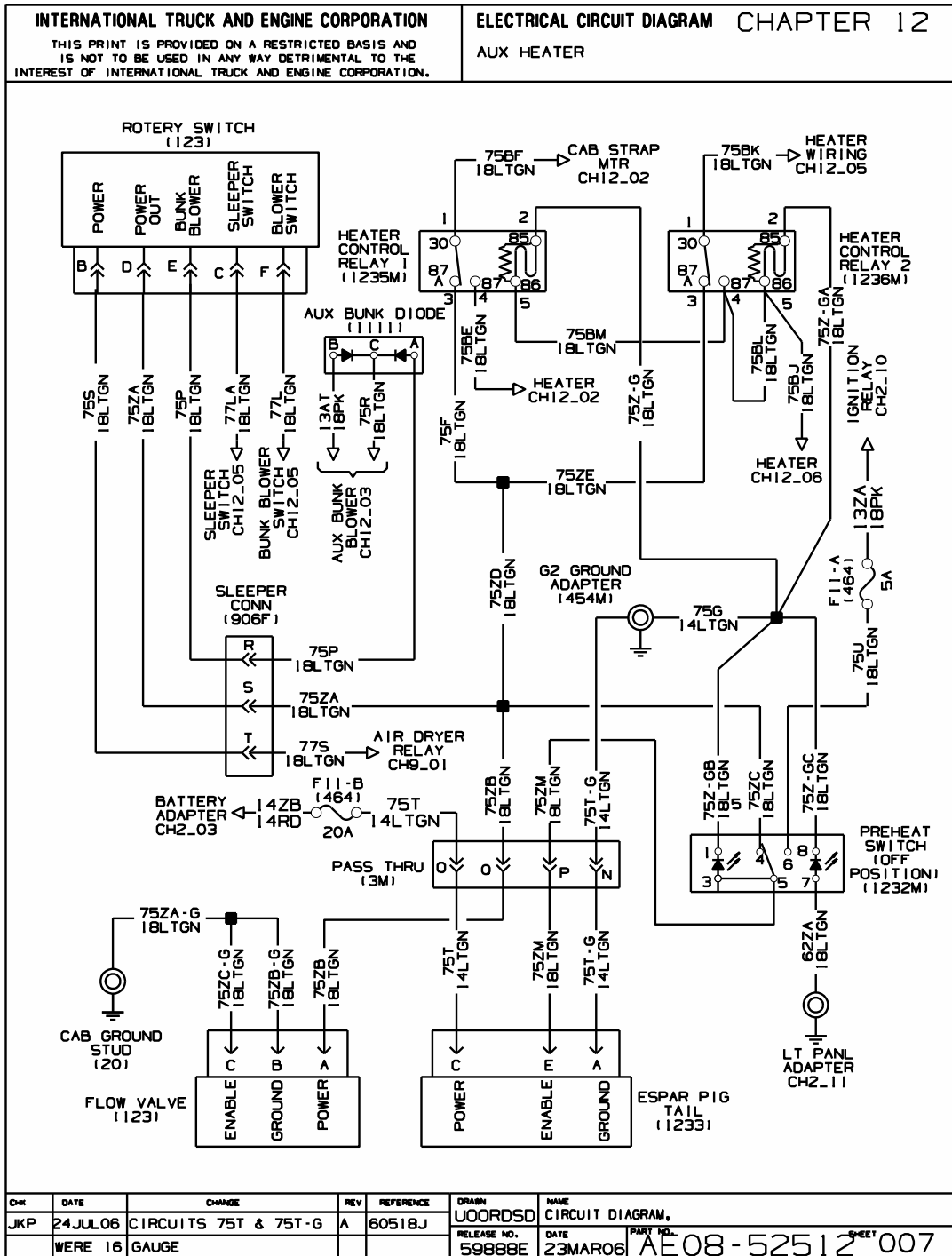


Figure 242 Aux Heater

12.9. APU SYSTEM: DISTRIBUTION BOX, P. 8

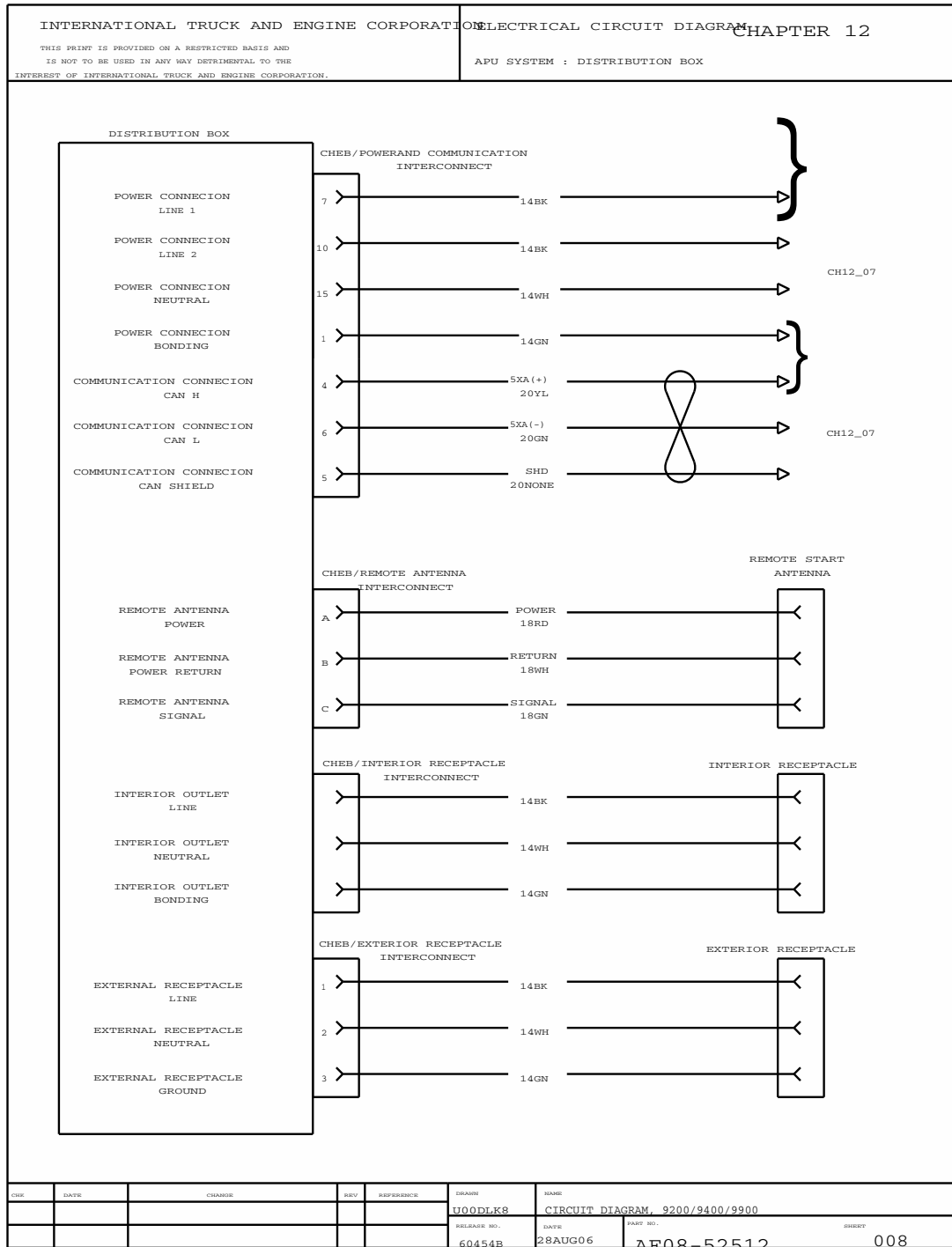


Figure 243 APU System: Distribution Box

12.10. APU SYSTEM: DISTRIBUTION BOX, P. 9

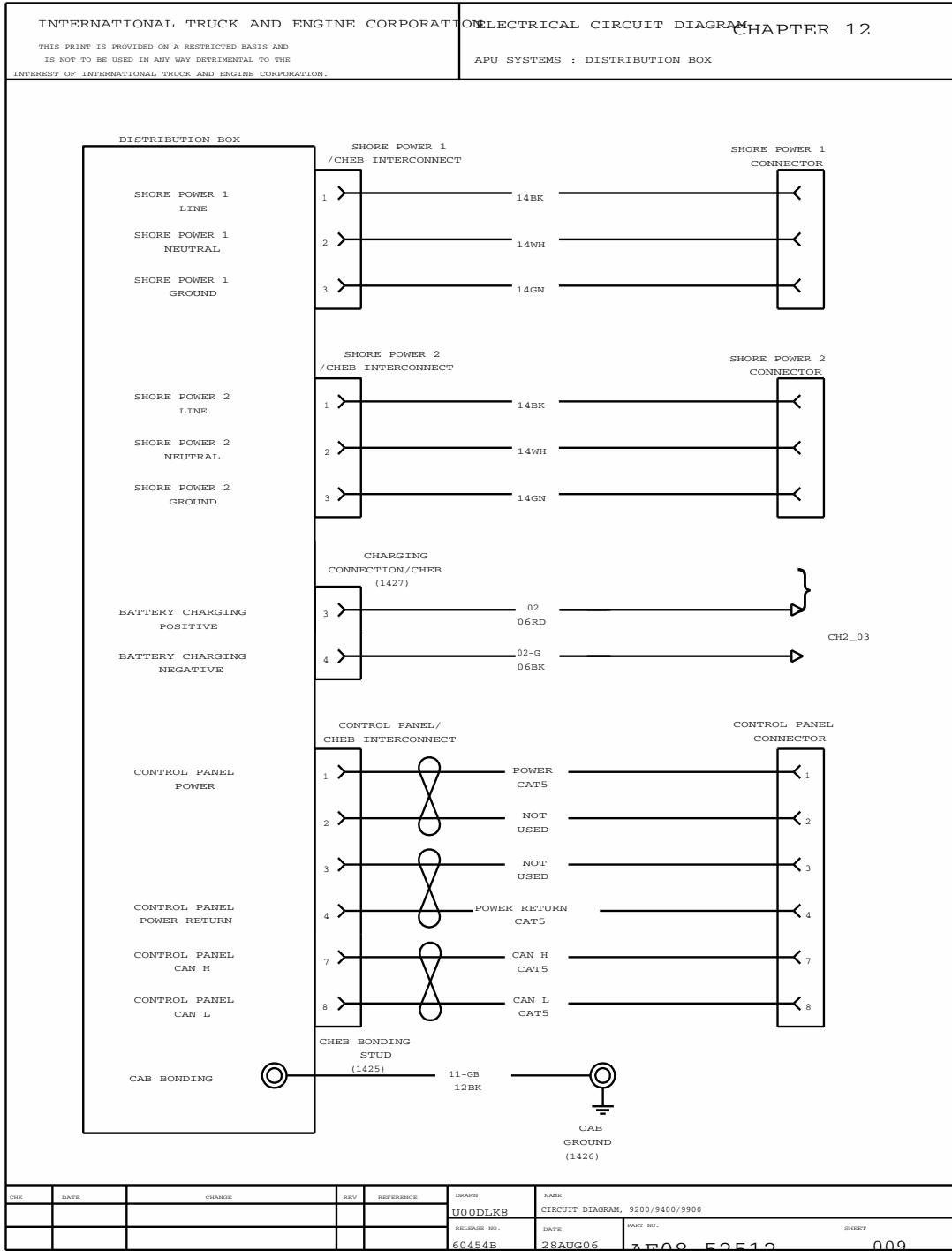


Figure 244 APU System: Distribution Box

12.11. APU SYSTEM, P. 10

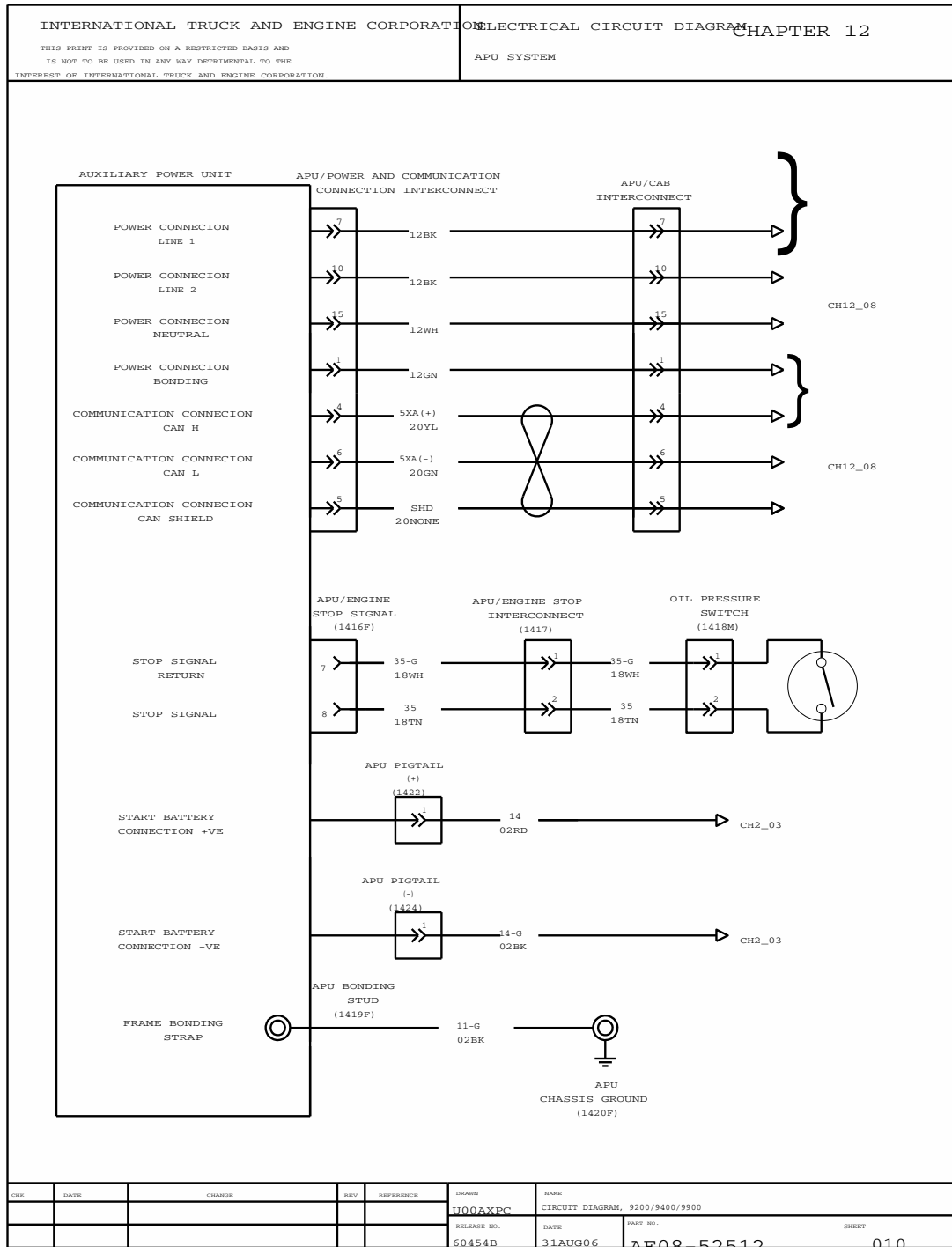


Figure 245 APU System

CONNECTOR COMPOSITES (CHAPTER 13)

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

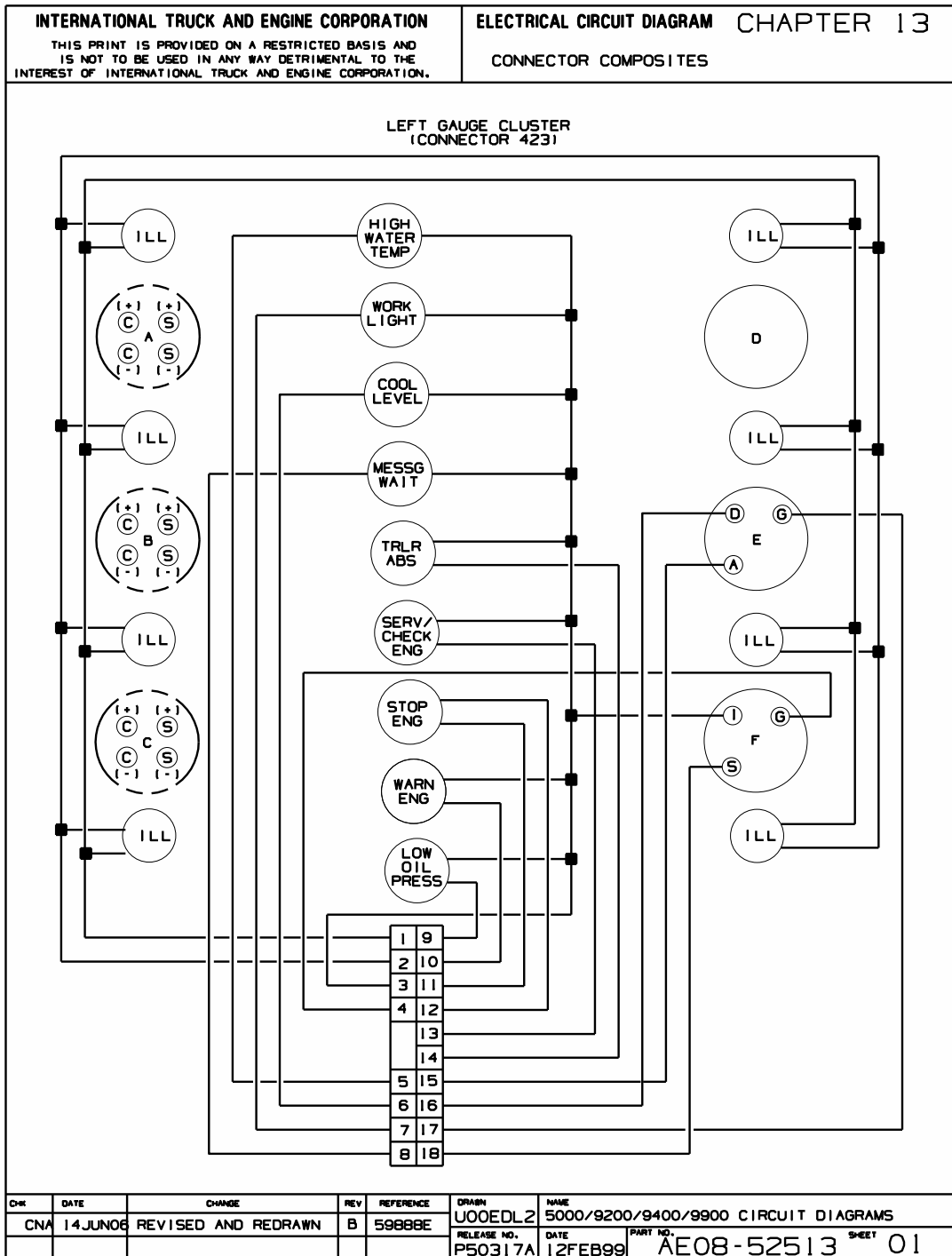


Figure 246 Left Gauge Cluster (Connector 423)

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

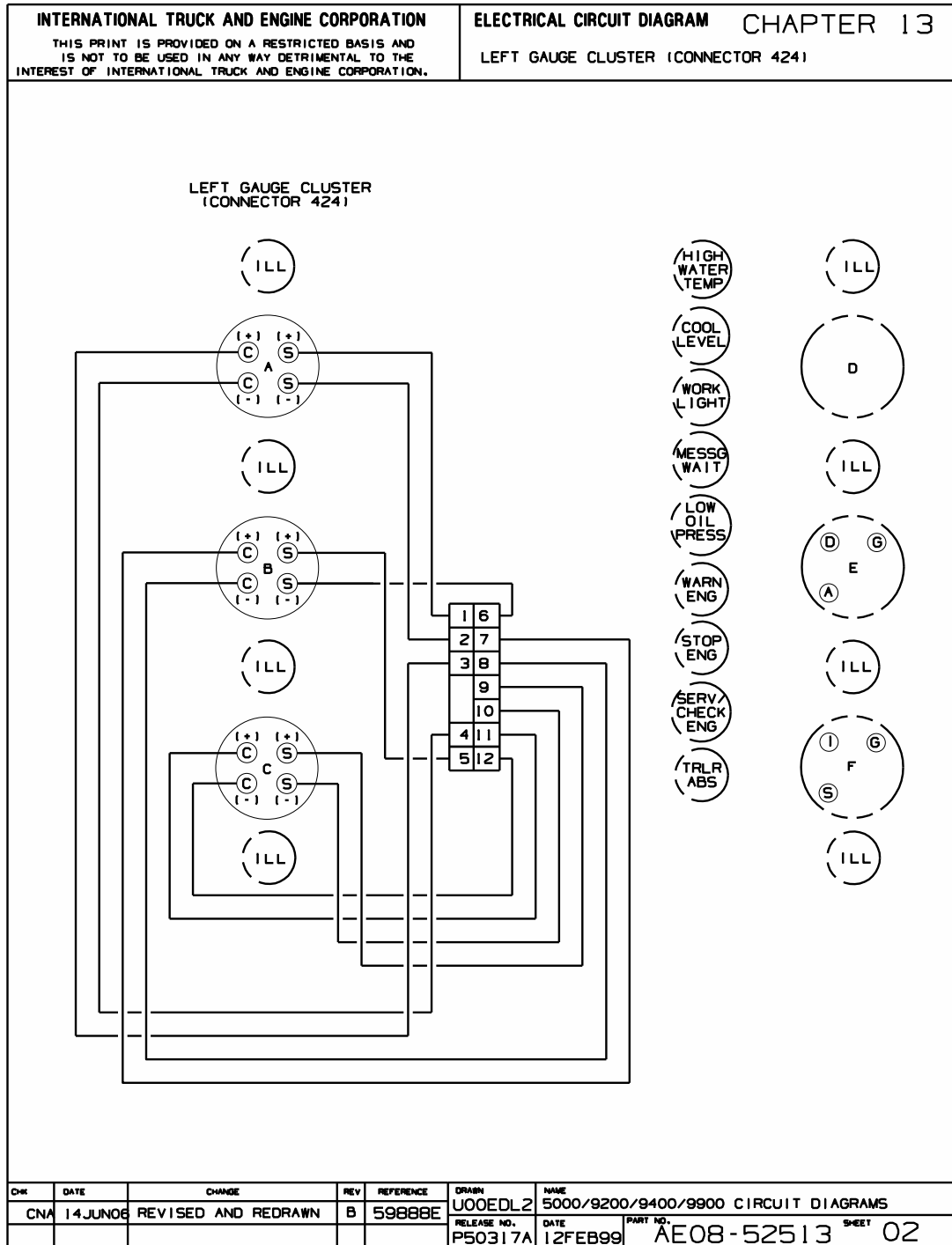


Figure 247 Left Gauge Cluster (Connector 424)

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

<p>INTERNATIONAL TRUCK AND ENGINE CORPORATION</p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</p>	<p>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13</p> <p>CONNECTOR COMPOSITES</p>					
<p>GAUGES</p> <ul style="list-style-type: none"> A. ENGINE WATER TEMPERATURE B. ENGINE OIL PRESSURE C. VOLTMETER D. AIR APPLICATION - OPTIONAL E. PYROMETER - OPTIONAL F. ENGINE OIL TEMPERATURE <p>NOTES:</p> <ul style="list-style-type: none"> 1. VIEWED FROM REAR OF HOUSING. 2. NUMBERS IN BOXES CORRESPOND TO CAVITY NUMBERS IN CLUSTER. 						
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA	14 JUN 06	REVISED AND REDRAWN	A	59888E	U00EDL2	5000/9200/9400/9900 CIRCUIT DIAGRAMS
					RELEASE NO. P50317A	DATE 12 FEB 99
					PART NO. AE08-52513	SHEET 03

Figure 248 Left Gauge Cluster – Gauge Information

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

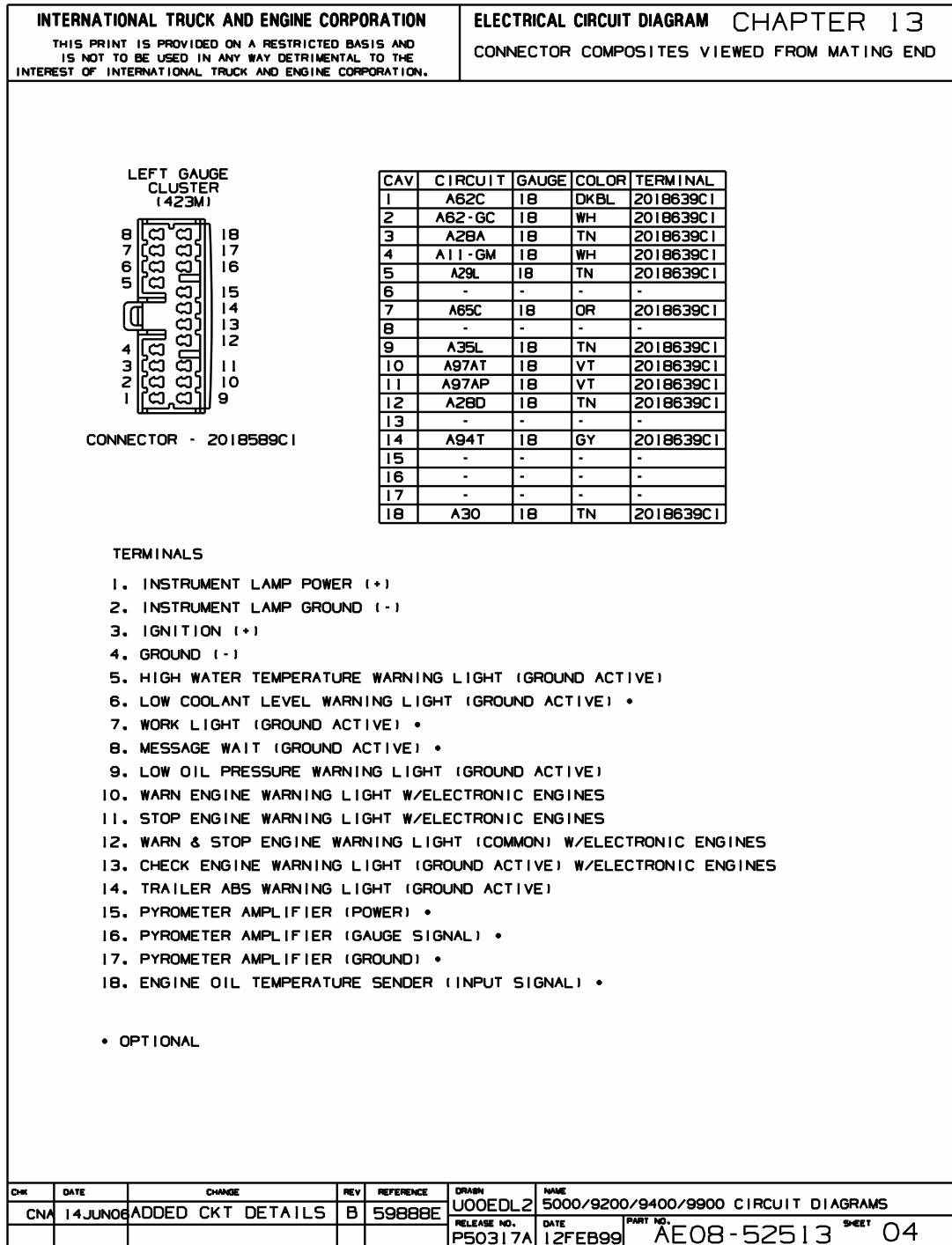


Figure 249 Left Gauge Cluster – Terminal Information

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

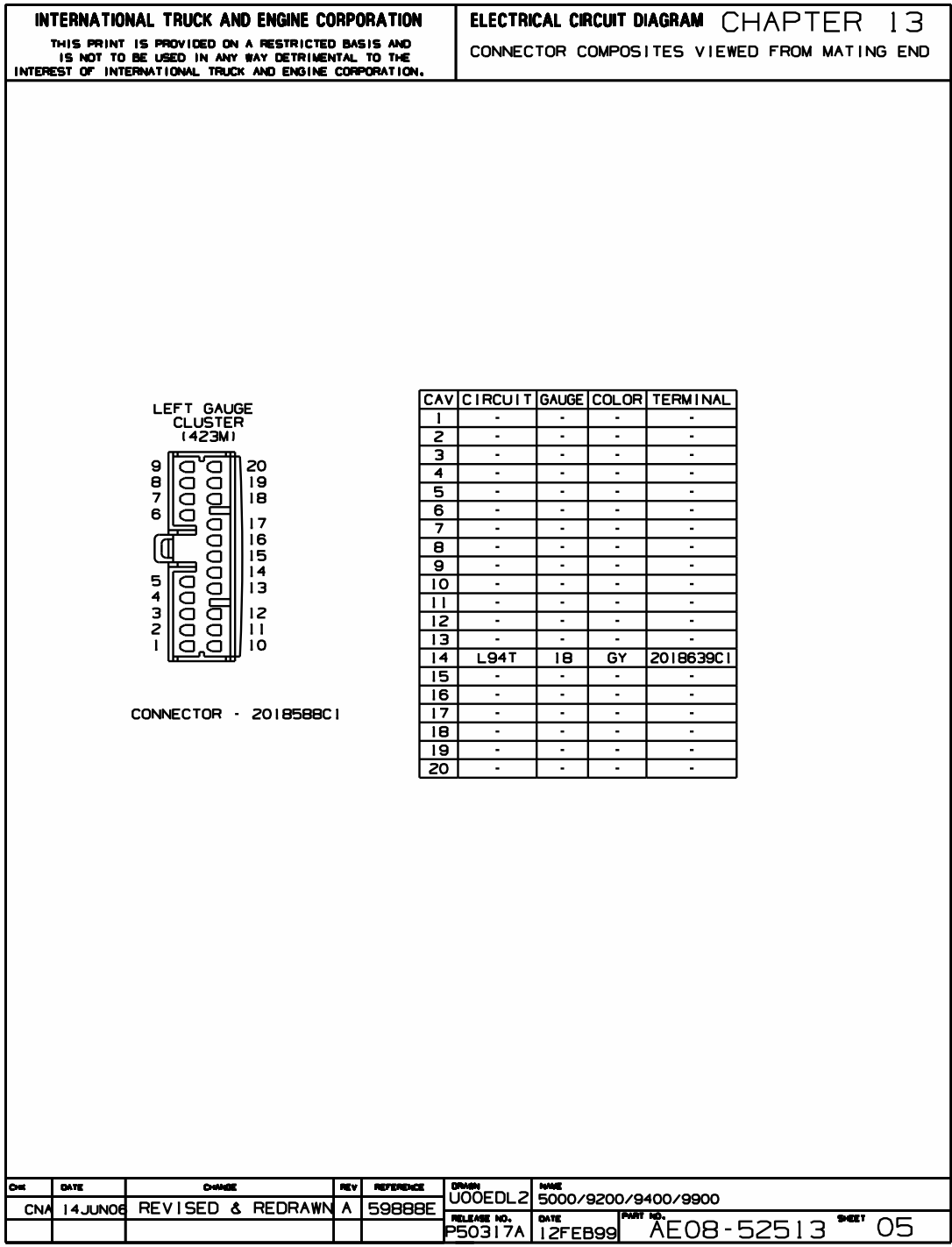


Figure 250 Left Gauge Cluster – Terminal Information

13.6. RIGHT GAUGE CLUSTER (CONNECTOR 424M), P. 6

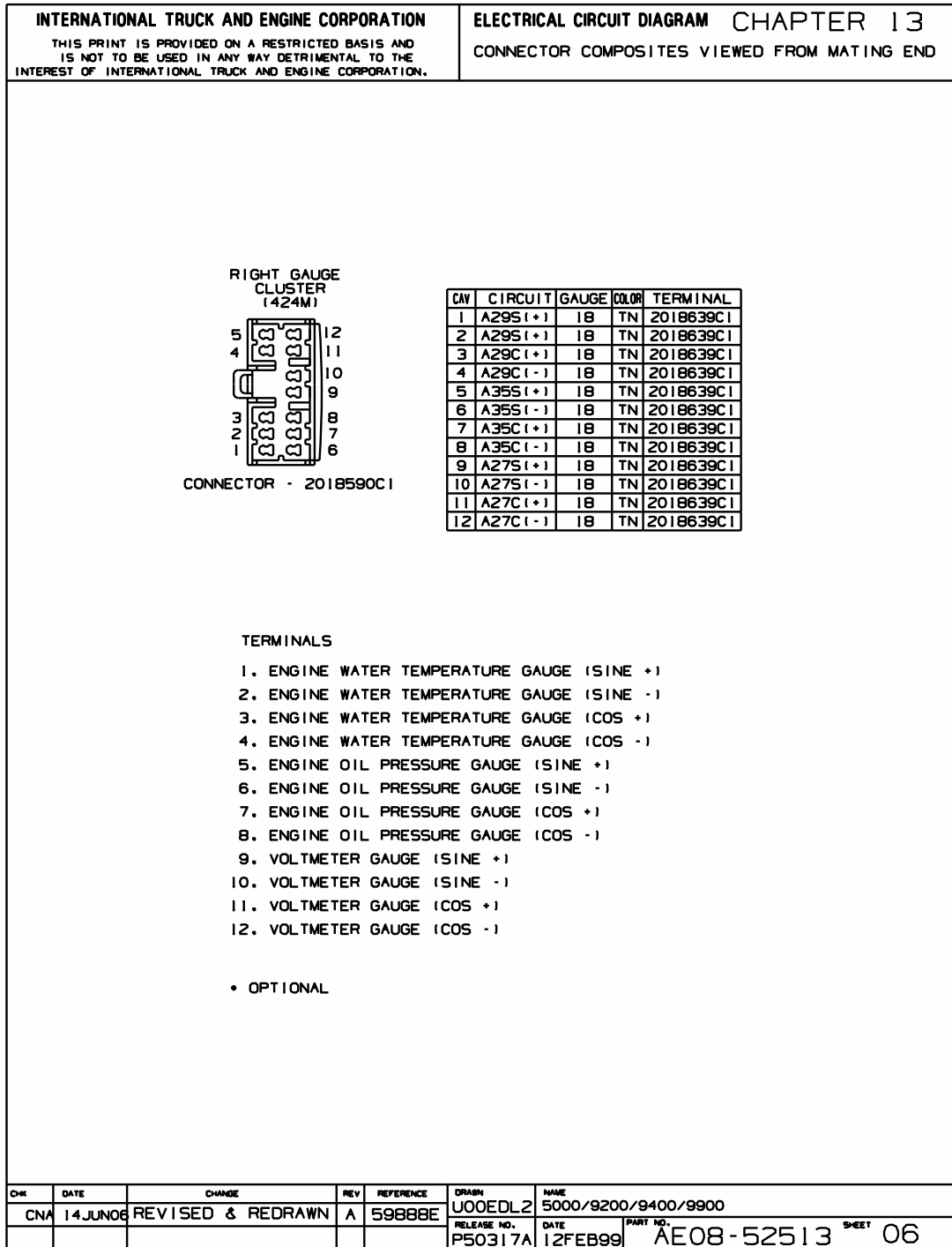


Figure 251 Right Gauge Cluster (Connector 424M)

13.7. RIGHT GAUGE CLUSTER (CONNECTOR 420), P. 7

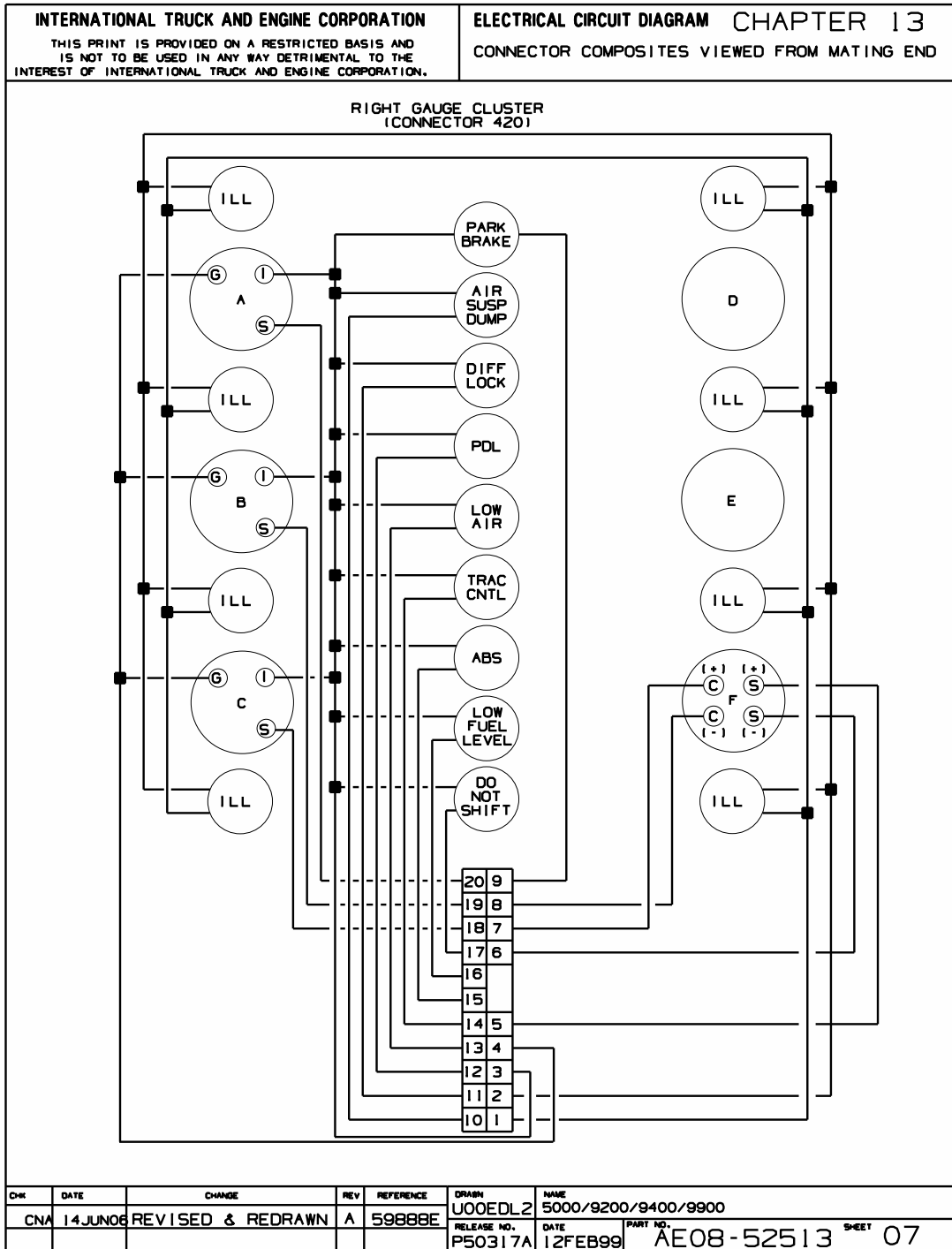


Figure 252 Right Gauge Cluster (Connector 420)

13.8. RIGHT GAUGE CLUSTER – GAUGE INFORMATION, P. 8

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 VIEWED FROM MATING END			
RIGHT GAUGES CLUSTER - GAUGE INFORMATION 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	
CNA	14 JUN 06	REVISED & REDRAWN	A	59888E	U00EDL2	5000/9200/9400/9900	
					RELEASE NO.	DATE	
					P50317A	12 FEB 99	
					PART NO.	SHEET	
					AE08-52513	08	

Figure 253 Right Gauge Cluster – Gauge Information

13.9. RIGHT GAUGE CLUSTER – TERMINAL INFORMATION, P. 9

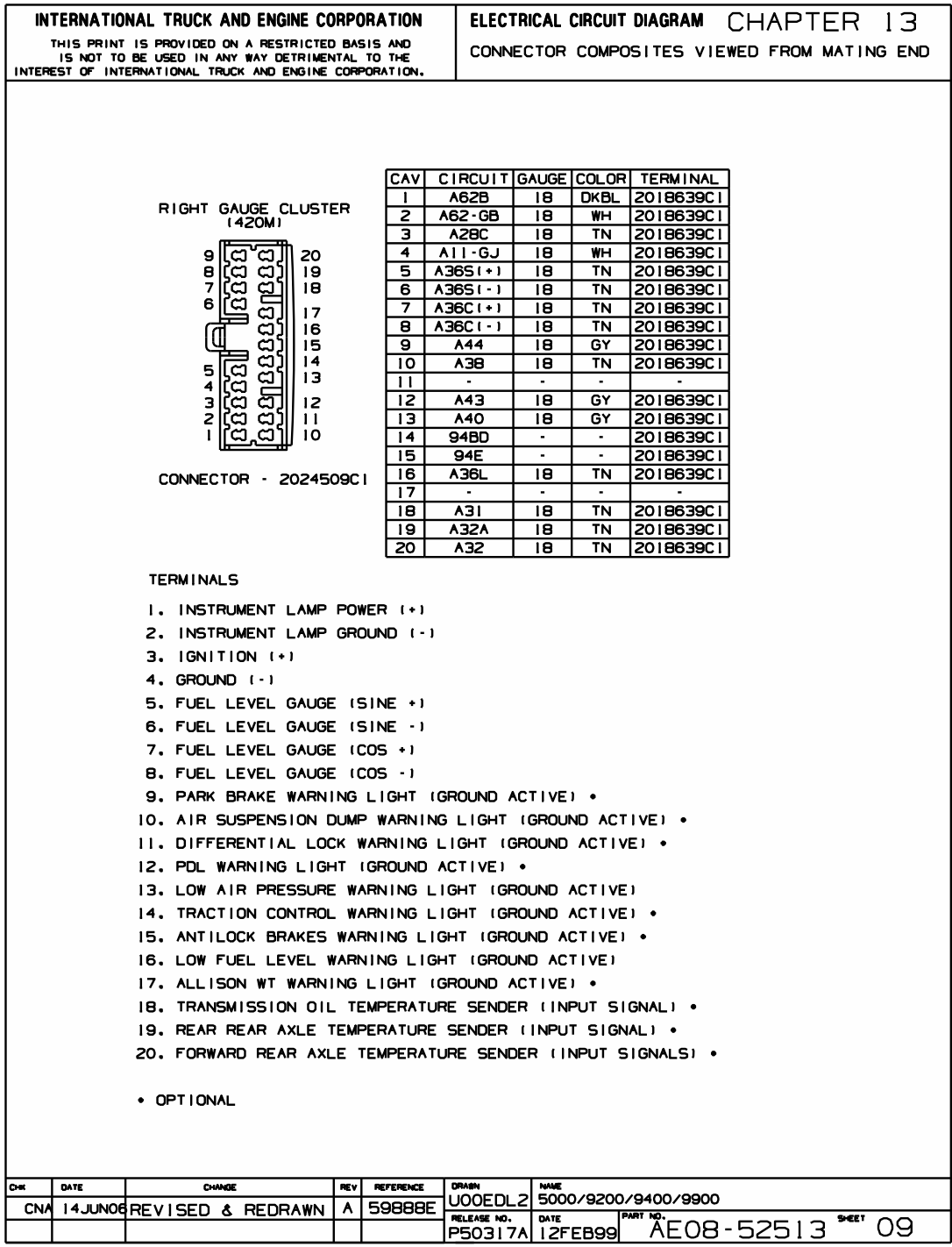


Figure 254 Right Gauge Cluster – Terminal Information

13.10. RIGHT SIDE CLUSTER (CONNECTOR 420M), P. 10

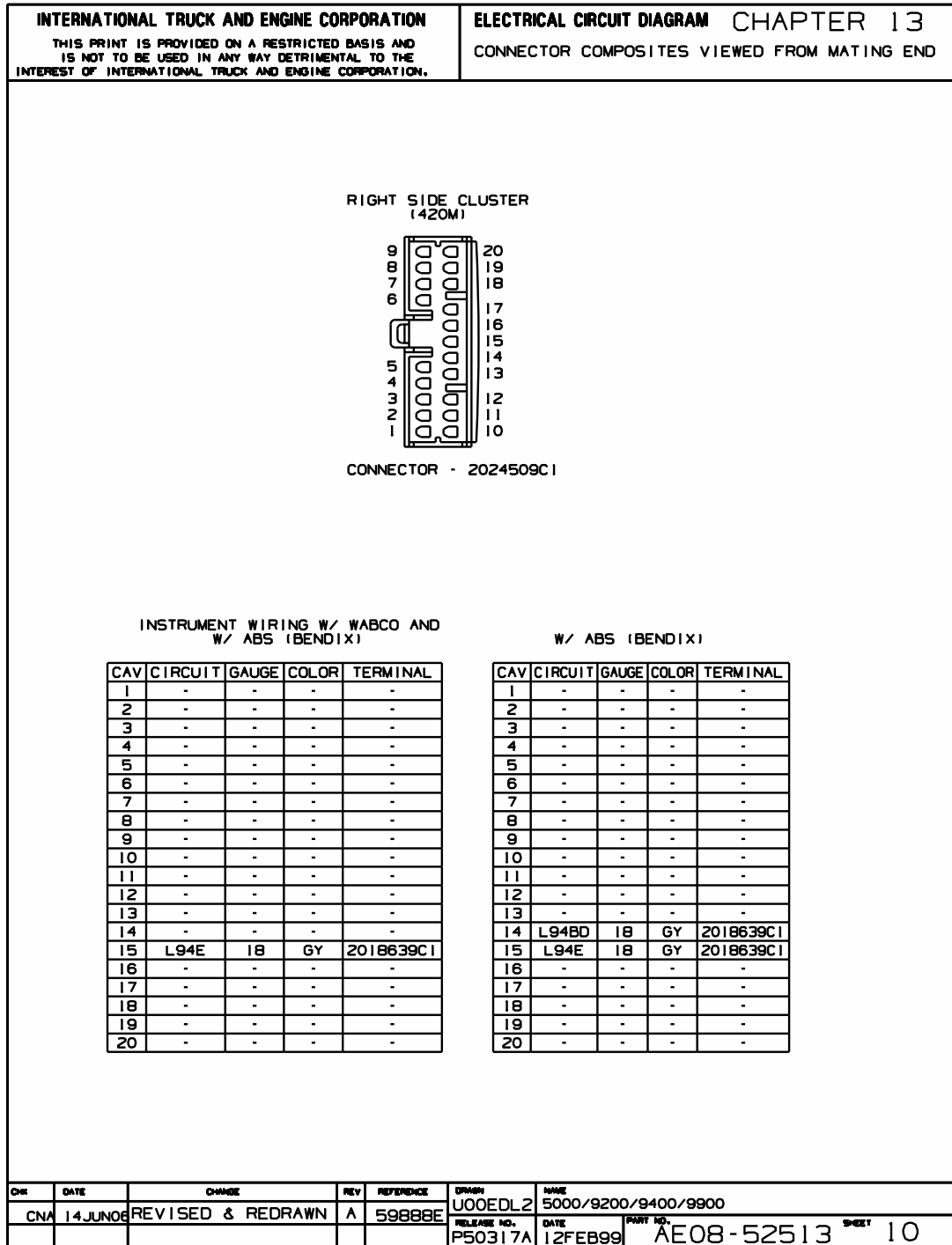


Figure 255 Right Side Cluster (Connector 420M)

13.11. SPEEDOMETER / TACHOMETER MODULE – TERMINAL INFORMATION, P. 11

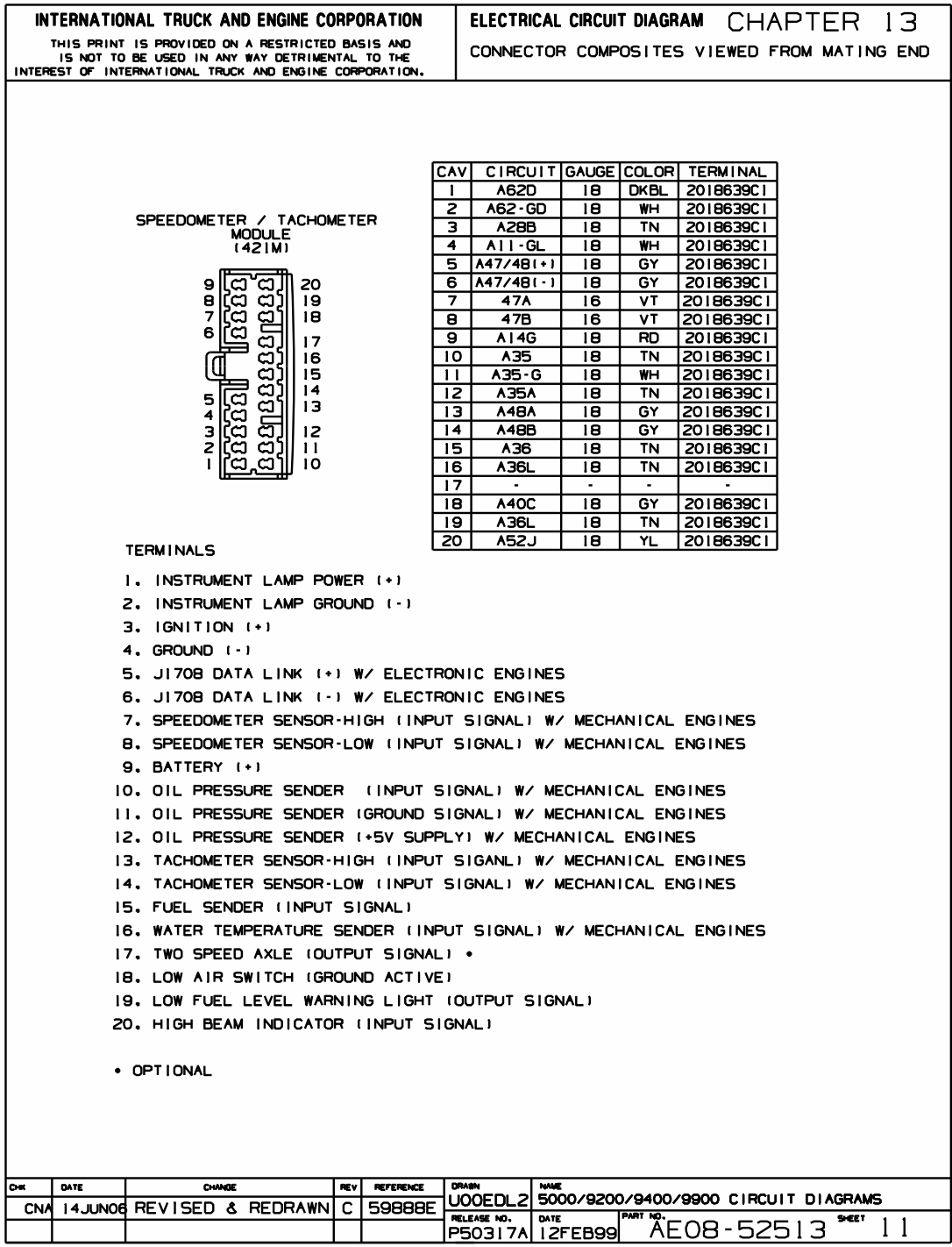


Figure 256 Speedometer / Tachometer Module – Terminal Information

13.12. SPEEDOMETER / TACHOMETER MODULE (422M), P. 12

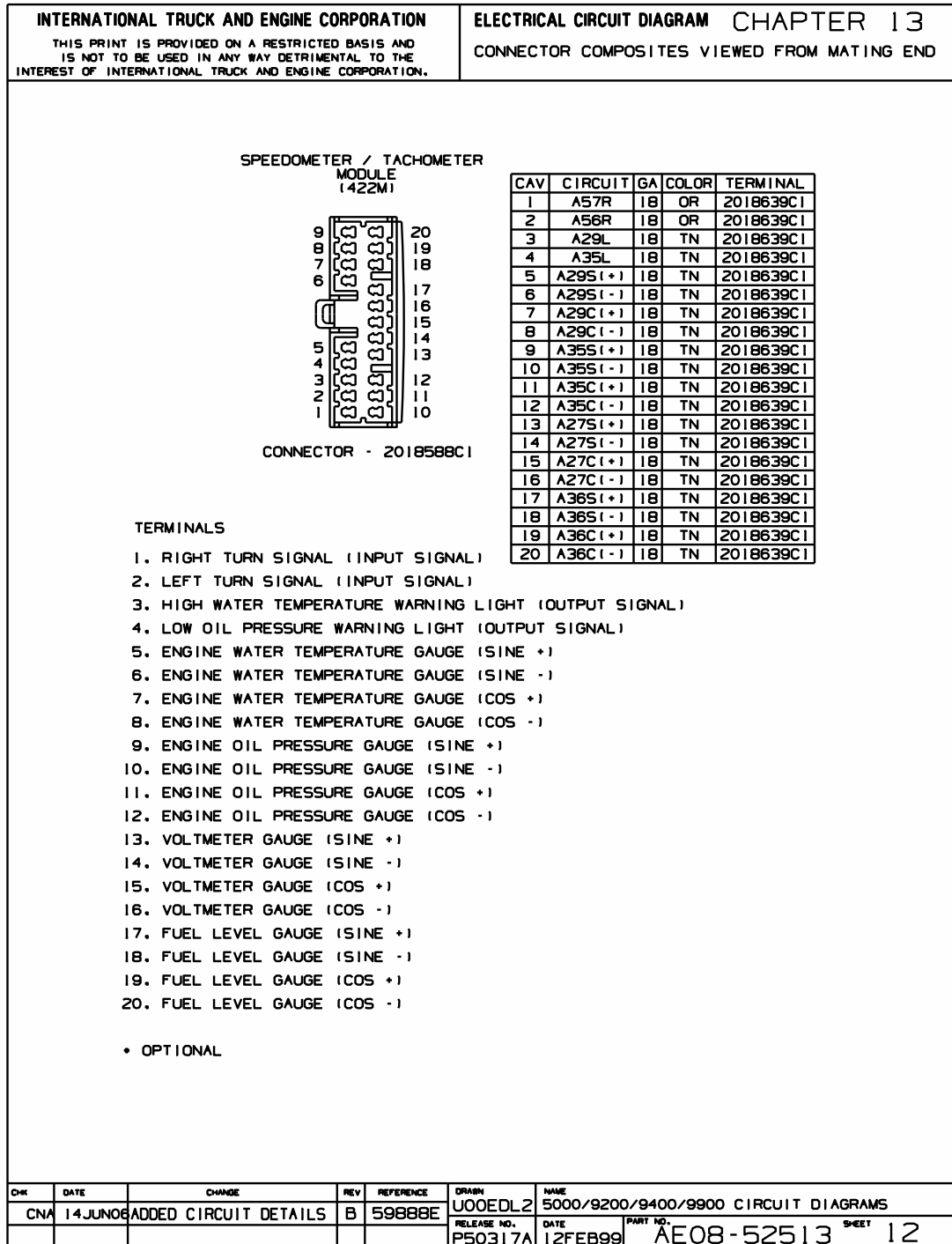


Figure 257 Speedometer / Tachometer Module (422M)

13.13. CONNECTOR COMPOSITE (1), P. 13

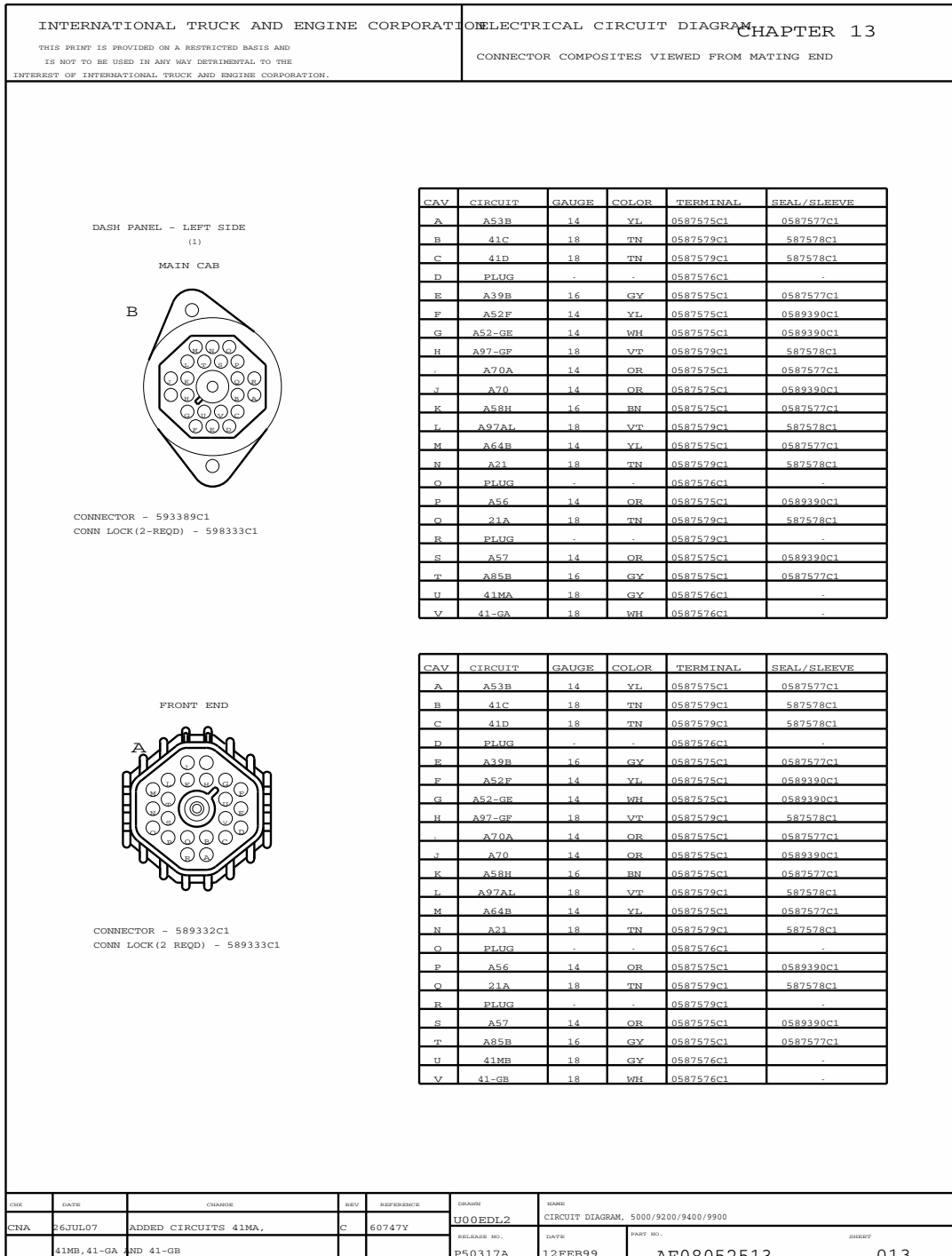


Figure 258 Connector Composite (1)

13.14. CONNECTOR COMPOSITE (1F), P. 13A

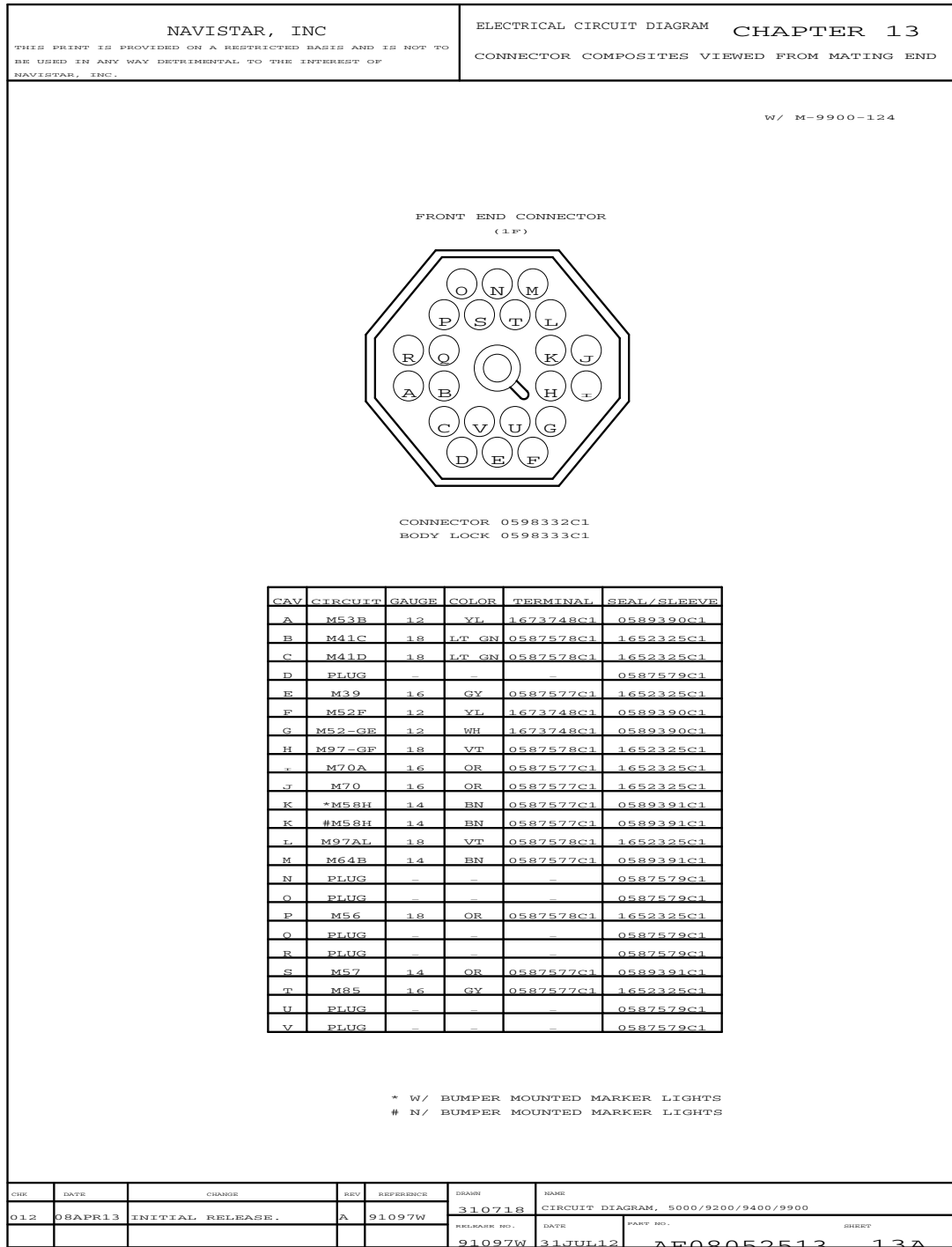


Figure 259 Connector Composite (1F)

13.15. CONNECTOR COMPOSITE (2), P. 14

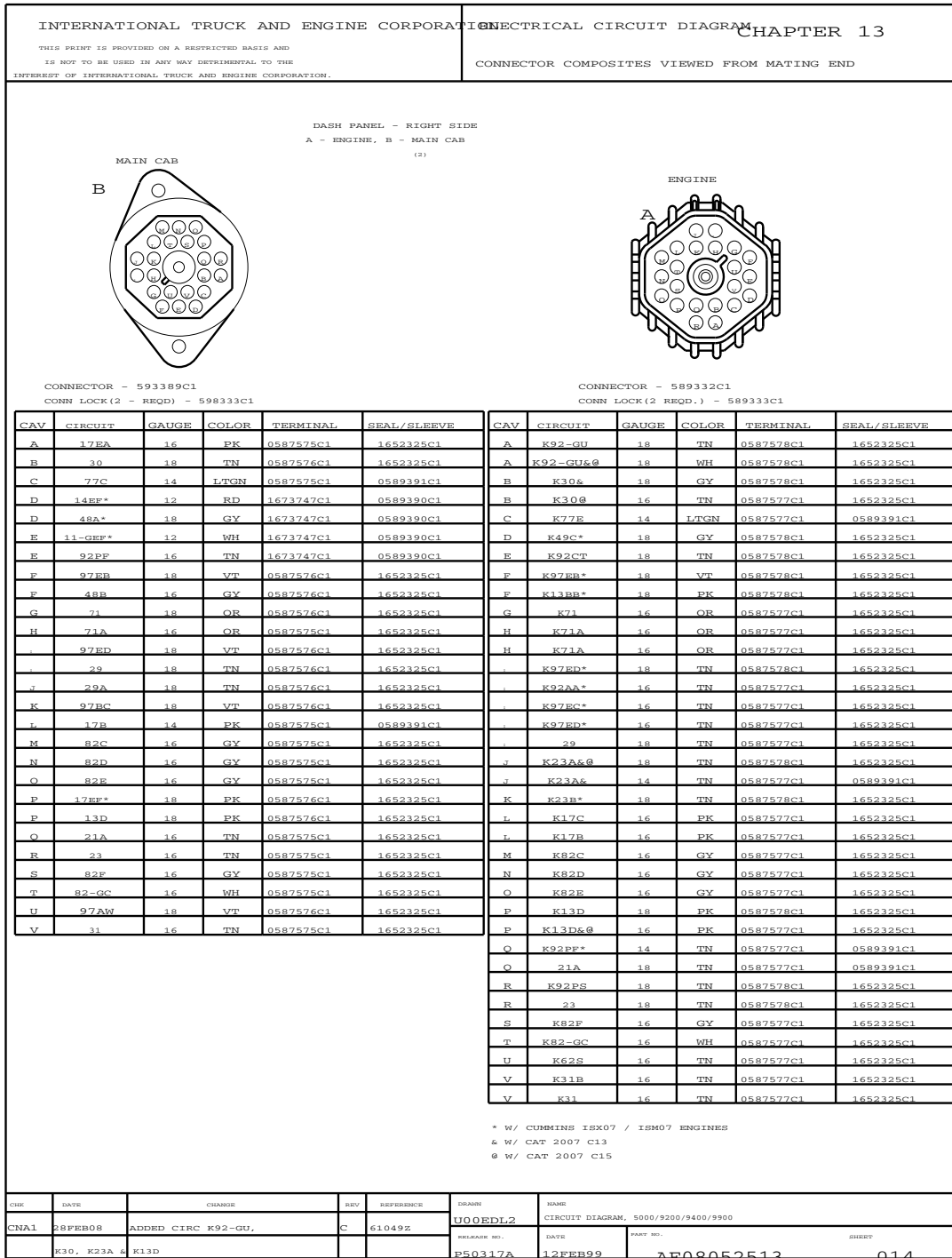


Figure 260 Connector Composite (2)

13.16. CONNECTOR COMPOSITE (3), P. 15

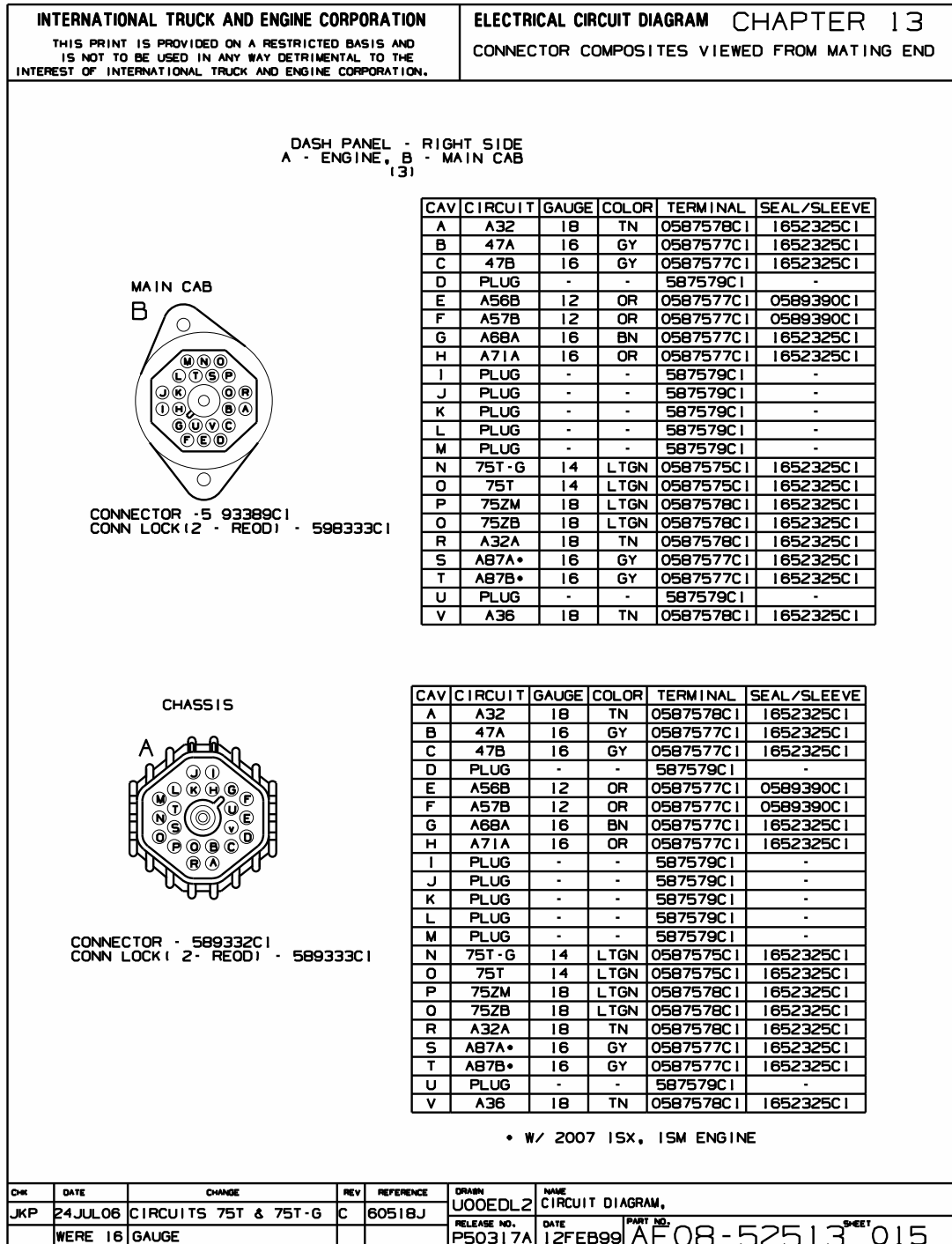


Figure 261 Connector Composite (3)

13.17. CONNECTOR COMPOSITE (3M) P. 15A

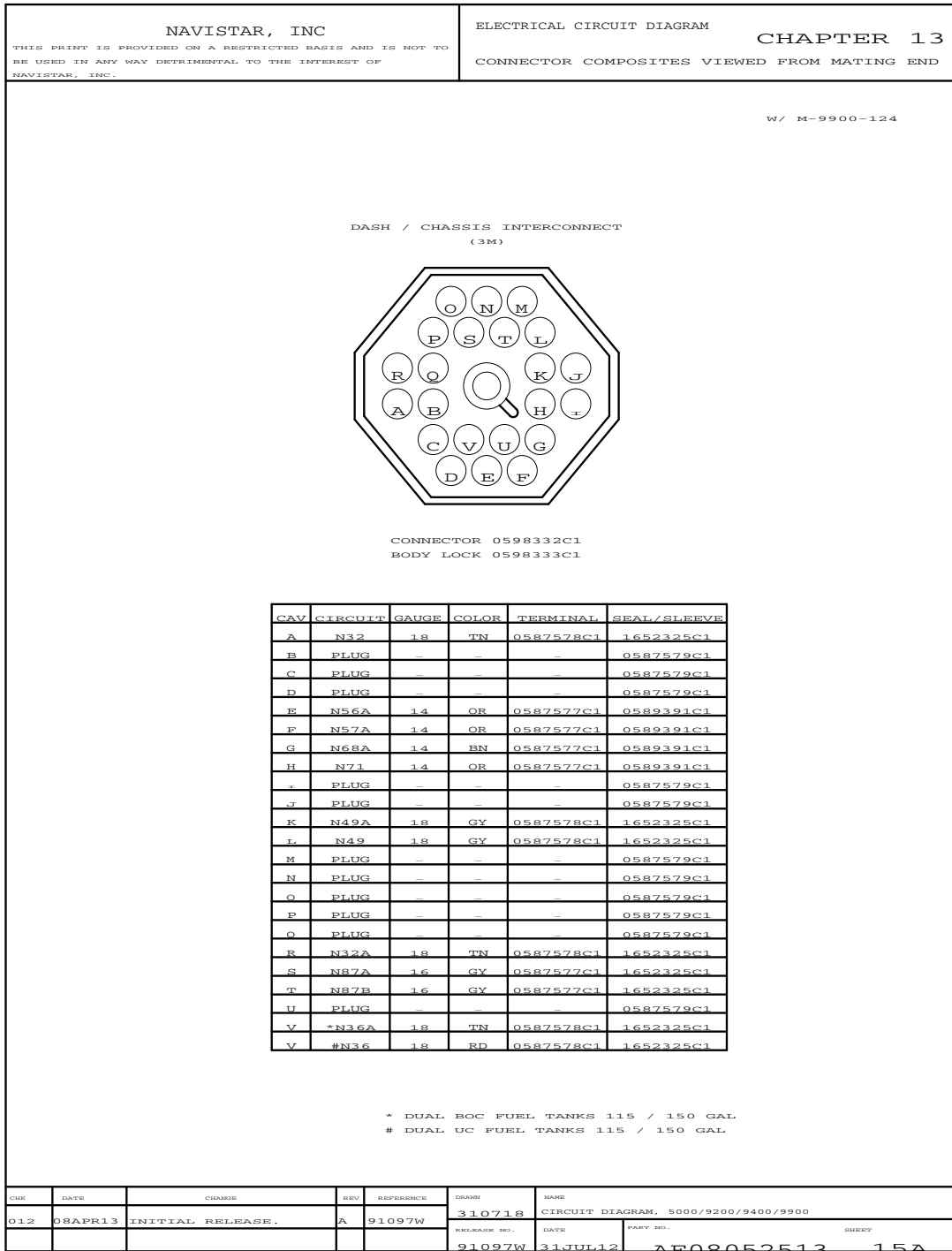


Figure 262 Connector Composite (3M)

13.18. CONNECTOR COMPOSITES (4M), (8), (9), (9M), (11), (15), P. 16

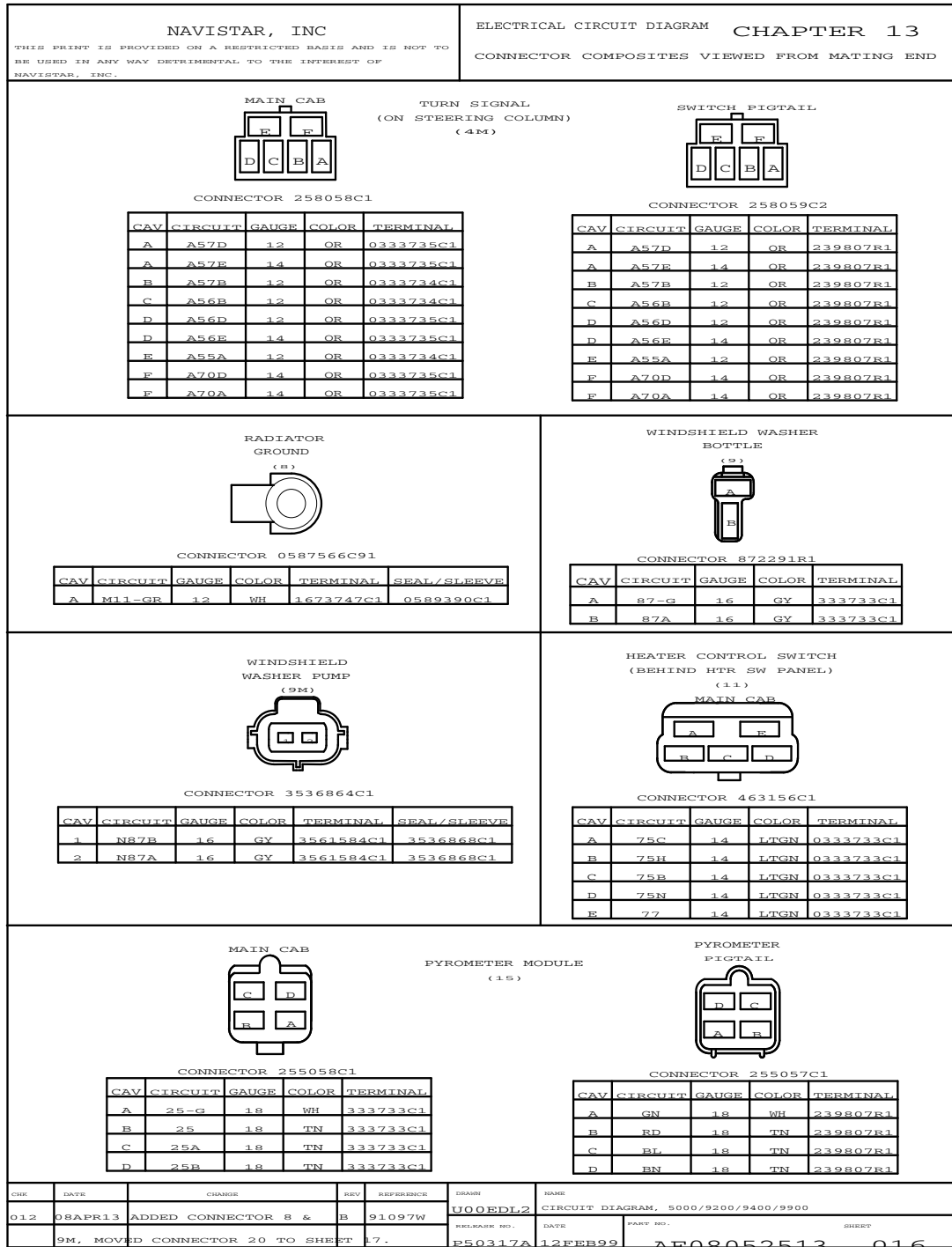


Figure 263 Connector Composites (4M), (8), (9), (9M), (11), (15)

13.19. CONNECTOR COMPOSITES (20), (27), (29), (40M), (41), (42), P. 17

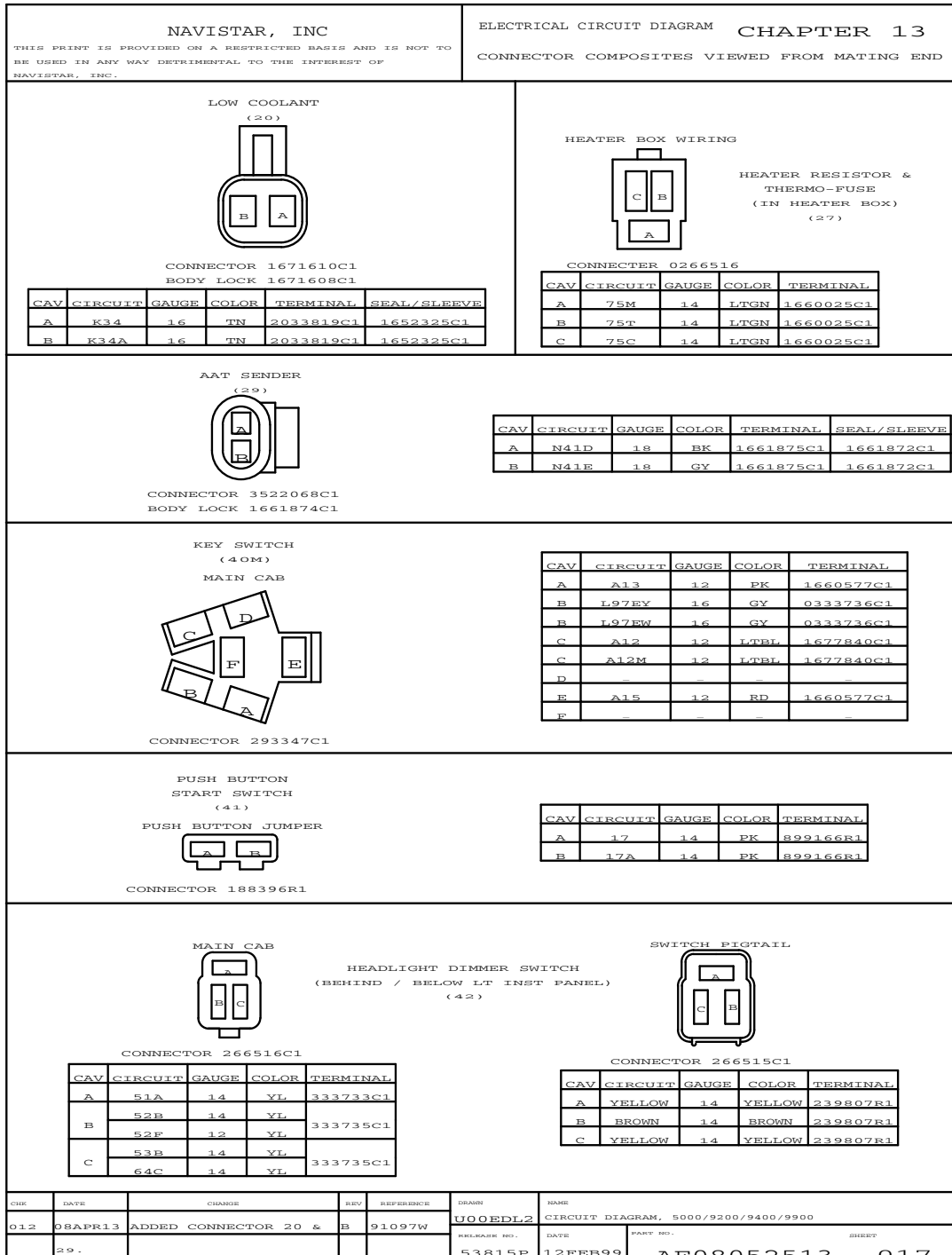


Figure 264 Connector Composites (20), (27), (29), (40M), (41), (42)

13.20. CONNECTOR COMPOSITES (48), (65F), (66F), (67F), P. 18

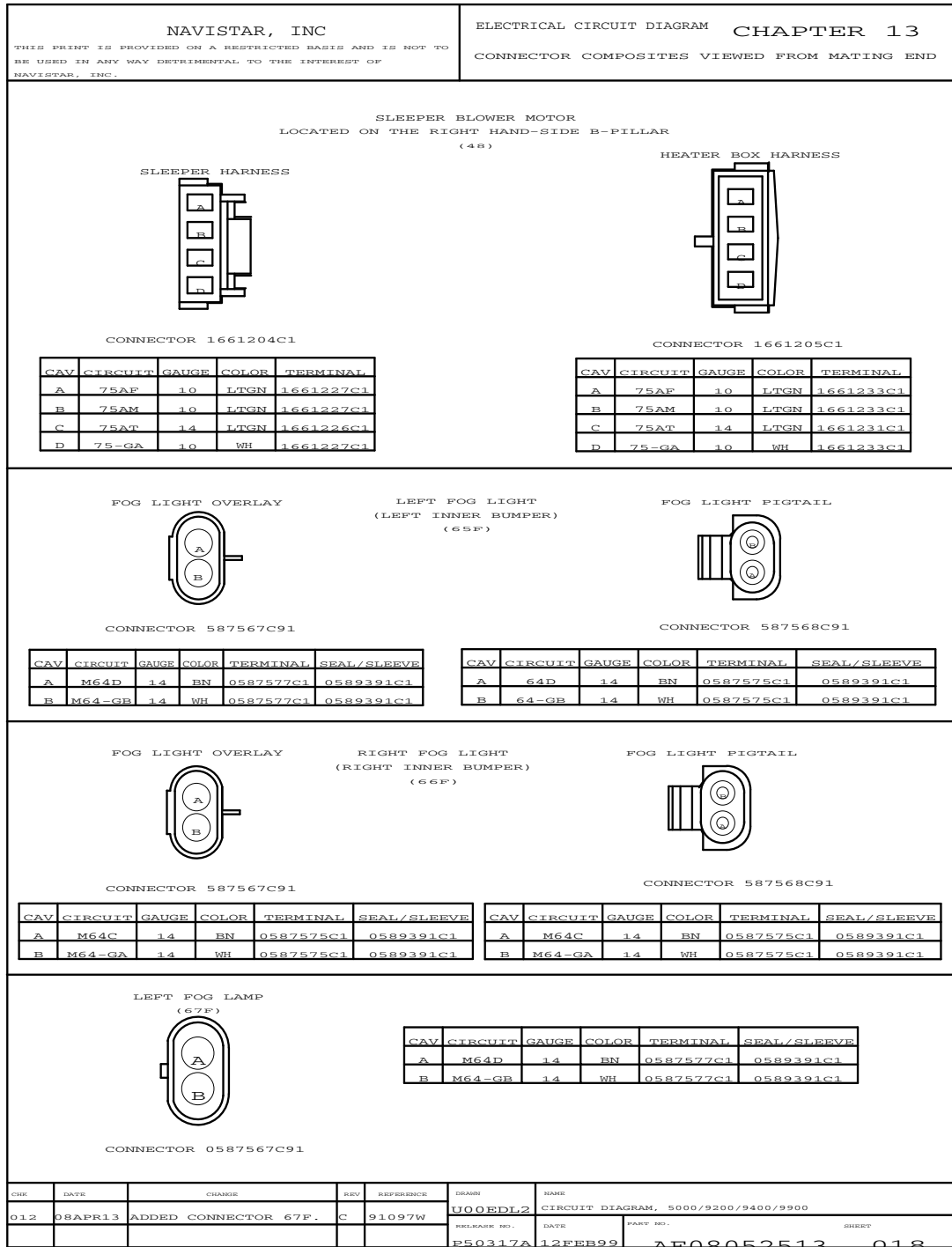


Figure 265 Connector Composites (48), (65F), (66F), (67F)

13.21. CONNECTOR COMPOSITES (71), (72), (76), (77), (94), P. 19

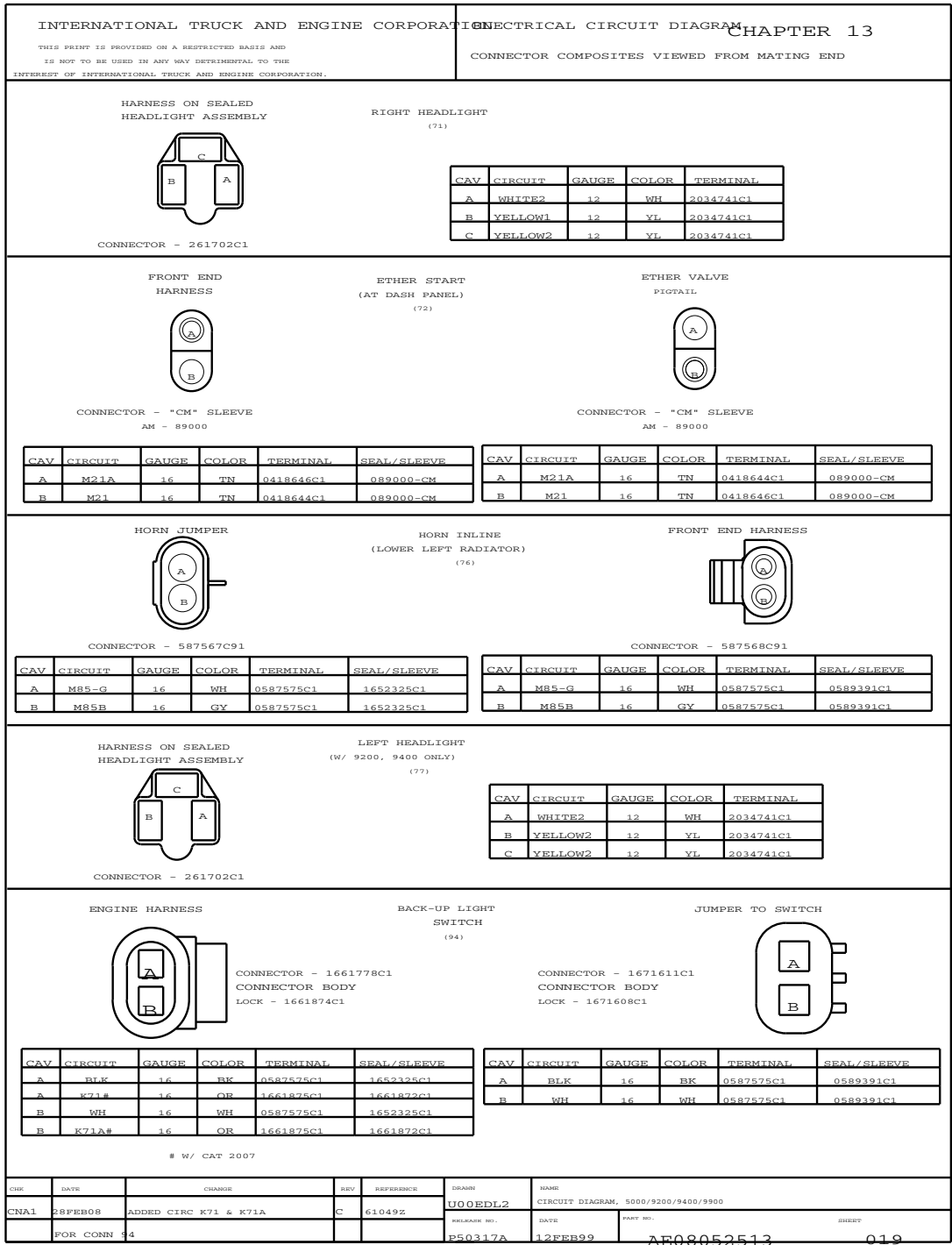


Figure 266 Connector Composites (71), (72), (76), (77), (94)

13.22. CONNECTOR COMPOSITES (100), (100A), (105), (111), (112), (113), P. 20

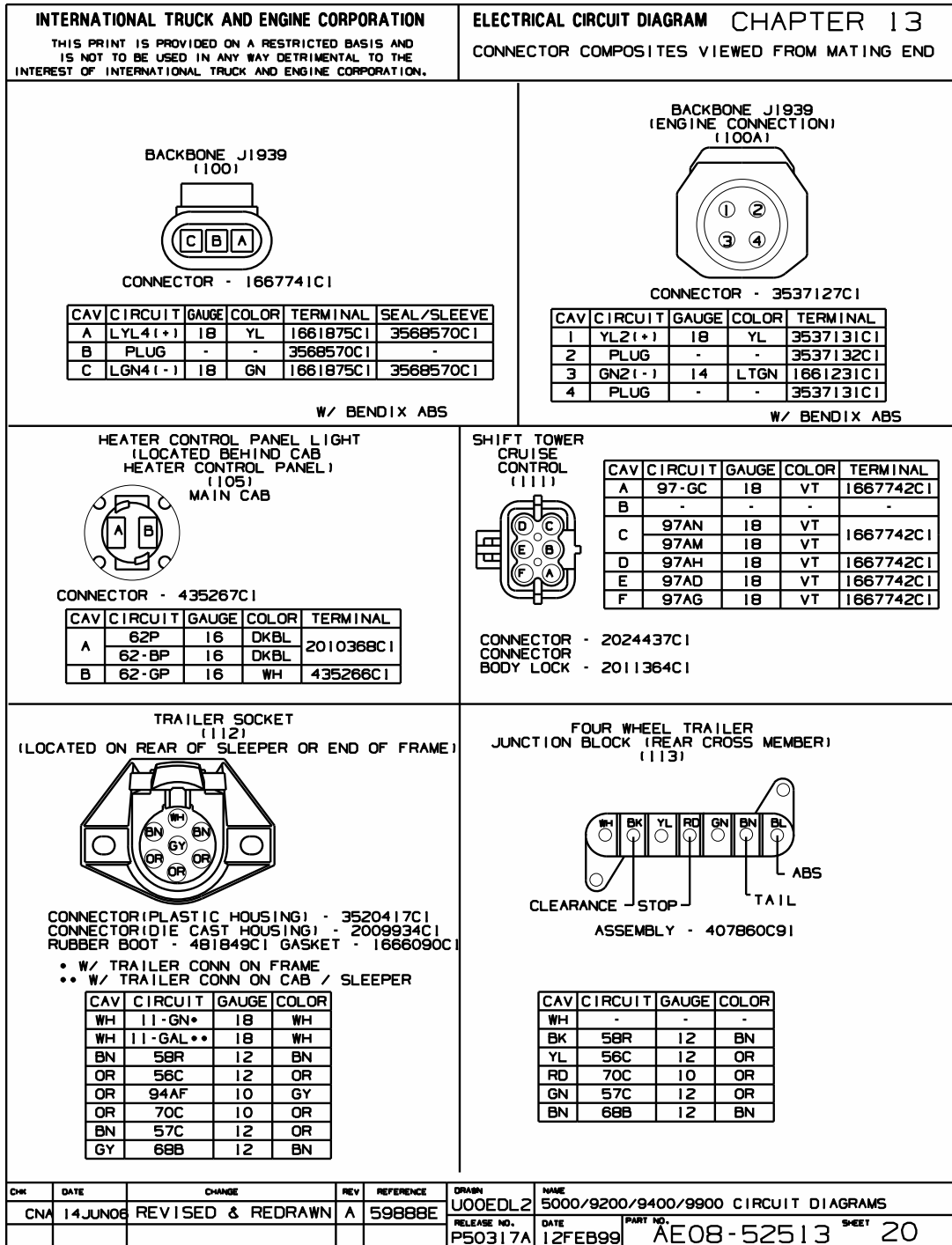


Figure 267 Connector Composites (100), (100A), (105), (111), (112), (113)

13.23. CONNECTOR COMPOSITES (100M3), (105M), P. 20A

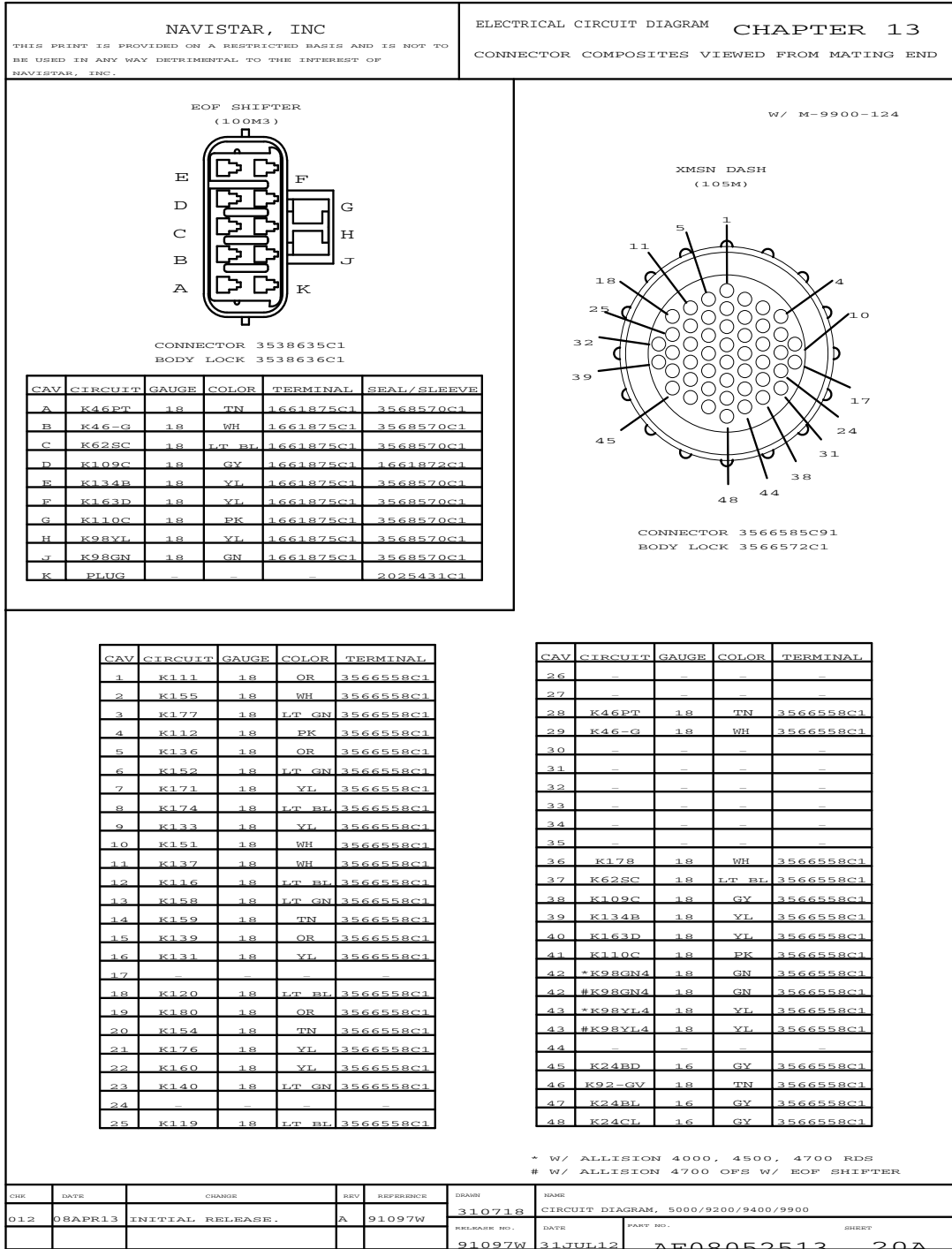


Figure 268 Connector Composites (100M3), (105M)

13.24. CONNECTOR COMPOSITES (115), (116), (117), P. 21

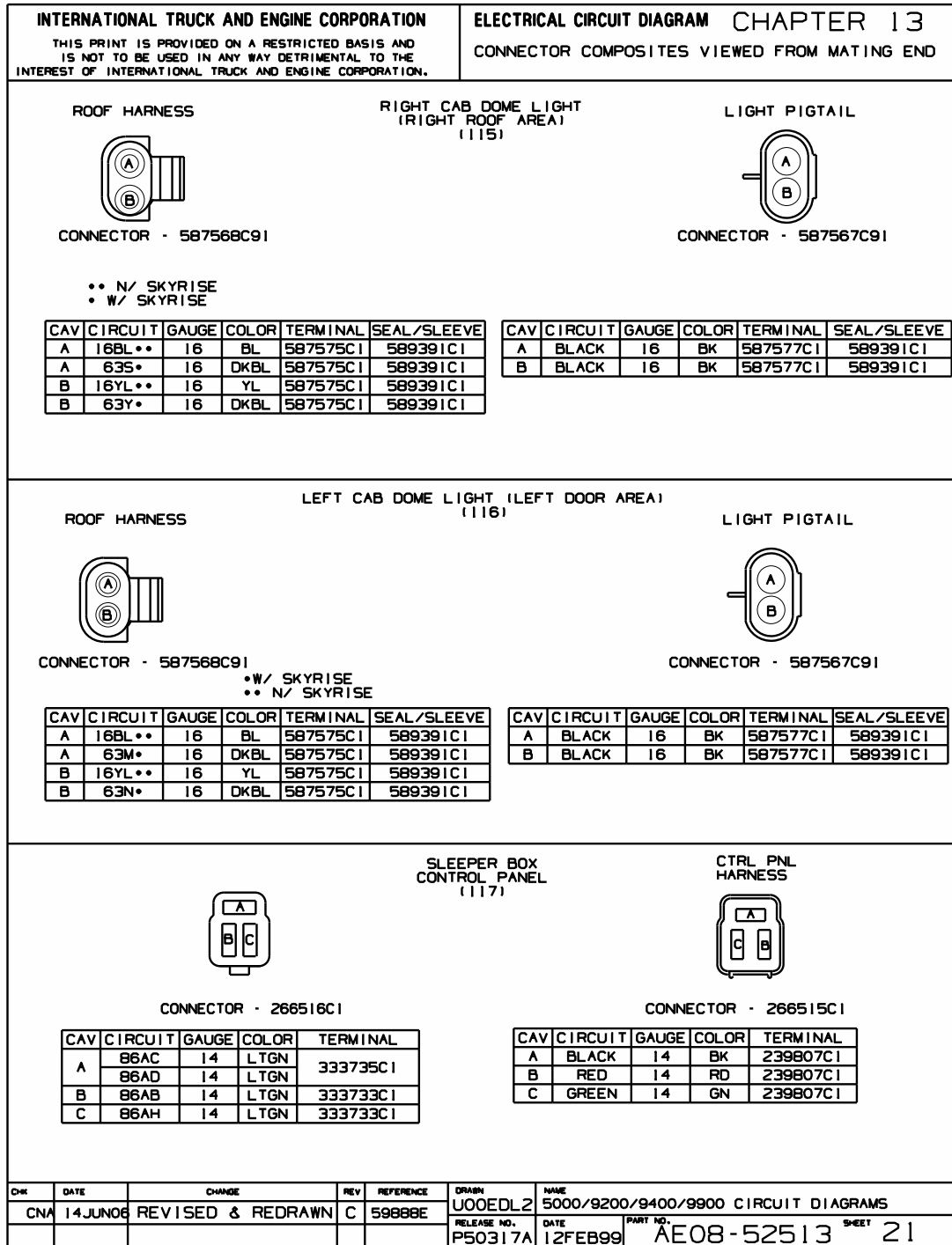


Figure 269 Connector Composites (115), (116), (117)

13.25. CONNECTOR COMPOSITES (113F1), (113M1), (117), (118), P. 22

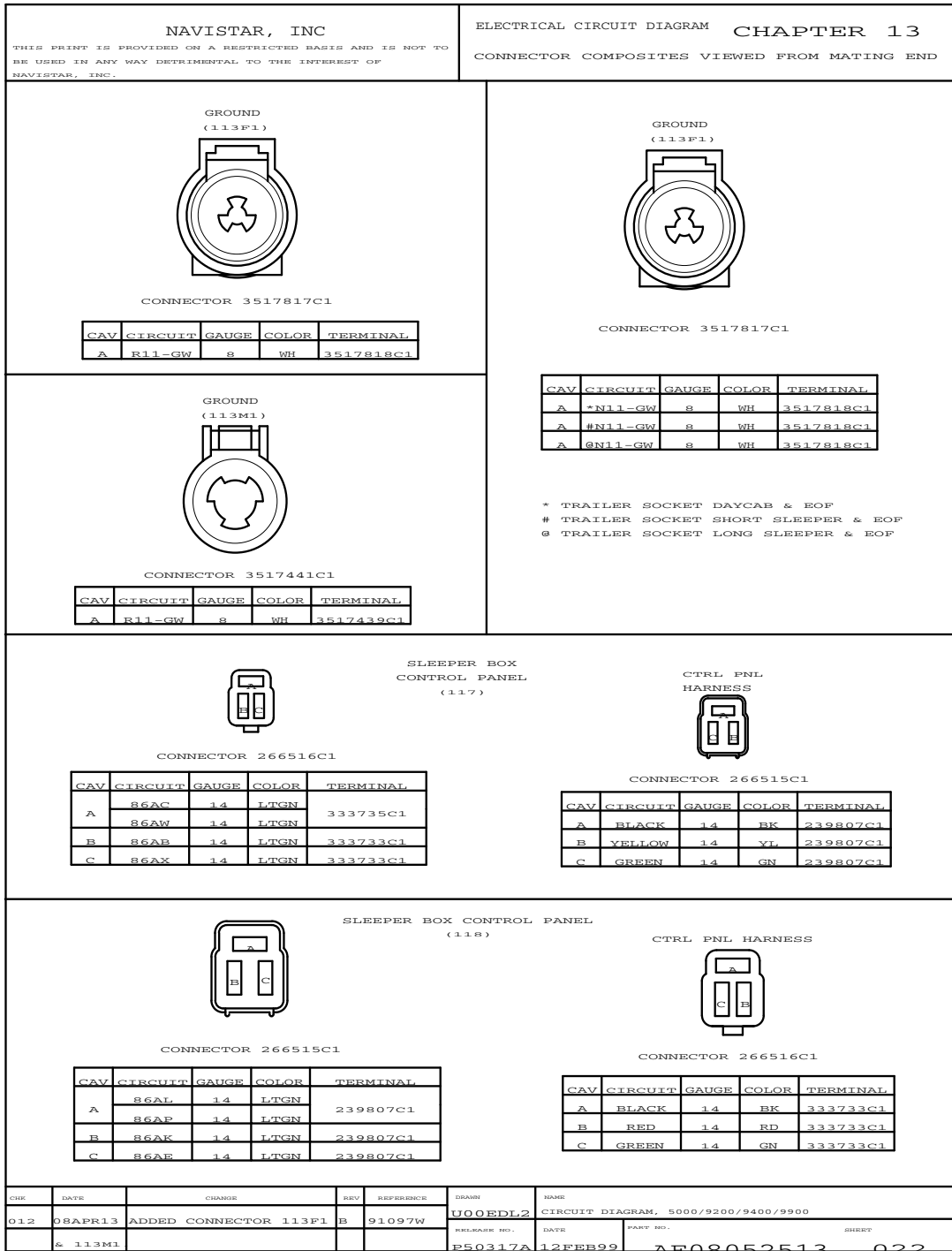


Figure 270 Connector Composites (113F1), (113M1), (117), (118)

13.26. CONNECTOR COMPOSITES (118), (127A), (128), P. 23

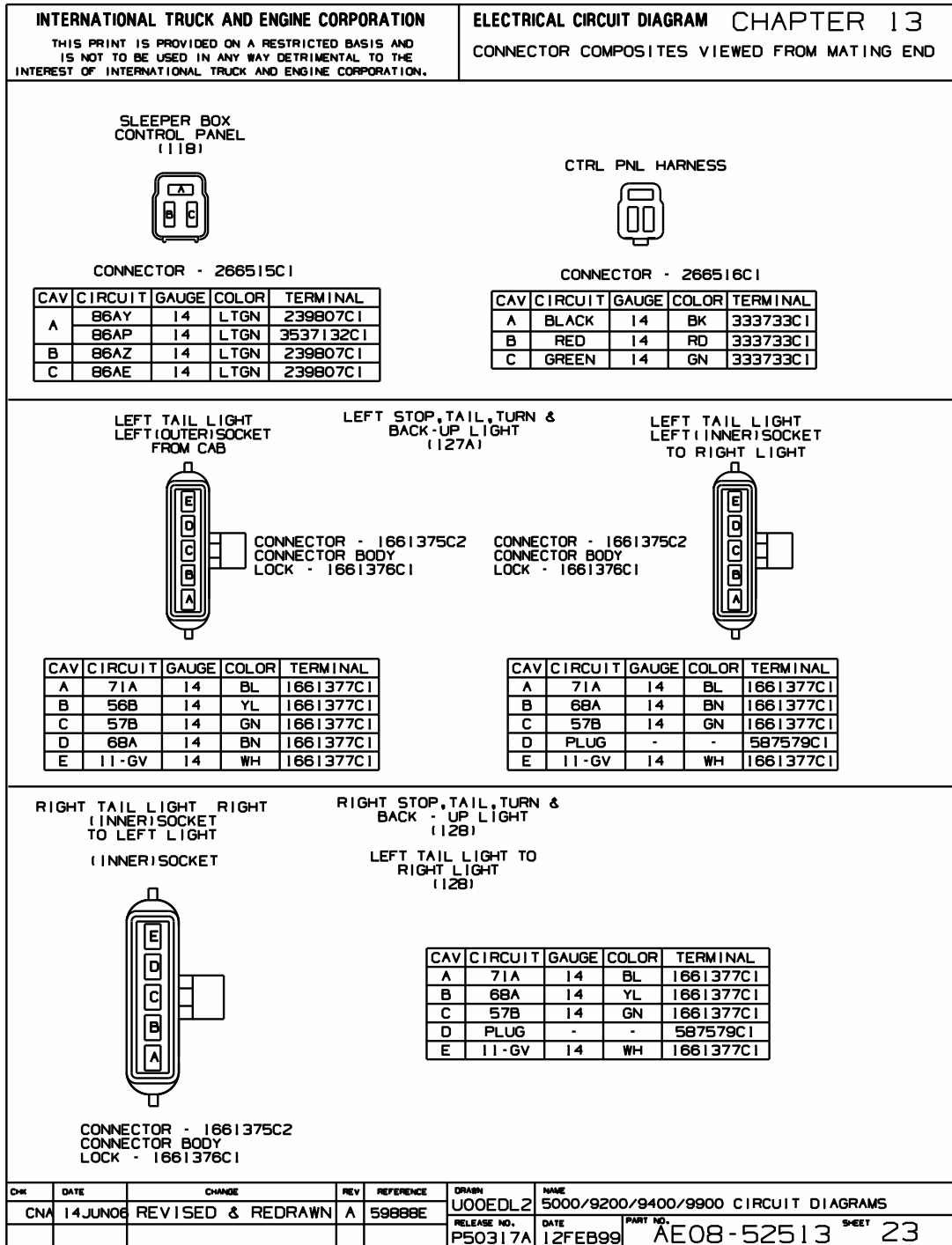


Figure 271 Connector Composites (118), (127A), (128)

13.27. CONNECTOR COMPOSITES (137), (142M), (143M), P. 24

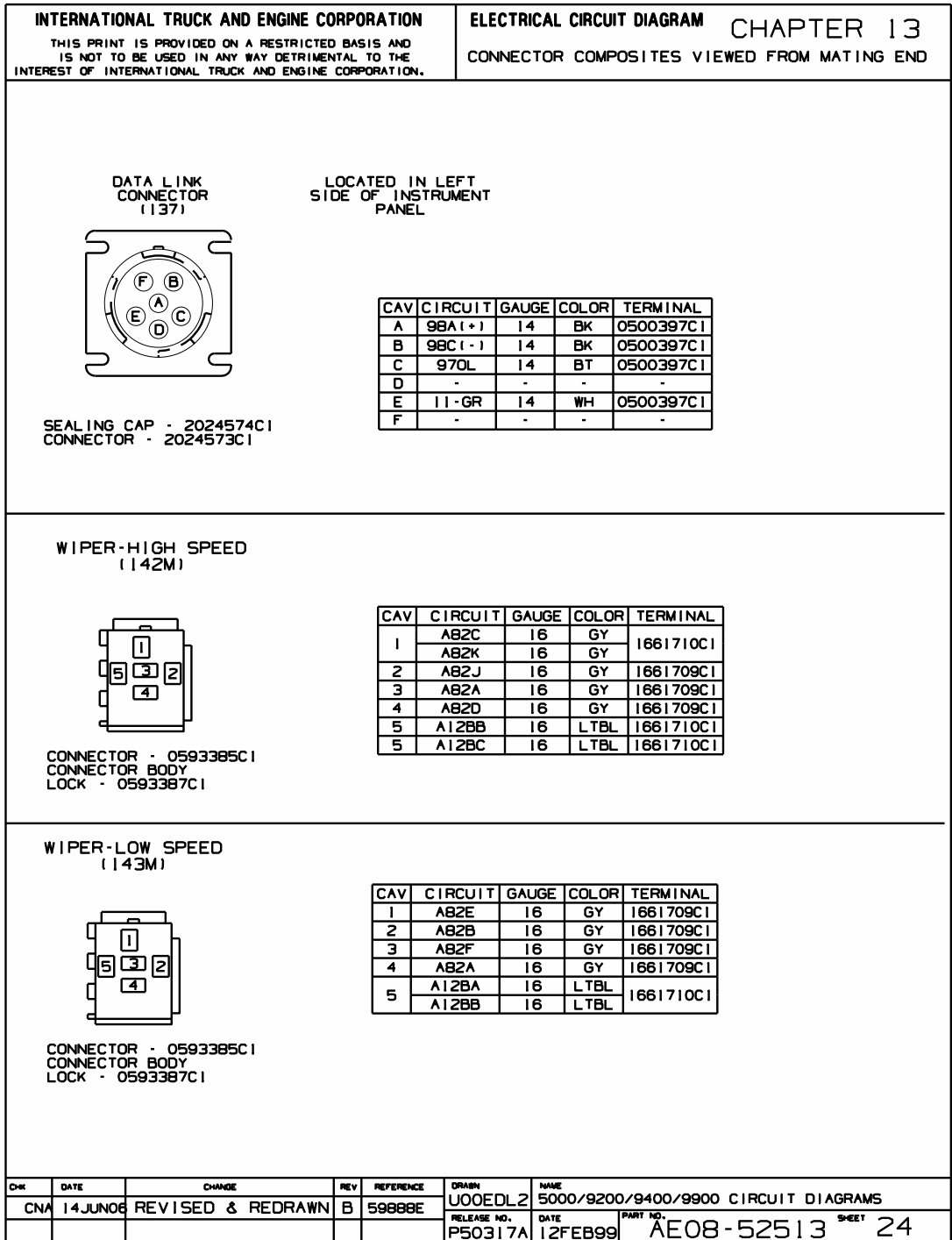


Figure 272 Connector Composites (137), (142M), (143M)

13.28. CONNECTOR COMPOSITES (144M), (145M), (146M), P. 25

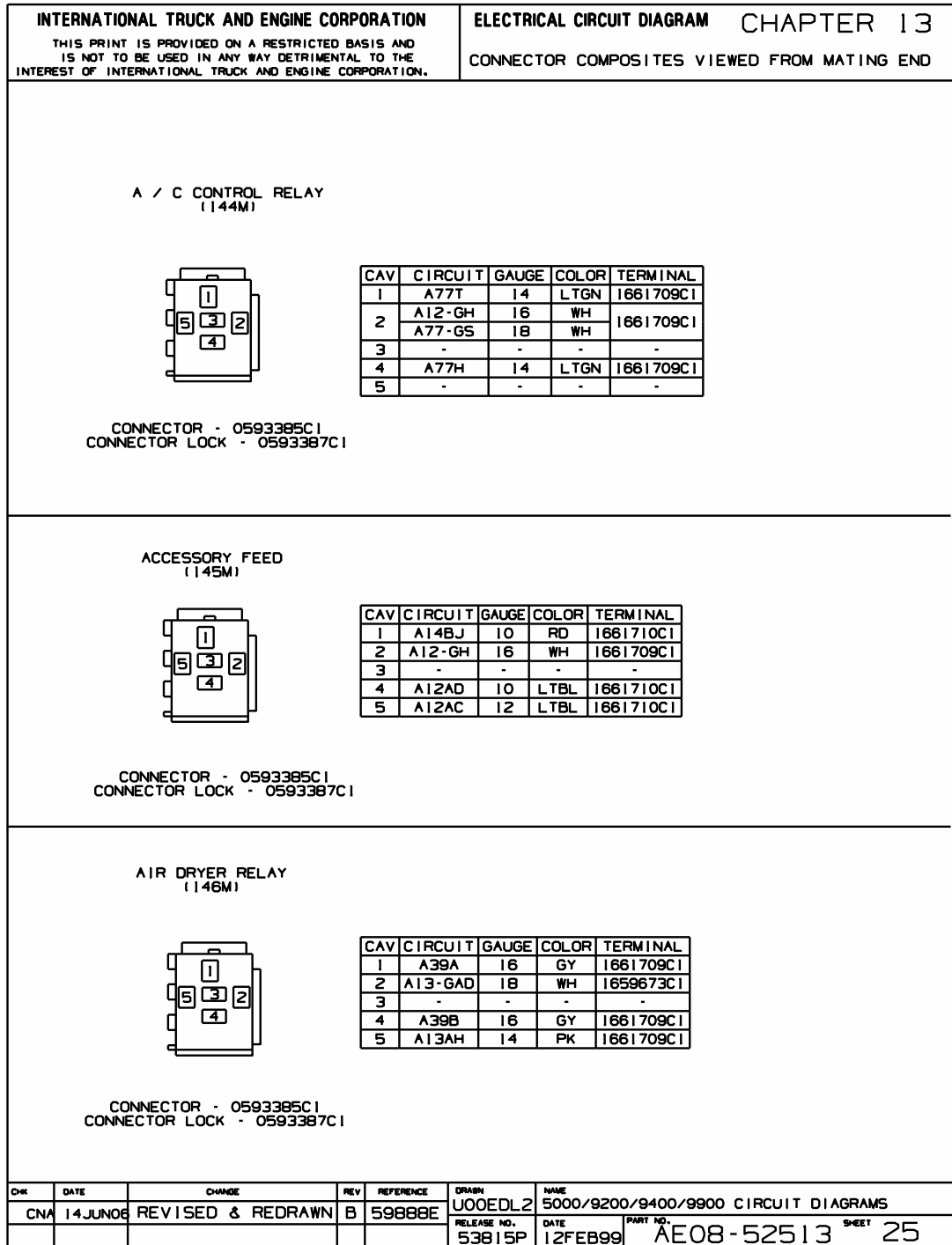


Figure 273 Connector Composites (144M), (145M), (146M)

13.29. CONNECTOR COMPOSITES (147), (148), (149), (150), P. 26

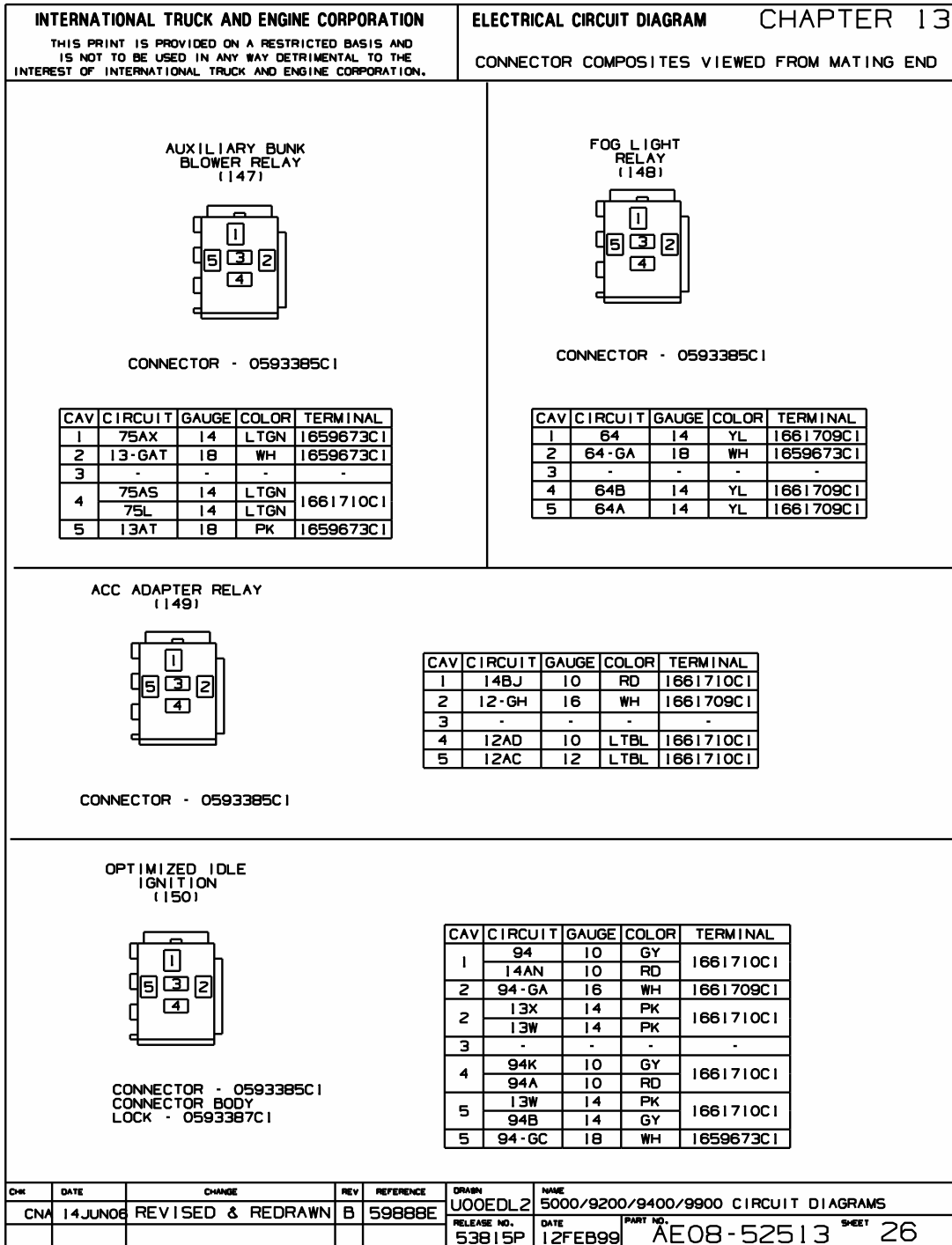


Figure 274 Connector Composites (147), (148), (149), (150)

13.30. CONNECTOR COMPOSITES (156), (157), P. 27

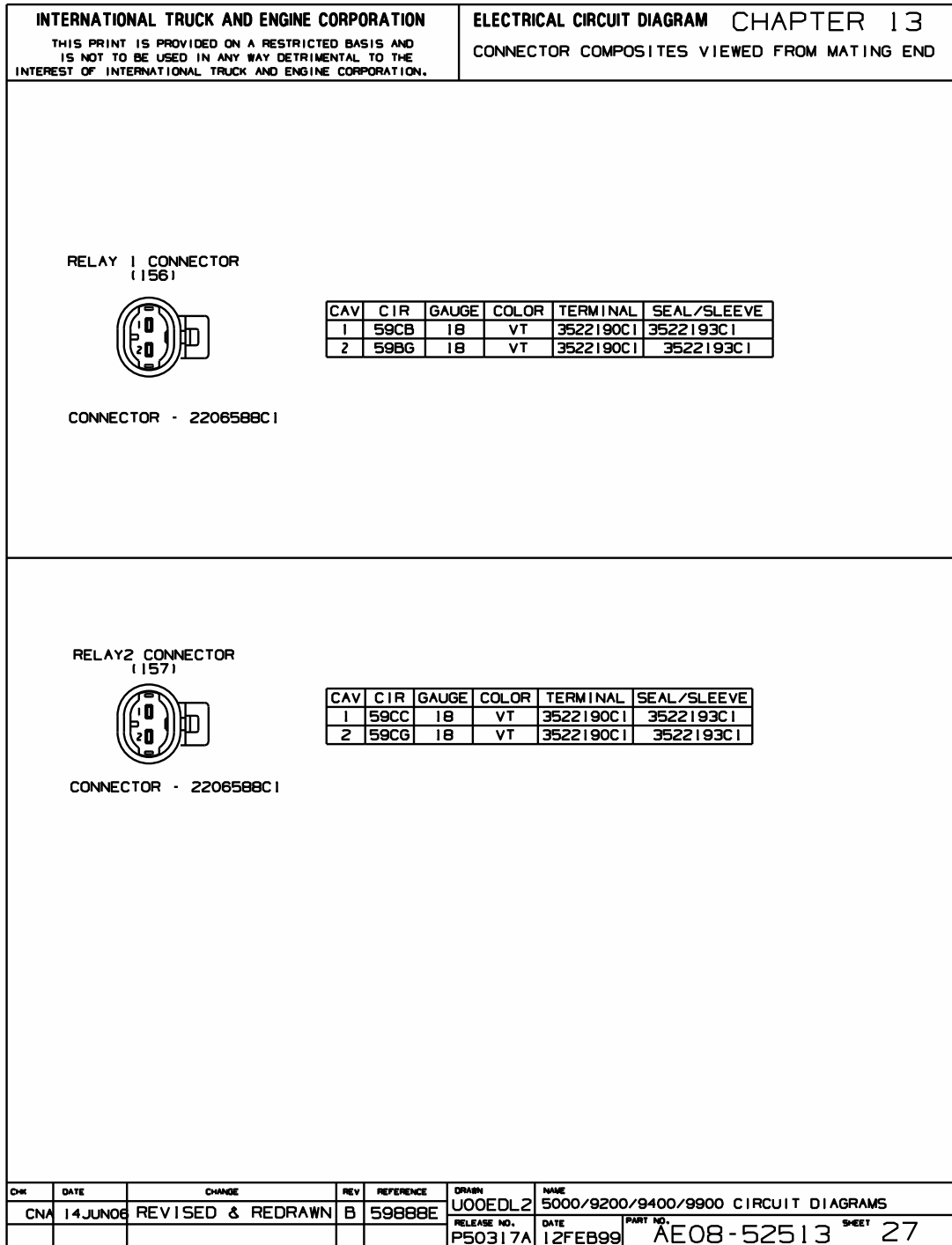


Figure 275 Connector Composites (156), (157)

13.31. CONNECTOR COMPOSITES (161M), (162), P. 28

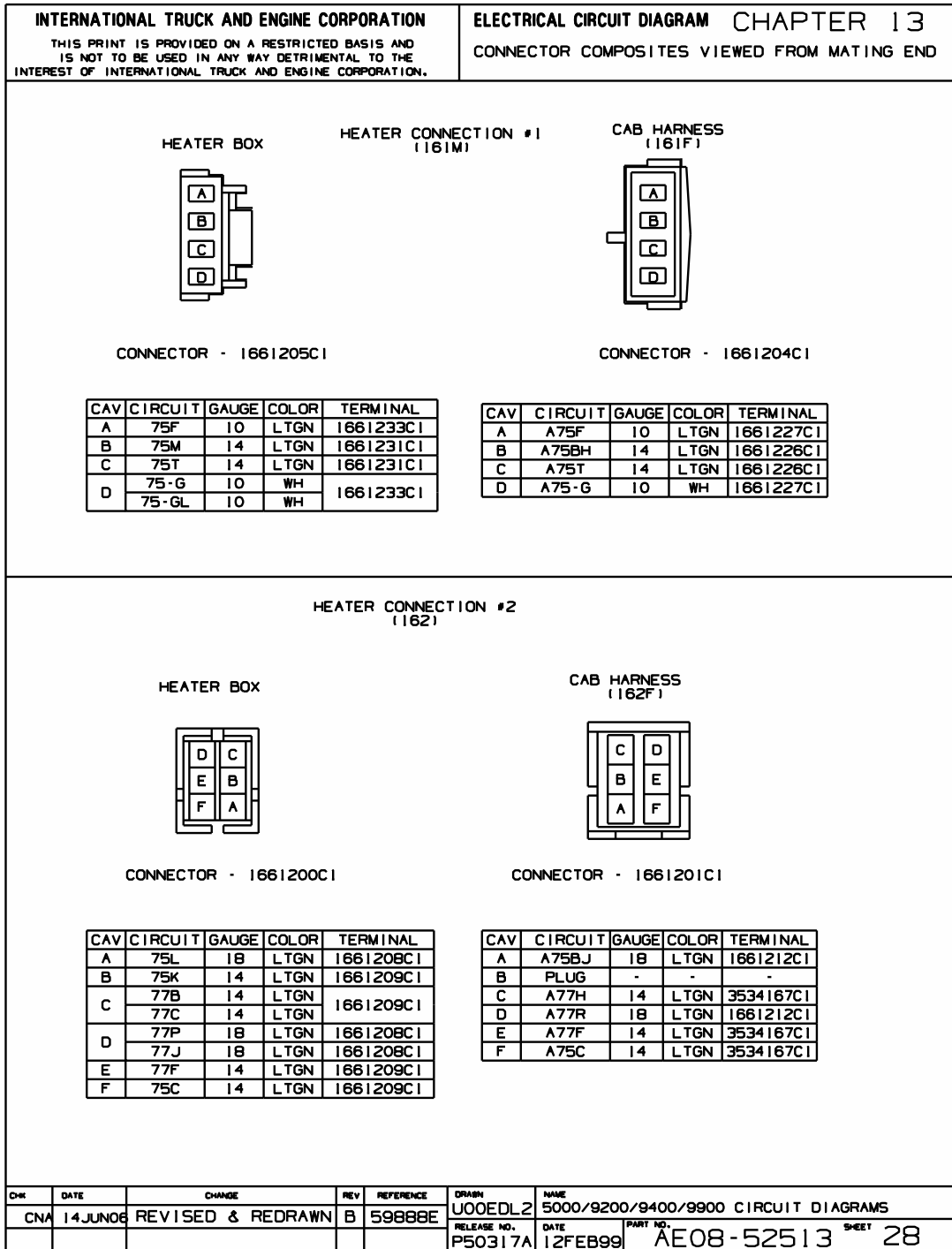


Figure 276 Connector Composites (161M), (162)

13.32. CONNECTOR COMPOSITES (165), (166), (167), (168), P. 29

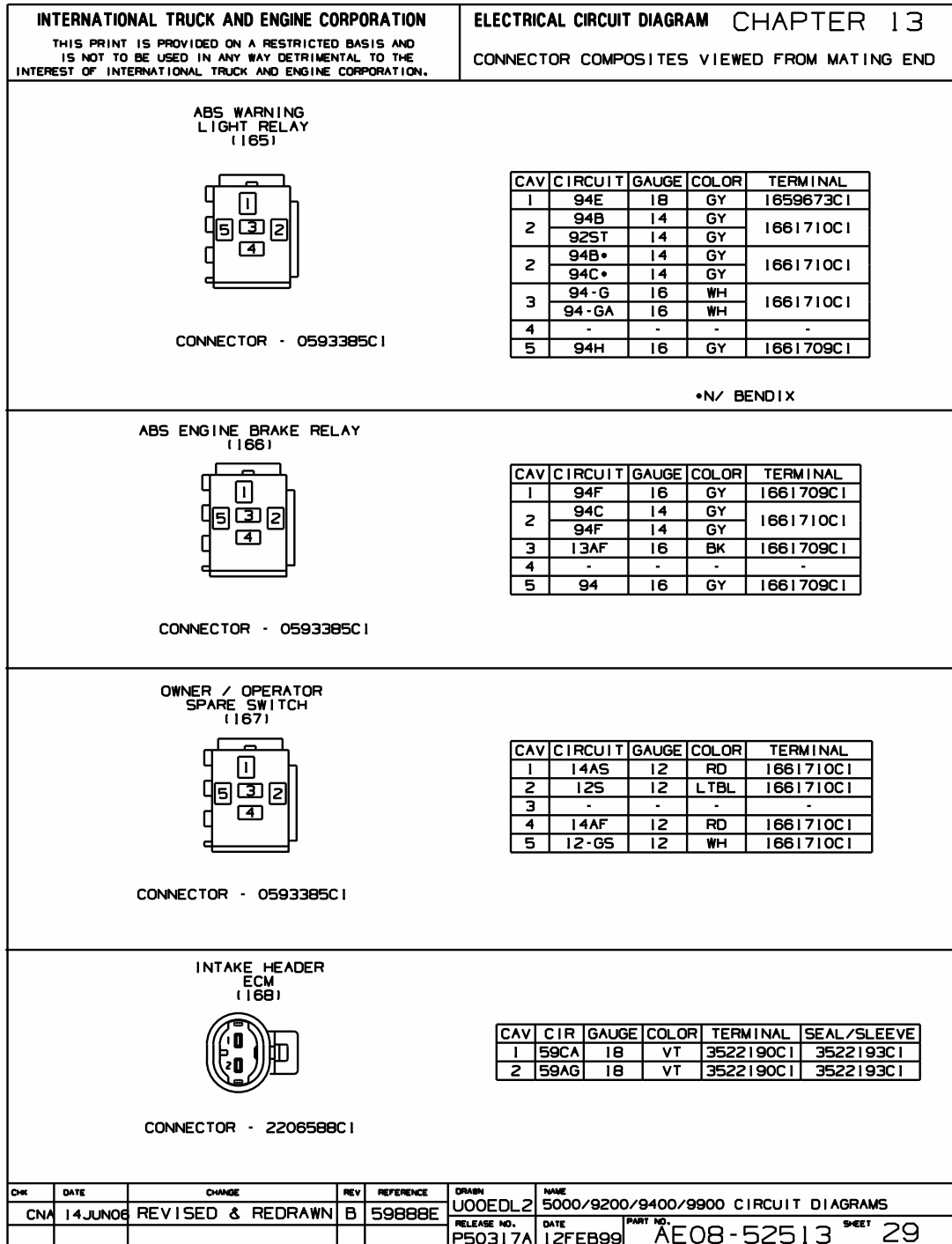


Figure 277 Connector Composites (165), (166), (167), (168)

13.33. CONNECTOR COMPOSITES (170), (170M), (171), (171M), (180), P. 30

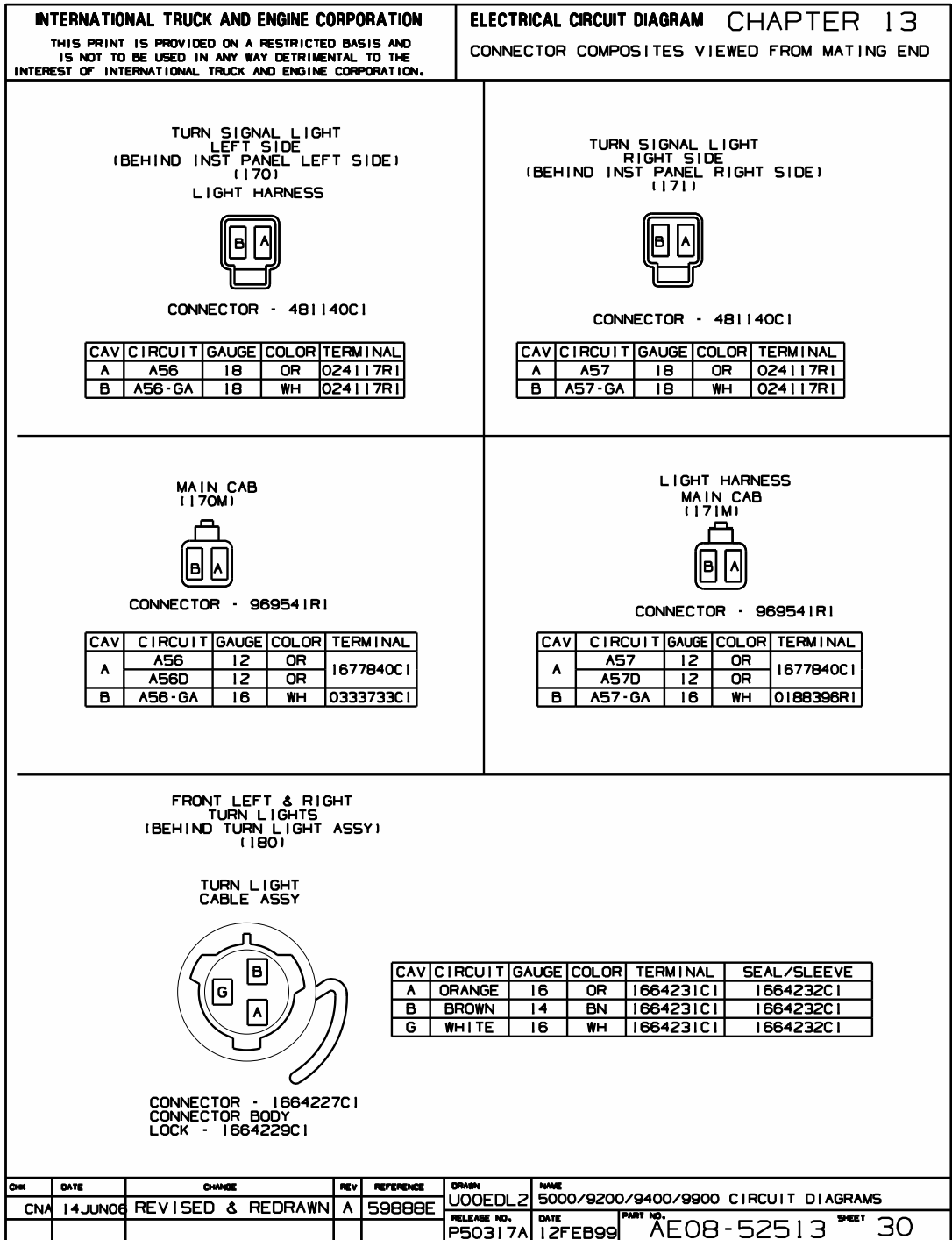


Figure 278 Connector Composites (170), (170M), (171), (171M), (180)

13.34. CONNECTOR COMPOSITE (190), P. 31

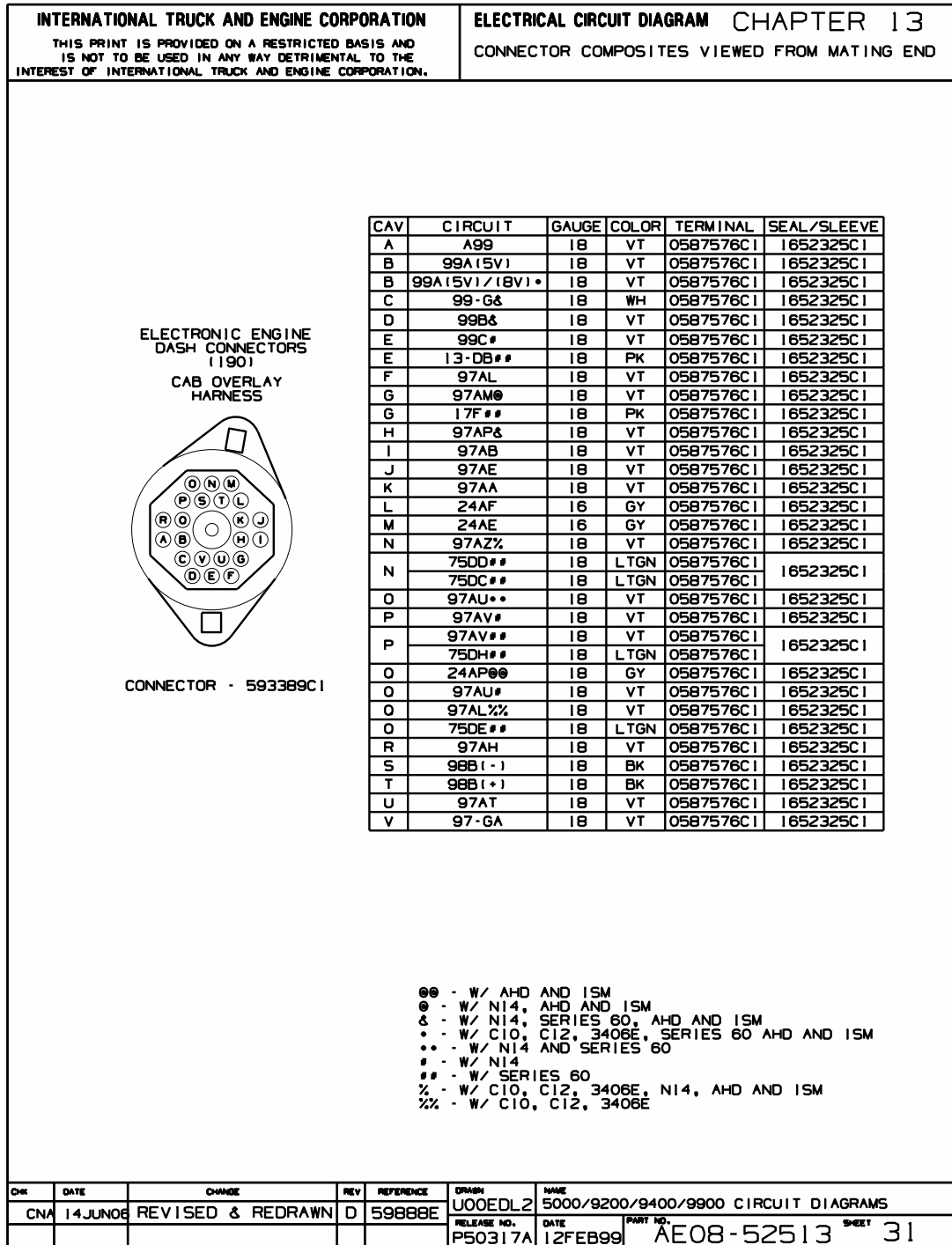


Figure 279 Connector Composite (190)

13.35. CONNECTOR COMPOSITE (190), P. 32

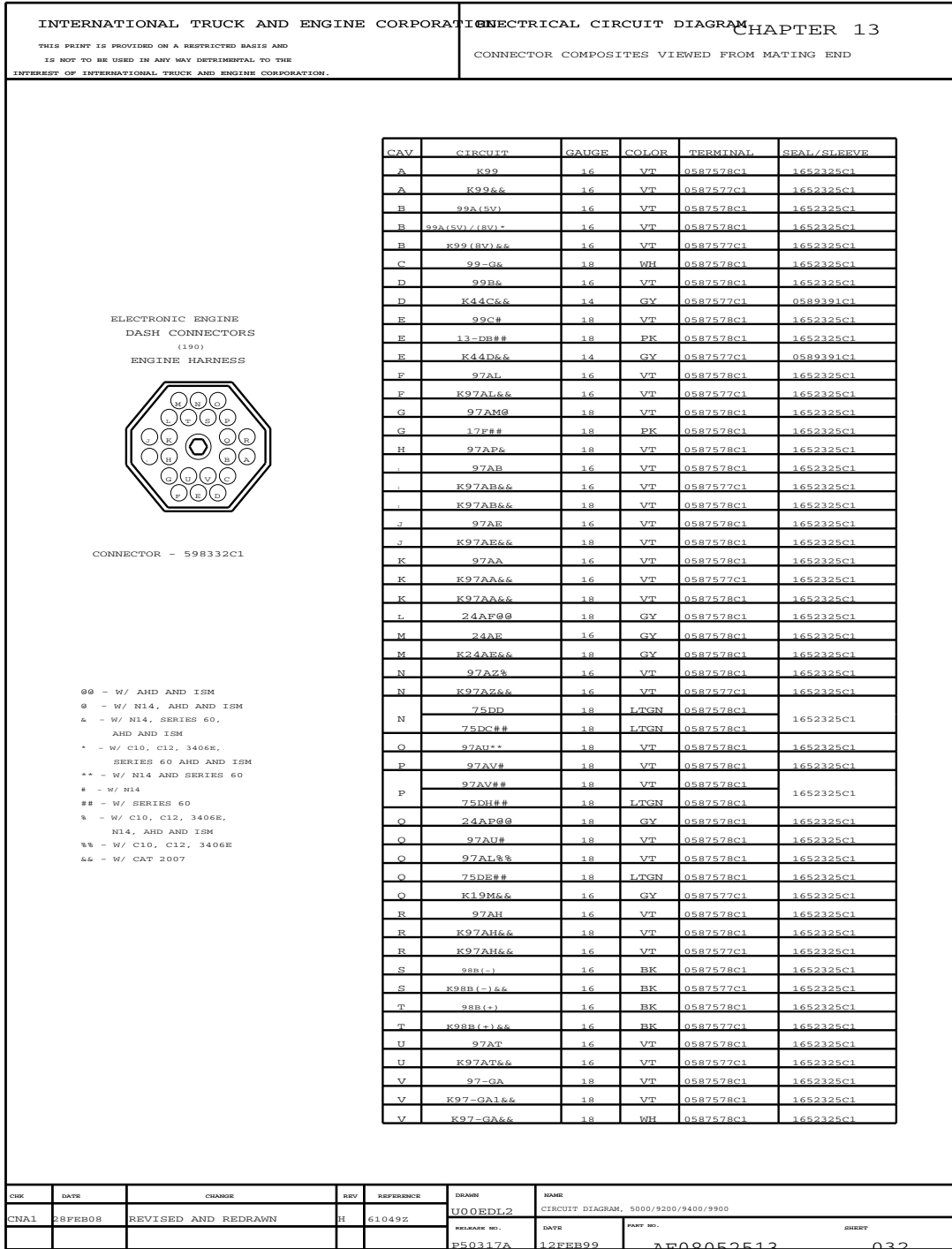


Figure 280 Connector Composite (190)

13.36. CONNECTOR COMPOSITE (190), P. 33

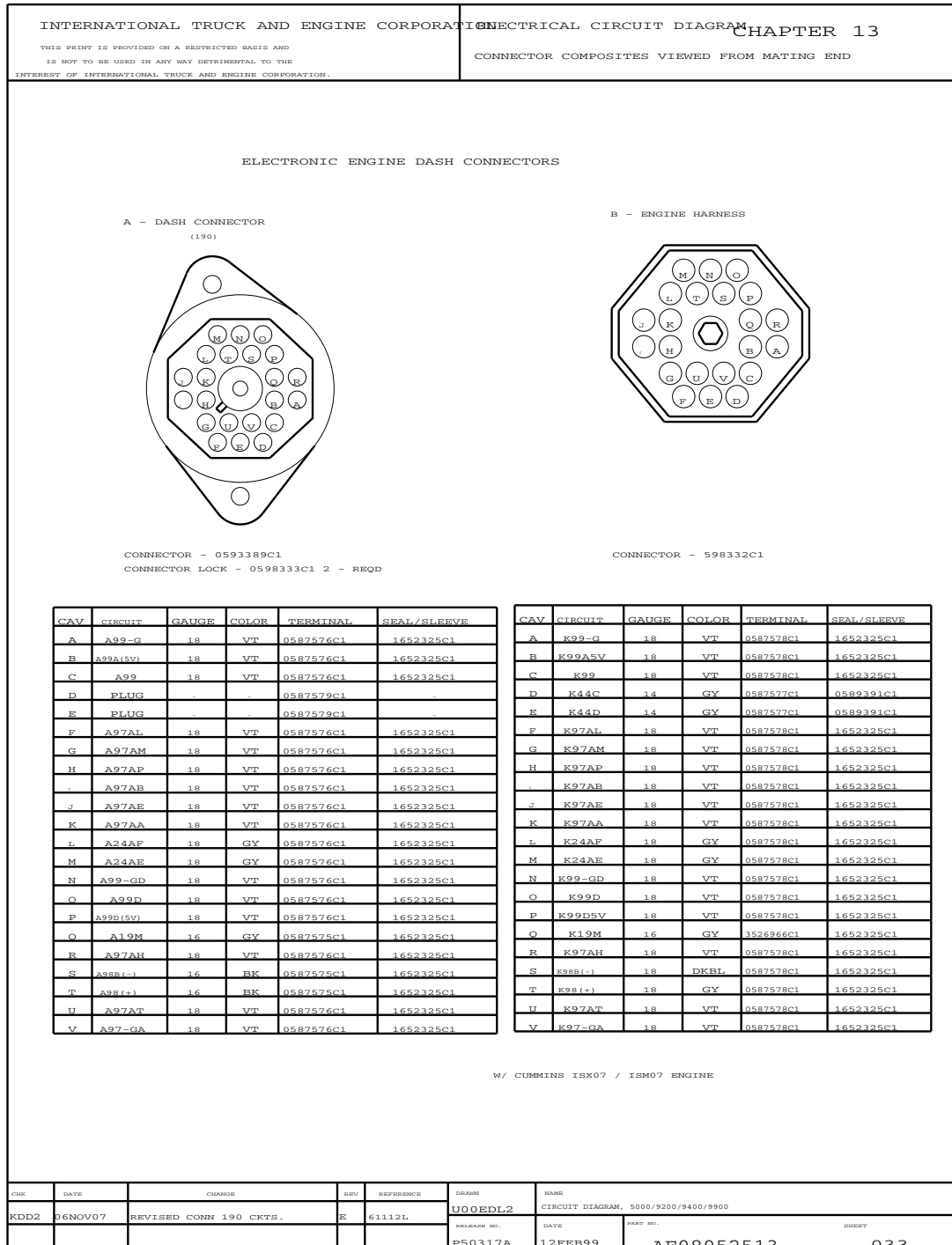


Figure 281 Connector Composite (190)

13.37. CONNECTOR COMPOSITES (196), (199), (200), (200M), (201), P. 34

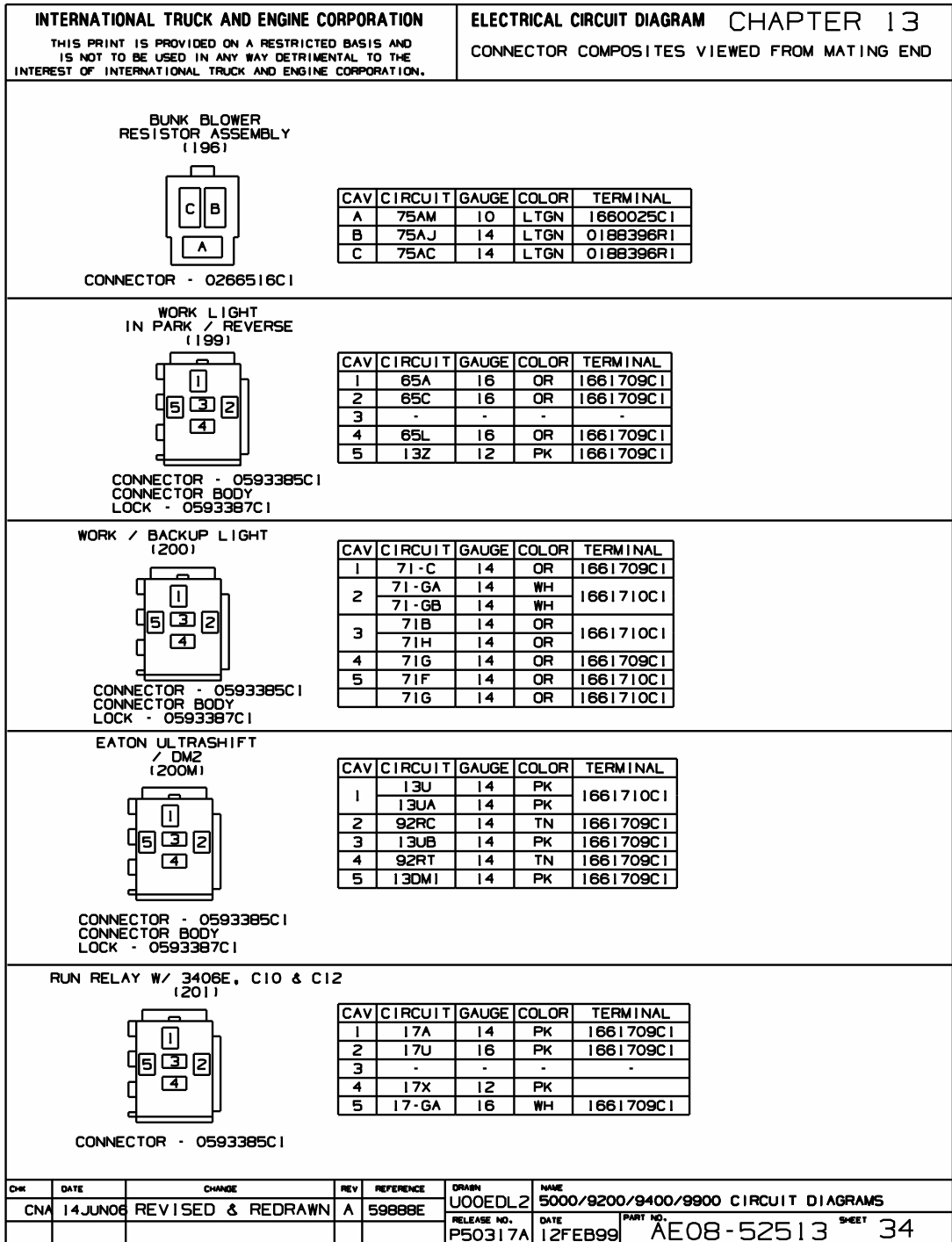


Figure 282 Connector Composites (196), (199), (200), (200M), (201)

13.38. CONNECTOR COMPOSITES (201M), (209), (211M), (212M), (214), (216), (217), P. 35

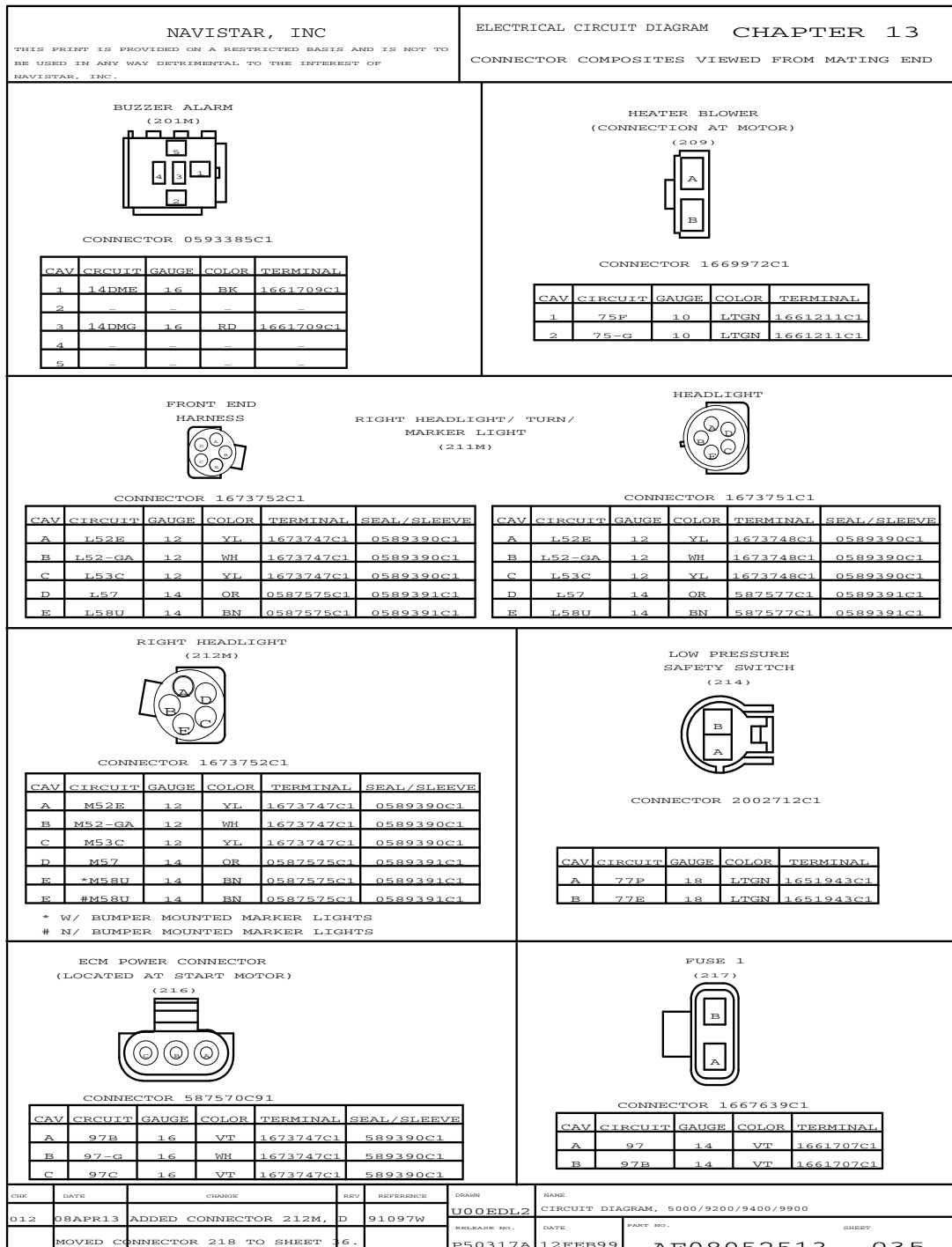


Figure 283 Connector Composites (201M), (209), (211M), (212M), (214), (216), (217)

13.39. CONNECTOR COMPOSITES (218), (220), (221), (227), (228), P. 36

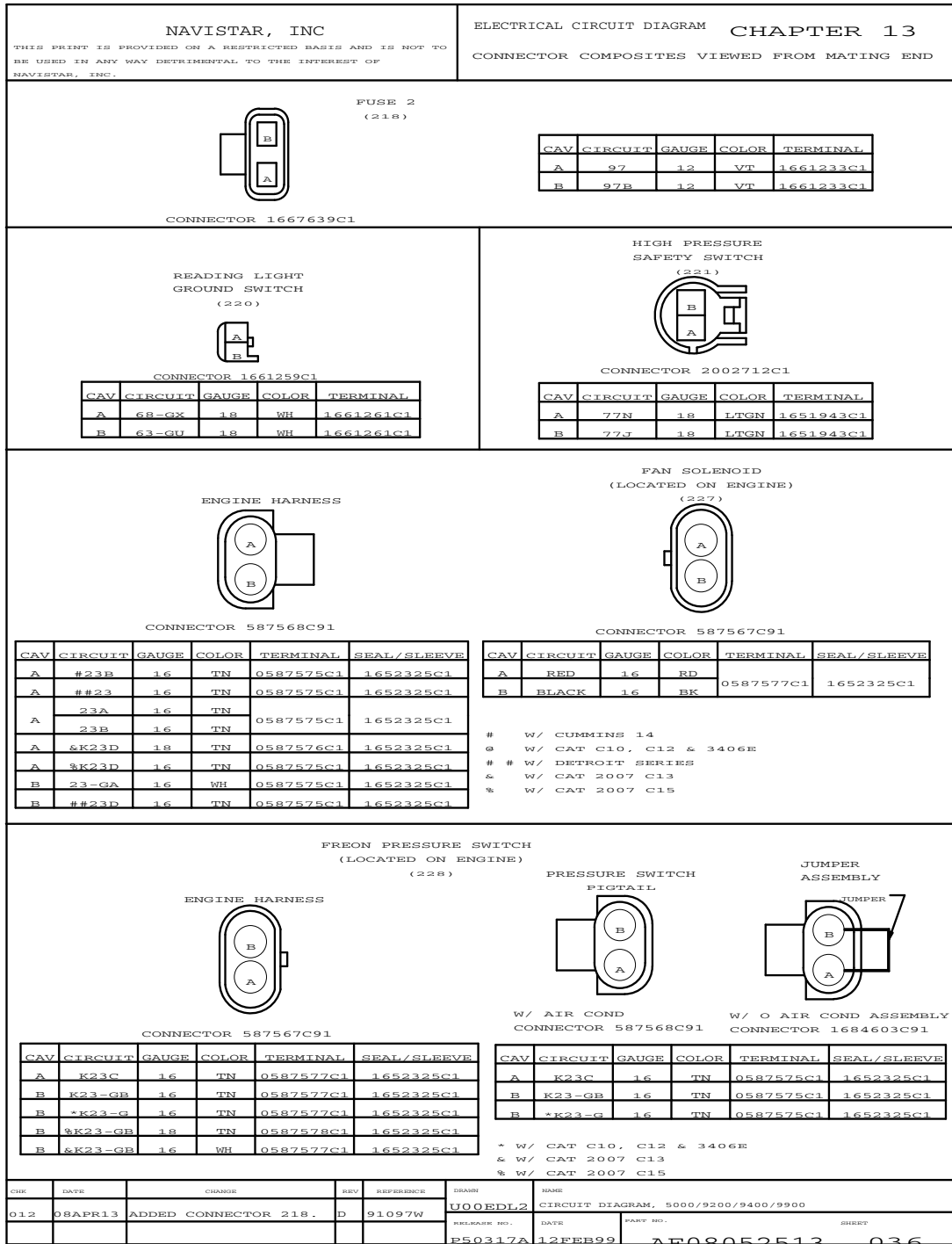


Figure 284 Connector Composites (218), (220), (221), (227), (228)

13.40. CONNECTOR COMPOSITES (229), (230), (231), (236), (236F), P. 37

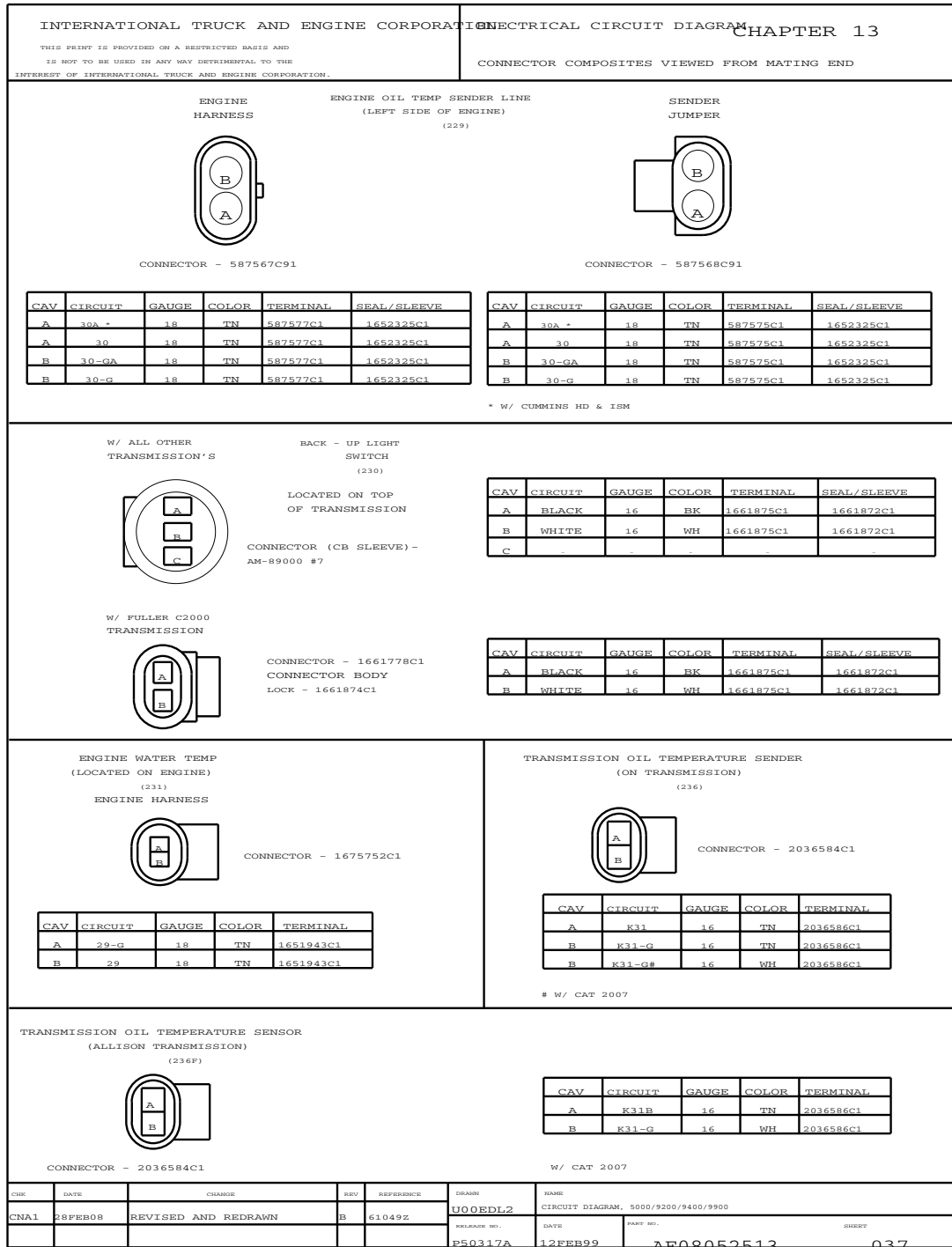


Figure 285 Connector Composites (229), (230), (231), (236), (236F)

13.41. CONNECTOR COMPOSITES (241M), (243), (244), (249), (250), (251), P. 38

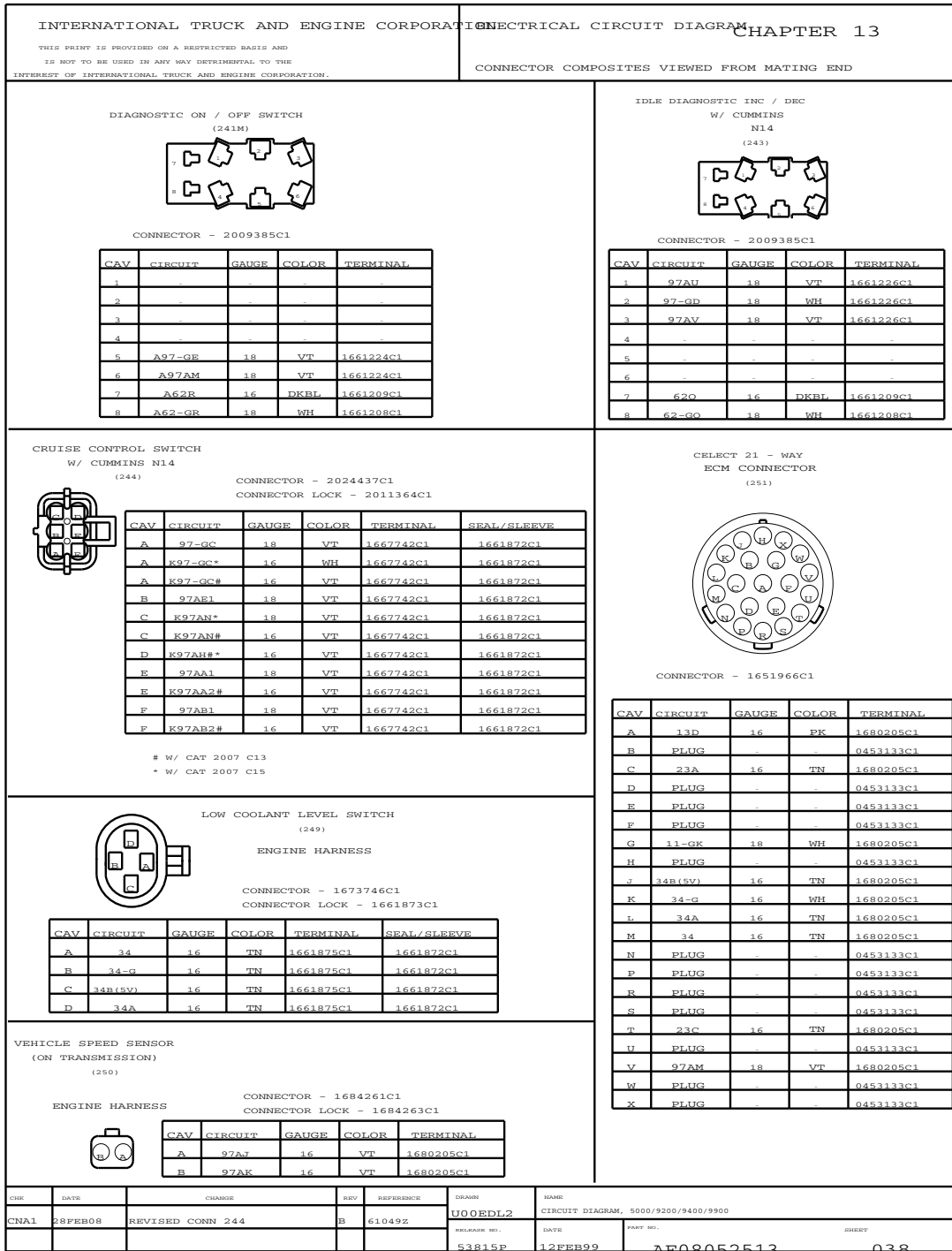


Figure 286 Connector Composites (241M), (243), (244), (249), (250), (251)

13.42. CONNECTOR COMPOSITES (252), (260) (267), P. 39

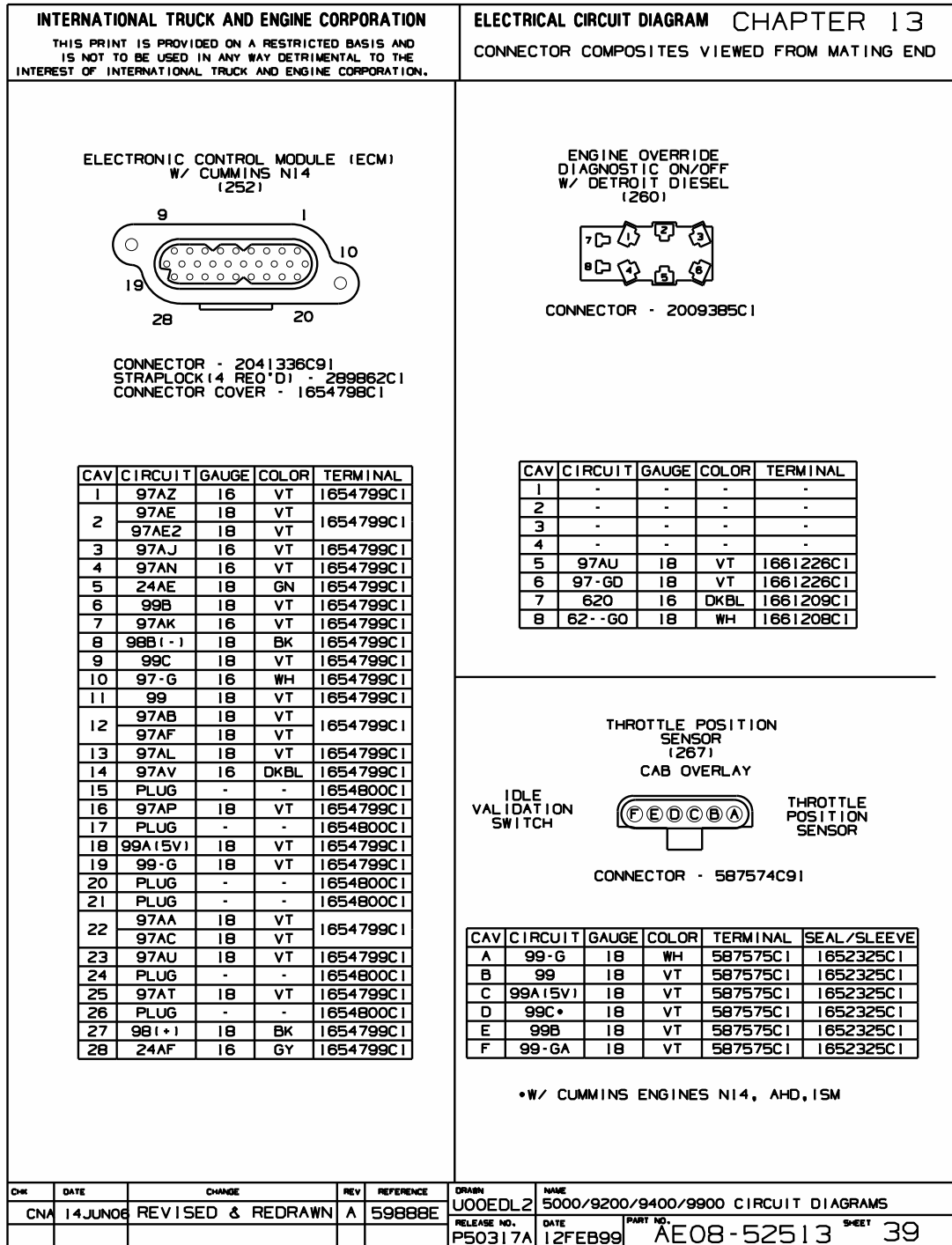
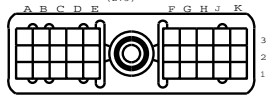


Figure 287 Connector Composites (252), (260) (267)

13.43. CONNECTOR COMPOSITES (268), (273), (275), (278), (282), (289), P. 40

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 VIEWED FROM MATING END			

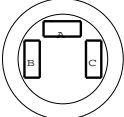
DETROIT DIESEL
(273)



CONNECTOR - 1687787C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A1	PLUG	-	-	1687788C1
A2	23D	16	TN	1651943C1
A3	99A(9V)	16	VT	1651943C1
B1	97AT	16	VT	1651943C1
B2	97AP	16	VT	1651943C1
B3	13D	16	PK	1651943C1
C1	98B(-)	16	BK	1651943C1
C2	98(+)	16	BK	1651943C1
C3	99-G	18	WH	1651943C1
D1	PLUG	-	-	1687788C1
D2	99	16	VT	1651943C1
D3	PLUG	-	-	1687788C1
E1	99B	18	VT	1651943C1
E2	97AV	16	VT	1651943C1
E3	97AK	16	VT	1651943C1
F1	23C	16	TN	1651943C1
F2	97AE	18	VT	1651943C1
F3	A3DB	77	77	1651943C1
G1	97AU	16	VT	1651943C1
G2	97AL	16	VT	1651943C1
G3	97AA	16	VT	1651943C1
	97AC	16	VT	1651943C1
H1	PLUG	-	-	1687788C1
H2	97AV	16	VT	1651943C1
H3	34	16	TN	1651943C1
J1	97AB	16	VT	1651943C1
	97AF	16	VT	1651943C1
J2	97AH	16	VT	1651943C1
	97AM	16	VT	1651943C1
J3	PLUG	-	-	1687788C1
K1	PLUG	-	-	1687788C1
K2	24AE	16	GY	1651943C1
K3	24AF	16	GY	1651943C1

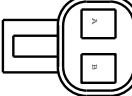
DETROIT DIESEL IDLE TIMER
(268)
CAB OVERLAY



CONNECTOR - 1661777C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A				
B	97AV	16	VT	1675832C1
	97BC	18	VT	1675832C1
C	97-GE	18	VT	1675832C1

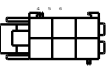
DETROIT DIESEL LOW COOLANT SWITCH
(278)
ENGINE HARNESS



CONNECTOR - 1671610C1
CONNECTOR LOCK - 1671608C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	34	16	TN	1661377C1	1652325C1
B	34-G	16	WH	1661377C1	1652325C1


WABCO CAB ABS ECU
(282)



CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	94WH	18	LTBL	1680205C1
2	94WJ	18	VT	1680205C1
3	94WK	18	LTGN	1680205C1
4	94WC	18	BK	1680205C1
5	94WD	18	BN	1680205C1
6				

CONNECTOR - 2005240C1
CONNECTOR LOCK - 2005242C1

THERMAL OVERCRANK PROTECTION
(AT STARTER - OPTIONAL)
(275)
ENGINE HARNESS




CONNECTOR - 2036583C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	K17D	16	PK	2036586C1
B	K17C	16	PK	2036586C1
E	K17E#	16	PK	2036586C1

W/ CAT 2007

ABS LEFT FRONT WHEEL SPEED SENSOR
(AT FRONT LEFT WHEEL)
(289)
ABS FRONT CHASSIS



CONNECTOR - 1684261C1
CONNECTOR LOCK - 1684263C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	GY	18	BK	1661377C1
	WH	18	BK	1661377C1
2	OR	18	BK	1661377C1
	WH	18	BK	1661377C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	28FEB08	ADDED CIRC K17E FOR	C	61049Z	U00EDL2	CIRCUIT DIAGRAM, 5000/9200/9400/9900
CONN 275					RELEASE NO.	DATE
					P50317A	12FEB99
						PART NO.
						AB08052513
						040

13.44. CONNECTOR COMPOSITES (290), (291), (292), (293), (294), (296), P. 41

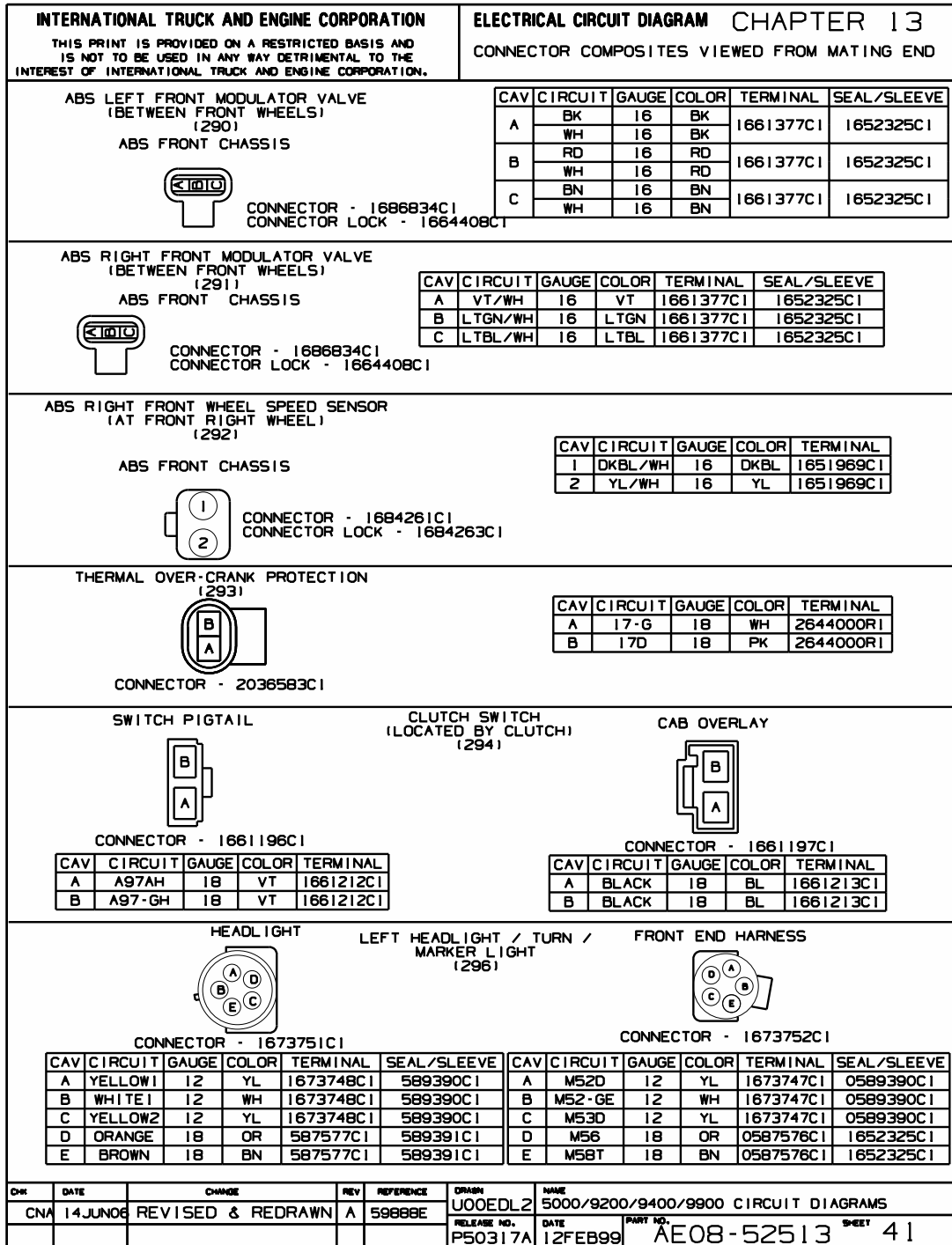


Figure 289 Connector Composites (290), (291), (292), (293), (294), (296)

13.45. CONNECTOR COMPOSITES (296M), (298), (303F2), (303M2), (311), P. 42

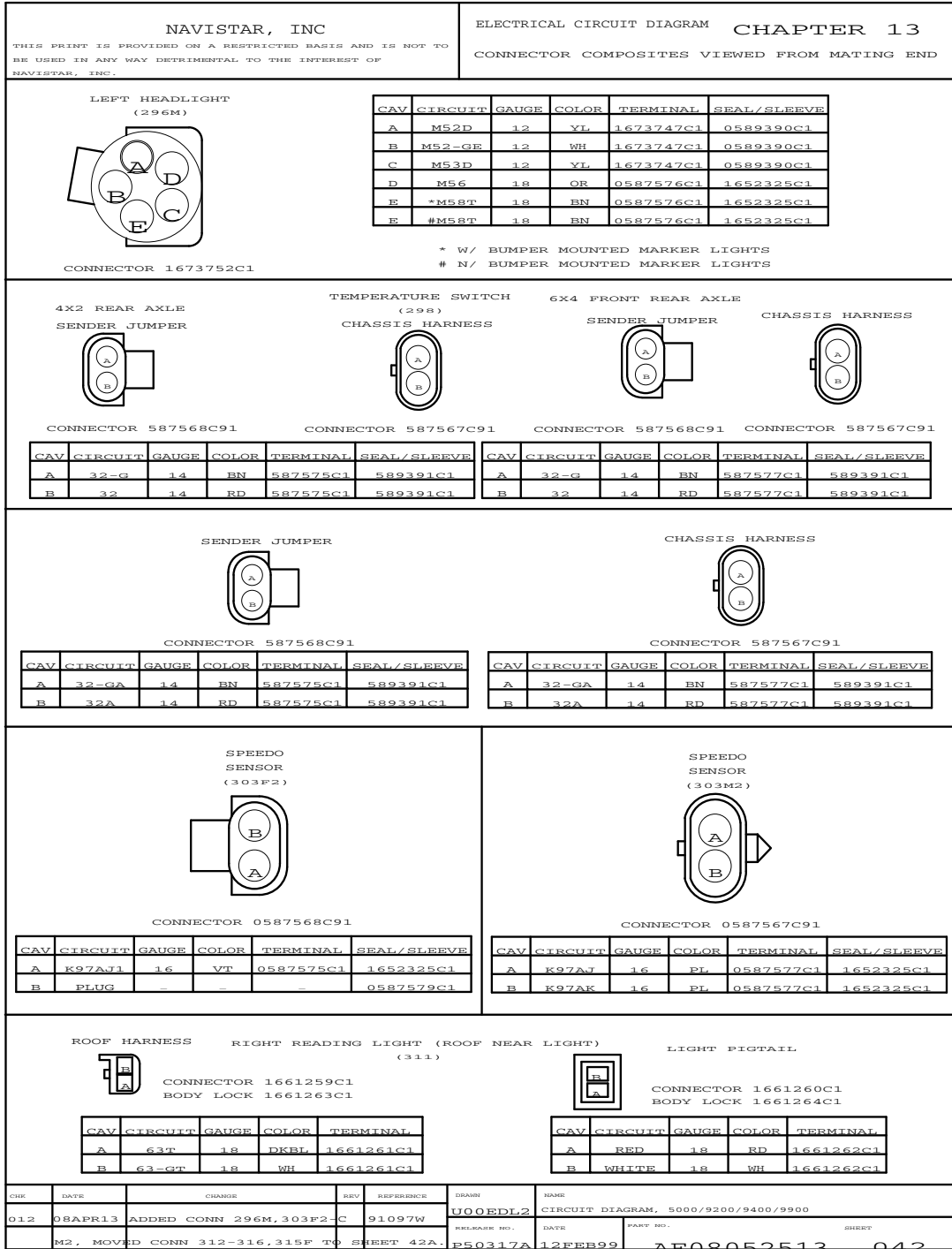


Figure 290 Connector Composites (296M), (298), (303F2), (303M2), (311)

13.46. CONNECTOR COMPOSITES (312), (313), (315), (316), (315F), (316M), (316M1), (316M2), P. 42A

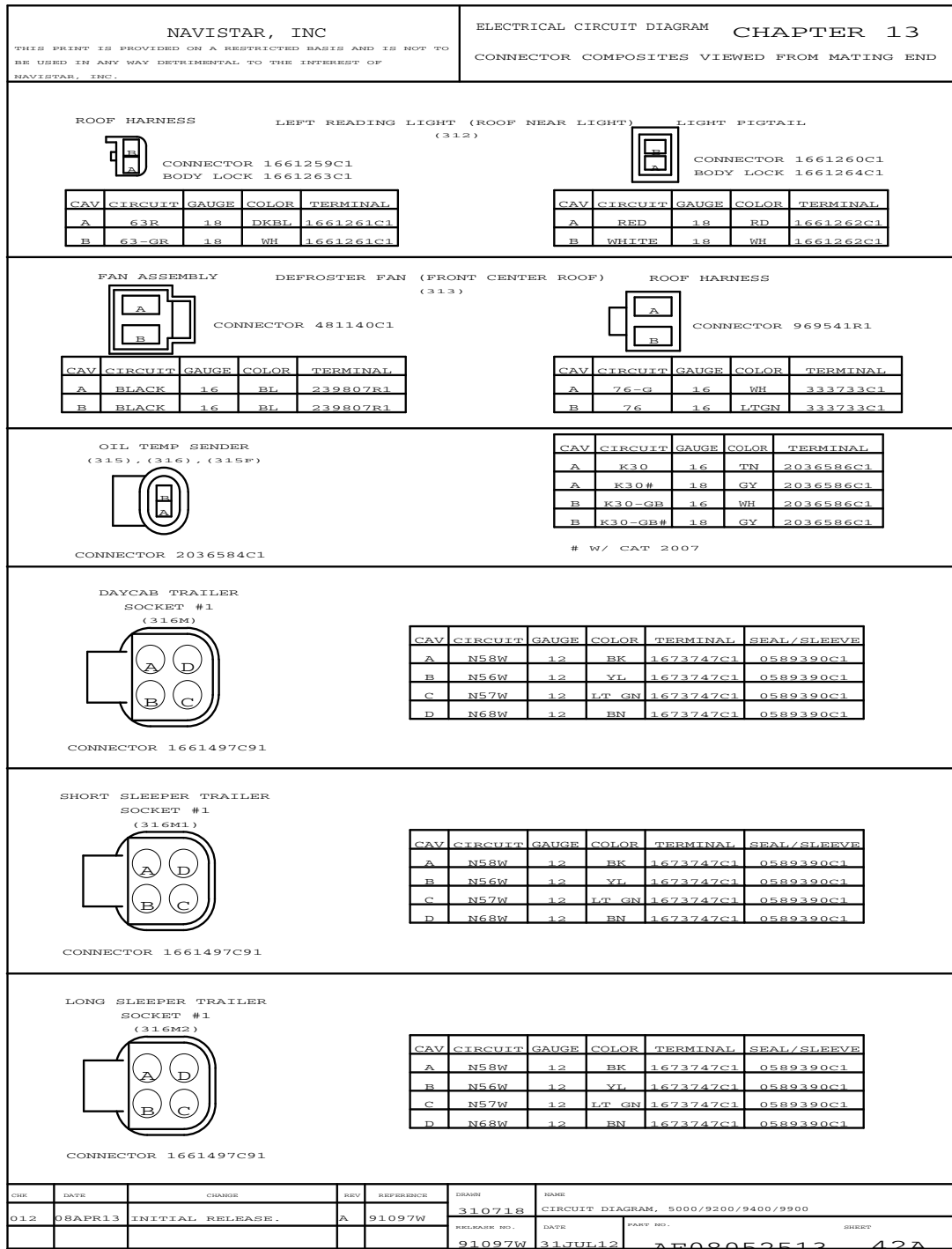


Figure 291 Connector Composites (312), (313), (315), (316), (315F), (316M), (316M1), (316M2)

13.47. CONNECTOR COMPOSITES (320), (321), (322), (323), P. 43

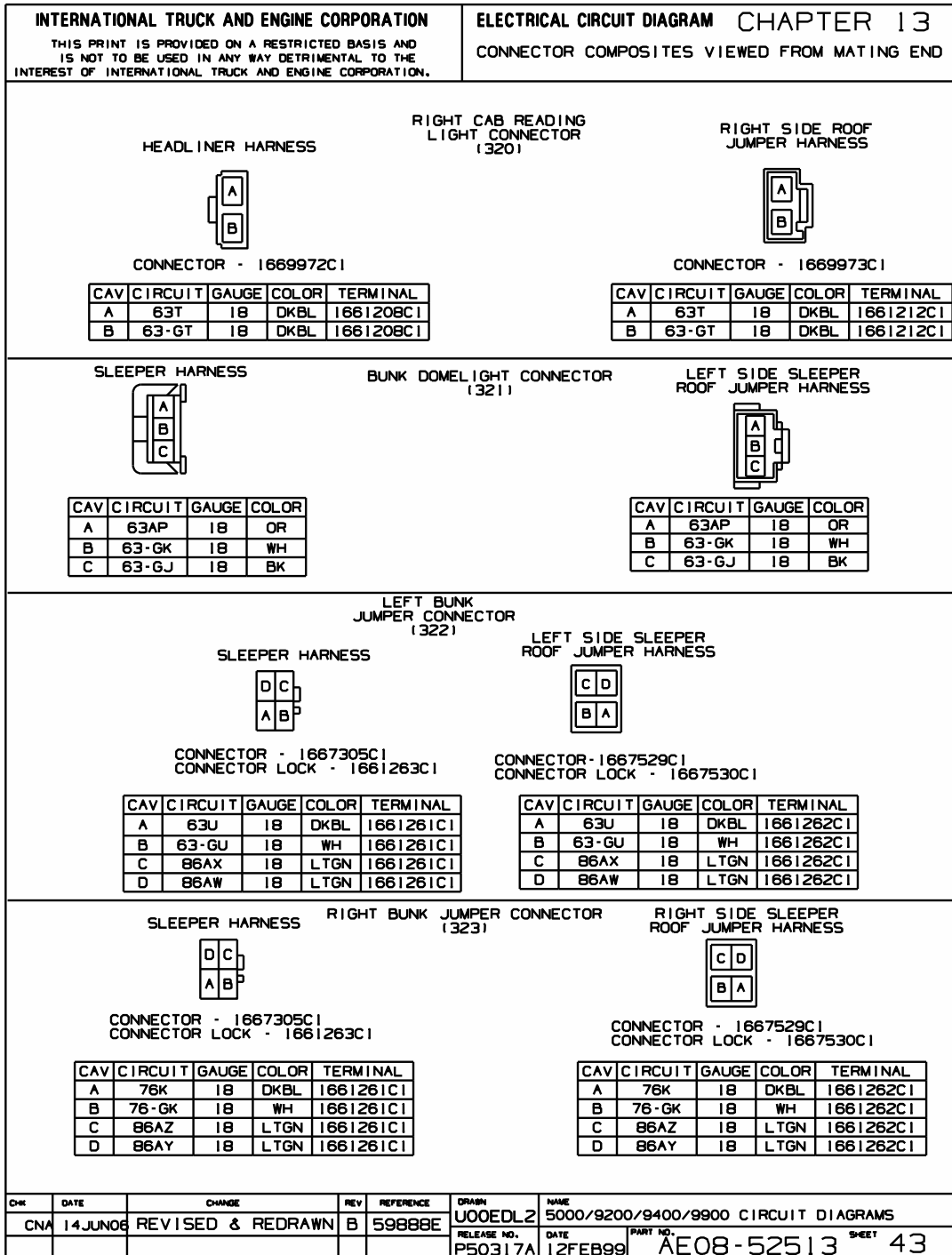


Figure 292 Connector Composites (320), (321), (322), (323)

13.48. CONNECTOR COMPOSITES (318F), (318F1), (318F2), (319F), (319F2), (319F3), (340), P. 43A

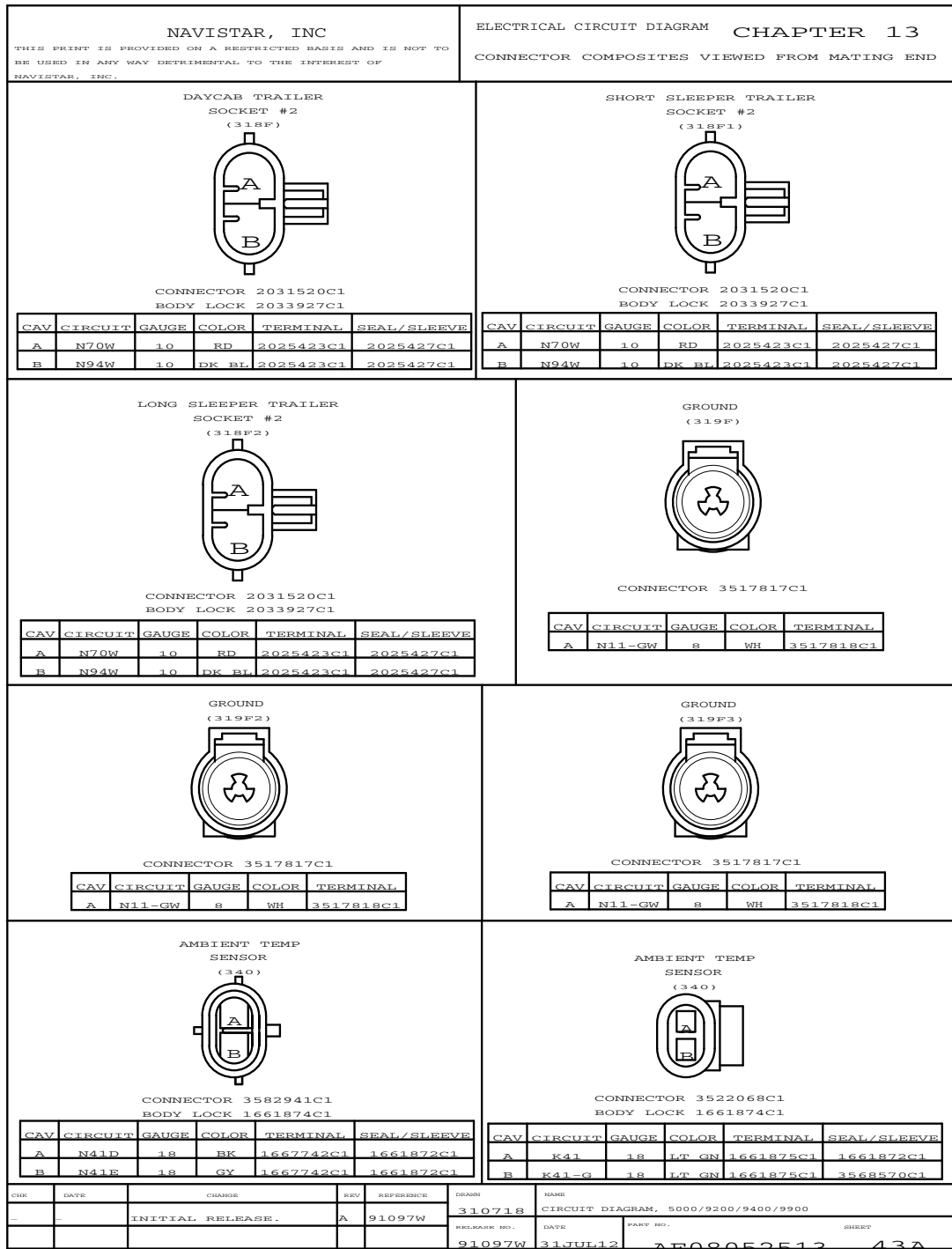


Figure 293 Connector Composites (318F), (318F1), (318F2), (319F), (319F2), (319F3), (340)

13.49. CONNECTOR COMPOSITES (325), (345), (350), (351), (352), (353), P. 44

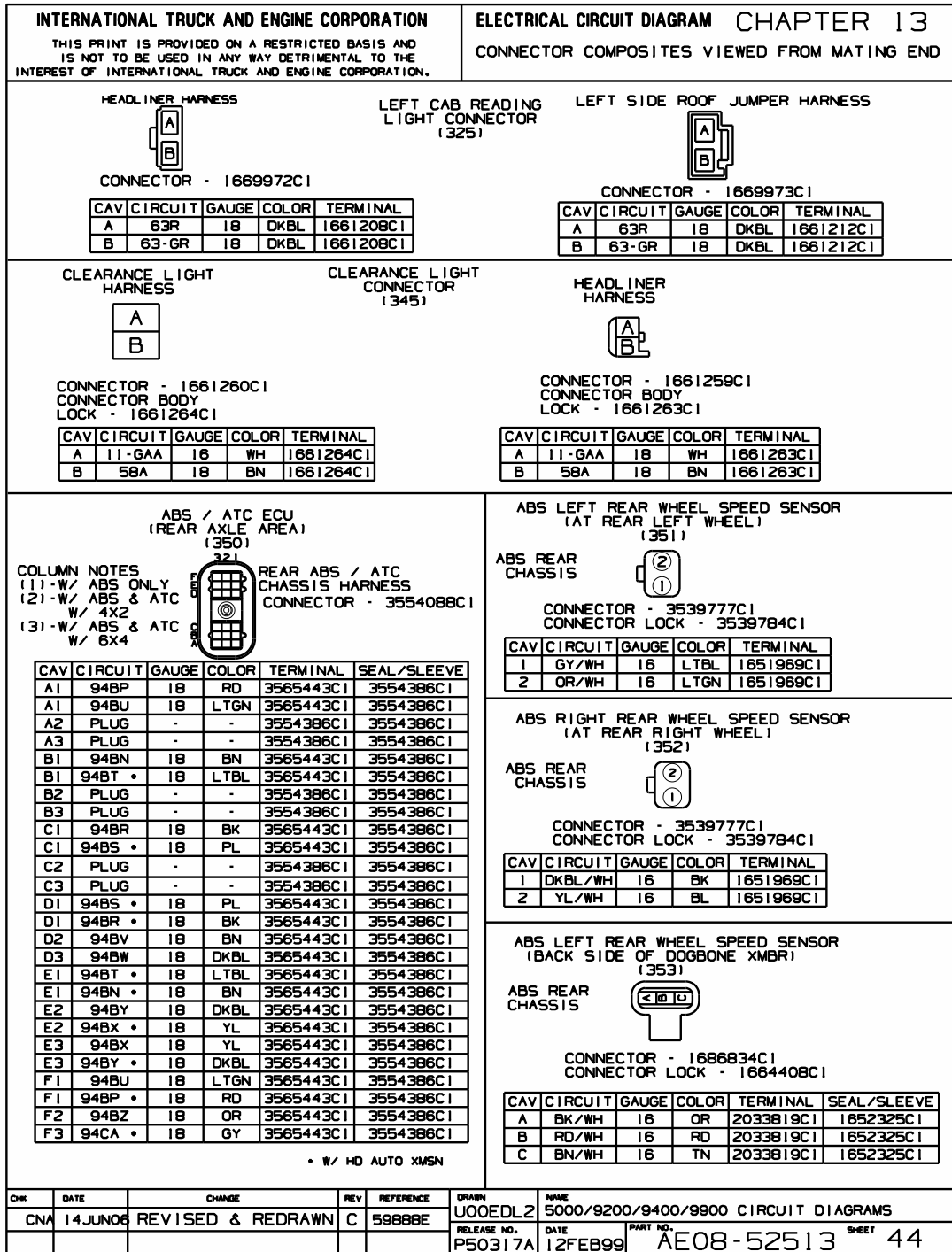


Figure 294 Connector Composites (325), (345), (350), (351), (352), (353)

13.50. CONNECTOR COMPOSITES (354), (355), (360), (363), P. 45

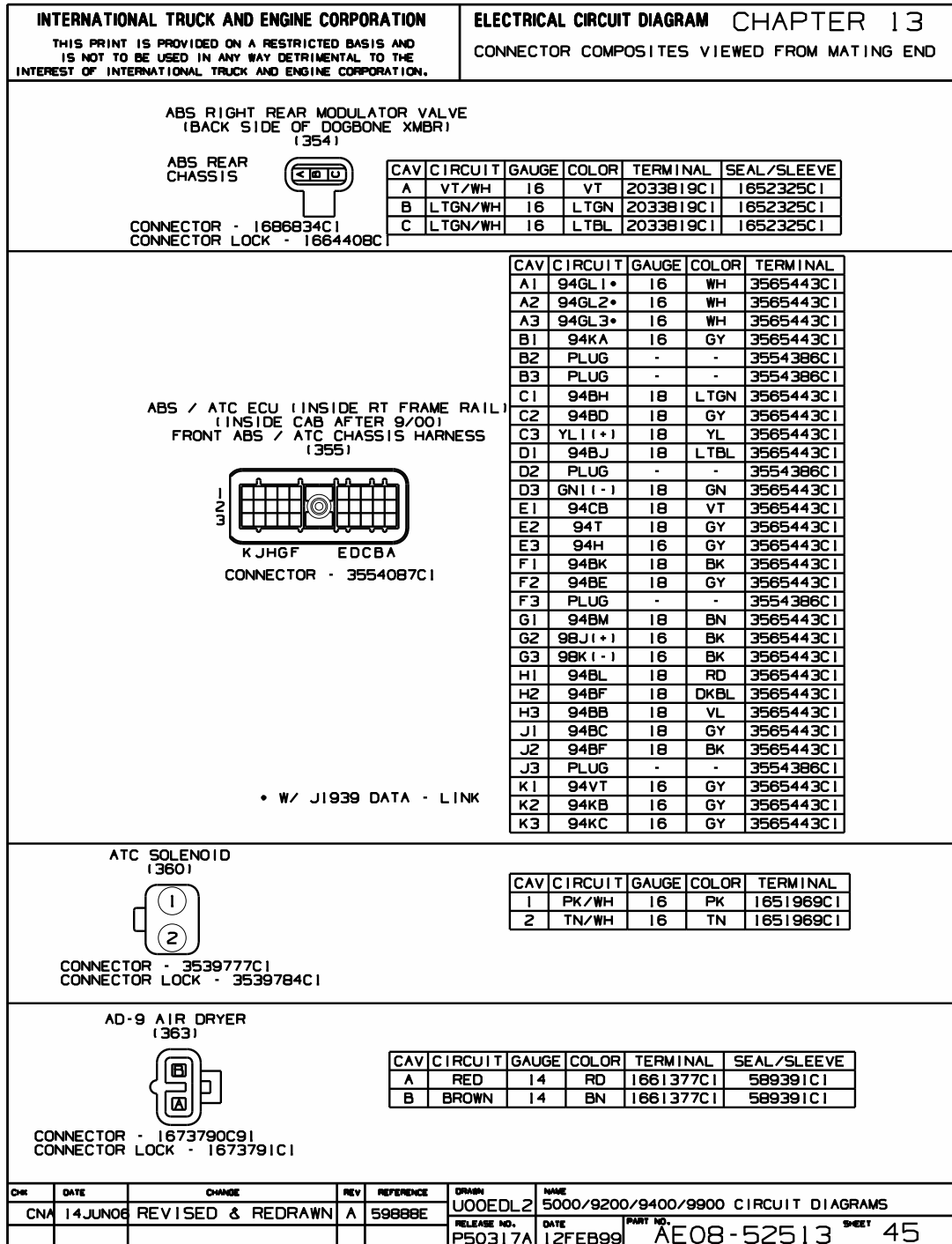


Figure 295 Connector Composites (354), (355), (360), (363)

13.51. CONNECTOR COMPOSITES (379), (393), (393F), (396), P. 46

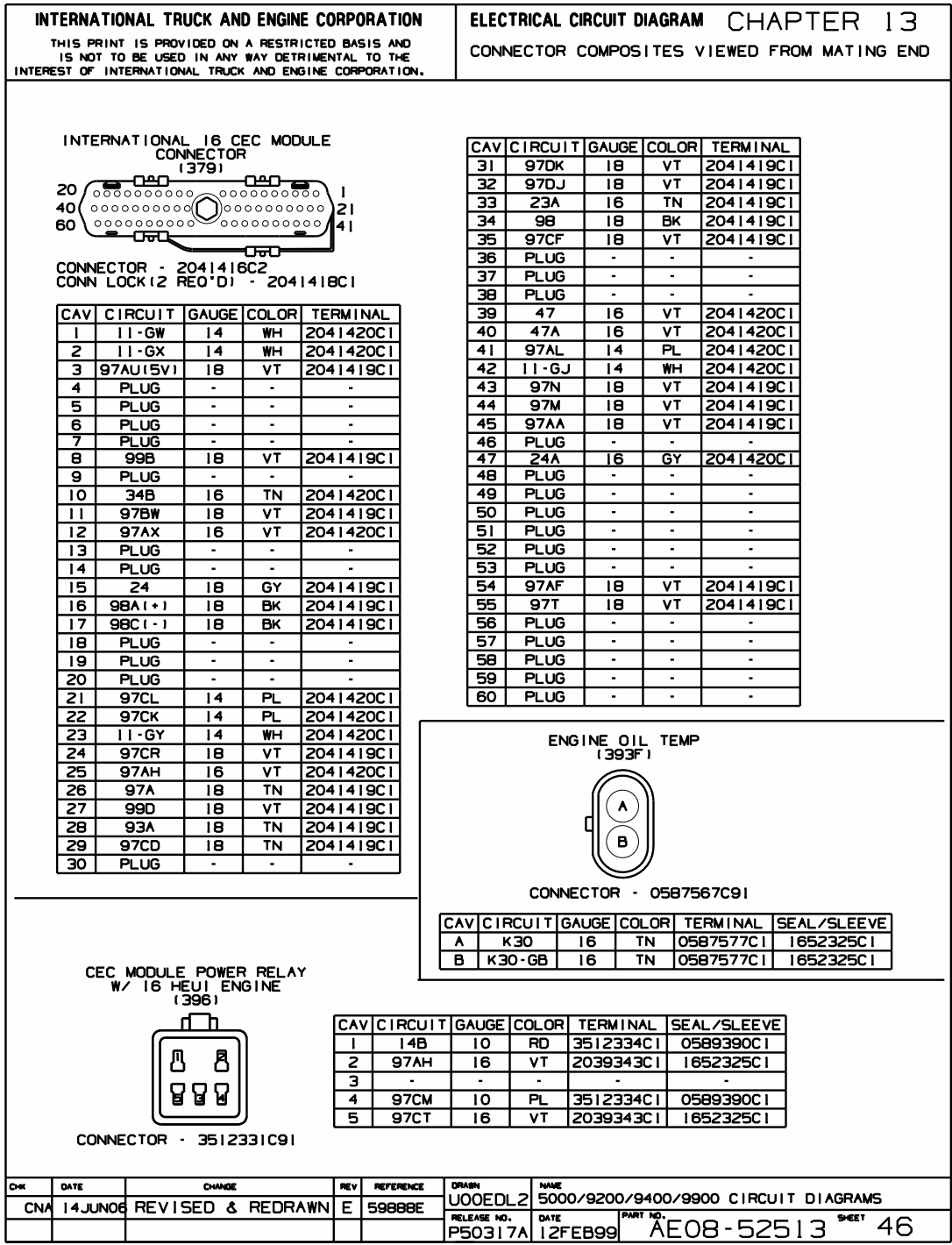


Figure 296 Connector Composites (379), (393), (393F), (396)

13.52. CONNECTOR COMPOSITES (400), (402), P. 47

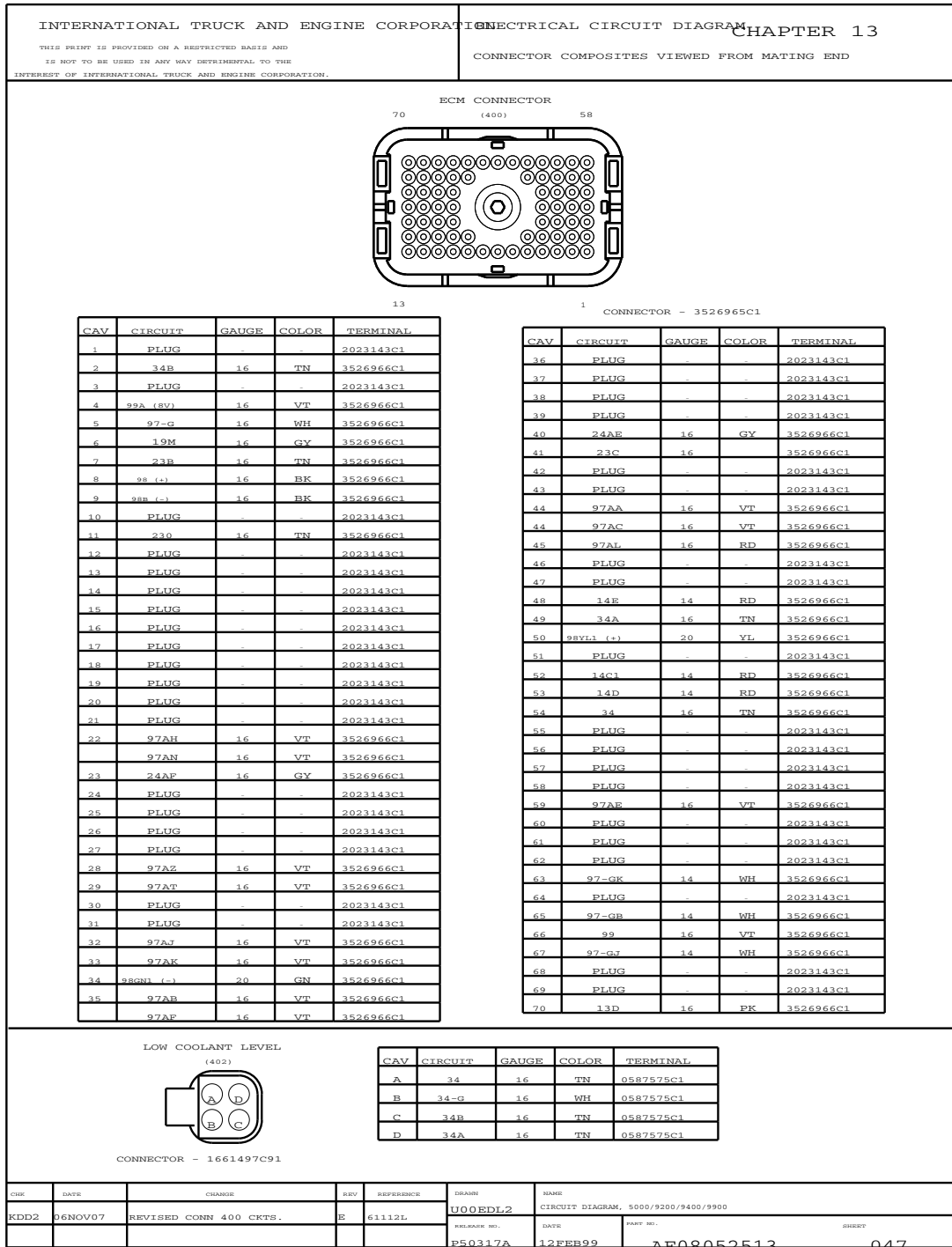
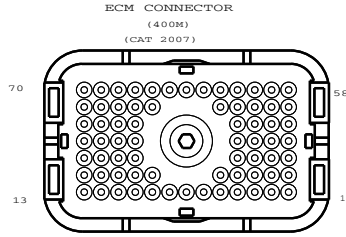


Figure 297 Connector Composites (400), (402)

13.53. CONNECTOR COMPOSITES (400M), (402), P. 47A

CONNECTOR COMPOSITES VIEWED FROM MATING END



CONNECTOR - 3526965C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	PLUG	-	-	2023143C1
2	K34B	16	TN	3526966C1
3	PLUG	-	-	2023143C1
4	K99 (8V)	16	VT	3526966C1
5	K97-GA*	18	WH	3526966C1
5	K97-GAB#	18	WH	3526966C1
6	K19M	16	GY	3526966C1
7	K23B	18	TN	3526966C1
8	K98 (+)	16	BK	3526966C1
9	K98B (-)	16	BK	3526966C1
10	K21B	16	TN	3526966C1
11	PLUG	-	-	2023143C1
12	PLUG	-	-	2023143C1
13	PLUG	-	-	2023143C1
14	PLUG	-	-	2023143C1
15	PLUG	-	-	2023143C1
16	PLUG	-	-	2023143C1
17	PLUG	-	-	2023143C1
18	PLUG	-	-	2023143C1
19	PLUG	-	-	2023143C1
20	PLUG	-	-	2023143C1
21	K23D*	16	TN	3526966C1
21	K23D#	18	TN	3526966C1
22	K97AH*	16	VT	3526966C1
22	K97AN*	16	VT	3526966C1
22	K97AH#	18	VT	3526966C1
22	K97AN#	18	VT	3526966C1
23	K24AE	18	GY	3526966C1
24	PLUG	-	-	2023143C1
25	PLUG	-	-	2023143C1
26	PLUG	-	-	2023143C1
27	PLUG	-	-	2023143C1
28	K97AZ	16	VT	3526966C1
29	K97AT	16	VT	3526966C1
30	PLUG	-	-	2023143C1
31	PLUG	-	-	2023143C1
32	K97AJ	16	VT	3526966C1
32	#K97AJ	18	VT	3526966C1
33	#K97AK	18	VT	3526966C1
33	K97AK	16	VT	3526966C1
34	K98GN2	20	GN	3547816C1
35	K97AB1@	16	VT	3526966C1
35	K97AB&	18	VT	3526966C1
35	K97CB&	18	VT	3526966C1
36	PLUG	-	-	2023143C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
37	PLUG	-	-	2023143C1
38	PLUG	-	-	2023143C1
39	PLUG	-	-	2023143C1
40	K24AE	18	GY	3526966C1
41	K23C**	16	TN	3526966C1
41	K23AC##	16	TN	3526966C1
42	PLUG	-	-	2023143C1
43	PLUG	-	-	2023143C1
44	K97AA&	18	VT	3526966C1
44	K97CA&	18	VT	3526966C1
44	K97AA1@	16	VT	3526966C1
44	K97AA1@	18	VT	3526966C1
45	K97AL	16	VT	3526966C1
46	PLUG	-	-	2023143C1
47	PLUG	-	-	2023143C1
48	K14D1	14	RD	3526966C1
49	K34A	16	TN	3526966C1
50	K98YL2	20	YL	3547816C1
51	PLUG	-	-	2023143C1
52	K14D2	14	RD	3526966C1
53	K14D3	14	RD	3526966C1
54	K34	16	TN	3526966C1
55	K14D4	14	RD	3526966C1
56	PLUG	-	-	2023143C1
57	PLUG	-	-	2023143C1
58	PLUG	-	-	2023143C1
59	K97AE	18	VT	3526966C1
60	PLUG	-	-	2023143C1
61	PLUG	-	-	2023143C1
62	PLUG	-	-	2023143C1
63	K97-GK	14	WH	3526966C1
64	PLUG	-	-	2023143C1
65	K97-GB	14	WH	3526966C1
66	K99	16	VT	3526966C1
67	K97-GT	14	WH	3526966C1
68	PLUG	-	-	2023143C1
69	K97-GL	14	WH	3526966C1
70	K13D	16	PK	3526966C1

- * W/ CAT 2007 C13
- # W/ CAT 2007 C15
- @ W/ ROCKWELL SHIFT & CRUISE
- & W/ CRUISE CONTROL, N/ REMOTE CRUISE
- % W/ REMOTE CRUISE
- ** W/ FAN OVERRIDE
- ## W/ FAN OVERRIDE & APADS



LOW COOLANT SENSOR (402)

CONNECTOR - 1673746C1
BODY LOCK - 1661873C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K34	16	TN	1661875C1	1661872C1
B	K34-G*	16	WH	1661875C1	1661872C1
B	K34-G#	18	WH	1661875C1	1661872C1
C	K34B	16	TN	1661875C1	1661872C1
D	K34A	16	TN	1661875C1	1661872C1

- * W/ CAT 2007 C13
- # W/ CAT 2007 C15

Figure 298 Connector Composites (400M), (402)

13.54. CONNECTOR COMPOSITES (404), (406), (409), (417), (425M), P. 48

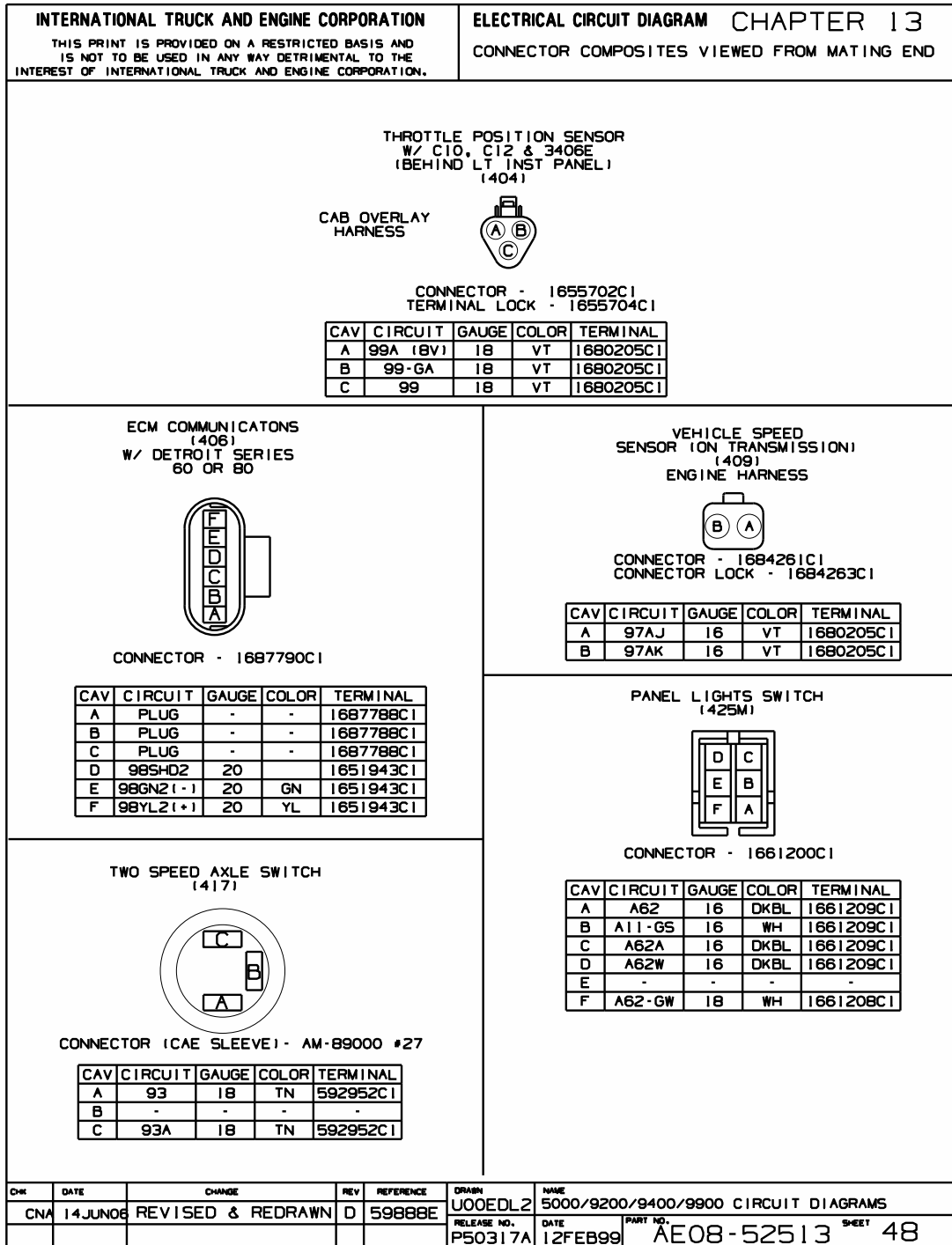


Figure 299 Connector Composites (404), (406), (409), (417), (425M)

13.55. CONNECTOR COMPOSITES (426M), (427), (428F), P. 49

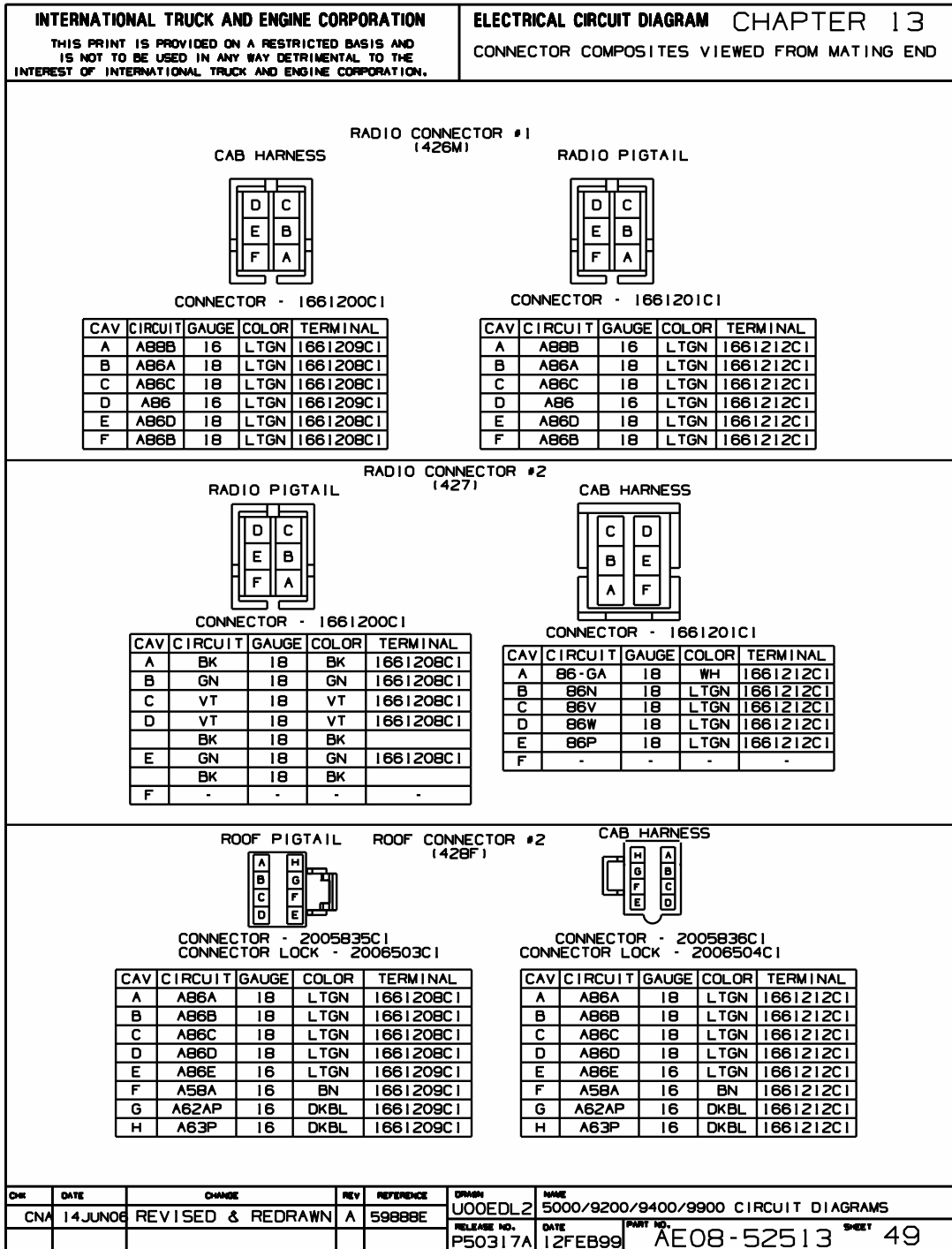


Figure 300 Connector Composites (426M), (427), (428F)

13.56. CONNECTOR COMPOSITES (429F), (430), (433M), P. 50

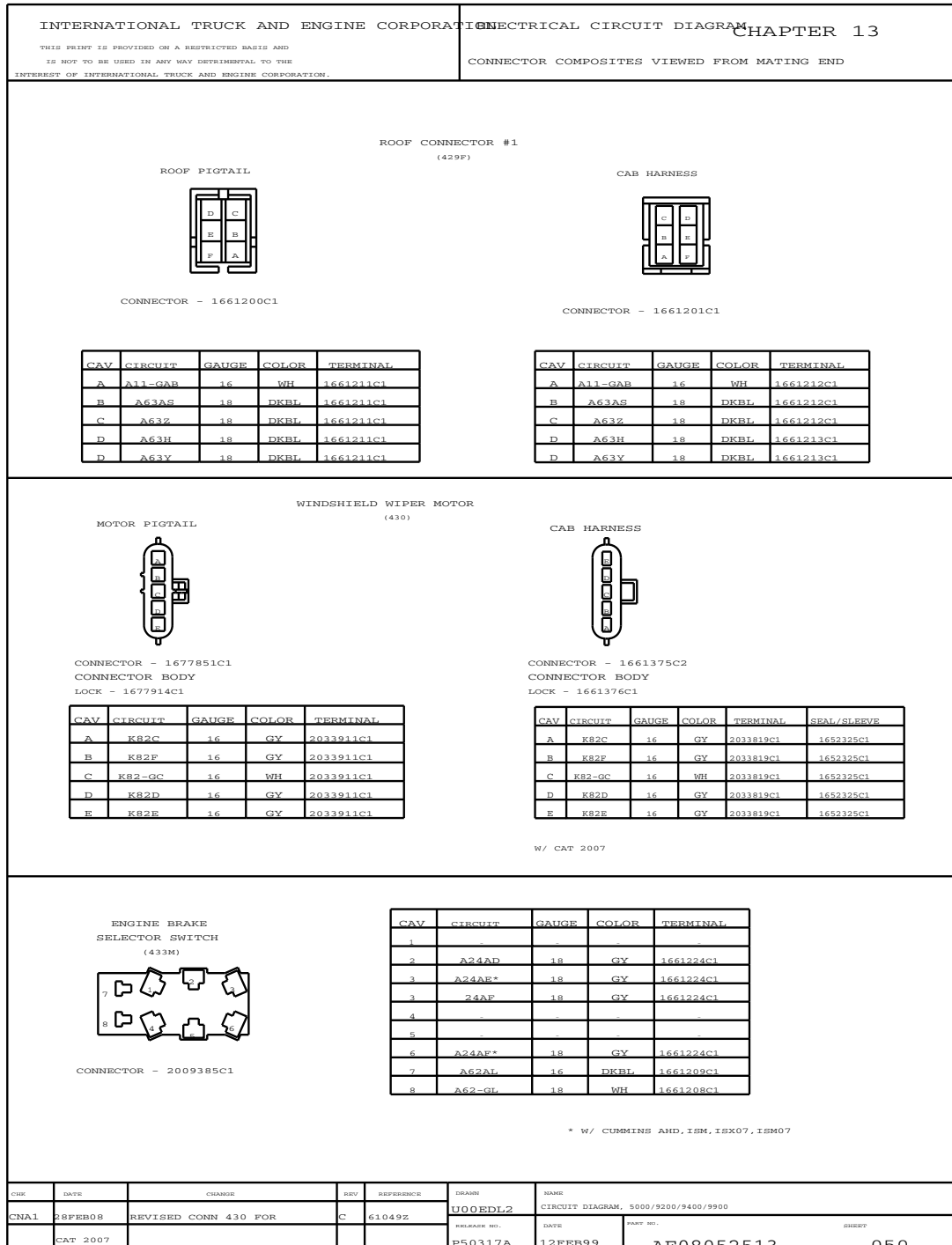


Figure 301 Connector Composites (429F), (430), (433M)

13.57. CONNECTOR COMPOSITES (434M), P. 51

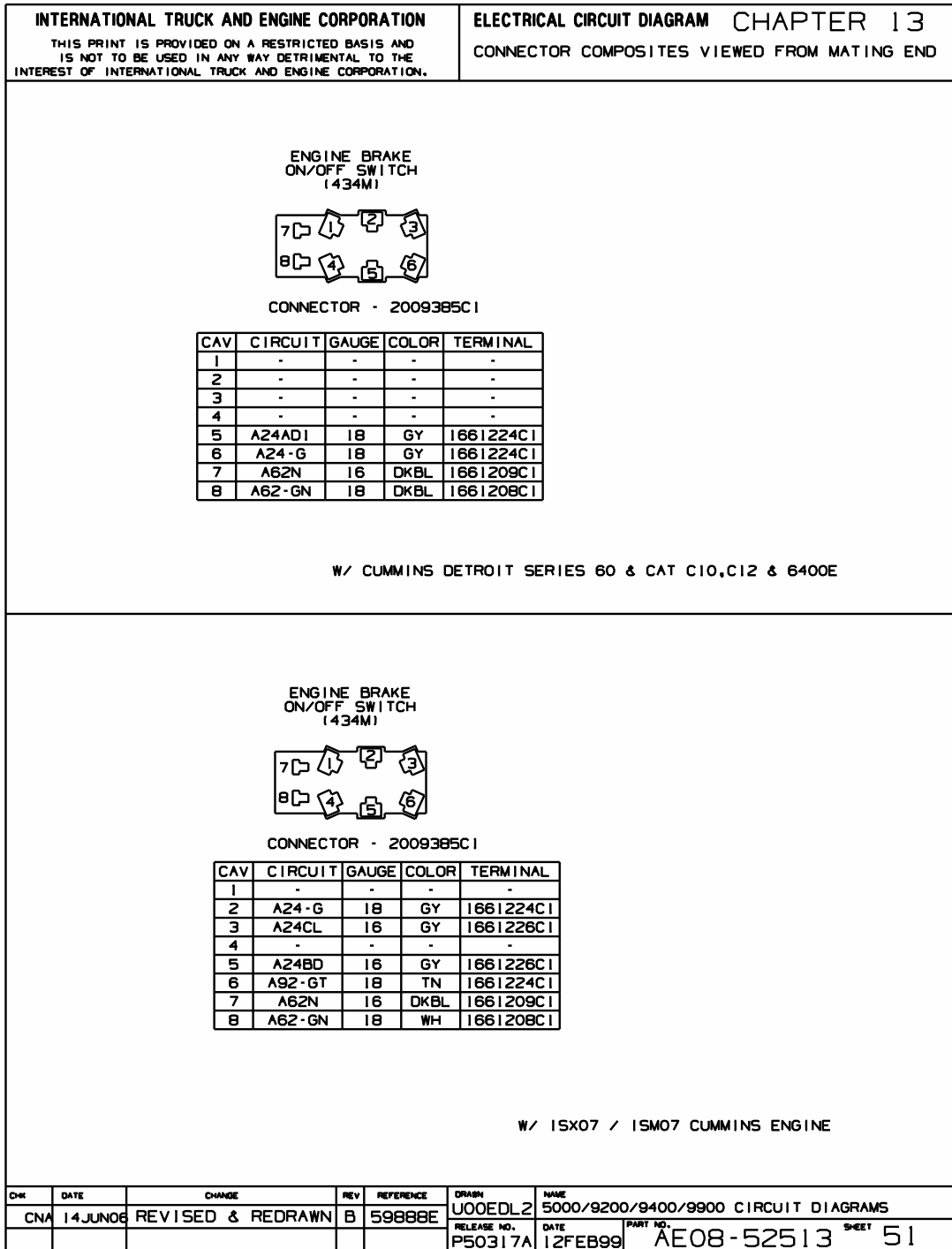


Figure 302 Connector Composites (434M)

13.58. CONNECTOR COMPOSITES (435M), P. 52

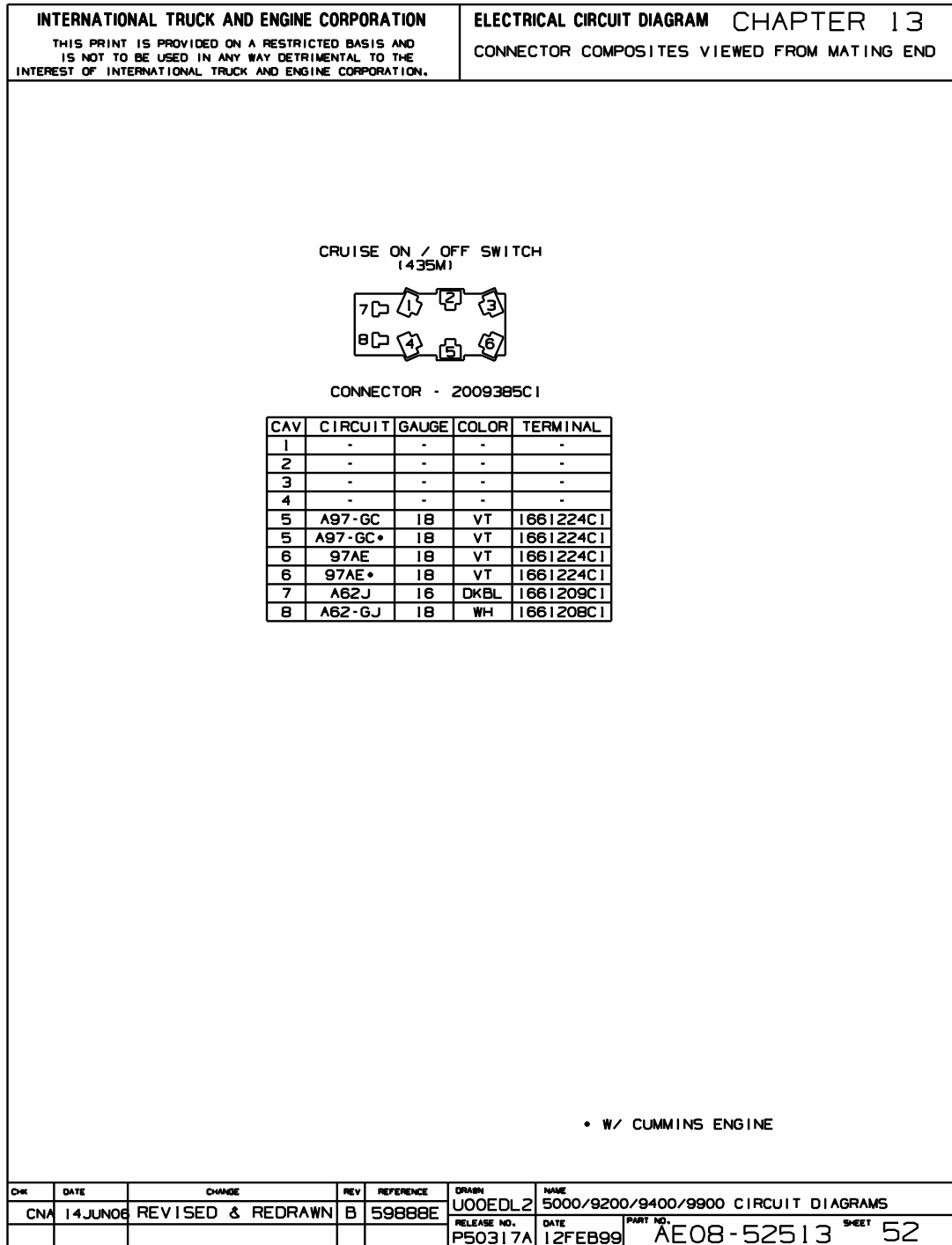


Figure 303 Connector Composites (435M)

13.59. CONNECTOR COMPOSITES (436M), (437), (440), P. 53

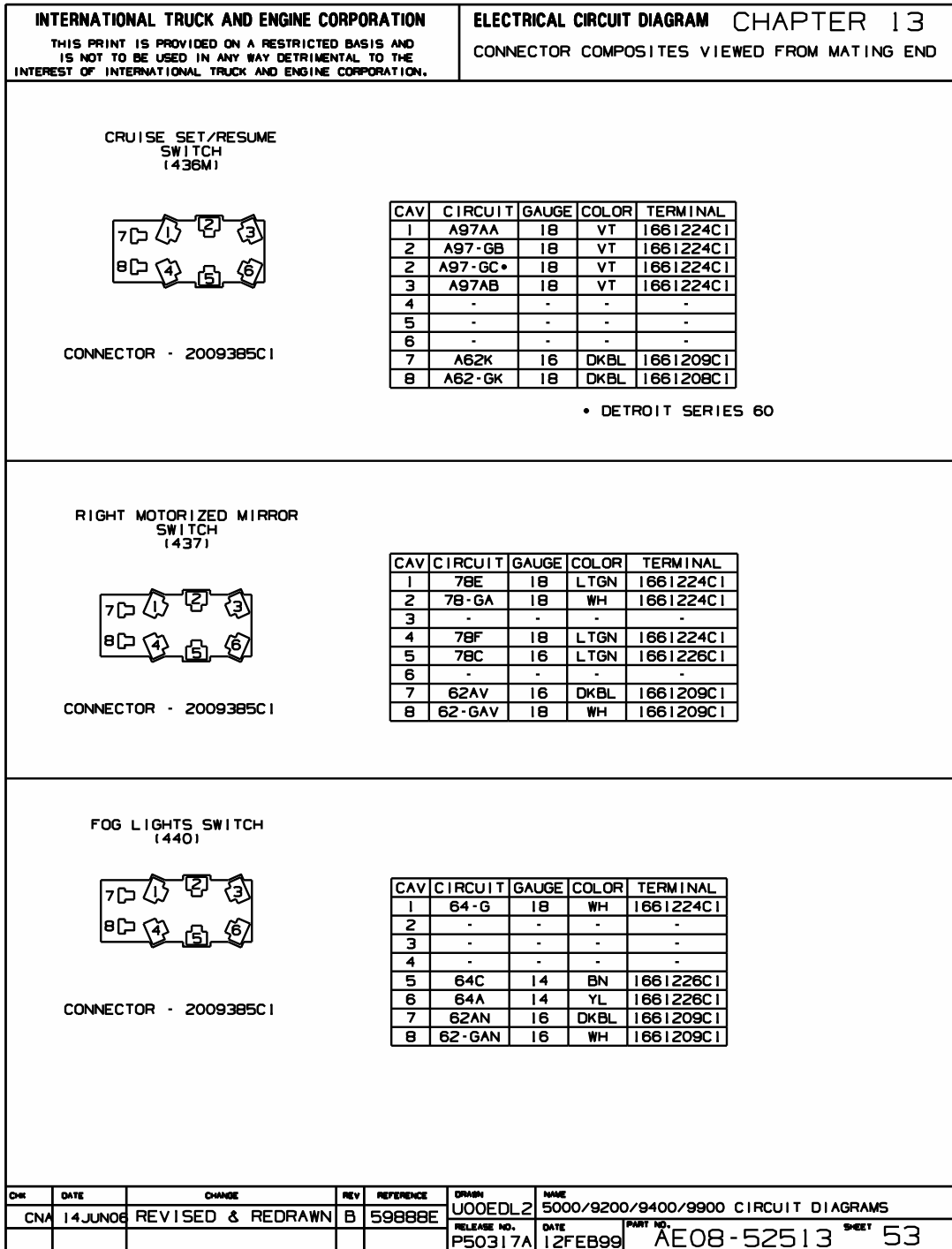


Figure 304 Connector Composites (436M), (437), (440)

13.60. CONNECTOR COMPOSITES (441), (442), (453M), (454M), P. 54

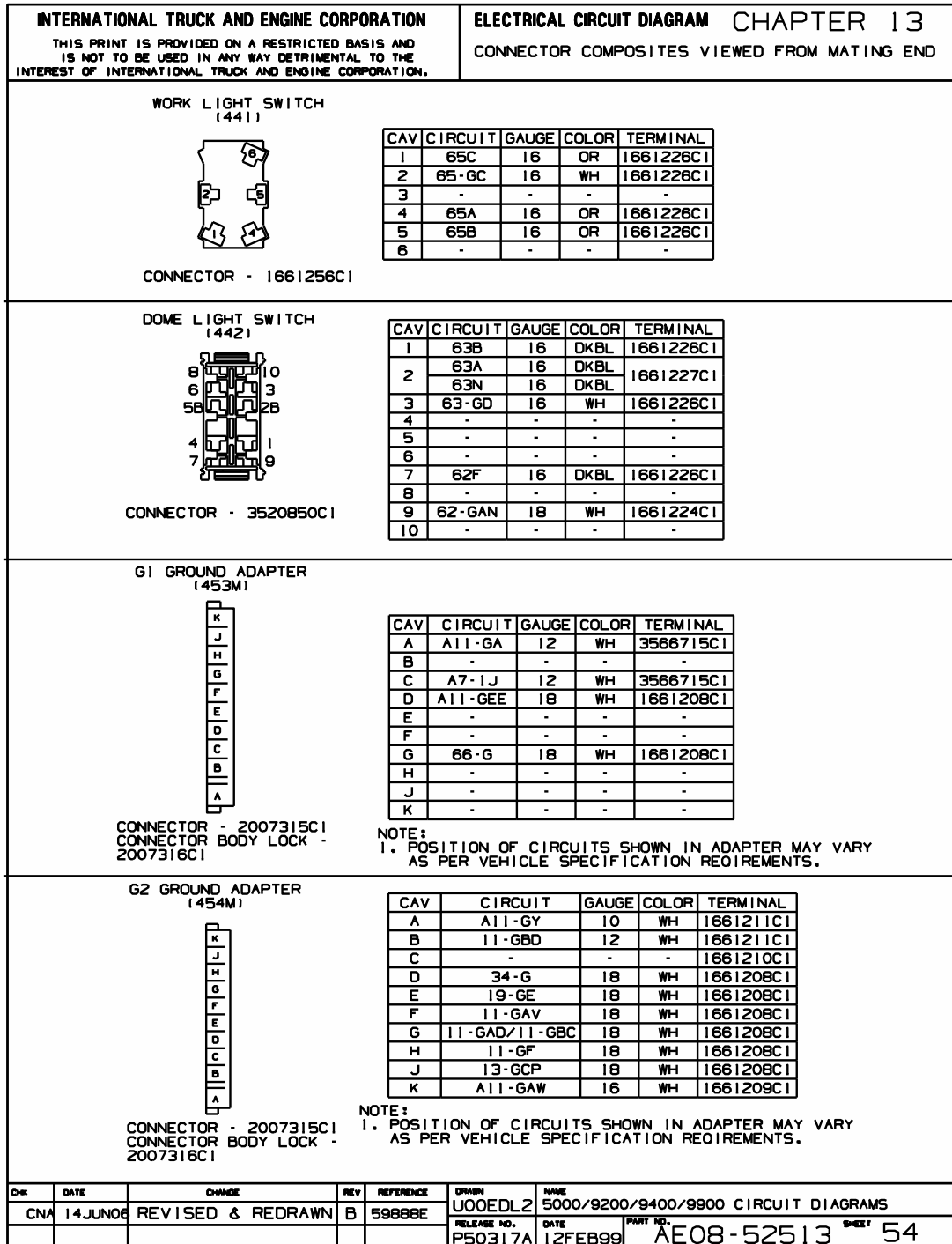


Figure 305 Connector Composites (441), (442), (453M), (454M)

13.61. CONNECTOR COMPOSITES (455M), (456M), (459), (460F), P. 55

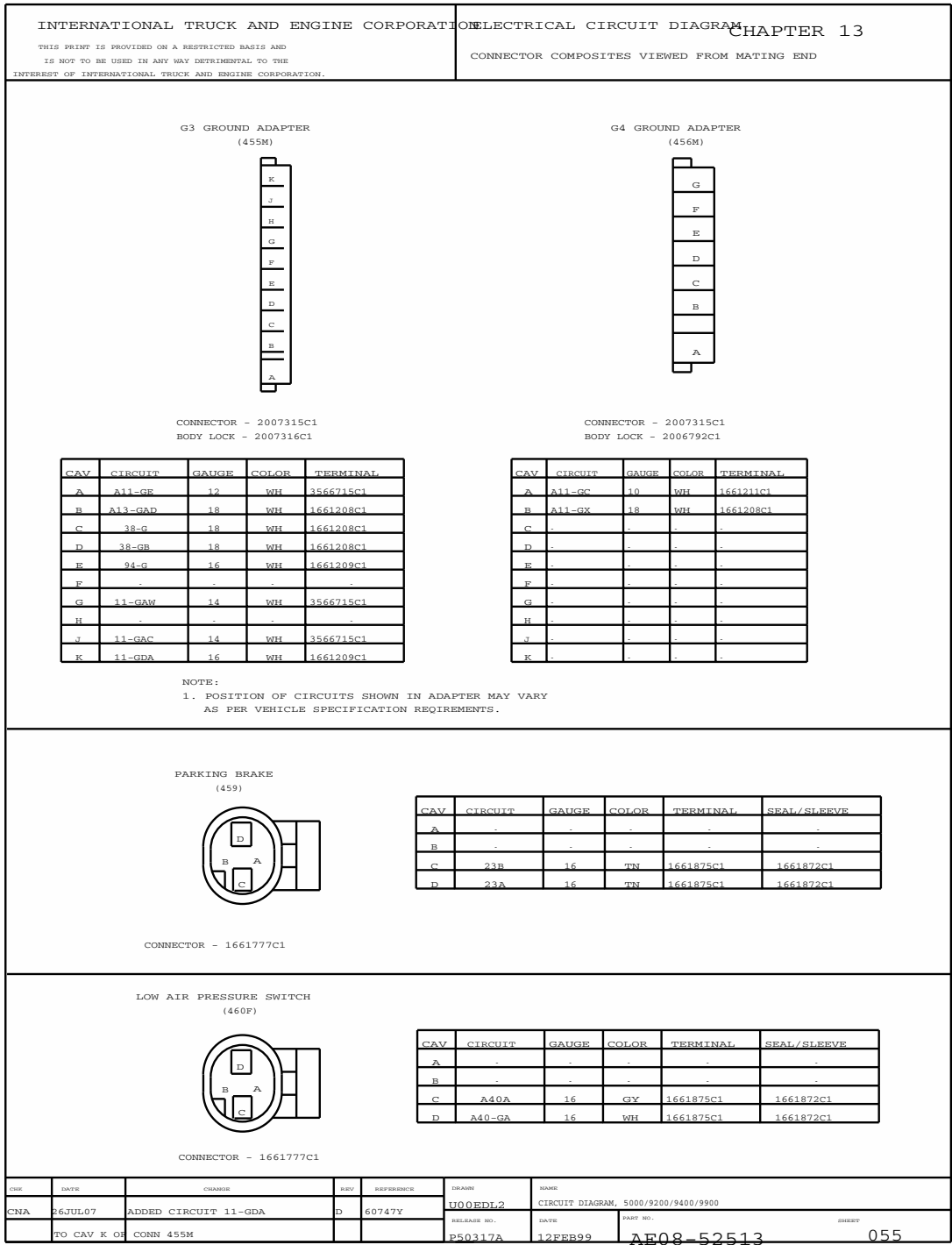


Figure 306 Connector Composites (455M), (456M), (459), (460F)

13.62. CONNECTOR COMPOSITES (462M), P. 56

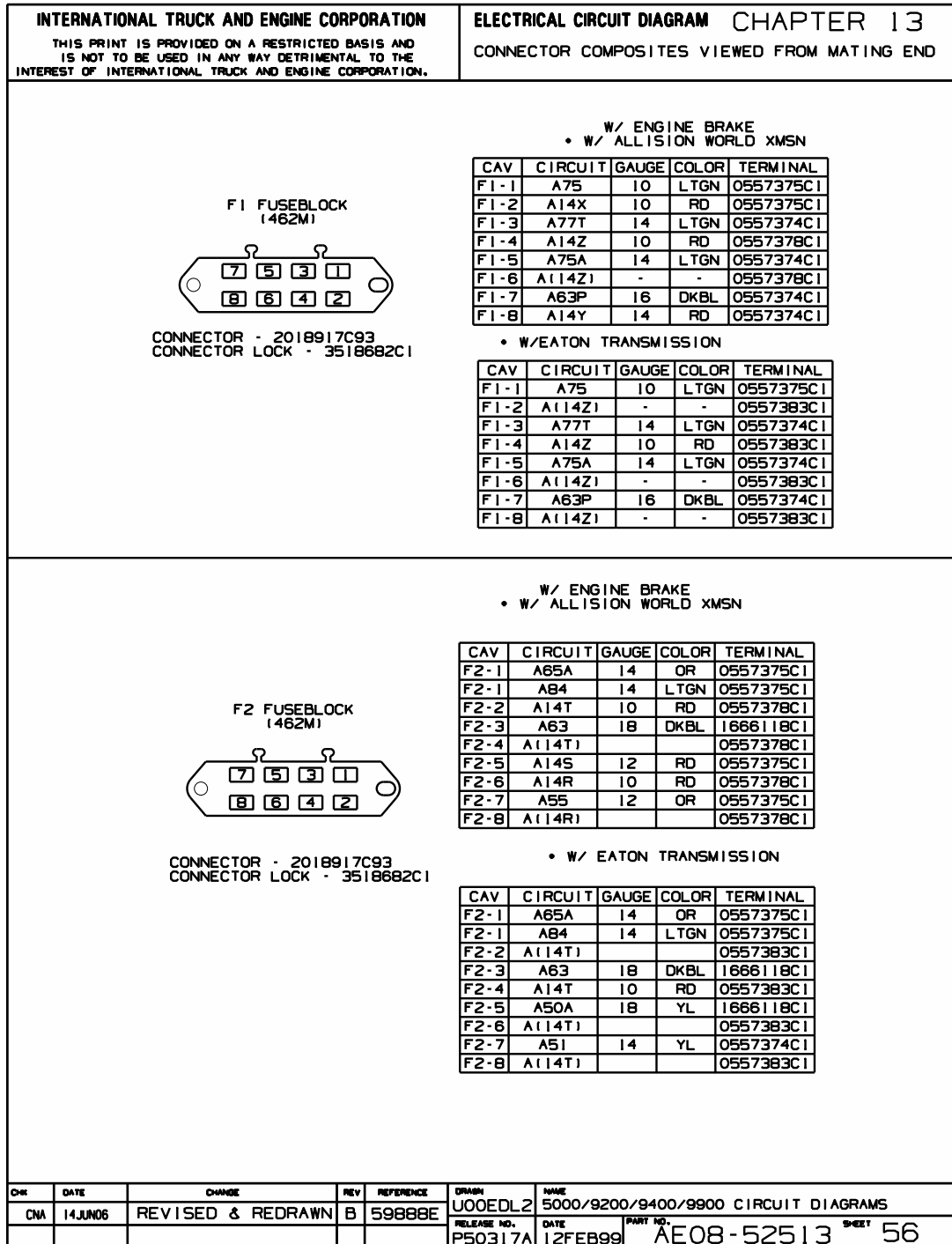


Figure 307 Connector Composites (462M)

13.63. CONNECTOR COMPOSITES (462M), P. 57

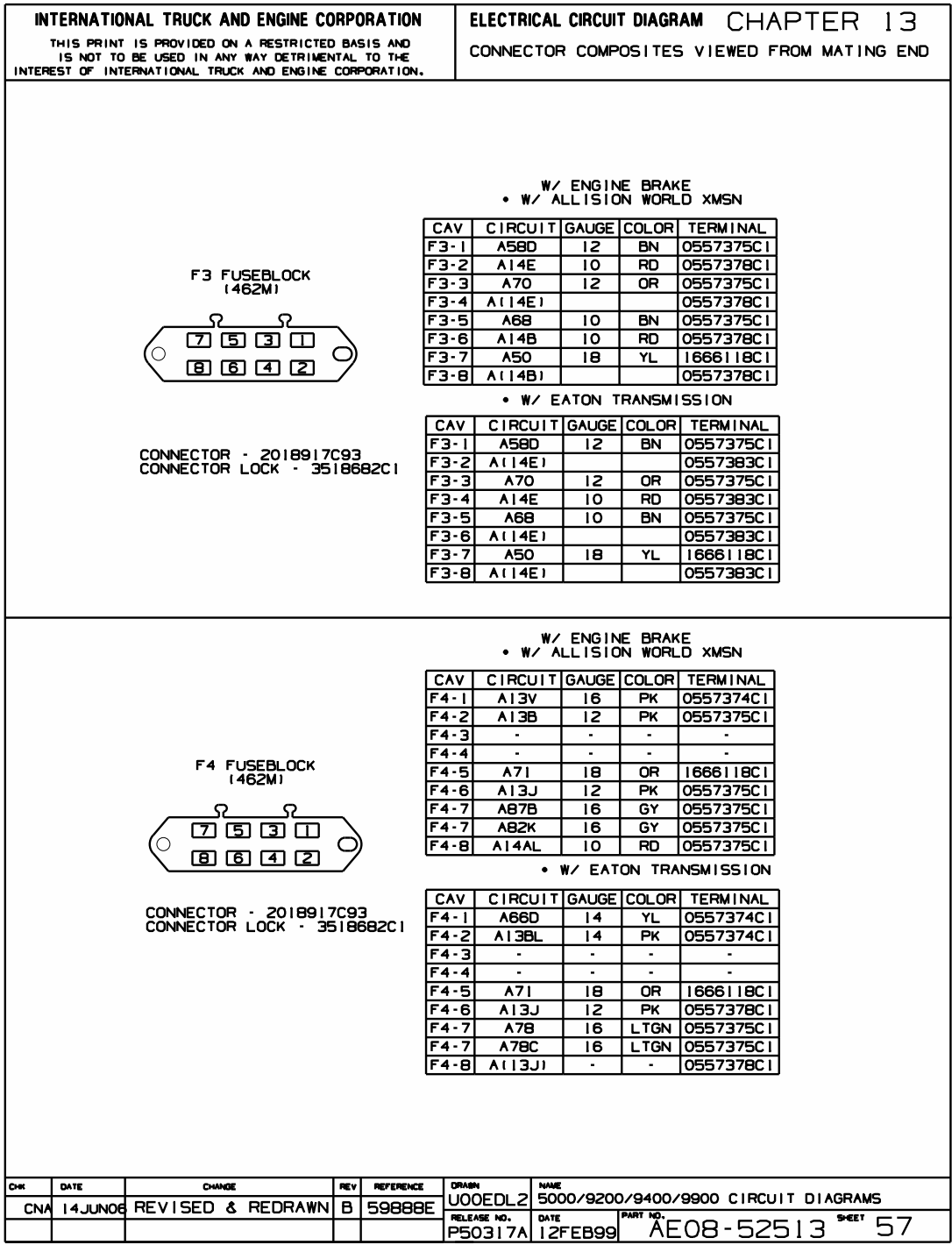


Figure 308 Connector Composites (462M)

13.64. CONNECTOR COMPOSITES (462M), P. 58

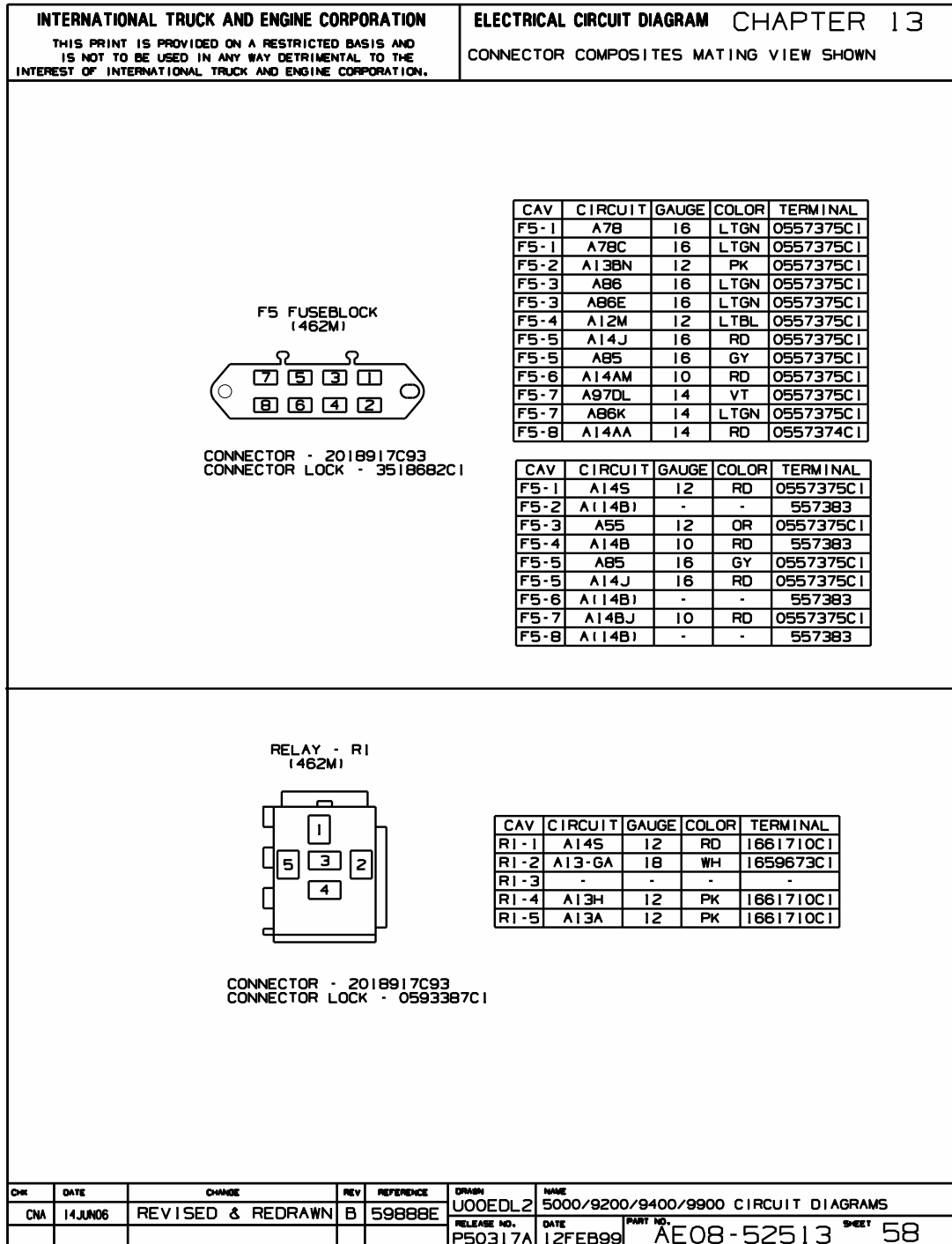


Figure 309 Connector Composites (462M)

13.65. CONNECTOR COMPOSITES (462M), P. 59

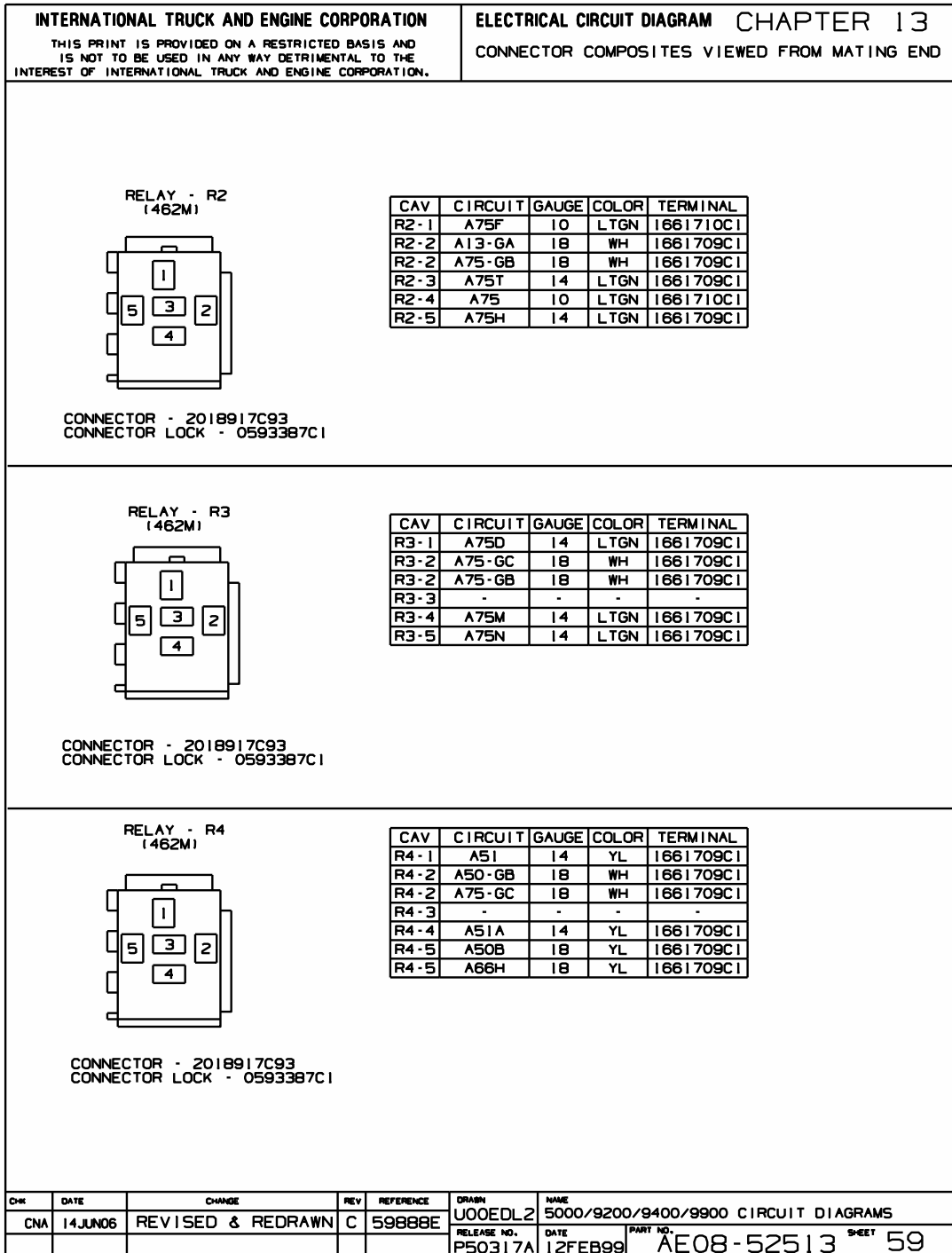


Figure 310 Connector Composites (462M)

13.66. CONNECTOR COMPOSITES (462), (463M), P. 60

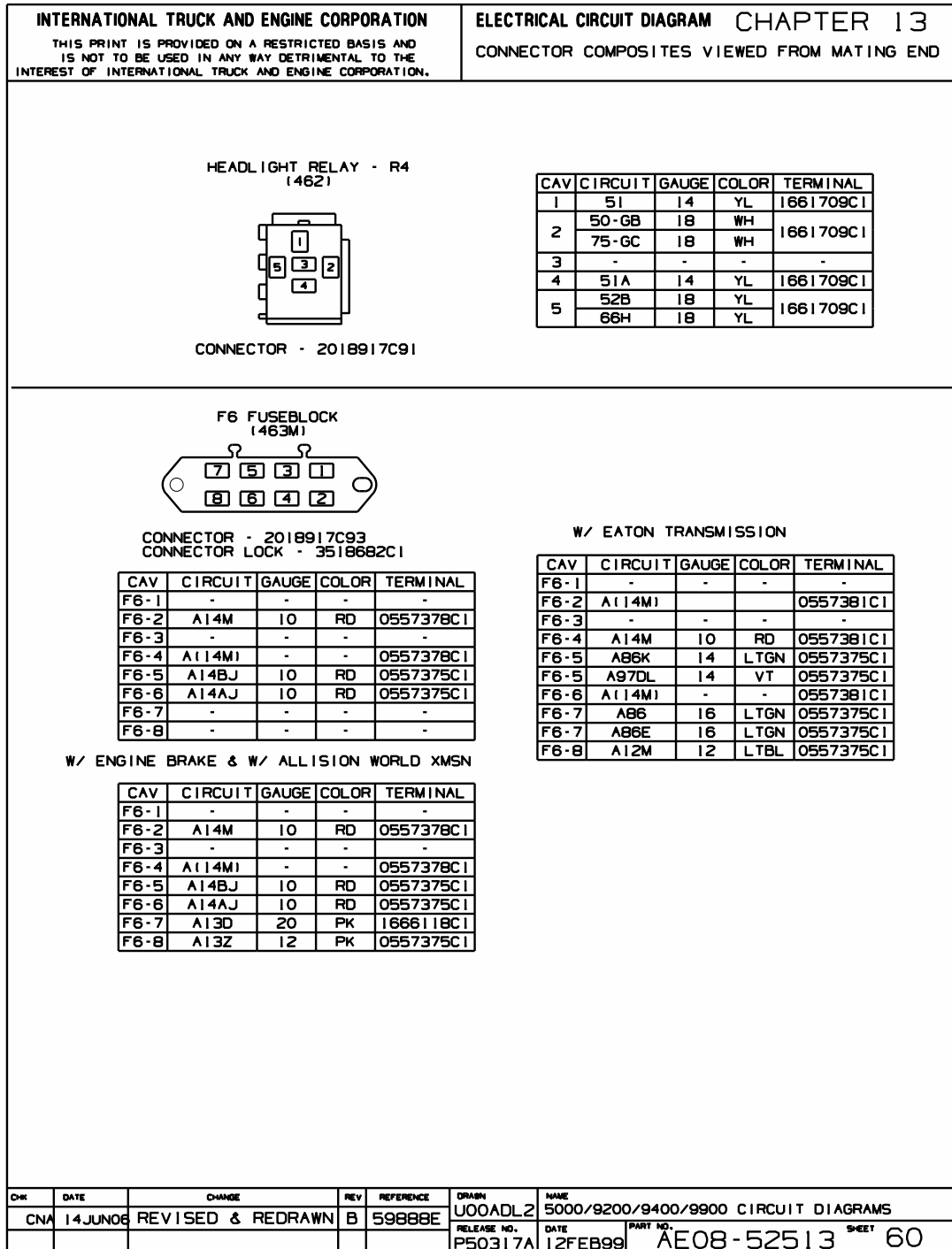


Figure 311 Connector Composites (462), (463M)

13.67. CONNECTOR COMPOSITES (463M), P. 61

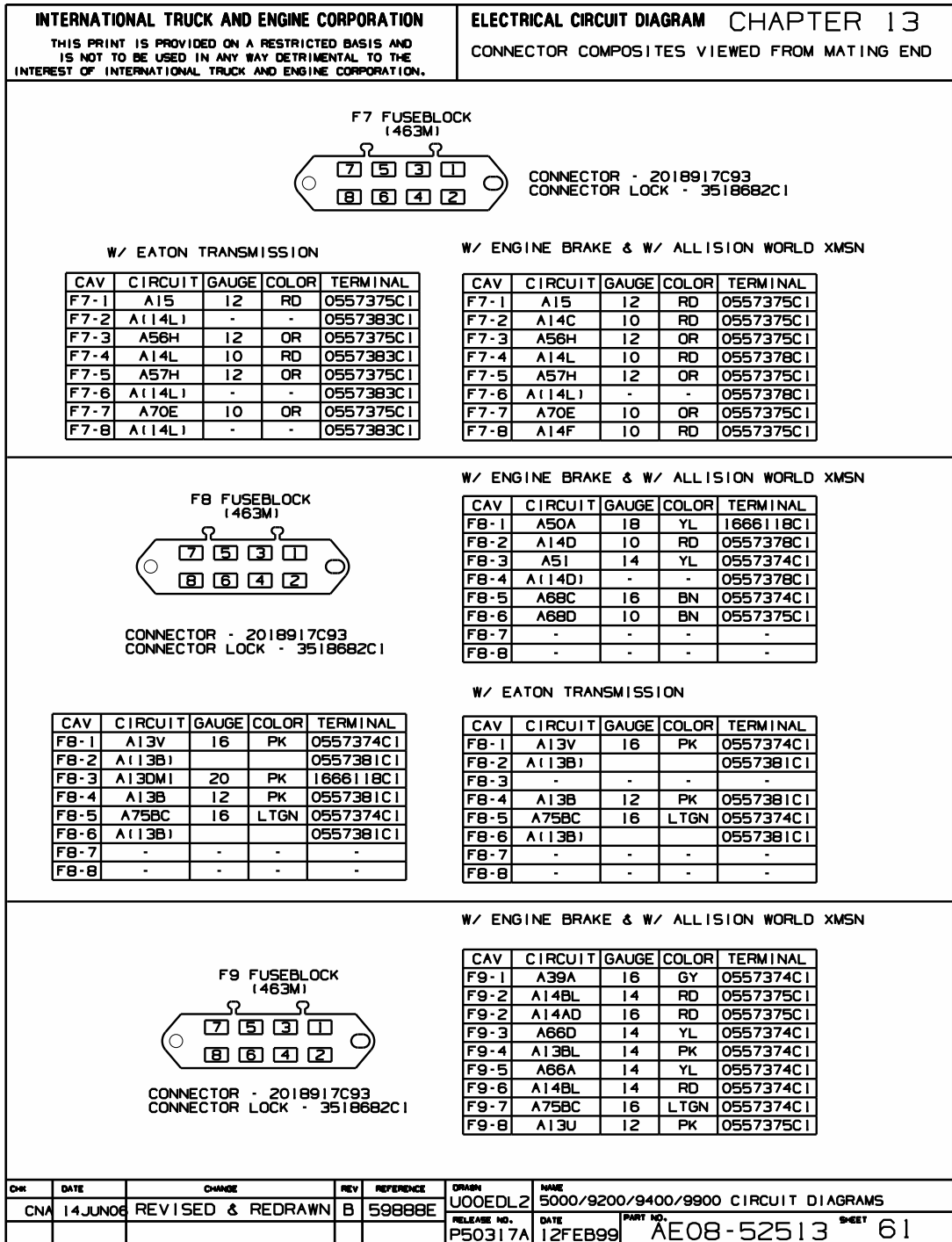


Figure 312 Connector Composites (463M)

13.68. CONNECTOR COMPOSITES (463M), P. 62

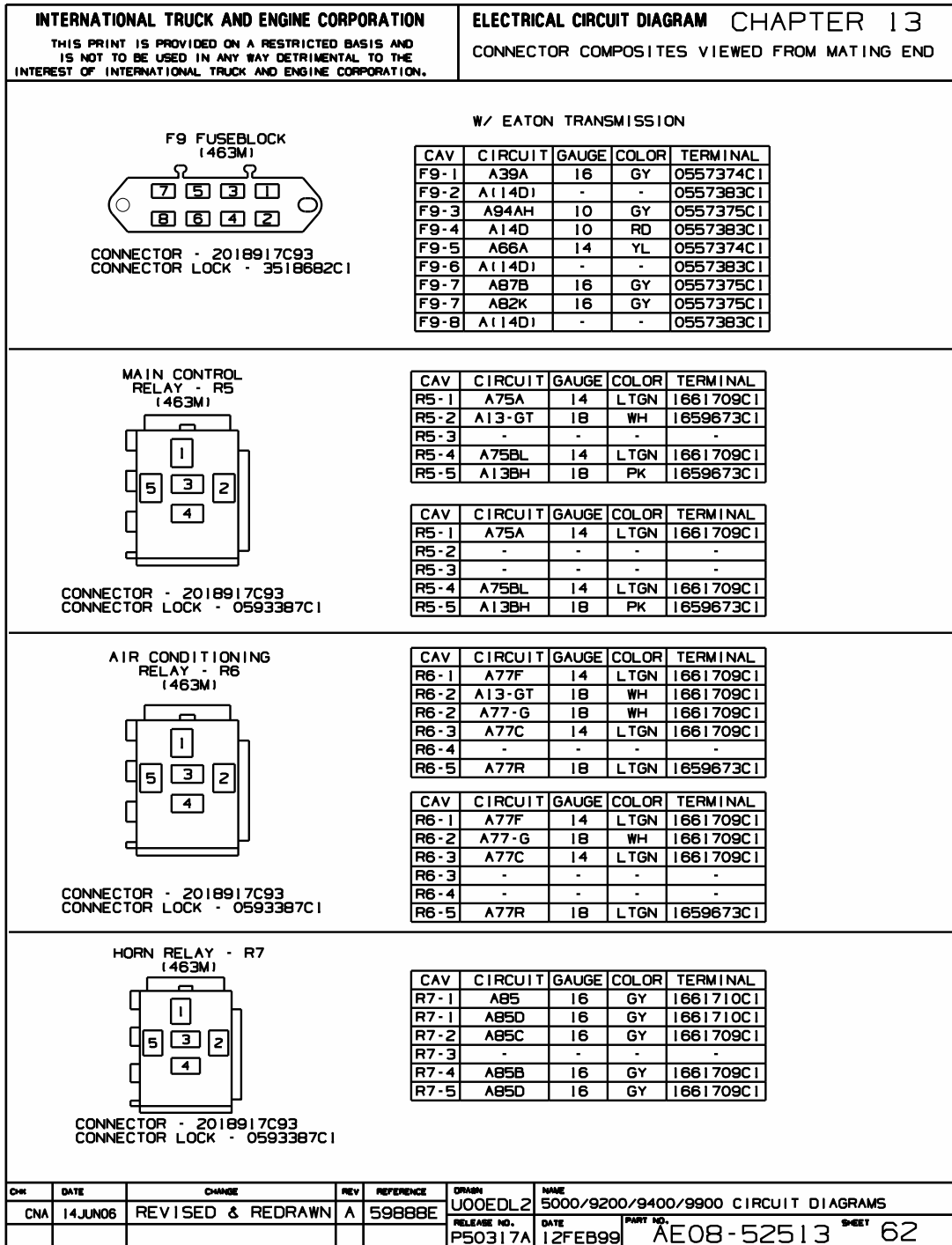


Figure 313 Connector Composites (463M)

13.69. CONNECTOR COMPOSITES (463M), (464), P. 63

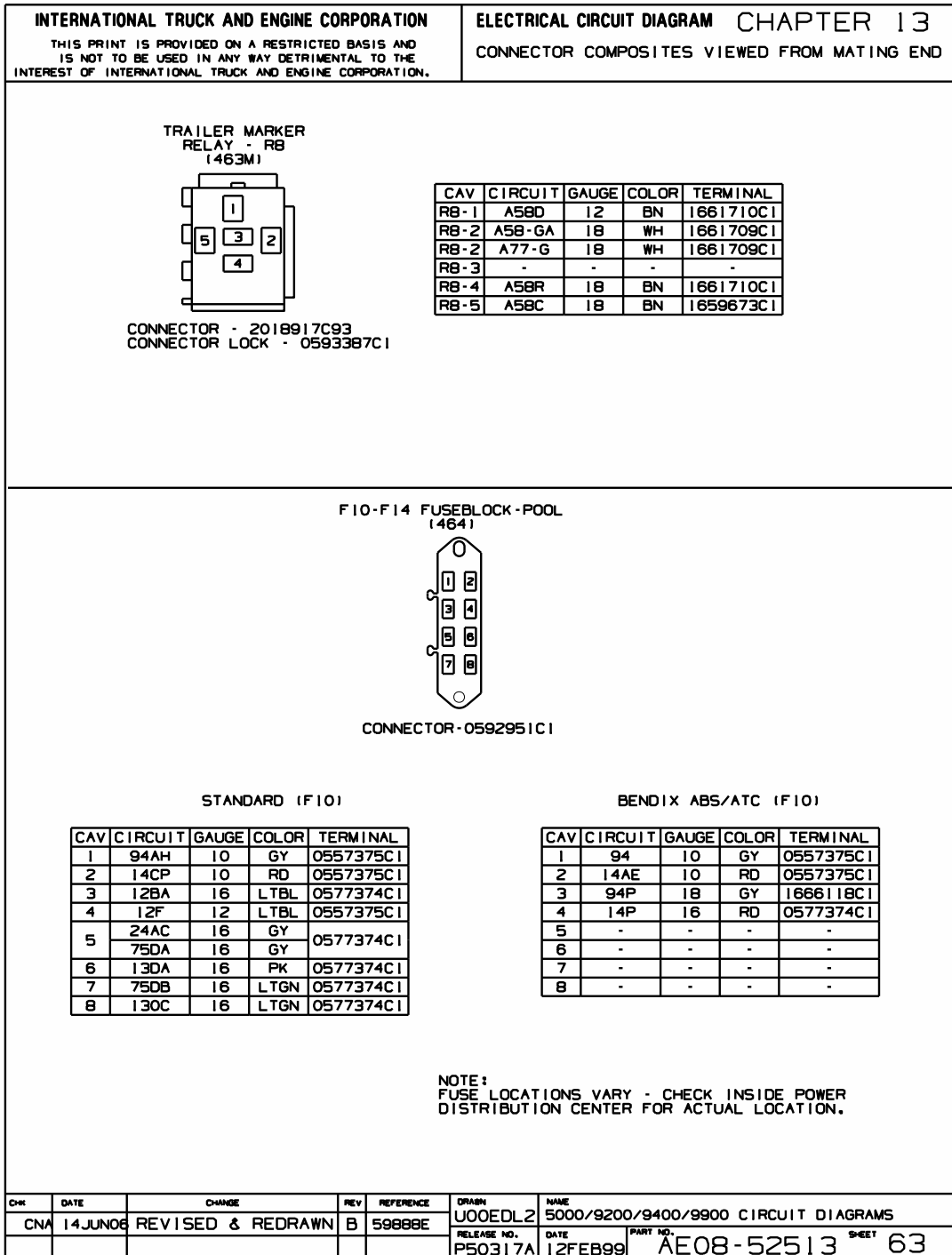


Figure 314 Connector Composites (463M), (464)

13.70. CONNECTOR COMPOSITES (464), P. 64

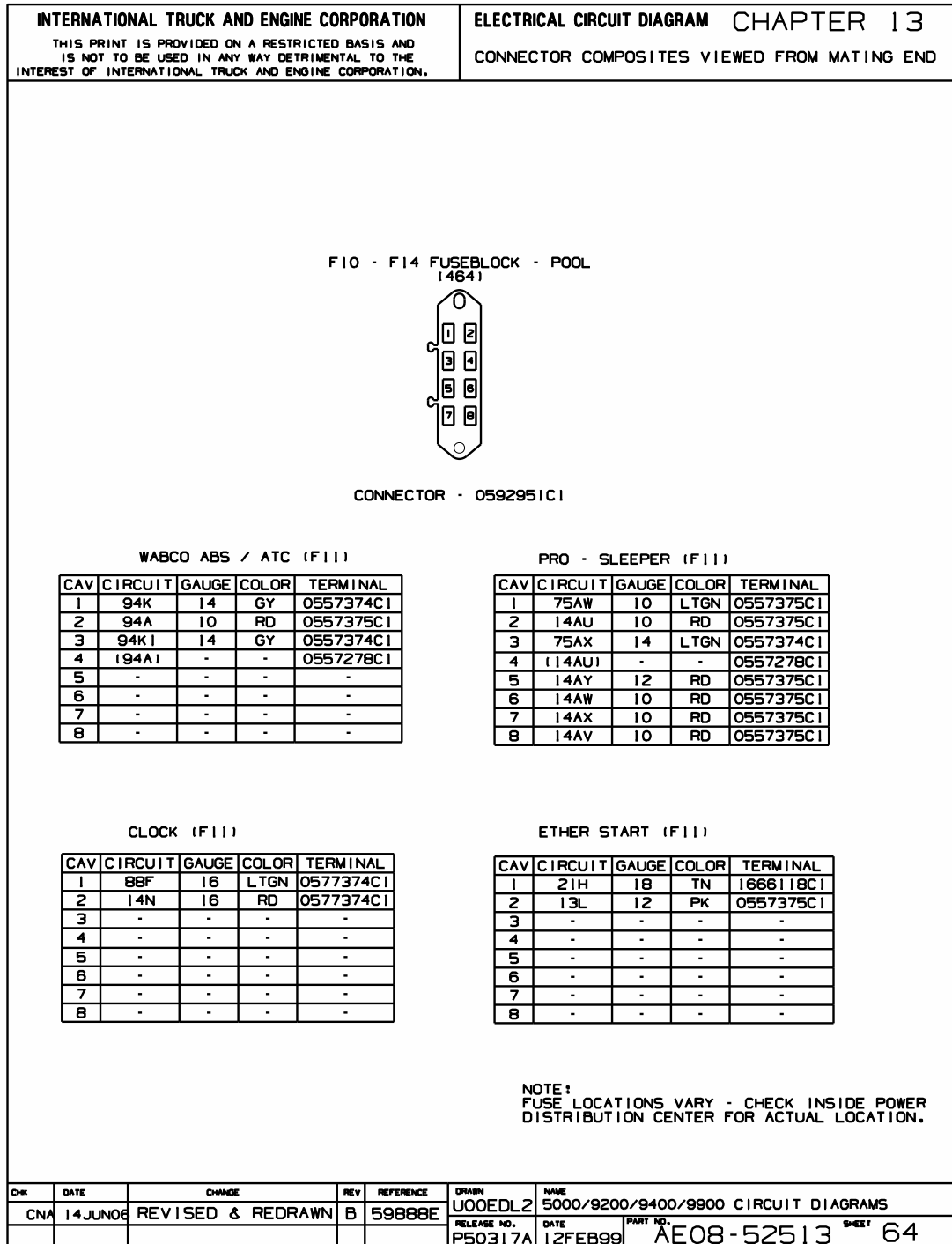


Figure 315 Connector Composites (464)

13.71. CONNECTOR COMPOSITES (464), P. 65

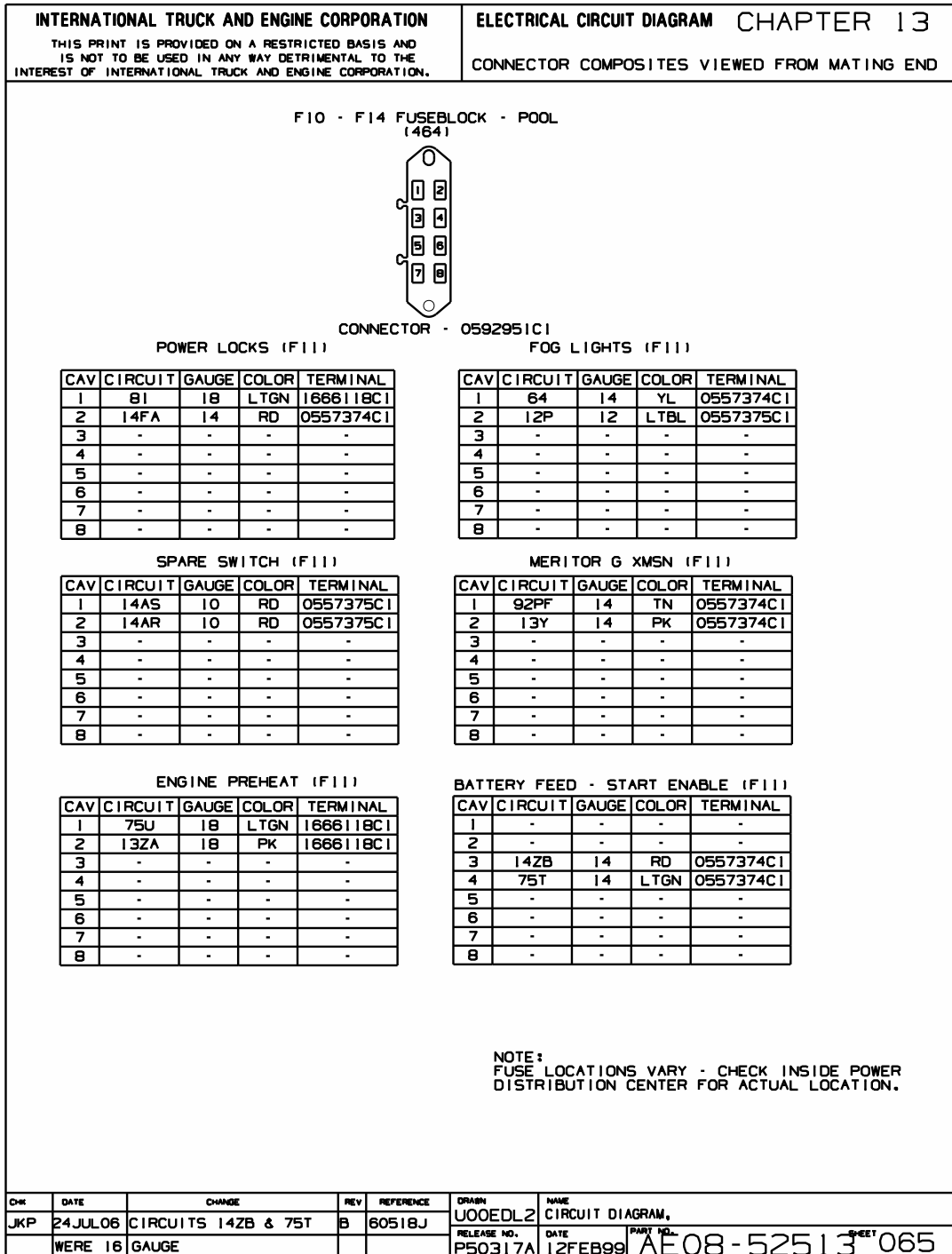


Figure 316 Connector Composites (464)

13.72. CONNECTOR COMPOSITES (464), (464M), P. 66

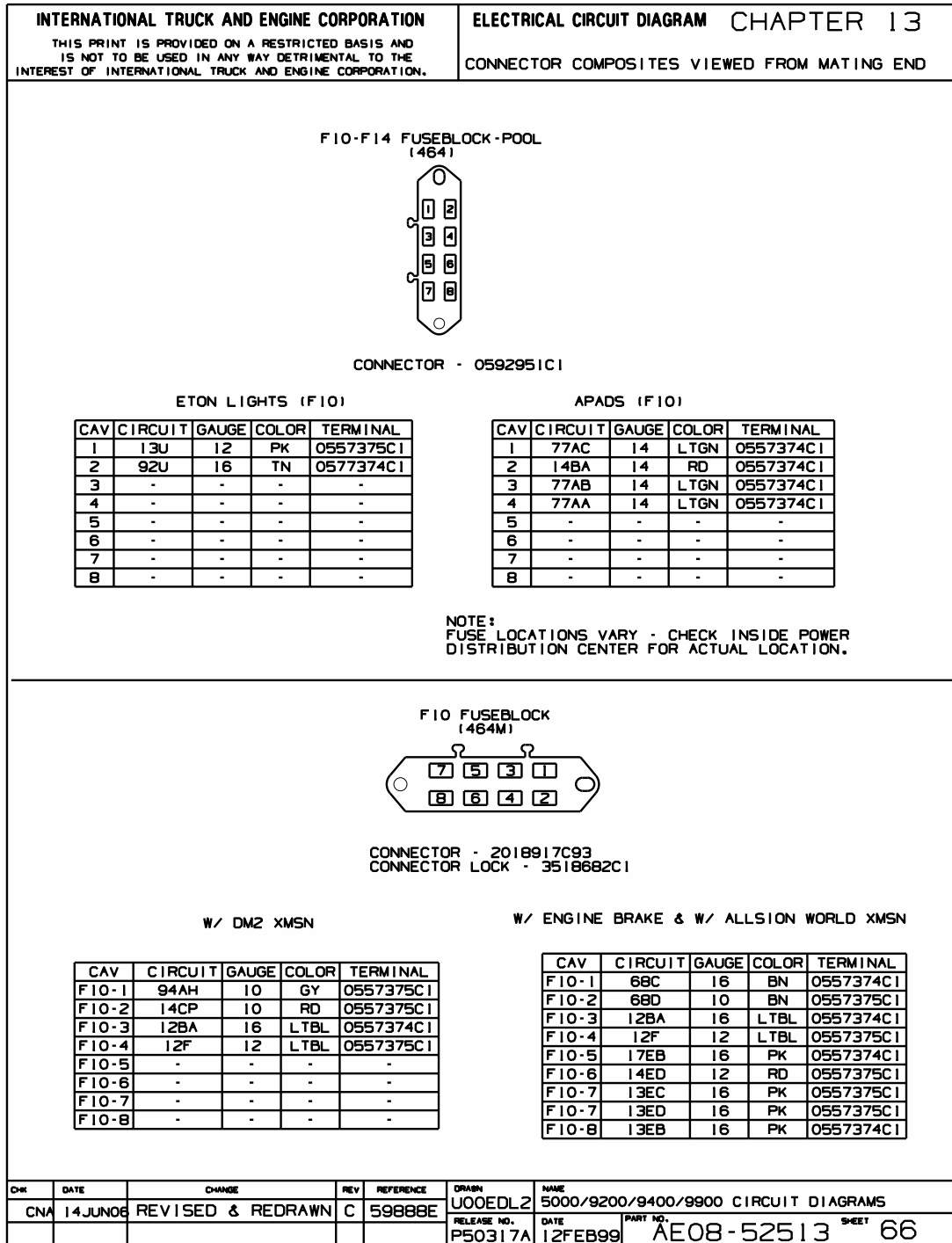


Figure 317 Connector Composites (464), (464M)

13.73. CONNECTOR COMPOSITES (464M), P. 67

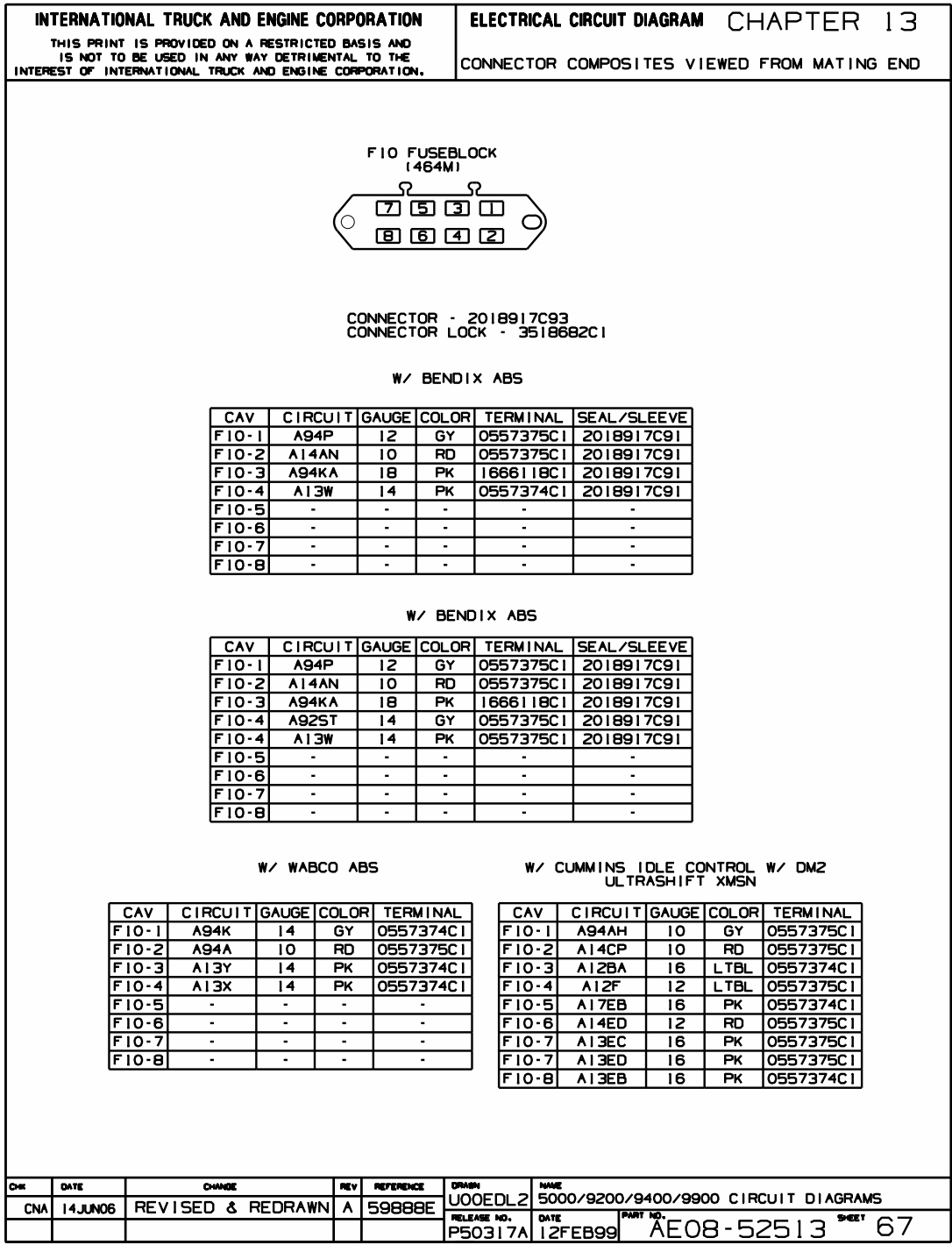


Figure 318 Connector Composites (464M)

13.74. CONNECTOR COMPOSITES (464M), P. 68

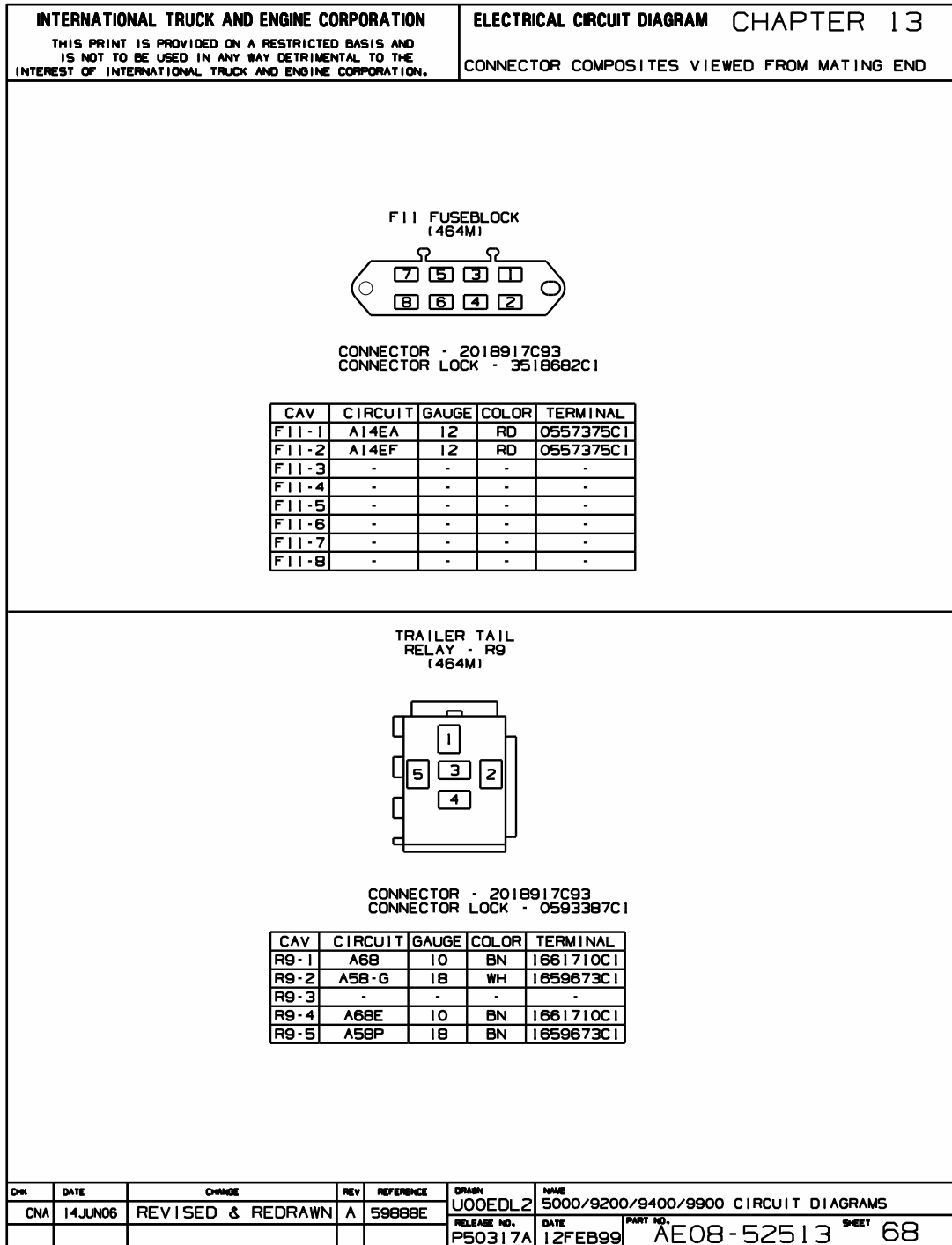


Figure 319 Connector Composites (464M)

13.75. CONNECTOR COMPOSITES (464M), P. 69

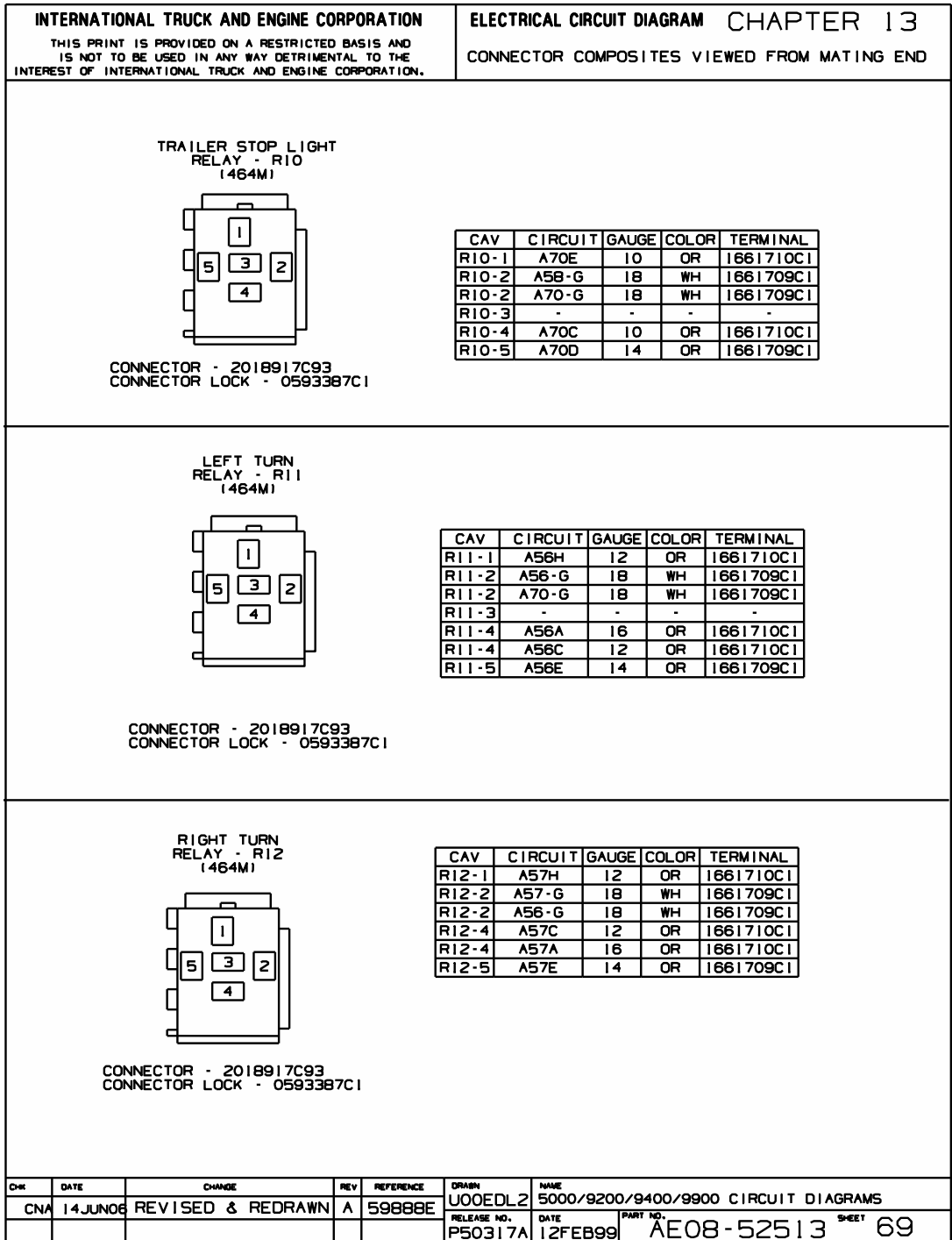


Figure 320 Connector Composites (464M)

13.76. CONNECTOR COMPOSITES (465M), (466M), (468F), P. 70

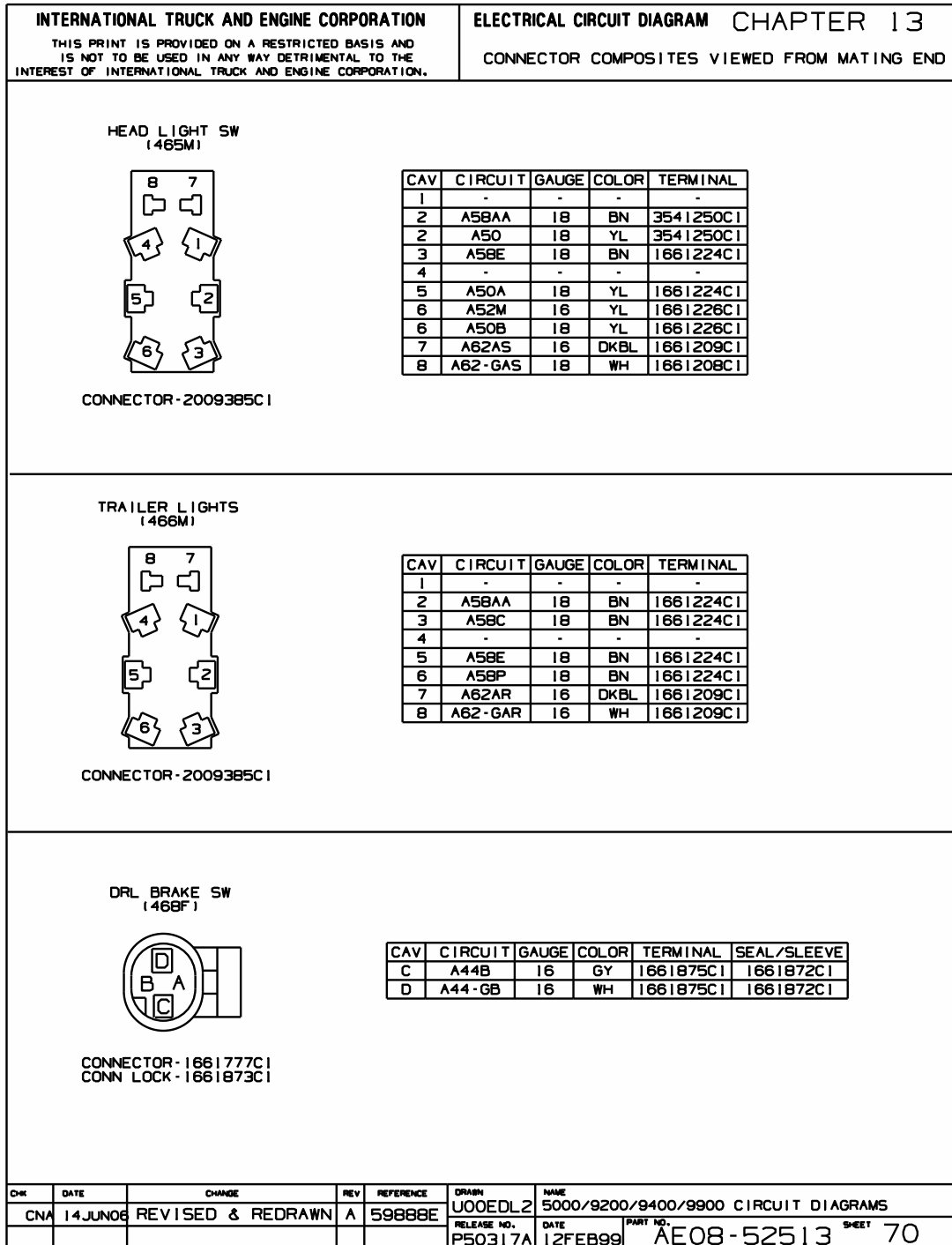


Figure 321 Connector Composites (465M), (466M), (468F)

13.77. CONNECTOR COMPOSITES (470), (471A), (471M), P. 71

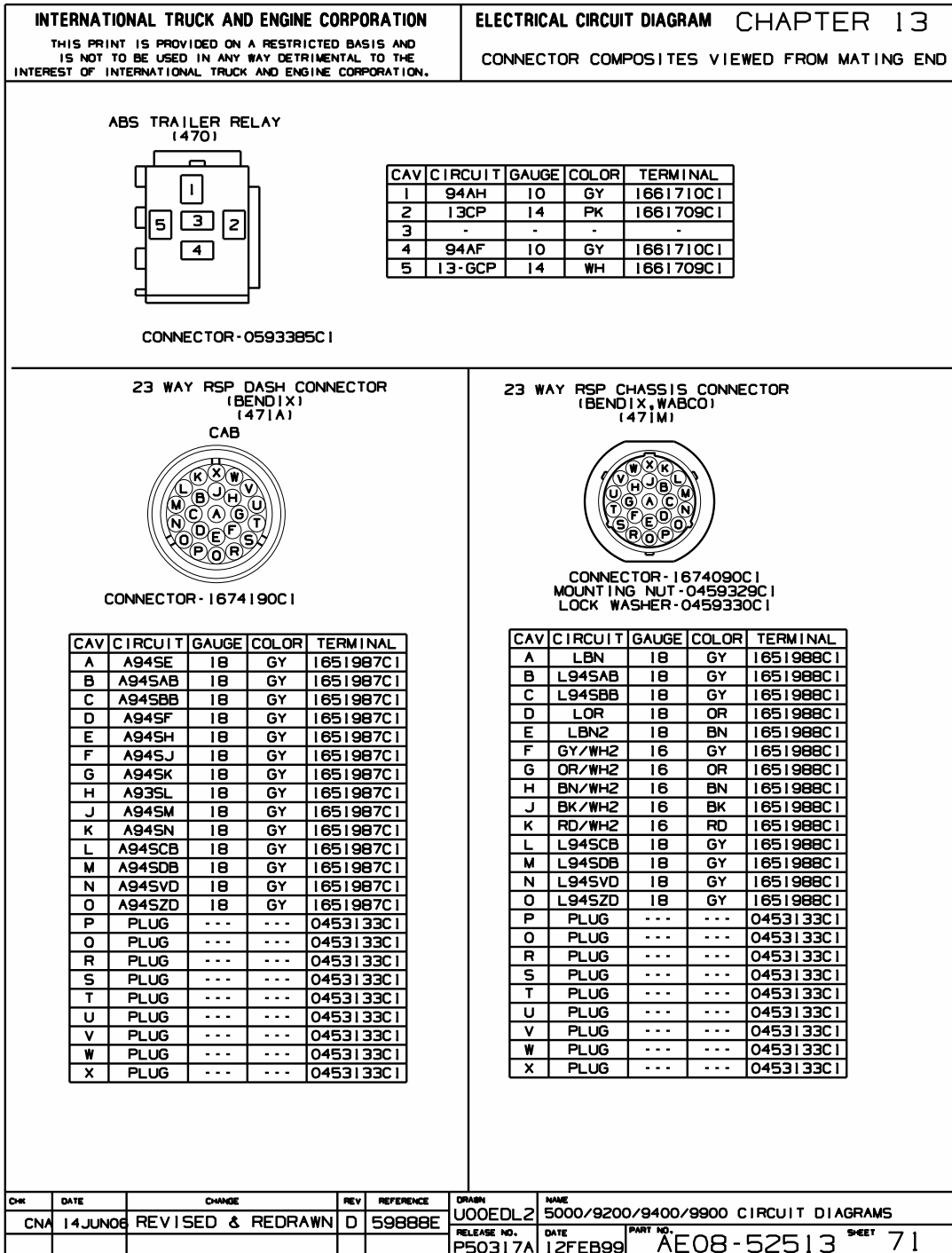


Figure 322 Connector Composites (470), (471A), (471M)

13.78. CONNECTOR COMPOSITES (471AM), P. 71A

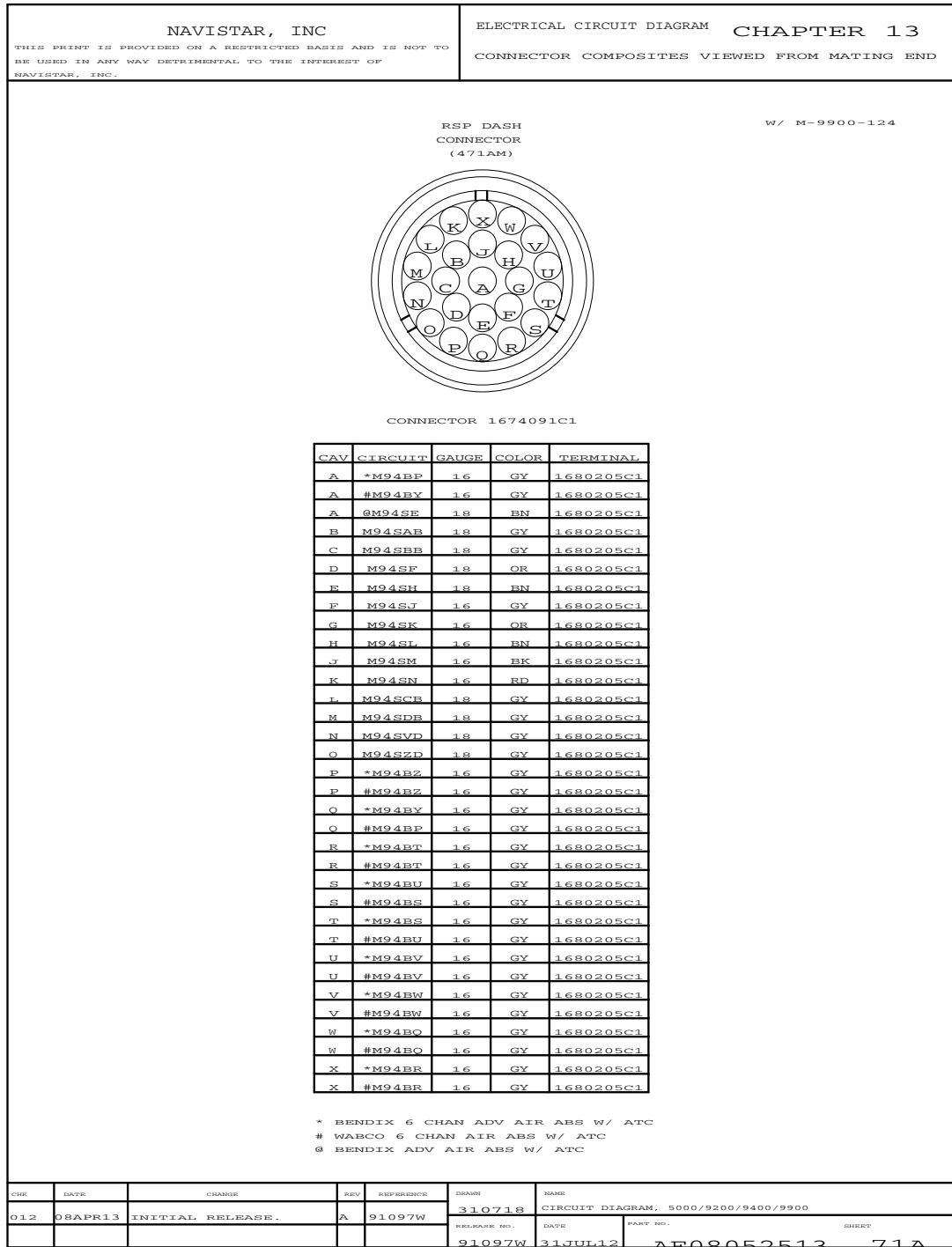


Figure 323 Connector Composites (471AM)

13.79. CONNECTOR COMPOSITES (471), P. 72

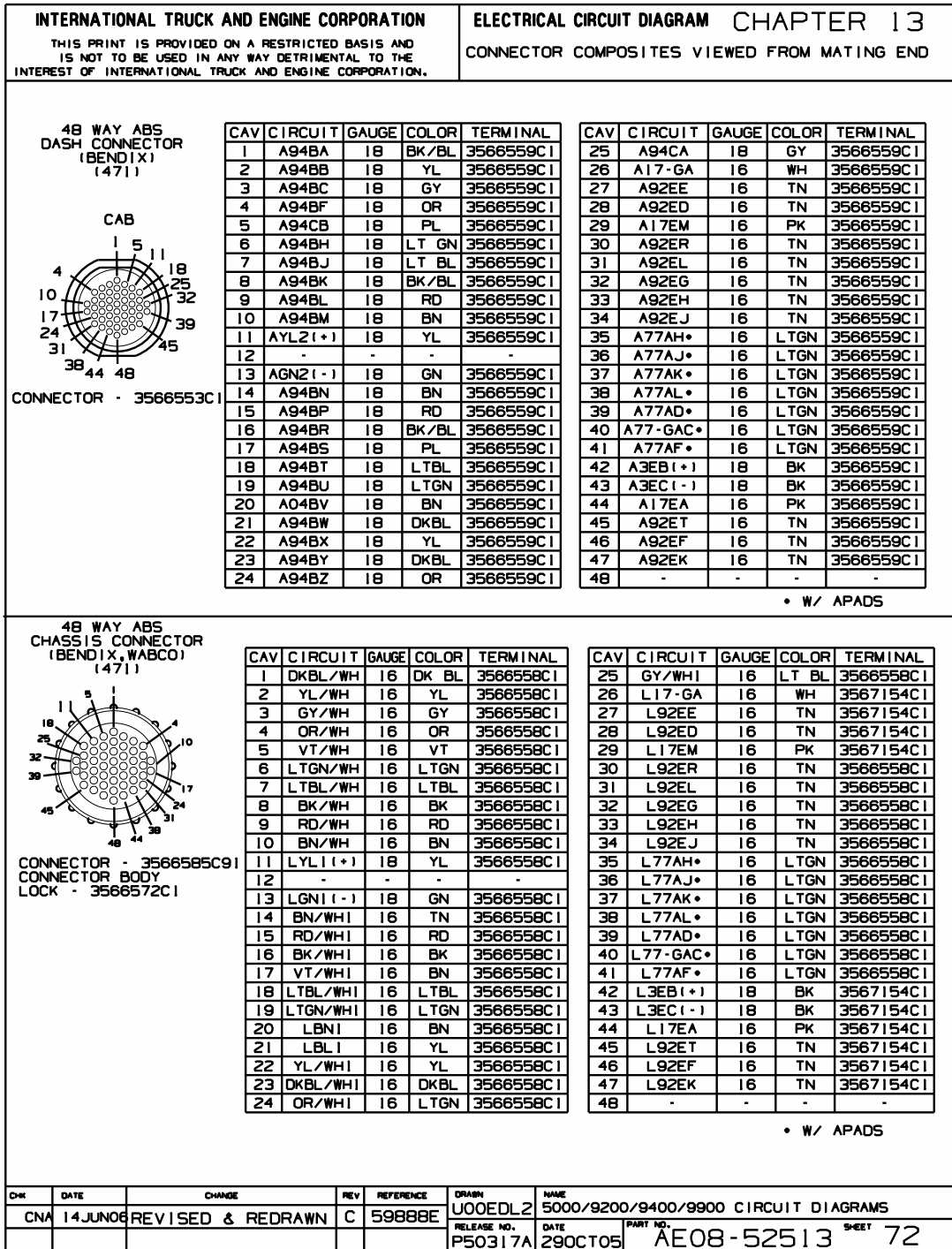


Figure 324 Connector Composites (471)

13.80. CONNECTOR COMPOSITES (1000), P. 73

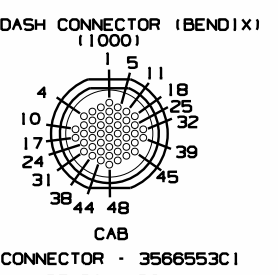
<p>INTERNATIONAL TRUCK AND ENGINE CORPORATION</p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</p>	<p>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13</p> <p>CONNECTOR COMPOSITES VIEWED FROM MATING END</p>																																																																																																																																																																																																																																																
<p>ABS DASH CONNECTOR (BENDIX) (1000)</p>  <p>CAB CONNECTOR - 3566553C1 W/ BENDIX ABS</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>L94BA</td><td>18</td><td>DK BL</td><td>3566559C1</td></tr> <tr><td>2</td><td>L94BB</td><td>18</td><td>YL</td><td>3566559C1</td></tr> <tr><td>3</td><td>L94BC</td><td>18</td><td>GY</td><td>3566559C1</td></tr> <tr><td>4</td><td>L94BF</td><td>18</td><td>OR</td><td>3566559C1</td></tr> <tr><td>5</td><td>L94CB</td><td>18</td><td>PL</td><td>3566559C1</td></tr> <tr><td>6</td><td>L94BH</td><td>18</td><td>LTGN</td><td>3566559C1</td></tr> <tr><td>7</td><td>L94BJ</td><td>18</td><td>LTBL</td><td>3566559C1</td></tr> <tr><td>8</td><td>L94BK</td><td>18</td><td>BK</td><td>3566559C1</td></tr> <tr><td>9</td><td>L94BL</td><td>18</td><td>RD</td><td>3566559C1</td></tr> <tr><td>10</td><td>L94BM</td><td>18</td><td>BN</td><td>3566559C1</td></tr> <tr><td>11</td><td>LYL2(+)</td><td>18</td><td>YL</td><td>3566559C1</td></tr> <tr><td>13</td><td>LGN2(-)</td><td>18</td><td>GN</td><td>3566559C1</td></tr> <tr><td>14</td><td>L94BN</td><td>18</td><td>BN</td><td>3566559C1</td></tr> <tr><td>15</td><td>L94BP</td><td>18</td><td>RD</td><td>3566559C1</td></tr> <tr><td>16</td><td>L94BR</td><td>18</td><td>BK</td><td>3566559C1</td></tr> <tr><td>17</td><td>L94BS</td><td>18</td><td>PL</td><td>3566559C1</td></tr> <tr><td>18</td><td>L94BT</td><td>18</td><td>LTBL</td><td>3566559C1</td></tr> <tr><td>19</td><td>L94BU</td><td>18</td><td>LTGN</td><td>3566559C1</td></tr> <tr><td>20</td><td>L94BV</td><td>18</td><td>BN</td><td>3566559C1</td></tr> <tr><td>21</td><td>L94BW</td><td>18</td><td>DKBL</td><td>3566559C1</td></tr> <tr><td>22</td><td>L94BX</td><td>18</td><td>YL</td><td>3566559C1</td></tr> <tr><td>23</td><td>L94BY</td><td>18</td><td>DKBL</td><td>3566559C1</td></tr> <tr><td>24</td><td>L94BZ</td><td>18</td><td>OR</td><td>3566559C1</td></tr> <tr><td>25</td><td>L94CA</td><td>18</td><td>GY</td><td>3566559C1</td></tr> <tr><td>26</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>27</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>28</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>29</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>30</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>31</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>32</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>33</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>34</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>35</td><td>L94SJ</td><td>18</td><td>GY</td><td>3566559C1</td></tr> <tr><td>36</td><td>L94SK</td><td>18</td><td>GY</td><td>3566559C1</td></tr> <tr><td>37</td><td>L94SM</td><td>18</td><td>GY</td><td>3566559C1</td></tr> <tr><td>38</td><td>L94SN</td><td>18</td><td>GY</td><td>3566559C1</td></tr> <tr><td>39</td><td>L94SL</td><td>18</td><td>GY</td><td>3566559C1</td></tr> <tr><td>40</td><td>L94SE</td><td>18</td><td>GY</td><td>3566559C1</td></tr> <tr><td>41</td><td>L94SH</td><td>18</td><td>GY</td><td>3566559C1</td></tr> <tr><td>42</td><td>L94SVD</td><td>18</td><td>GY</td><td>3566559C1</td></tr> <tr><td>43</td><td>L94SZD</td><td>18</td><td>GY</td><td>3566559C1</td></tr> <tr><td>44</td><td>L94SF</td><td>18</td><td>GY</td><td>3566559C1</td></tr> <tr><td>45</td><td>L94SAB</td><td>18</td><td>GY</td><td>3566559C1</td></tr> <tr><td>46</td><td>L94SBB</td><td>18</td><td>GY</td><td>3566559C1</td></tr> <tr><td>47</td><td>L94SCB</td><td>18</td><td>GY</td><td>3566559C1</td></tr> <tr><td>48</td><td>L94SOB</td><td>18</td><td>GY</td><td>3566559C1</td></tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	L94BA	18	DK BL	3566559C1	2	L94BB	18	YL	3566559C1	3	L94BC	18	GY	3566559C1	4	L94BF	18	OR	3566559C1	5	L94CB	18	PL	3566559C1	6	L94BH	18	LTGN	3566559C1	7	L94BJ	18	LTBL	3566559C1	8	L94BK	18	BK	3566559C1	9	L94BL	18	RD	3566559C1	10	L94BM	18	BN	3566559C1	11	LYL2(+)	18	YL	3566559C1	13	LGN2(-)	18	GN	3566559C1	14	L94BN	18	BN	3566559C1	15	L94BP	18	RD	3566559C1	16	L94BR	18	BK	3566559C1	17	L94BS	18	PL	3566559C1	18	L94BT	18	LTBL	3566559C1	19	L94BU	18	LTGN	3566559C1	20	L94BV	18	BN	3566559C1	21	L94BW	18	DKBL	3566559C1	22	L94BX	18	YL	3566559C1	23	L94BY	18	DKBL	3566559C1	24	L94BZ	18	OR	3566559C1	25	L94CA	18	GY	3566559C1	26	-	-	-	-	27	-	-	-	-	28	-	-	-	-	29	-	-	-	-	30	-	-	-	-	31	-	-	-	-	32	-	-	-	-	33	-	-	-	-	34	-	-	-	-	35	L94SJ	18	GY	3566559C1	36	L94SK	18	GY	3566559C1	37	L94SM	18	GY	3566559C1	38	L94SN	18	GY	3566559C1	39	L94SL	18	GY	3566559C1	40	L94SE	18	GY	3566559C1	41	L94SH	18	GY	3566559C1	42	L94SVD	18	GY	3566559C1	43	L94SZD	18	GY	3566559C1	44	L94SF	18	GY	3566559C1	45	L94SAB	18	GY	3566559C1	46	L94SBB	18	GY	3566559C1	47	L94SCB	18	GY	3566559C1	48	L94SOB	18	GY	3566559C1
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48	L94SOB	18	GY	3566559C1																																																																																																																																																																																																																																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> <tr> <td>CNA</td> <td>14 JUN 06</td> <td>REVISED & REDRAWN</td> <td>C</td> <td>59888E</td> <td>U00EDL2</td> <td>5000/9200/9400/9900 CIRCUIT DIAGRAMS</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>RELEASE NO.</td> <td>DATE</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>P50317A</td> <td>12 FEB 99</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>PART NO.</td> <td>SHEET</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>AE08-52513</td> <td>73</td> </tr> </table>					CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CNA	14 JUN 06	REVISED & REDRAWN	C	59888E	U00EDL2	5000/9200/9400/9900 CIRCUIT DIAGRAMS						RELEASE NO.	DATE						P50317A	12 FEB 99						PART NO.	SHEET						AE08-52513	73																																																																																																																																																																																																			
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Figure 325 Connector Composites (1000)

13.81. CONNECTOR COMPOSITES (471M), (474), (483), P. 74

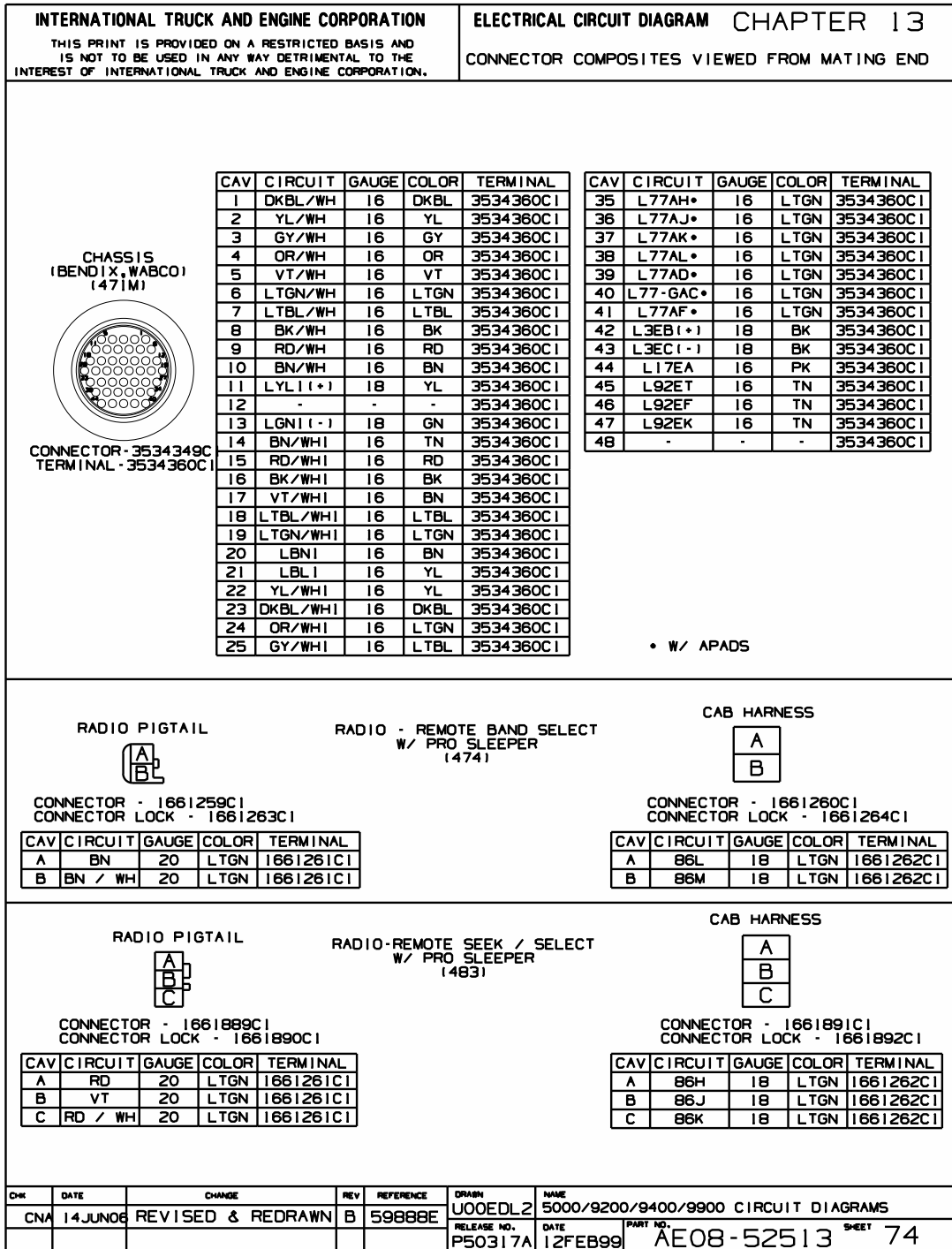


Figure 326 Connector Composites (471M), (474), (483)

13.82. CONNECTOR COMPOSITES (489), (491), (492), (494M), P. 75

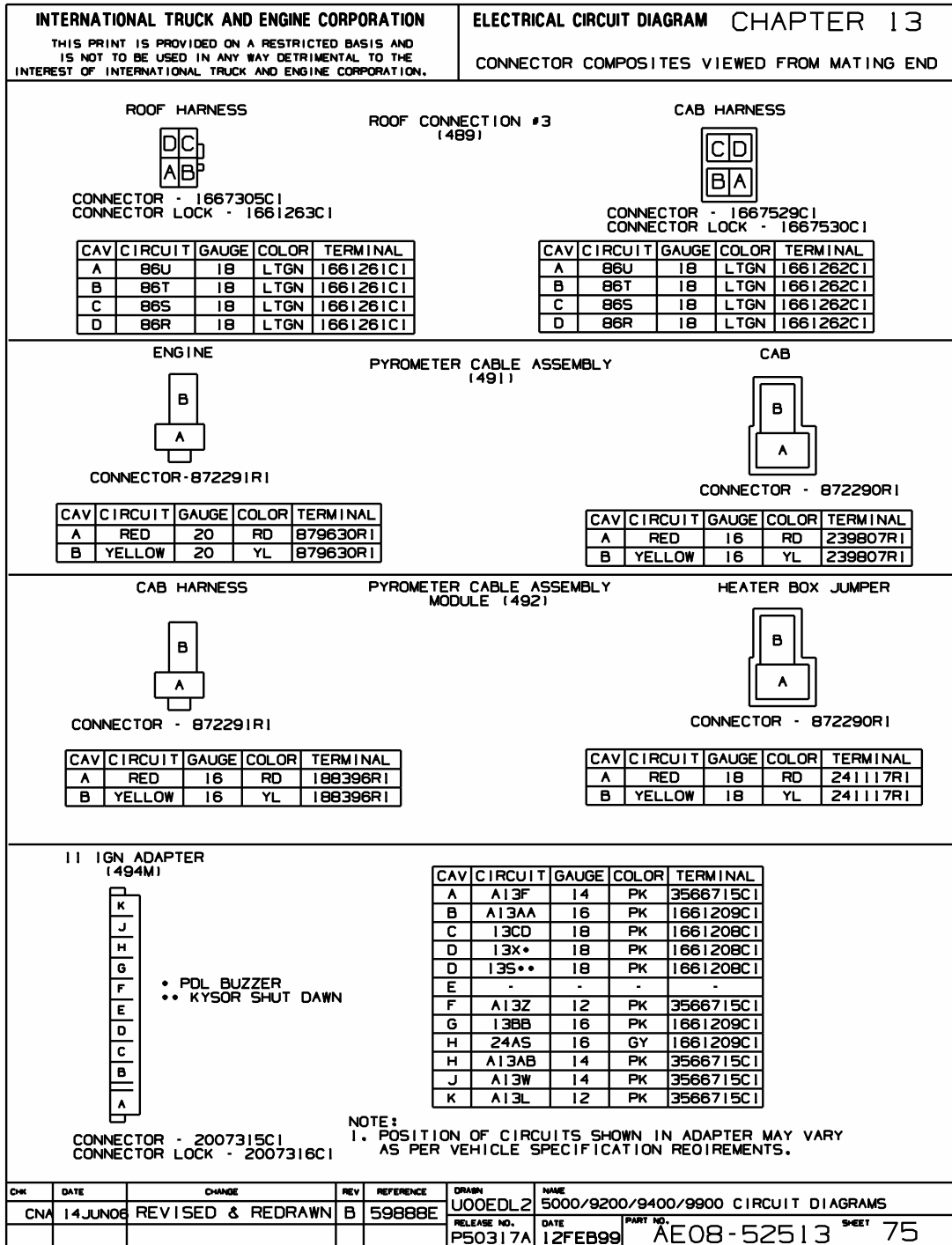


Figure 327 Connector Composites (489), (491), (492), (494M)

13.83. CONNECTOR COMPOSITES (495M), (497M), (498M), P. 76

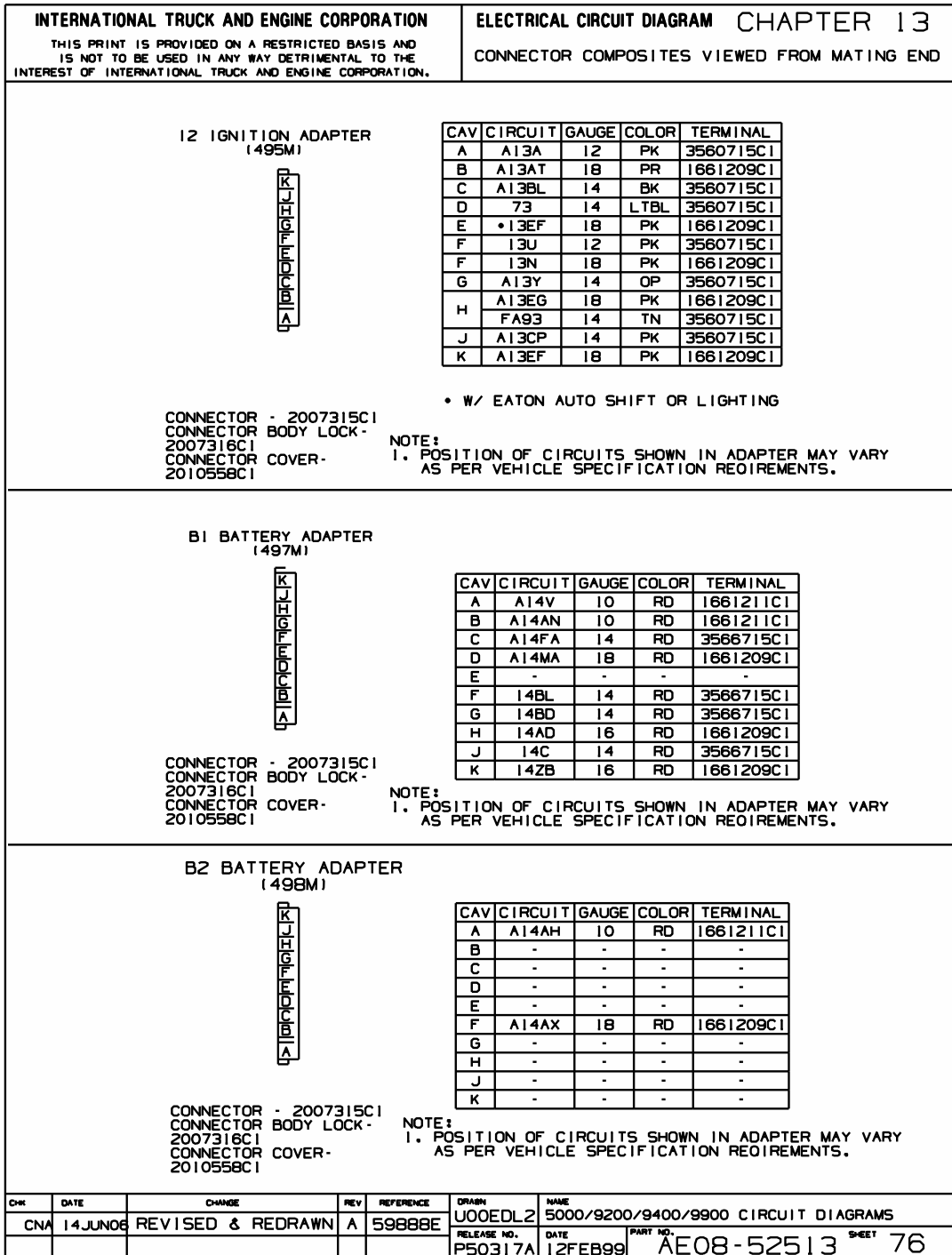


Figure 328 Connector Composites (495M), (497M), (498M)

13.84. CONNECTOR COMPOSITES (499M), (501M), P. 77

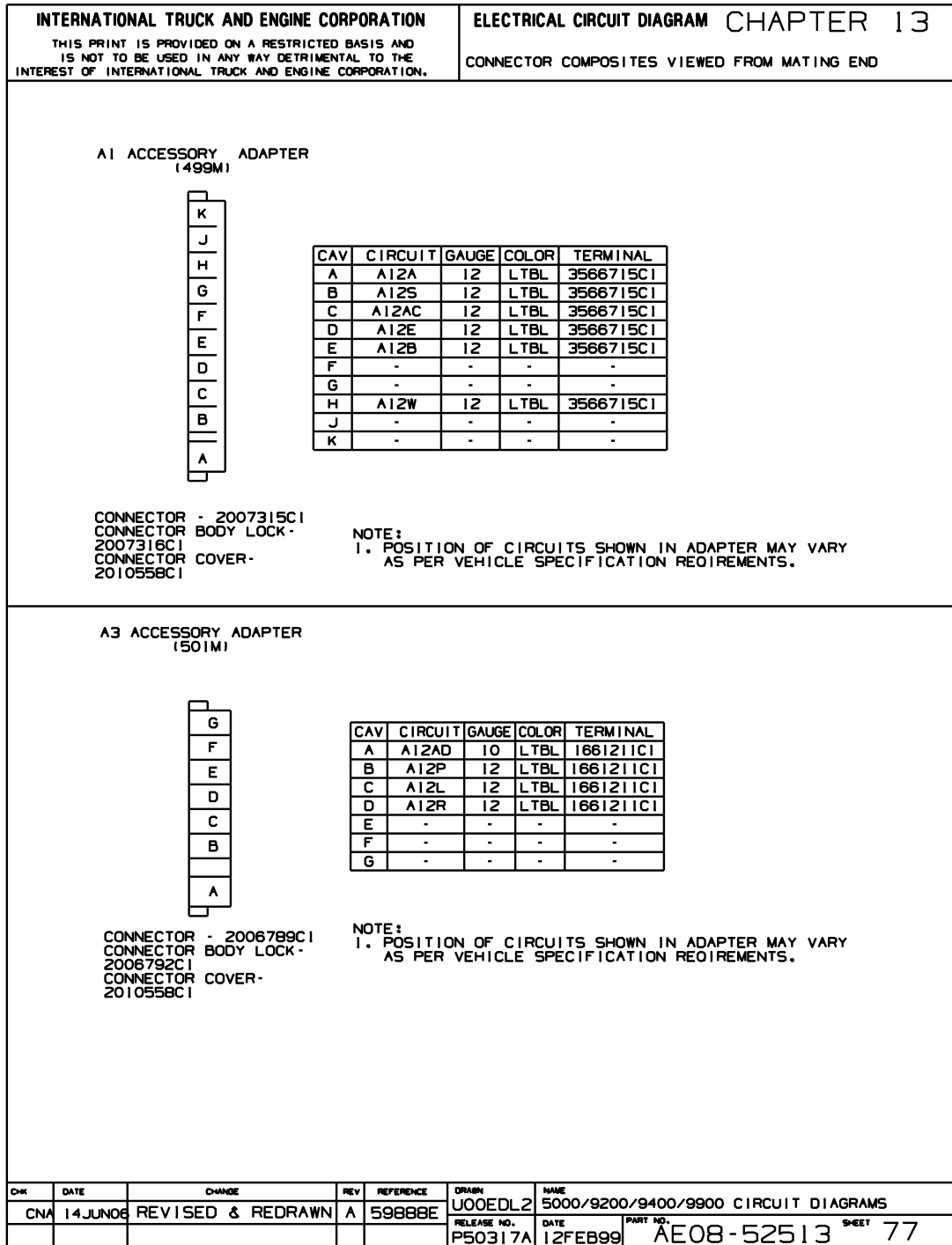


Figure 329 Connector Composites (499M), (501M)

13.85. CONNECTOR COMPOSITES (502), (503M), P. 78

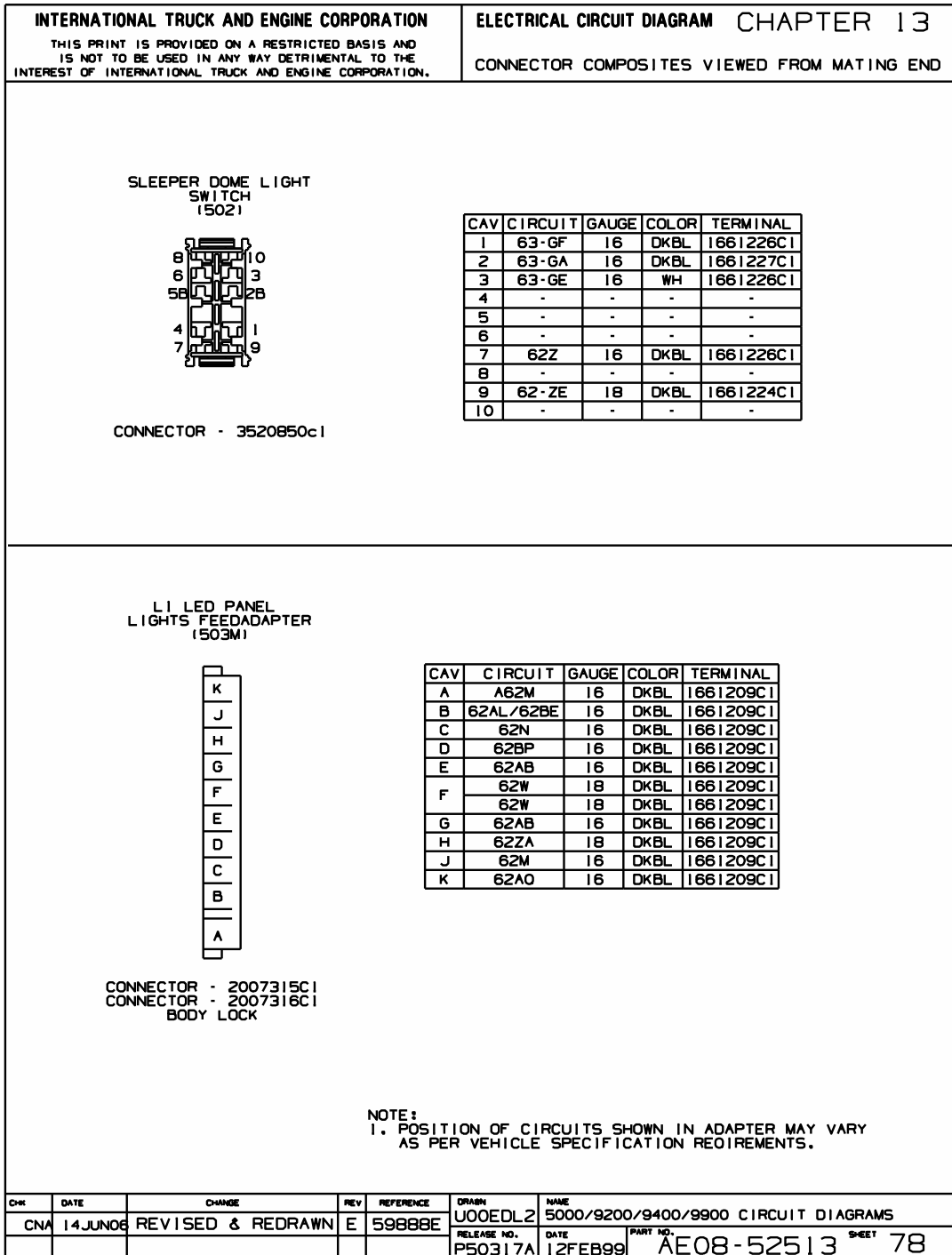


Figure 330 Connector Composite (502), (503M)

13.86. CONNECTOR COMPOSITES (504M), (506M), P. 79

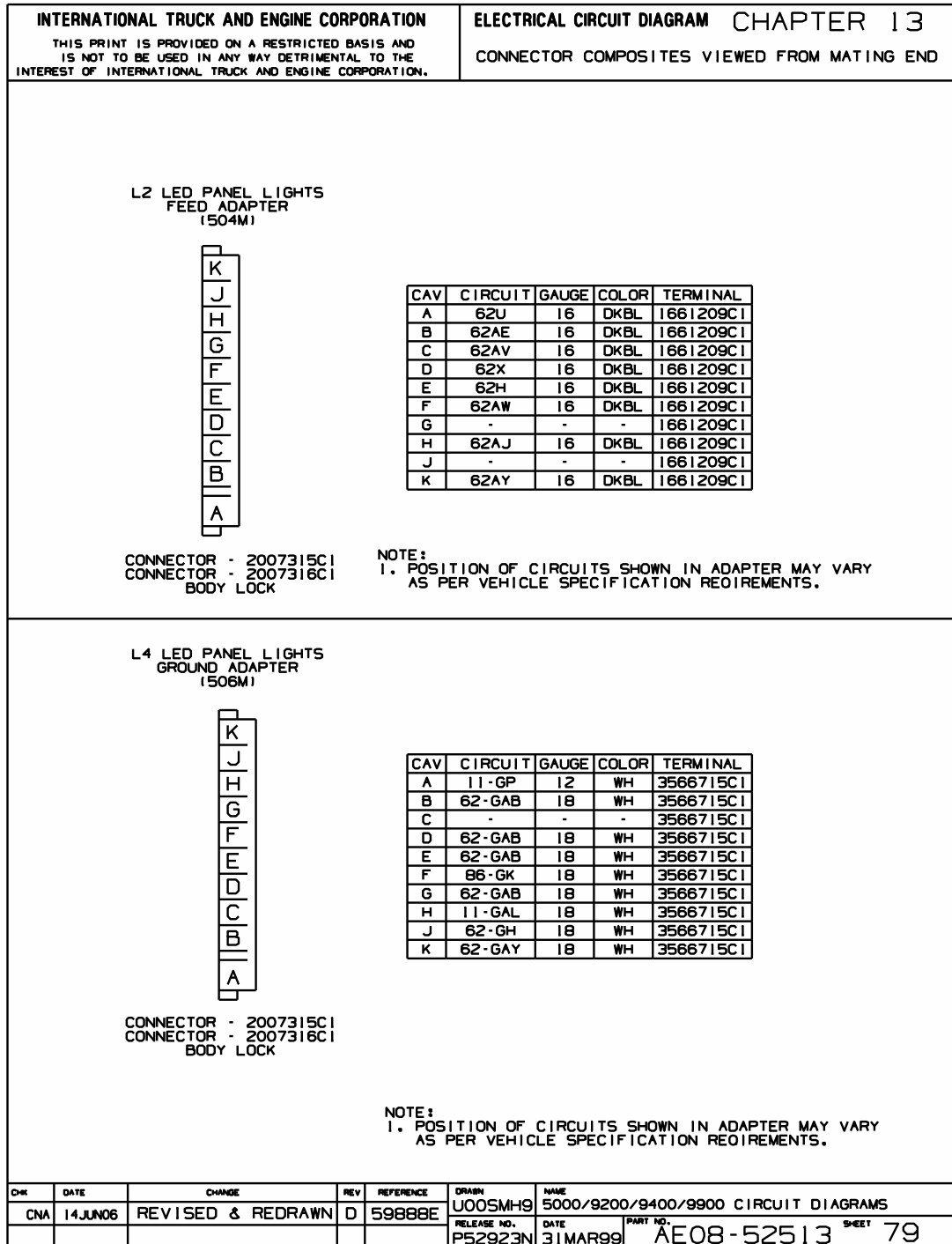


Figure 331 Connector Composites (504M), (506M)

13.87. CONNECTOR COMPOSITES (509M), (511M), P. 80

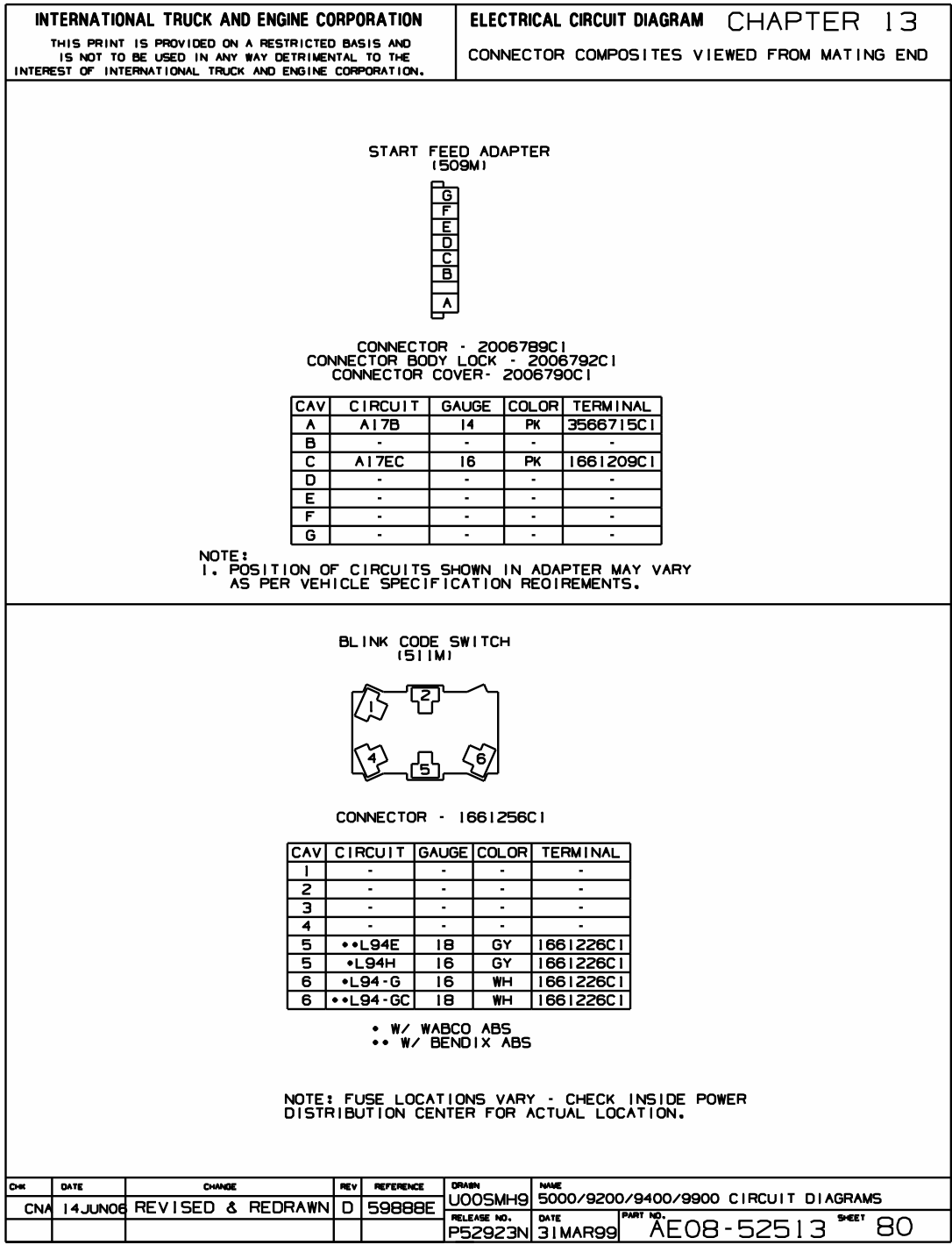


Figure 332 Connector Composites (509M), (511M)

13.88. CONNECTOR COMPOSITES (512F), (513M), P. 81

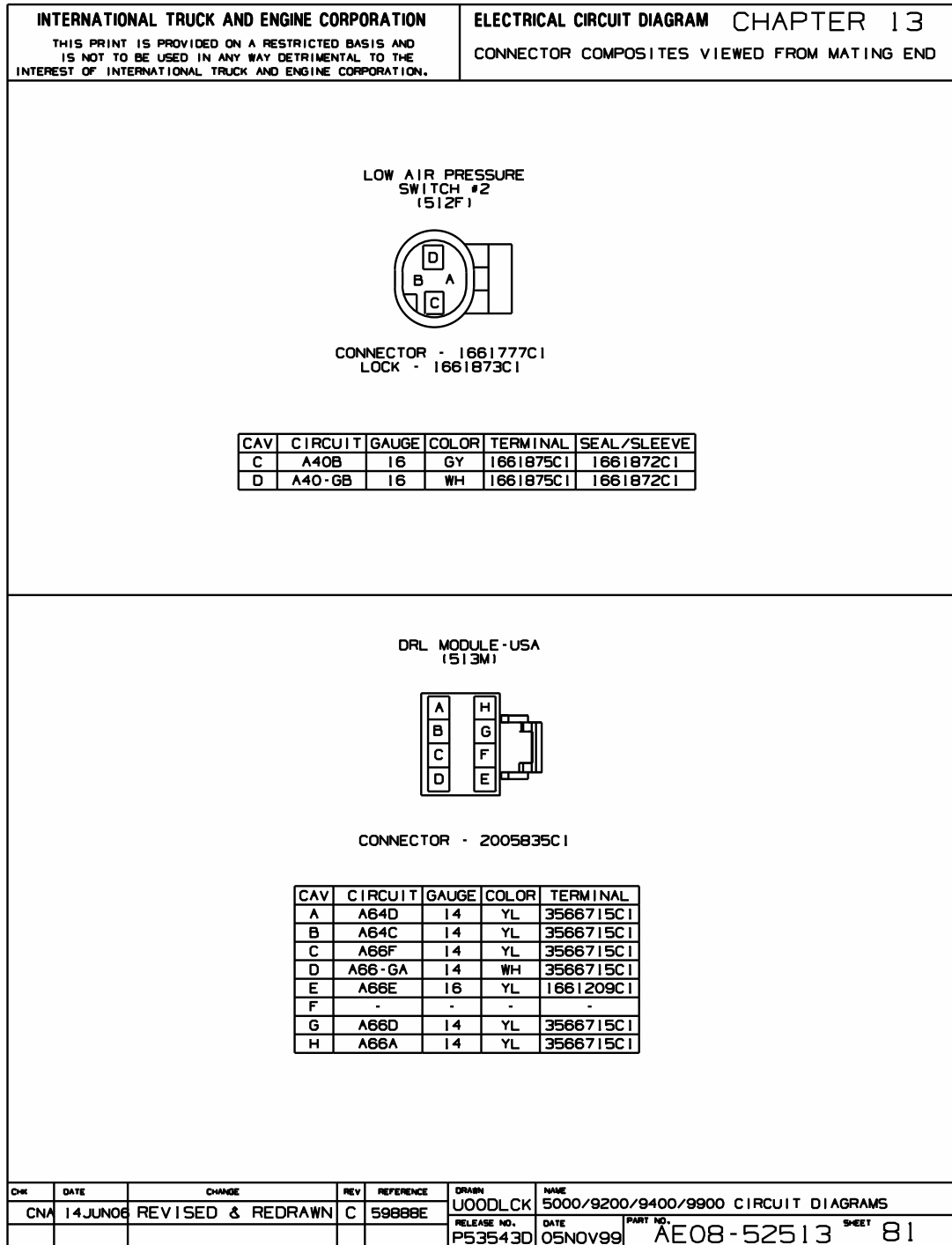


Figure 333 Connector Composites (512F), (513M)

13.89. CONNECTOR COMPOSITES (514M), (515M), P. 82

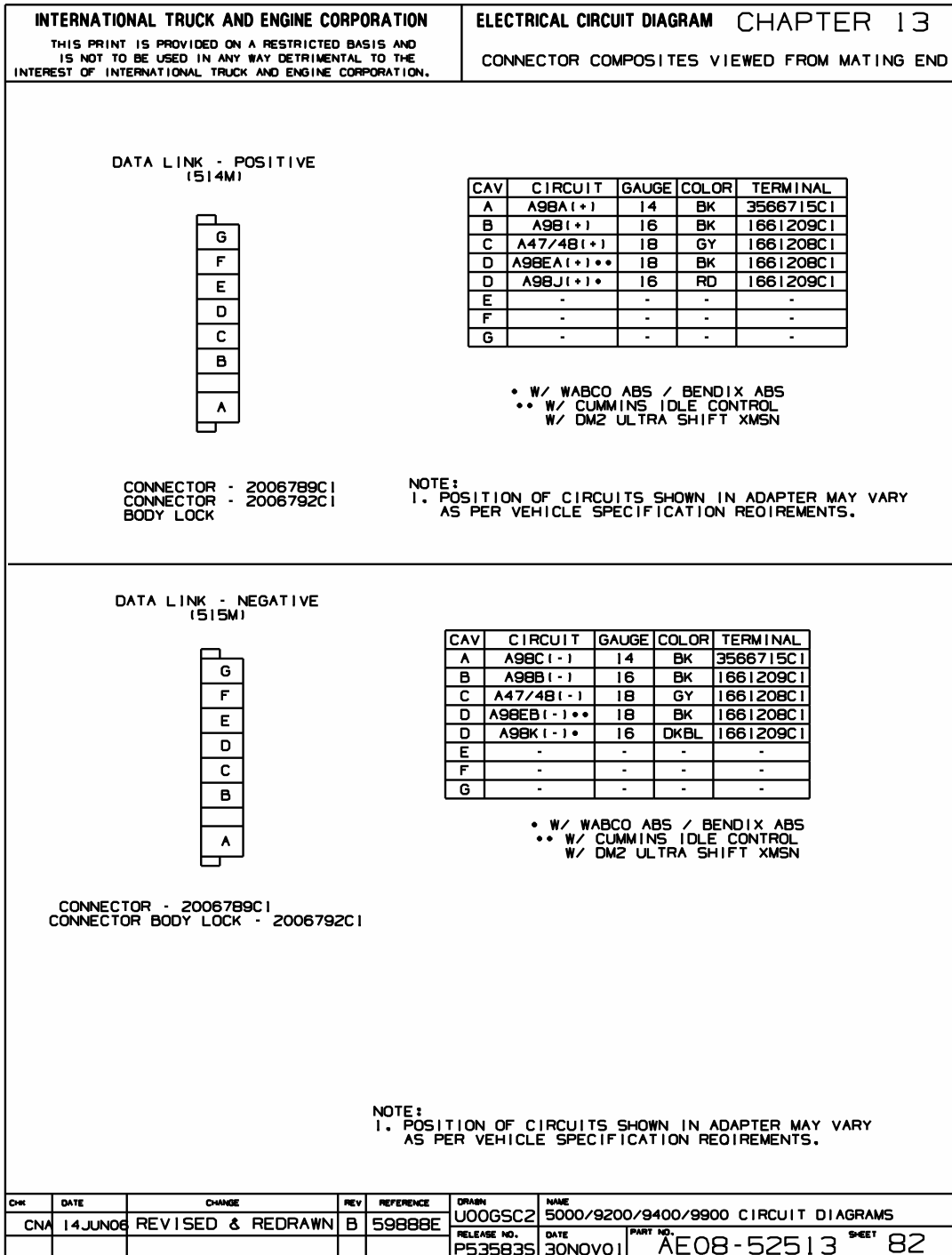


Figure 334 Connector Composites (514M), (515M)

13.90. CONNECTOR COMPOSITE (517), P. 83

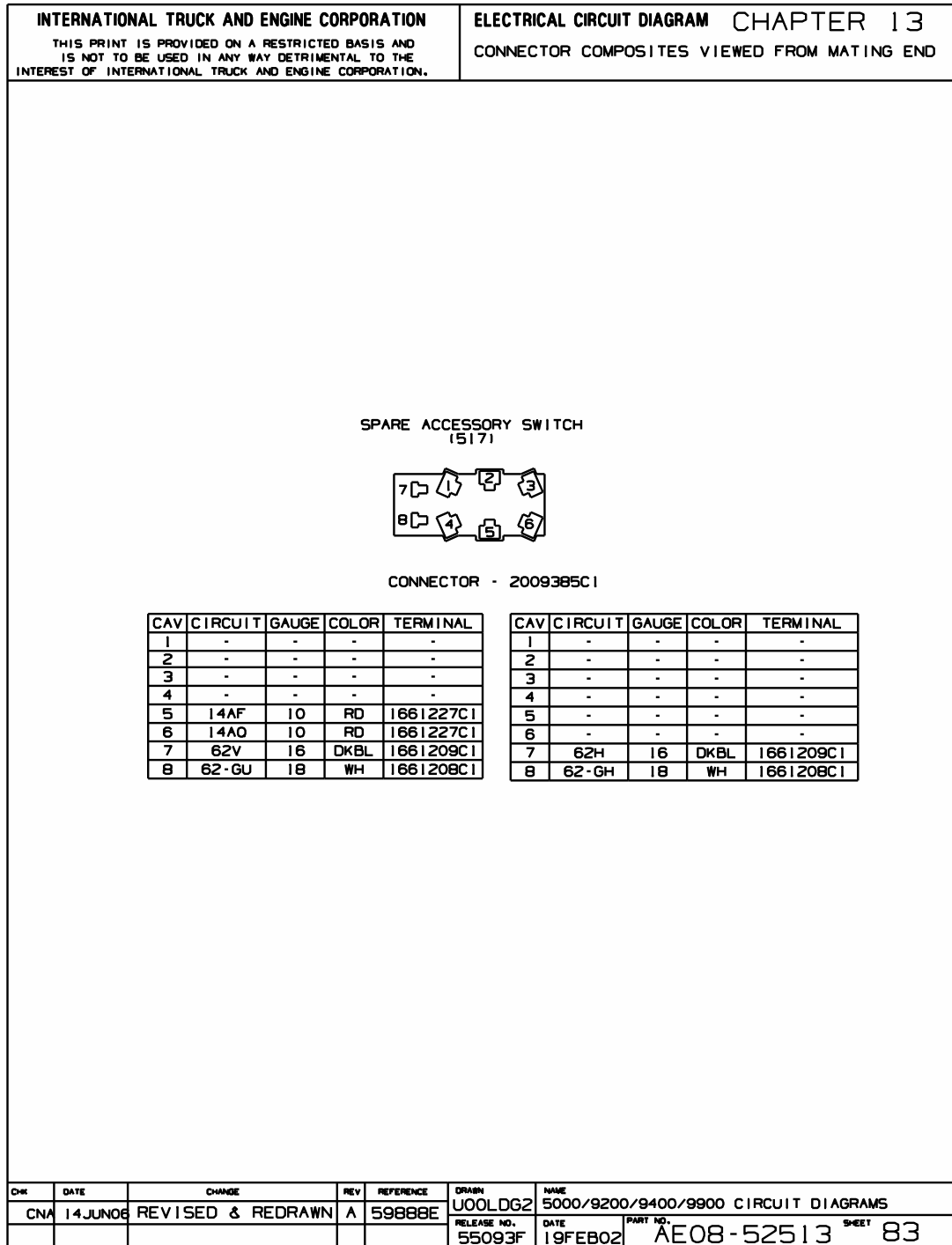


Figure 335 Connector Composite (517)

13.91. CONNECTOR COMPOSITES (520), (521), (522), (523), P. 84

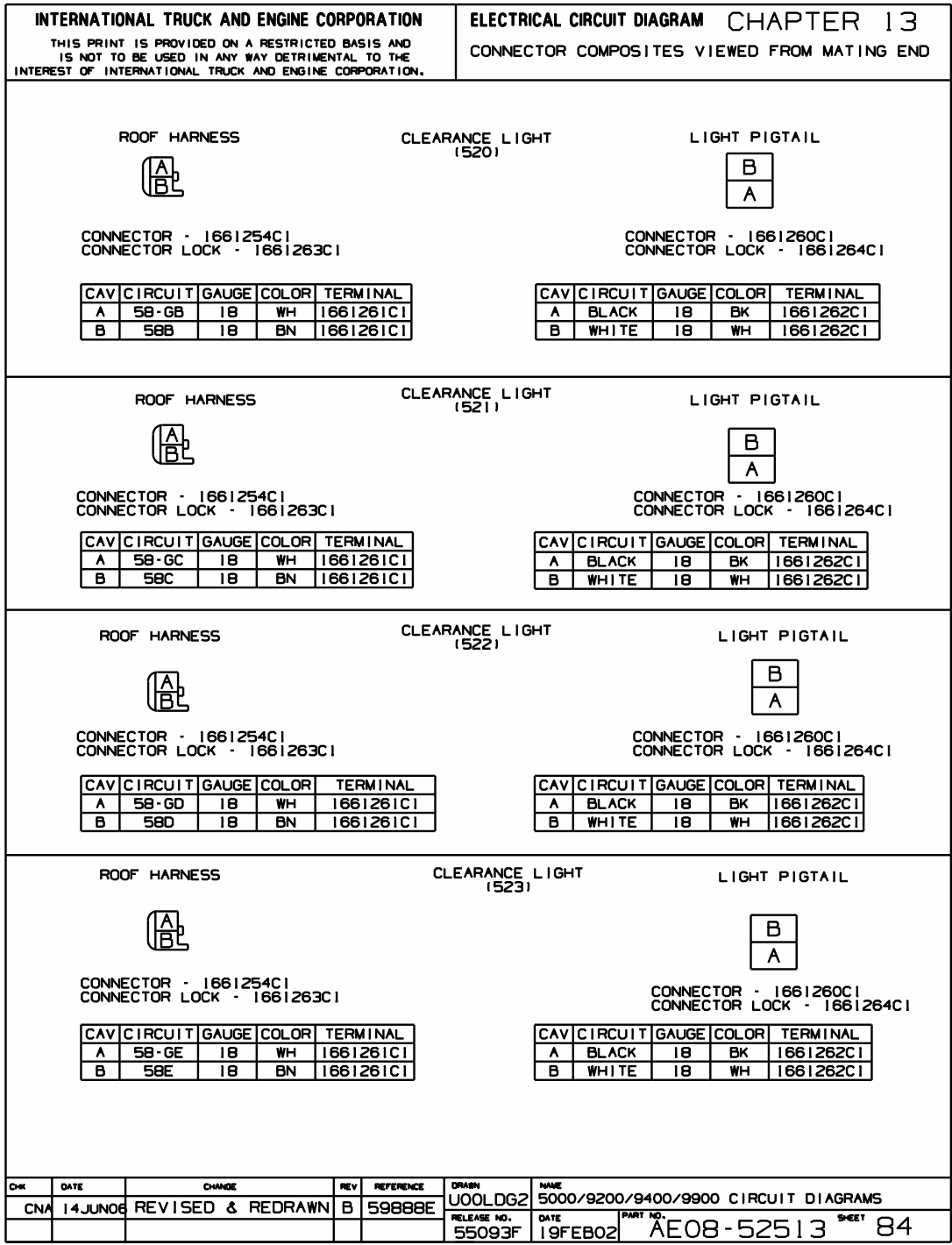


Figure 336 Connector Composites (520), (521), (522), (523)

13.92. CONNECTOR COMPOSITES (524), (528), (529), (530), (531), P. 85

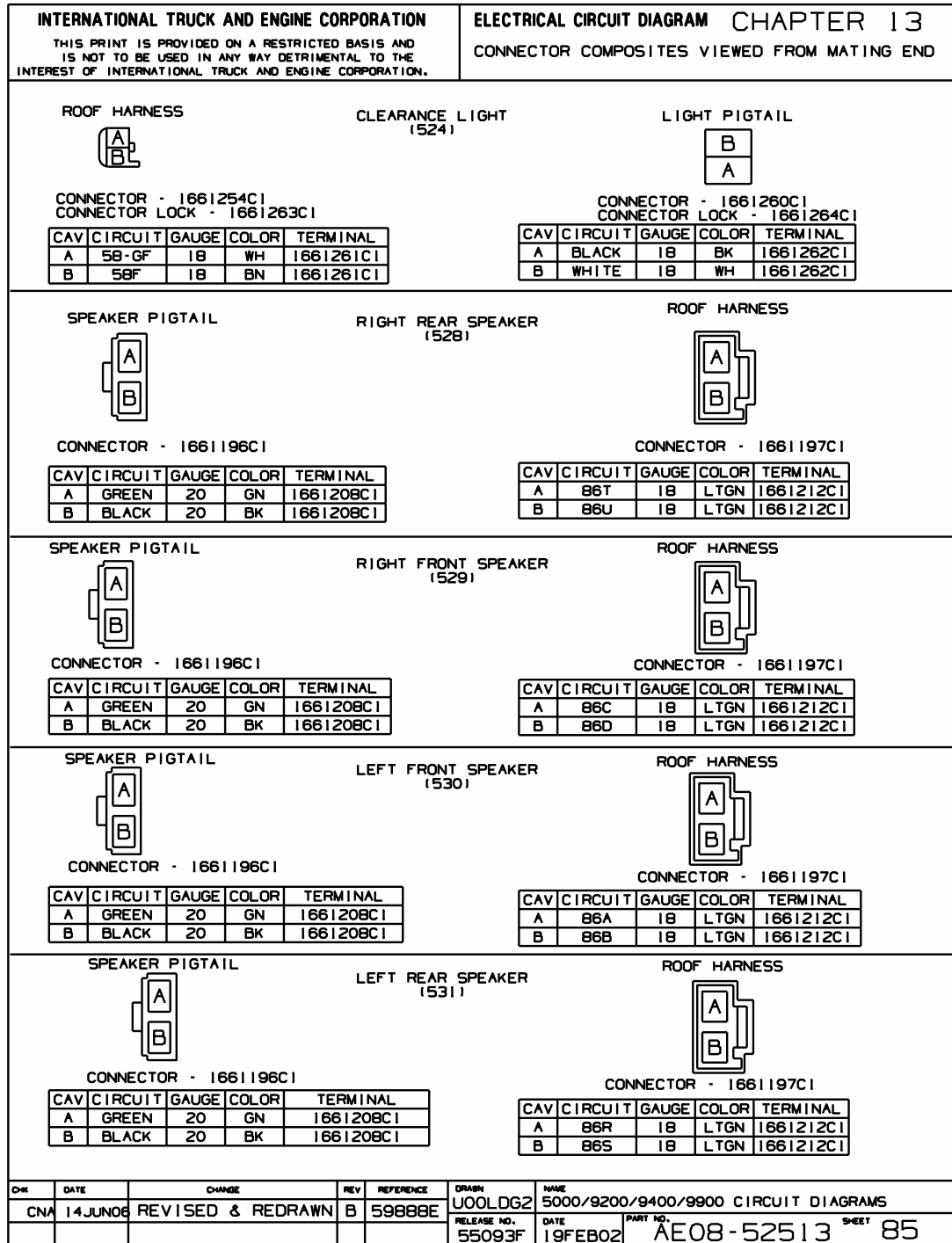


Figure 337 Connector Composites (524), (528), (529), (530), (531)

13.93. CONNECTOR COMPOSITES (550), (560), (562), (574), P. 86

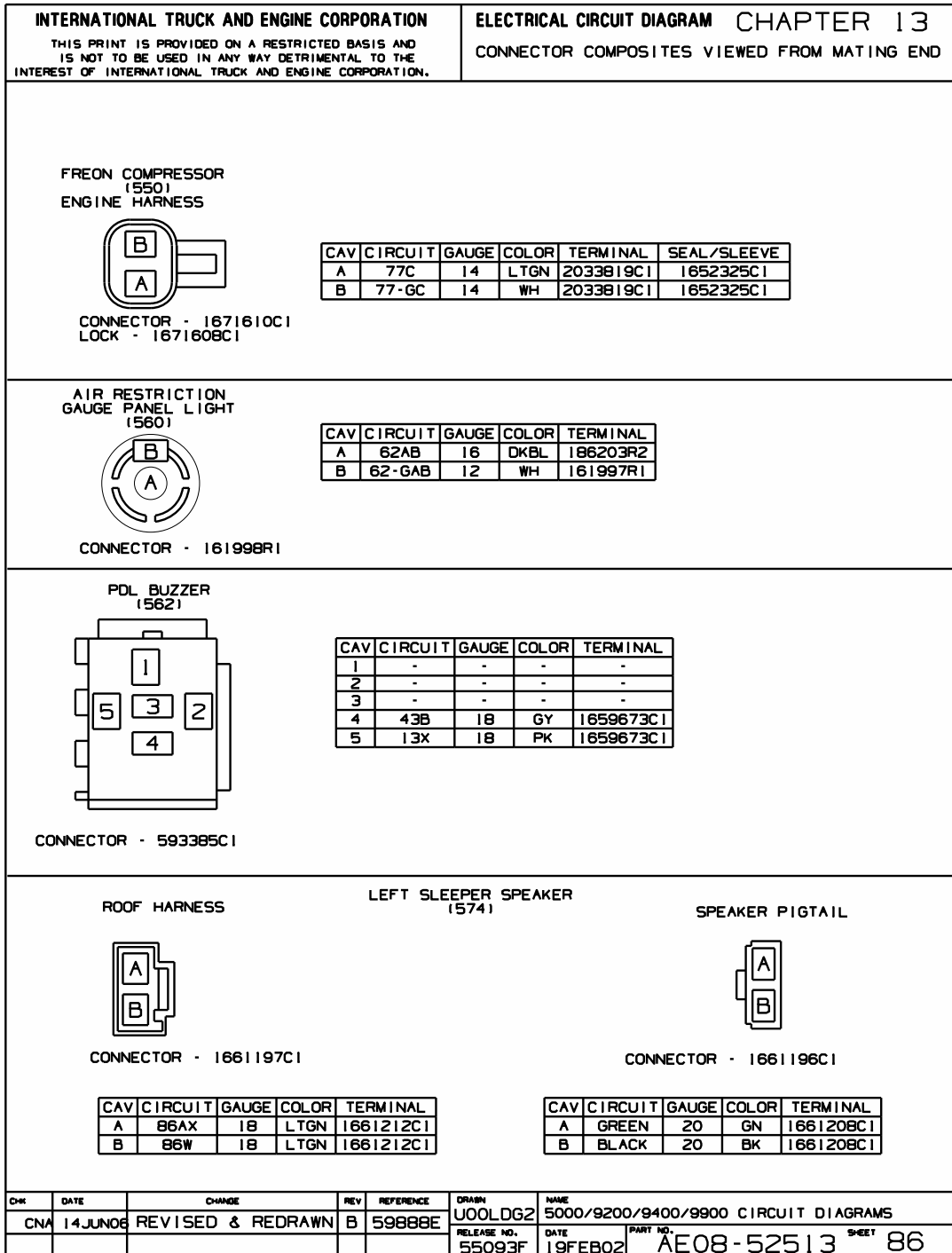


Figure 338 Connector Composites (550), (560), (562), (574)

13.94. CONNECTOR COMPOSITES (575), (576), (577), (578), (579), P. 87

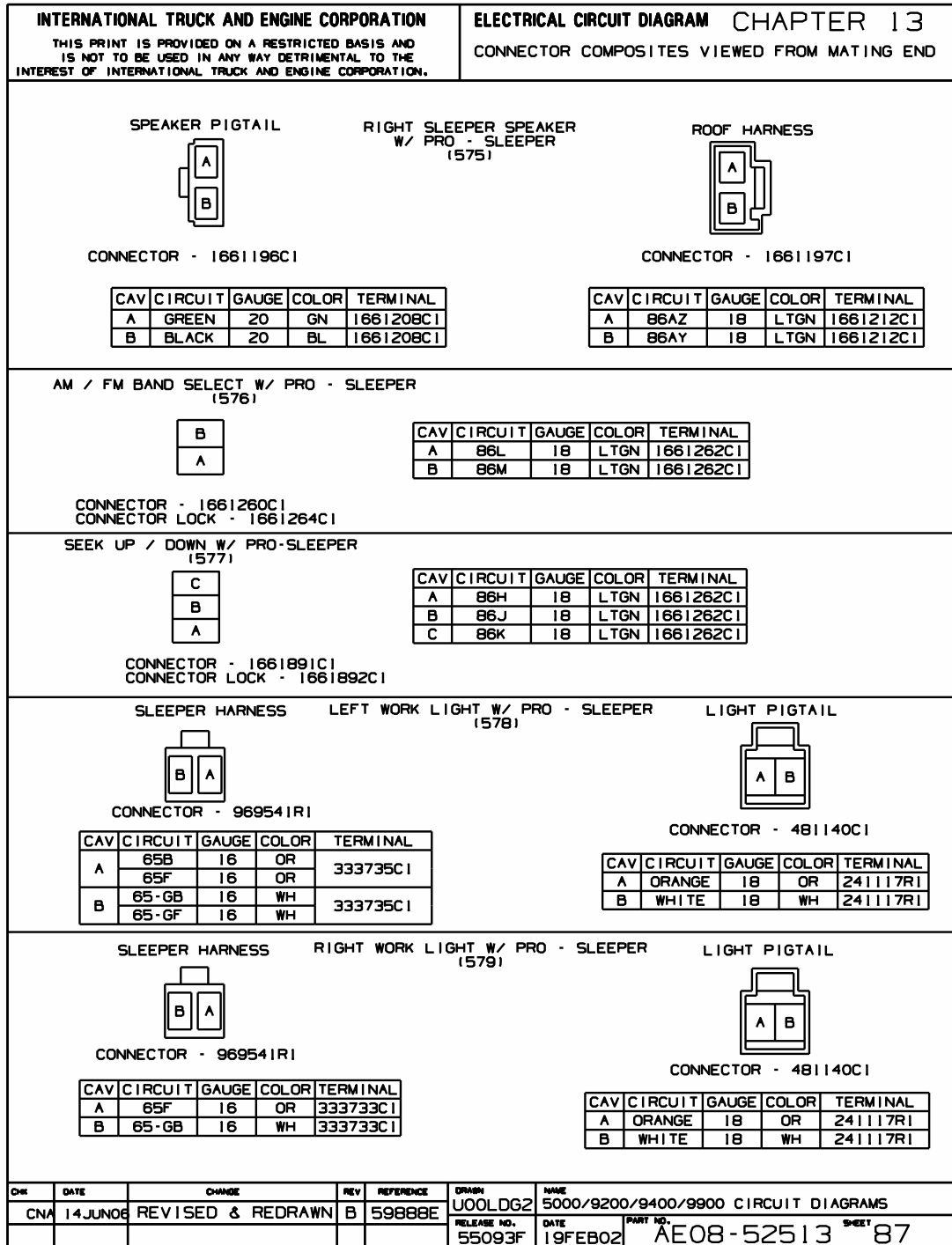


Figure 339 Connector Composites (575), (576), (577), (578), (579)

13.95. CONNECTOR COMPOSITES (582), (584), (585), (587), P. 88

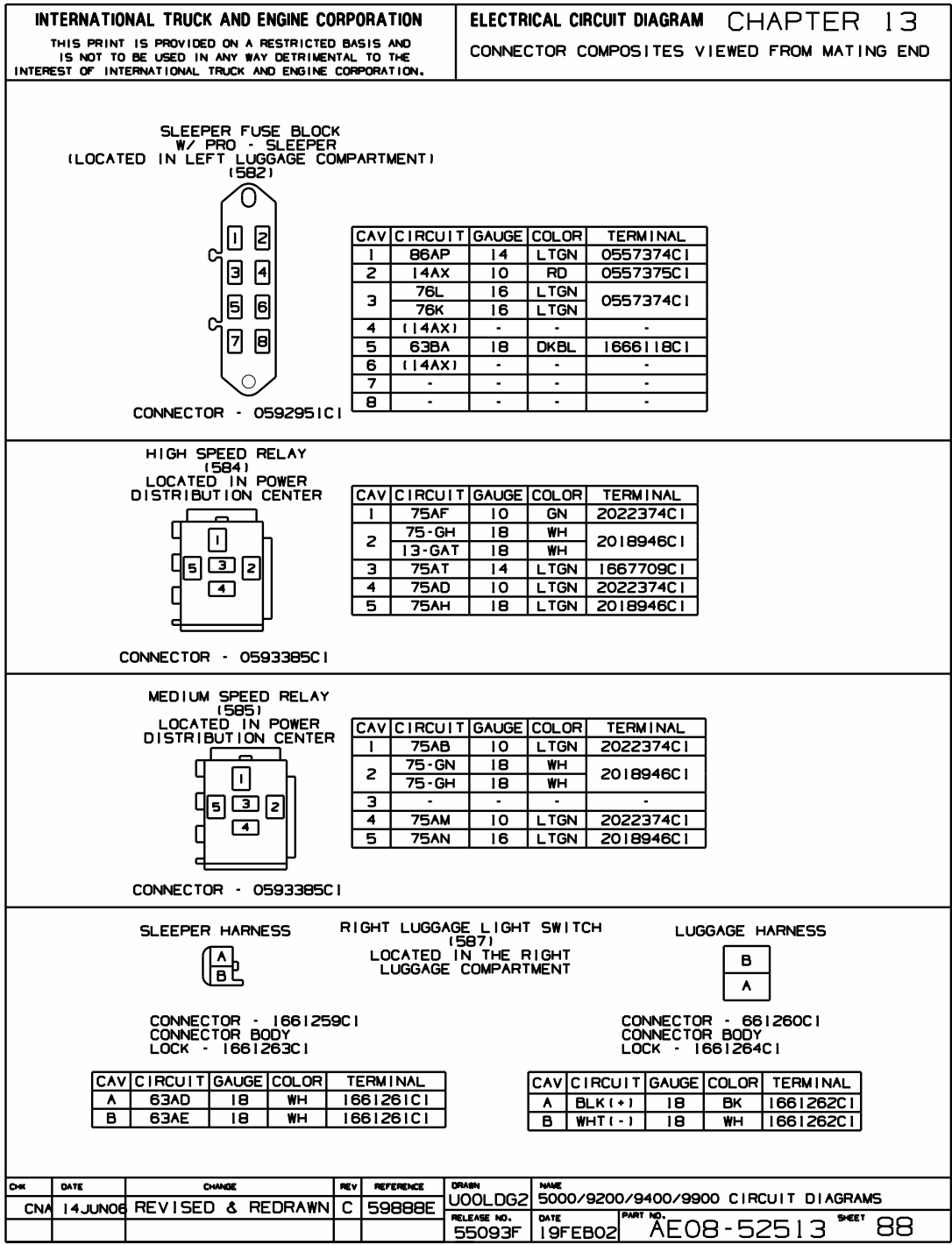


Figure 340 Connector Composites (582), (584), (585), (587)

13.96. CONNECTOR COMPOSITES (592), (592F), (593), (594), (600), P. 89

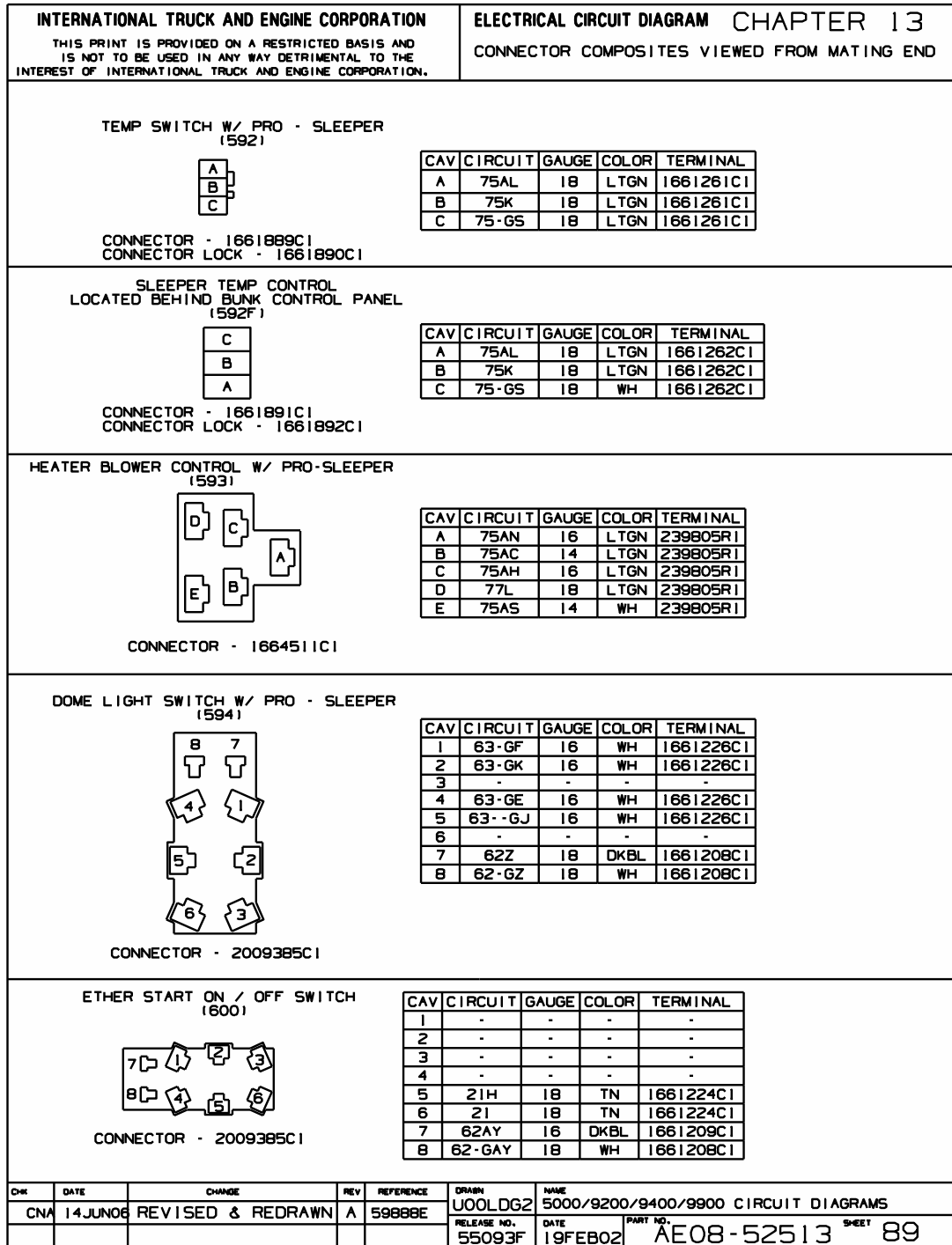


Figure 341 Connector Composites (592), (592F), (593), (594), (600)

13.97. CONNECTOR COMPOSITES (603), (605), (607), (610), P. 90

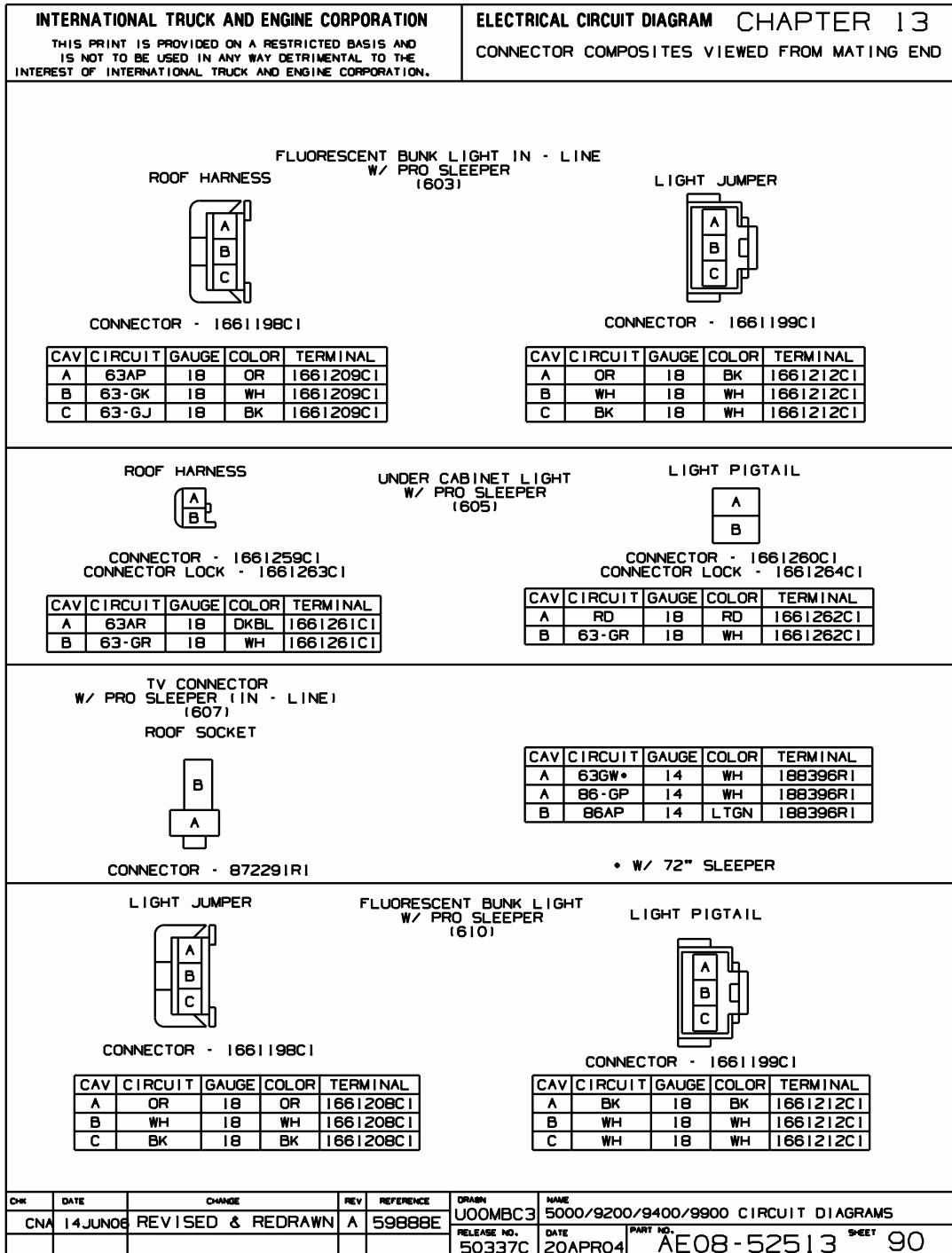


Figure 342 Connector Composites (603), (605), (607), (610)

13.98. CONNECTOR COMPOSITES (604), (606), (611), (612), (640), P. 91

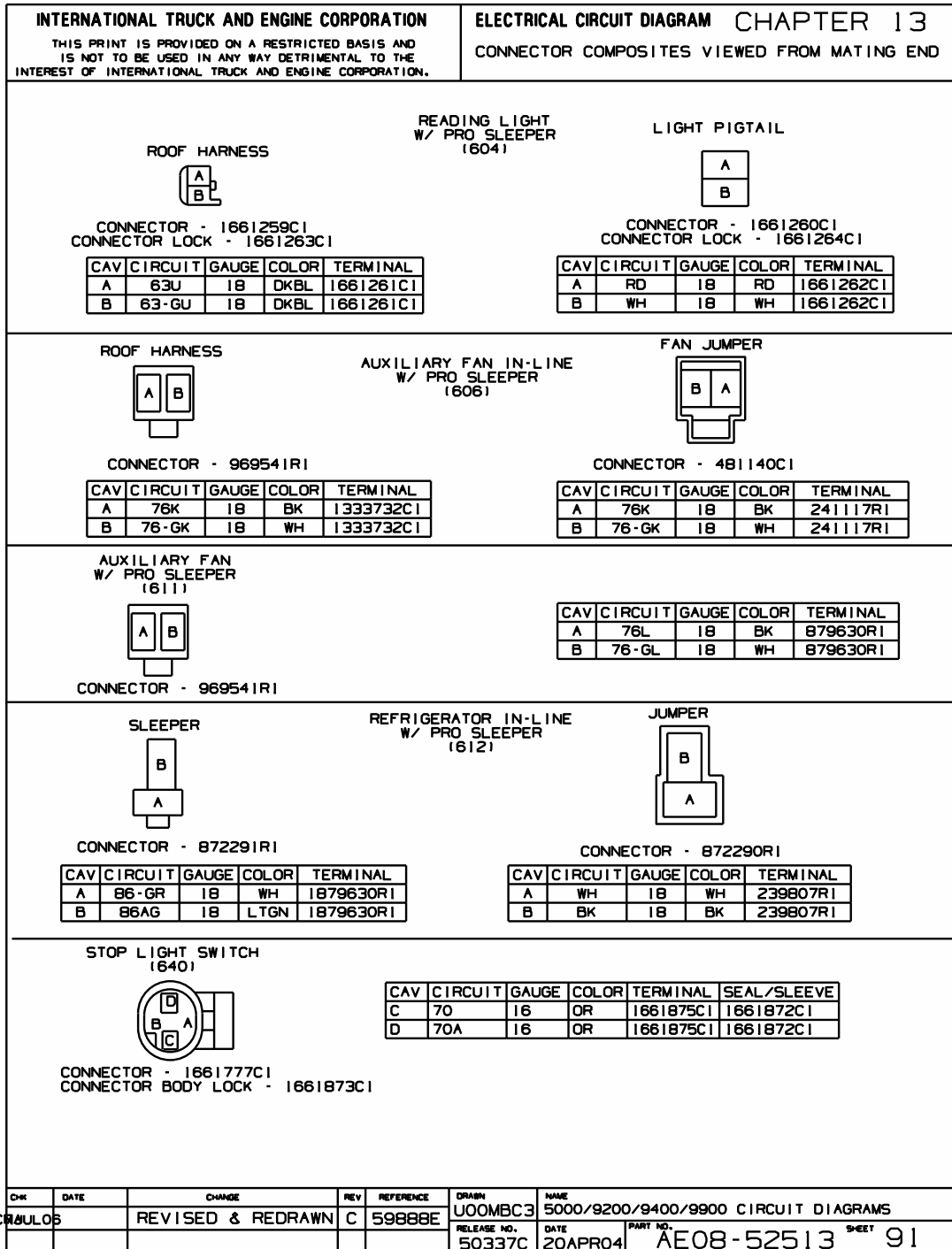


Figure 343 Connector Composites (604), (606), (611), (612), (640)

13.99. CONNECTOR COMPOSITES (613), (642), (643), (659), P. 92

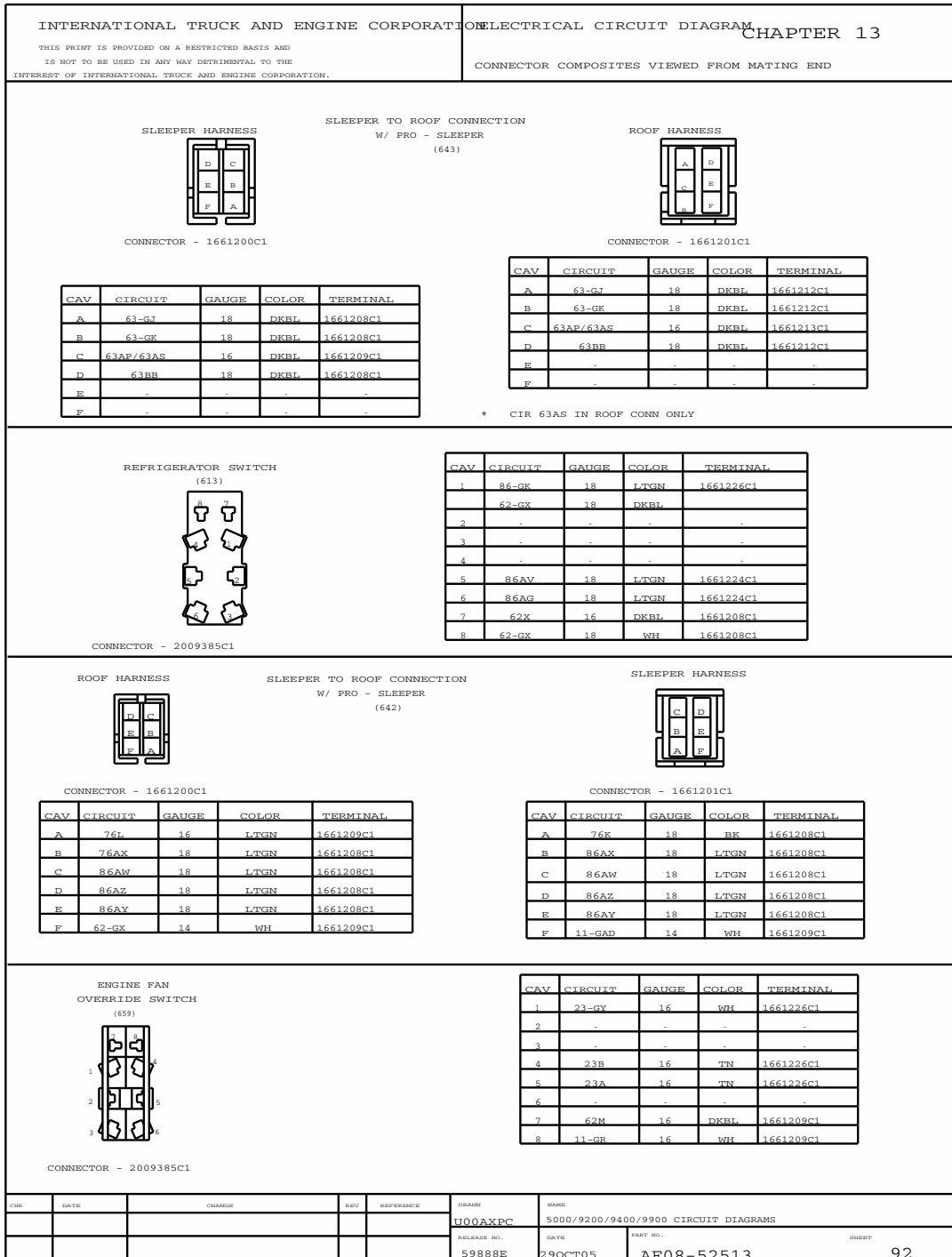


Figure 344 Connector Composites (613), (642), (643), (659)

13.100. CONNECTOR COMPOSITES (662), (675), (676), P. 93

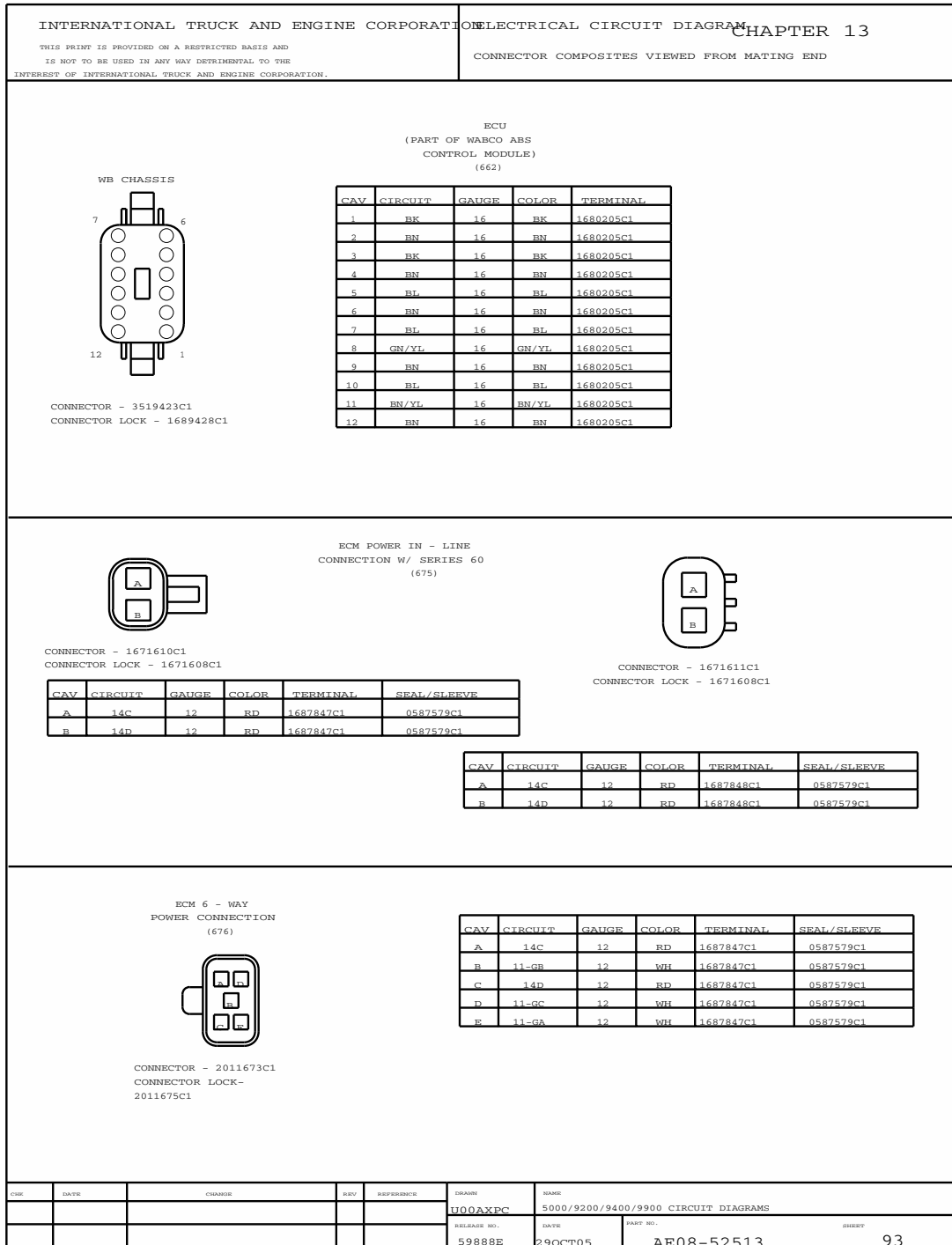


Figure 345 Connector Composites (662), (675), (676)

13.101. CONNECTOR COMPOSITES (690), P. 94

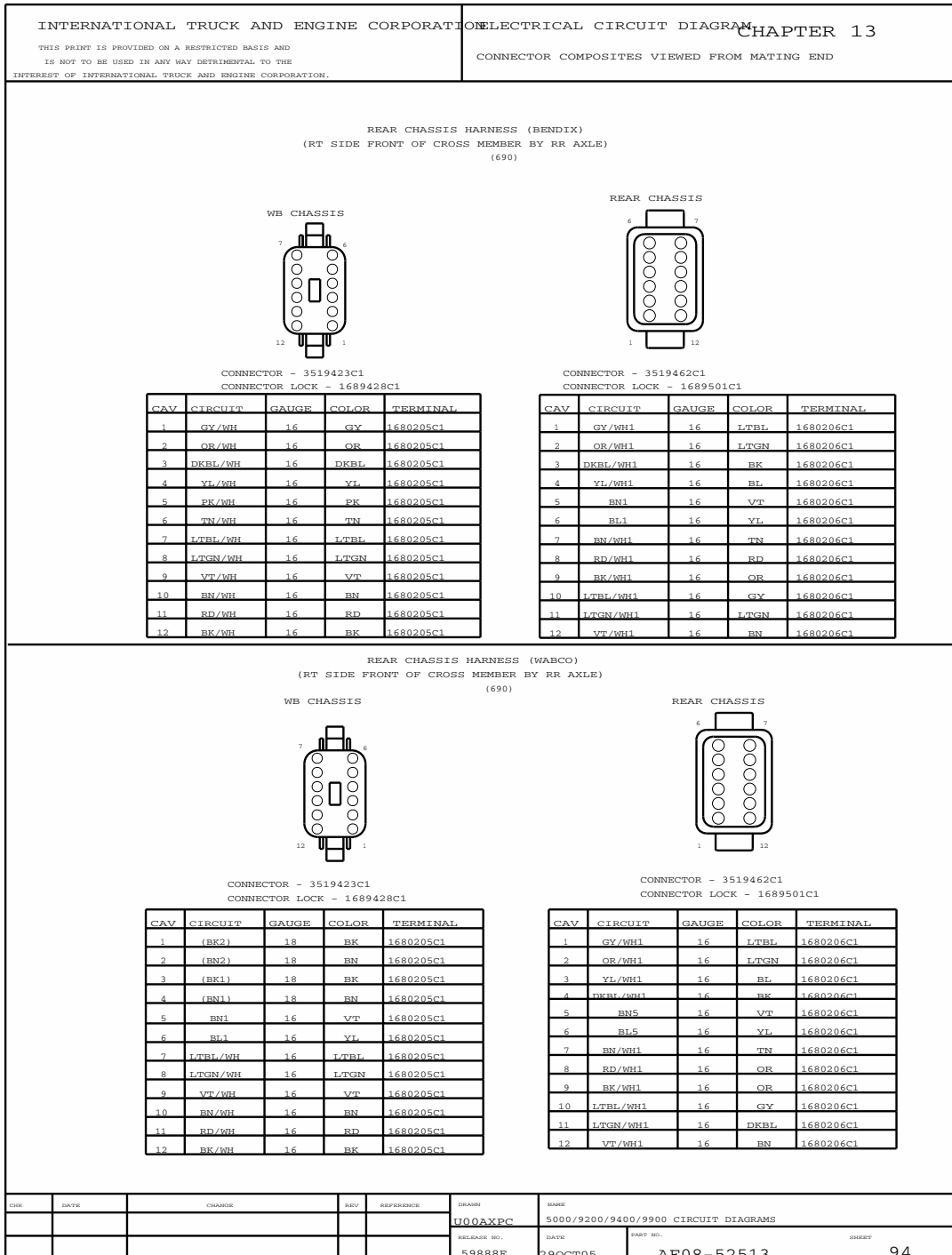


Figure 346 Connector Composites (690)

13.102. CONNECTOR COMPOSITES (720), (753), (755), (766), (767), P. 95

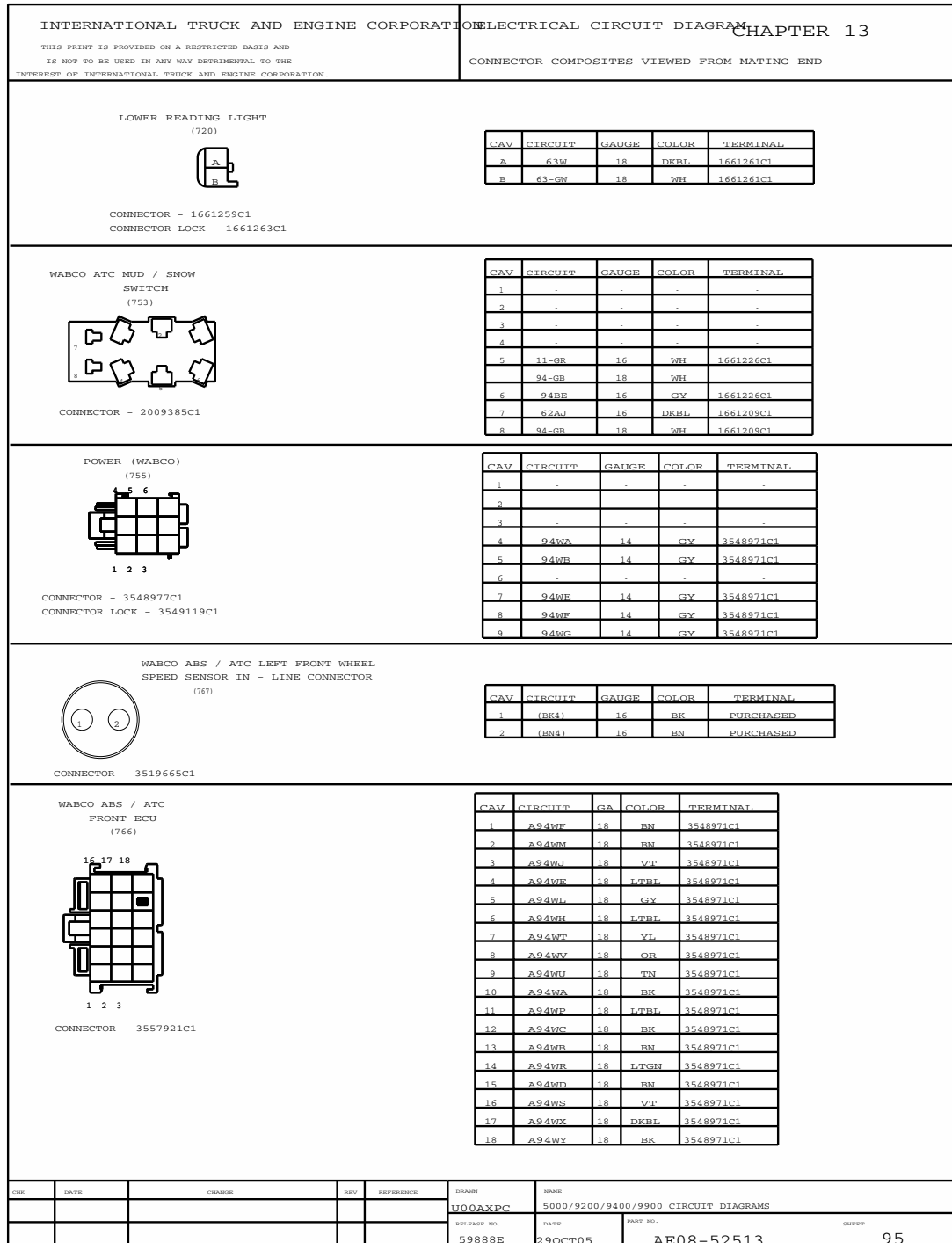


Figure 347 Connector Composites (720), (753), (755), (766), (767)

13.103. CONNECTOR COMPOSITES (768), (769), (770), (771), (774), (775), P. 96

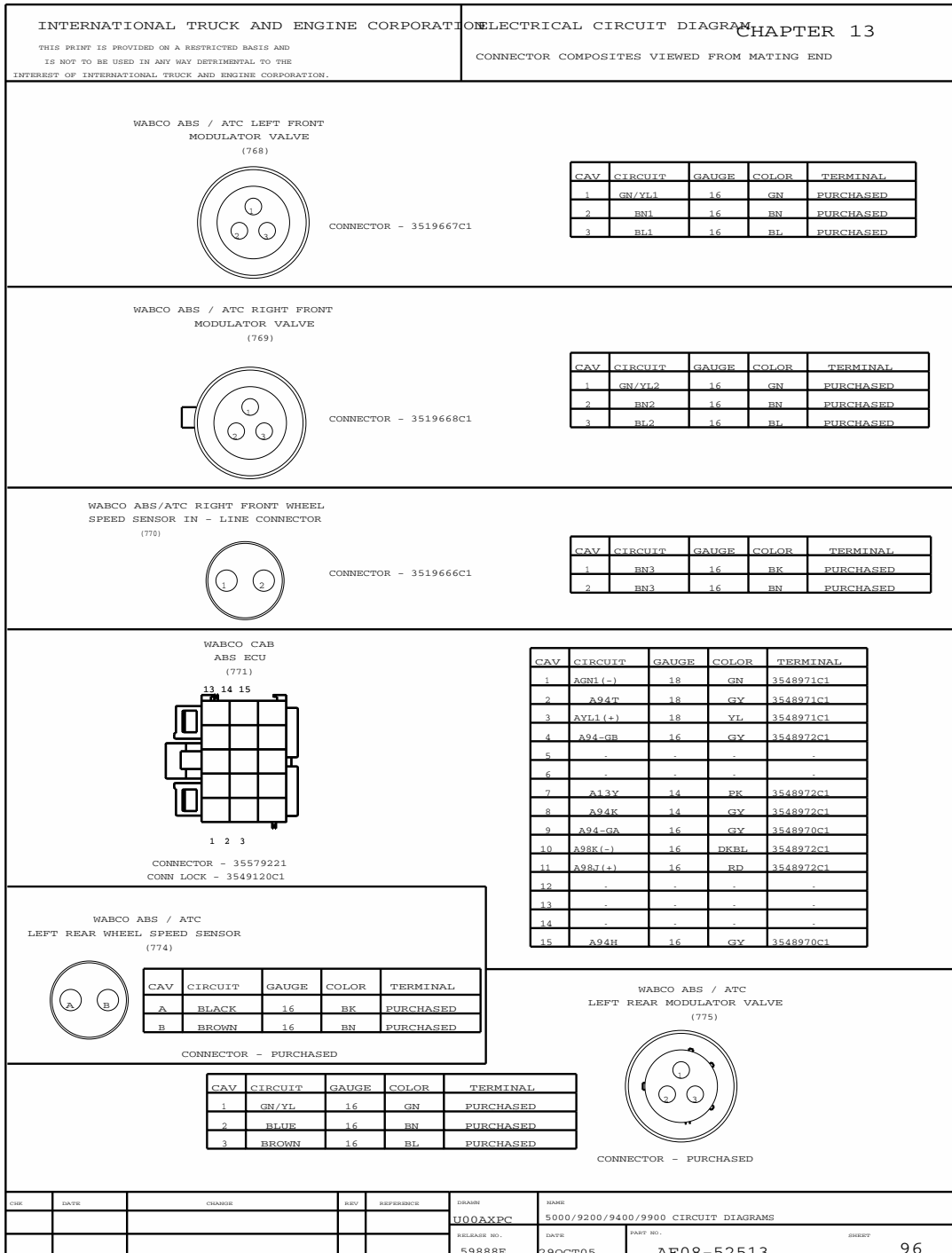


Figure 348 Connector Composites (768), (769), (770), (771), (774), (775)

13.104. CONNECTOR COMPOSITES (776), (777), (778), (789), (791), (815M), (816F), P. 97

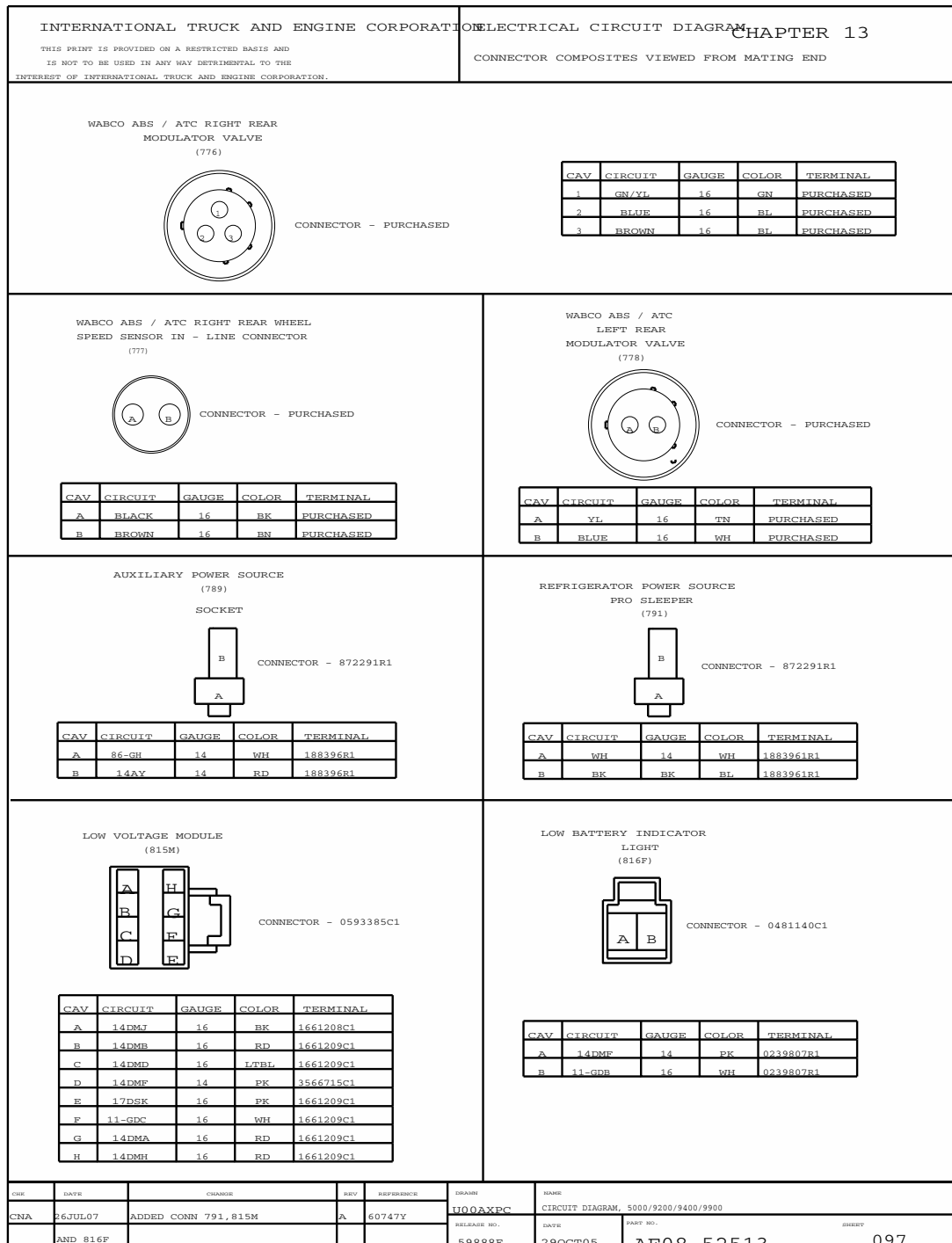


Figure 349 Connector Composites (776), (777), (778), (789), (791), (815M), (816F)

13.105. CONNECTOR COMPOSITES (817M), (818M), (823), (851), (854), (873F), (884), (885), P. 98

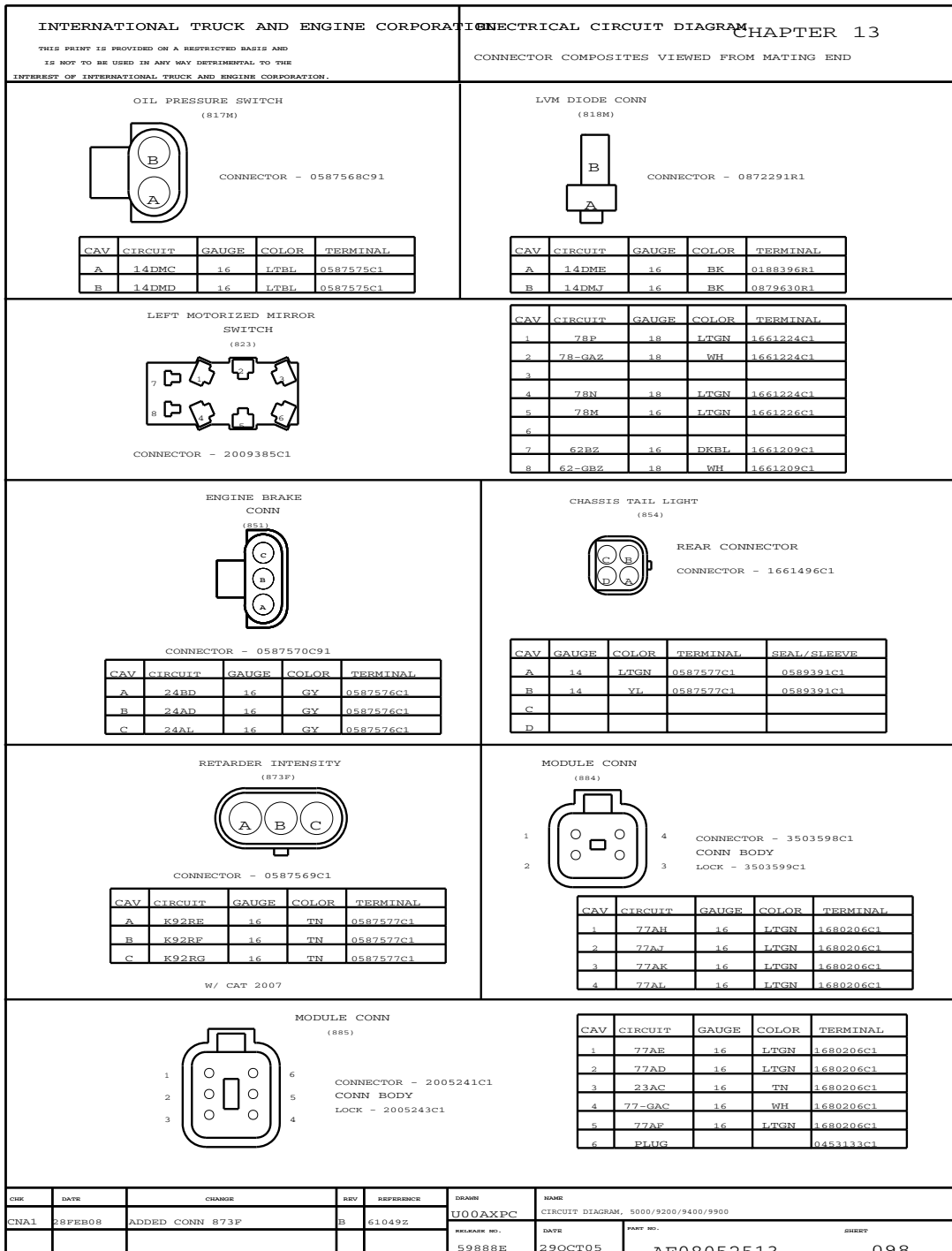


Figure 350 Connector Composites (817M), (818M), (823), (851), (854), (873F), (884), (885)

13.106. CONNECTOR COMPOSITES (851F), (851M), (887), P. 99

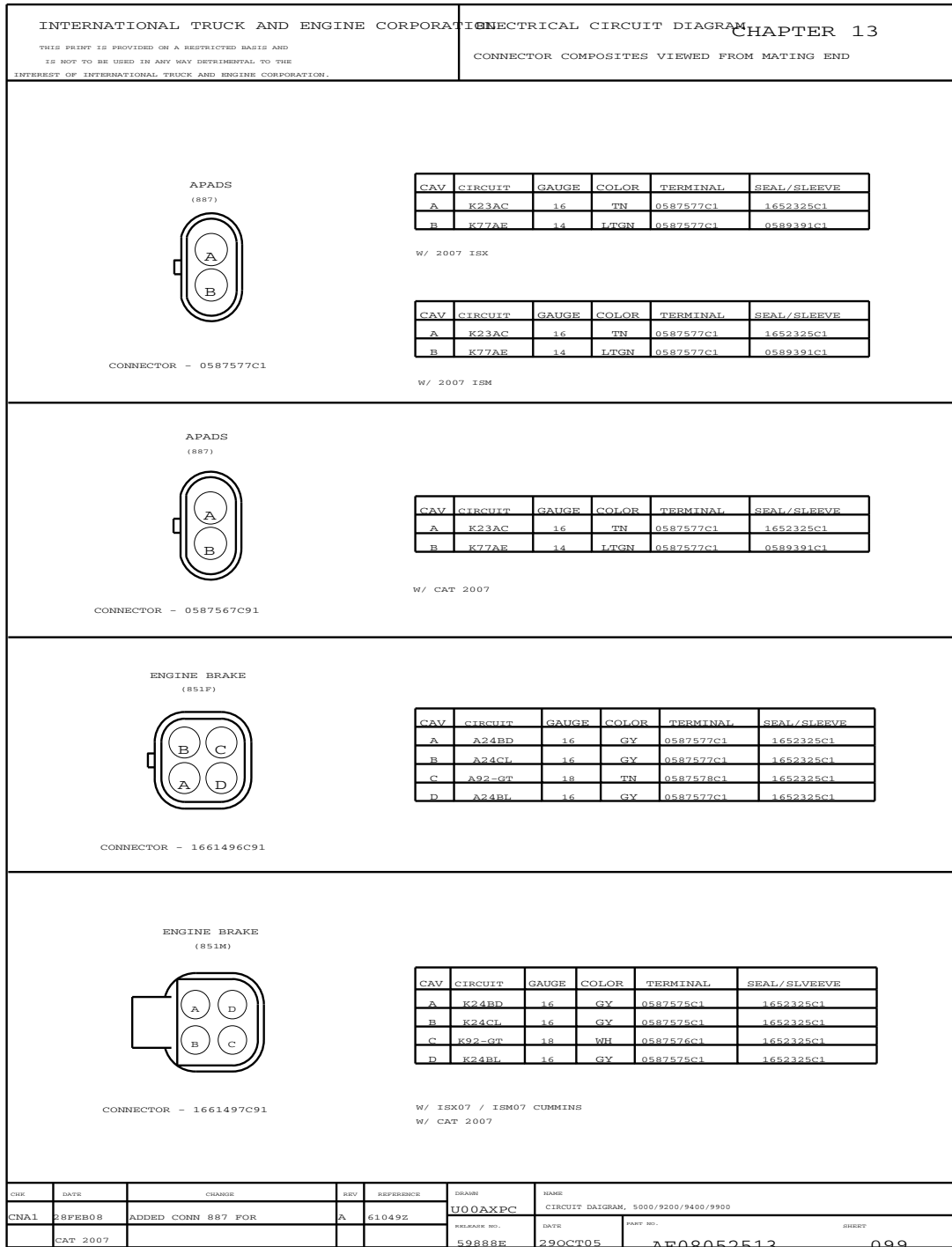


Figure 351 Connector Composites (851F), (851M), (887)

13.107. CONNECTOR COMPOSITES (904), (905), (906), P. 100

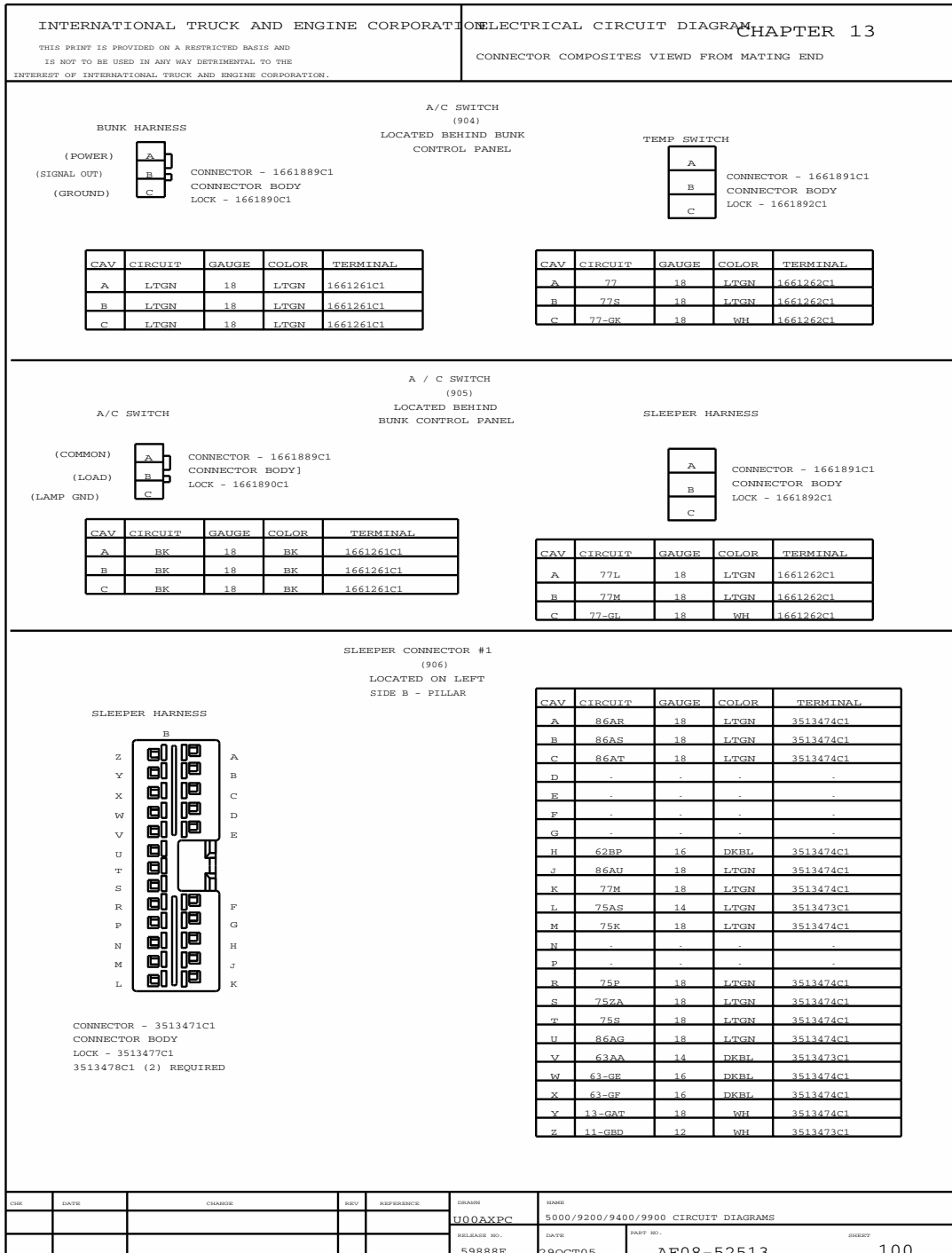


Figure 352 Connector Composites (904), (905), (906)

13.108. CONNECTOR COMPOSITES (906), (907), (909), (912), P. 101

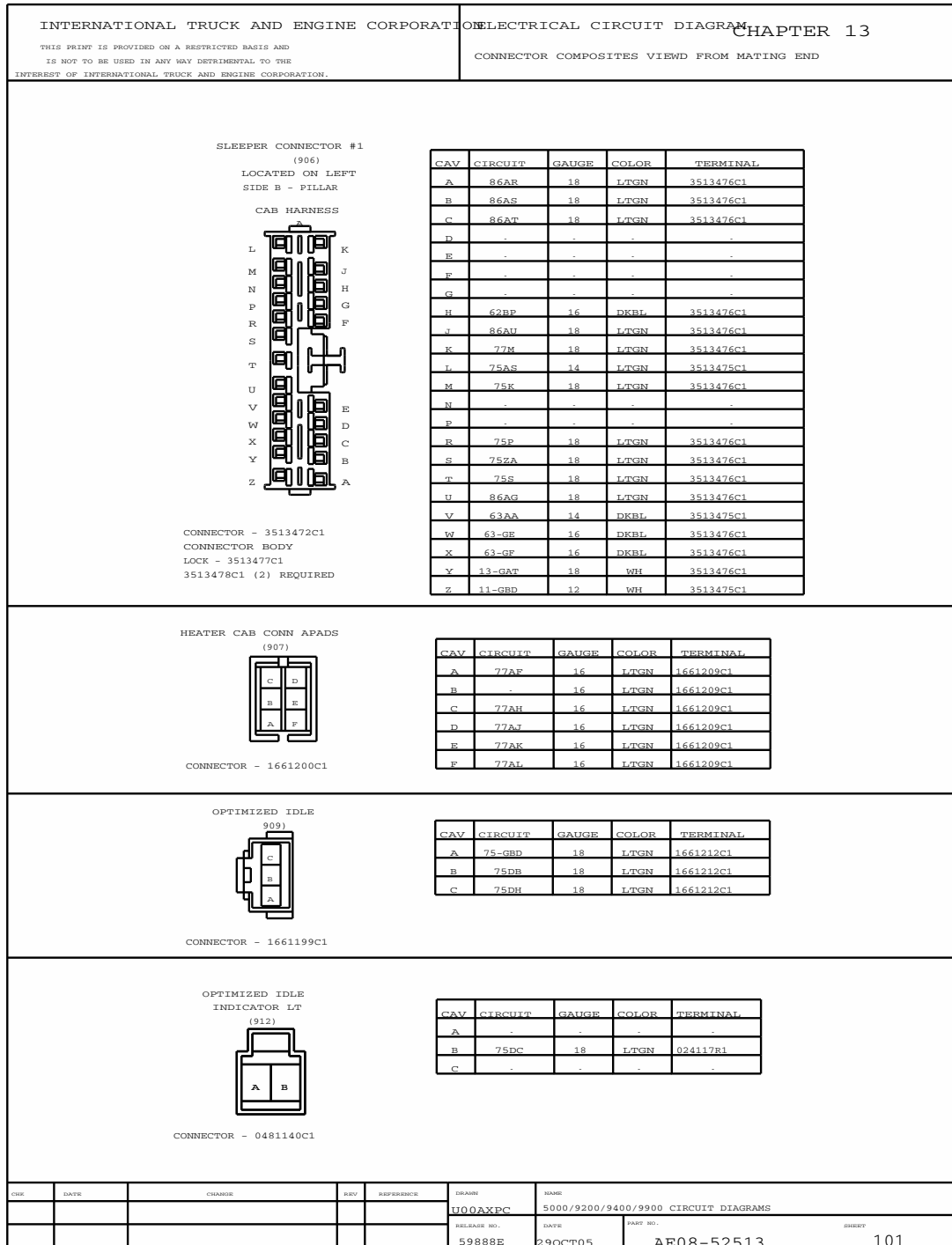


Figure 353 Connector Composites (906), (907), (909), (912)

13.109. CONNECTOR COMPOSITES (913), (914), (915), (916), (918), P. 102

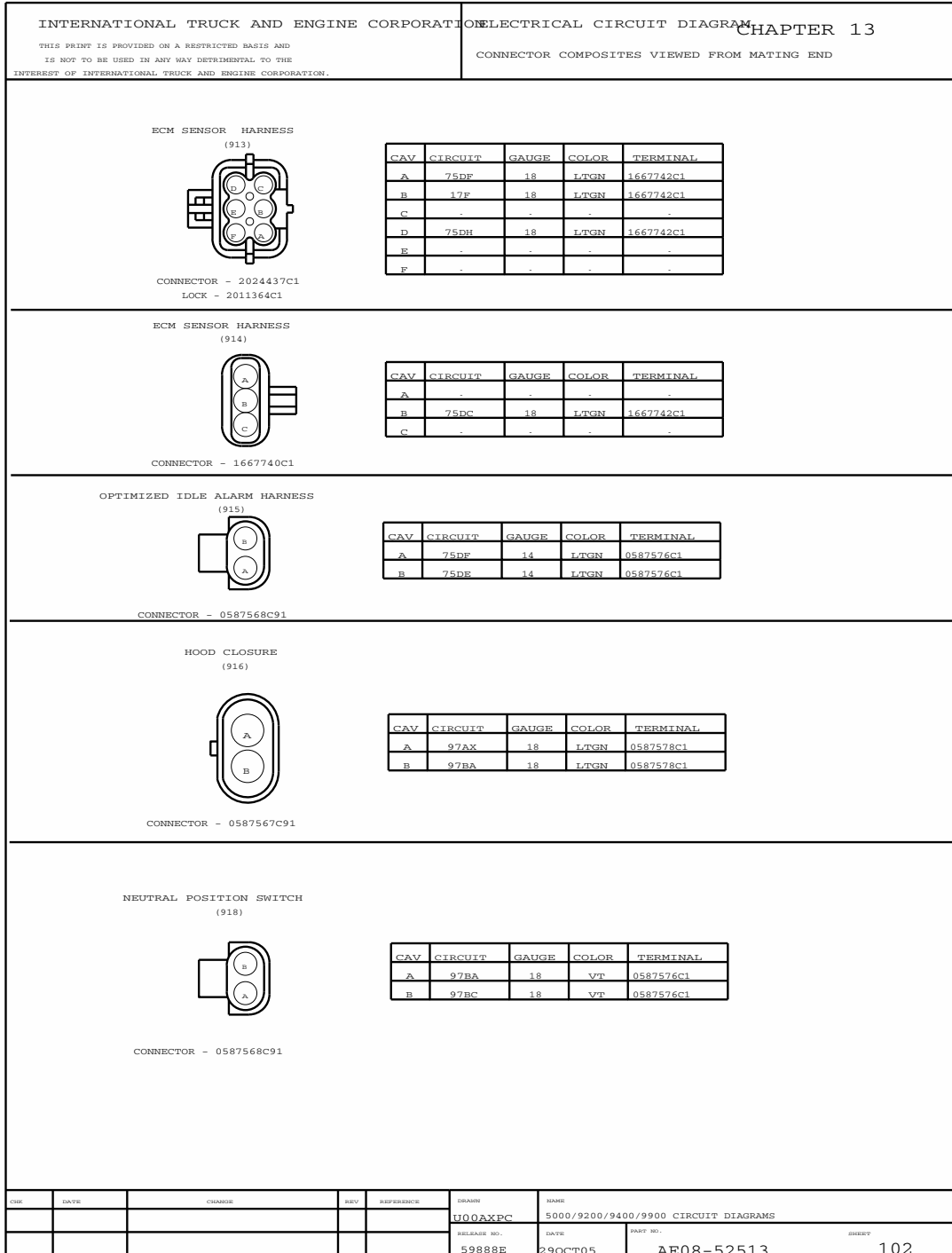


Figure 354 Connector Composites (913), (914), (915), (916), (918)

13.110. CONNECTOR COMPOSITES (922M), (923F), (925), P. 103

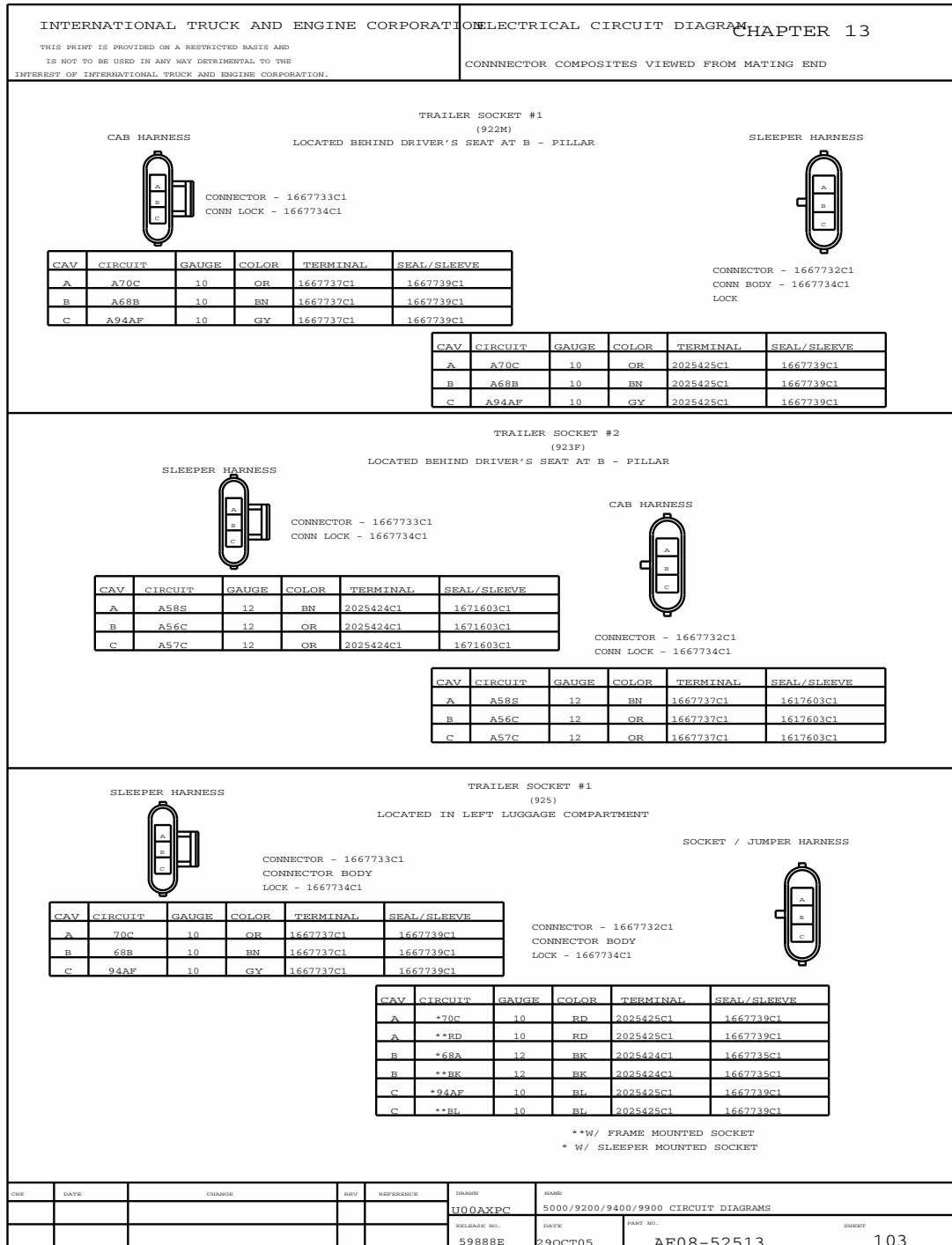


Figure 355 Connector Composites (922M), (923F), (925)

13.111. CONNECTOR COMPOSITES (926), (934), (935F), P. 104

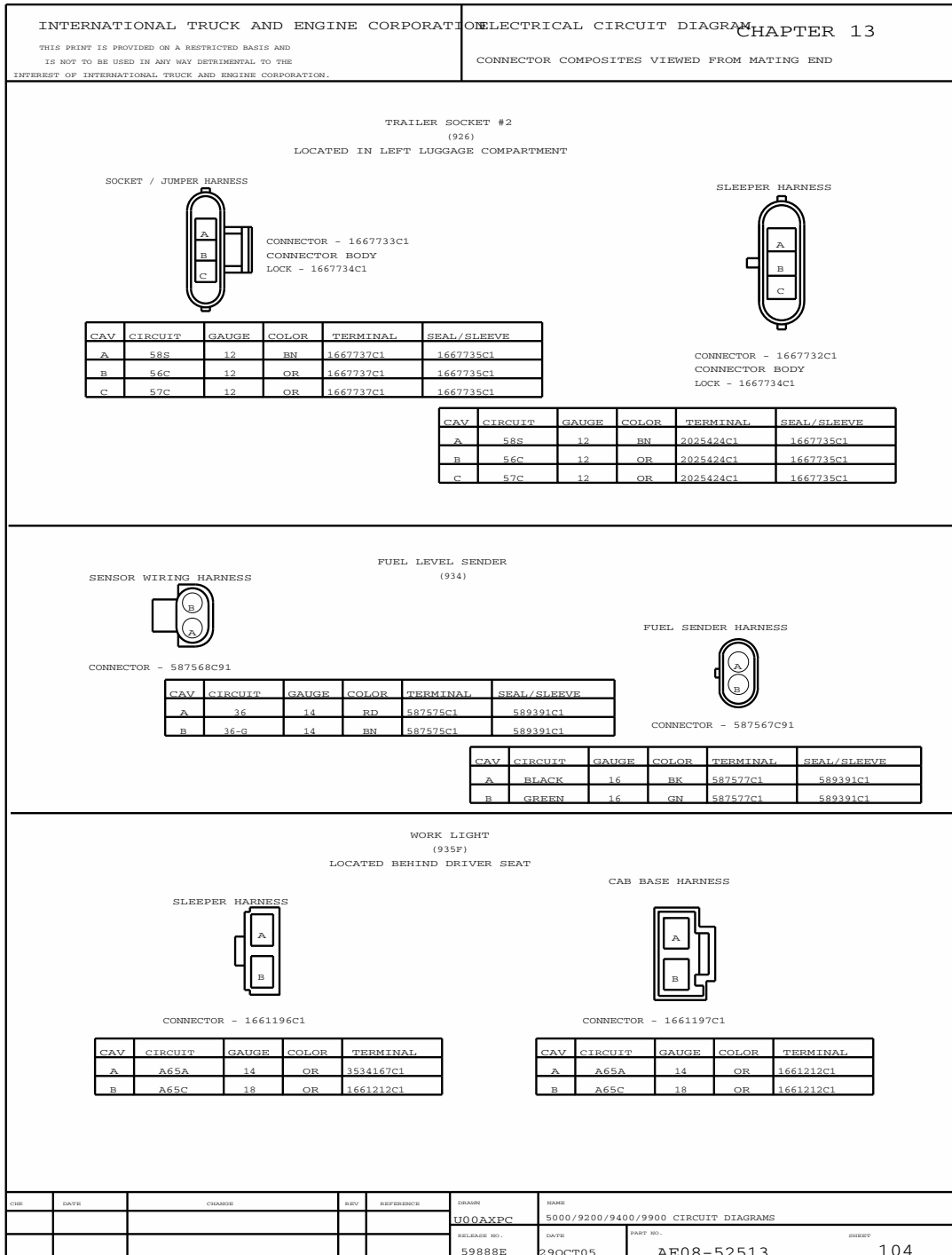


Figure 356 Connector Composites (926), (934), (935F)

13.112. CONNECTOR COMPOSITES (938), (939), (940), (941), (942), (946), P. 105

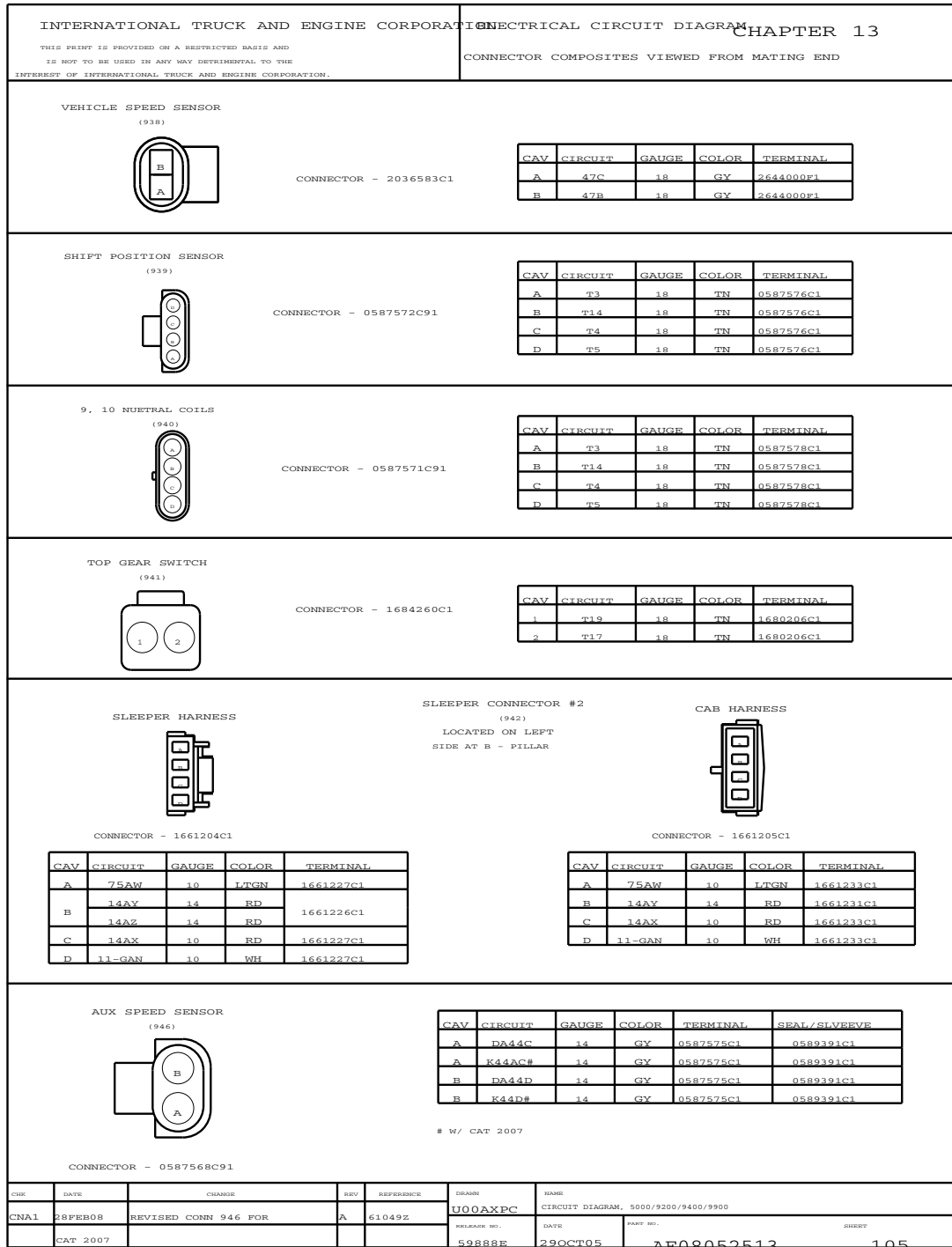


Figure 357 Connector Composites (938), (939), (940), (941), (942), (946)

13.113. CONNECTOR COMPOSITES (955), (956), (962), (963), (992), (993), (994), P. 106








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 VIEWED FROM MATING END																							
<p>RESISTOR ASSY (955)</p>  <p>CONNECTOR - 872291R1</p>		<table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>17HA</td> <td>16</td> <td>PK</td> <td>0188396R1</td> </tr> <tr> <td>B</td> <td>17KA</td> <td>16</td> <td>PK</td> <td>0188396R1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	17HA	16	PK	0188396R1	B	17KA	16	PK	0188396R1									
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A	17HA	16	PK	0188396R1																							
B	17KA	16	PK	0188396R1																							
<p>DIODE (956)</p>  <p>CONNECTOR - 872291R1</p>		<table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>13BH</td> <td>18</td> <td>PK</td> <td>879630R1</td> </tr> <tr> <td>B</td> <td>13AL</td> <td>18</td> <td>PK</td> <td>879630R1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	13BH	18	PK	879630R1	B	13AL	18	PK	879630R1									
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B	13AL	18	PK	879630R1																							
<p>LT DOOR COURTESY CONNECTOR (962)</p>  <p>CONNECTOR - 1661891C1</p>		<table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>63V</td> <td>18</td> <td>DKBL</td> <td>1661262C1</td> </tr> <tr> <td>B</td> <td>63H</td> <td>18</td> <td>DKBL</td> <td>1661262C1</td> </tr> <tr> <td>C</td> <td>78R</td> <td>18</td> <td>LTGN</td> <td>1661262C1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	63V	18	DKBL	1661262C1	B	63H	18	DKBL	1661262C1	C	78R	18	LTGN	1661262C1				
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B	63H	18	DKBL	1661262C1																							
C	78R	18	LTGN	1661262C1																							
<p>RIGHT DOOR COURTESY CONNECTOR (963)</p>  <p>CONNECTOR - 1661891C1 CONNECTOR BODY LOCK - 1661892C1</p>		<table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>63X</td> <td>18</td> <td>DKBL</td> <td>1661262C1</td> </tr> <tr> <td>B</td> <td>63Y</td> <td>18</td> <td>DKBL</td> <td>1661262C1</td> </tr> <tr> <td>C</td> <td>78S</td> <td>18</td> <td>LTGN</td> <td>1661262C1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	63X	18	DKBL	1661262C1	B	63Y	18	DKBL	1661262C1	C	78S	18	LTGN	1661262C1				
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<p>WORK LIGHT RECTIFIER WORK LIGHT IN PARK / REV (992)</p>  <p>CONNECTOR - 872291R1</p>		<table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>71L</td> <td>16</td> <td>OR</td> <td>0188396R1</td> </tr> <tr> <td>B</td> <td>71M</td> <td>16</td> <td>OR</td> <td>0188396R1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	71L	16	OR	0188396R1	B	71M	16	OR	0188396R1									
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<p>PARK BRAKE SWITCH WORK LIGHTS (993)</p>  <p>CONNECTOR - 1661777C1</p>		<table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>71K</td> <td>16</td> <td>OR</td> <td>1661875C1</td> </tr> <tr> <td>D</td> <td>71L</td> <td>16</td> <td>OR</td> <td>1661875C1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	C	71K	16	OR	1661875C1	D	71L	16	OR	1661875C1									
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																							
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	5000/9200/9400/9900 CIRCUIT DIAGRAMS																				
					U00AXPC																						
					RELEASE NO.	DATE	PART NO.	SHEET																			
					59888E	29OCT05	AE08-52513	106																			

Figure 358 Connector Composites (955), (956), (962), (963), (992), (993), (994)

13.114. CONNECTOR COMPOSITES (995-999), (1033), (1034), P. 107

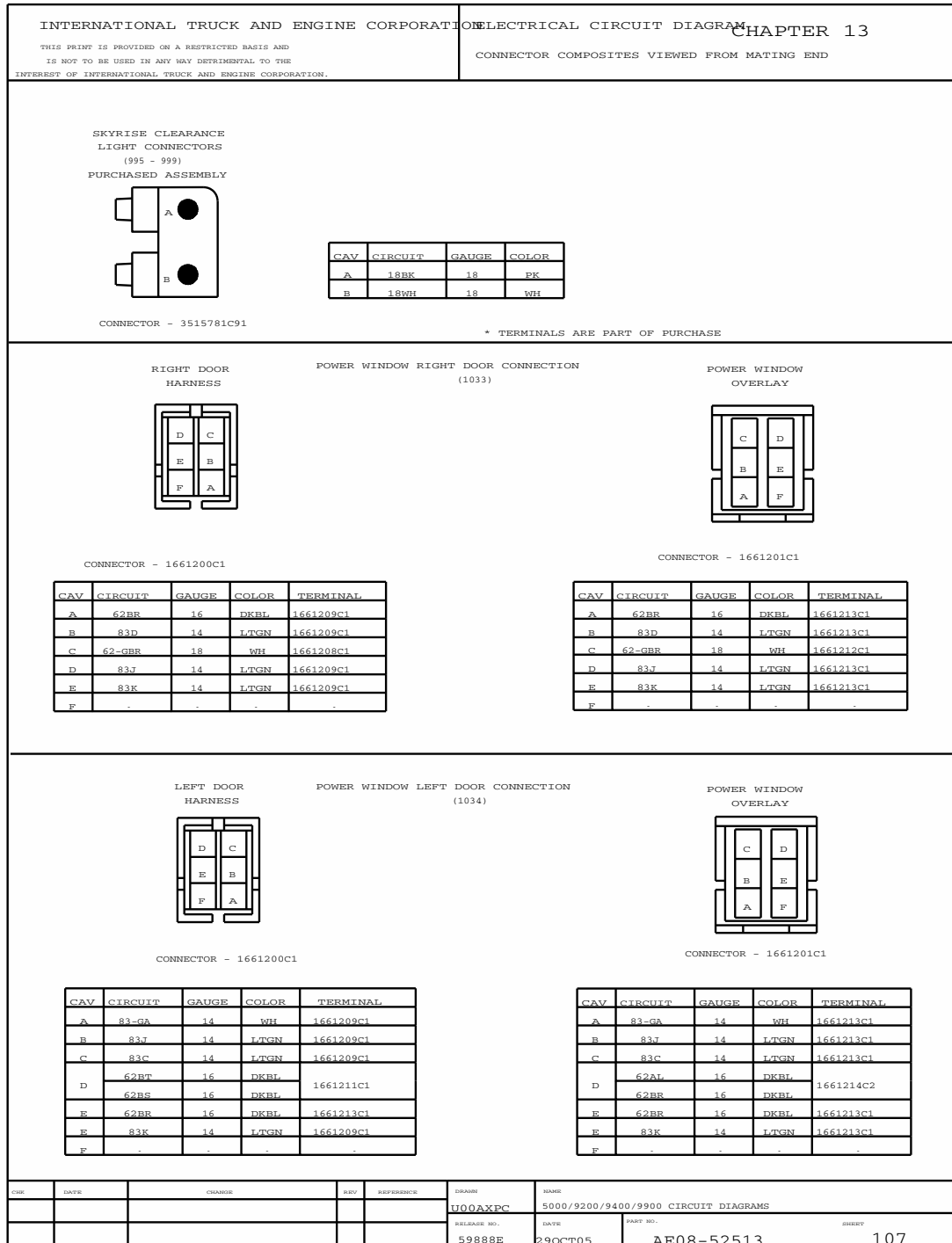


Figure 359 Connector Composites (995-999), (1033), (1034)

13.115. CONNECTOR COMPOSITES (1039), (1040), (1041), P. 108

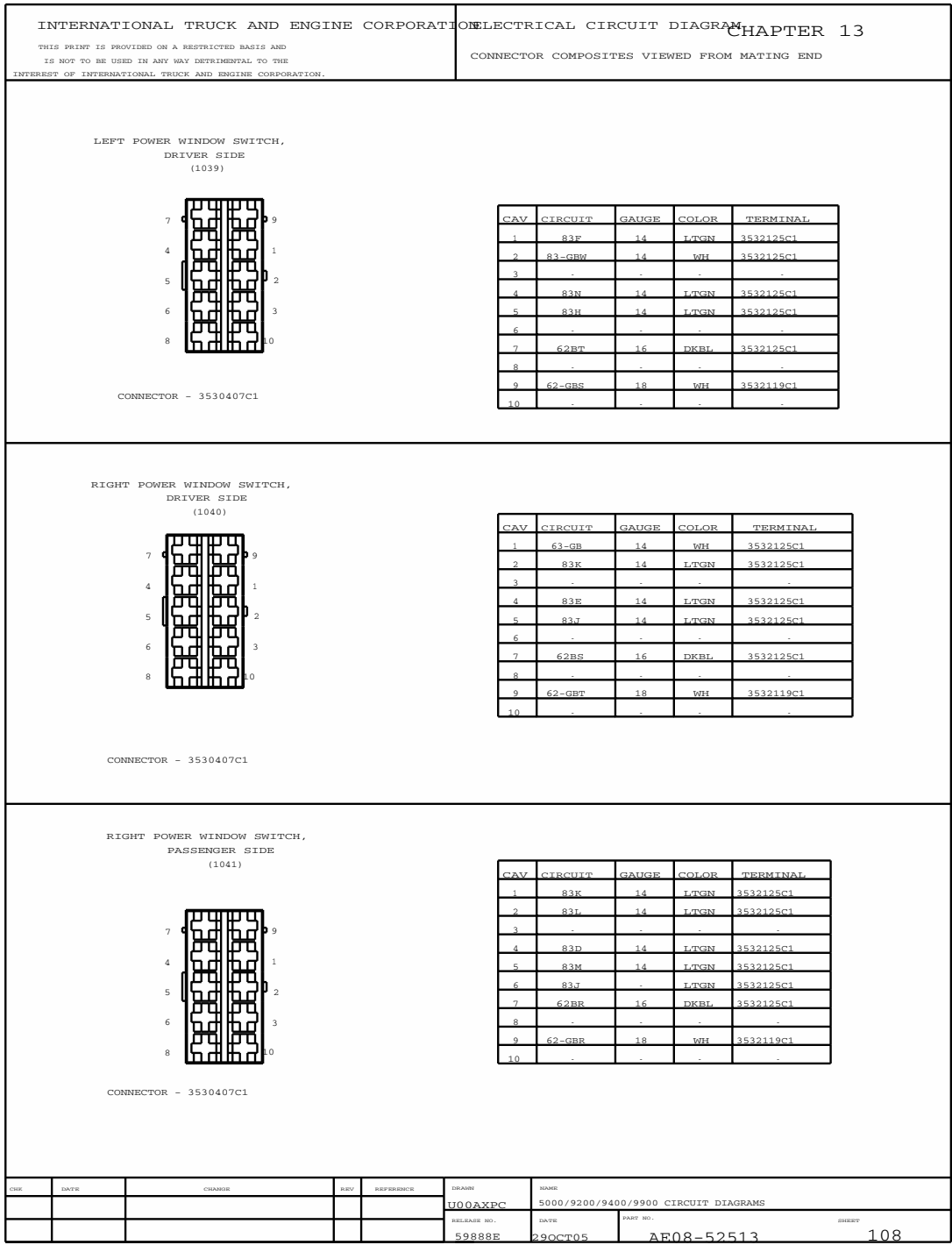


Figure 360 Connector Composites (1039), (1040), (1041)

13.116. CONNECTOR COMPOSITES (1042), (1043), (1044), P. 109

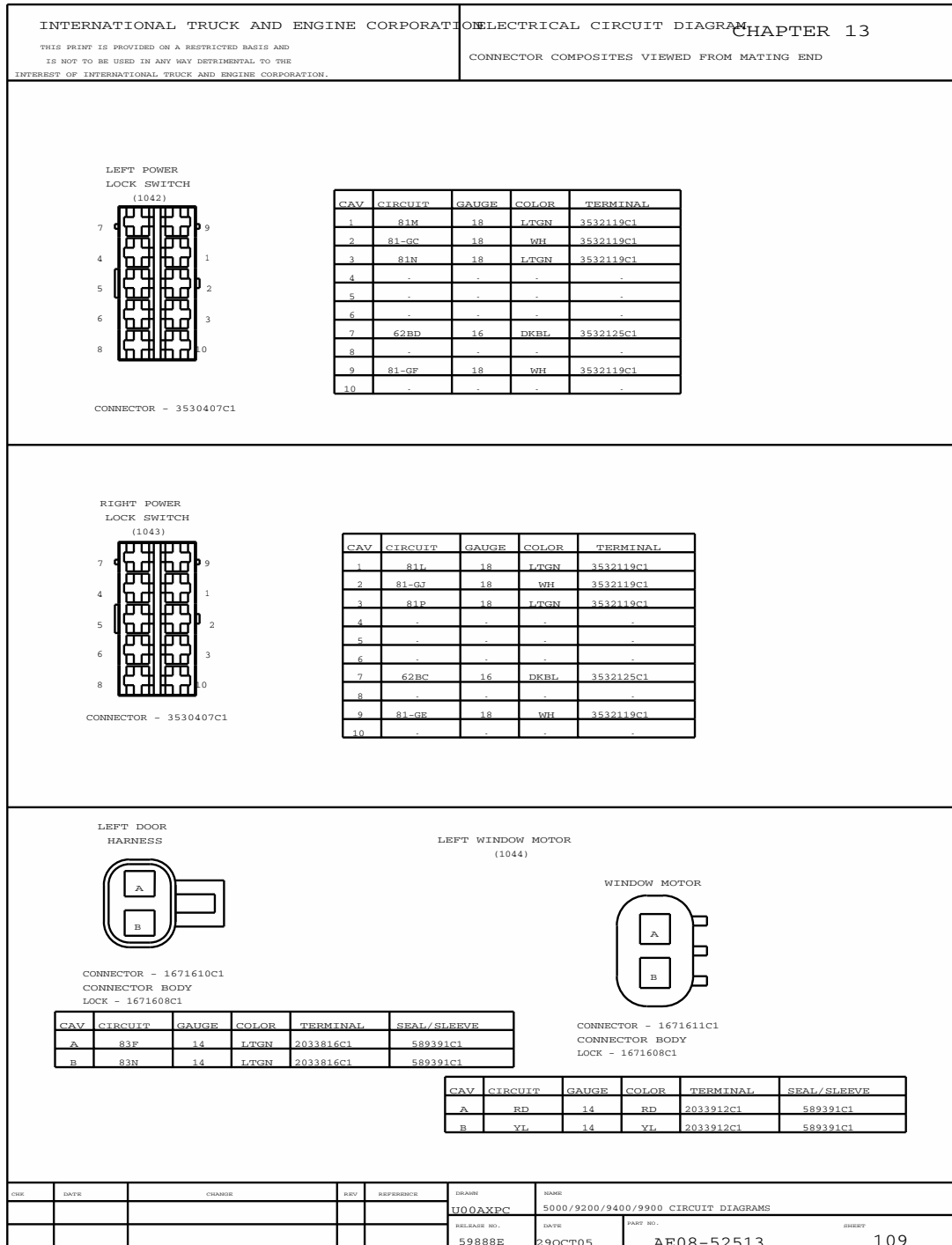


Figure 361 Connector Composites (1042), (1043), (1044)

13.117. CONNECTOR COMPOSITES (1045), (1046), (1047), (1048), P. 110

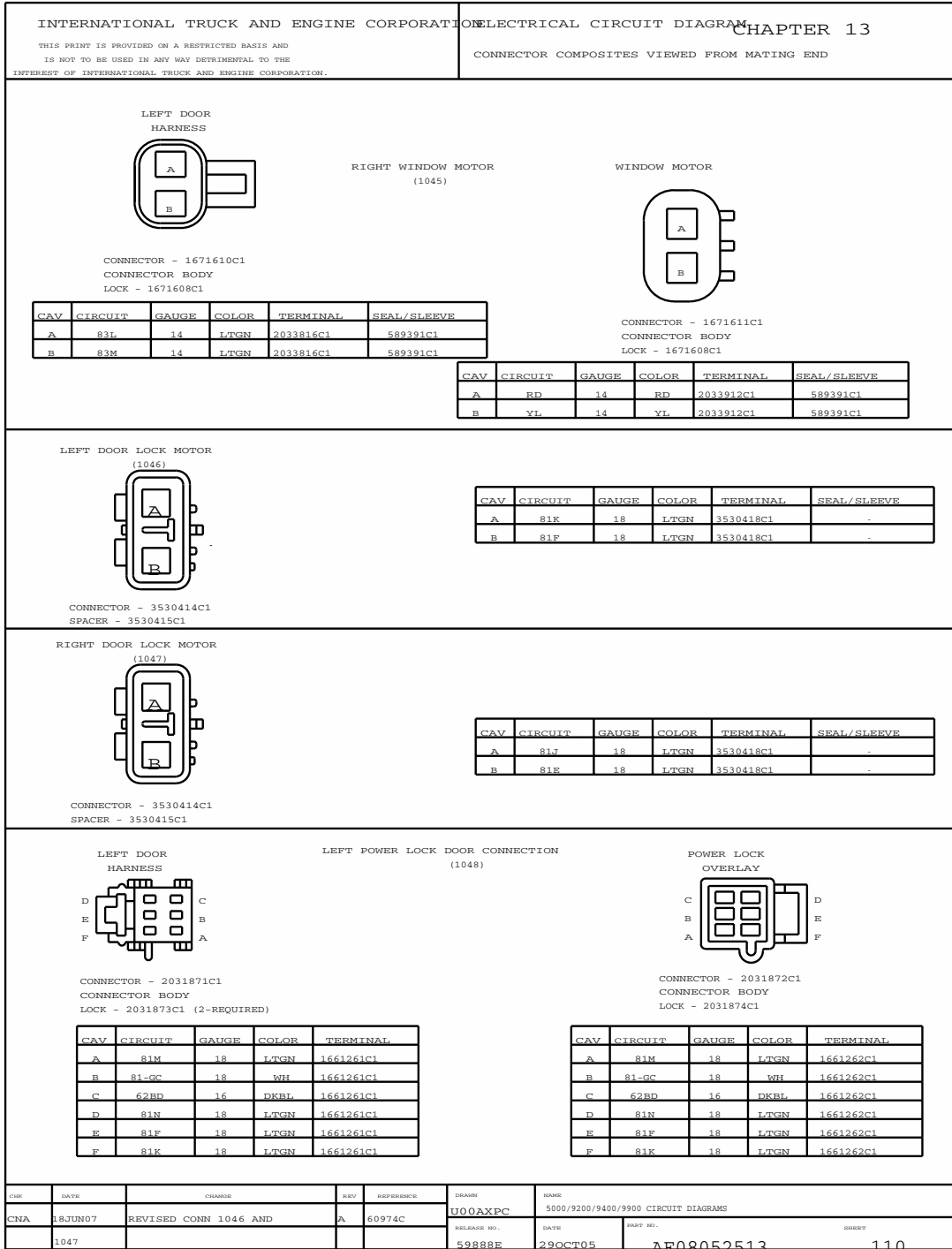


Figure 362 Connector Composites (1045), (1046), (1047), (1048)

13.118. CONNECTOR COMPOSITES (1049), (1050M), (1051 – 1052), P. 111

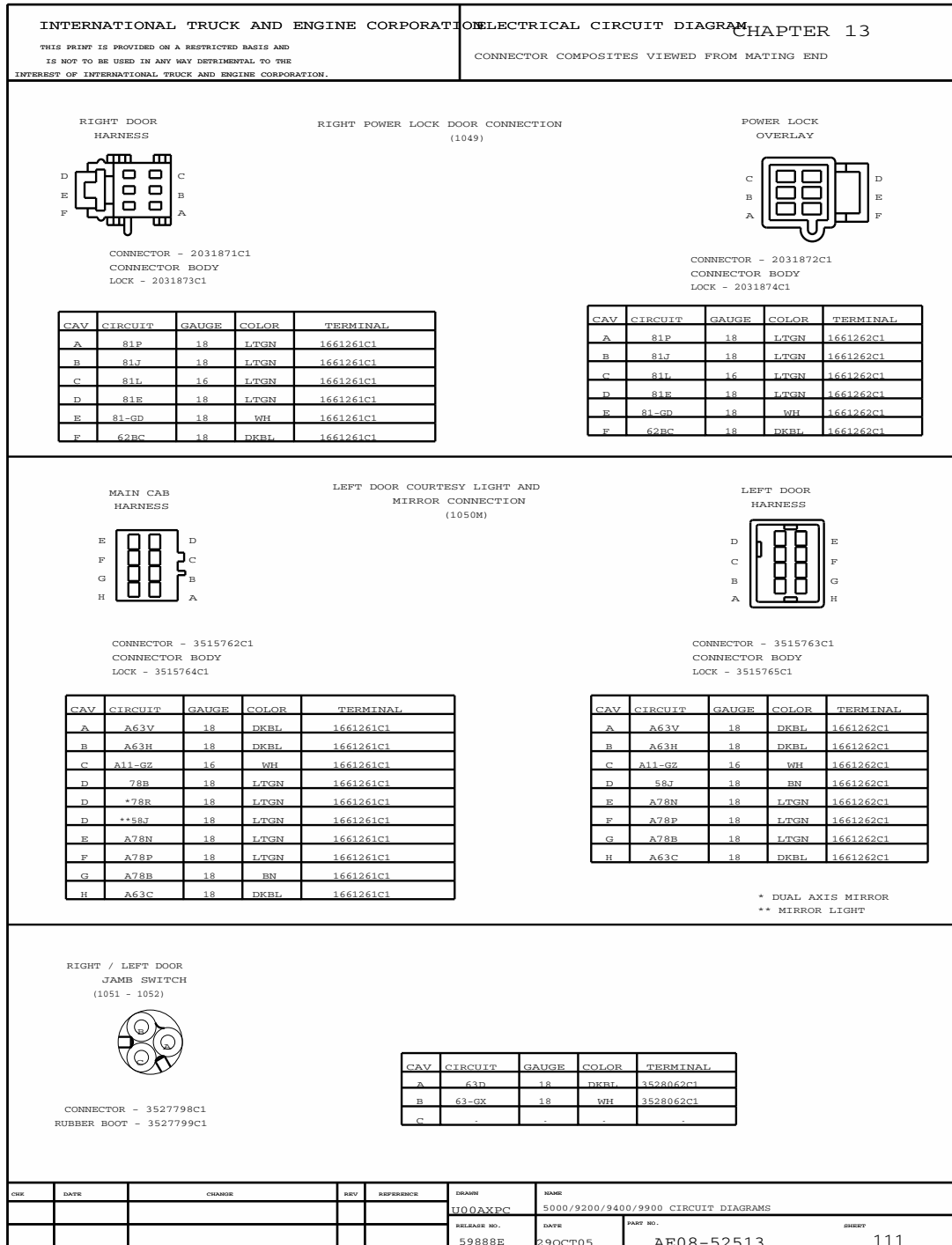


Figure 363 Connector Composites (1049), (1050M), (1051 – 1052)

13.119. CONNECTOR COMPOSITES (1053), (1054M), (1056M), (1057M), P. 112

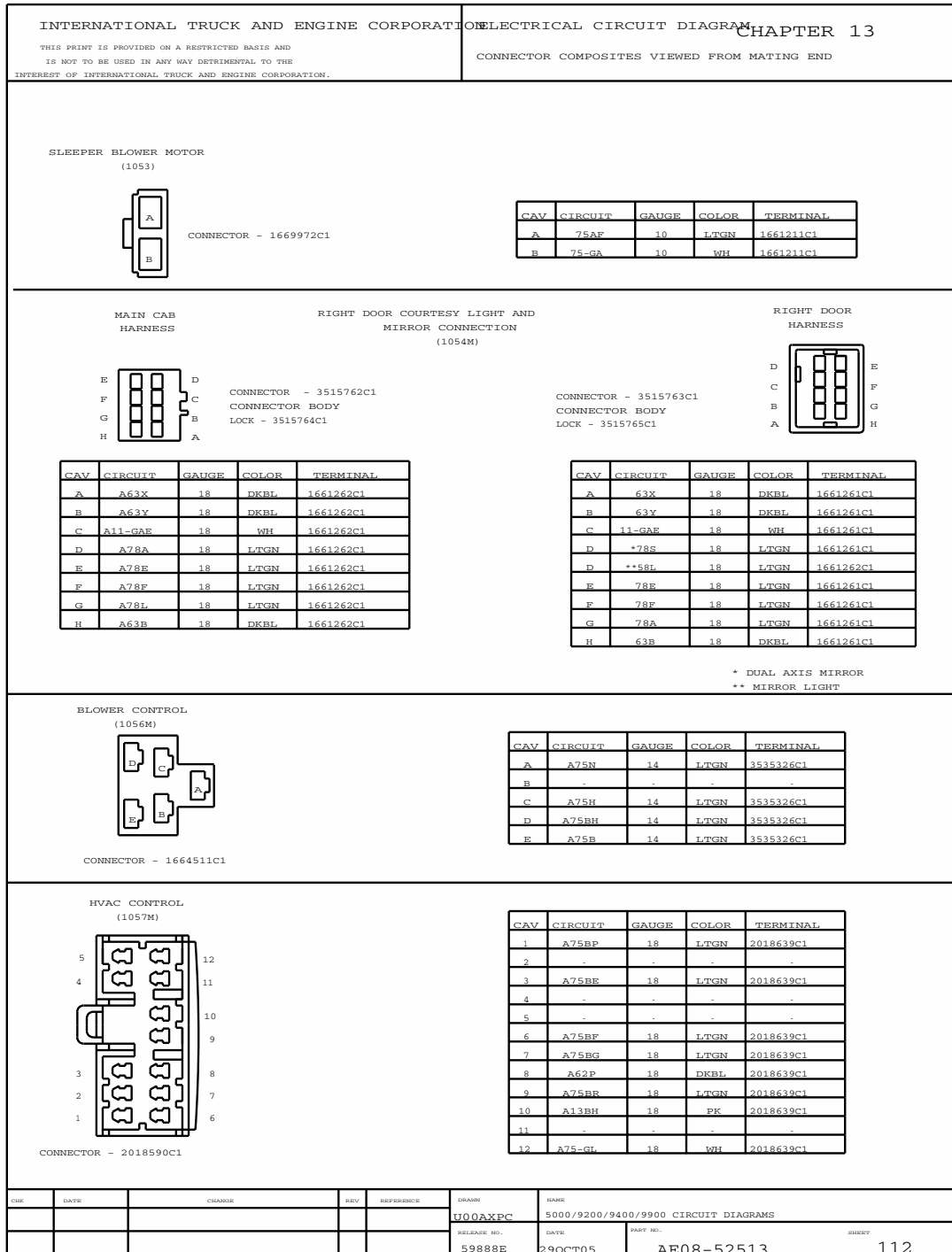


Figure 364 Connector Composites (1053), (1054M), (1056M), (1057M)

13.120. CONNECTOR COMPOSITES (1058M), (1059M), (1060M), (1084), P. 113

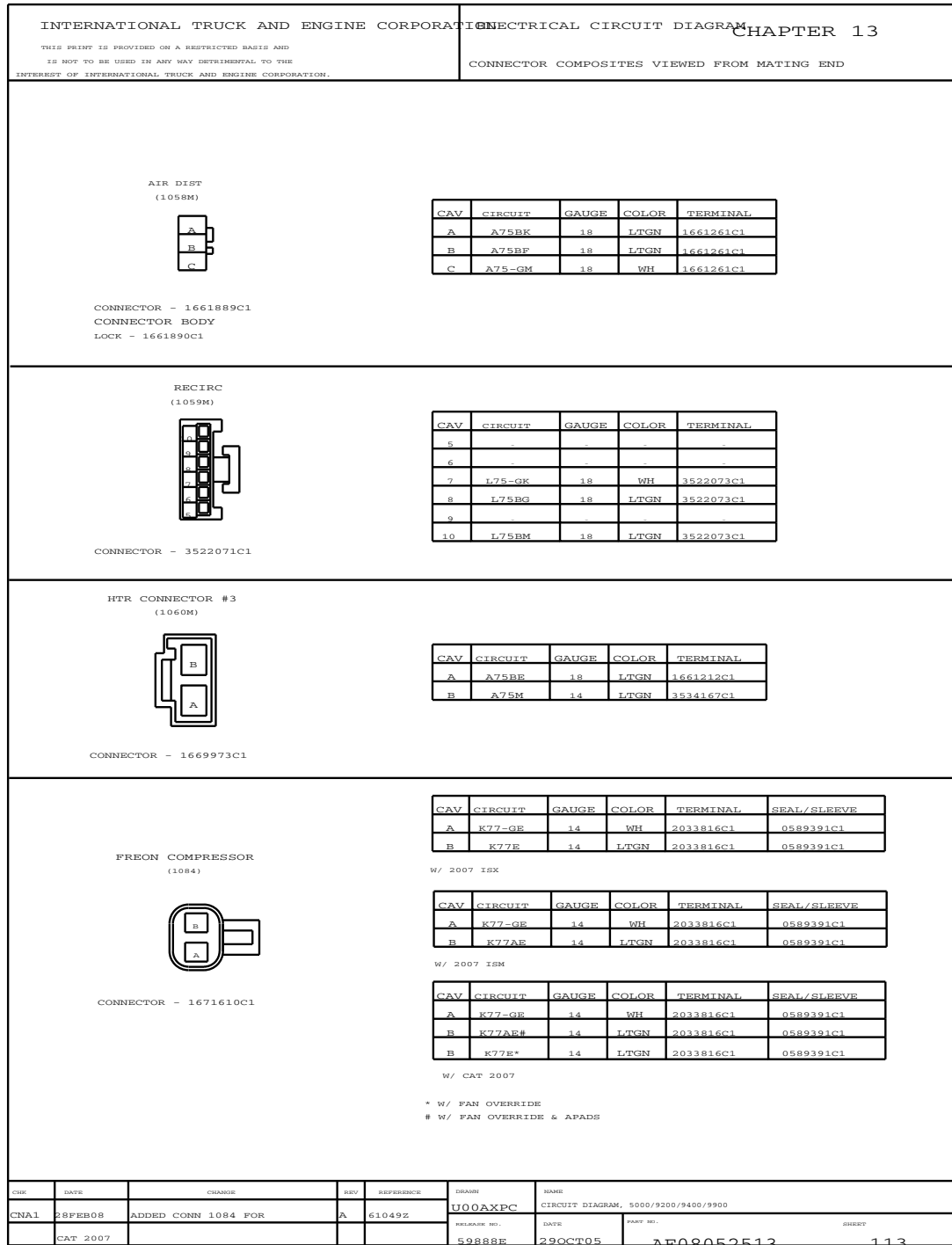


Figure 365 Connector Composites (1058M), (1059M), (1060M), (1084)

13.121. CONNECTOR COMPOSITES (1086), P. 114

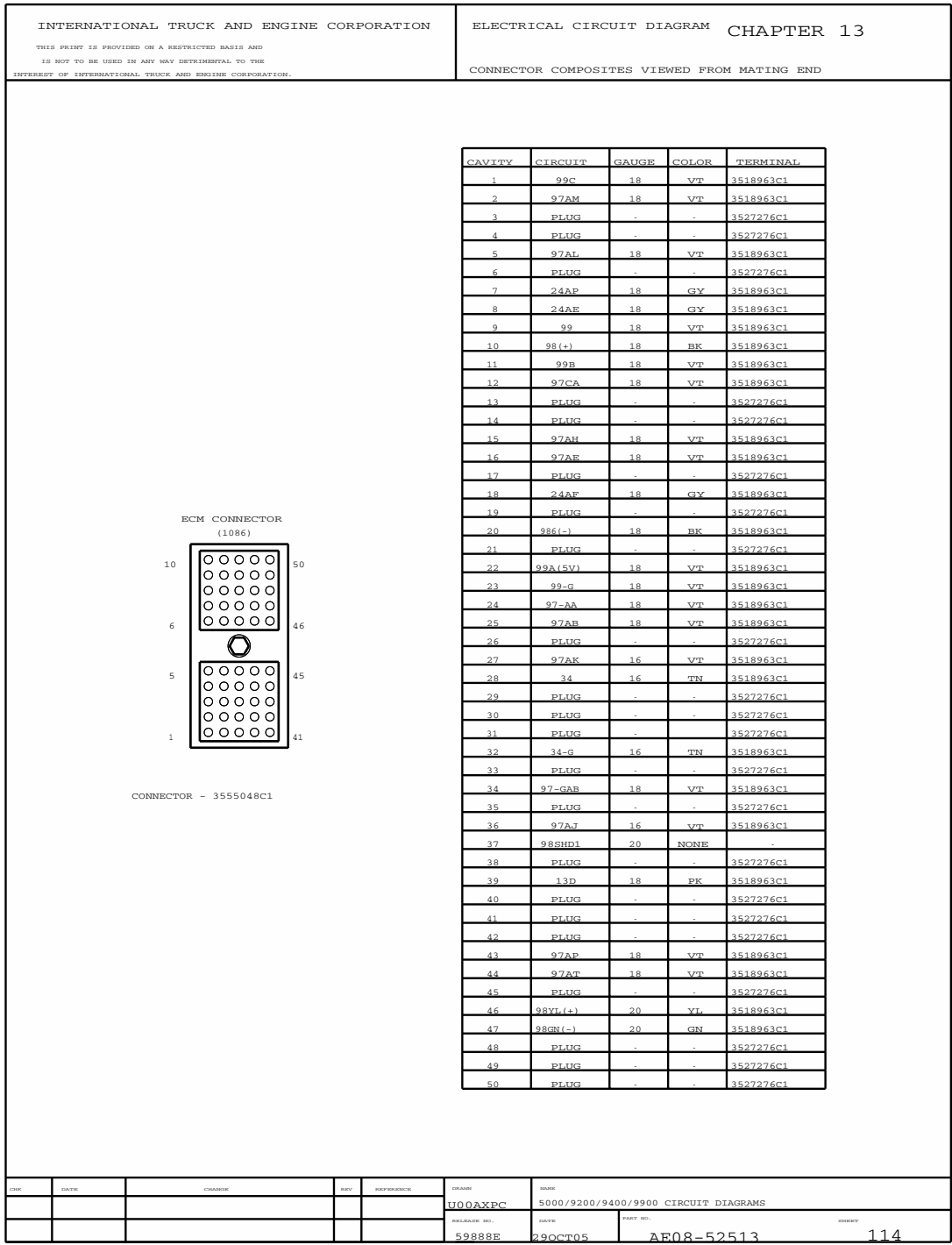


Figure 366 Connector Composites (1086)

13.122. CONNECTOR COMPOSITES (1086), (1087), P. 115

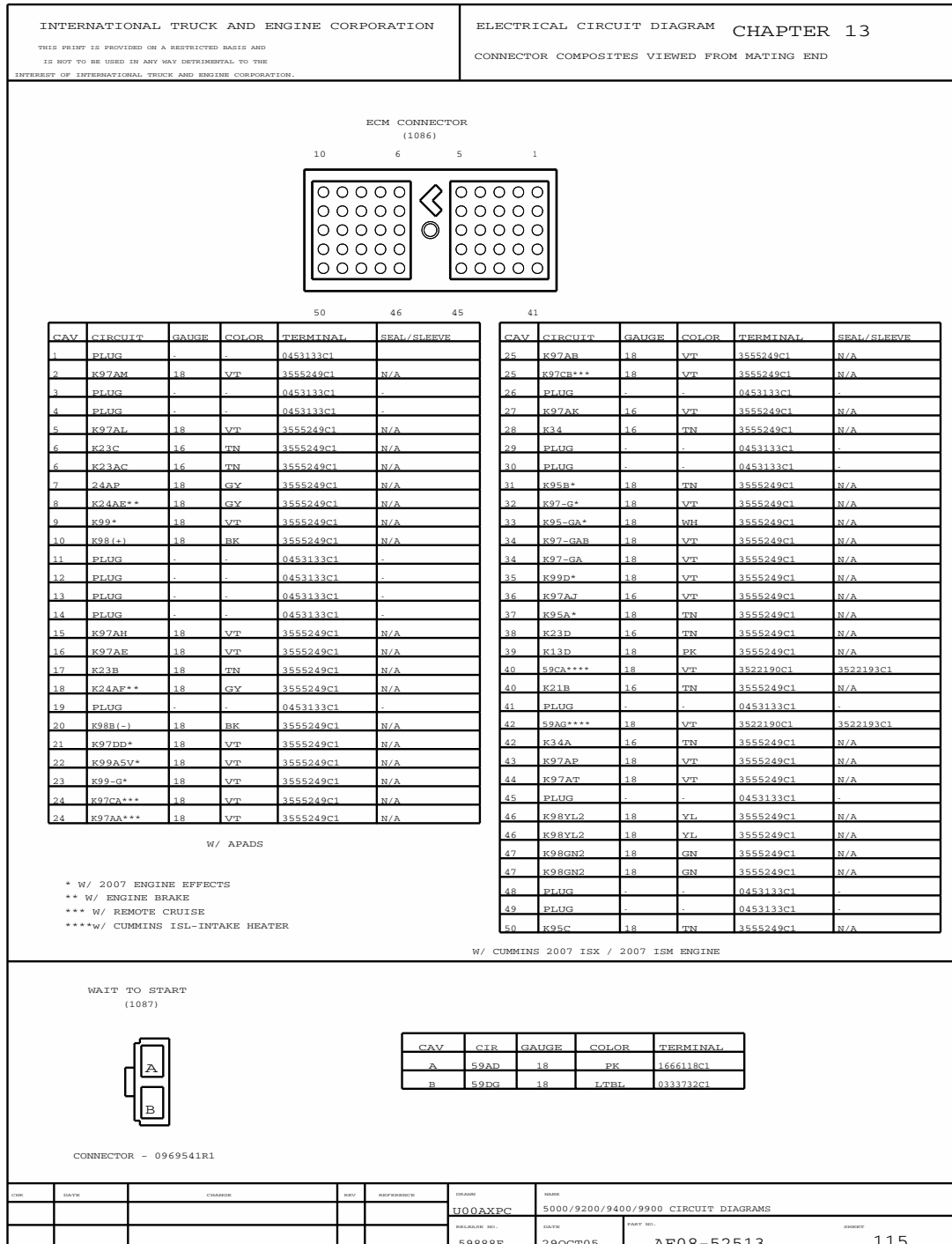


Figure 367 Connector Composites (1086), (1087)

13.123. CONNECTOR COMPOSITES (1088), (1090M), (1090F), P. 116

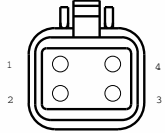
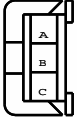
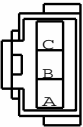
INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>	ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																
<p style="text-align: center;">ECM POWER CONNECTOR (1088)</p>  <p style="text-align: center;">CONNECTOR - 3557533C1 BODY LOCK - 3557539C1</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>AA11-G</td> <td>12</td> <td>WH</td> <td>3557534C1</td> </tr> <tr> <td>2</td> <td>PLUG</td> <td></td> <td></td> <td>0453133C1</td> </tr> <tr> <td>3</td> <td>AA14D1</td> <td>12</td> <td>RD</td> <td>3557534C1</td> </tr> <tr> <td>4</td> <td>AA14D2</td> <td>12</td> <td>RD</td> <td>3557534C1</td> </tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	AA11-G	12	WH	3557534C1	2	PLUG			0453133C1	3	AA14D1	12	RD	3557534C1	4	AA14D2	12	RD	3557534C1							
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3	AA14D1	12	RD	3557534C1																													
4	AA14D2	12	RD	3557534C1																													
<p style="text-align: center;">CIGAR LIGHTER (1090M)</p>  <p style="text-align: center;">CONNECTOR - 1661198C1</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A62T</td> <td>16</td> <td>DKBL</td> <td>1661209C1</td> </tr> <tr> <td>B</td> <td>A84</td> <td>14</td> <td>LTGN</td> <td>3566715C1</td> </tr> <tr> <td>C</td> <td>A84-G</td> <td>16</td> <td>WH</td> <td>1661209C1</td> </tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A62T	16	DKBL	1661209C1	B	A84	14	LTGN	3566715C1	C	A84-G	16	WH	1661209C1												
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<p style="text-align: center;">CIGAR LIGHTER (1090F)</p>  <p style="text-align: center;">CONNECTOR - 1661198C1</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>62AA</td> <td>16</td> <td>DKBL</td> <td>1661212C1</td> </tr> <tr> <td>B</td> <td>84H</td> <td>14</td> <td>LTGN</td> <td>3534167C1</td> </tr> <tr> <td>C</td> <td>84-GH</td> <td>16</td> <td>WH</td> <td>1661212C1</td> </tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	62AA	16	DKBL	1661212C1	B	84H	14	LTGN	3534167C1	C	84-GH	16	WH	1661212C1												
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Figure 368 Connector Composites (1088), (1090M), (1090F)

13.124. CONNECTOR COMPOSITES (1093), (1094), (1095F), P. 117

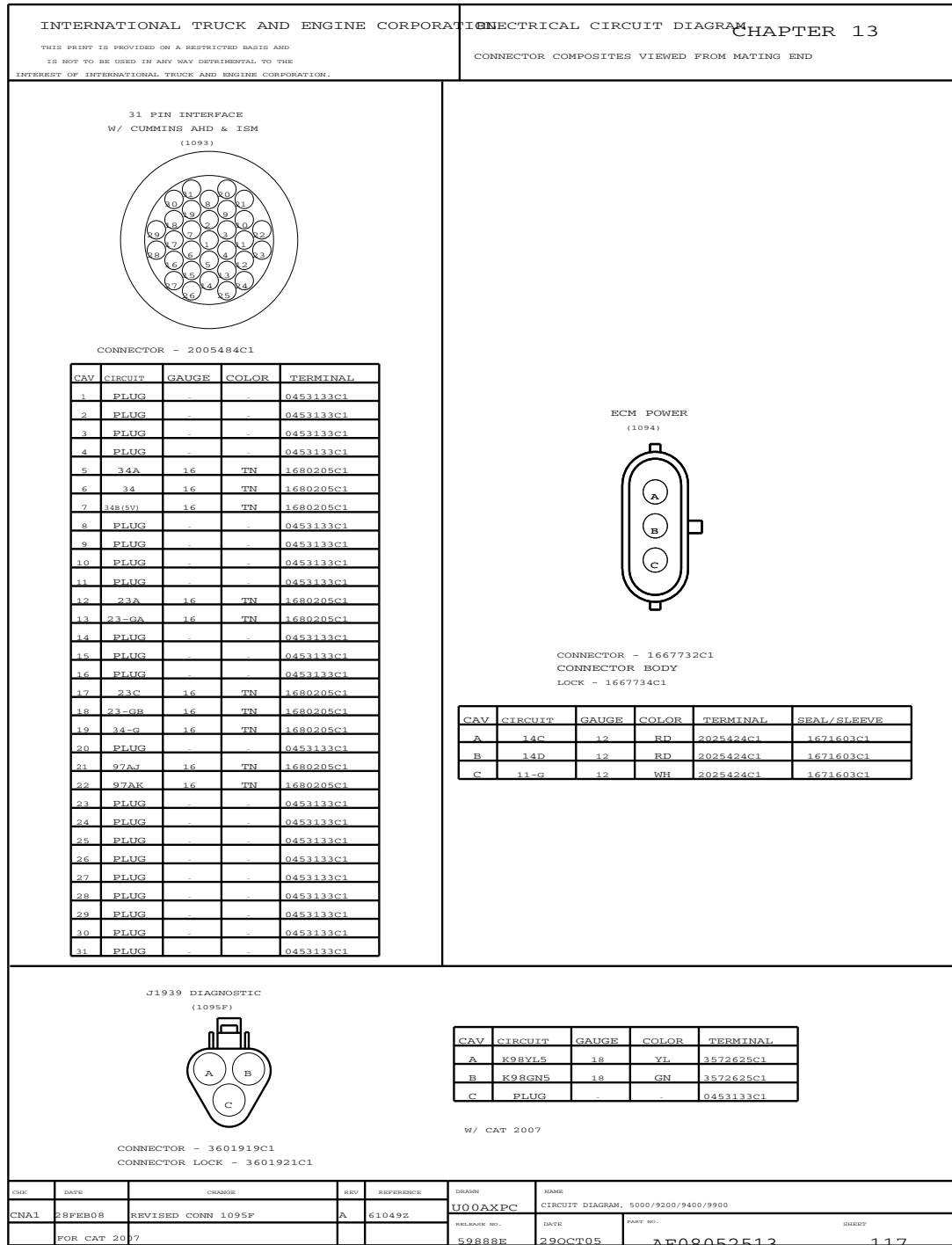


Figure 369 Connector Composites (1093), (1094), (1095F)

13.125. CONNECTOR COMPOSITES (1097), (1097M), (1098), (1099), (1108), P. 118

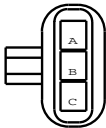
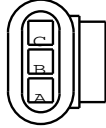
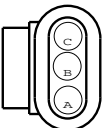


INTERNATIONAL TRUCK AND ENGINE CORPORATION ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																																																									
CONNECTOR COMPOSITES VIEWED FROM MATING END																																																																									
<p>J1939 ENGINE DATA LINK (1097)</p>  <p>CONNECTOR - 1667740C1 CONNECTOR BODY LOCK - 1667771C1</p>	<p>W/ ABS</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K9BYL1</td> <td>18</td> <td>YL</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>2025431C1</td> <td>-</td> </tr> <tr> <td>C</td> <td>K9BGN1</td> <td>18</td> <td>GN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table> <p>W/ CUMMINS AHD & ISM W/ CAT C10, C12 & 3406E</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>98YL4(+)</td> <td>18</td> <td>YL</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>2025431C1</td> <td>-</td> </tr> <tr> <td>C</td> <td>98GN3(-)</td> <td>18</td> <td>GN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> <p>W/ CUMMINS N14 DD 60 OR 80 SERIES</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>98YL4(+)</td> <td>18</td> <td>YL</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>2025431C1</td> <td>-</td> </tr> <tr> <td>C</td> <td>98GN3(-)</td> <td>18</td> <td>GN</td> <td>1667742C1</td> <td>1661872C1</td> </tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K9BYL1	18	YL	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	C	K9BGN1	18	GN	1661875C1	3568570C1	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	98YL4(+)	18	YL	1661875C1	1661872C1	B	PLUG	-	-	2025431C1	-	C	98GN3(-)	18	GN	1661875C1	1661872C1	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	98YL4(+)	18	YL	1667742C1	1661872C1	B	PLUG	-	-	2025431C1	-	C	98GN3(-)	18	GN	1667742C1	1661872C1
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Figure 370 Connector Composites (1097), (1097M), (1098), (1099), (1108)

13.126. CONNECTOR COMPOSITES (1110), (1112), (1113), (1125), (1126), P. 119

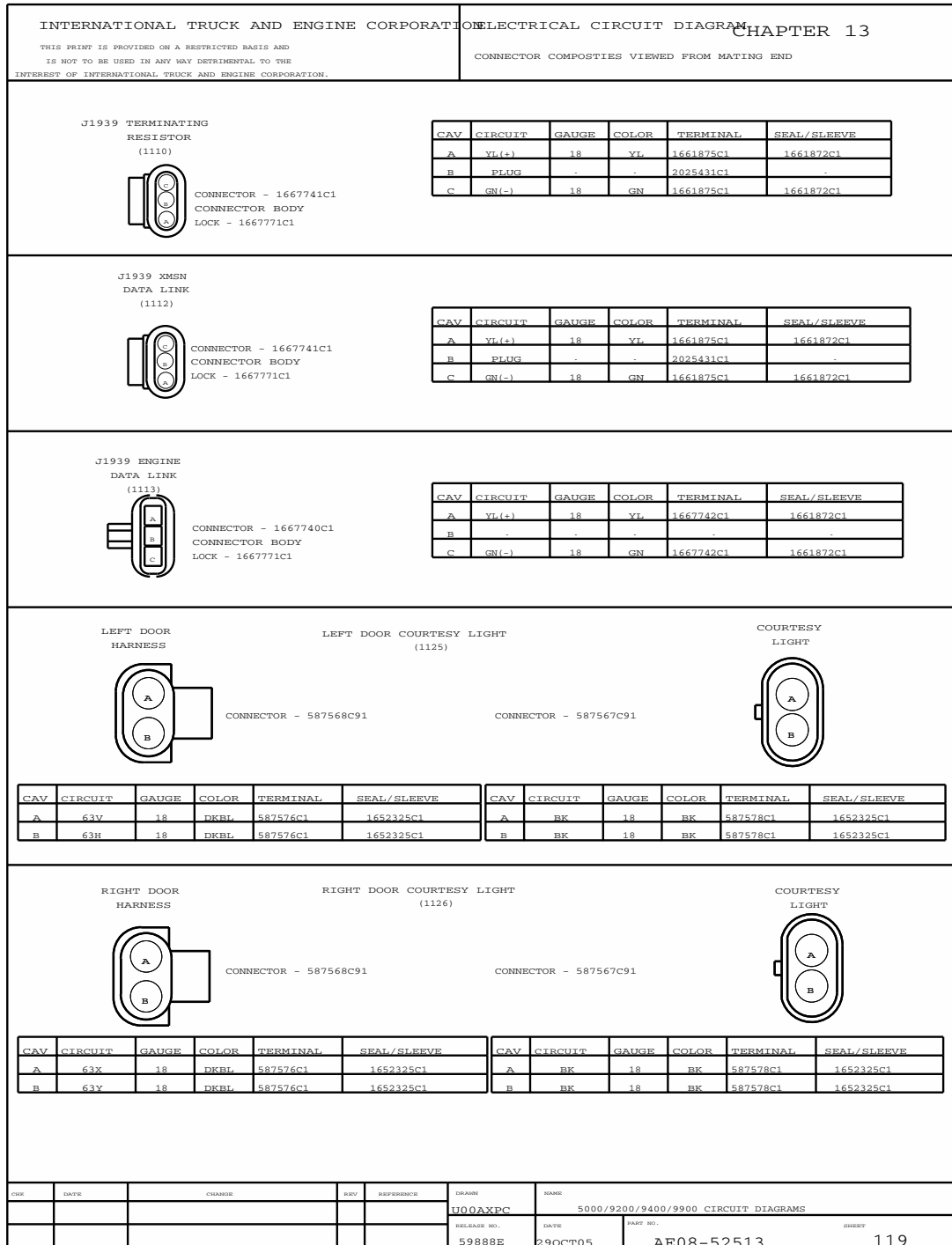


Figure 371 Connector Composites (1110), (1112), (1113), (1125), (1126)

13.127. CONNECTOR COMPOSITES (1127), (1128), (1130), (1135), P. 120

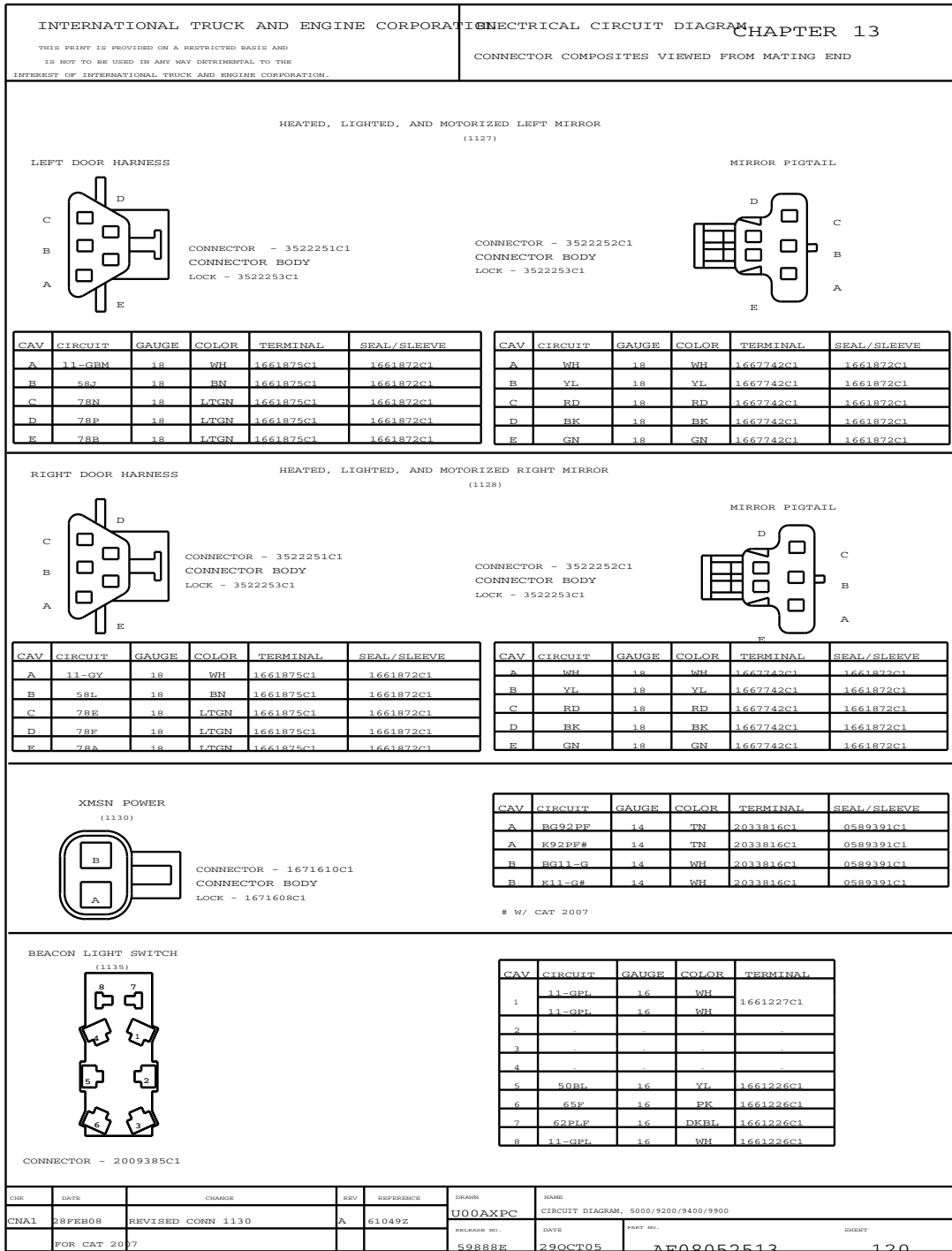


Figure 372 Connector Composites (1127), (1128), (1130), (1135)

13.128. CONNECTOR COMPOSITES (1137), (1138), (1139), (1140), P. 121

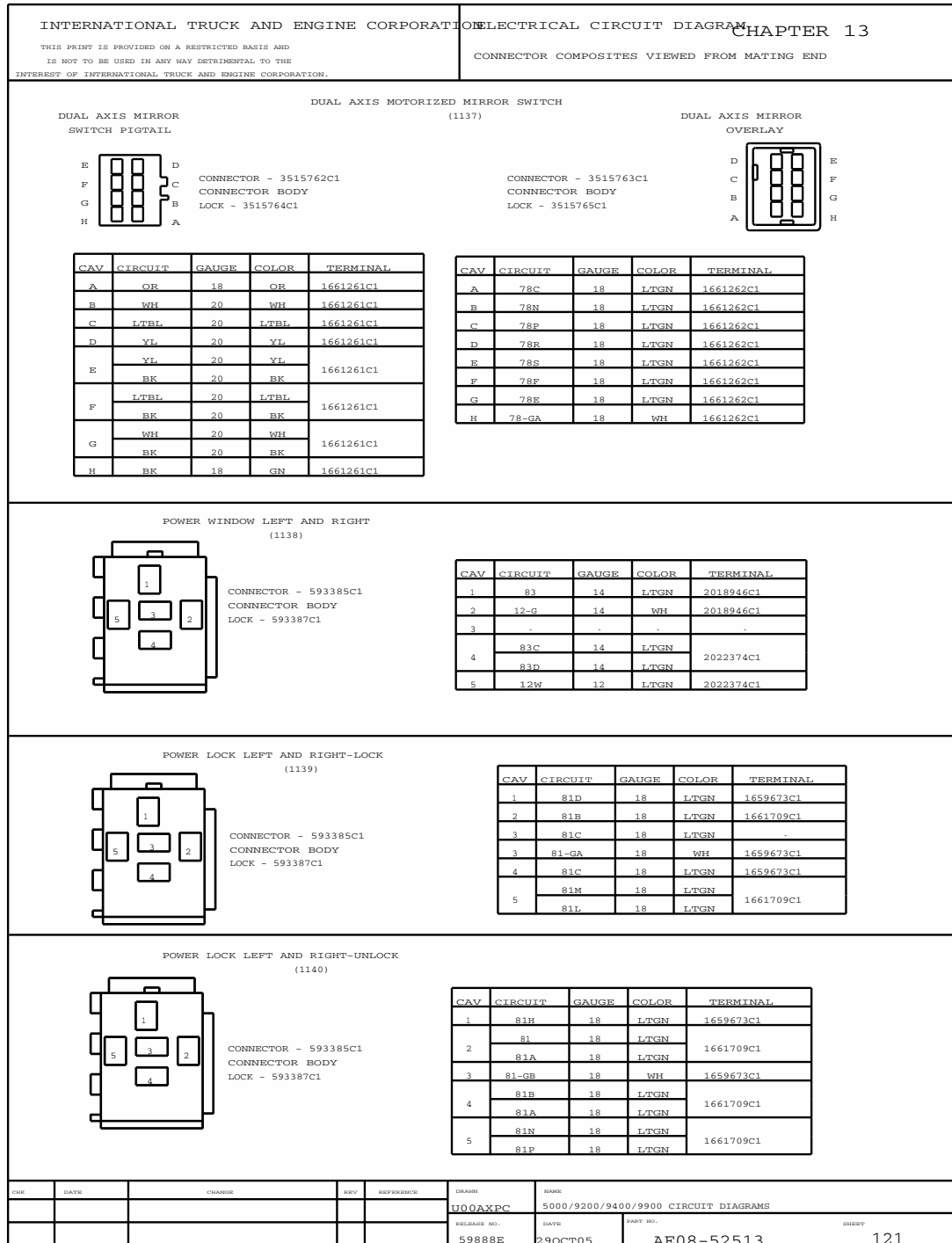


Figure 373 Connector Composites (1137), (1138), (1139), (1140)

13.129. CONNECTOR COMPOSITES (1141), (1155), (1156), P. 122

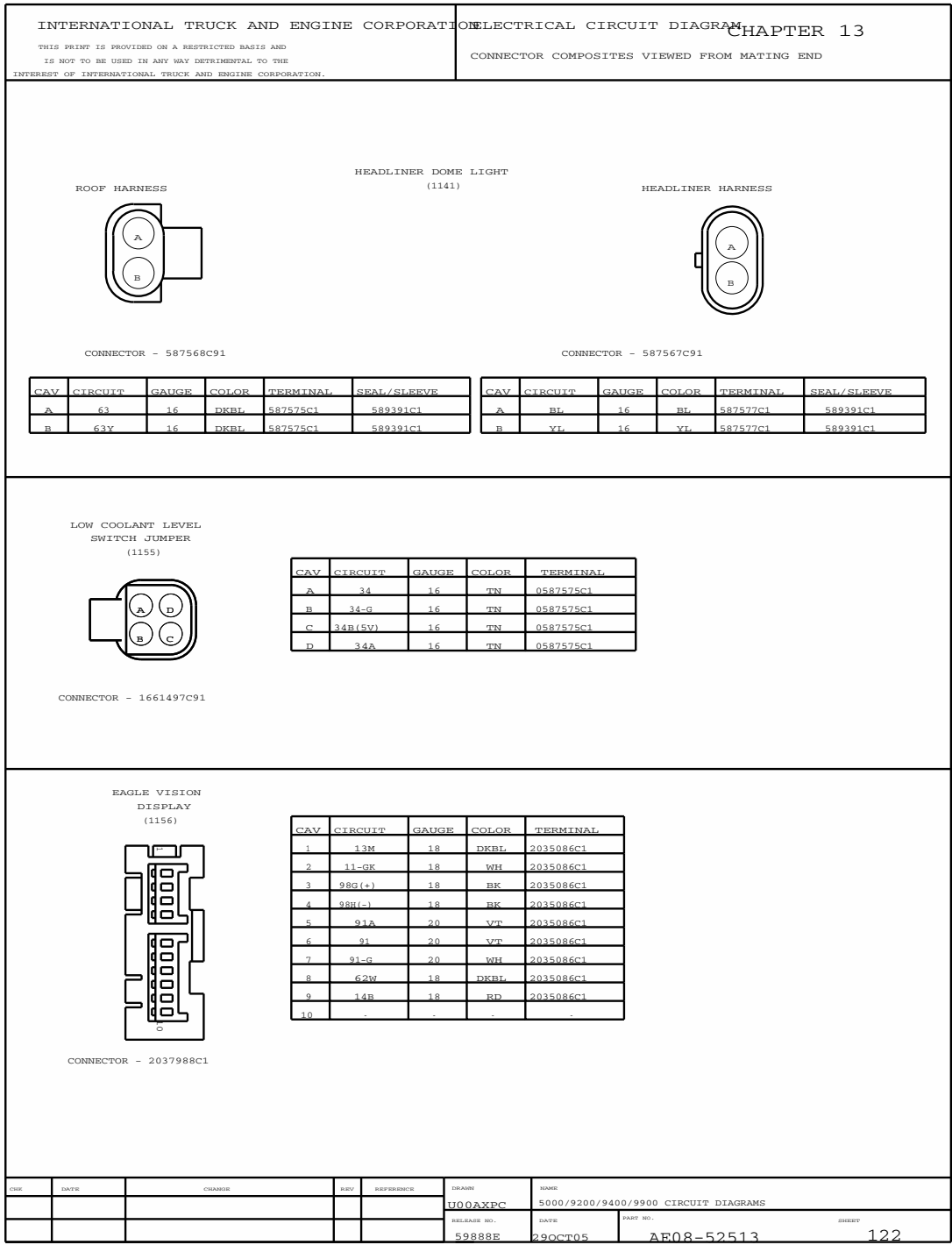


Figure 374 Connector Composites (1141), (1155), (1156)

13.130. CONNECTOR COMPOSITES (1157), (1158), (1159), (1170), P. 123

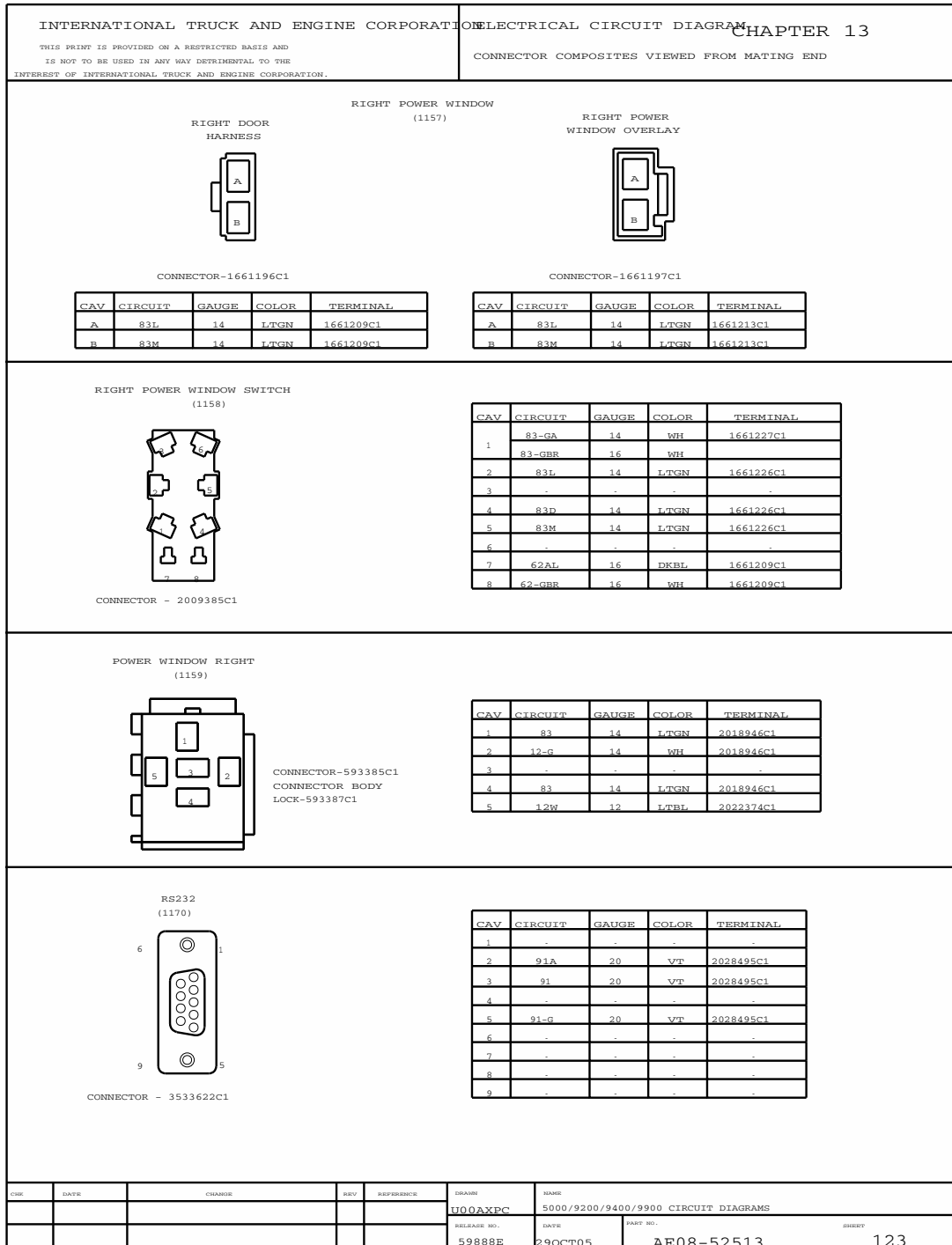


Figure 375 Connector Composites (1157), (1158), (1159), (1170)

13.131. CONNECTOR COMPOSITES (1171M), (1177), JUNCTION POINTS J4, J7, P. 124

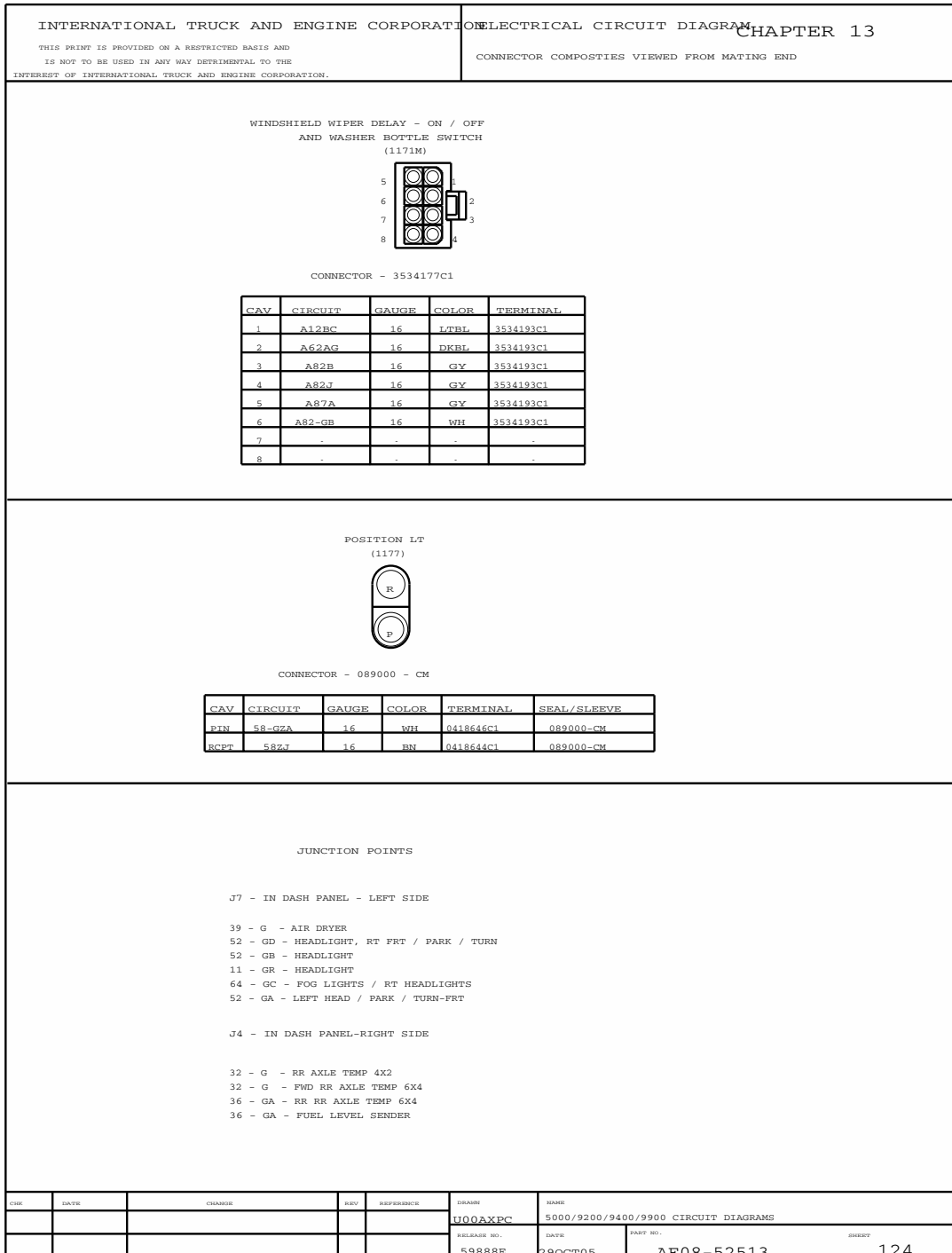


Figure 376 Connector Composites (1171M), (1177), Junction Points J4, J7

13.132. CONNECTOR COMPOSITES (1190), P. 125

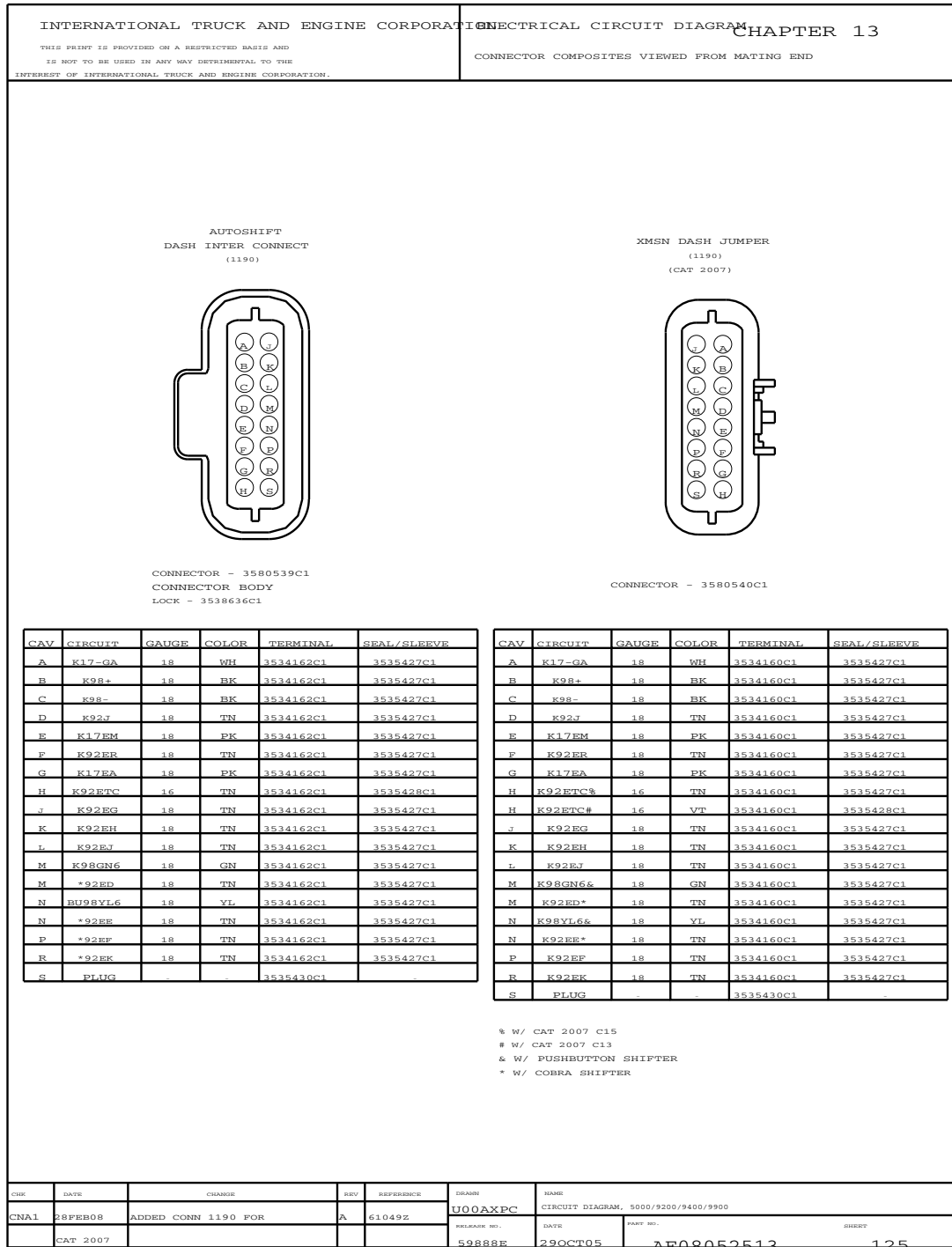


Figure 377 Connector Composites (1190)

13.133. CONNECTOR COMPOSITES (1193), P. 126

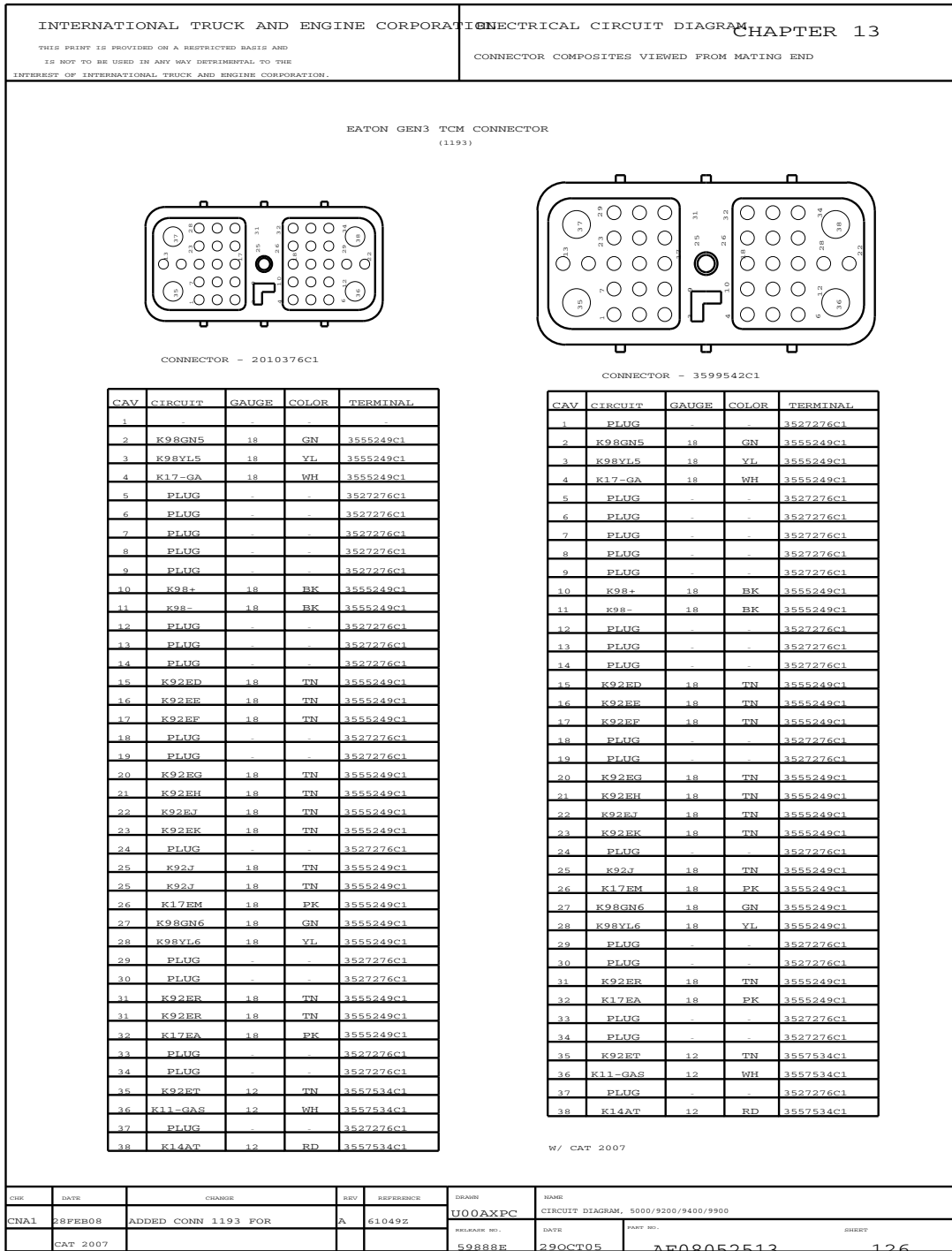


Figure 378 Connector Composites (1193)

13.134. CONNECTOR COMPOSITES (1223), (1224), (1225), P. 127

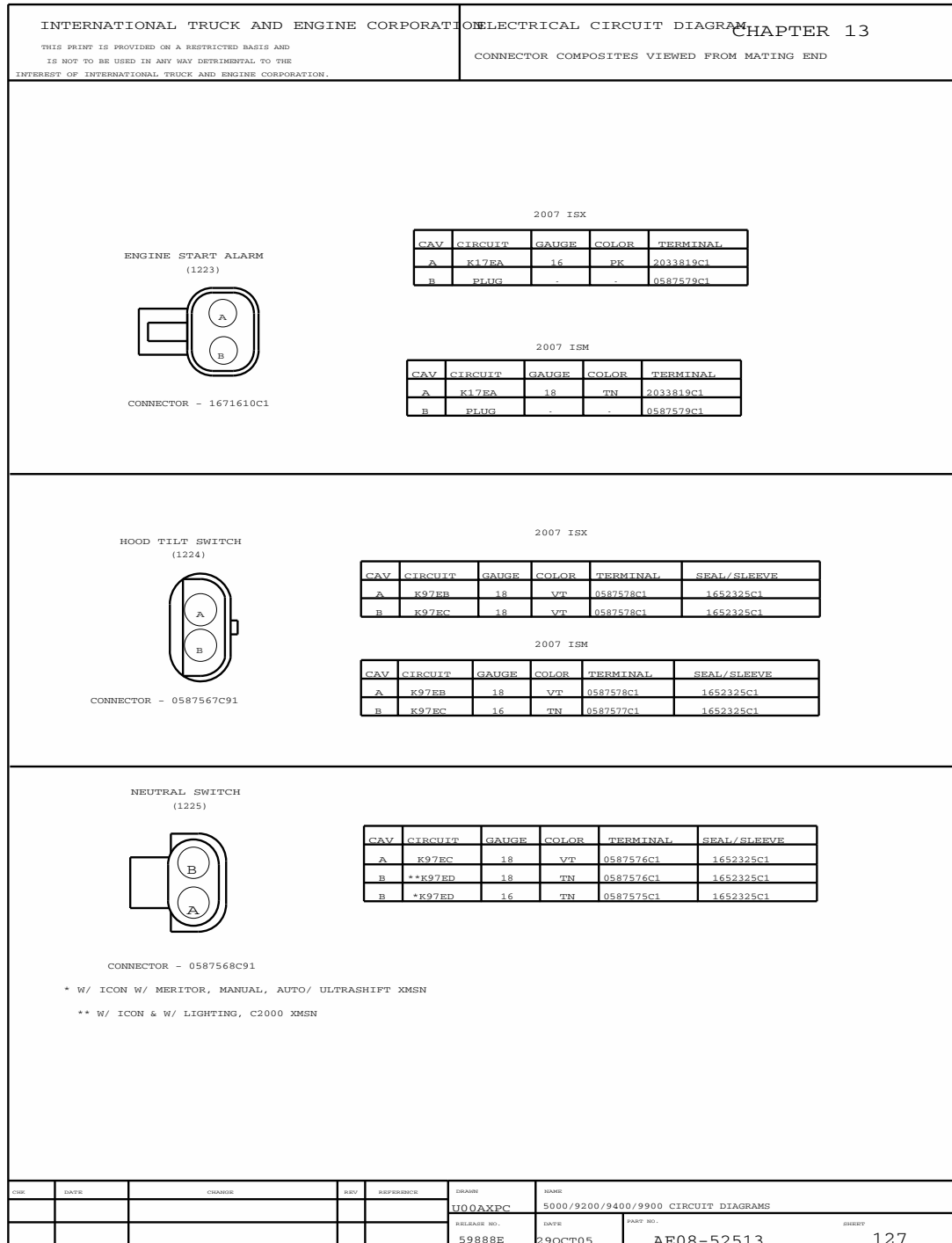


Figure 379 Connector Composites (1223), (1224), (1225)

13.135. CONNECTOR COMPOSITES (1227), (1229), P. 128

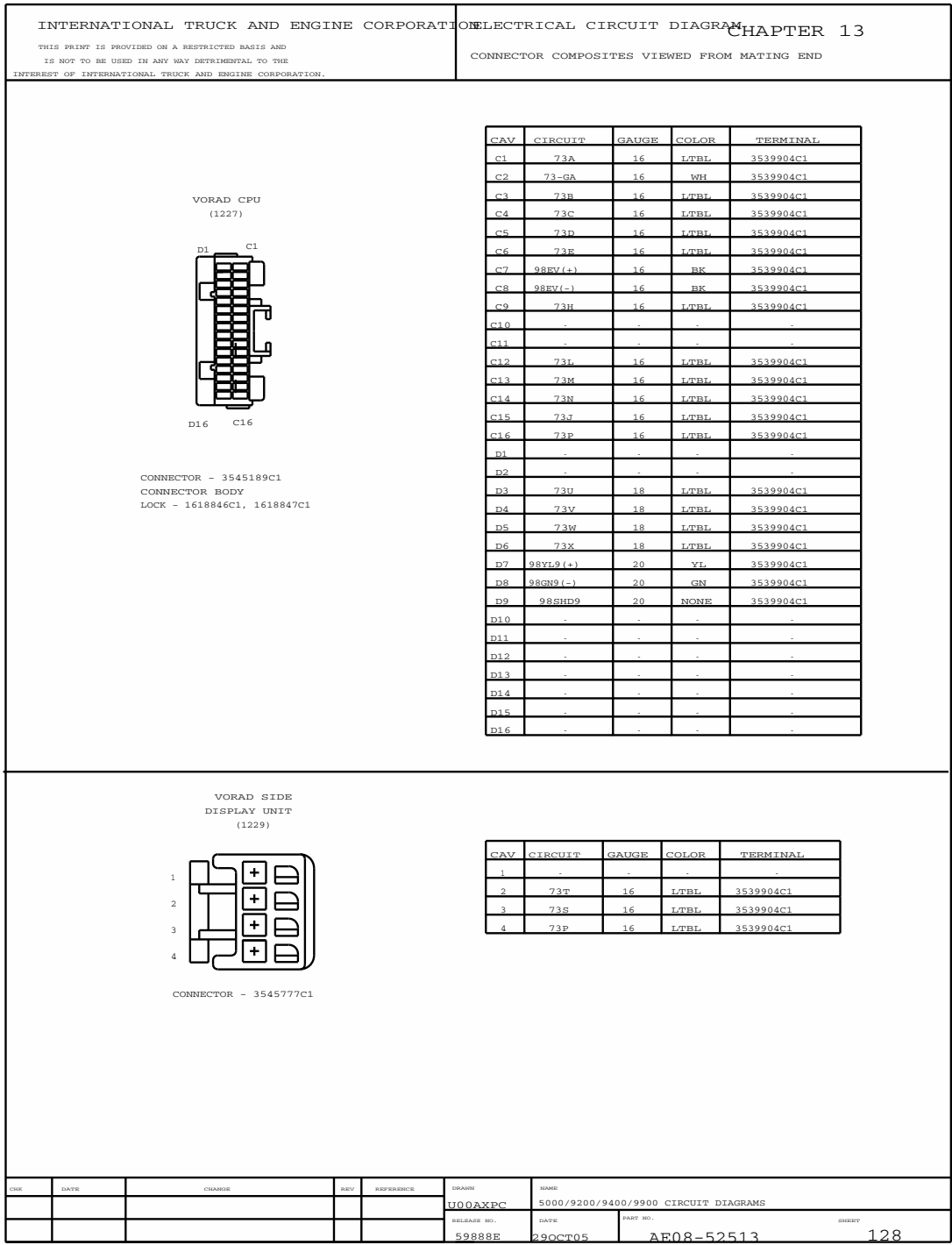


Figure 380 Connector Composites (1227), (1229)

13.136. CONNECTOR COMPOSITES (1239A, B, C), (1239), (1240), P. 129

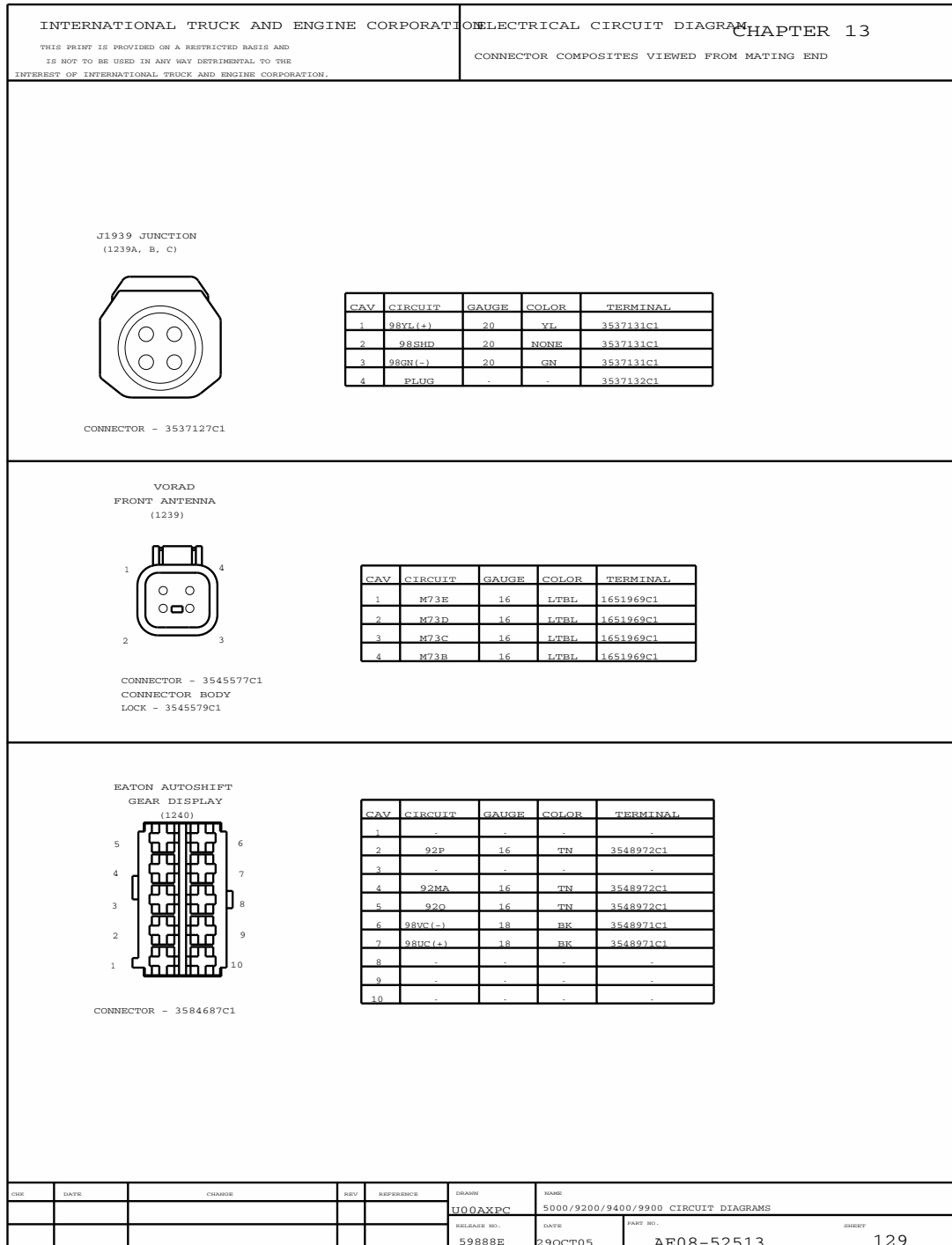


Figure 381 Connector Composites (1239A, B, C), (1239), (1240)

13.137. CONNECTOR COMPOSITES (1241), (1243), (1250), (1258F), (1260), P. 130

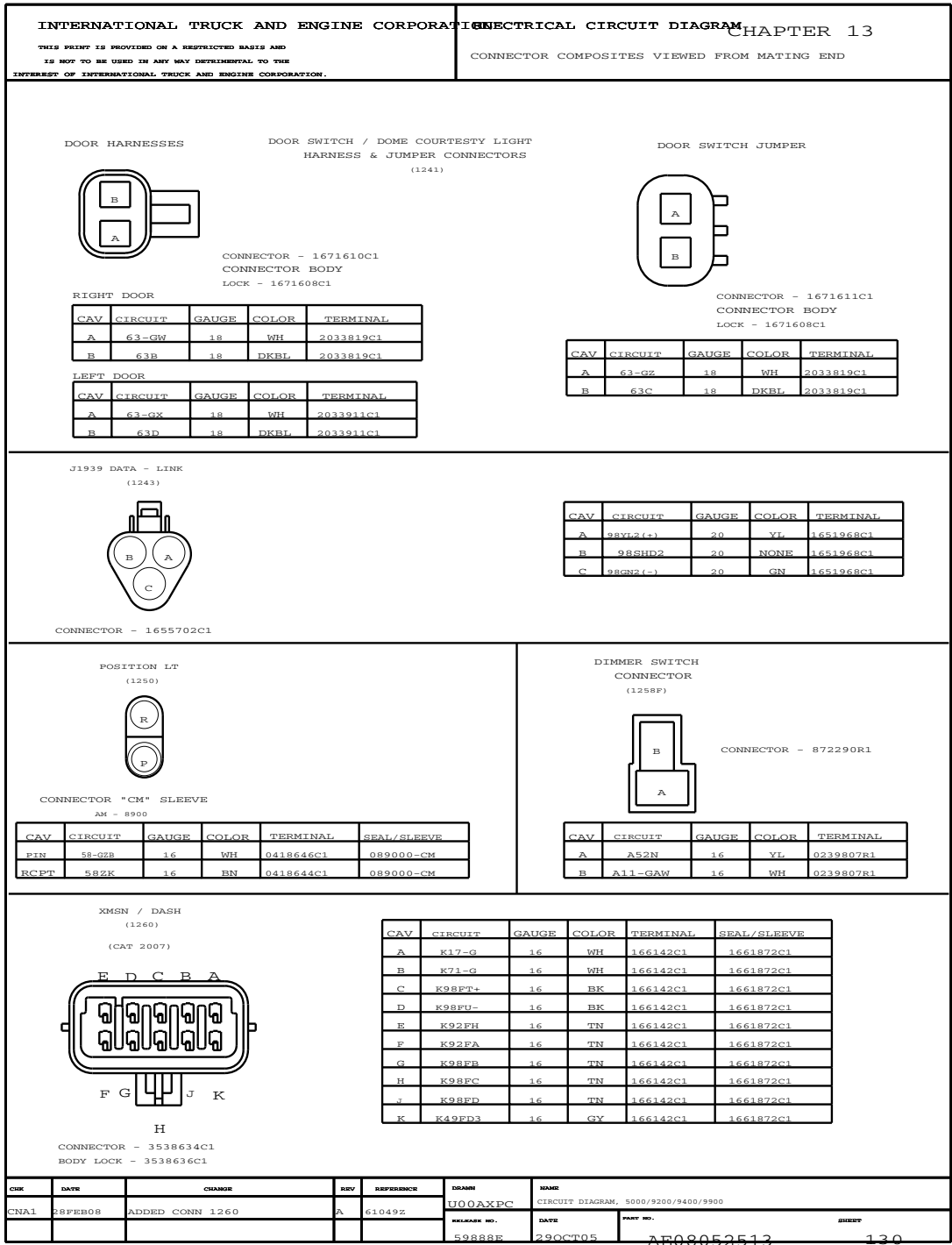


Figure 382 Connector Composites (1241), (1243), (1250), (1258F), (1260)

13.138. CONNECTOR COMPOSITES (1261), (1262), P. 131

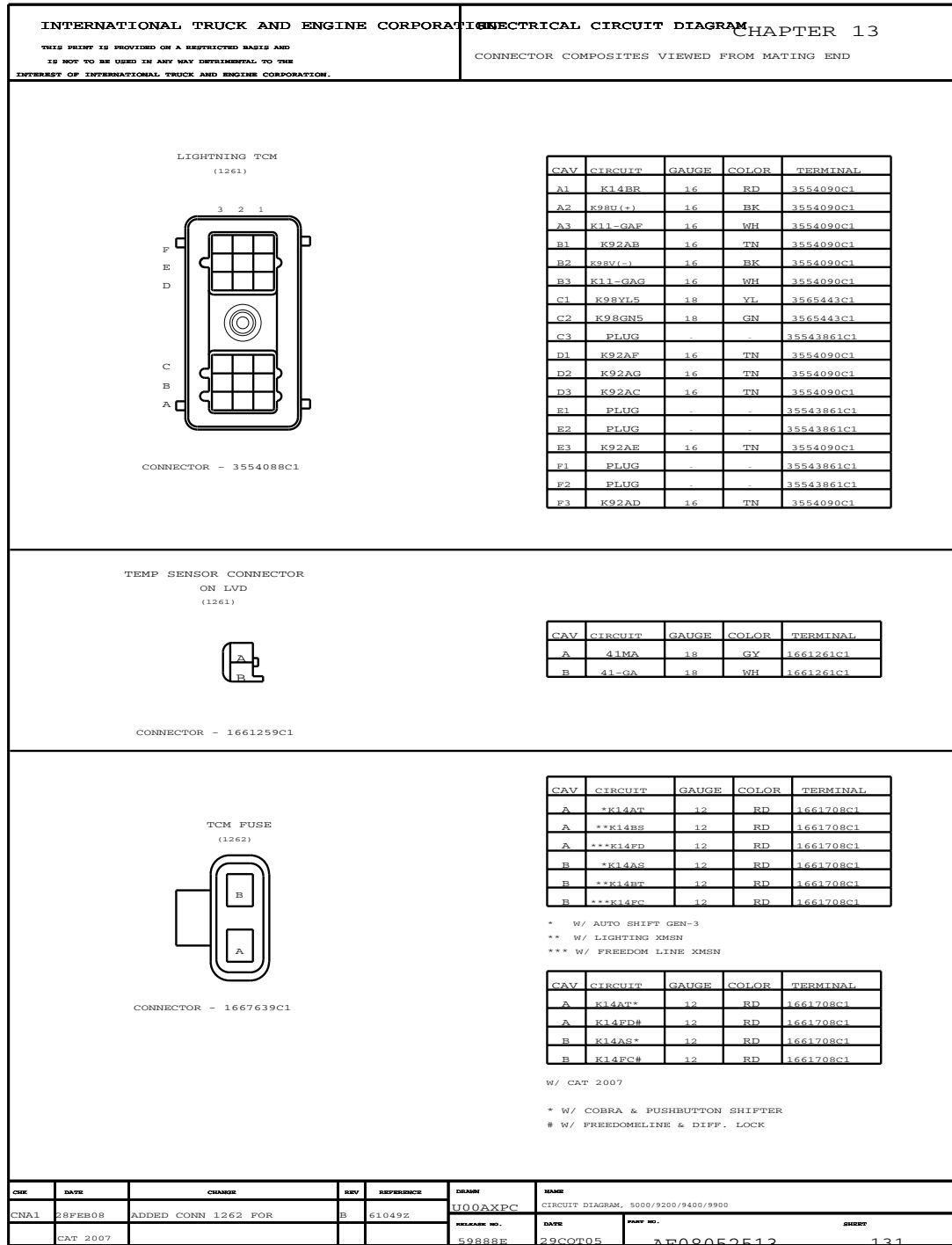


Figure 383 Connector Composites (1261), (1262)

13.139. CONNECTOR COMPOSITES (1263), (1265), (1279), P. 132

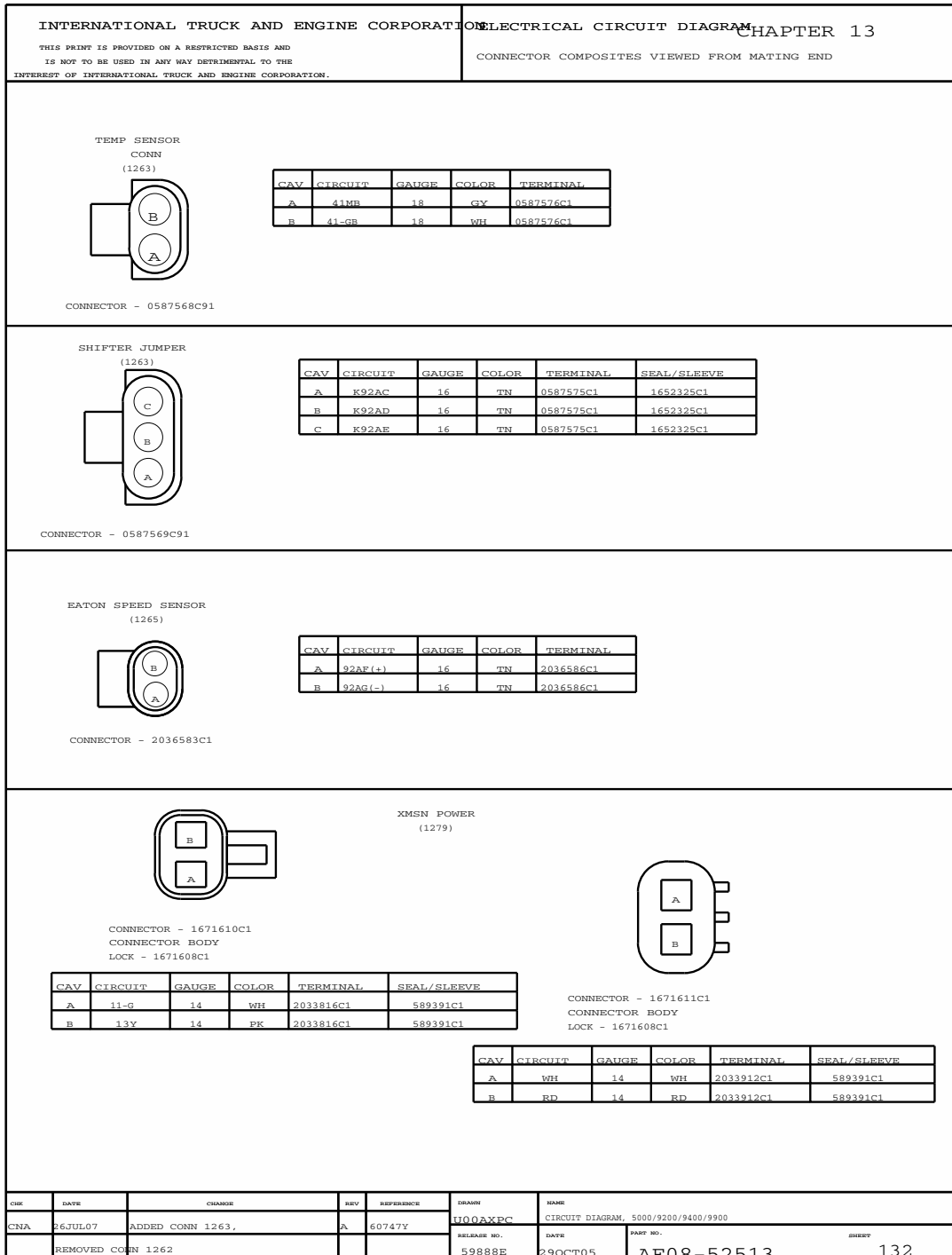


Figure 384 Connector Composites (1263), (1265), (1279)

13.140. CONNECTOR COMPOSITES (1284), (1285), P. 133

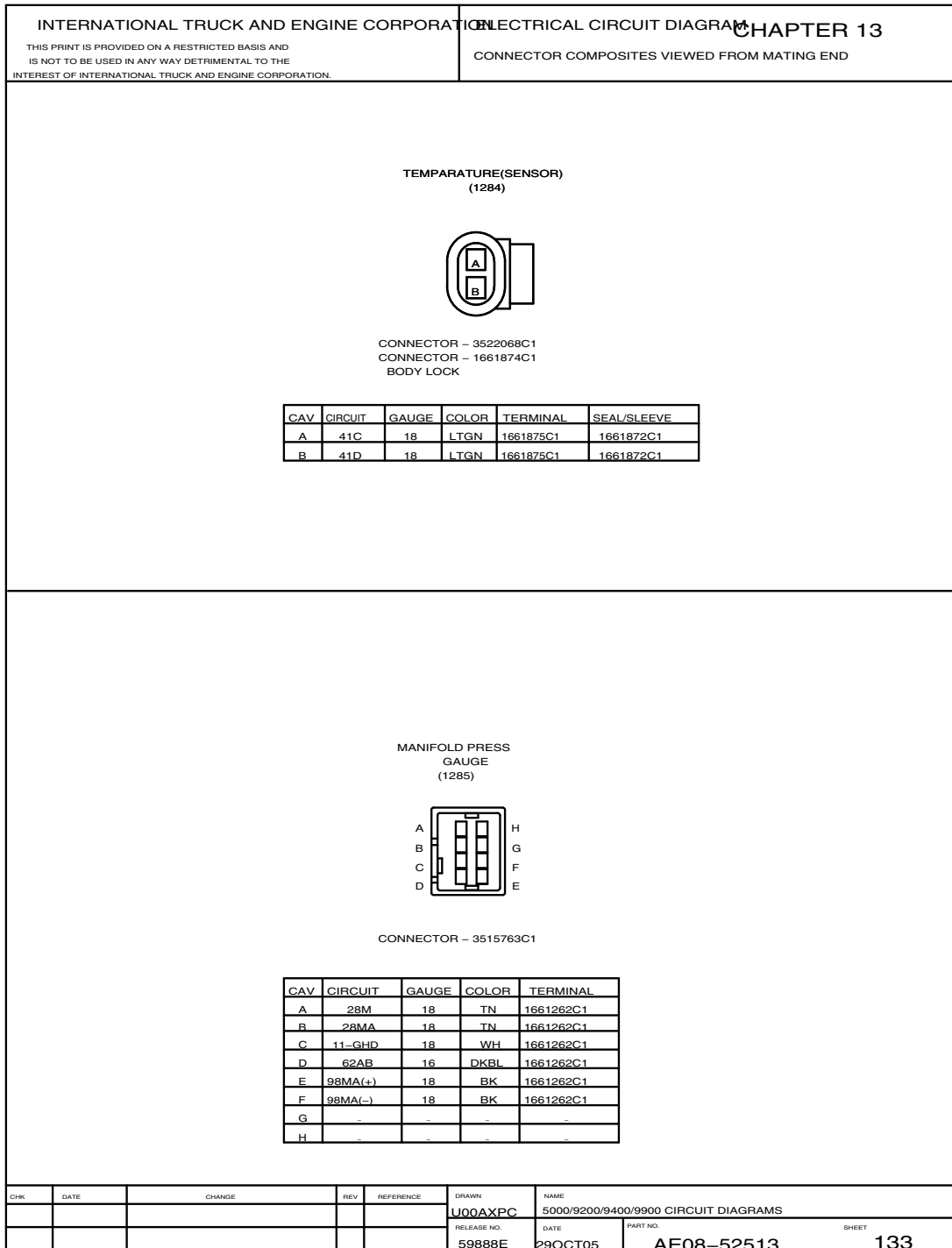


Figure 385 Connector Composites (1284), (1285)

13.141. CONNECTOR COMPOSITES (1286), (1287), (1288), (1289), P. 134

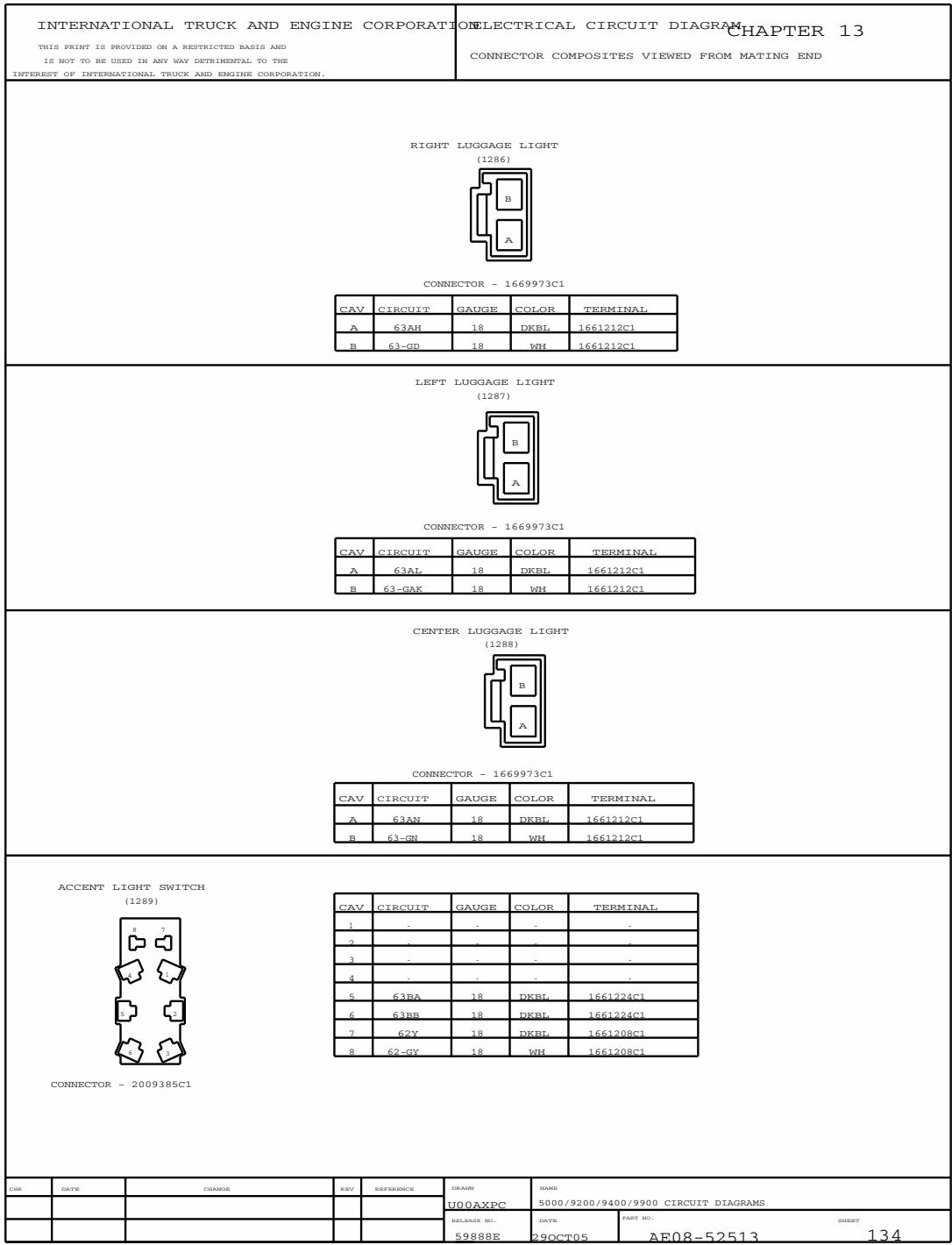


Figure 386 Connector Composites (1286), (1287), (1288), (1289)

13.142. CONNECTOR COMPOSITES (1304), (1305), (1306), (1307), (1308), (1309M), P. 135

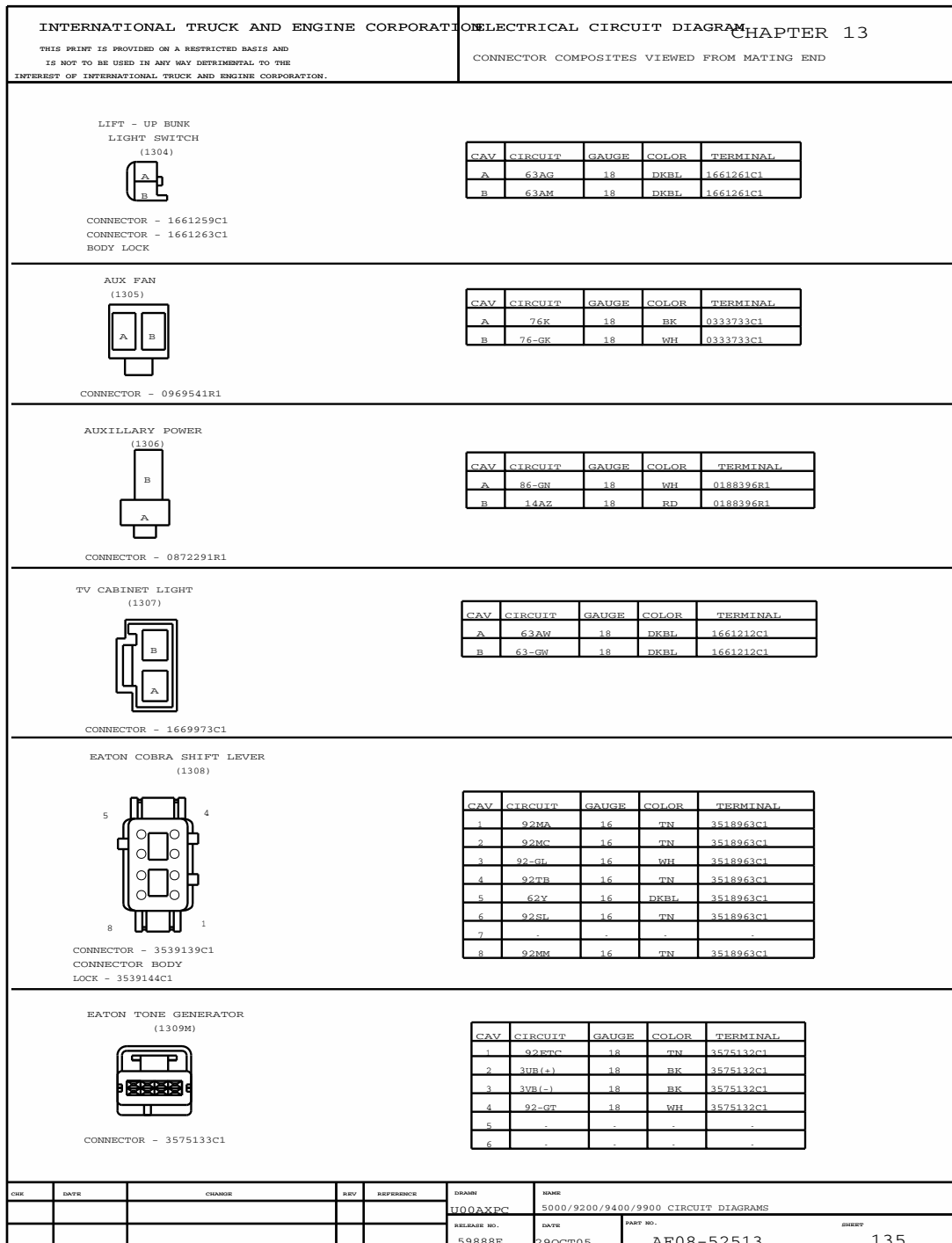


Figure 387 Connector Composites (1304), (1305), (1306), (1307), (1308), (1309M)

13.143. CONNECTOR COMPOSITES (1310), (1311), (1312), (1313), (1315), (1316), P. 136

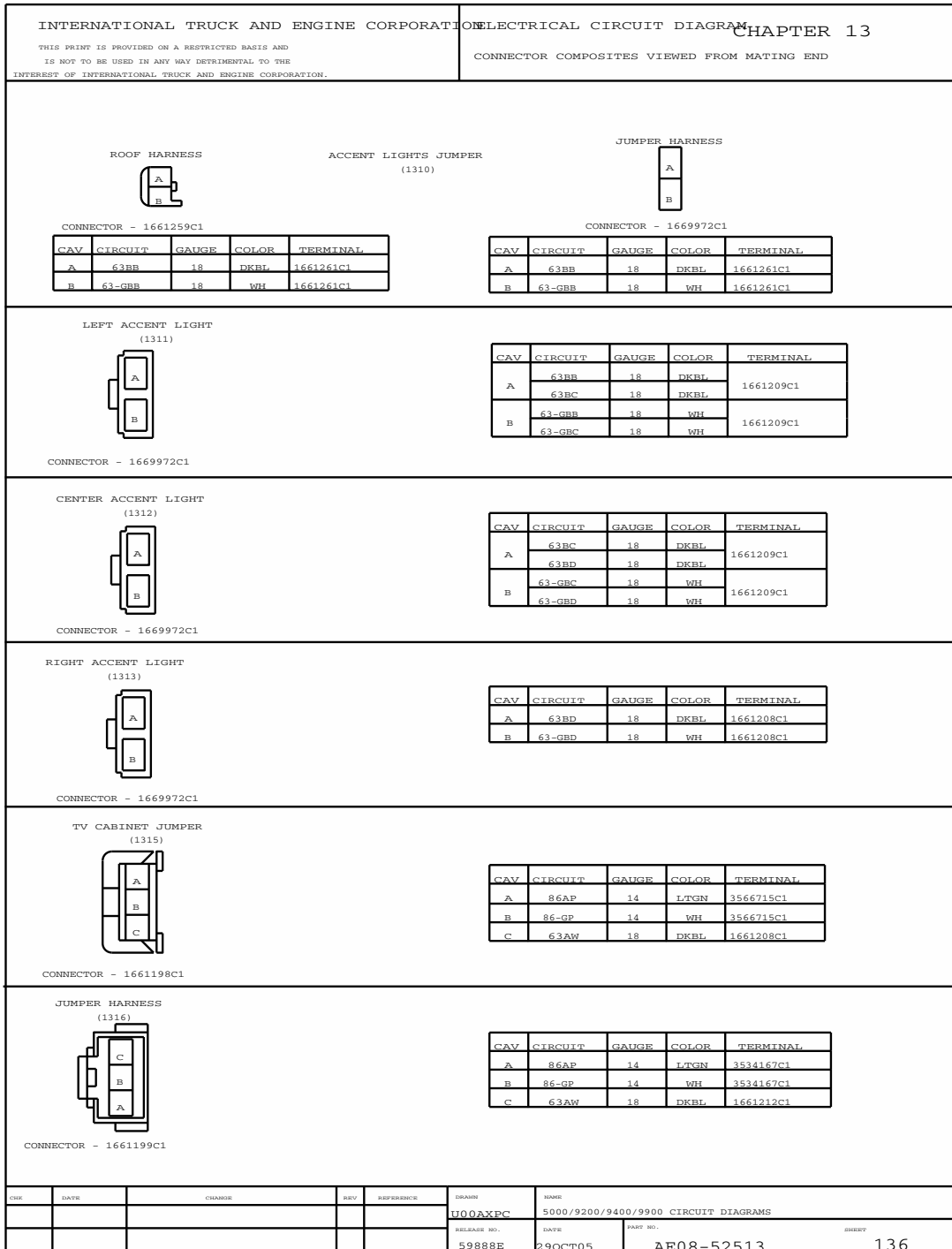


Figure 388 Connector Composites (1310), (1311), (1312), (1313), (1315), (1316)

13.144. CONNECTOR COMPOSITES (1324), (1327), P. 137

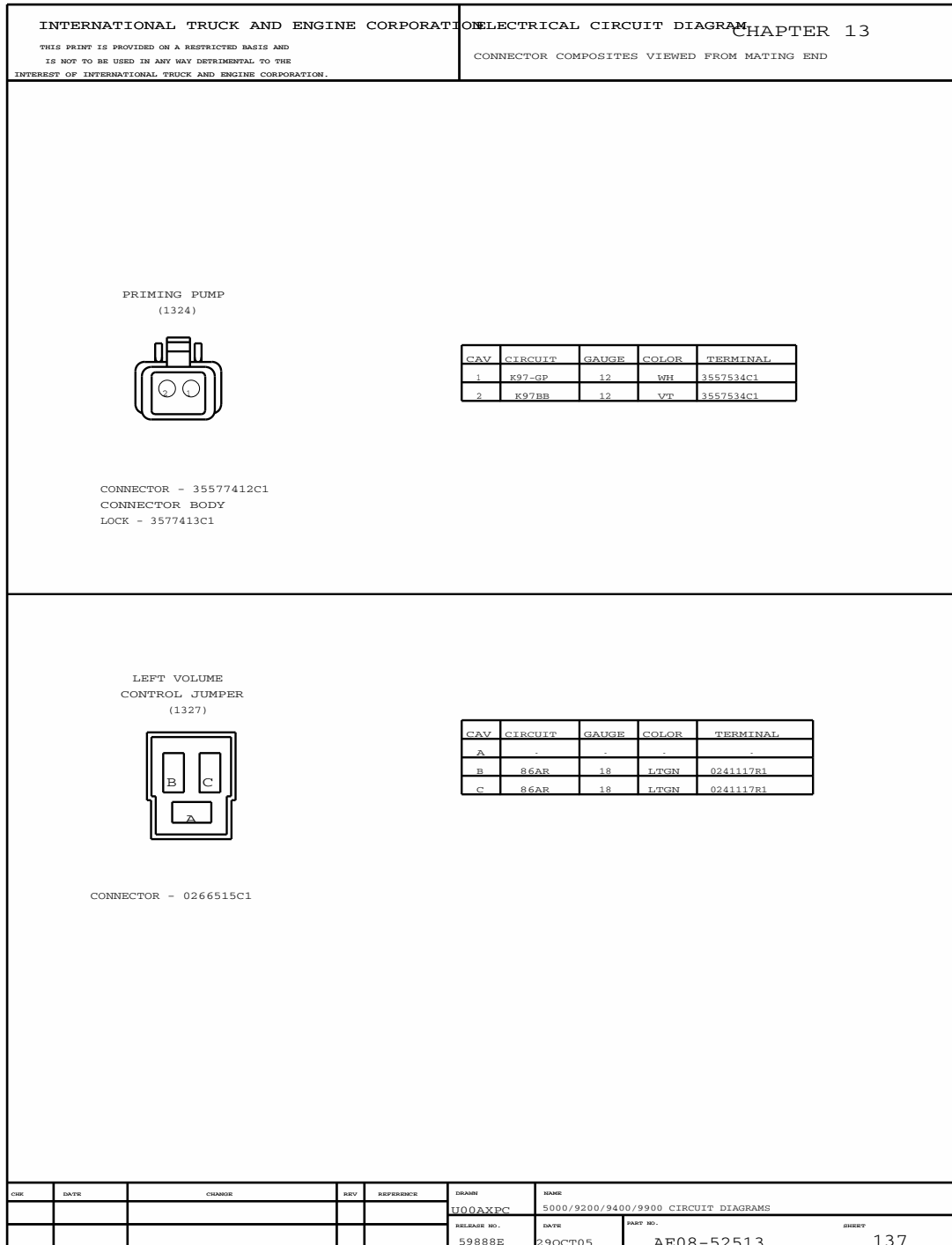


Figure 389 Connector Composites (1324), (1327)

13.145. CONNECTOR COMPOSITES (1328), (1331), (1332), P. 138

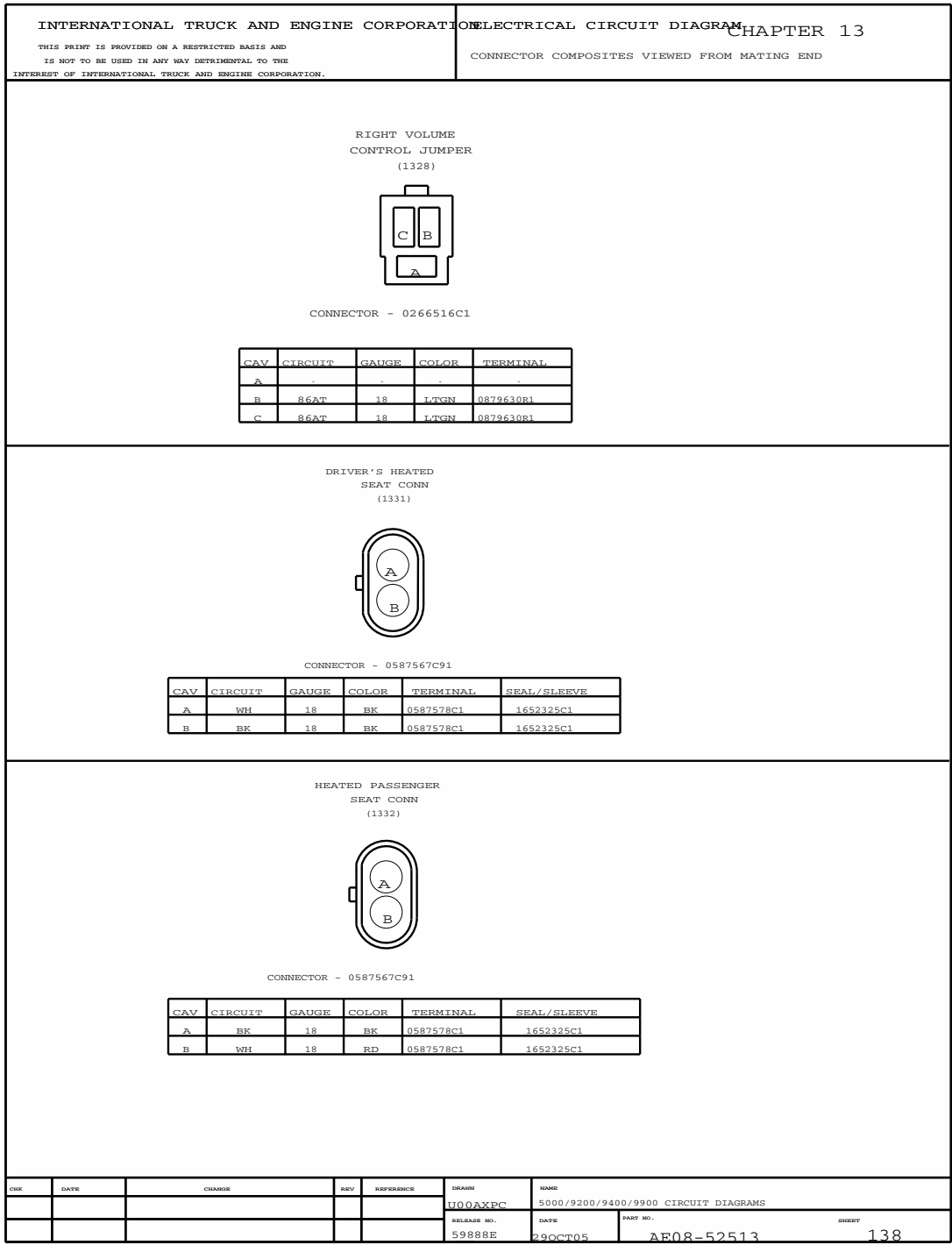


Figure 390 Connector Composites (1328), (1331), (1332)

13.146. CONNECTOR COMPOSITES (1348), (1349), P. 139

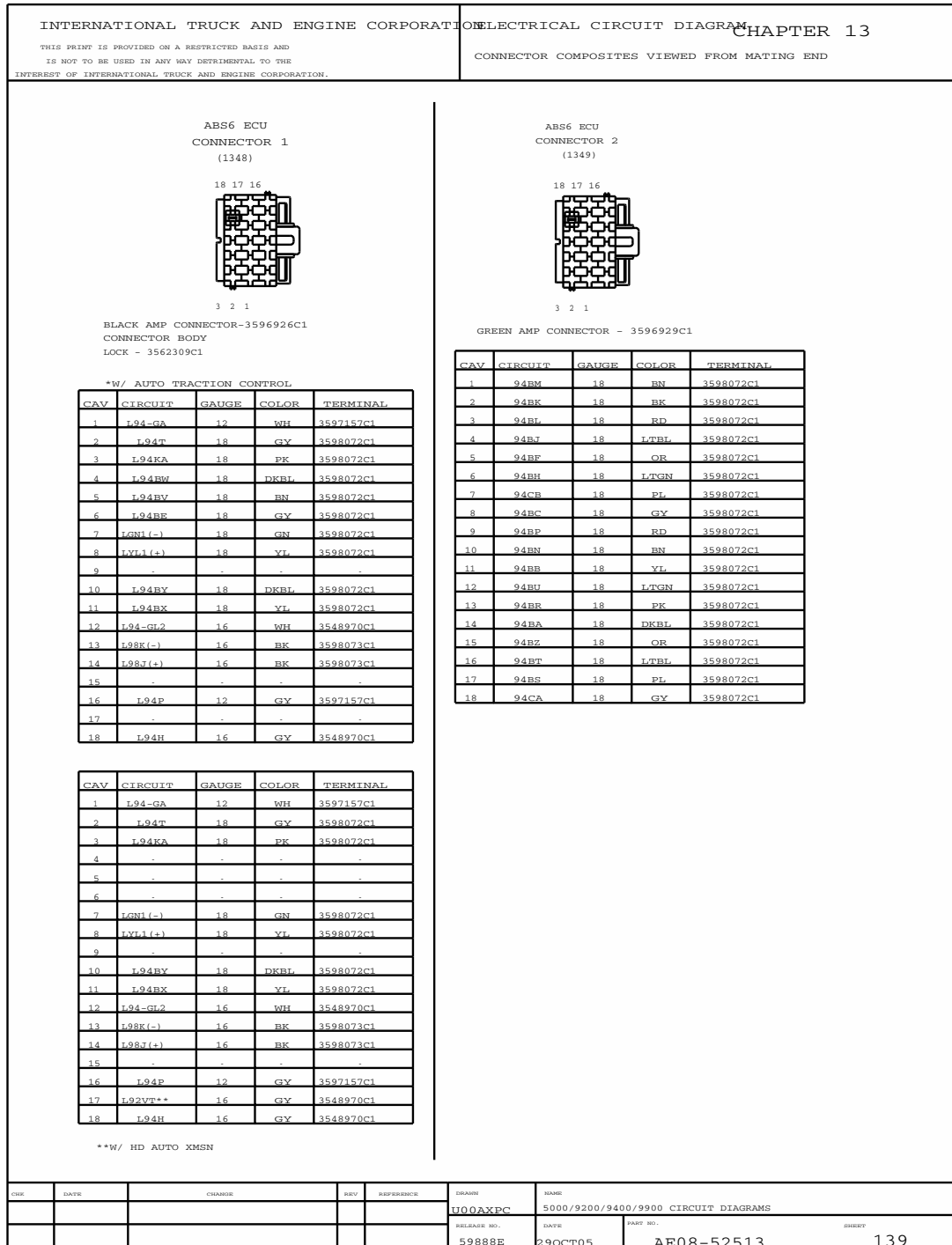


Figure 391 Connector Composites (1348), (1349)

13.147. CONNECTOR COMPOSITES (1365), (1366), (1367), P. 140

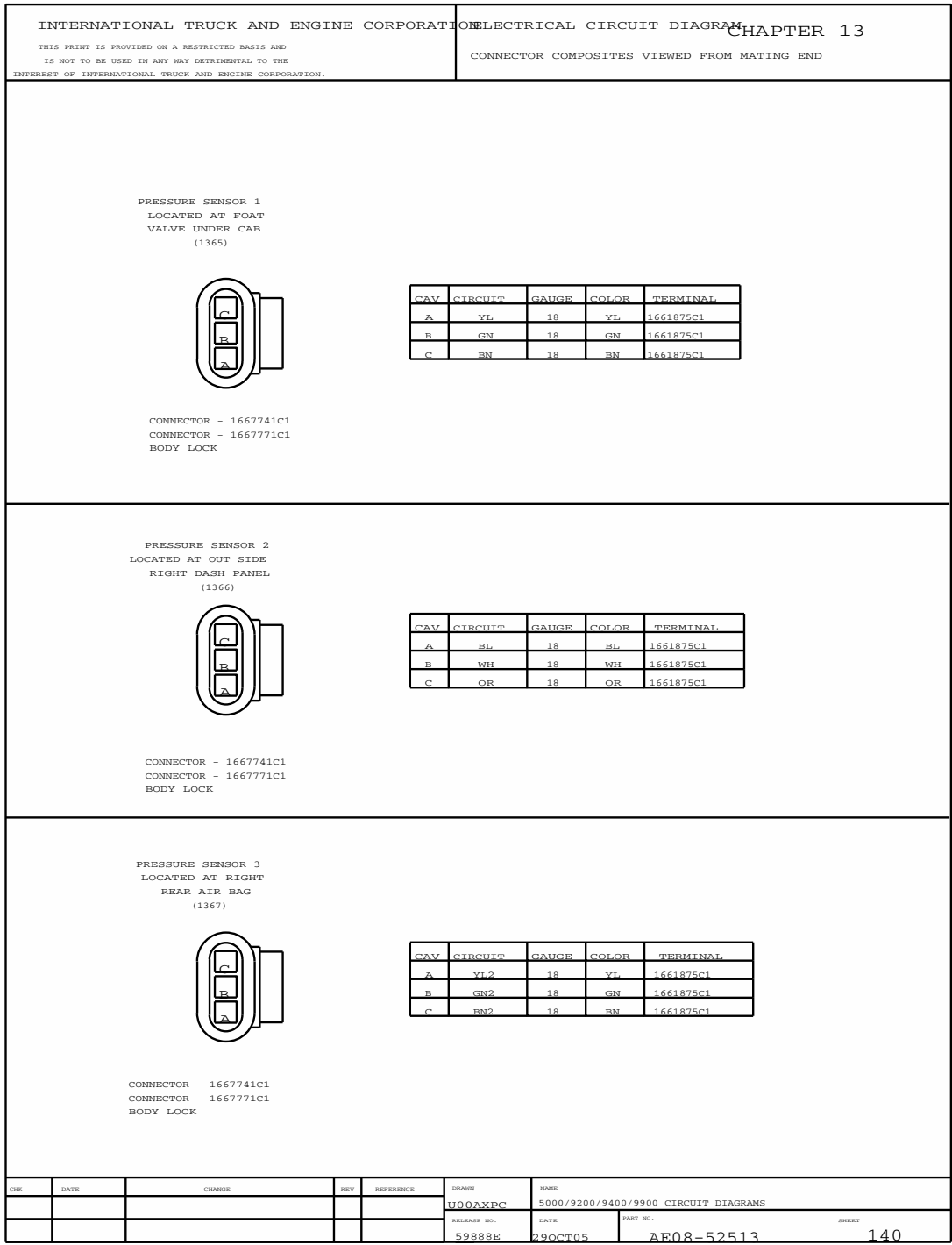


Figure 392 Connector Composites (1365), (1366), (1367)

13.148. CONNECTOR COMPOSITES (1342), (1370), (1371), P. 141

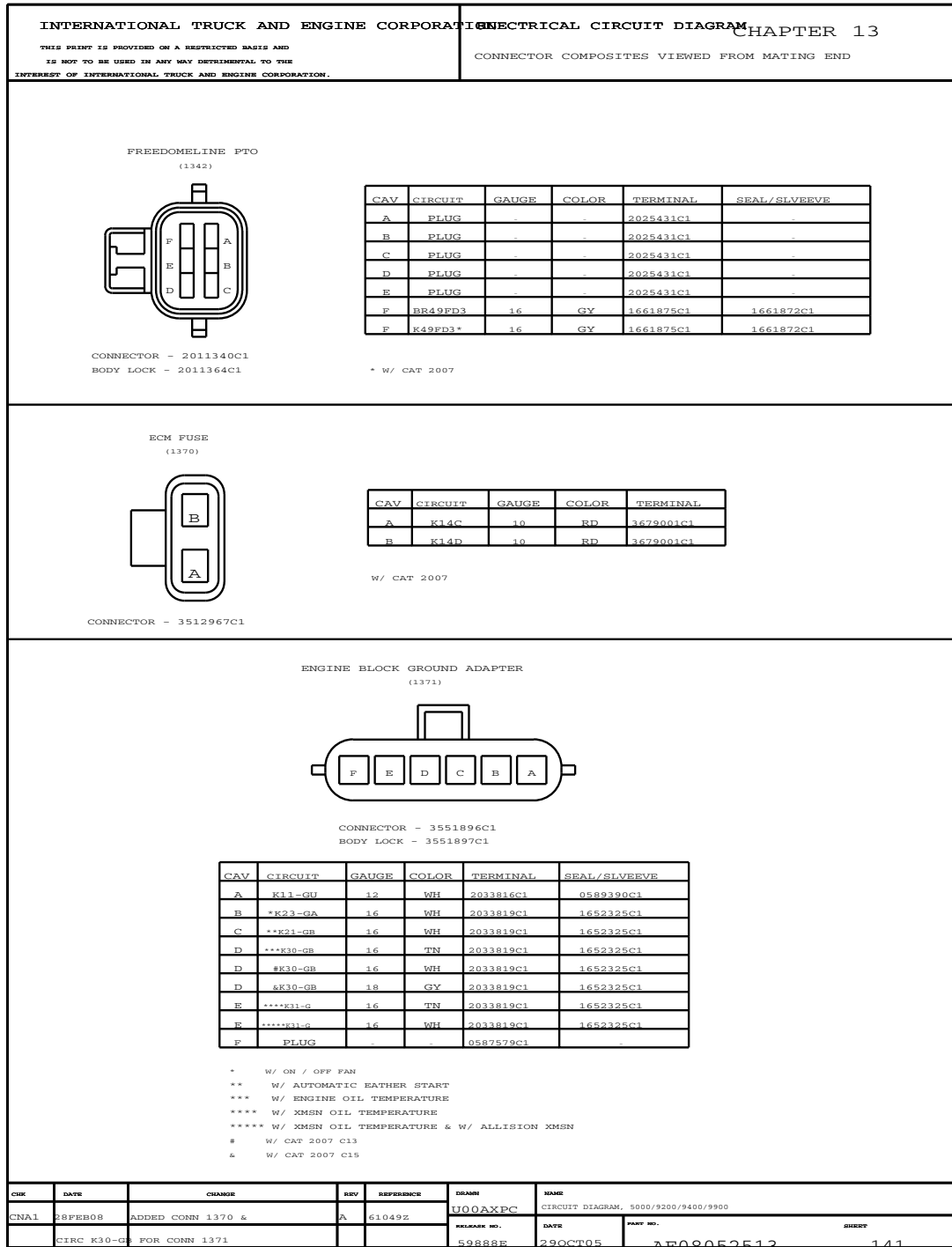


Figure 393 Connector Composites (1342), (1370), (1371)

13.149. CONNECTOR COMPOSITES (1375), (1376), P. 142

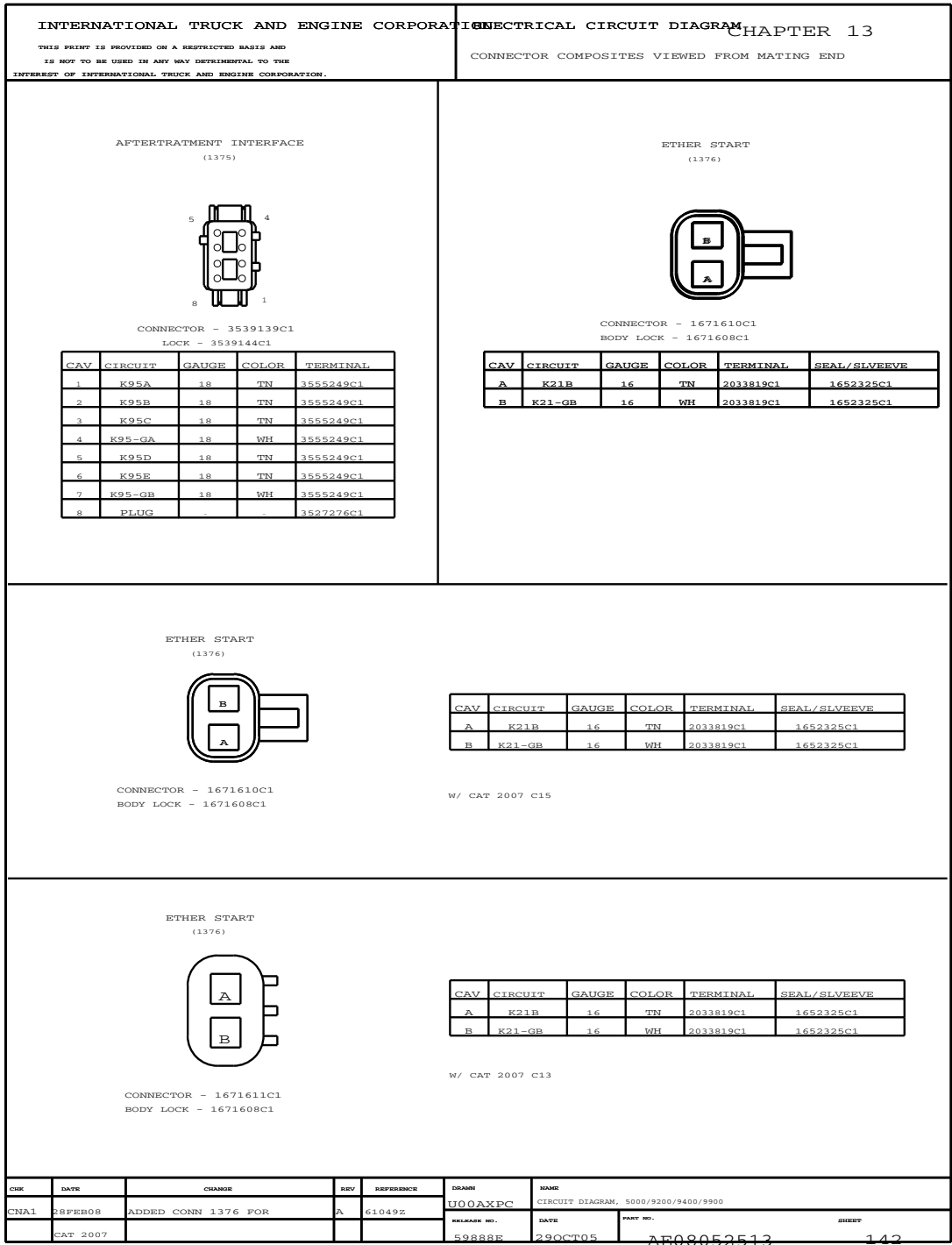


Figure 394 Connector Composites (1375), (1376)

13.150. CONNECTOR COMPOSITES (1386), (1387), P. 143

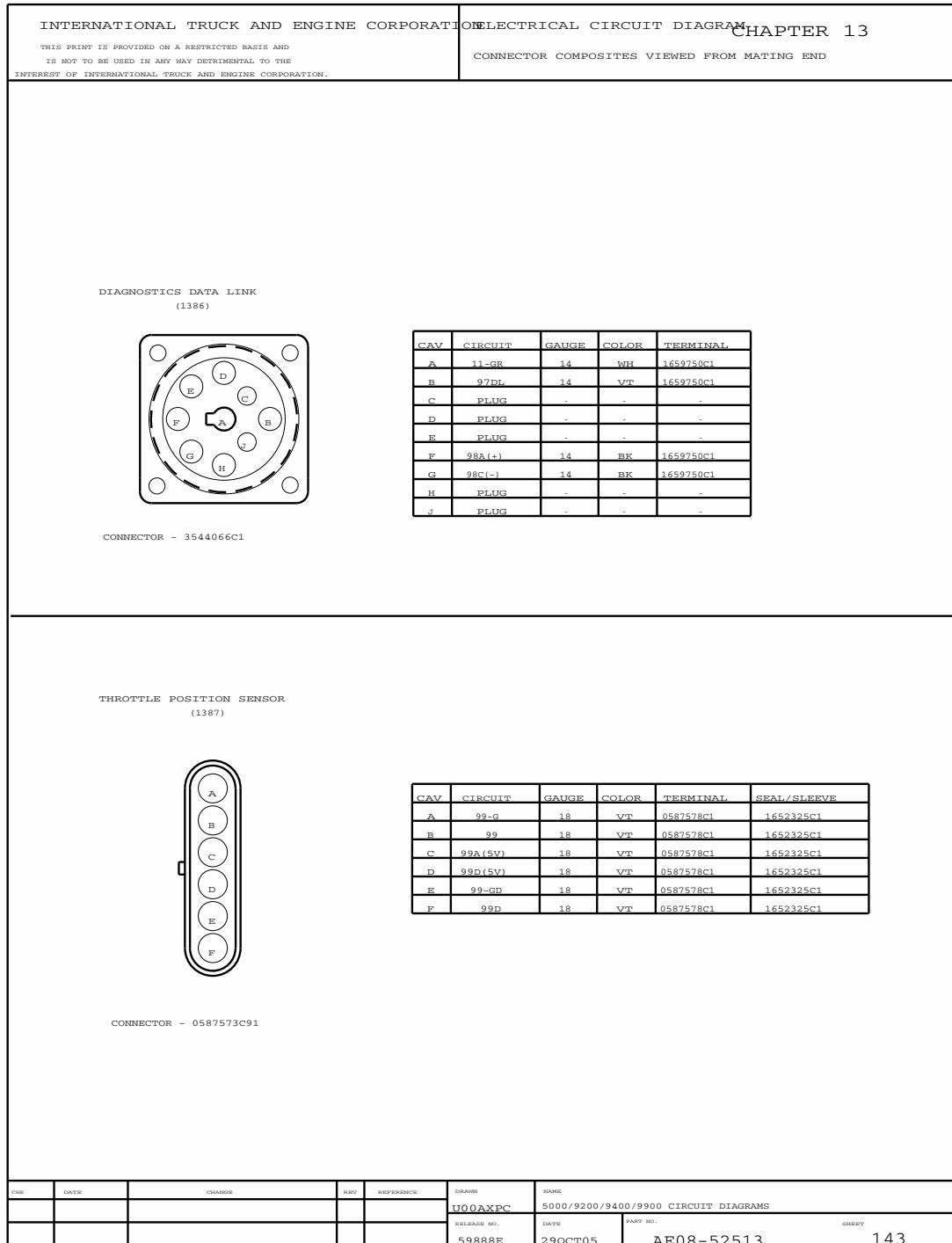


Figure 395 Connector Composites (1386), (1387)

13.151. CONNECTOR COMPOSITES (1430), (1431), (4321), (4322), (5F), P. 144

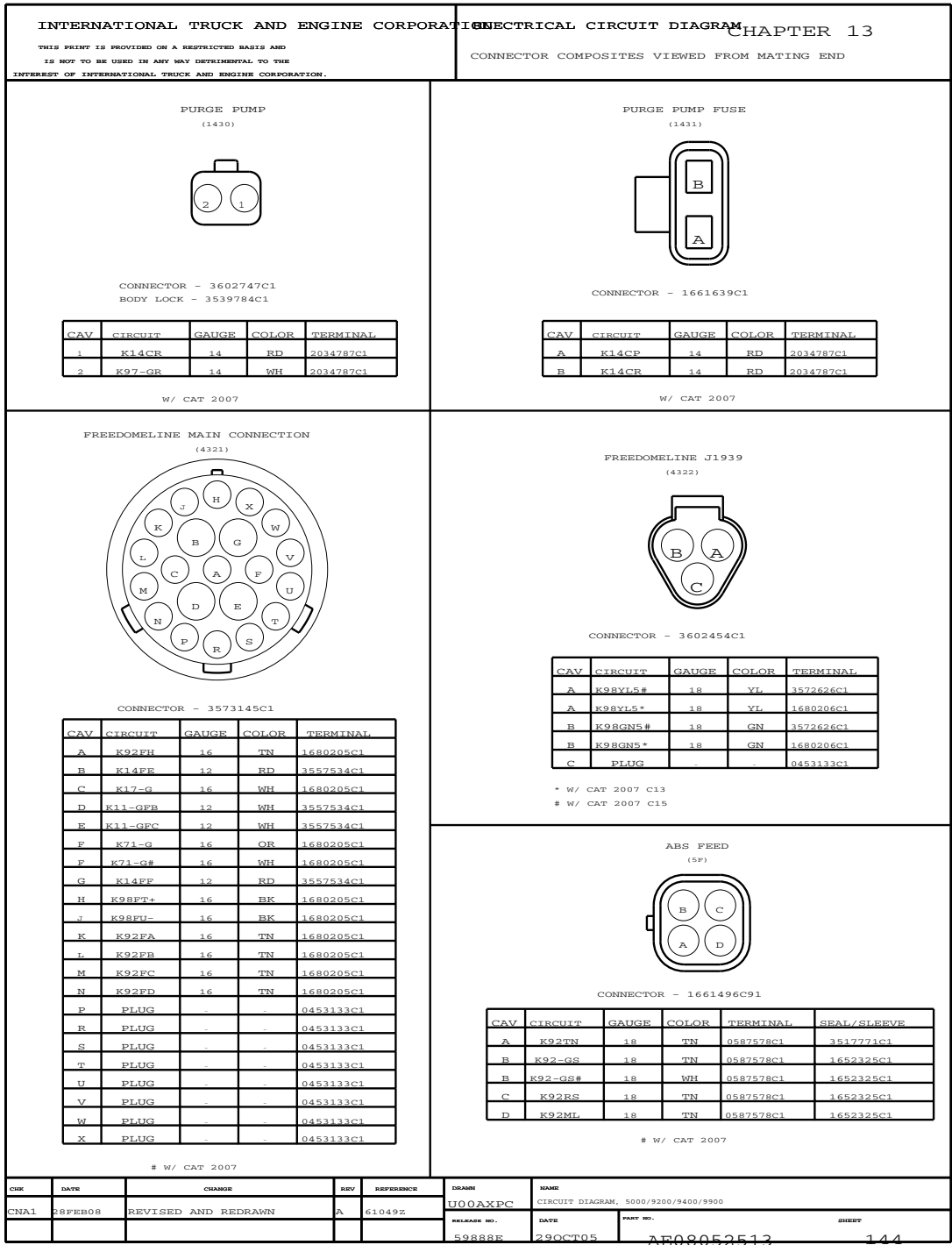


Figure 396 Connector Composites (1430), (1431), (4321), (4322), (5F)

13.152. CONNECTOR COMPOSITES (100F), P. 145

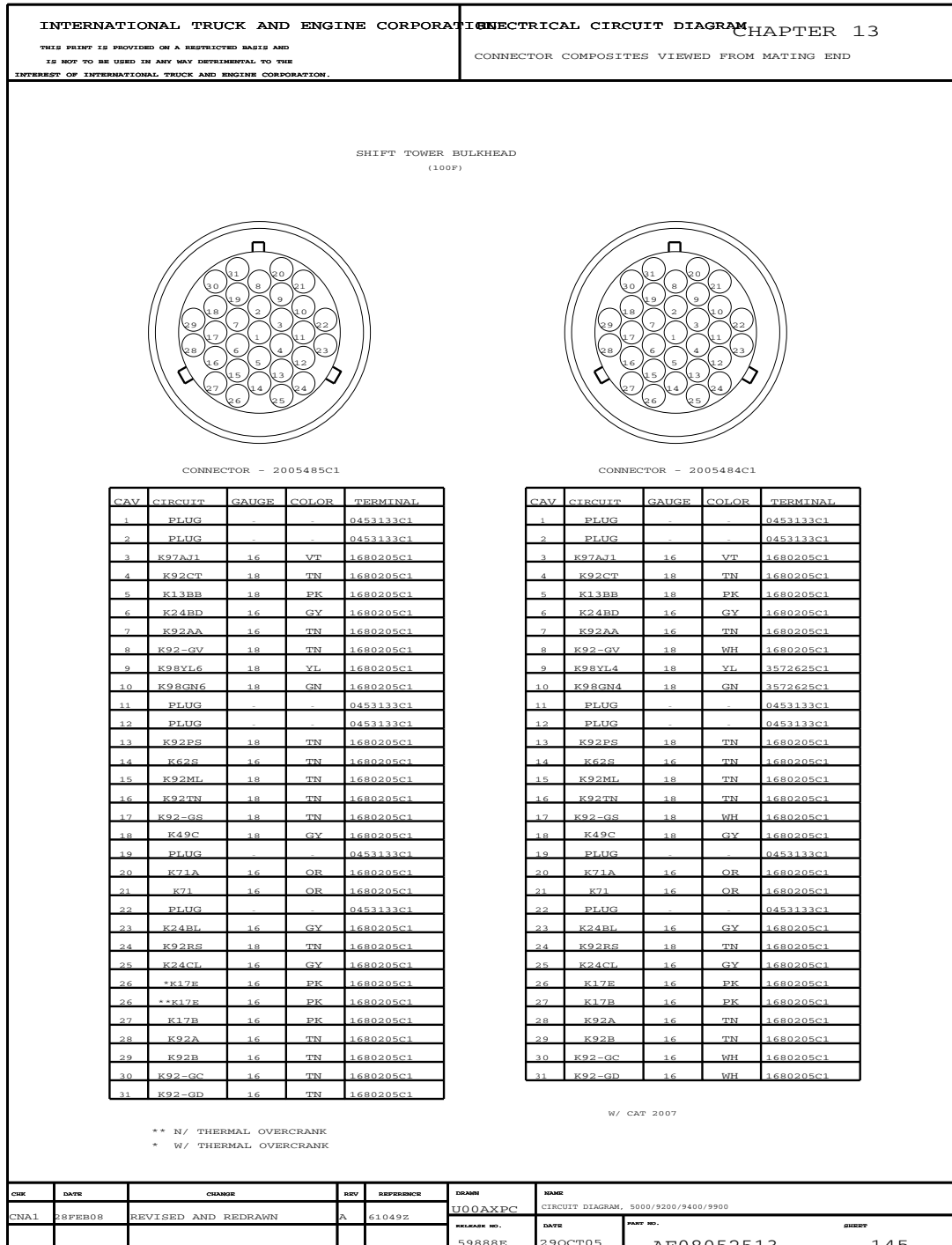


Figure 397 Connector Composites (100F)

13.153. CONNECTOR COMPOSITES (137M), (141M), (152M), P. 146

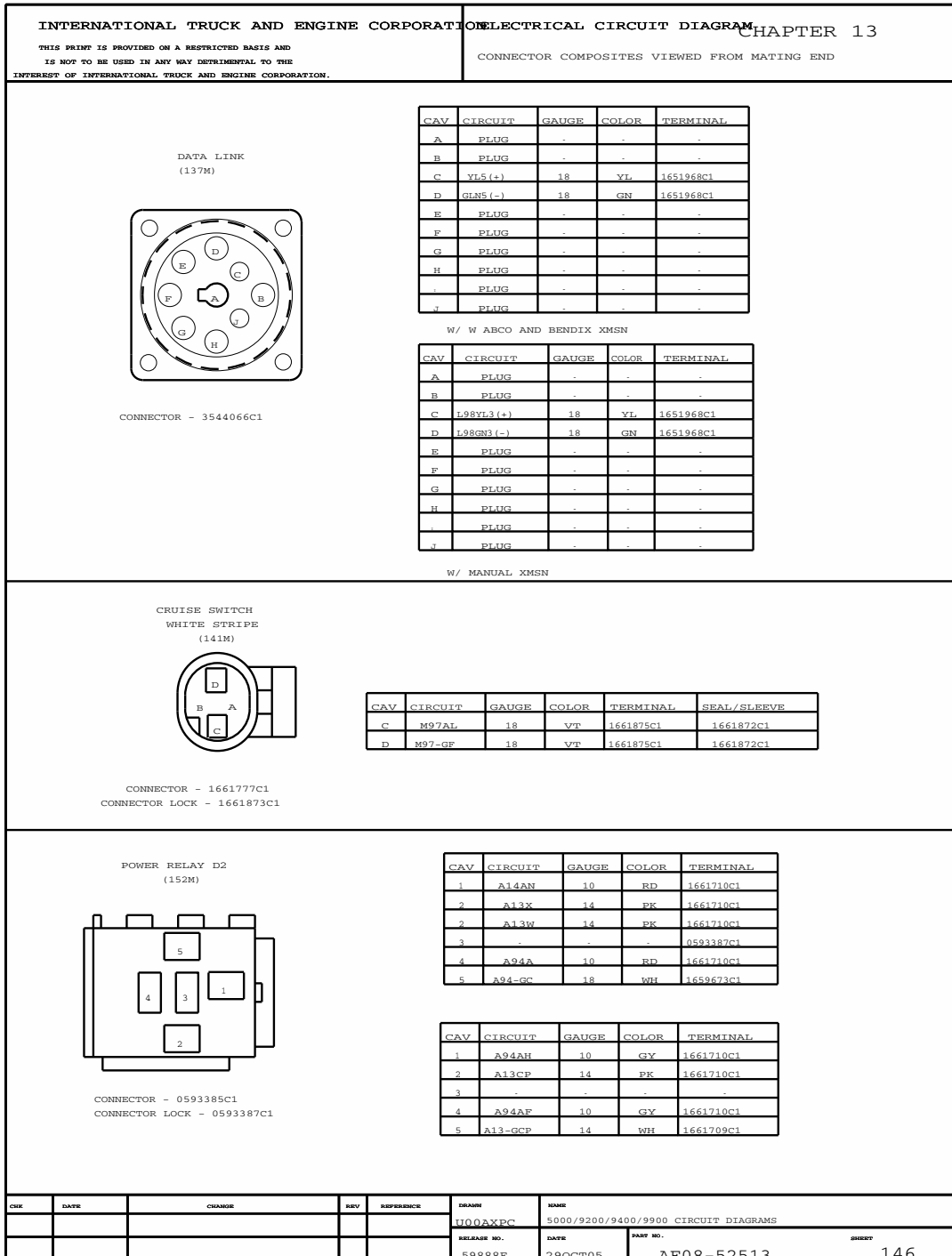


Figure 398 Connector Composites (137M), (141M), (152M)

13.154. CONNECTOR COMPOSITES (303F), (303M), (438M), P. 147

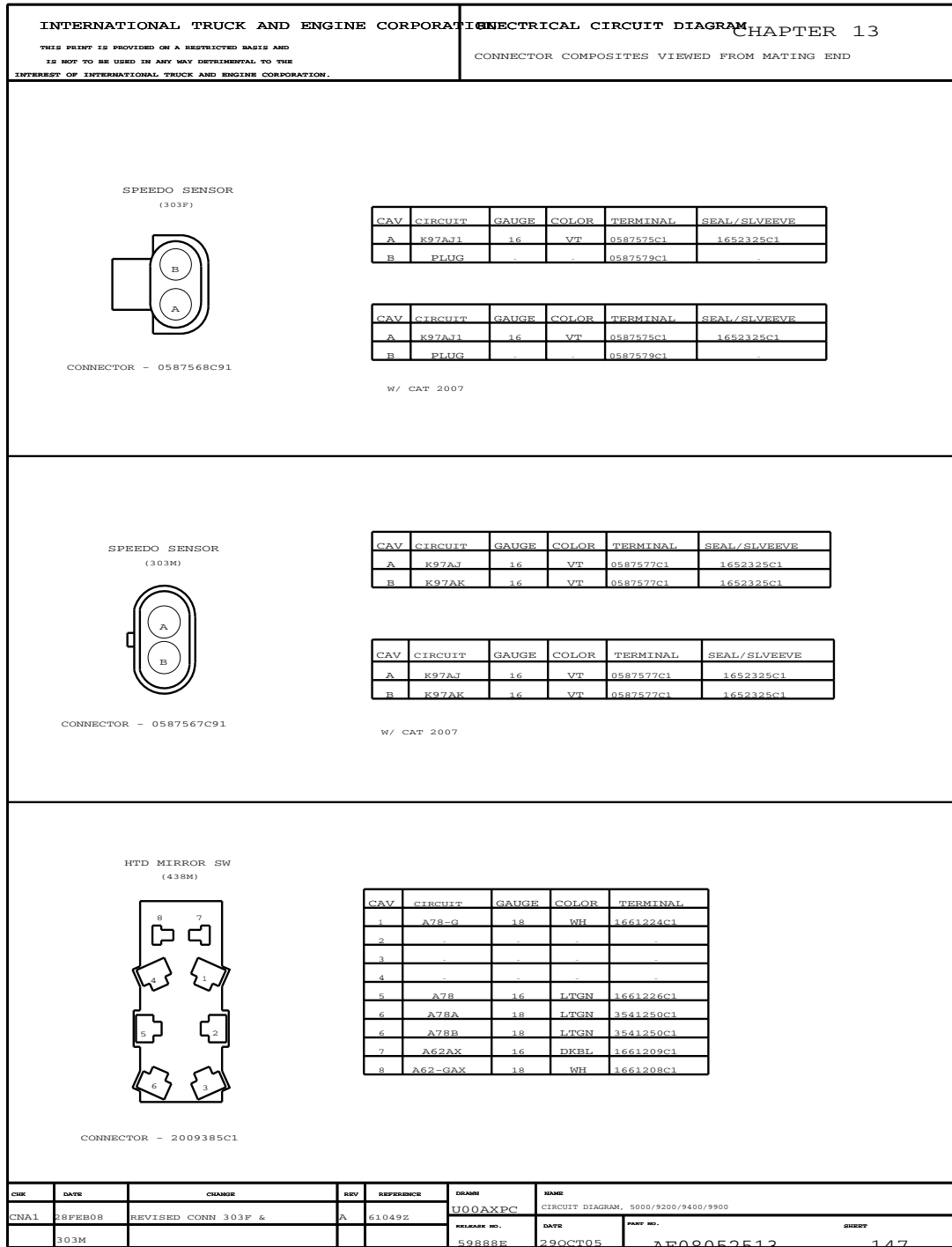


Figure 399 Connector Composites (303F), (303M), (438M)

13.155. CONNECTOR COMPOSITES (480F), (480M), (481M), (482M), P. 148

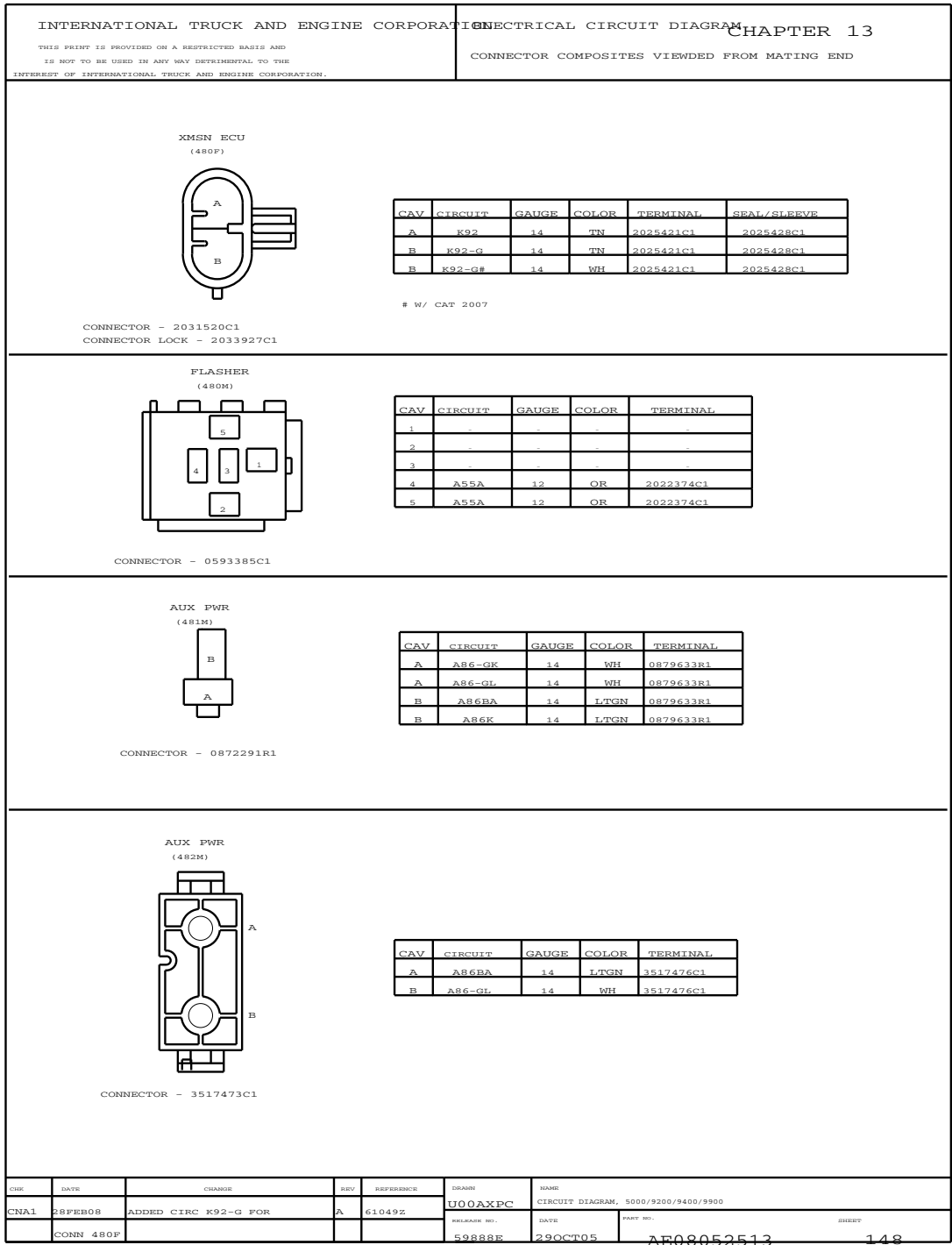


Figure 400 Connector Composites (480F), (480M), (481M), (482M)

13.156. CONNECTOR COMPOSITES (1084M), (1085M), (1174M), (1209F), P. 149

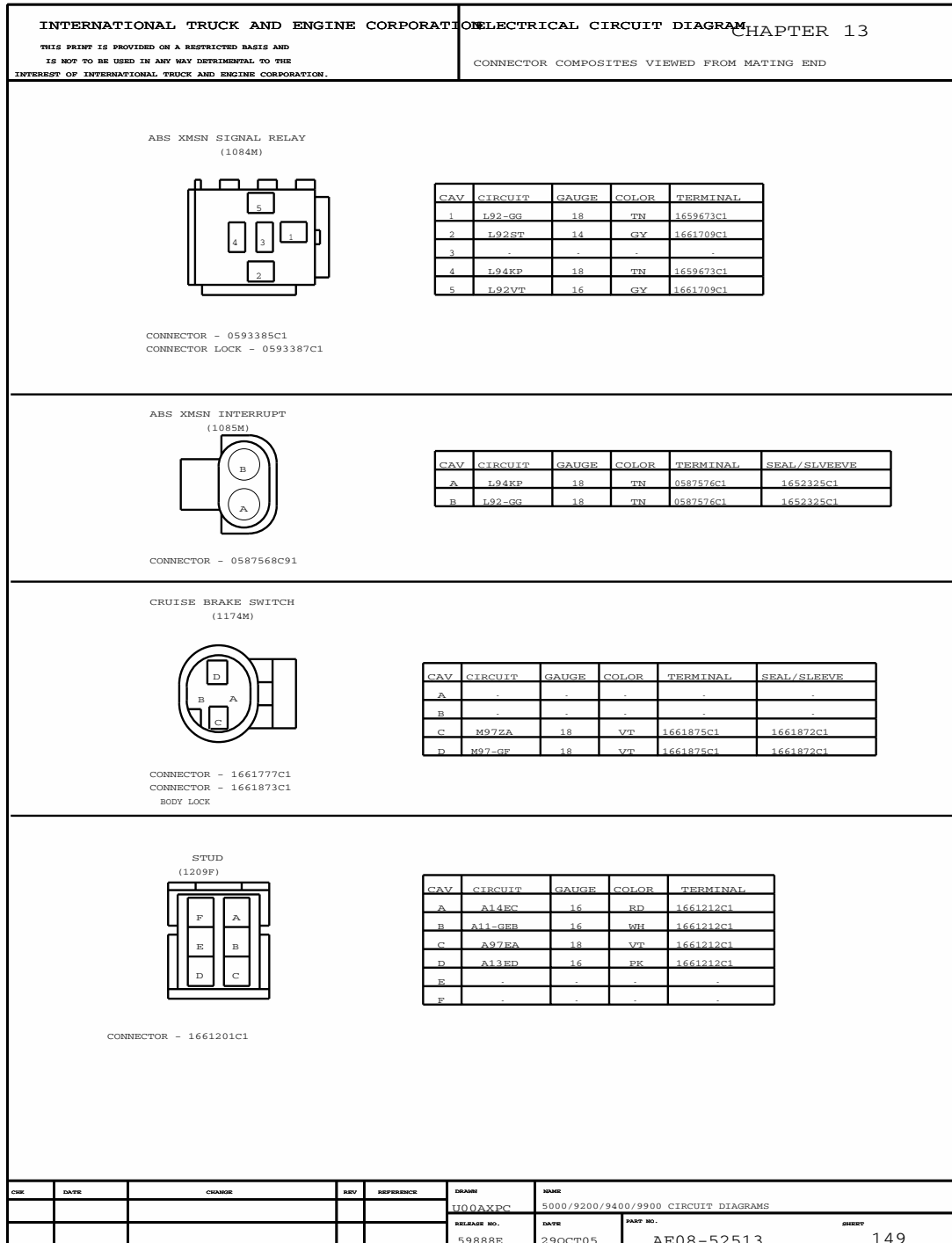


Figure 401 Connector Composites (1084M), (1085M), (1174M), (1209F)

13.157. CONNECTOR COMPOSITES (1212M), (1213F), P. 150

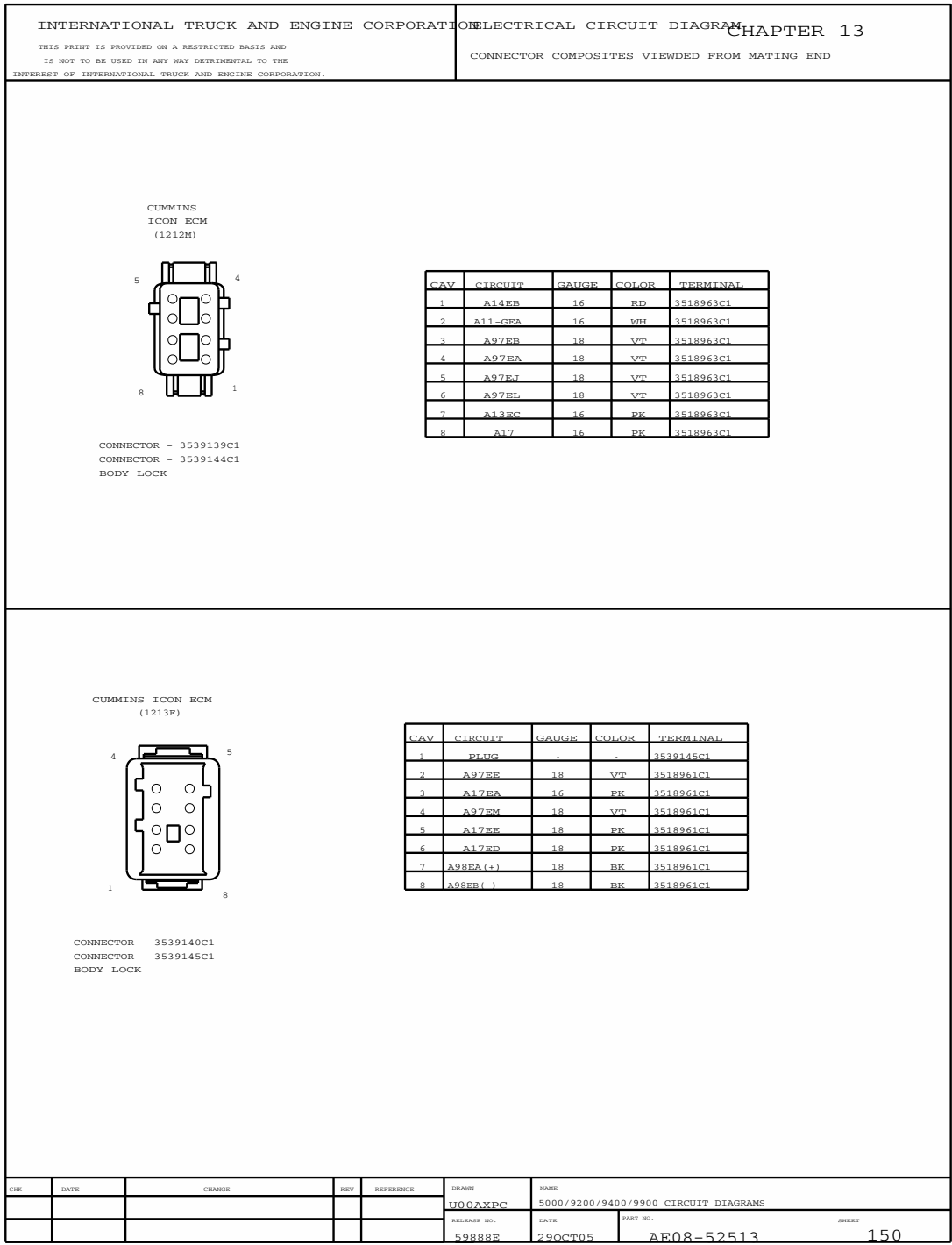


Figure 402 Connector Composites (1212M), (1213F)

13.158. CONNECTOR COMPOSITES (1215F), (1216F), (1217M), P. 151

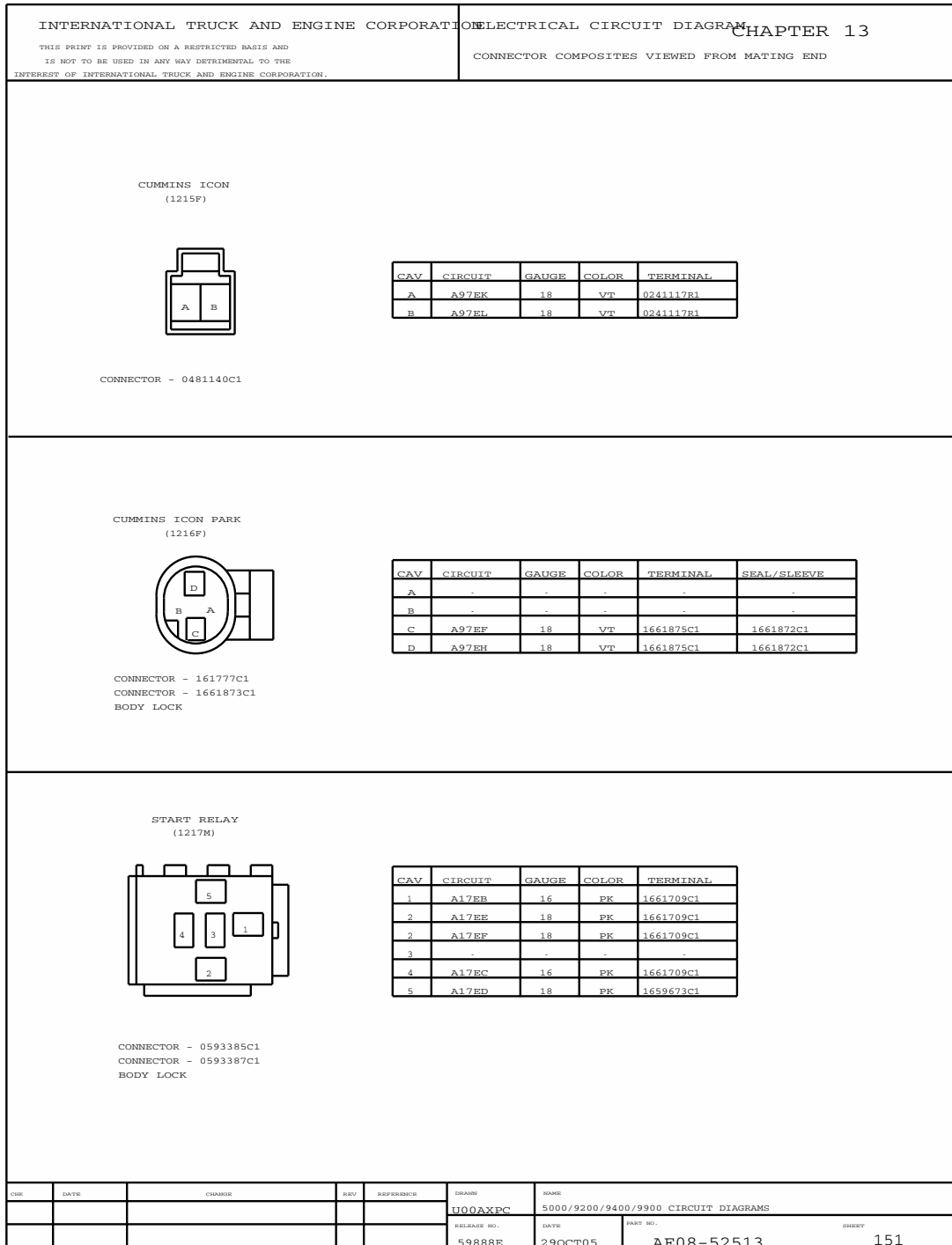


Figure 403 Connector Composites (1215F), (1216F), (1217M)

13.159. CONNECTOR COMPOSITES (1218M), (1225), (1232M), (1233), (1235M), (1239C), P. 152

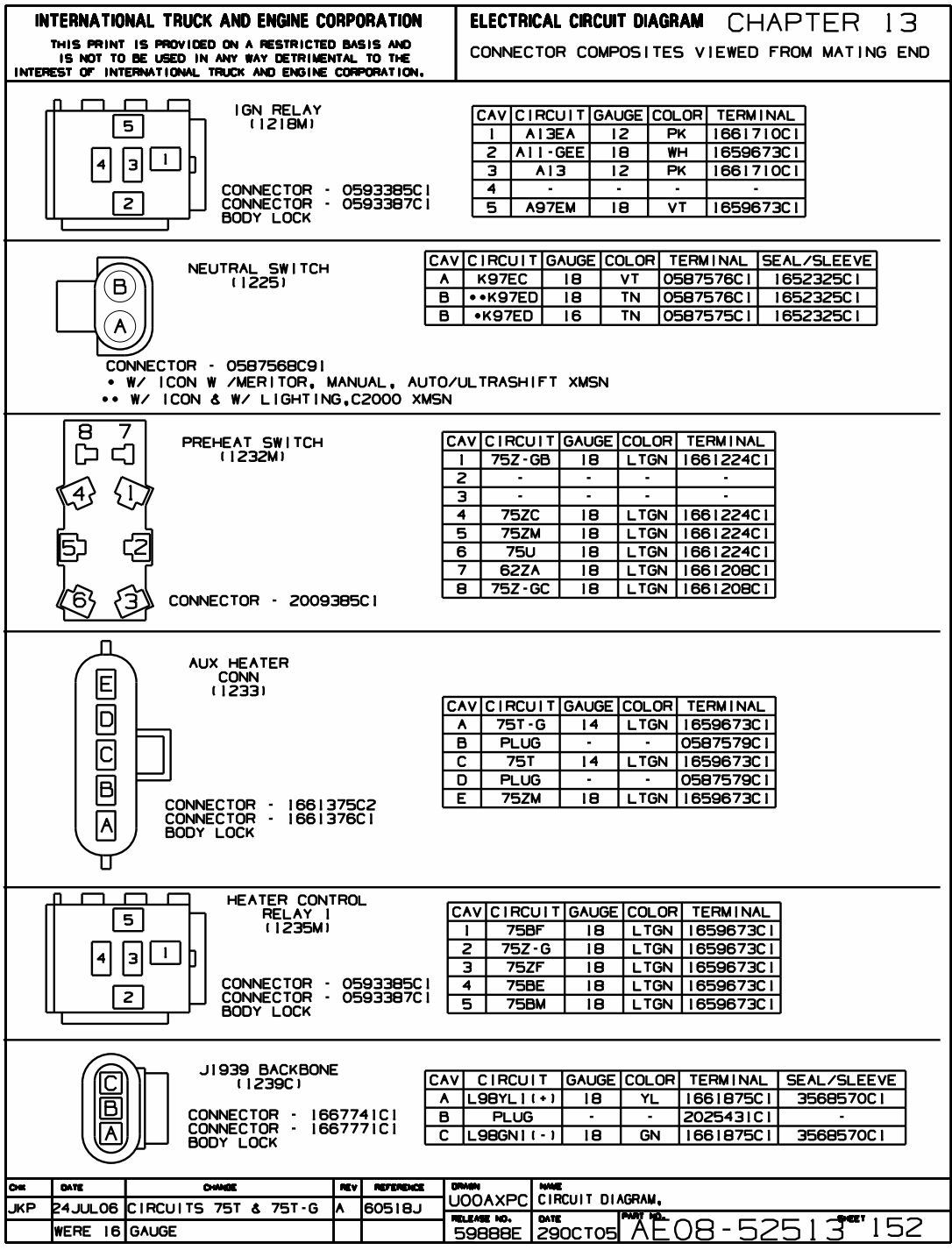


Figure 404 Connector Composites (1218M), (1225), (1232M), (1233), (1235M), (1239C)

13.160. CONNECTOR COMPOSITES (1251M), (1252M), (1255), (1256M), (1260F), (1260L), P. 153

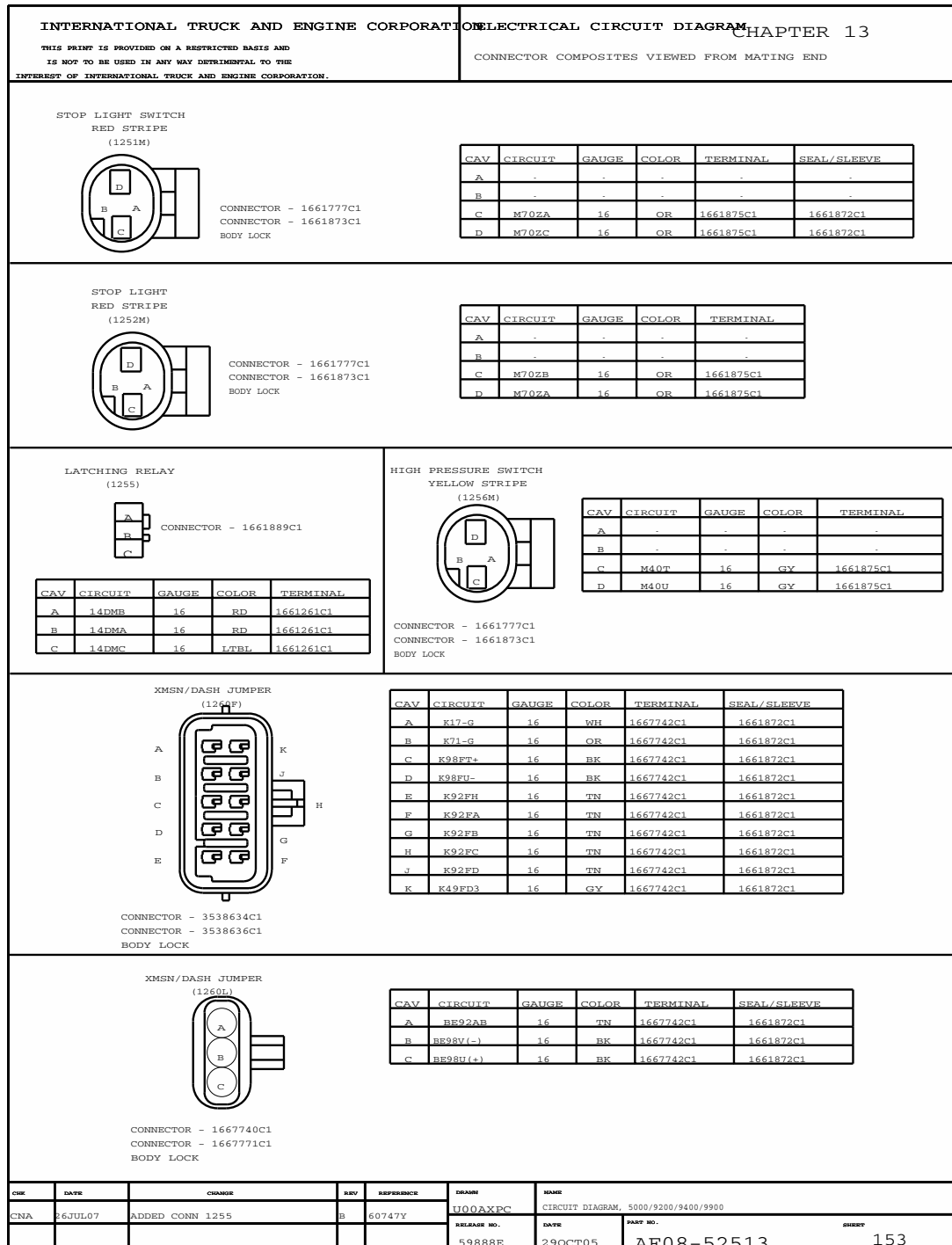


Figure 405 Connector Composites (1251M), (1252M), (1255), (1256M), (1260F), (1260L)

13.161. CONNECTOR COMPOSITES (1329M), (7104F), (7110A), (950F), (958F), P. 154

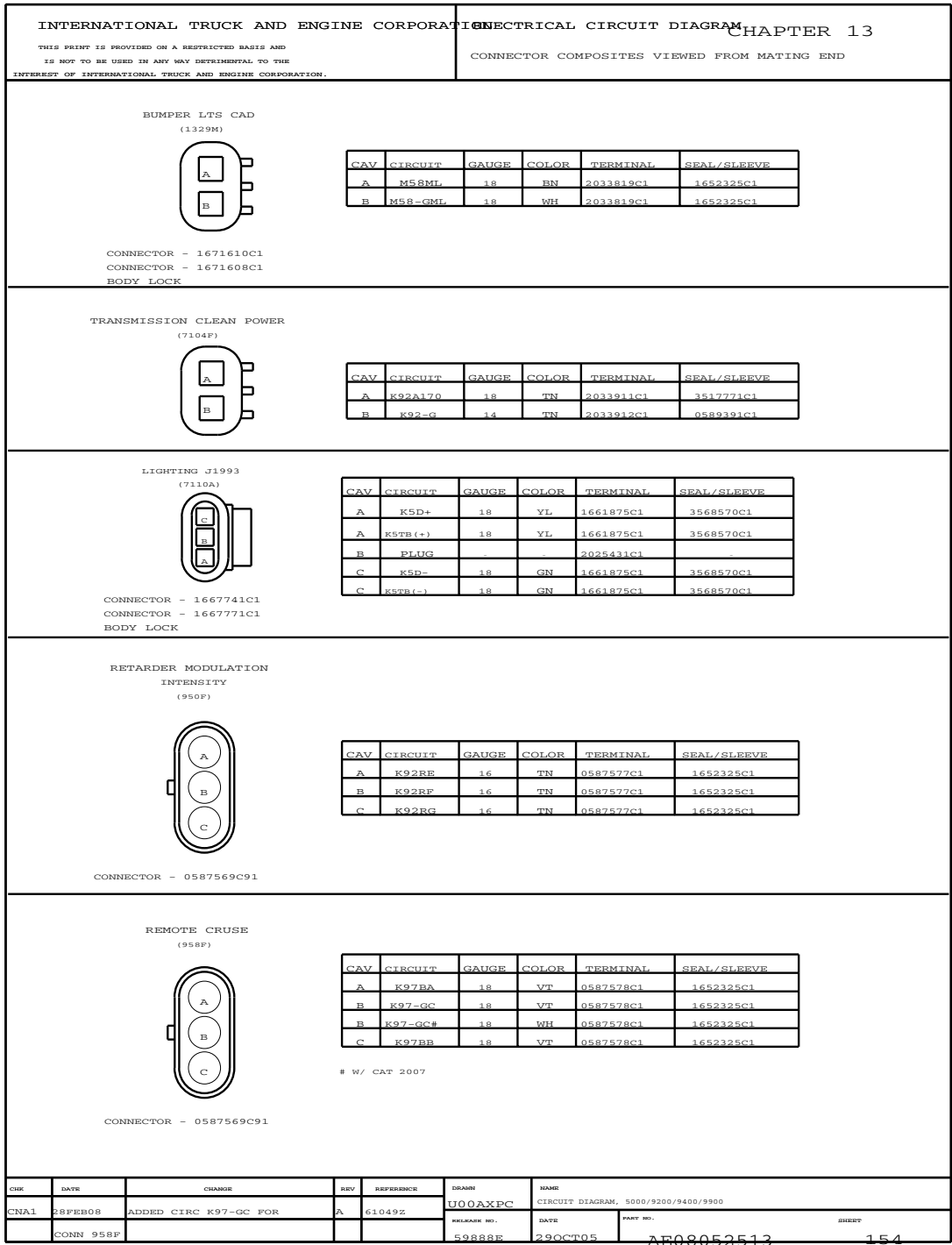


Figure 406 Connector Composites (1329M), (7104F), (7110A), (950F), (958F)

13.162. CONNECTOR COMPOSITES (1448M), P. 155

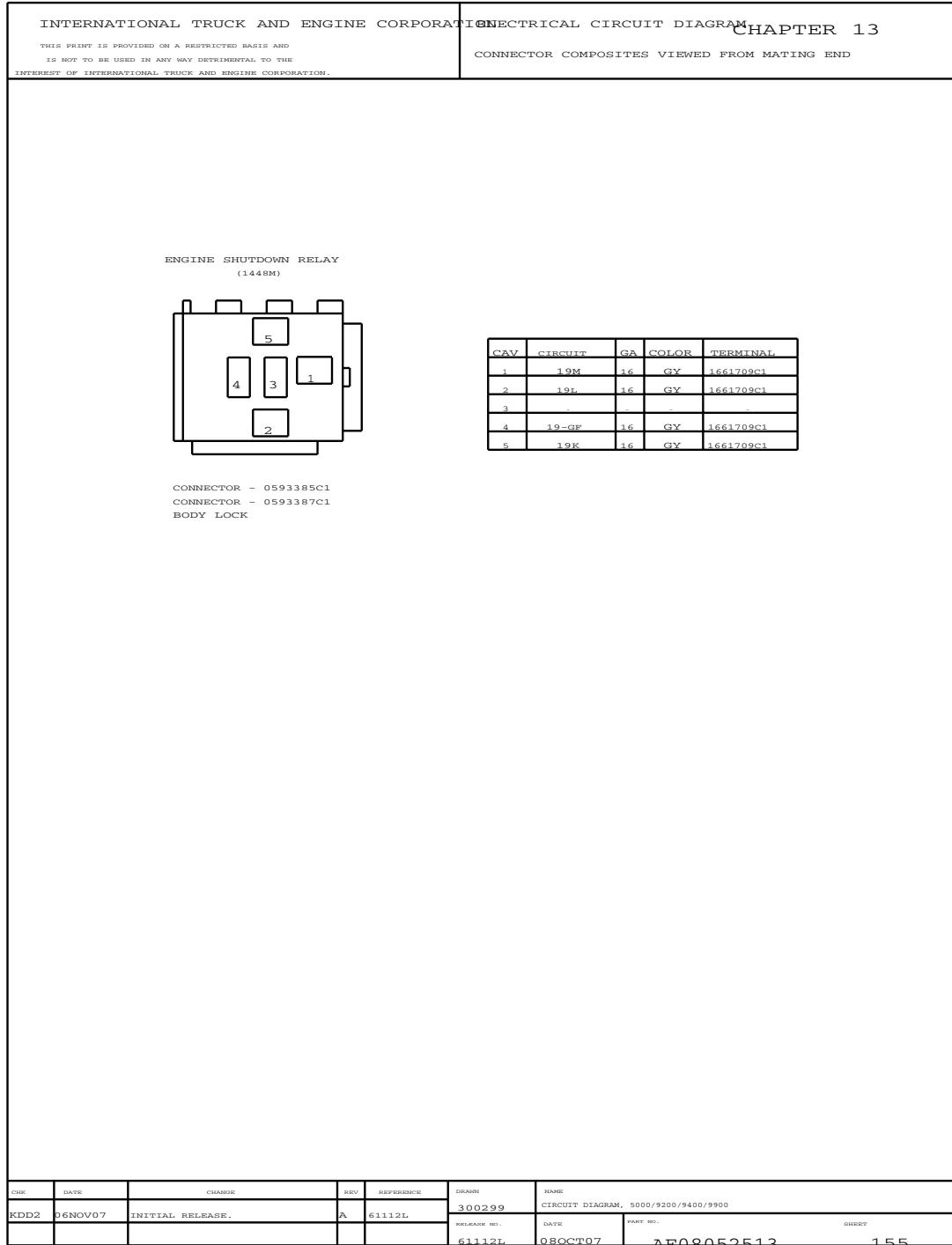


Figure 407 Connector Composites (1448M)

13.163. CONNECTOR COMPOSITES (1874C), (4328), (4705), (4706), P. 156

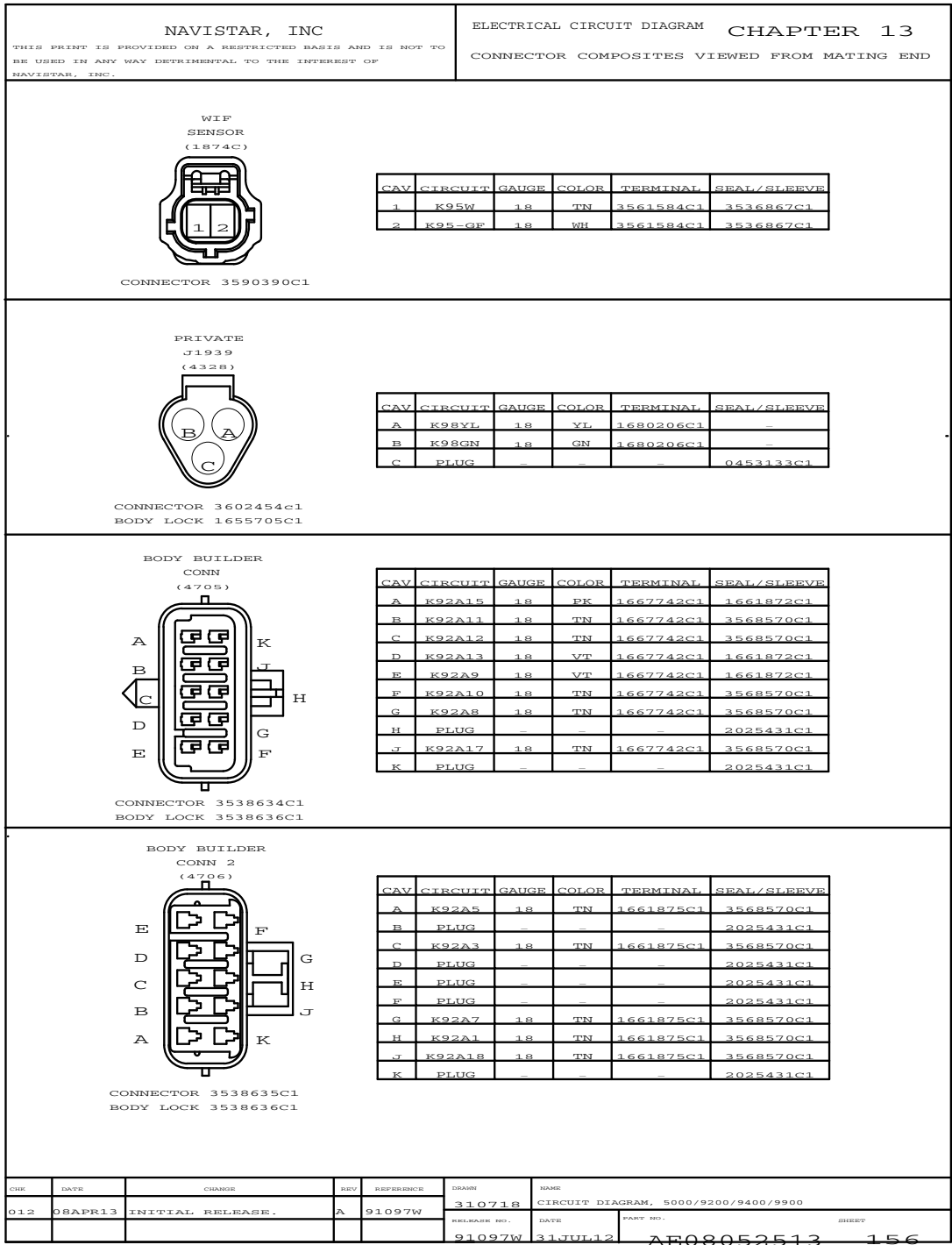


Figure 408 Connector Composites (1874C), (4328), (4705), (4706)

13.164. CONNECTOR COMPOSITES (6018), P. 157

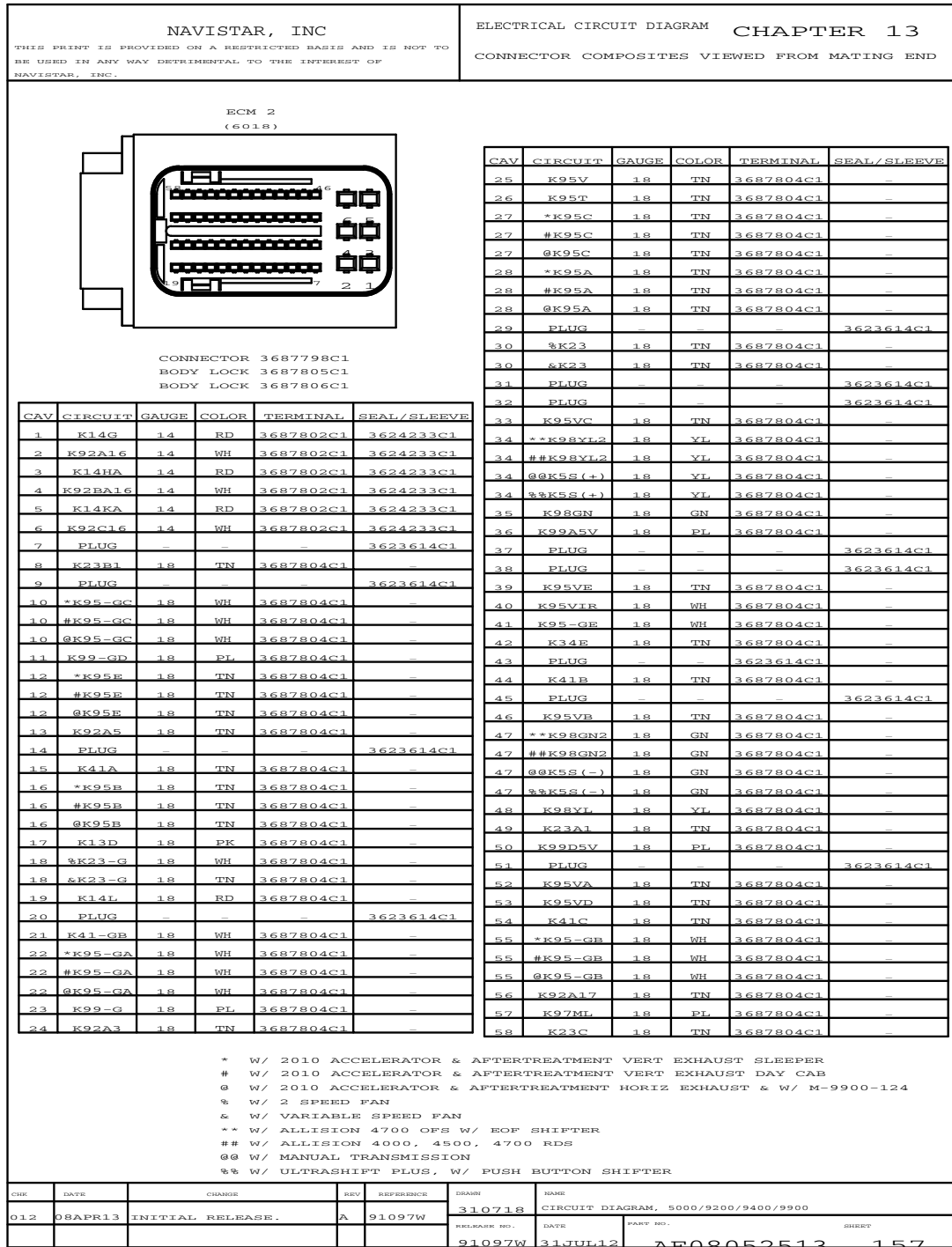


Figure 409 Connector Composites (6018)

13.165. CONNECTOR COMPOSITES (6019), P. 158

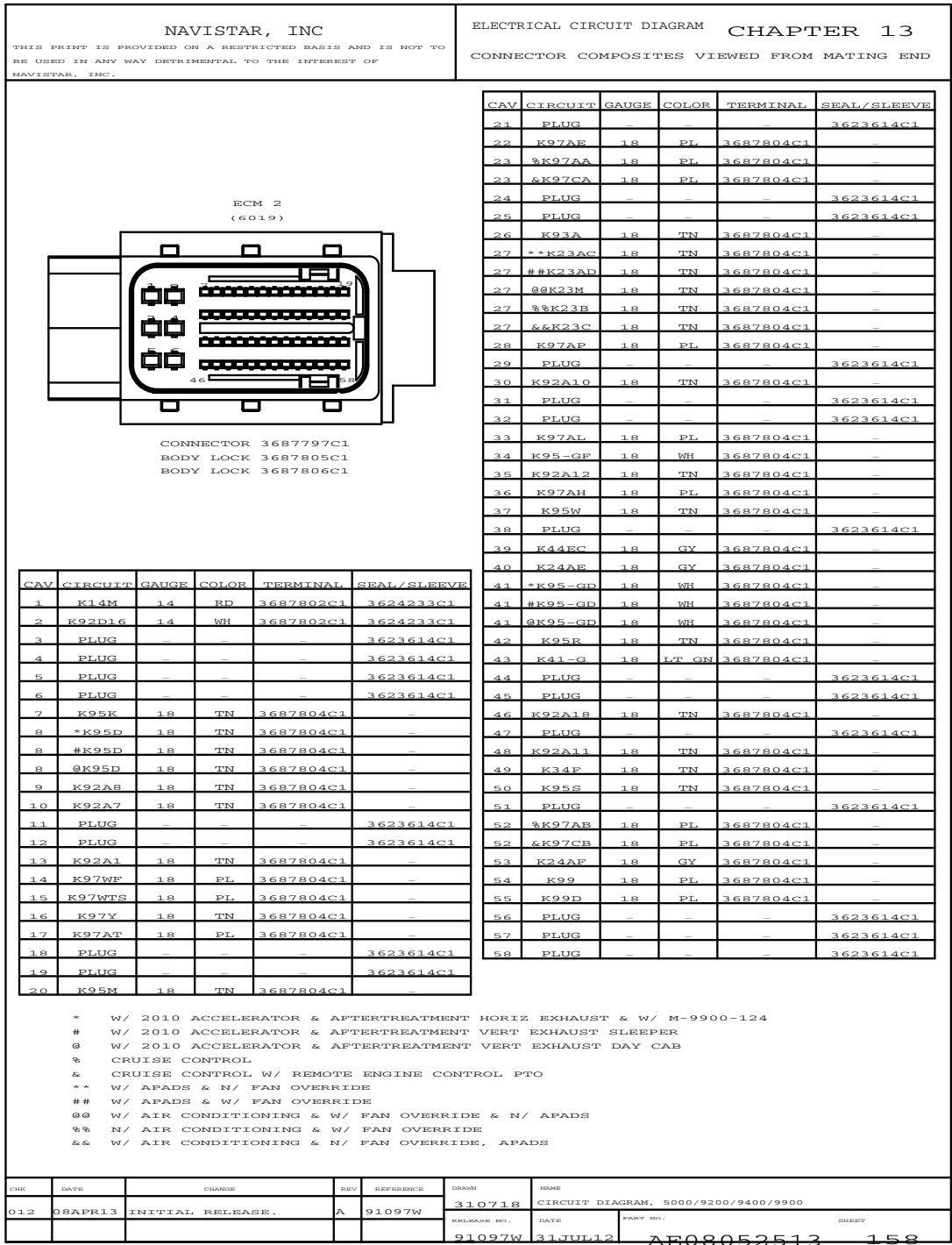


Figure 410 Connector Composites (6019)

13.166. CONNECTOR COMPOSITES (6033), (6200), (6260VH), P. 159

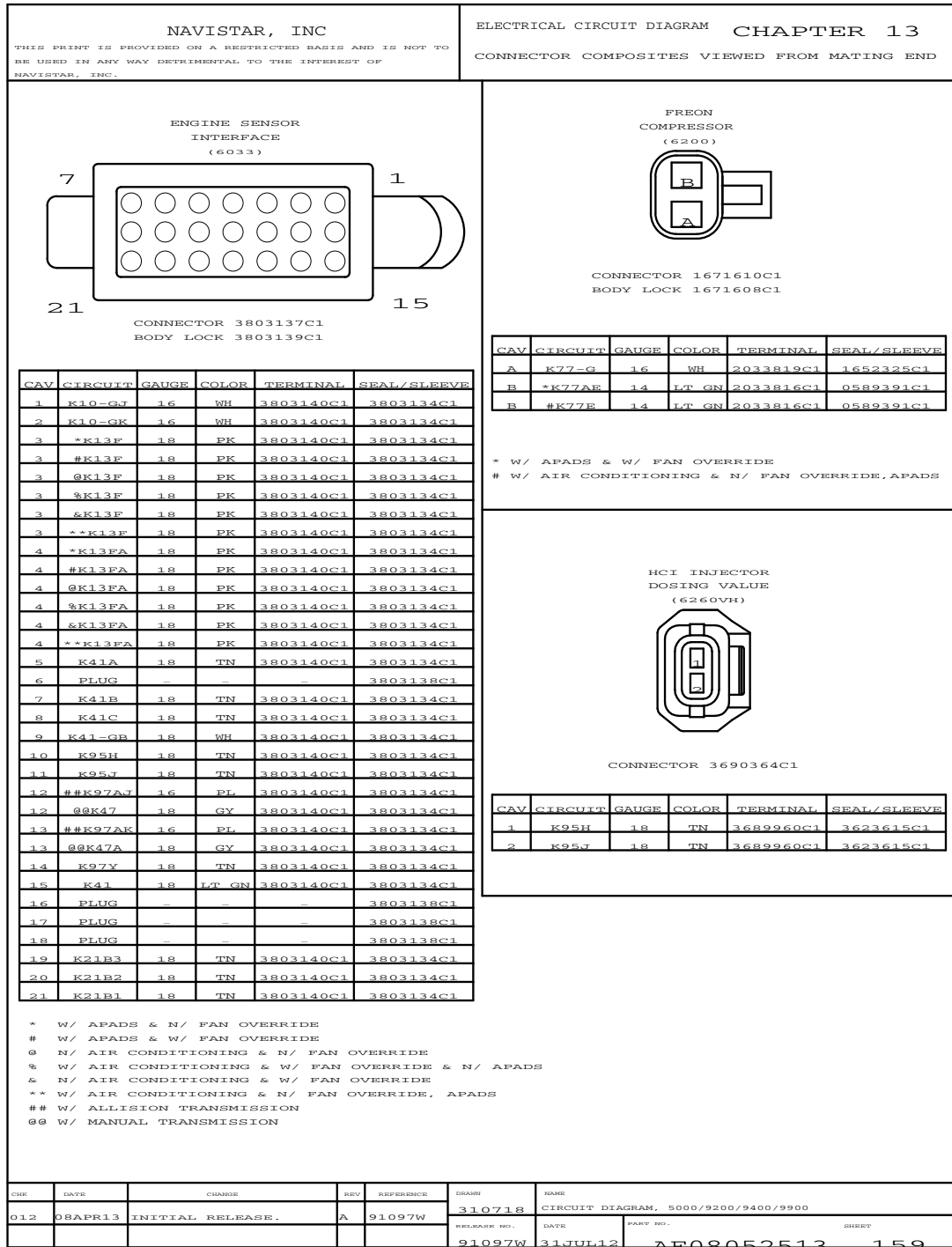


Figure 411 Connector Composites (6033), (6200), (6260VH)

13.167. CONNECTOR COMPOSITES (6260VL), (6260VM), (6260VN), (6300), (6565), P. 160


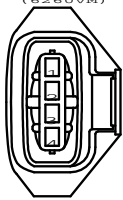

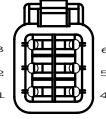

NAVISTAR, INC <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																													
HCI FUEL SHUTOFF VALVE (6260VL) 				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95K</td> <td>18</td> <td>TN</td> <td>3689960C1</td> <td>3623615C1</td> </tr> <tr> <td>2</td> <td>K95M</td> <td>18</td> <td>TN</td> <td>3689960C1</td> <td>3623615C1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K95K	18	TN	3689960C1	3623615C1	2	K95M	18	TN	3689960C1	3623615C1	CONNECTOR 3689957C1																									
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1	K95K	18	TN	3689960C1	3623615C1																																												
2	K95M	18	TN	3689960C1	3623615C1																																												
AFTERTREATMENT FUEL TEMP & PRESSURE (6260VM) 				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95-GE</td> <td>18</td> <td>WH</td> <td>3689959C1</td> <td>3623615C1</td> </tr> <tr> <td>2</td> <td>K95T</td> <td>18</td> <td>TN</td> <td>3689959C1</td> <td>3623615C1</td> </tr> <tr> <td>3</td> <td>*K95DC</td> <td>18</td> <td>TN</td> <td>3689959C1</td> <td>3623615C1</td> </tr> <tr> <td>3</td> <td>#K95DC</td> <td>18</td> <td>TN</td> <td>3689959C1</td> <td>3623615C1</td> </tr> <tr> <td>3</td> <td>@K95DC</td> <td>18</td> <td>TN</td> <td>3689959C1</td> <td>3623615C1</td> </tr> <tr> <td>4</td> <td>K95V</td> <td>18</td> <td>TN</td> <td>3689959C1</td> <td>3623615C1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K95-GE	18	WH	3689959C1	3623615C1	2	K95T	18	TN	3689959C1	3623615C1	3	*K95DC	18	TN	3689959C1	3623615C1	3	#K95DC	18	TN	3689959C1	3623615C1	3	@K95DC	18	TN	3689959C1	3623615C1	4	K95V	18	TN	3689959C1	3623615C1	CONNECTOR 3689956C1 <small>* W/ 2010 ACCELERATOR & AFTERTREATMENT HORIZ EXHAUST & W/ M-9900-124 # W/ 2010 ACCELERATOR & AFTERTREATMENT VERT EXHAUST SLEEPER @ W/ 2010 ACCELERATOR & AFTERTREATMENT VERT EXHAUST DAY CAB</small>	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																												
1	K95-GE	18	WH	3689959C1	3623615C1																																												
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3	*K95DC	18	TN	3689959C1	3623615C1																																												
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EXHAUST LAMBDA SENSOR (6260VN) 				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95VA</td> <td>18</td> <td>TN</td> <td>3693147C1</td> <td>3573653C1</td> </tr> <tr> <td>2</td> <td>K95VIR</td> <td>18</td> <td>WH</td> <td>3693147C1</td> <td>3573653C1</td> </tr> <tr> <td>3</td> <td>K95VB</td> <td>18</td> <td>TN</td> <td>3693147C1</td> <td>3573653C1</td> </tr> <tr> <td>4</td> <td>K95VC</td> <td>18</td> <td>TN</td> <td>3693147C1</td> <td>3573653C1</td> </tr> <tr> <td>5</td> <td>K95VD</td> <td>18</td> <td>TN</td> <td>3693147C1</td> <td>3573653C1</td> </tr> <tr> <td>6</td> <td>K95VE</td> <td>18</td> <td>TN</td> <td>3693147C1</td> <td>3573653C1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K95VA	18	TN	3693147C1	3573653C1	2	K95VIR	18	WH	3693147C1	3573653C1	3	K95VB	18	TN	3693147C1	3573653C1	4	K95VC	18	TN	3693147C1	3573653C1	5	K95VD	18	TN	3693147C1	3573653C1	6	K95VE	18	TN	3693147C1	3573653C1	CONNECTOR 3691136C1	
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2	K95VIR	18	WH	3693147C1	3573653C1																																												
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6	K95VE	18	TN	3693147C1	3573653C1																																												
VARIABLE SPEED FAN (6300) 				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K23-G</td> <td>18</td> <td>TN</td> <td>3555249C1</td> <td>-</td> </tr> <tr> <td>2</td> <td>K23A1</td> <td>18</td> <td>TN</td> <td>3555249C1</td> <td>-</td> </tr> <tr> <td>3</td> <td>K23</td> <td>18</td> <td>TN</td> <td>3555249C1</td> <td>-</td> </tr> <tr> <td>4</td> <td>K23B1</td> <td>18</td> <td>TN</td> <td>3555249C1</td> <td>-</td> </tr> <tr> <td>5</td> <td>K23C</td> <td>18</td> <td>TN</td> <td>3555249C1</td> <td>-</td> </tr> <tr> <td>6</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>3527276C1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K23-G	18	TN	3555249C1	-	2	K23A1	18	TN	3555249C1	-	3	K23	18	TN	3555249C1	-	4	K23B1	18	TN	3555249C1	-	5	K23C	18	TN	3555249C1	-	6	PLUG	-	-	-	3527276C1	CONNECTOR 3579124C1 BODY LOCK 3579126C1	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																												
1	K23-G	18	TN	3555249C1	-																																												
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3	K23	18	TN	3555249C1	-																																												
4	K23B1	18	TN	3555249C1	-																																												
5	K23C	18	TN	3555249C1	-																																												
6	PLUG	-	-	-	3527276C1																																												
FLAME START (6565) 				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K14L3</td> <td>4</td> <td>RD</td> <td>3517758C1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K14L3	4	RD	3517758C1	CONNECTOR 3517759C1																																	
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Figure 412 Connector Composites (6260VL), (6260VM), (6260VN), (6300), (6565)

13.168. CONNECTOR COMPOSITES (6704D), (6720), (6720A), (6720B), P. 161

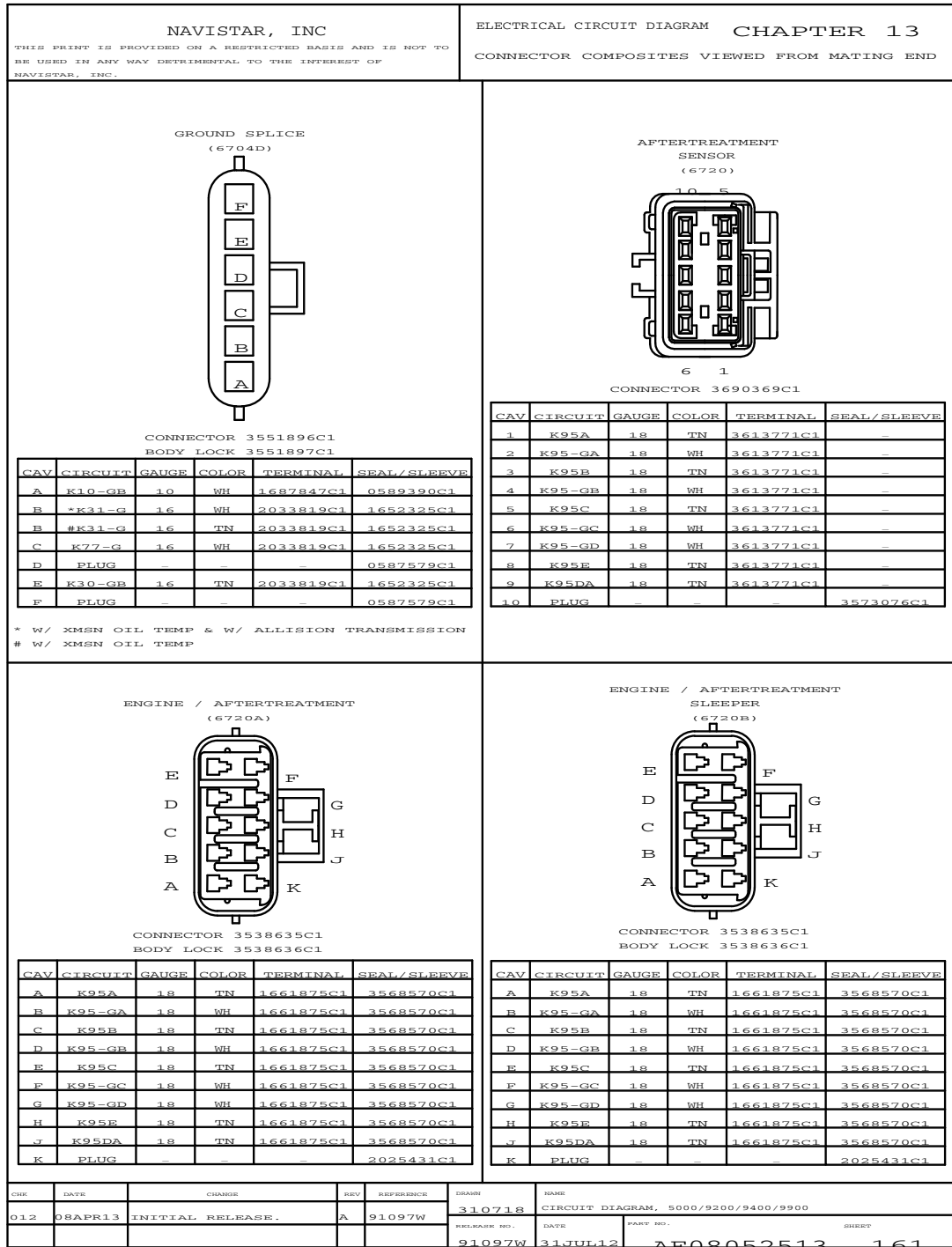


Figure 413 Connector Composites (6704D), (6720), (6720A), (6720B)

13.169. CONNECTOR COMPOSITES (6730), (7105), (7110), P. 162

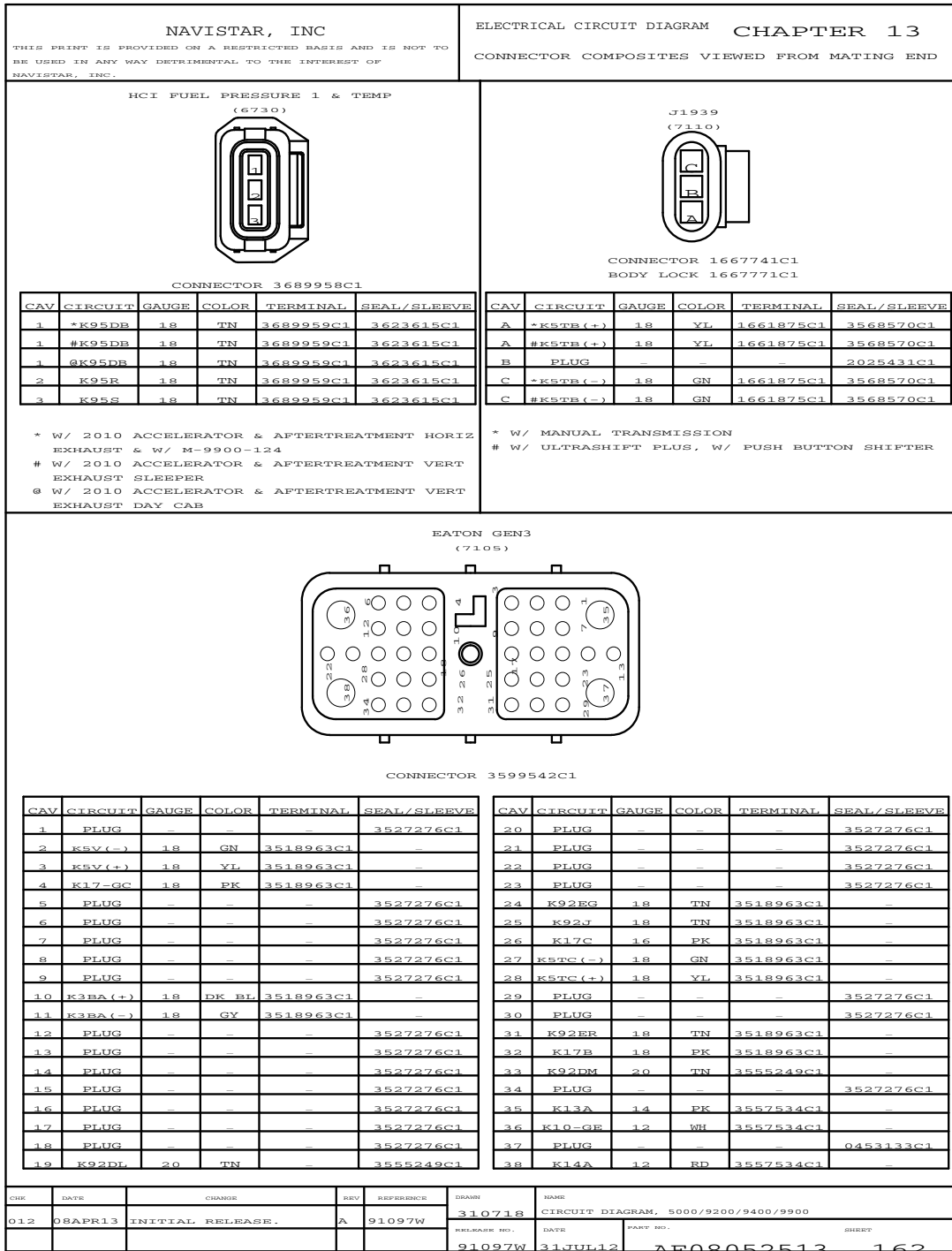


Figure 414 Connector Composites (6730), (7105), (7110)

13.170. CONNECTOR COMPOSITES (7250), (7500W), (7501), (7600), (7603), (7608), (7615), P. 163

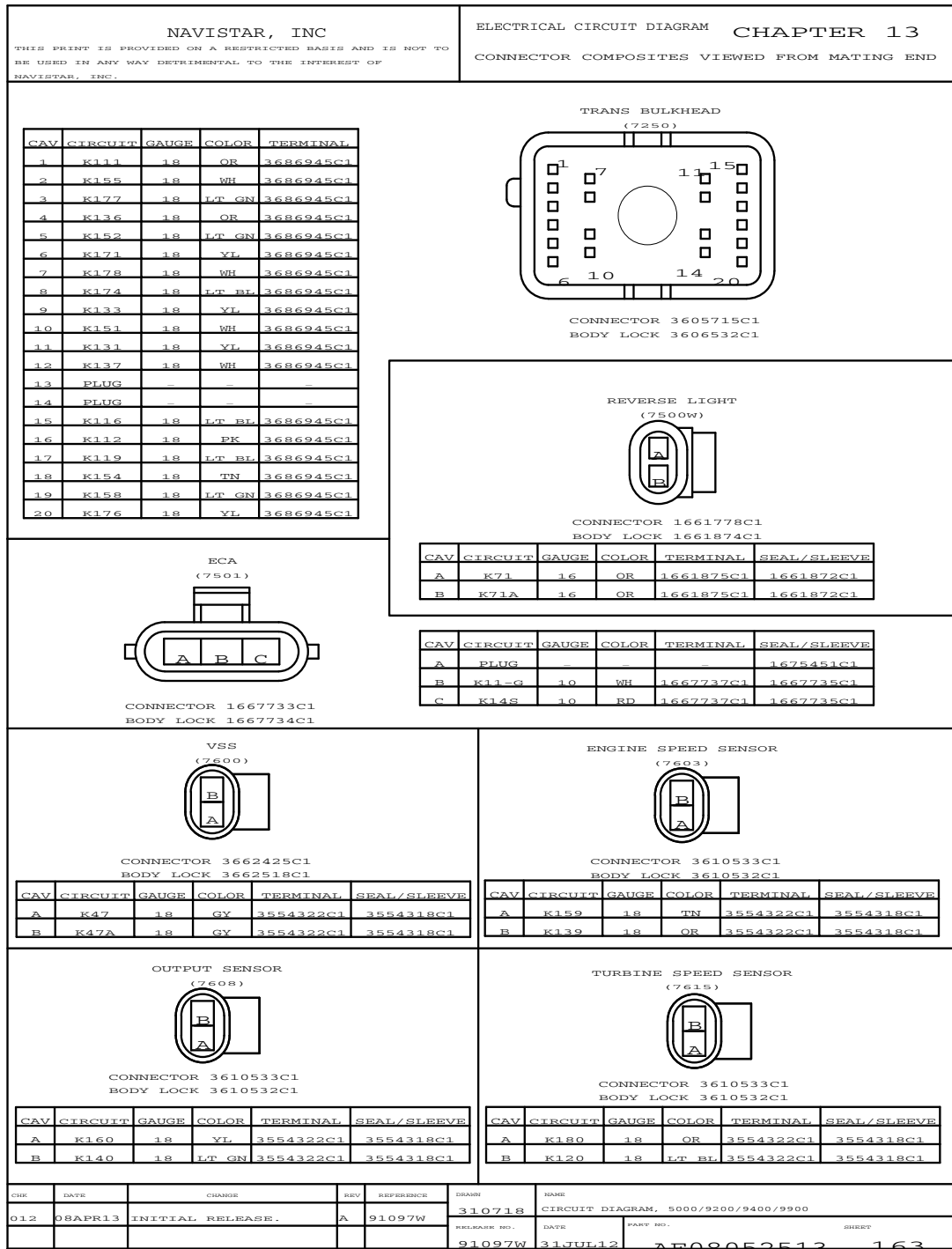


Figure 415 Connector Composites (7250), (7500W), (7501), (7600), (7603), (7608), (7615)

13.171. CONNECTOR COMPOSITES (8104), (8107), (8303), (8410), (8500), P. 164

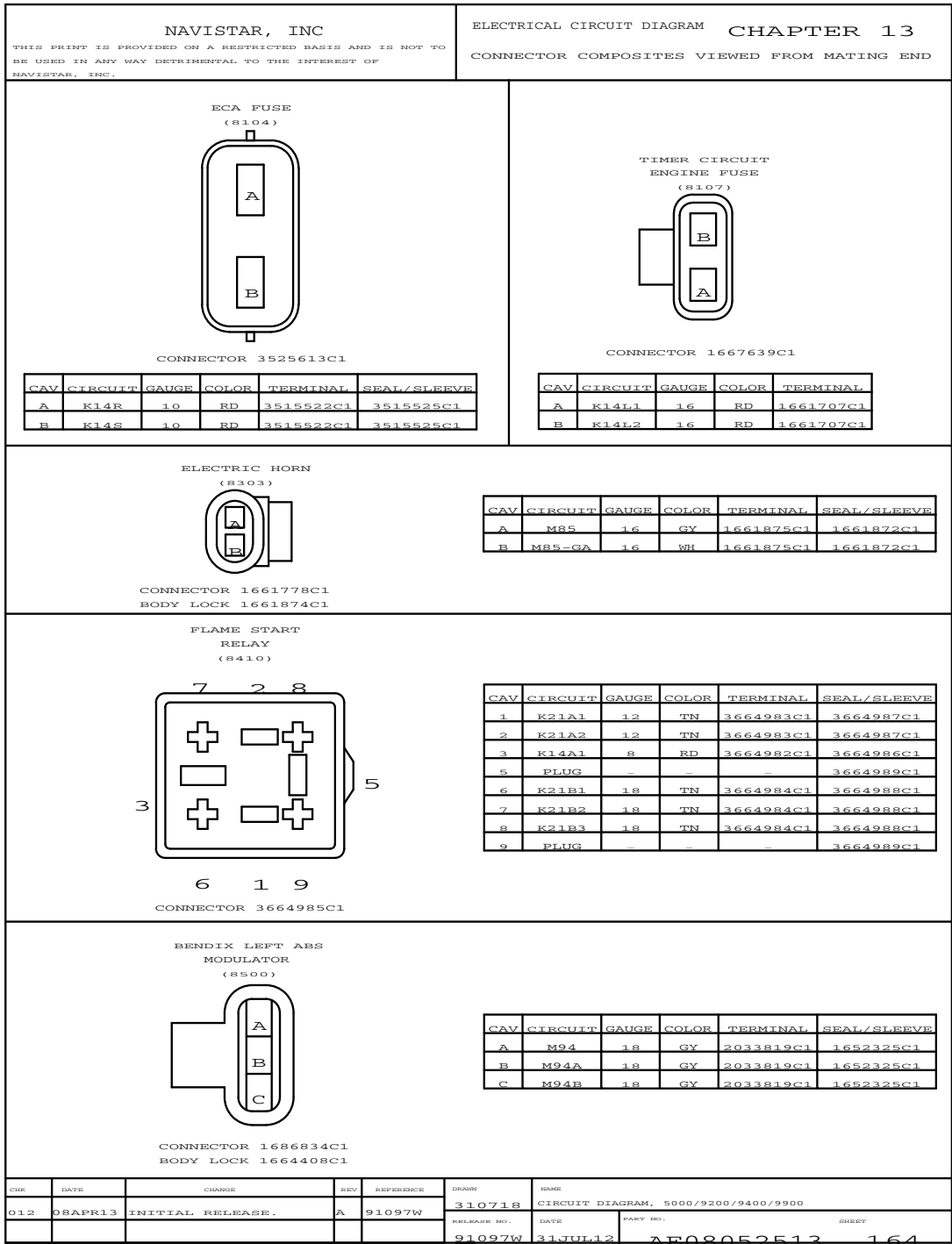


Figure 416 Connector Composites (8104), (8107), (8303), (8410), (8500)

13.172. CONNECTOR COMPOSITES (8501), (8502), (8503), (8504), (8505), (8507), P. 165

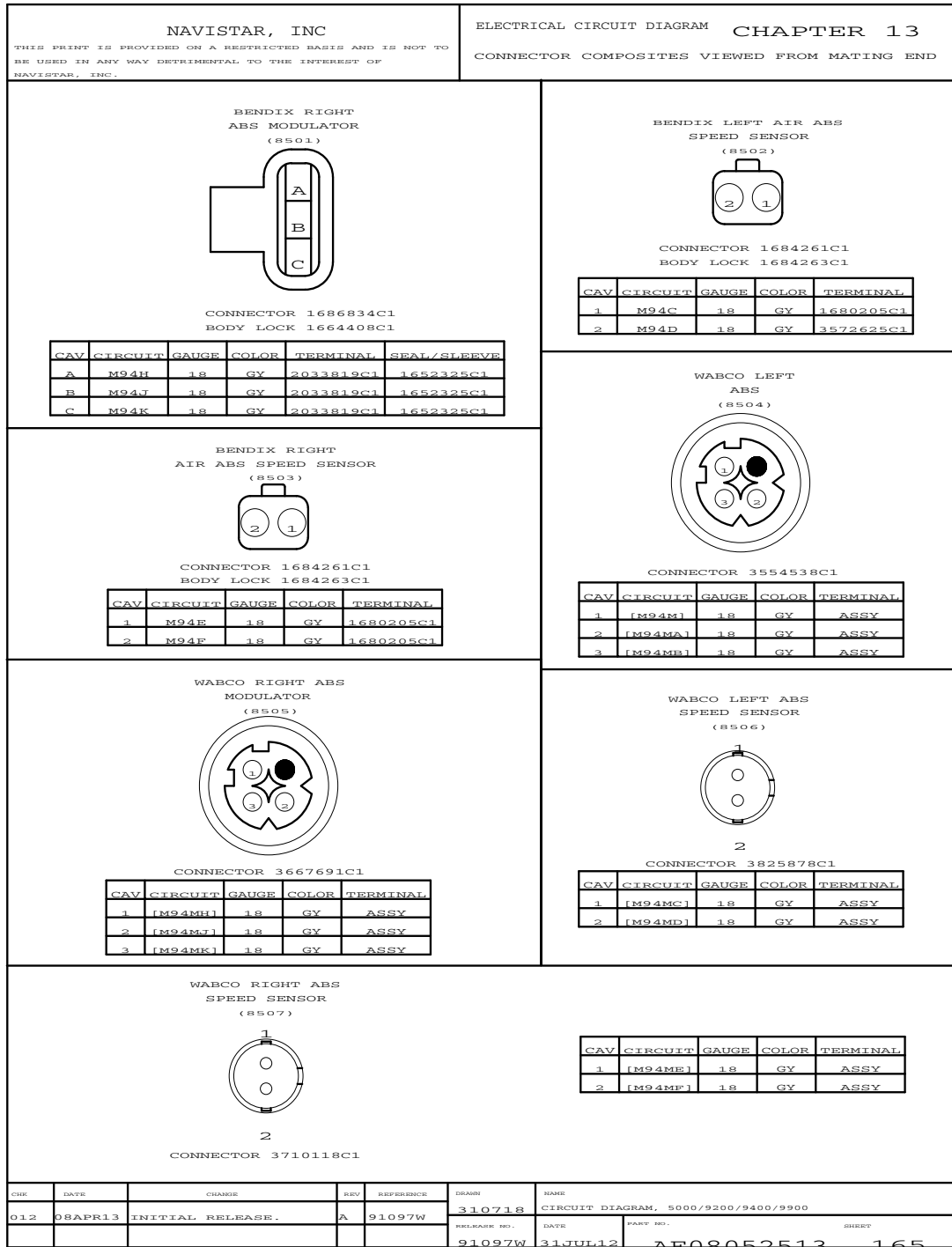


Figure 417 Connector Composites (8501), (8502), (8503), (8504), (8505), (8507)

13.173. CONNECTOR COMPOSITES (8803), (8953F), (8951), P. 166

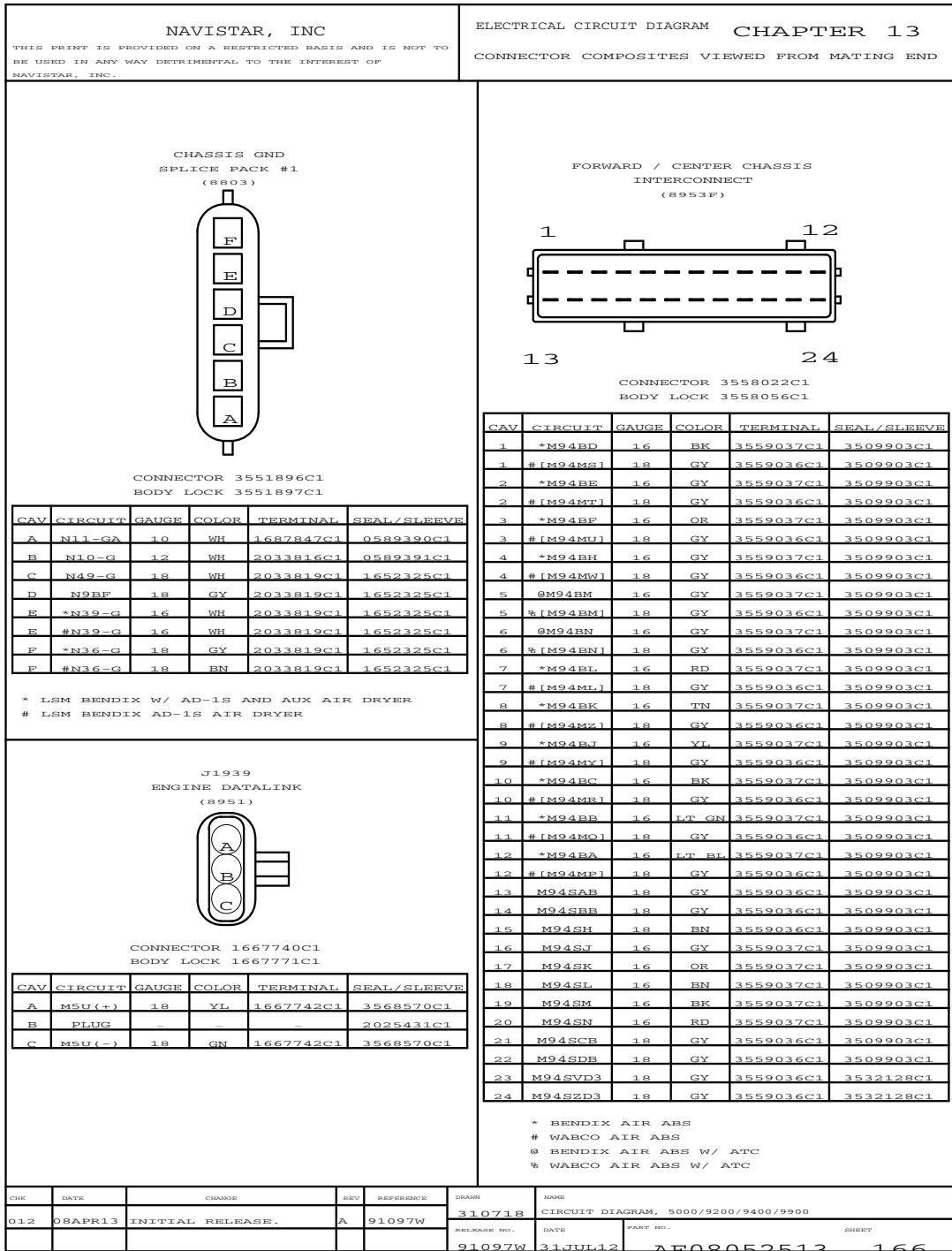


Figure 418 Connector Composites (8803), (8953F), (8951)

13.174. CONNECTOR COMPOSITES (8953F2), (8953M), P. 167

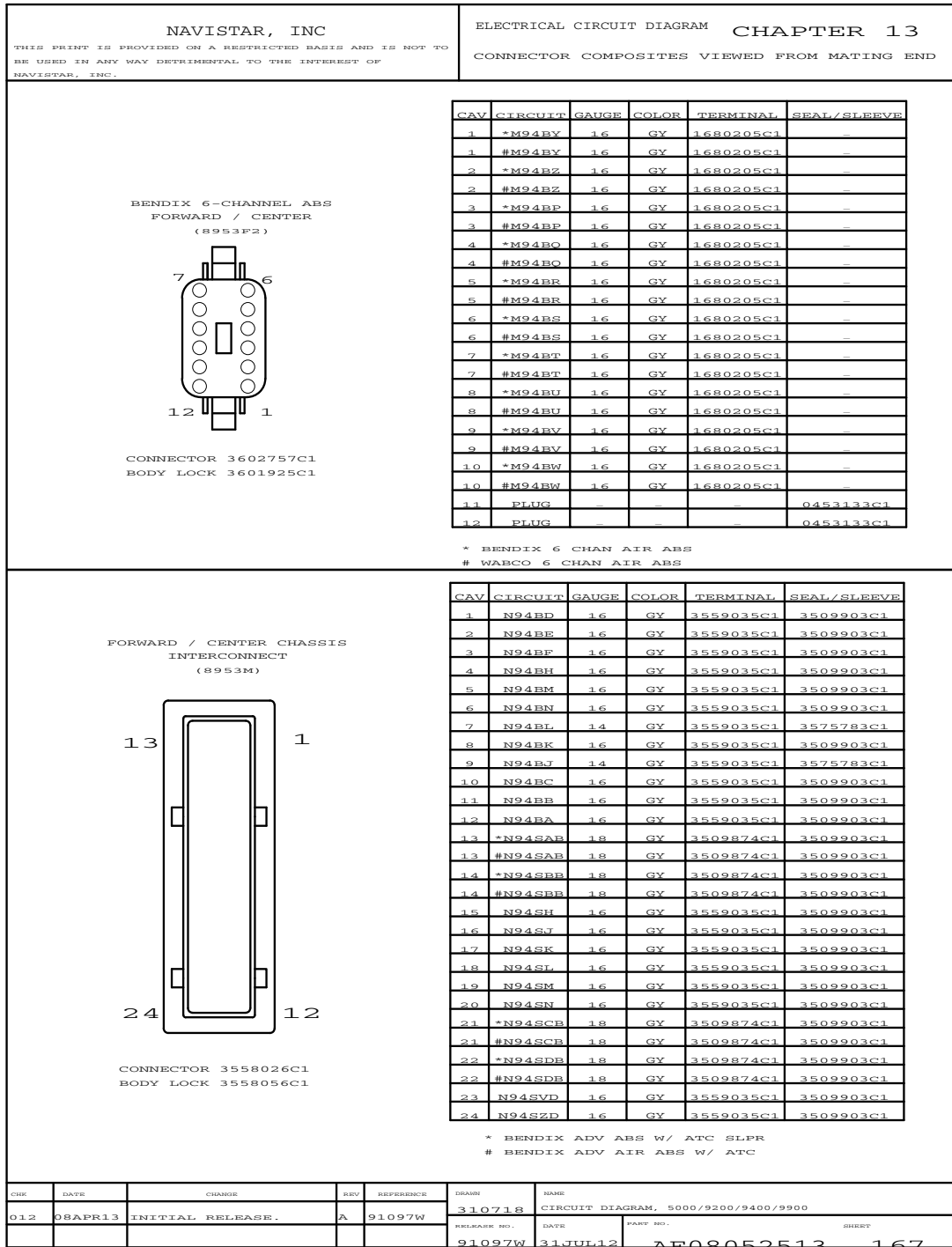


Figure 419 Connector Composites (8953F2), (8953M)

13.175. CONNECTOR COMPOSITES (8953M1), (8953M2), (8957F1), (9100D), (9100E), P. 168

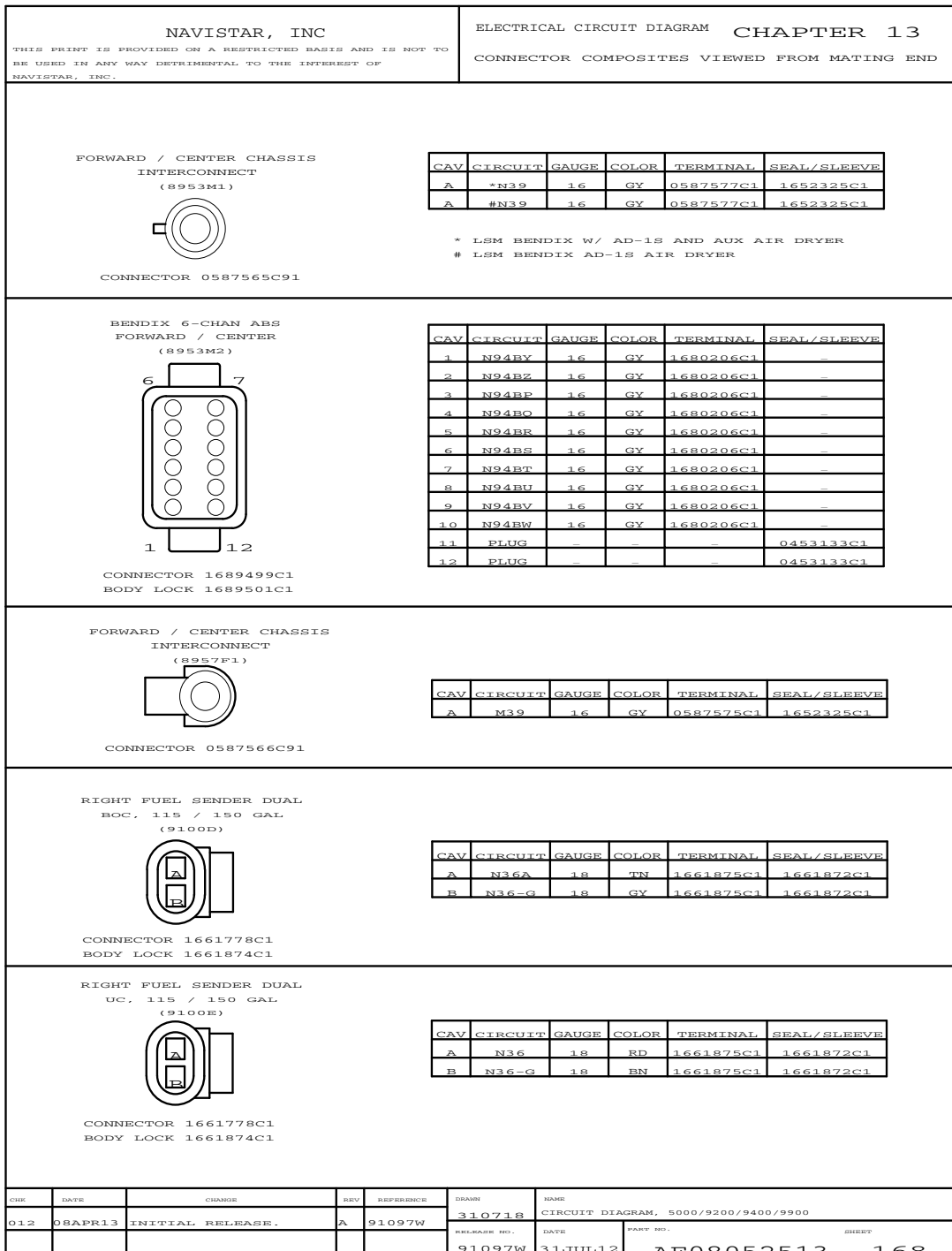


Figure 420 Connector Composites (8953M1), (8953M2), (8957F1), (9100D), (9100E)

13.176. CONNECTOR COMPOSITES (9303A), (9303H), (9501D), P. 169

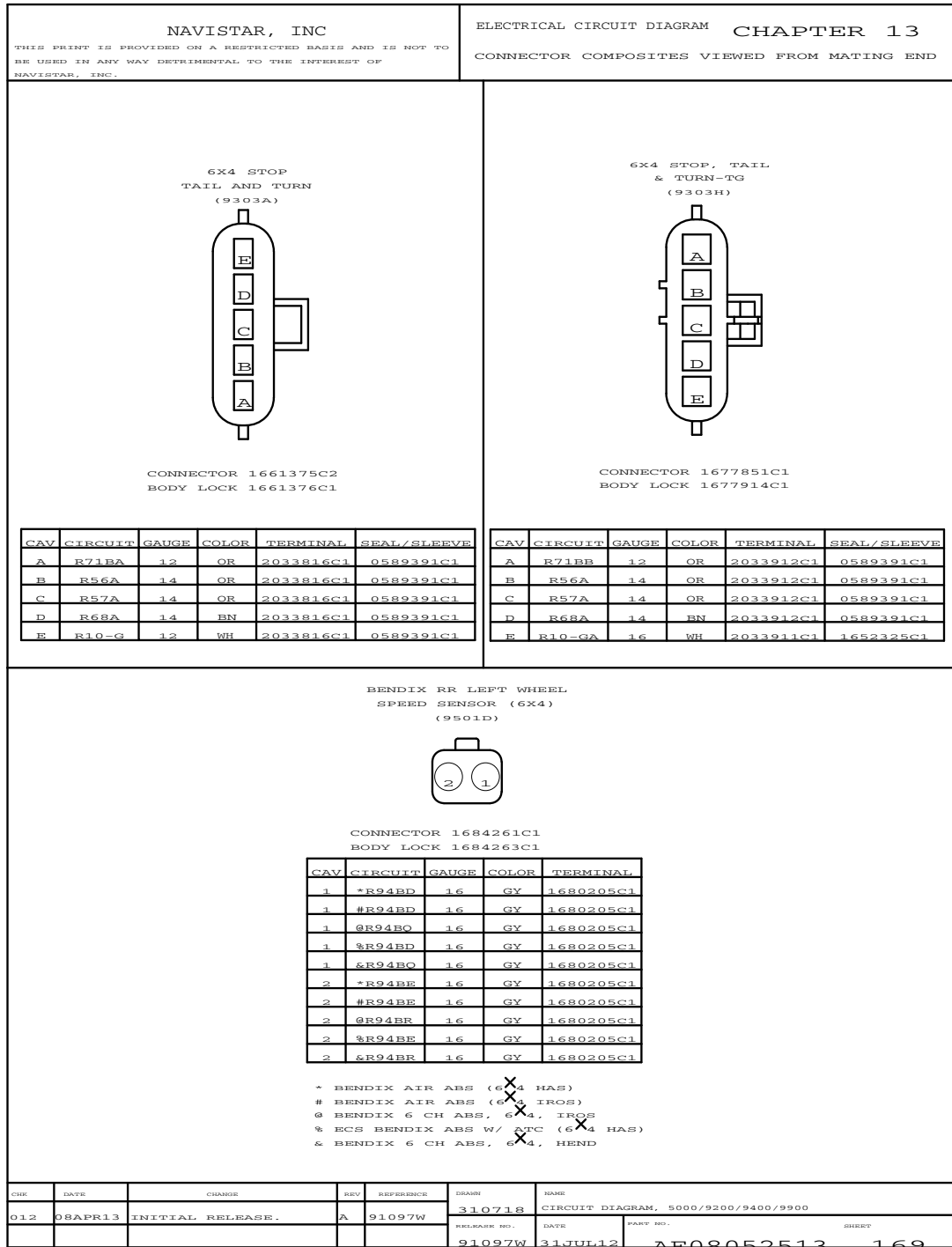


Figure 421 Connector Composites (9303A), (9303H), (9501D)

13.177. CONNECTOR COMPOSITES (9501F), (9502A), (9502B), (9503D), P. 170


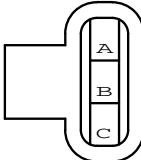
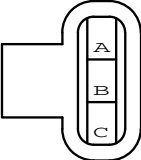

NAVISTAR, INC <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																																																	
ABS-6 PRESSURE SENSOR (9501F) 				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N94SZD</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>N94SVD</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>N94SH</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N94SZD	16	GY	1661875C1	1661872C1	B	N94SVD	16	GY	1661875C1	1661872C1	C	N94SH	16	GY	1661875C1	1661872C1	CONNECTOR 1667741C1 BODY LOCK 1667771C1																																																							
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BENDIX LEFT MODULATOR (6X4 HAS) (9502A) 				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>*R94BA</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>A</td> <td>#R94BA</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>*R94BB</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>#R94BB</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>*R94BC</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>#R94BC</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	*R94BA	16	GY	2033819C1	1652325C1	A	#R94BA	16	GY	2033819C1	1652325C1	B	*R94BB	16	GY	2033819C1	1652325C1	B	#R94BB	16	GY	2033819C1	1652325C1	C	*R94BC	16	GY	2033819C1	1652325C1	C	#R94BC	16	GY	2033819C1	1652325C1	CONNECTOR 1686834C1 BODY LOCK 1664408C1 * BENDIX AIR ABS (6X4 HAS) # BENDIX 6CH ABS, 6X4, HEND																																					
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BENDIX LEFT REAR MODULATOR (6X4 IROS) (9502B) 				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>*R94BA</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>A</td> <td>#R94BA</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>A</td> <td>@R94BY</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>A</td> <td>%R94BY</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>*R94BB</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>#R94BB</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>@R94BZ</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>%R94BZ</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>*R94BC</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>#R94BC</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>@R94BP</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>%R94BP</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	*R94BA	16	GY	2033819C1	1652325C1	A	#R94BA	16	GY	2033819C1	1652325C1	A	@R94BY	16	GY	2033819C1	1652325C1	A	%R94BY	16	GY	2033819C1	1652325C1	B	*R94BB	16	GY	2033819C1	1652325C1	B	#R94BB	16	GY	2033819C1	1652325C1	B	@R94BZ	16	GY	2033819C1	1652325C1	B	%R94BZ	16	GY	2033819C1	1652325C1	C	*R94BC	16	GY	2033819C1	1652325C1	C	#R94BC	16	GY	2033819C1	1652325C1	C	@R94BP	16	GY	2033819C1	1652325C1	C	%R94BP	16	GY	2033819C1	1652325C1	CONNECTOR 1686834C1 BODY LOCK 1664408C1 * BENDIX AIR ABS (6X4 IROS) # BENDIX ADV AIR ABS W/ 6X4 IROS-TAG @ BENDIX 6 CH ABS, 6X4, IROS % BENDIX 6 CH ABS, 6X4, HEND	
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BENDIX RR REAR RIGHT WHEEL SPEED SENSOR (6X4) (9503D) 				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>*R94BF</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>1</td> <td>#R94BF</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>1</td> <td>@R94BV</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>1</td> <td>%R94BF</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>1</td> <td>&R94BV</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>*R94BH</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>#R94BH</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>@R94BW</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>%R94BH</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>&R94BW</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	*R94BF	16	GY	1680205C1	1	#R94BF	16	GY	1680205C1	1	@R94BV	16	GY	1680205C1	1	%R94BF	16	GY	1680205C1	1	&R94BV	16	GY	1680205C1	2	*R94BH	16	GY	1680205C1	2	#R94BH	16	GY	1680205C1	2	@R94BW	16	GY	1680205C1	2	%R94BH	16	GY	1680205C1	2	&R94BW	16	GY	1680205C1	CONNECTOR 1684261C1 BODY LOCK 1684263C1 * BENDIX AIR ABS (6X4 HAS) # BENDIX AIR ABS (6X4 IROS) @ BENDIX 6 CH ABS, 6X4, IROS % ECS BENDIX ABS W/ ATC (6X4 HAS) & BENDIX 6 CH ABS, 6X4, HEND																								
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																	
1	*R94BF	16	GY	1680205C1																																																																																	
1	#R94BF	16	GY	1680205C1																																																																																	
1	@R94BV	16	GY	1680205C1																																																																																	
1	%R94BF	16	GY	1680205C1																																																																																	
1	&R94BV	16	GY	1680205C1																																																																																	
2	*R94BH	16	GY	1680205C1																																																																																	
2	#R94BH	16	GY	1680205C1																																																																																	
2	@R94BW	16	GY	1680205C1																																																																																	
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Figure 422 Connector Composites (9501F), (9502A), (9502B), (9503D)

13.178. CONNECTOR COMPOSITES (9504A), (9504B), (9505A), (9506D), 9506E), P. 171

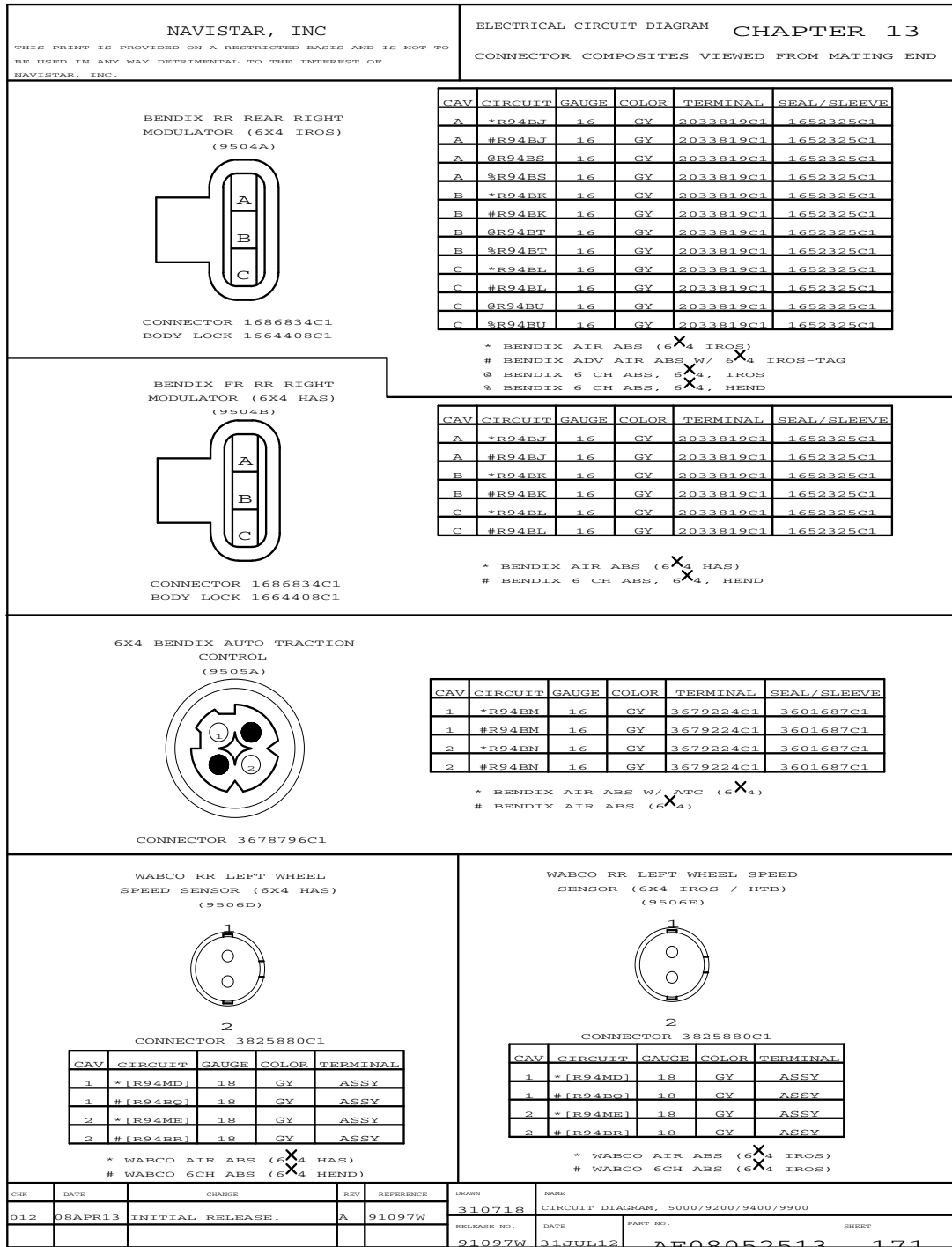


Figure 423 Connector Composites (9504A), (9504B), (9505A), (9506D), 9506E)

13.179. CONNECTOR COMPOSITES (9507A), (9507B), (9508D), (9508E), (9509A), (9509B), P. 172


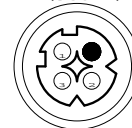
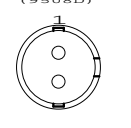
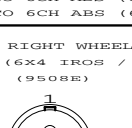

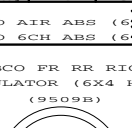
NAVISTAR, INC <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END					
WABCO LEFT MODULATOR (6X4 HAS) (9507A) 				WABCO LEFT REAR MODULATOR (6X4 IROS / HTB) (9507B) 					
CONNECTOR 3554538C1				CONNECTOR 3710132C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	*[R94MA]	18	GY	ASSY	1	*[R94MA]	18	GY	ASSY
1	#[R94MA]	18	GY	ASSY	1	#[R94BY]	18	GY	ASSY
2	*[R94MB]	18	GY	ASSY	1	@[R94BY]	18	GY	ASSY
2	#[R94MB]	18	GY	ASSY	2	*[R94MB]	18	GY	ASSY
3	*[R94MC]	18	GY	ASSY	2	#[R94BZ]	18	GY	ASSY
3	#[R94MC]	18	GY	ASSY	2	@[R94BZ]	18	GY	ASSY
				* WABCO AIR ABS (6X4 HAS) X					
				# WABCO 6CH ABS (6X4 HEND) X					
WABCO RR REAR RIGHT WHEEL SPEED SENSOR (6X4 HAS) (9508D) 				WABCO RR RIGHT WHEEL SPEED SENSOR (6X4 IROS / HTB) (9508E) 					
CONNECTOR 3710114C1				CONNECTOR 3710114C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	*[R94MF]	18	GY	ASSY	1	*[R94MF]	18	GY	ASSY
1	#[R94BV]	18	GY	ASSY	1	#[R94BV]	18	GY	ASSY
2	*[R94MH]	18	GY	ASSY	2	*[R94MH]	18	GY	ASSY
2	#[R94BW]	18	GY	ASSY	2	#[R94BW]	18	GY	ASSY
				* WABCO AIR ABS (6X4 HAS) X					
				# WABCO 6CH ABS (6X4 HEND) X					
WABCO RR REAR RIGHT MODULATOR (6X4 IROS / HTB) (9509A) 				WABCO FR RR RIGHT MODULATOR (6X4 HAS) (9509B) 					
CONNECTOR 3710134C1				CONNECTOR 3710135C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	*[R94MJ]	18	GY	ASSY	1	*[R94MJ]	18	GY	ASSY
1	#[R94BS]	18	GY	ASSY	1	#[R94MJ]	18	GY	ASSY
1	@[R94BS]	18	GY	ASSY	2	*[R94MK]	18	GY	ASSY
2	*[R94MK]	18	GY	ASSY	2	#[R94BT]	18	GY	ASSY
2	#[R94BT]	18	GY	ASSY	2	@[R94BT]	18	GY	ASSY
3	*[R94ML]	18	GY	ASSY	3	*[R94ML]	18	GY	ASSY
3	#[R94BU]	18	GY	ASSY	3	*[R94ML]	18	GY	ASSY
3	@[R94BU]	18	GY	ASSY	3	#[R94ML]	18	GY	ASSY
				* WABCO AIR ABS (6X4 IROS) X					
				# WABCO 6CH ABS (6X4 IROS) X					
				# WABCO 6CH ABS (6X4 HEND) X					
CHG	DATE	CHANGE	REV	REFERENCE	DRWN	NAME			
012	08APR13	INITIAL RELEASE.	A	91097W	310718	CIRCUIT DIAGRAM, 5000/9200/9400/9900			
					RELEASE NO.	DATE	PART NO.	SHEET	
					91097W	31JUL12	AE08052513	172	

Figure 424 Connector Composites (9507A), (9507B), (9508D), (9508E), (9509A), (9509B)

13.180. CONNECTOR COMPOSITES (9510A), (9510M), (9511), (9511A), P. 173

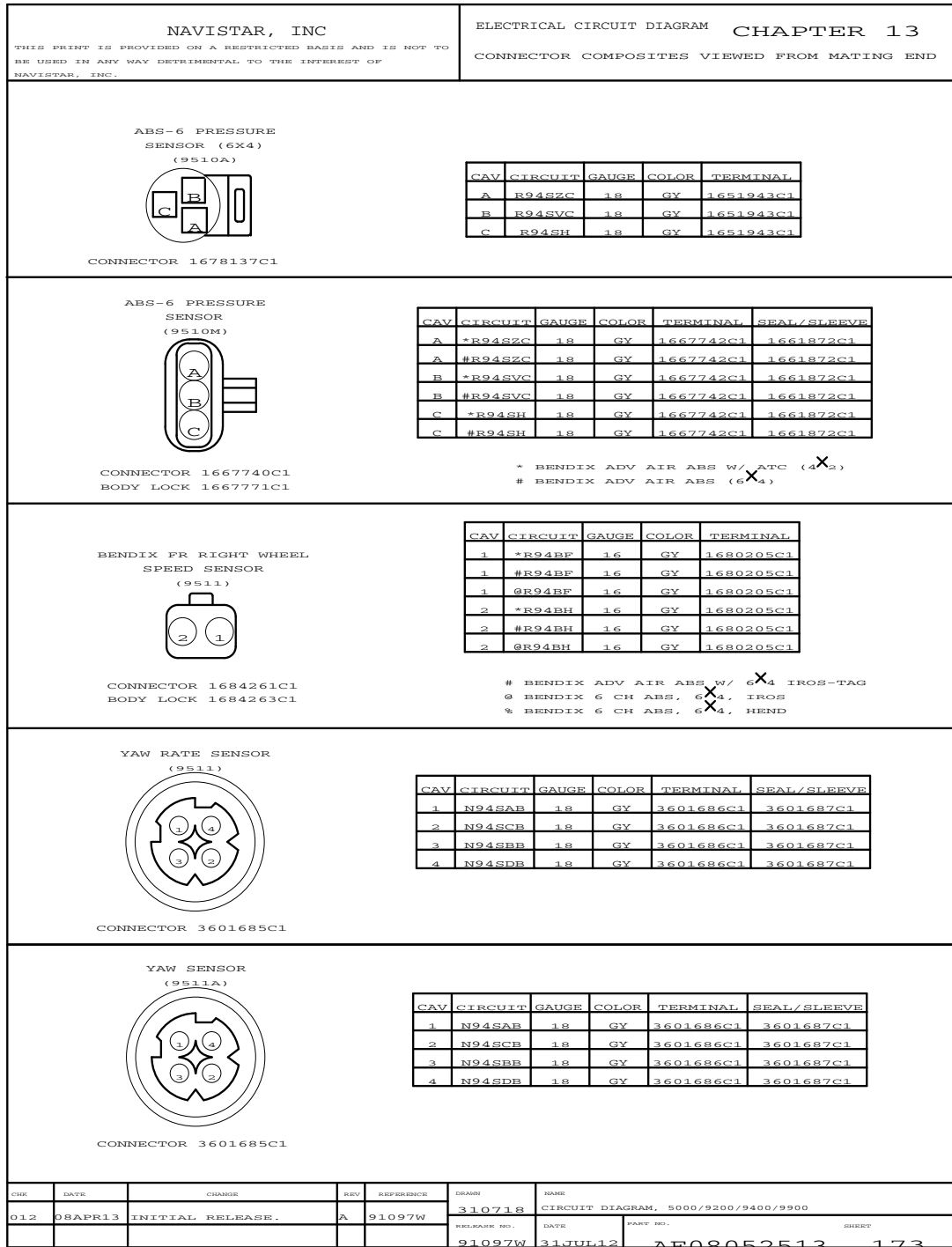


Figure 425 Connector Composites (9510A), (9510M), (9511), (9511A)

13.181. CONNECTOR COMPOSITES (9512), (9513), (9514), P. 174

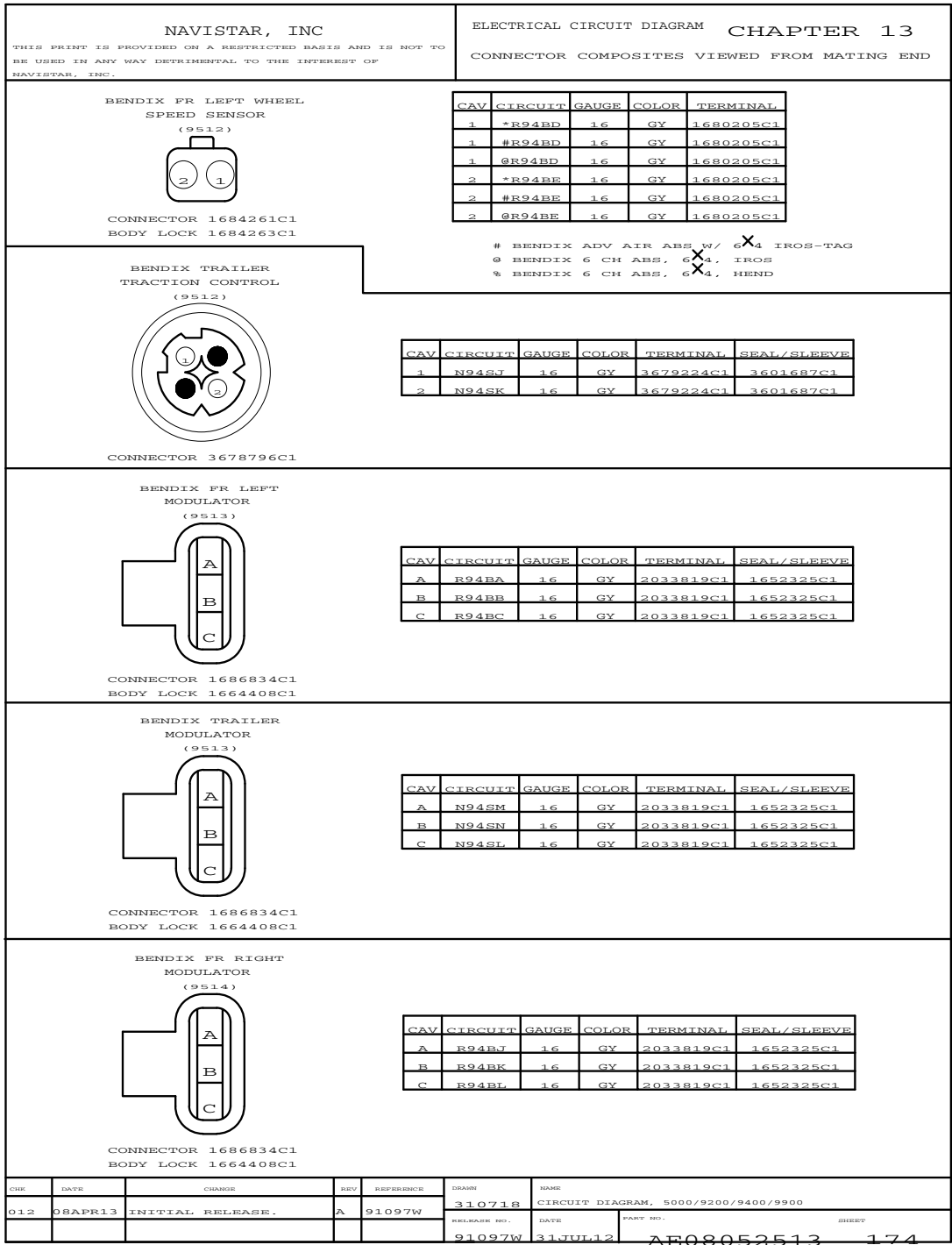


Figure 426 Connector Composites (9512), (9513), (9514)

13.182. CONNECTOR COMPOSITES (9515B), (9516), (9516M), P. 175

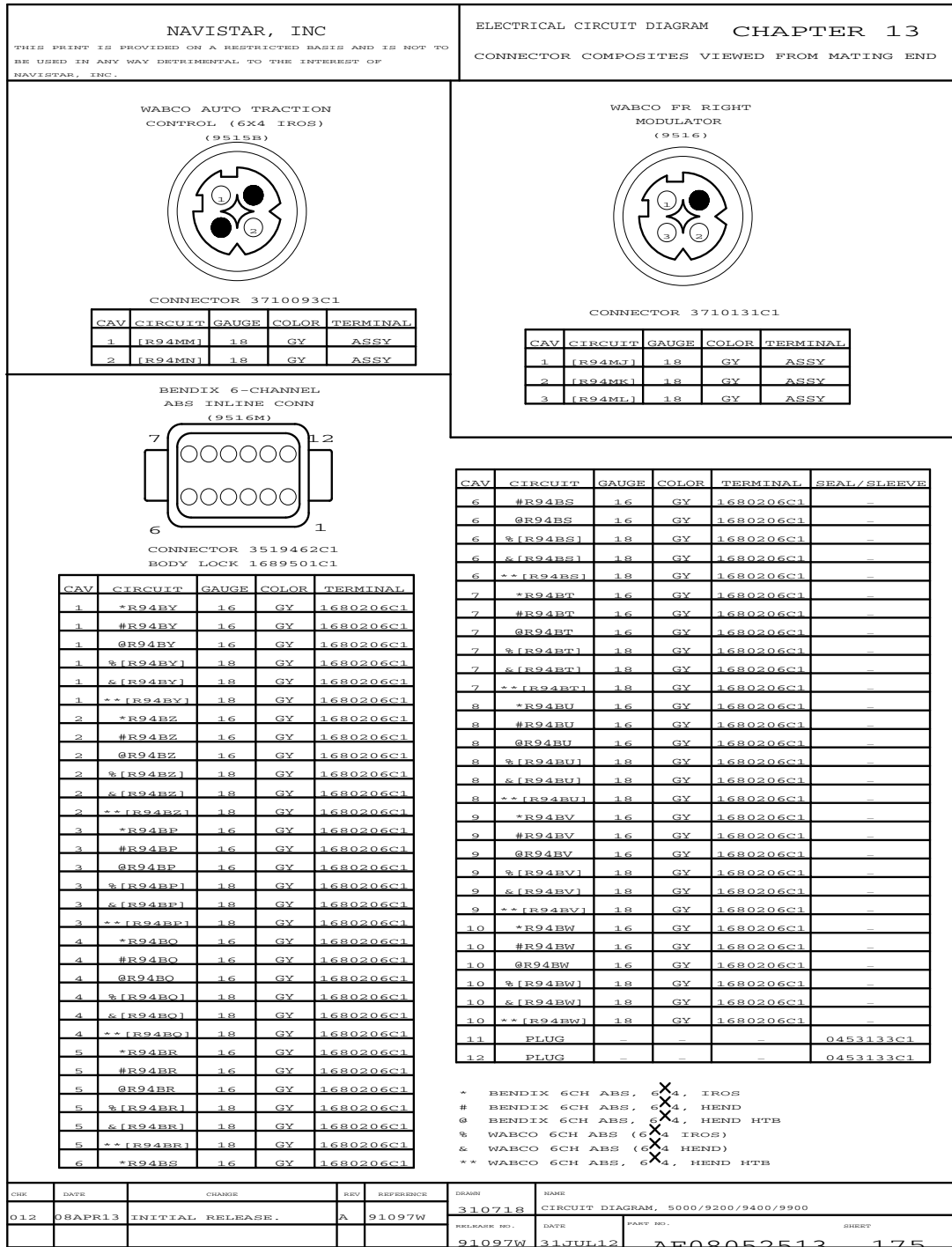


Figure 427 Connector Composites (9515B), (9516), (9516M)

13.183. CONNECTOR COMPOSITES (9516M), (9517), (9518), (9530), (9519), (9531), (9533), P. 176

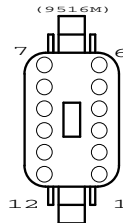


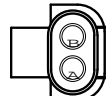

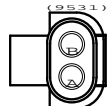
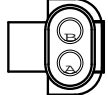
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																																																																	
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BENDIX 6-CHANNEL ABS CENTER / REAR (9516M)																																																																																					
																																																																																					
CONNECTOR 3602757C1 BODY LOCK 3601925C1				<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>1</td><td>N94BY</td><td>16</td><td>GY</td><td>1680205C1</td><td>-</td></tr> <tr><td>2</td><td>N94BZ</td><td>16</td><td>GY</td><td>1680205C1</td><td>-</td></tr> <tr><td>3</td><td>N94BP</td><td>16</td><td>GY</td><td>1680205C1</td><td>-</td></tr> <tr><td>4</td><td>N94BO</td><td>16</td><td>GY</td><td>1680205C1</td><td>-</td></tr> <tr><td>5</td><td>N94BR</td><td>16</td><td>GY</td><td>1680205C1</td><td>-</td></tr> <tr><td>6</td><td>N94BS</td><td>16</td><td>GY</td><td>1680205C1</td><td>-</td></tr> <tr><td>7</td><td>N94BT</td><td>16</td><td>GY</td><td>1680205C1</td><td>-</td></tr> <tr><td>8</td><td>N94BU</td><td>16</td><td>GY</td><td>1680205C1</td><td>-</td></tr> <tr><td>9</td><td>N94BV</td><td>16</td><td>GY</td><td>1680205C1</td><td>-</td></tr> <tr><td>10</td><td>N94BW</td><td>16</td><td>GY</td><td>1680205C1</td><td>-</td></tr> <tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>0453133C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	N94BY	16	GY	1680205C1	-	2	N94BZ	16	GY	1680205C1	-	3	N94BP	16	GY	1680205C1	-	4	N94BO	16	GY	1680205C1	-	5	N94BR	16	GY	1680205C1	-	6	N94BS	16	GY	1680205C1	-	7	N94BT	16	GY	1680205C1	-	8	N94BU	16	GY	1680205C1	-	9	N94BV	16	GY	1680205C1	-	10	N94BW	16	GY	1680205C1	-	11	PLUG	-	-	-	0453133C1	12	PLUG	-	-	-	0453133C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																
1	N94BY	16	GY	1680205C1	-																																																																																
2	N94BZ	16	GY	1680205C1	-																																																																																
3	N94BP	16	GY	1680205C1	-																																																																																
4	N94BO	16	GY	1680205C1	-																																																																																
5	N94BR	16	GY	1680205C1	-																																																																																
6	N94BS	16	GY	1680205C1	-																																																																																
7	N94BT	16	GY	1680205C1	-																																																																																
8	N94BU	16	GY	1680205C1	-																																																																																
9	N94BV	16	GY	1680205C1	-																																																																																
10	N94BW	16	GY	1680205C1	-																																																																																
11	PLUG	-	-	-	0453133C1																																																																																
12	PLUG	-	-	-	0453133C1																																																																																
WABCO FR RIGHT WHEEL SPEED SENSOR (9517)				WABCO FR LEFT WHEEL SPEED SENSOR (9518)																																																																																	
																																																																																					
CONNECTOR 3519878C1				CONNECTOR 3519878C1																																																																																	
<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>*[R94ME]</td><td>18</td><td>GY</td><td>ASSY</td></tr> <tr><td>1</td><td>#[R94ME]</td><td>18</td><td>GY</td><td>ASSY</td></tr> <tr><td>2</td><td>*[R94MH]</td><td>18</td><td>GY</td><td>ASSY</td></tr> <tr><td>2</td><td>#[R94MH]</td><td>18</td><td>GY</td><td>ASSY</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	*[R94ME]	18	GY	ASSY	1	#[R94ME]	18	GY	ASSY	2	*[R94MH]	18	GY	ASSY	2	#[R94MH]	18	GY	ASSY	<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>*[R94MD]</td><td>18</td><td>GY</td><td>ASSY</td></tr> <tr><td>1</td><td>#[R94MD]</td><td>18</td><td>GY</td><td>ASSY</td></tr> <tr><td>2</td><td>*[R94ME]</td><td>18</td><td>GY</td><td>ASSY</td></tr> <tr><td>2</td><td>#[R94ME]</td><td>18</td><td>GY</td><td>ASSY</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	*[R94MD]	18	GY	ASSY	1	#[R94MD]	18	GY	ASSY	2	*[R94ME]	18	GY	ASSY	2	#[R94ME]	18	GY	ASSY																												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																	
1	*[R94ME]	18	GY	ASSY																																																																																	
1	#[R94ME]	18	GY	ASSY																																																																																	
2	*[R94MH]	18	GY	ASSY																																																																																	
2	#[R94MH]	18	GY	ASSY																																																																																	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																	
1	*[R94MD]	18	GY	ASSY																																																																																	
1	#[R94MD]	18	GY	ASSY																																																																																	
2	*[R94ME]	18	GY	ASSY																																																																																	
2	#[R94ME]	18	GY	ASSY																																																																																	
* WABCO 6CH ABS (6X4 IORS) # WABCO 6CH ABS (6X4 HEND)				* WABCO 6CH ABS (6X4 IORS) # WABCO 6CH ABS (6X4 HEND)																																																																																	
MERITOR DIFF LOCK WARN LIGHT FR AXLE (6X4) (9530)				WABCO FR LEFT MODULATOR (9519)																																																																																	
																																																																																					
CONNECTOR 3593684C91				CONNECTOR 3710131C1																																																																																	
<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>*R49</td><td>18</td><td>GY</td><td>0587578C1</td><td>1652325C1</td></tr> <tr><td>A</td><td>#R49A</td><td>18</td><td>GY</td><td>0587578C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>*R49-G</td><td>18</td><td>WH</td><td>0587578C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>#R49-GB</td><td>18</td><td>WH</td><td>0587578C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	*R49	18	GY	0587578C1	1652325C1	A	#R49A	18	GY	0587578C1	1652325C1	B	*R49-G	18	WH	0587578C1	1652325C1	B	#R49-GB	18	WH	0587578C1	1652325C1	<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>[R94MA]</td><td>18</td><td>GY</td><td>ASSY</td></tr> <tr><td>2</td><td>[R94MB]</td><td>18</td><td>GY</td><td>ASSY</td></tr> <tr><td>3</td><td>[R94MC]</td><td>18</td><td>GY</td><td>ASSY</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	[R94MA]	18	GY	ASSY	2	[R94MB]	18	GY	ASSY	3	[R94MC]	18	GY	ASSY																												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																
A	*R49	18	GY	0587578C1	1652325C1																																																																																
A	#R49A	18	GY	0587578C1	1652325C1																																																																																
B	*R49-G	18	WH	0587578C1	1652325C1																																																																																
B	#R49-GB	18	WH	0587578C1	1652325C1																																																																																
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																	
1	[R94MA]	18	GY	ASSY																																																																																	
2	[R94MB]	18	GY	ASSY																																																																																	
3	[R94MC]	18	GY	ASSY																																																																																	
* ONE MERITOR DIFF LOCK WARN LT (6X4) W/ TAG # TWO MERITOR DIFF LOCK WARN LIGHT (6X4)																																																																																					
4X2 REAR AXLE MERITOR DIFF LOCK WARN LIGHT (9531)				4X2 REAR AXLE MERITOR DIFF LOCK WARN LT (9533)																																																																																	
																																																																																					
CONNECTOR 3593684C91				CONNECTOR 3593684C91																																																																																	
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																
A	R49	18	GY	0587578C1	1652325C1																																																																																
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* ONE MERITOR DIFF LOCK WARN LIGHT (6X4) # TWO MERITOR DIFF LOCK WARN LIGHT (6X4)				* ONE MERITOR DIFF LOCK WARN LIGHT (6X4) # TWO MERITOR DIFF LOCK WARN LIGHT (6X4)																																																																																	
CHG	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																															
012	08APR13	INITIAL RELEASE.	A	91097W	310718	CIRCUIT DIAGRAM, 5000/9200/9400/9900																																																																															
RELEASE NO.		DATE		PART NO.		SHEET																																																																															
91097W		31JUL12		AE08052513		176																																																																															

Figure 428 Connector Composites (9516M), (9517), (9518), (9530), (9519), (9531), (9533)

13.184. CONNECTOR COMPOSITES (9715F), (9715M), (9716F), (9716M), P. 177

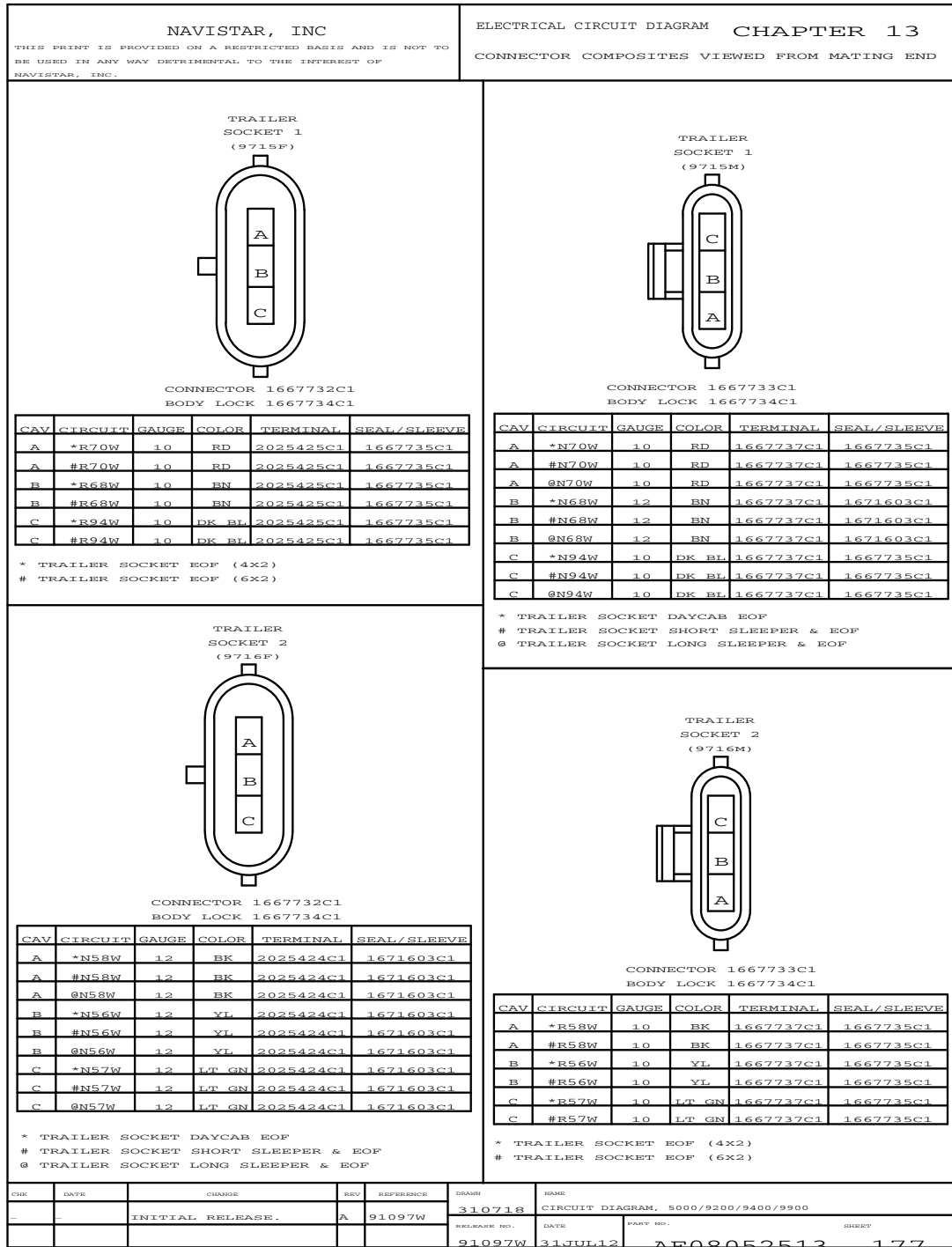


Figure 429 Connector Composites (9715F), (9715M), (9716F), (9716M)

13.185. CONNECTOR COMPOSITES (9789FA), (9790MA), (9800F), P. 178

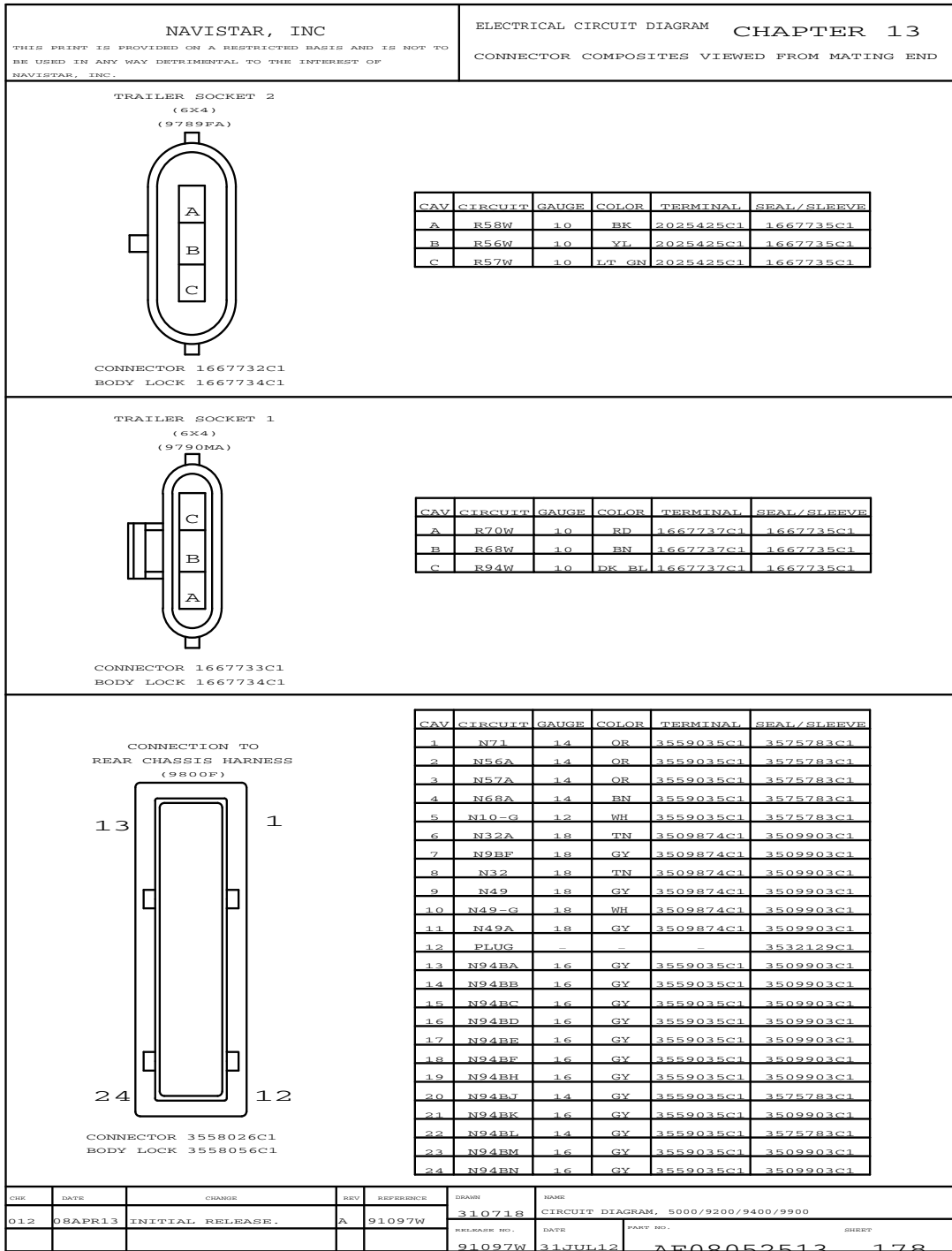


Figure 430 Connector Composites (9789FA), (9790MA), (9800F)

13.186. CONNECTOR COMPOSITES (9800M), P. 179

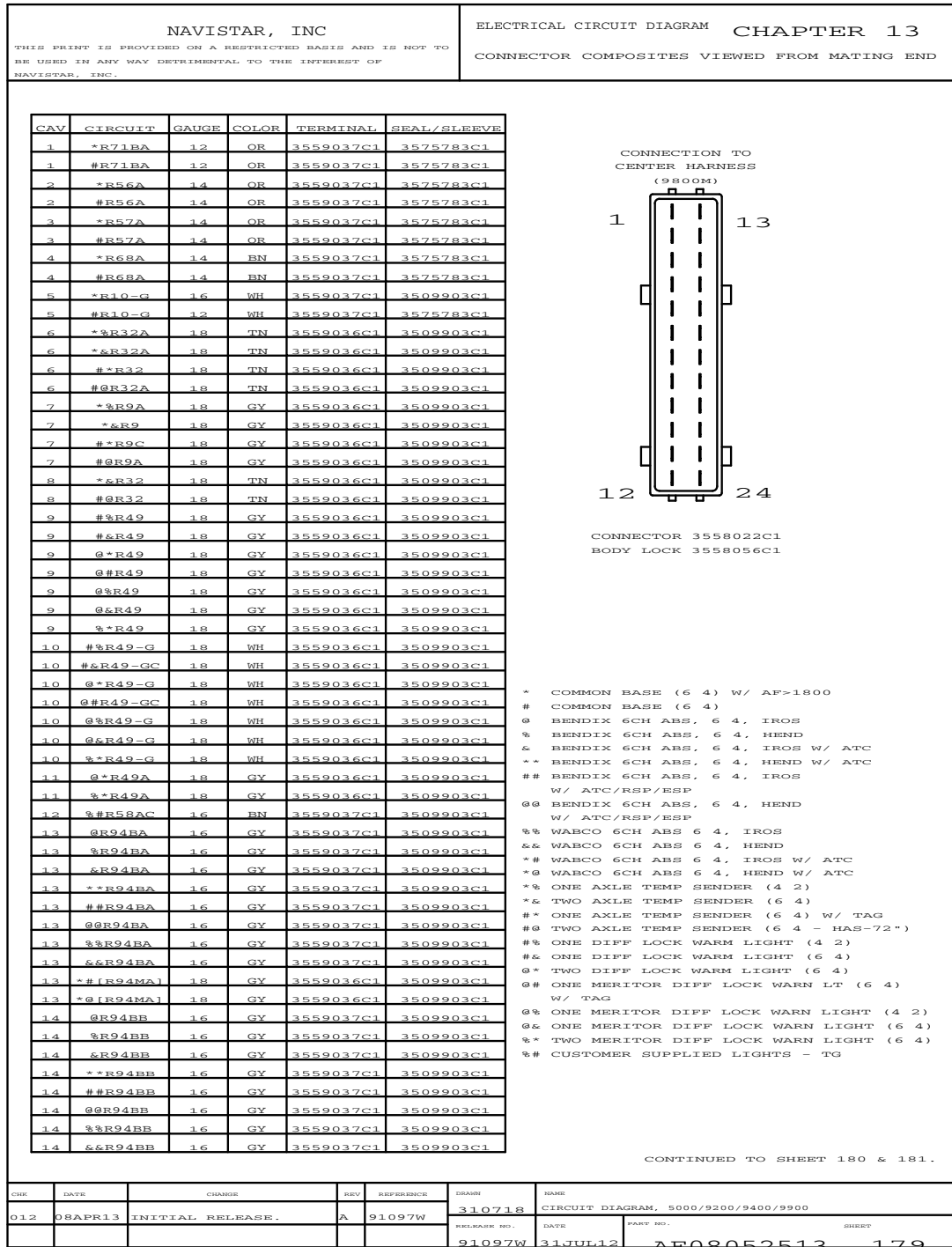


Figure 431 Connector Composites (9800M)

ELECTRICAL CIRCUIT DIAGRAM MANUAL

13.187. CONNECTOR COMPOSITES (9800M), P. 180

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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	
14	*# [R94MB]	18	GY	3559036C1	3509903C1	
14	*@ [R94MB]	18	GY	3559036C1	3509903C1	
15	@R94BC	16	GY	3559037C1	3509903C1	
15	%R94BC	16	GY	3559037C1	3509903C1	
15	&R94BC	16	GY	3559037C1	3509903C1	
15	**R94BC	16	GY	3559037C1	3509903C1	
15	##R94BC	16	GY	3559037C1	3509903C1	
15	@@R94BC	16	GY	3559037C1	3509903C1	
15	%%R94BC	16	GY	3559037C1	3509903C1	
15	&&R94BC	16	GY	3559037C1	3509903C1	
15	*# [R94MC]	18	GY	3559036C1	3509903C1	
15	*@ [R94MC]	18	GY	3559036C1	3509903C1	
16	@R94BD	16	GY	3559037C1	3509903C1	
16	%R94BD	16	GY	3559037C1	3509903C1	
16	&R94BD	16	GY	3559037C1	3509903C1	
16	**R94BD	16	GY	3559037C1	3509903C1	
16	##R94BD	16	GY	3559037C1	3509903C1	
16	@@R94BD	16	GY	3559037C1	3509903C1	
16	%%R94BD	16	GY	3559037C1	3509903C1	
16	&&R94BD	16	GY	3559037C1	3509903C1	
16	*# [R94MD]	18	GY	3559036C1	3509903C1	
16	*@ [R94MD]	18	GY	3559036C1	3509903C1	
17	@R94BE	16	GY	3559037C1	3509903C1	
17	%R94BE	16	GY	3559037C1	3509903C1	
17	&R94BE	16	GY	3559037C1	3509903C1	
17	**R94BE	16	GY	3559037C1	3509903C1	
17	##R94BE	16	GY	3559037C1	3509903C1	
17	@@R94BE	16	GY	3559037C1	3509903C1	
17	%%R94BE	16	GY	3559037C1	3509903C1	
17	&&R94BE	16	GY	3559037C1	3509903C1	
17	*# [R94ME]	18	GY	3559036C1	3509903C1	
17	*@ [R94ME]	18	GY	3559036C1	3509903C1	
18	@R94BF	16	GY	3559037C1	3509903C1	
18	%R94BF	16	GY	3559037C1	3509903C1	
18	&R94BF	16	GY	3559037C1	3509903C1	
18	**R94BF	16	GY	3559037C1	3509903C1	
18	##R94BF	16	GY	3559037C1	3509903C1	
18	@@R94BF	16	GY	3559037C1	3509903C1	
18	%%R94BF	16	GY	3559037C1	3509903C1	
18	&&R94BF	16	GY	3559037C1	3509903C1	
18	*# [R94MF]	18	GY	3559036C1	3509903C1	
18	*@ [R94MF]	18	GY	3559036C1	3509903C1	
19	@R94BH	16	GY	3559037C1	3509903C1	
19	%R94BH	16	GY	3559037C1	3509903C1	
19	&R94BH	16	GY	3559037C1	3509903C1	
19	**R94BH	16	GY	3559037C1	3509903C1	
19	##R94BH	16	GY	3559037C1	3509903C1	
19	@@R94BH	16	GY	3559037C1	3509903C1	
19	%%R94BH	16	GY	3559037C1	3509903C1	
19	&&R94BH	16	GY	3559037C1	3509903C1	
19	*# [R94MH]	18	GY	3559036C1	3509903C1	
19	*@ [R94MH]	18	GY	3559036C1	3509903C1	
20	@R94BJ	16	GY	3559037C1	3509903C1	
20	%R94BJ	16	GY	3559037C1	3509903C1	
20	&R94BJ	16	GY	3559037C1	3509903C1	
20	**R94BJ	16	GY	3559037C1	3509903C1	
20	##R94BJ	16	GY	3559037C1	3509903C1	

@	BENDIX 6CH ABS, 6 4, IROS
%	BENDIX 6CH ABS, 6 4, HEND
&	BENDIX 6CH ABS, 6 4, IROS W/ ATC
**	BENDIX 6CH ABS, 6 4, HEND W/ ATC
##	BENDIX 6CH ABS, 6 4, IROS
W/ ATC/RSP/ESP	
@@	BENDIX 6CH ABS, 6 4, HEND
W/ ATC/RSP/ESP	
%%	WABCO 6CH ABS 6 4, IROS
&&	WABCO 6CH ABS 6 4, HEND
*#	WABCO 6CH ABS 6 4, IROS W/ ATC
*@	WABCO 6CH ABS 6 4, HEND W/ ATC

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
012	08APR13	INITIAL RELEASE.	A	91097W	310718	CIRCUIT DIAGRAM, 5000/9200/9400/9900
					RELEASE NO.	DATE
					91097W	31JUL12
					PART NO.	SHEET
					AE08052513	180

Figure 432 Connector Composites (9800M)

13.188. CONNECTOR COMPOSITES (9800M), P. 181

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR COMPOSITES VIEWED FROM MATING END				
CONTINUED FROM SHEET 179 & 180.								
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE			
20	@R94BJ	16	GY	3559037C1	3509903C1			
20	%R94BJ	16	GY	3559037C1	3509903C1			
20	&R94BJ	16	GY	3559037C1	3509903C1			
20	*R94MJ	18	GY	3559036C1	3509903C1			
20	*@R94MJ	18	GY	3559036C1	3509903C1			
21	@R94BK	16	GY	3559037C1	3509903C1			
21	%R94BK	16	GY	3559037C1	3509903C1			
21	&R94BK	16	GY	3559037C1	3509903C1			
21	**R94BK	16	GY	3559037C1	3509903C1			
21	##R94BK	16	GY	3559037C1	3509903C1			
21	@@R94BK	16	GY	3559037C1	3509903C1			
21	%%R94BK	16	GY	3559037C1	3509903C1			
21	&&R94BK	16	GY	3559037C1	3509903C1			
21	*R94MK	18	GY	3559036C1	3509903C1			
21	*@R94MK	18	GY	3559036C1	3509903C1			
22	@R94BL	16	GY	3559037C1	3509903C1			
22	%R94BL	16	GY	3559037C1	3509903C1			
22	&R94BL	16	GY	3559037C1	3509903C1			
22	**R94BL	16	GY	3559037C1	3509903C1			
22	##R94BL	16	GY	3559037C1	3509903C1			
22	@@R94BL	16	GY	3559037C1	3509903C1			
22	%%R94BL	16	GY	3559037C1	3509903C1			
22	&&R94BL	16	GY	3559037C1	3509903C1			
22	*R94ML	18	GY	3559036C1	3509903C1			
22	*@R94ML	18	GY	3559036C1	3509903C1			
23	&R94BM	16	GY	3559037C1	3509903C1			
23	**R94BM	16	GY	3559037C1	3509903C1			
23	##R94BM	16	GY	3559037C1	3509903C1			
23	@@R94BM	16	GY	3559037C1	3509903C1			
23	*R94MM	18	GY	3559036C1	3509903C1			
23	*@R94MM	18	GY	3559036C1	3509903C1			
24	&R94BN	16	GY	3559037C1	3509903C1			
24	**R94BN	16	GY	3559037C1	3509903C1			
24	##R94BN	16	GY	3559037C1	3509903C1			
24	@@R94BN	16	GY	3559037C1	3509903C1			
24	*R94MN	18	GY	3559036C1	3509903C1			
24	*@R94MN	18	GY	3559036C1	3509903C1			
* COMMON BASE (6 X 4) W/ AF>1800 # COMMON BASE (6 X 4) @ BENDIX 6CH ABS. 6 X 4, IROS % BENDIX 6CH ABS. 6 X 4, HEND & BENDIX 6CH ABS. 6 X 4, IROS W/ ATC ** BENDIX 6CH ABS. 6 X 4, HEND W/ ATC ## BENDIX 6CH ABS. 6 X 4, IROS W/ ATC/RSP/ESP @@ BENDIX 6CH ABS. 6 X 4, HEND W/ ATC/RSP/ESP %% WABCO 6CH ABS 6 X 4, IROS && WABCO 6CH ABS 6 X 4, HEND *# WABCO 6CH ABS 6 X 4, IROS W/ ATC *@ WABCO 6CH ABS 6 X 4, HEND W/ ATC *% ONE AXLE TEMP SENDER (4 X 2) *% TWO AXLE TEMP SENDER (6 X 4) #* ONE AXLE TEMP SENDER (6 X 4) W/ TAG #@ TWO AXLE TEMP SENDER (6 X 4) -HAS-72" #% ONE DIFF LOCK WARM LIGHT (4 X 2) #& ONE DIFF LOCK WARM LIGHT (6 X 4) @* TWO DIFF LOCK WARM LIGHT (6 X 4) @# ONE MERITOR DIFF LOCK WARN LT (6 X 4) W/ TAG @% ONE MERITOR DIFF LOCK WARN LIGHT (4 X 2) @& ONE MERITOR DIFF LOCK WARN LIGHT (6 X 4) %* TWO MERITOR DIFF LOCK WARN LIGHT (6 X 4) %# CUSTOMER SUPPLIED LIGHTS - TG								
CHR	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
012	08APR13	INITIAL RELEASE.	A	91097W	310718	CIRCUIT DIAGRAM, 5000/9200/9400/9900		
					RELEASE NO.	DATE	PART NO.	SHEET
					91097W	31JUL12	AE08052513	181

Figure 433 Connector Composites (9800M)

13.189. CONNECTOR COMPOSITES (9811), (9812), (9814), (9815), (9816), (9901), (9902), P. 182

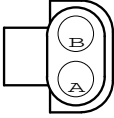
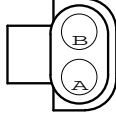
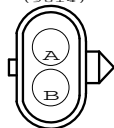
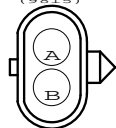
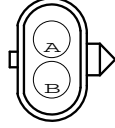
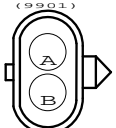
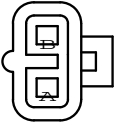
NAVISTAR, INC <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END							
FR AXLE TEMP SENDER (9811) 				RR AXLE TEMP SENDER (6X4) (9812) 							
CONNECTOR 0587568C91				CONNECTOR 0587568C91							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	*R32	18	TN	0587576C1	1652325C1	A	R32A	18	TN	0587576C1	1652325C1
A	#R32	18	TN	0587576C1	1652325C1	B	R9B	18	GY	0587576C1	1652325C1
B	*R9C	18	GY	0587576C1	1652325C1						
B	#R9C	18	GY	0587576C1	1652325C1						
				* TWO AXLE TEMP SENDER (6X4) # ONE AXLE TEMP SENDER (6X4) W/TAG							
FR AXLE DIFF LOCK (9814) 				RR AXLE DIFF LOCK WARN LIGHT (6X4) (9815) 							
CONNECTOR 0587567C91				CONNECTOR 0587567C91							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R49A	18	GY	0587578C1	1652325C1	A	R49	18	GY	0587578C1	1652325C1
B	R49-GB	18	WH	0587578C1	1652325C1	B	*R49-GA	18	WH	0587578C1	1652325C1
						B	#R49-G	18	WH	0587578C1	1652325C1
				* TWO DIFF LOCK WARN LIGHT (6X4) # ONE DIFF LOCK WARN LIGHT (6X4)							
4X2 REAR AXLE DIFF LOCK WARN LIGHT (9816) 				LSM BENDIX W/ AUX AIR DRYER (9901) 							
CONNECTOR 0587567C91				CONNECTOR 0587567C91							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R49	18	GY	0587578C1	1652325C1	A	N39	16	GY	2033819C1	1652325C1
B	R49-G	18	WH	0587578C1	1652325C1	B	N39-G	16	WH	0587577C1	1652325C1
LSM BENDIX AIR DRYER (9902) 				CONNECTOR 1673790C1 BODY LOCK 1673791C1							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE						
A	N39	16	GY	2033819C1	1652325C1						
B	N39-G	16	WH	2033819C1	1652325C1						
DATE	CHANGE	REV	REFERENCE	DRAWN	NAME						
012	08APR13	INITIAL RELEASE	A	91097W	310718	CIRCUIT DIAGRAM, 5000/9200/9400/9900					
				RELEASE NO.	DATE	PART NO.	SHEET				
				91097W	31JUL12	AE08052513	182				

Figure 434 Connector Composites (9811), (9812), (9814), (9815), (9816), (9901), (9902)

POWER DISTRIBUTION LAYOUT (CHAPTER 14)

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

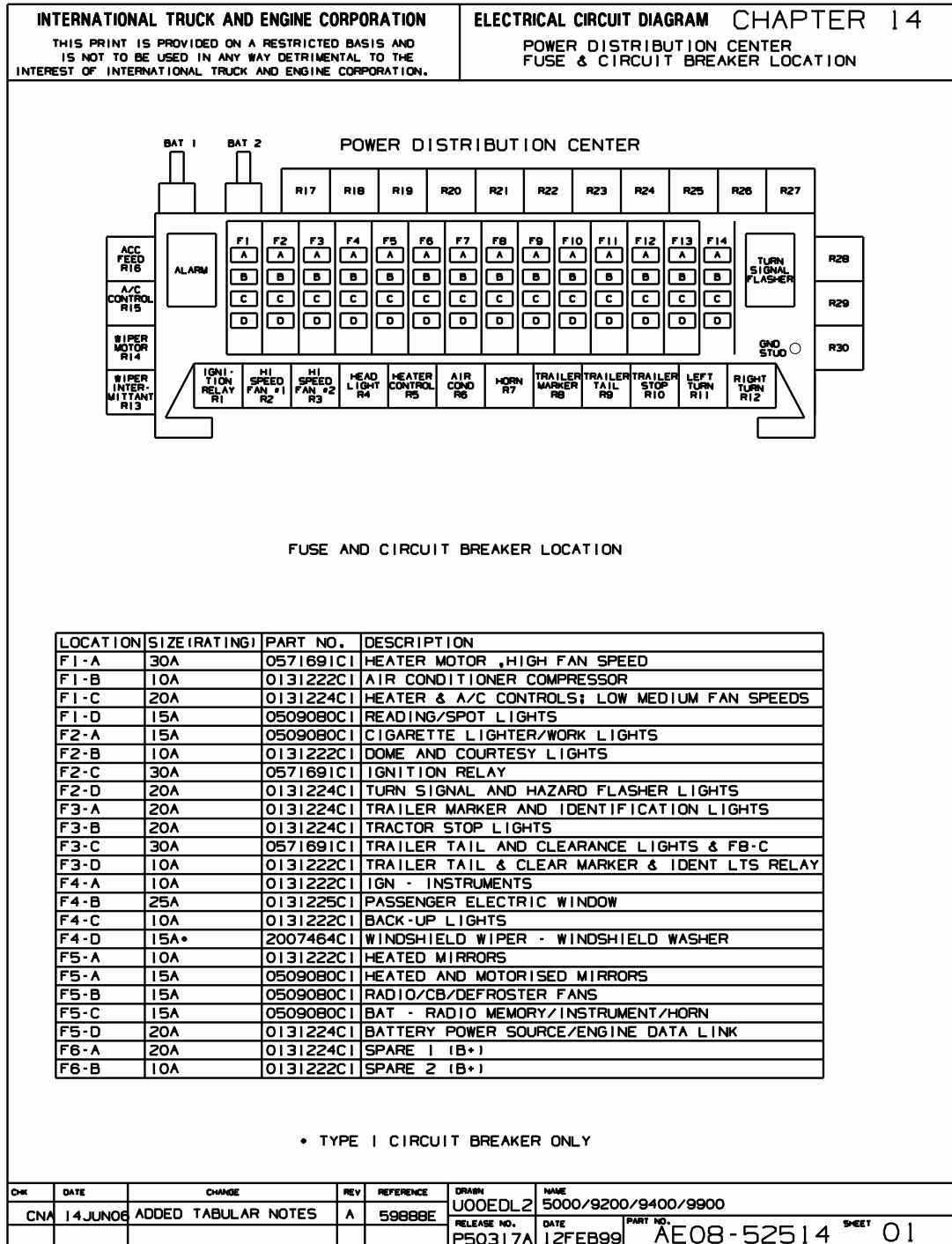


Figure 435 Power Distribution Center, Fuse and Circuit Breaker Location

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	PART NO.	DESCRIPTION
F6-C	30A	0571691C1	A3 - ACCESSORY RELAY FOR A3-ADAPTER
F6-D	20A	0131224C1	ENGINE ECM POWER (CAT)
F6-D	5A**	0131220C1	ENGINE ECM POWER (CUMMINS, DETROIT)
F7-A	25A	0131225C1	KEY SWITCH CIRCUIT & RELATED RELAYS FOR IGN & ACC
F7-B	15A	0509080C1	TRAILER LEFT TURN LIGHTS & INDICATOR BULBS
F7-C	15A	0509080C1	TRAILER RIGHT TURN LIGHTS & INDICATOR BULBS
F7-D	30A	0571691C1	TRAILER STOP LIGHTS
F8-A	10A*	2007463C1	HEADLIGHT SWITCH RELAY FEED
F8-B	25A*	2007466C1	HEADLIGHT FEED
F8-C	15A	0509080C1	LIGHTS PANEL - MIRROR, CAB CLEAR,TRACTOR PARK & TAIL
F8-D	20A	0131224C1	SLEEPER-DOME, READING & LUGGAGE LIGHTS
F9-A	10A	0131222C1	AIR DRYER FEED
F9-B	20A	0131224C1	IGN-DAYTIME RUNNING LIGHTS FEED
F9-C	5A**	0509080C1	BAT-DAYTIME RUNNING LIGHTS FEED
F9-D	10A	0131222C1	HEATER CONTROL MODULE IGNITION FEED
F10-A	15A***	0509080C1	TRAILER ABS POWER FEED
F10-A	10A***	0131222C1	LOW VOLTAGE MODULE
F10-B	30A	0571691C1	WIPER-WASHER/ACCESSORY

THE FOLLOWING FUSES 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.

LOCATION	SIZE	PART NO.	DESCRIPTION
F10-C	10A	0131222C1	FAN DRIVE (DETROIT)
F10-D	15A	0509080C1	OPTIMIZED IDLE - INDICATOR LIGHT & ALARM
F11-A	15A	0509080C1	OPTIMIZED IDLE - IGNITION RELAY & THERMOSTAT
F11-B	20A	0131224C1	FUEL SOLENOID W/ 3406C MECH
F11-C	20A	0131224C1	KYSOR SHUTDOWN W/ 3406C MECH
F11-D	5A**	.	ENGINE DATA LINK W/ 3406C MECH
F12-A	15A	0509080C1	ENGINE BRAKE W/ 3406C MECH
F12-B	15A	0509080C1	BUNK AUXILIARY BLOWER
F12-C	10A	0131222C1	EXHAUST PYROMETER
F12-D	10A	0131222C1	ETHER START
F13-A	20A	0131224C1	FOG LIGHTS
F13-B	30A	0571691C1	BENDIX ABS BATTERY
F13-C	5A	0131220C1	BENDIX ABS IGNITION
F13-D	10A	0131222C1	WABCO ABS IGNITION
F14-A	10A	0131222C1	IGN - WABCO ABS
F14-B	10A	0131222C1	ANALOG CLOCK
F14-C	30A	0571691C1	SPARE SWITCH FEED
F14-D	15A	0509080C1	KYSOR LOW COOLANT
	10A	0131222C1	MERITOR G SERIES XMSN
	5A	0131220C1	REFRIGERATOR
	10A	0131222C1	DRIVER HEATED SEAT
	10A	0131222C1	PASSENGER HEATED SEAT

* TYPE 1 CIRCUIT BREAKER ONLY
 ** FUSE ONLY
 *** MUTUALLY EXCLUSIVE

CWB	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA	26JUL07	ADDED FUSE FOR LOW	E	60747Y	U00EDL2	CIRCUIT DIAGRAM, 5000/9200/9400/9900
		VOLTAGE MODULE F10-A			RELEASE NO.	DATE
					P50317A	12FEB99
						PART NO.
						AE08-52514
						002

Figure 436 Power Distribution Center, Fuse and Circuit Breaker Location (Cont.)

14.3. RELAY LOCATION, P. 3

<p>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.</p>	<p>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 RELAY LOCATION</p>																																																																																																
<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">LOCATION</th> <th style="text-align: left;">PART NO.</th> <th style="text-align: left;">DESCRIPTION</th> </tr> </thead> <tbody> <tr><td>R1</td><td>2012557C1</td><td>IGNITION</td></tr> <tr><td>R2</td><td>2012557C1</td><td>HIGH SPEED FAN</td></tr> <tr><td>R3</td><td>2012557C1</td><td>MEDIUM SPEED FAN</td></tr> <tr><td>R4</td><td>2012557C1</td><td>HEADLIGHT</td></tr> <tr><td>R5</td><td>2012557C1</td><td>HEATER CONTROL</td></tr> <tr><td>R6</td><td>2012557C1</td><td>AIR CONDITIONER</td></tr> <tr><td>R7</td><td>2012557C1</td><td>HORN</td></tr> <tr><td>R8</td><td>2012557C1</td><td>TRAILER MARKER</td></tr> <tr><td>R9</td><td>2012557C1</td><td>TRAILER TAIL</td></tr> <tr><td>R10</td><td>2012557C1</td><td>TRAILER STOP</td></tr> <tr><td>R11</td><td>3607384C1</td><td>LEFT TURN</td></tr> <tr><td>R12</td><td>3607384C1</td><td>RIGHT TURN</td></tr> <tr><td>R13</td><td>-</td><td>ELECT WIPER/INTERMITTANT</td></tr> <tr><td>R14</td><td>-</td><td>ELECT WIPER MOTOR</td></tr> <tr><td>R15</td><td>-</td><td>A/C CONTROL RELAY</td></tr> <tr><td>R16</td><td>-</td><td>ACCESSORY FEED RELAY</td></tr> <tr><td>R17</td><td>-</td><td>AIR DRYER</td></tr> <tr><td>R18</td><td>-</td><td>BUNK AUX BLOWER</td></tr> <tr><td>R19</td><td>-</td><td>FOG LIGHTS</td></tr> <tr><td>R20</td><td>-</td><td>RELAY CONTROL ACC ADAPTER</td></tr> <tr><td>R21</td><td>-</td><td>ABS TRAILER RELAY</td></tr> </tbody> </table> <p style="text-align: center; margin: 10px 0;"> 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. </p> <table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">LOCATION</th> <th style="text-align: left;">PART NO.</th> <th style="text-align: left;">DESCRIPTION</th> </tr> </thead> <tbody> <tr><td>R22</td><td>-</td><td>ABS IGNITION OR BATTERY (N/ ABS-6)</td></tr> <tr><td>R23</td><td>-</td><td>ABS WARNING LIGHT (N/ ABS-6)</td></tr> <tr><td>R24</td><td>-</td><td>ABS ENGINE BRAKE INTERRUPT</td></tr> <tr><td>R25</td><td>-</td><td>SPARE ACC RELAY SWITCH</td></tr> <tr><td>R26</td><td>-</td><td>KYSOR SHUTDOWN</td></tr> <tr><td>R27</td><td>-</td><td>ABS BATTERY</td></tr> <tr><td>R28</td><td>-</td><td>-</td></tr> <tr><td>R29</td><td>-</td><td>-</td></tr> <tr><td>R30</td><td>-</td><td>-</td></tr> </tbody> </table>		LOCATION	PART NO.	DESCRIPTION	R1	2012557C1	IGNITION	R2	2012557C1	HIGH SPEED FAN	R3	2012557C1	MEDIUM SPEED FAN	R4	2012557C1	HEADLIGHT	R5	2012557C1	HEATER CONTROL	R6	2012557C1	AIR CONDITIONER	R7	2012557C1	HORN	R8	2012557C1	TRAILER MARKER	R9	2012557C1	TRAILER TAIL	R10	2012557C1	TRAILER STOP	R11	3607384C1	LEFT TURN	R12	3607384C1	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	LOCATION	PART NO.	DESCRIPTION	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	-	-
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CNA	14JUN06	ADDED TABULAR NOTES	B	5988BE	U00EDL2	5000/9200/9400/9900																																																																																											
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Figure 437 Relay Location

14.4. PRO SLEEPER FUSE INDEX, P. 4

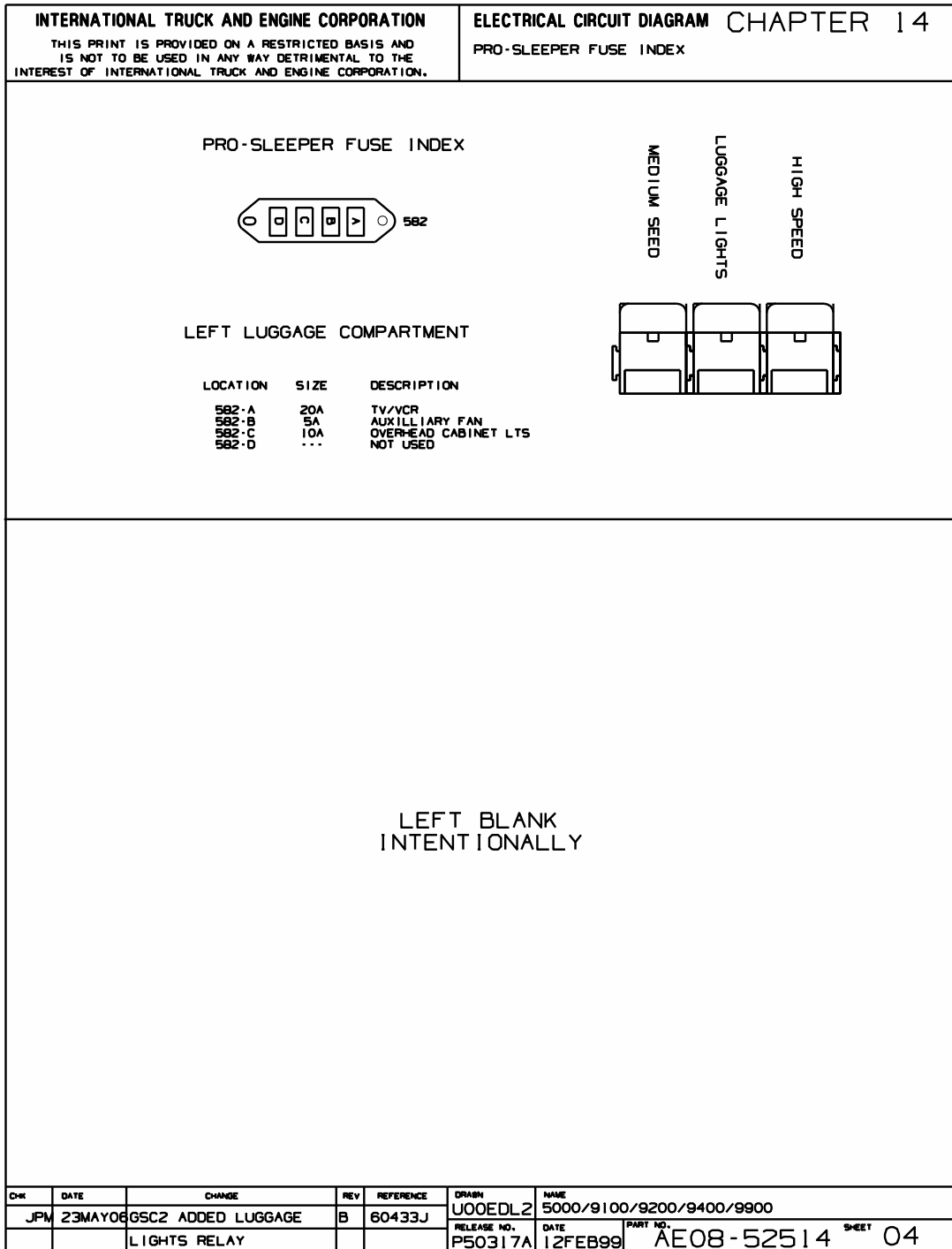


Figure 438 Pro Sleeper Fuse Index