

## 10. CHASSIS ACCESSORIES (CHAPTER 10)

### 10.1. TIRE PRESSURE MONITOR, P. 1

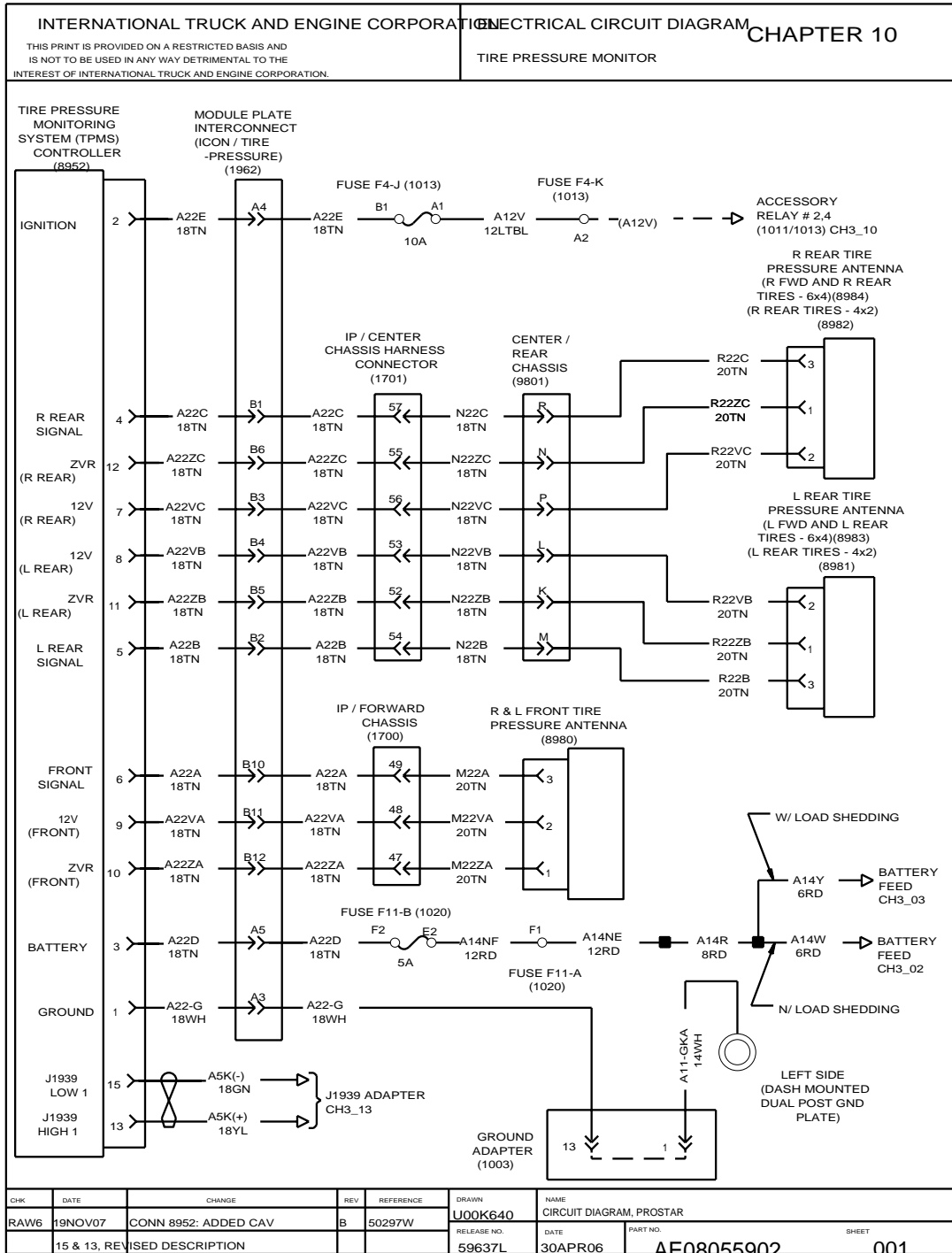


Figure 145 Tire Pressure Monitor

10.2. AIR DRYER, P. 2

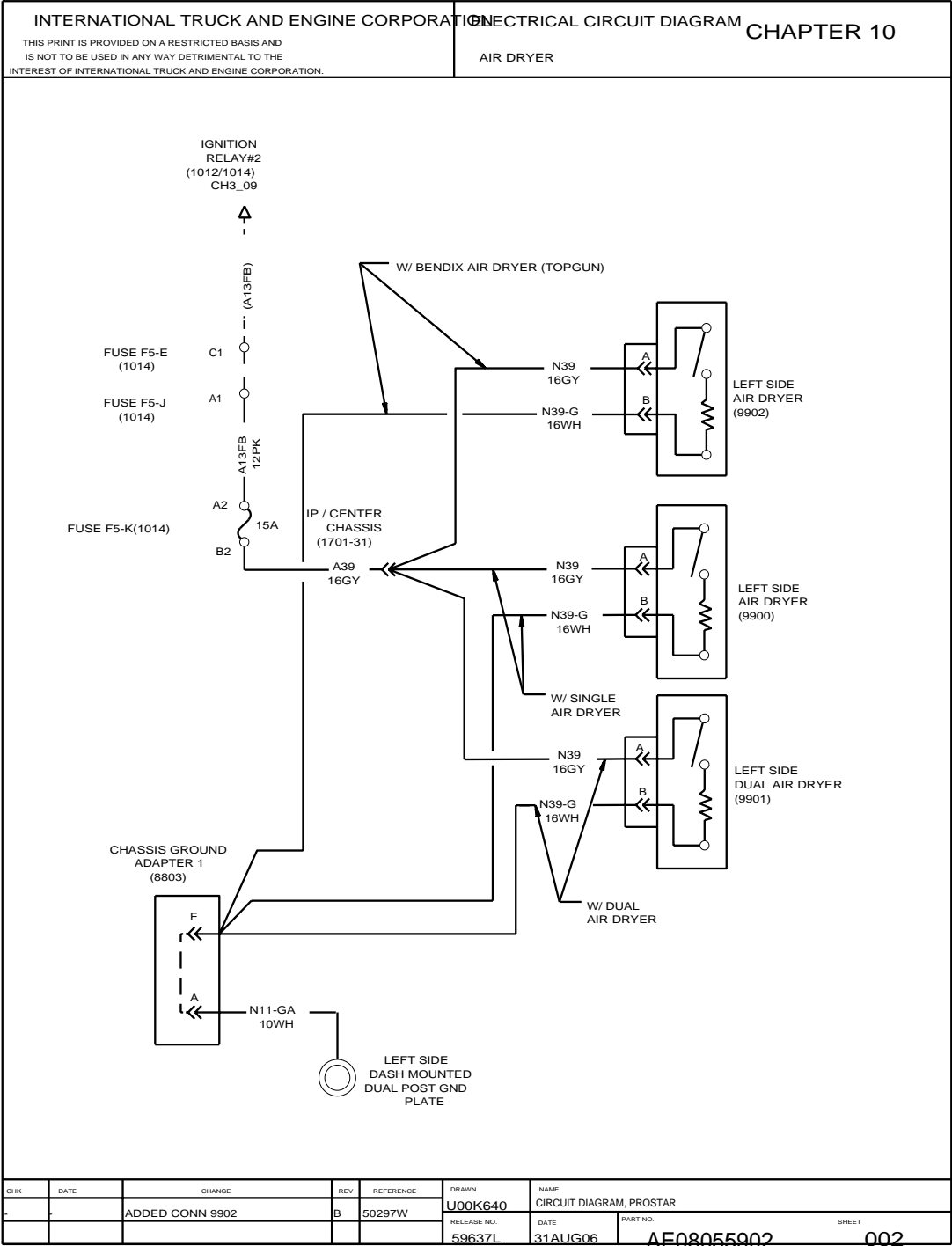


Figure 146 Air Dryer

### 10.3. AIR SOLENOID PACK — 4 WAY, P. 3

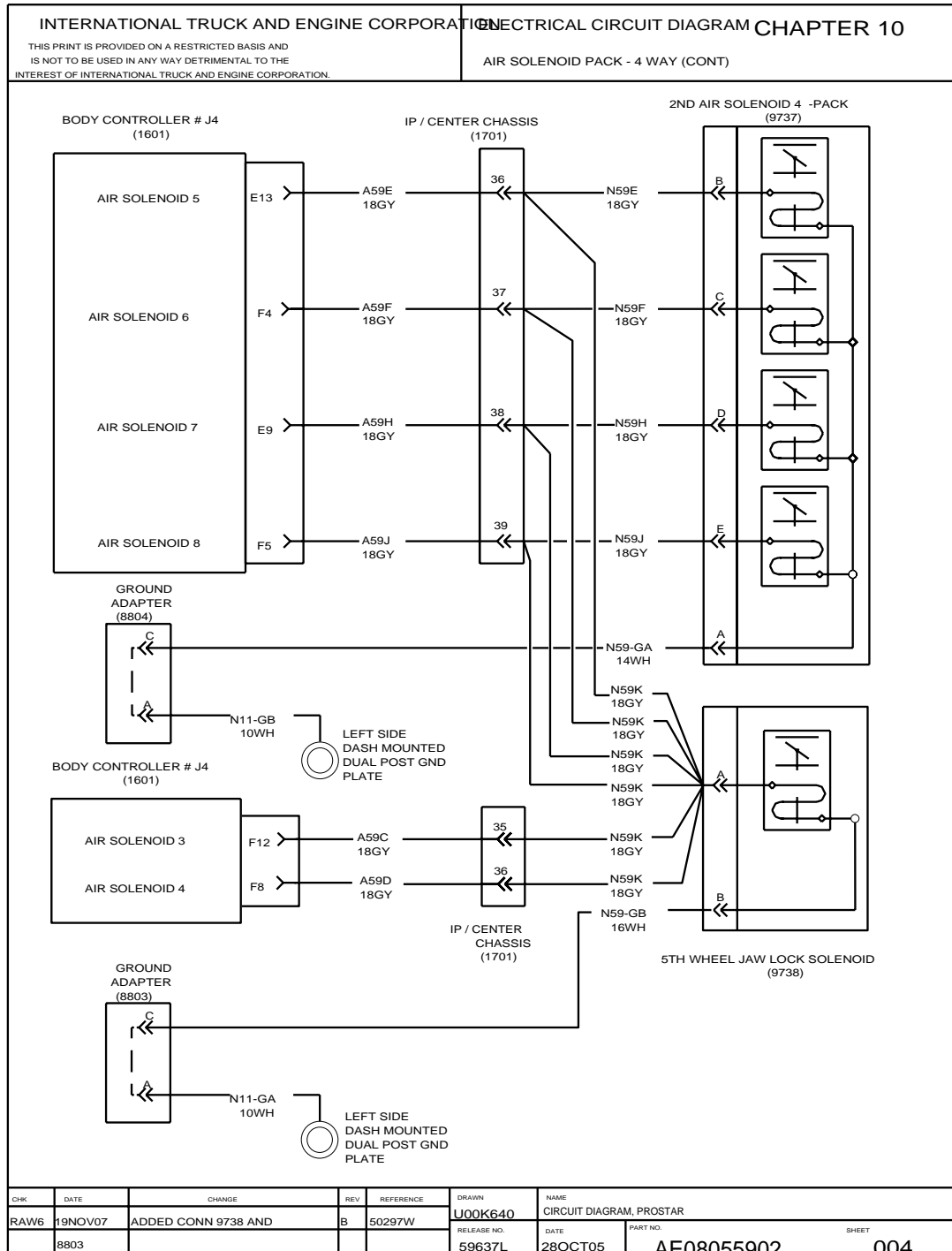


Figure 147 Air Solenoid Pack — 4 Way

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10

AIR SOLENOID PACK - 4 WAY (CONT)

**BODY CONTROLLER # J4 (1601)**

**IP / CENTER CHASSIS (1701)**

**2ND AIR SOLENOID 4 -PACK (9737)**

**BODY CONTROLLER # J4 (1601)**

**IP / CENTER CHASSIS (1701)**

**5TH WHEEL JAW LOCK SOLENOID (9738)**

**GROUND ADAPTER (8804)**

**GROUND ADAPTER (8803)**

**LEFT SIDE DASH MOUNTED DUAL POST GND PLATE**

**LEFT SIDE DASH MOUNTED DUAL POST GND PLATE**

**AIR SOLENOID 5**

**AIR SOLENOID 6**

**AIR SOLENOID 7**

**AIR SOLENOID 8**

**AIR SOLENOID 3**

**AIR SOLENOID 4**

**Wiring Details:**

- Body Controller # J4 (1601) to IP / Center Chassis (1701):**
  - A59E 18GY (E13 to 36)
  - A59F 18GY (F4 to 37)
  - A59H 18GY (E9 to 38)
  - A59J 18GY (F5 to 39)
  - A59C 18GY (F12 to 35)
  - A59D 18GY (F8 to 36)
- IP / Center Chassis (1701) to 2ND Air Solenoid 4-Pack (9737):**
  - N59E 18GY (36 to B)
  - N59F 18GY (37 to C)
  - N59H 18GY (38 to D)
  - N59J 18GY (39 to E)
  - N59-GA 14WH (36 to A)
  - N59K 18GY (35 to A)
  - N59K 18GY (36 to A)
  - N59K 18GY (35 to A)
  - N59K 18GY (36 to A)
  - N59K 18GY (35 to A)
  - N59K 18GY (36 to A)
  - N59-GA 14WH (36 to A)
  - N59-GA 14WH (35 to A)
- IP / Center Chassis (1701) to 5TH Wheel Jaw Lock Solenoid (9738):**
  - N59K 18GY (35 to A)
  - N59K 18GY (36 to A)
  - N59K 18GY (35 to A)
  - N59K 18GY (36 to A)
  - N59K 18GY (35 to A)
  - N59K 18GY (36 to A)
  - N59-GA 14WH (36 to A)
  - N59-GA 14WH (35 to A)
- Grounding:**
  - Ground Adapter (8804) connected to N11-GB 10WH and N11-GB 10WH.
  - Ground Adapter (8803) connected to N11-GA 10WH and N11-GA 10WH.

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# 10.5. AIR SUSPENSION W/LOAD INDICATOR, P. 5

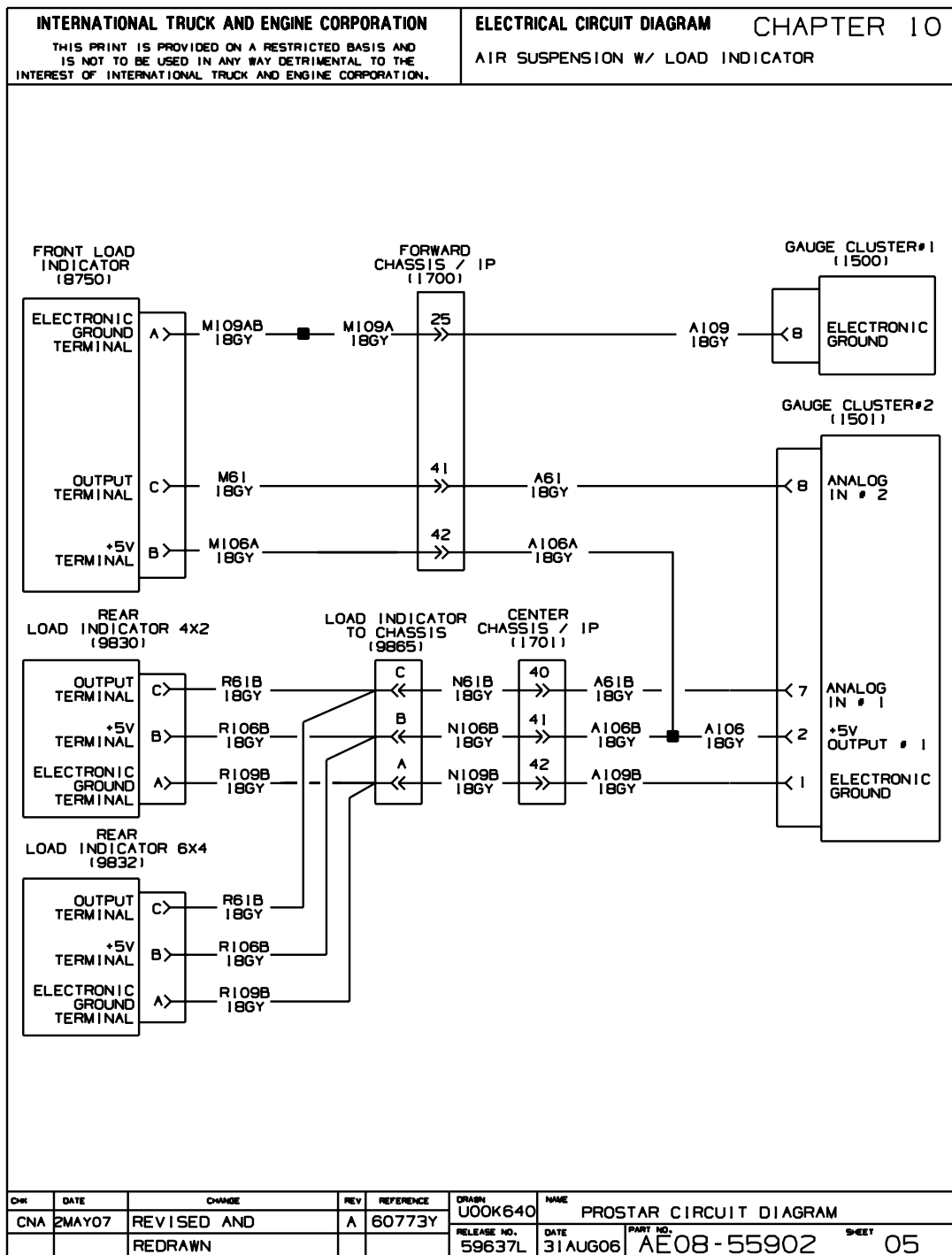


Figure 149 Air Suspension With Load Indicator

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**ELECTRICAL CIRCUIT DIAGRAM**

**BATTERY FEED - TRAILER AUXILIARY**

**CHAPTER 10**

**Legend:**

- \* IGN FEED W/ ICON, N/ FREEDOMLINE
- \*\* IGN FEED STANDARD
- # IGN FEED REMOTE START/STOP
- @ N/ LOAD SHEDDING
- @@ W/ LOAD SHEDDING

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
RAW6	19NOV07	REVISED CIRC	B	50297W	U00K640	CIRCUIT DIAGRAM, PROSTAR
DESCRIPTION FOR N94T					DATE	PART NO.
					59637L	30APR06

AE08055002

SHEET 006

### Figure 150 Battery Feed — Trailer Auxiliary

# 10.7. ANTILOCK BRAKE SYSTEM W/BENDIX, P. 7

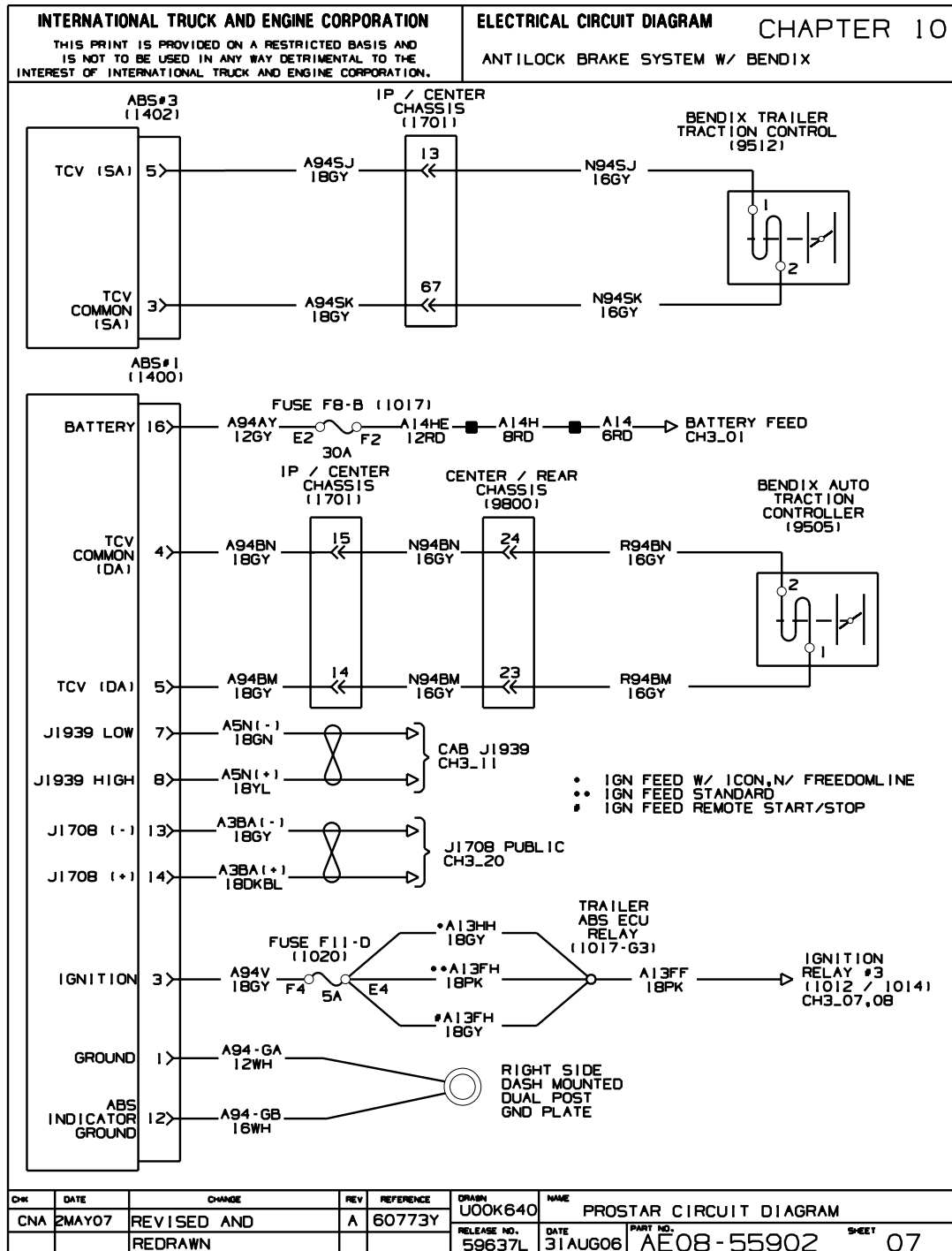
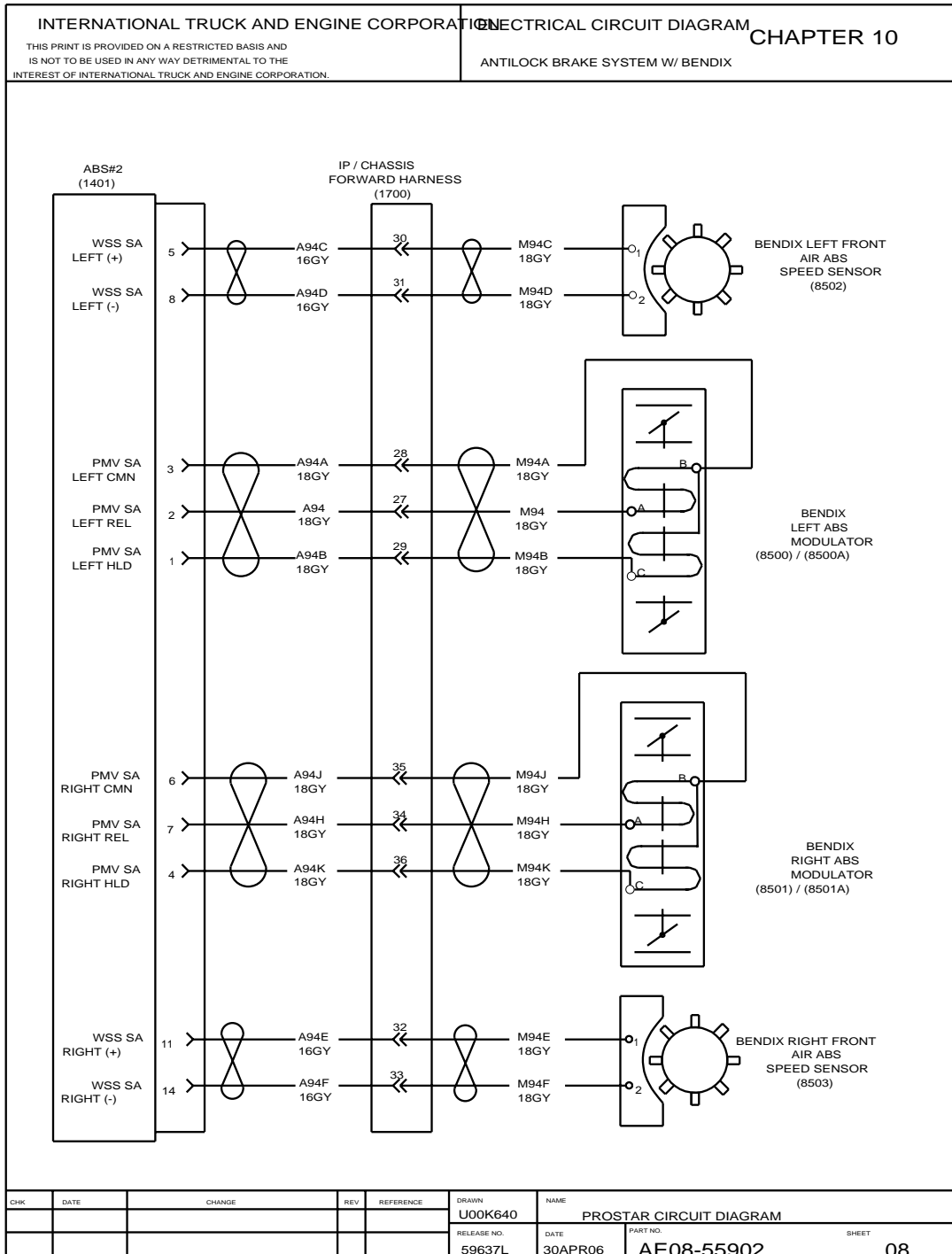


Figure 151 Antilock Brake System W/Bendix

## 10.8. ANTILOCK BRAKE SYSTEM W/BENDIX, P. 8



**Figure 152 Antilock Brake System W/Bendix**



## 10.9. ANTILOCK BRAKE SYSTEM W/BENDIX, P. 9

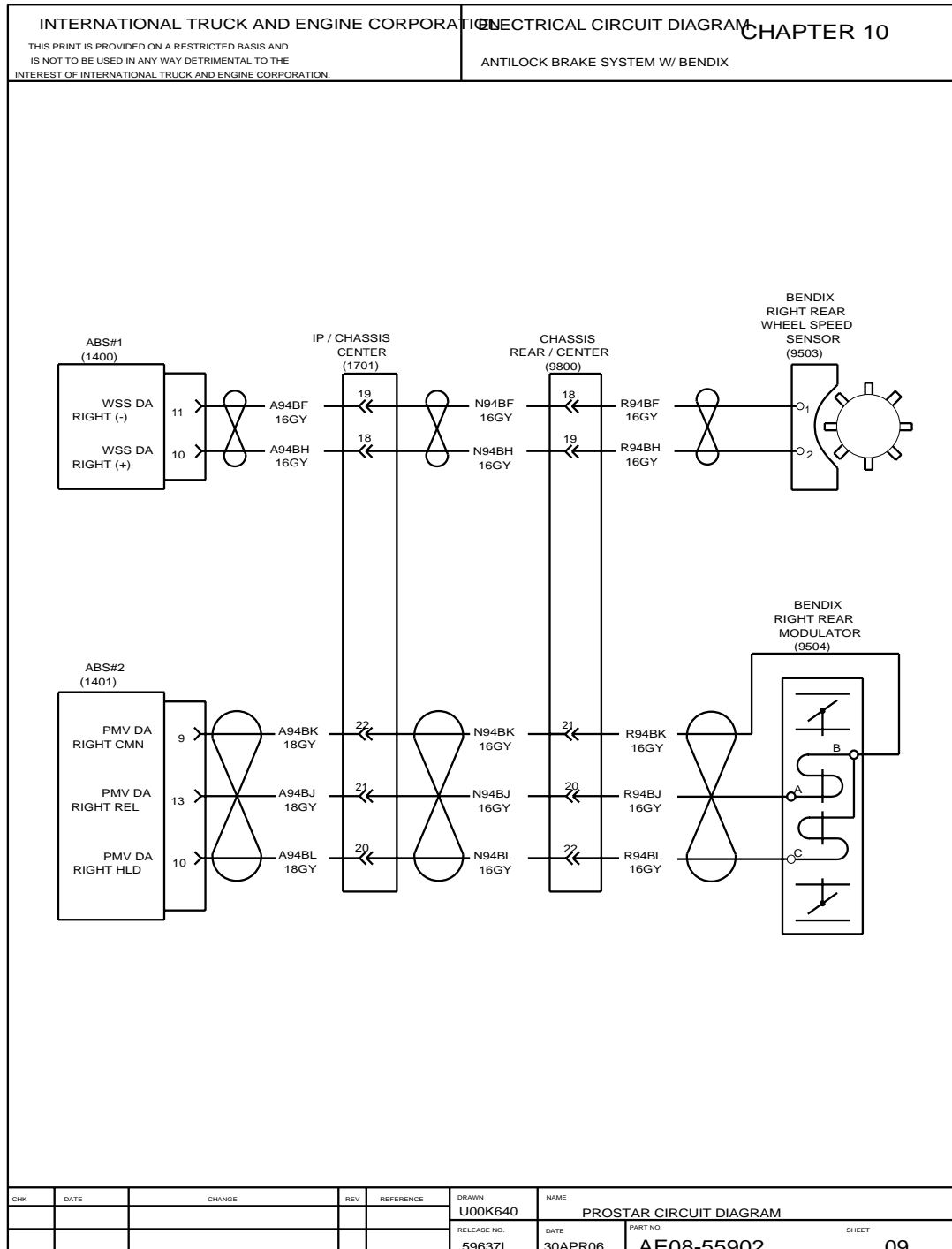


Figure 153 Antilock Brake System W/Bendix

10.10. ANTILOCK BRAKE SYSTEM W/BENDIX, P. 10

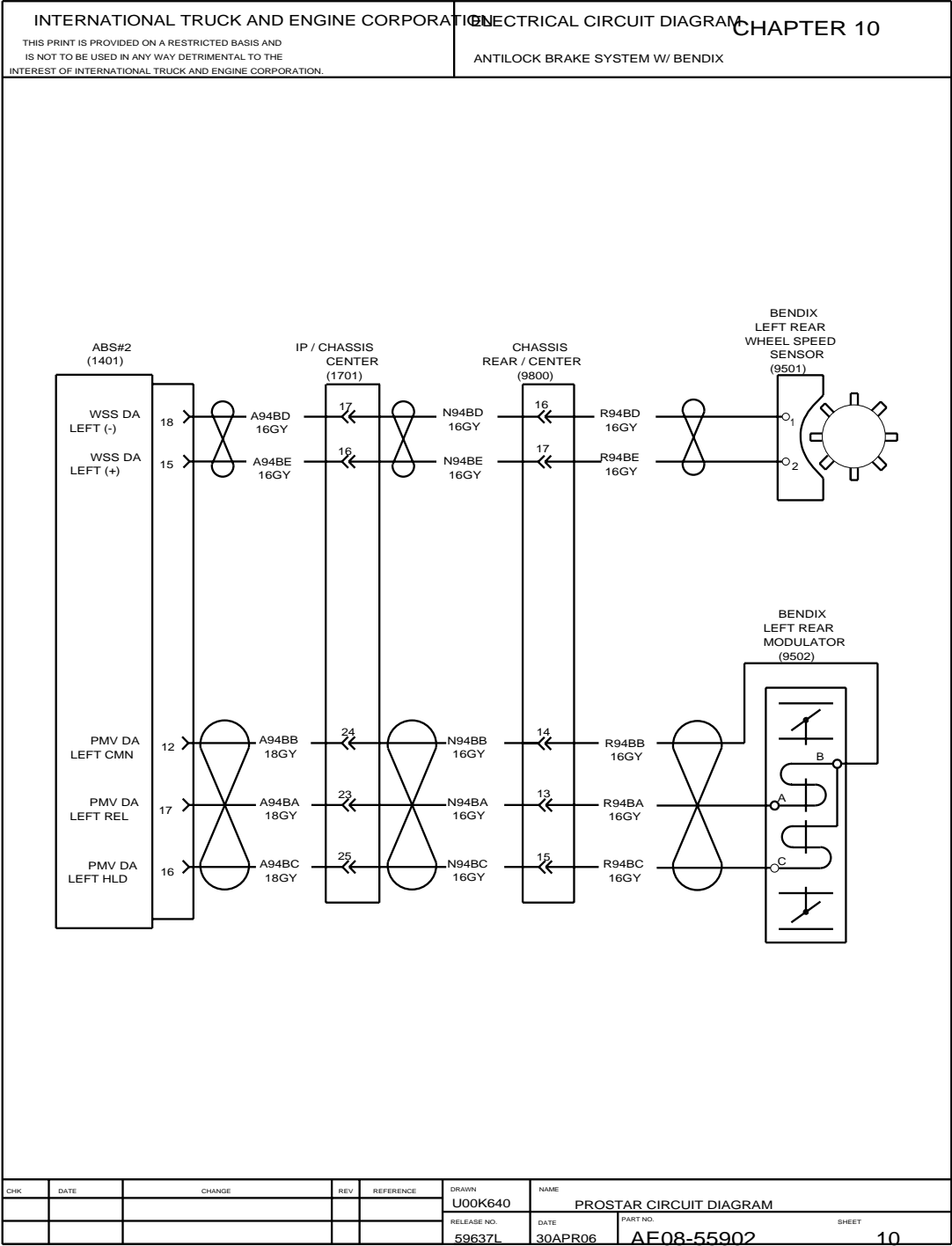


Figure 154 Antilock Brake System W/Bendix

10.11. ANTILOCK BRAKE SYSTEM W/BENDIX, P. 11

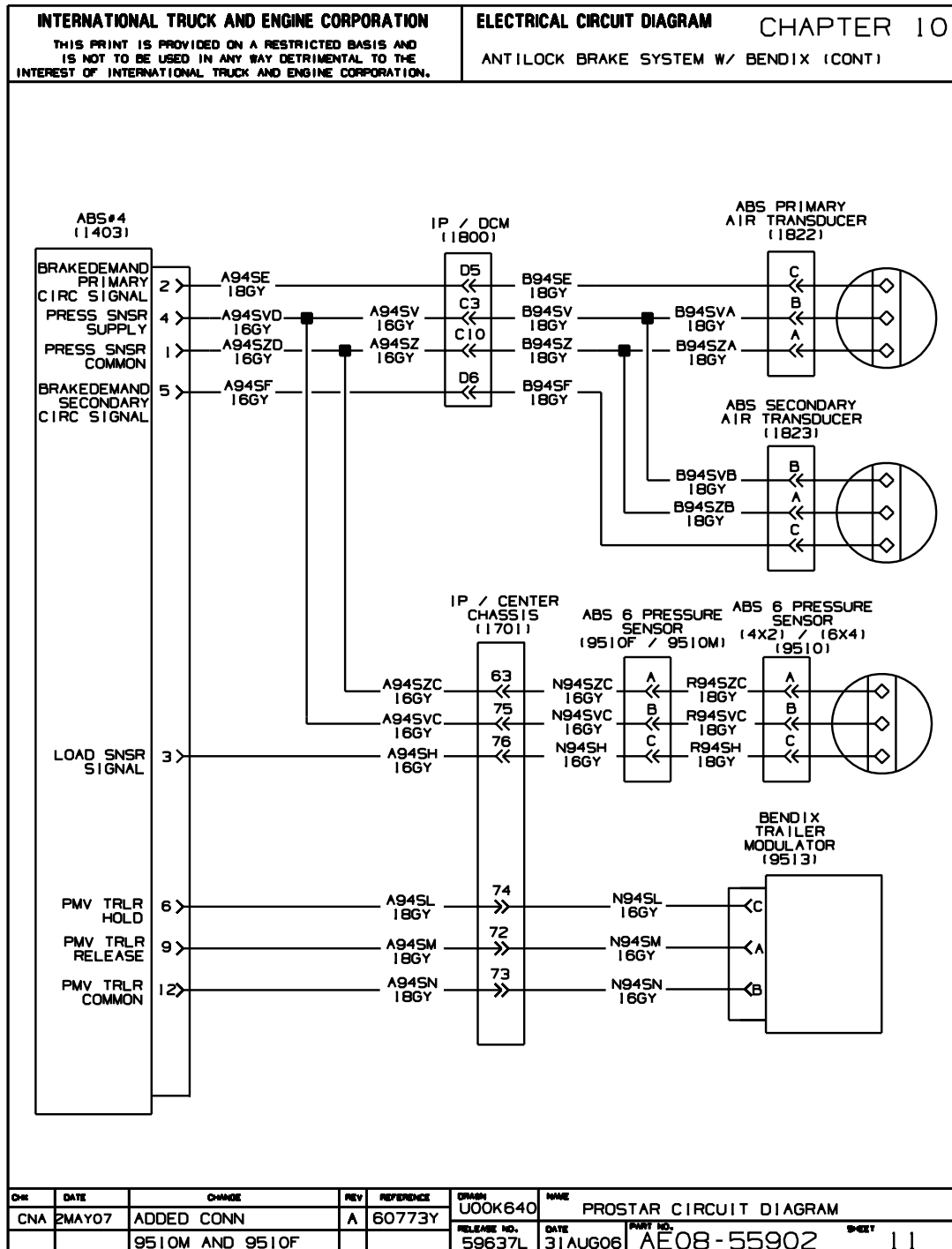


Figure 155 Antilock Brake System W/Bendix

## 10.12. ANTILOCK BRAKE SYSTEM W/BENDIX, P. 12

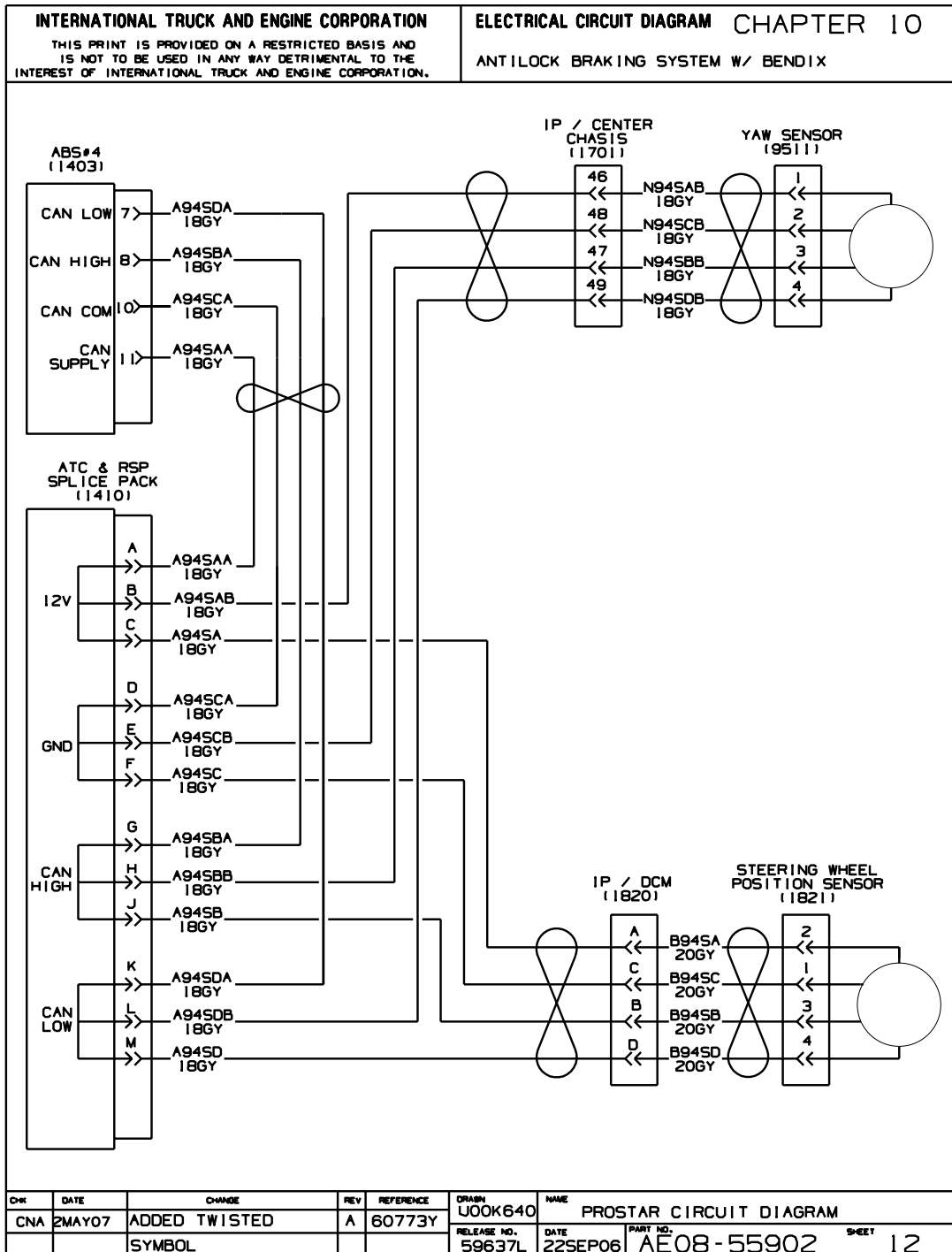


Figure 156 Antilock Brake System W/Bendix

# 10.13. ANTILOCK BRAKE SYSTEM W/WABCO, P. 13

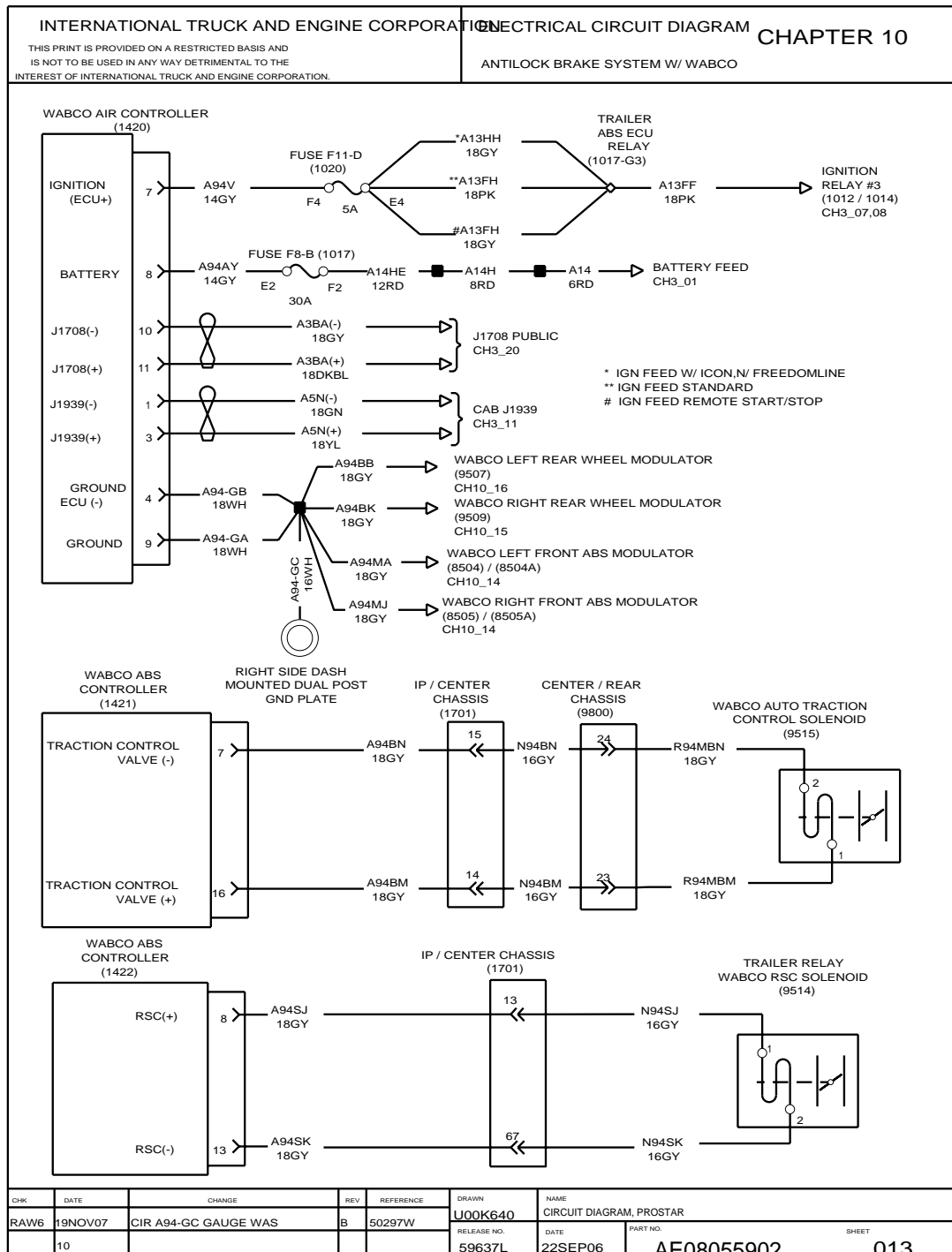


Figure 157 Antilock Brake System W/WABCO

## 10.14. ANTILOCK BRAKE SYSTEM W/WABCO, P. 14

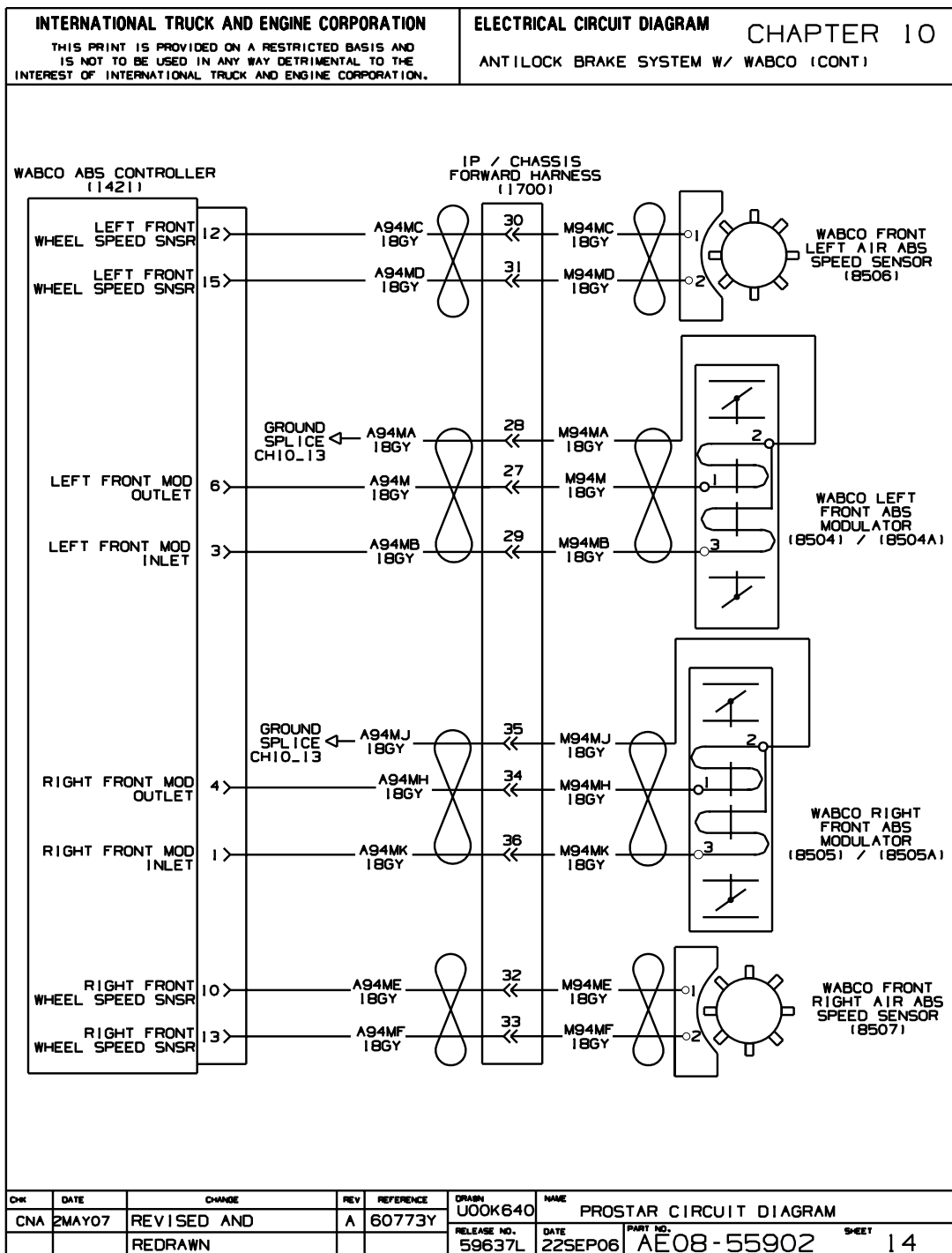


Figure 158 Antilock Brake System W/WABCO

# 10.15. ANTILOCK BRAKE SYSTEM W/WABCO, P. 15

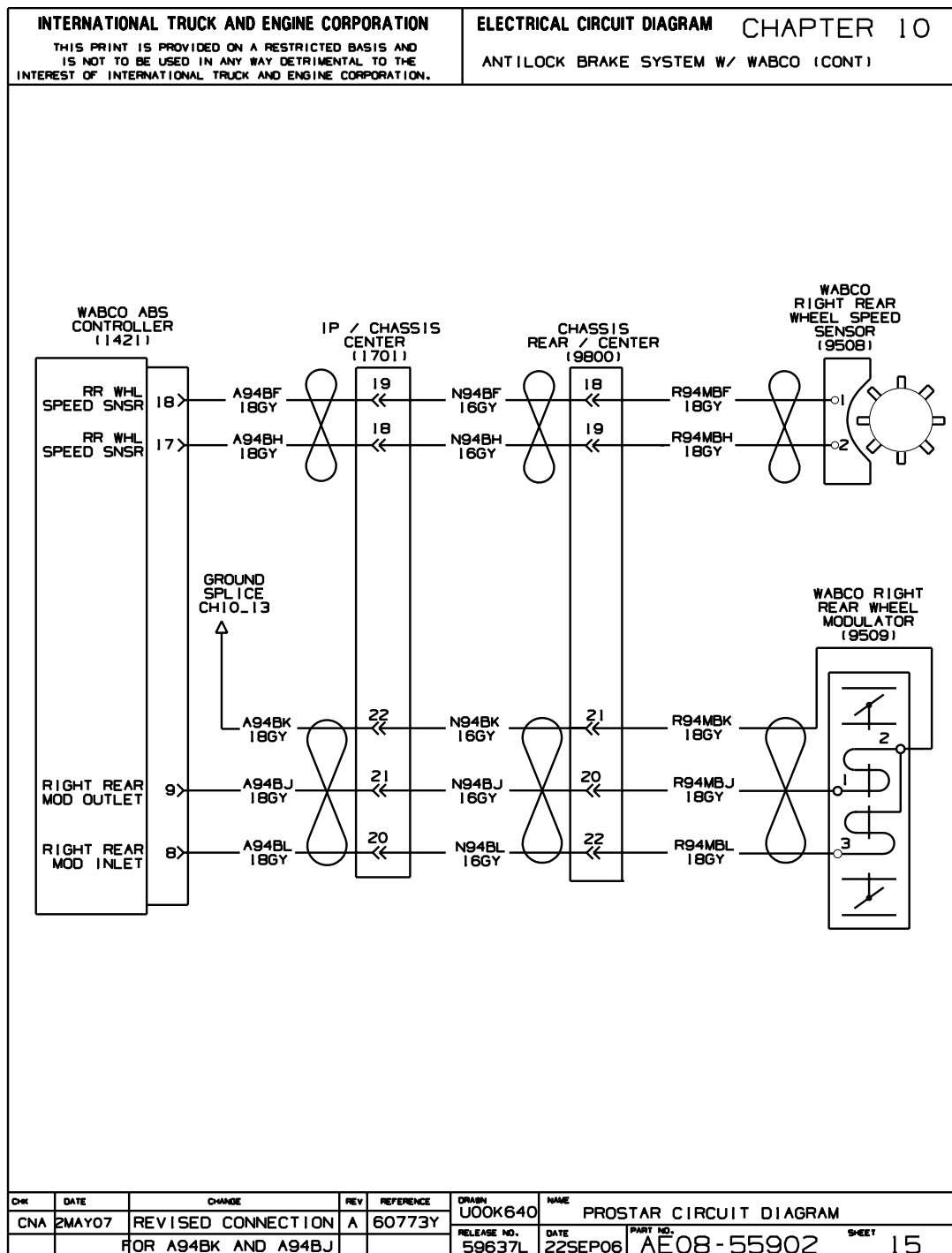


Figure 159 Antilock Brake System W/WABCO

## 10.16. ANTILOCK BRAKE SYSTEM W/WABCO, P. 16

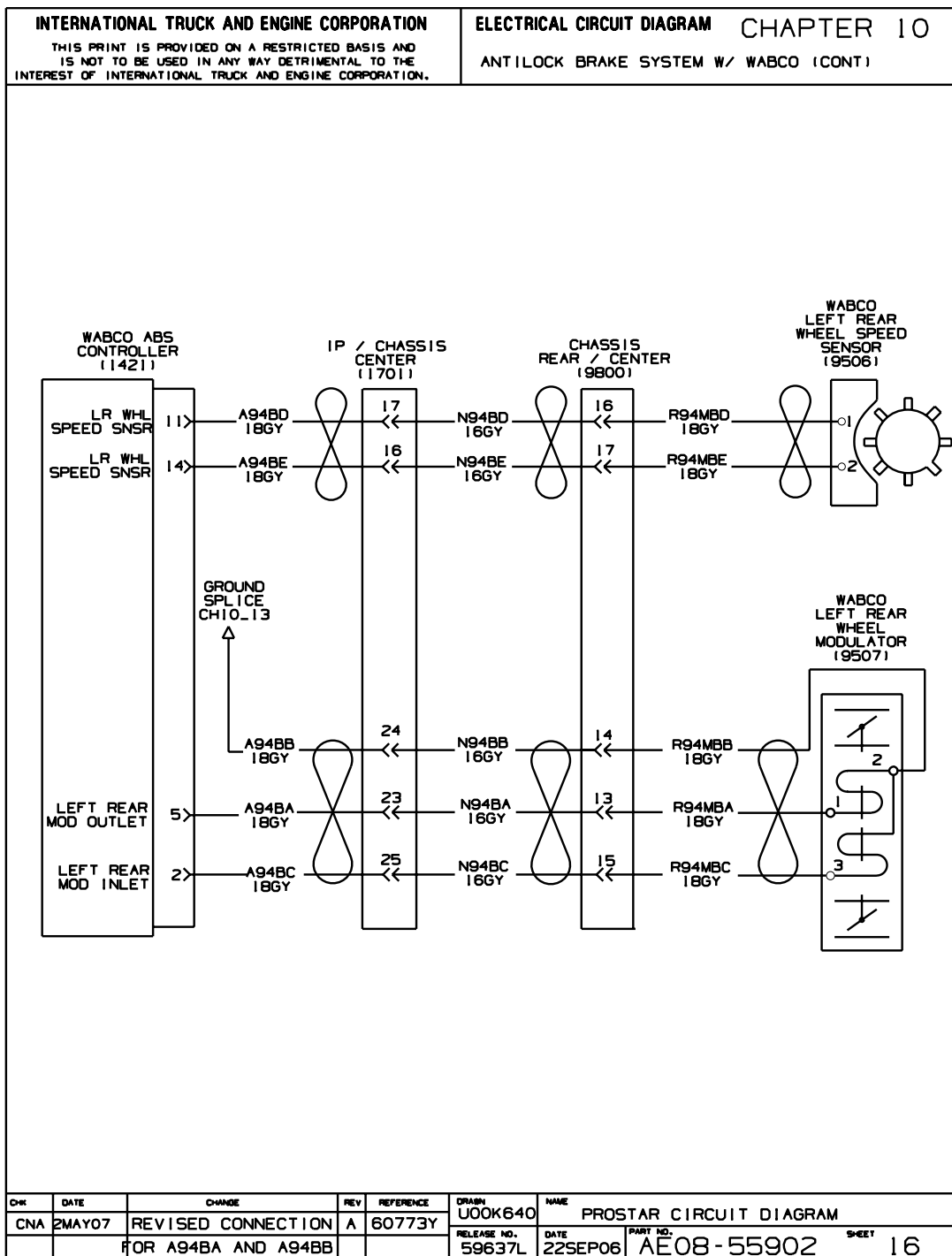


Figure 160 Antilock Brake System W/WABCO

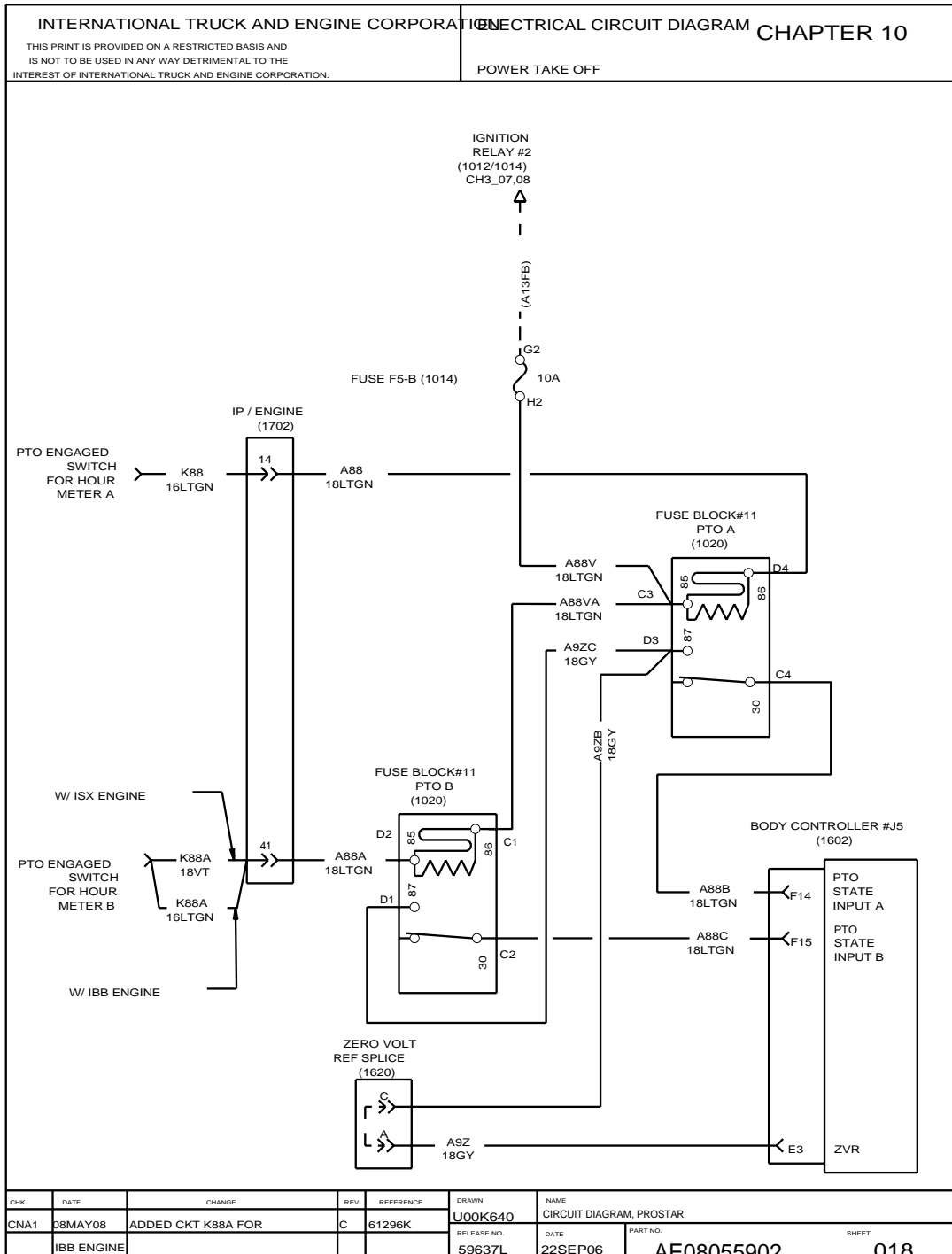


10.17. BLANK PAGE, P. 17

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INTENTIONALLY LEFT BLANK					
<small>CHG</small>	<small>DATE</small>	<small>CHANGE</small>	<small>REV</small>	<small>REFERENCE</small>	<small>DRAWN</small>
CNA	2MAY07	REMOVED WABCO	A	60773Y	U00K640
		CIRCUITS			
				<small>RELEASE NO.</small>	<small>DATE</small>
				59637L	22SEP06
				<small>PART NO.</small>	<small>SHEET</small>
				AE08-55902	17

Figure 161 Blank Page

## 10.18. POWER TAKE OFF, P. 18

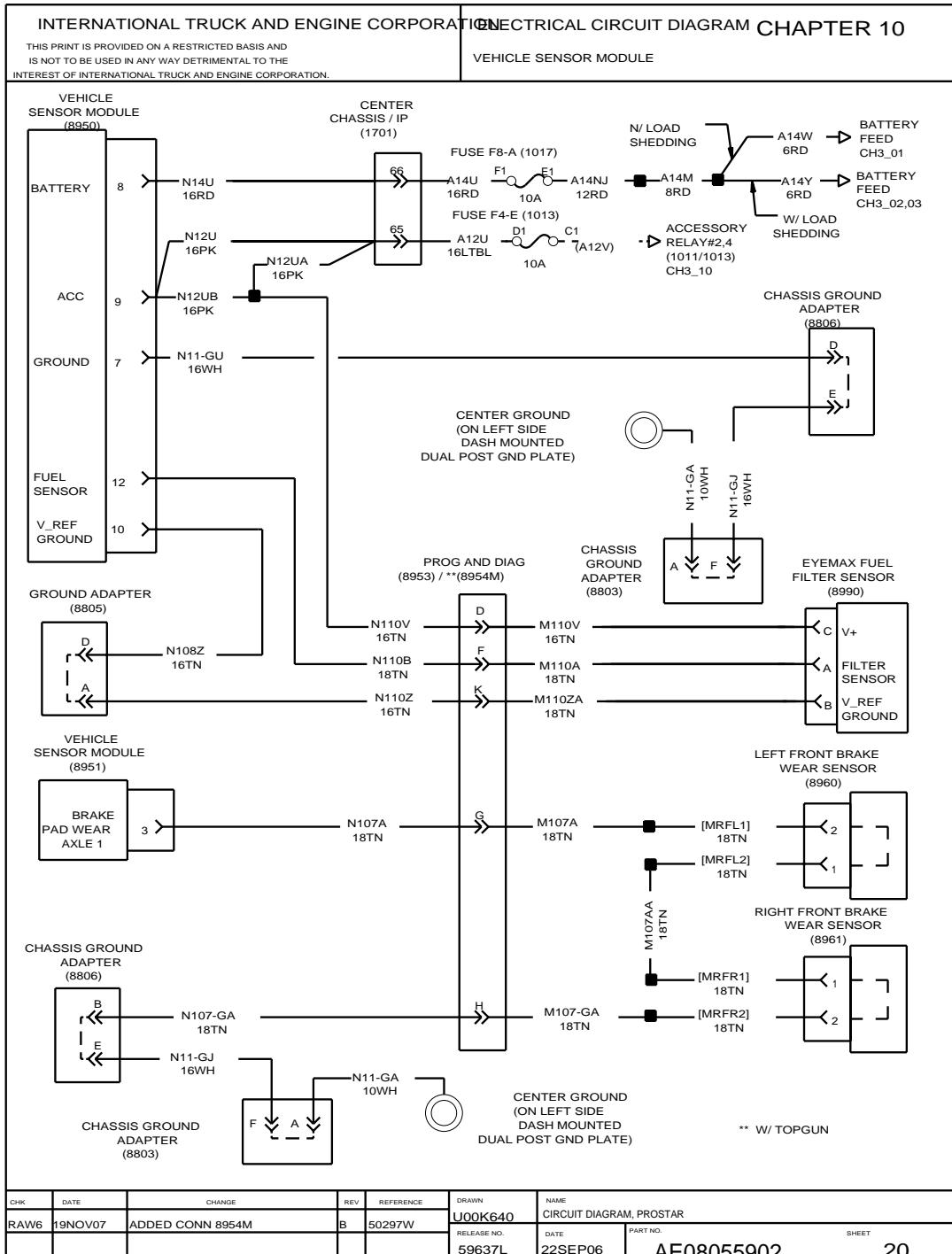


**Figure 162 Power Take Off**

10.19. BLANK PAGE, P. 19

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INTENTIONALLY  LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
RAW6	19NOV07	REMOVED GEOMETRY	B	50297W	U00K640	CIRCUIT DIAGRAM, PROSTAR	
					RELEASE NO.	DATE	PART NO.
					59637L	22SEP06	AE08055902
						SHEET	019

Figure 163 Blank Page



### Figure 165 Vehicle Sensor Module



10.22. BRAKE SENSOR — WEAR/STROKE, P. 22

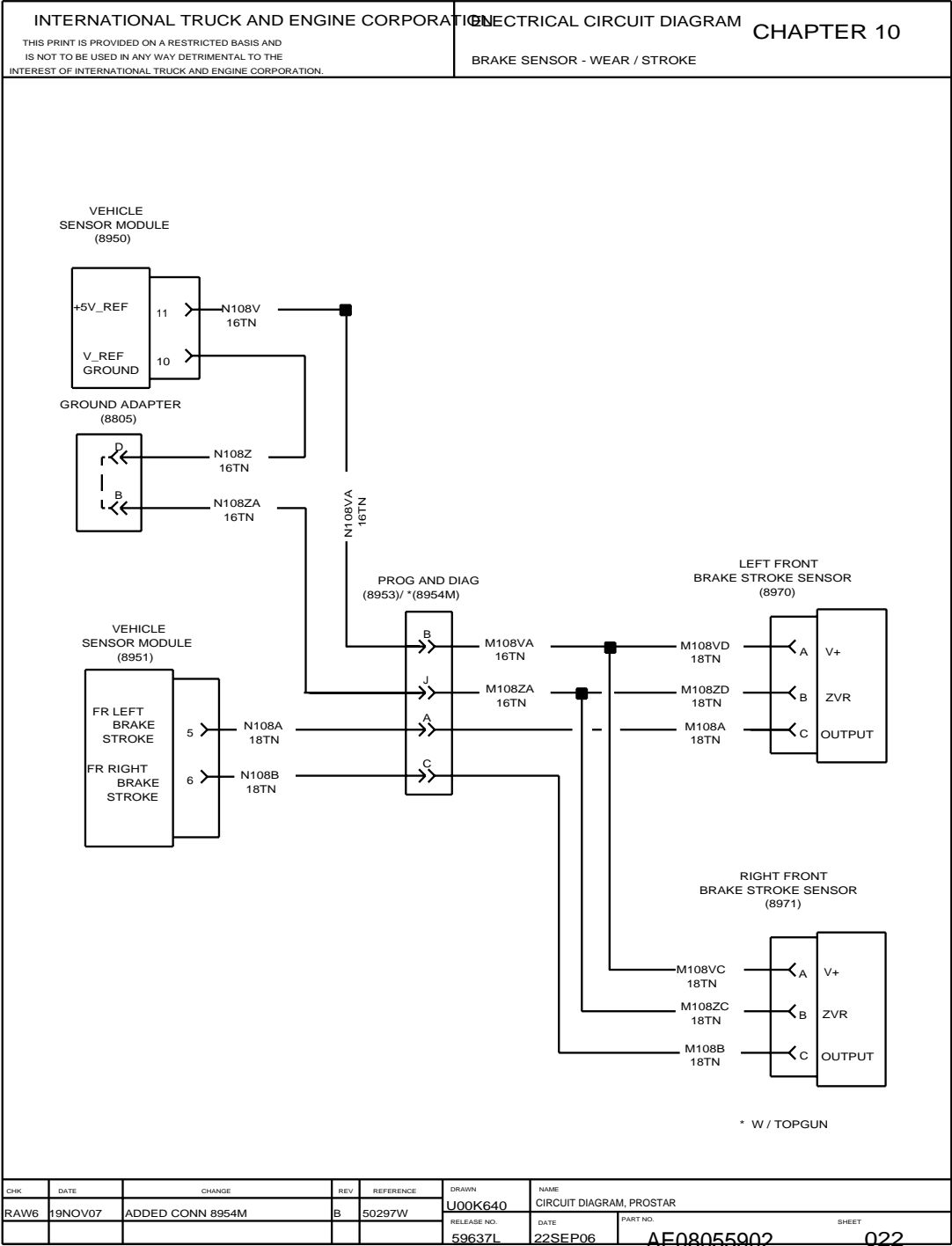


Figure 166 Brake Sensor — Wear/Stroke

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### ELECTRICAL CIRCUIT DIAGRAM

## CHAPTER 10

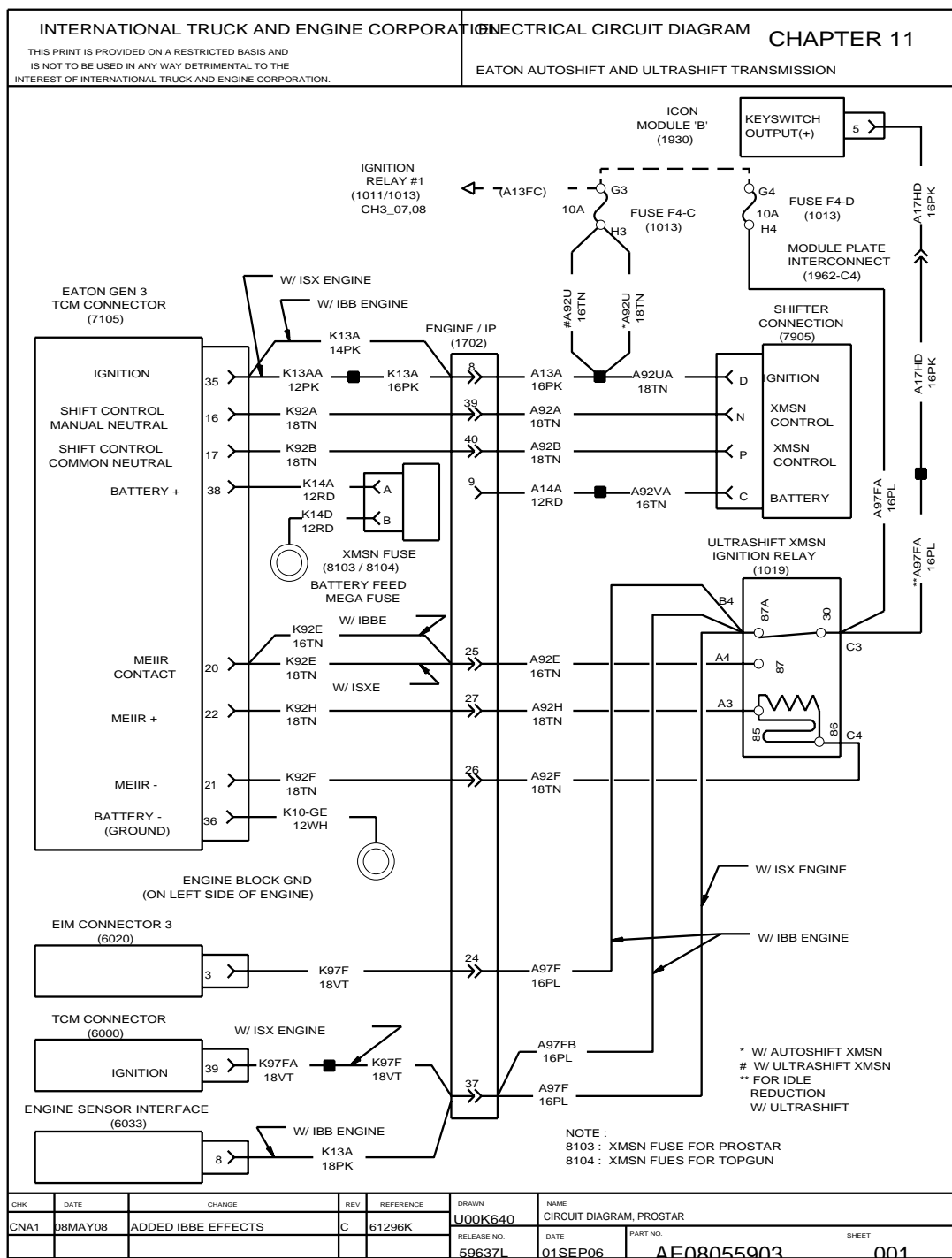
### BRAKE SENSOR - WEAR / STROKE (CONT)

CHG	DATE	CHANGE	REV	REFERENCE	ORIGIN	NAME	PART NO.	SHEET
CNA	2MAY07	REVISED AND REDRAWN	A	60773Y	U00K640	PROSTAR CIRCUIT DIAGRAM	AE08-55902	23
					RELEASE NO. 59637L	DATE 22SEP06		

**Figure 167 Brake Sensor — Wear/Stroke**

## 11. TRANSMISSION CONTROL MODULE (CHAPTER 11)

### 11.1. EATON AUTOSHIFT AND ULTRASHIFT TRANSMISSION, P. 1



**Figure 168 Eaton Autoshift and Ultrashift Transmission**



## 11.2. COLUMN SHIFTER AND MERITOR G TRANSMISSION, P. 2

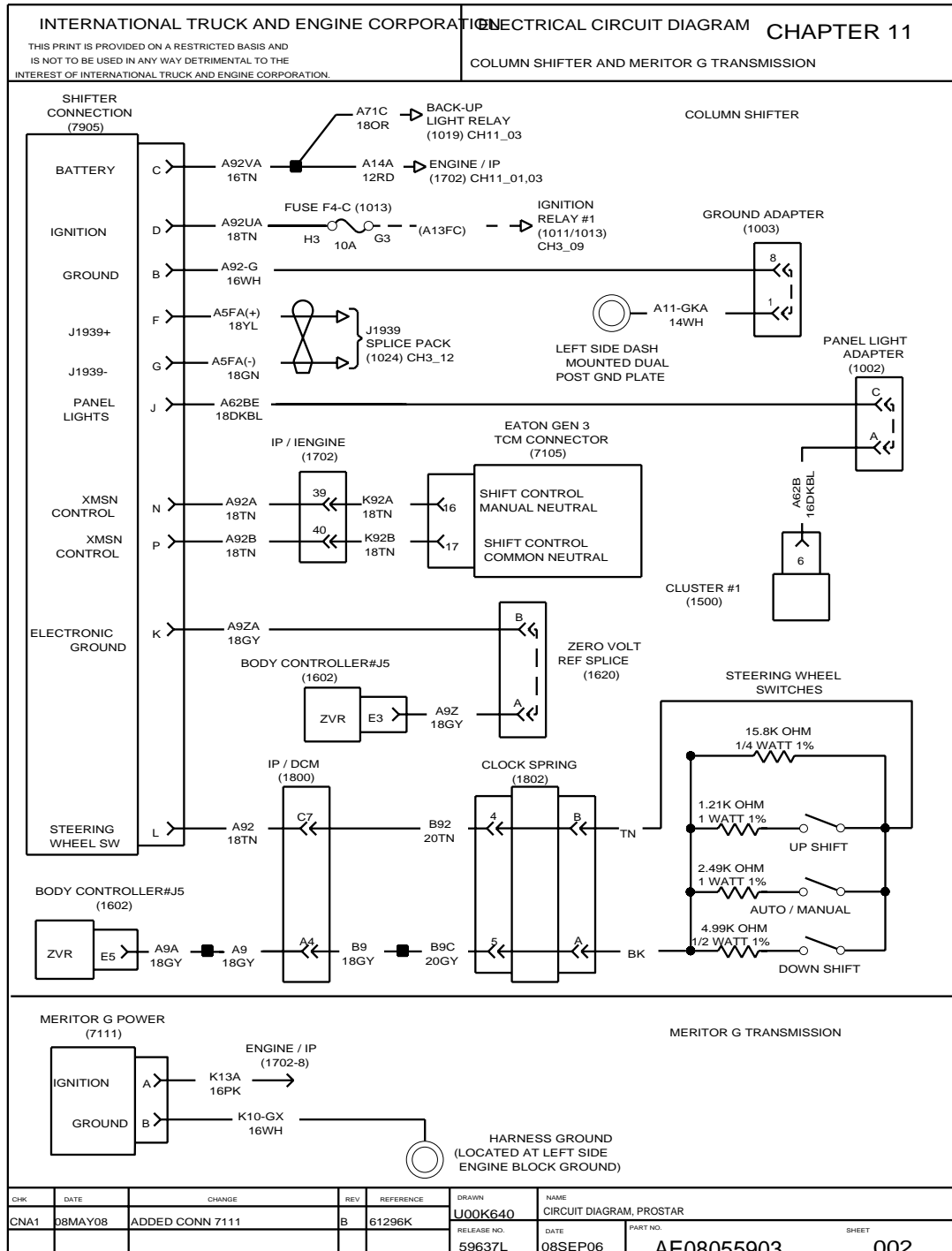
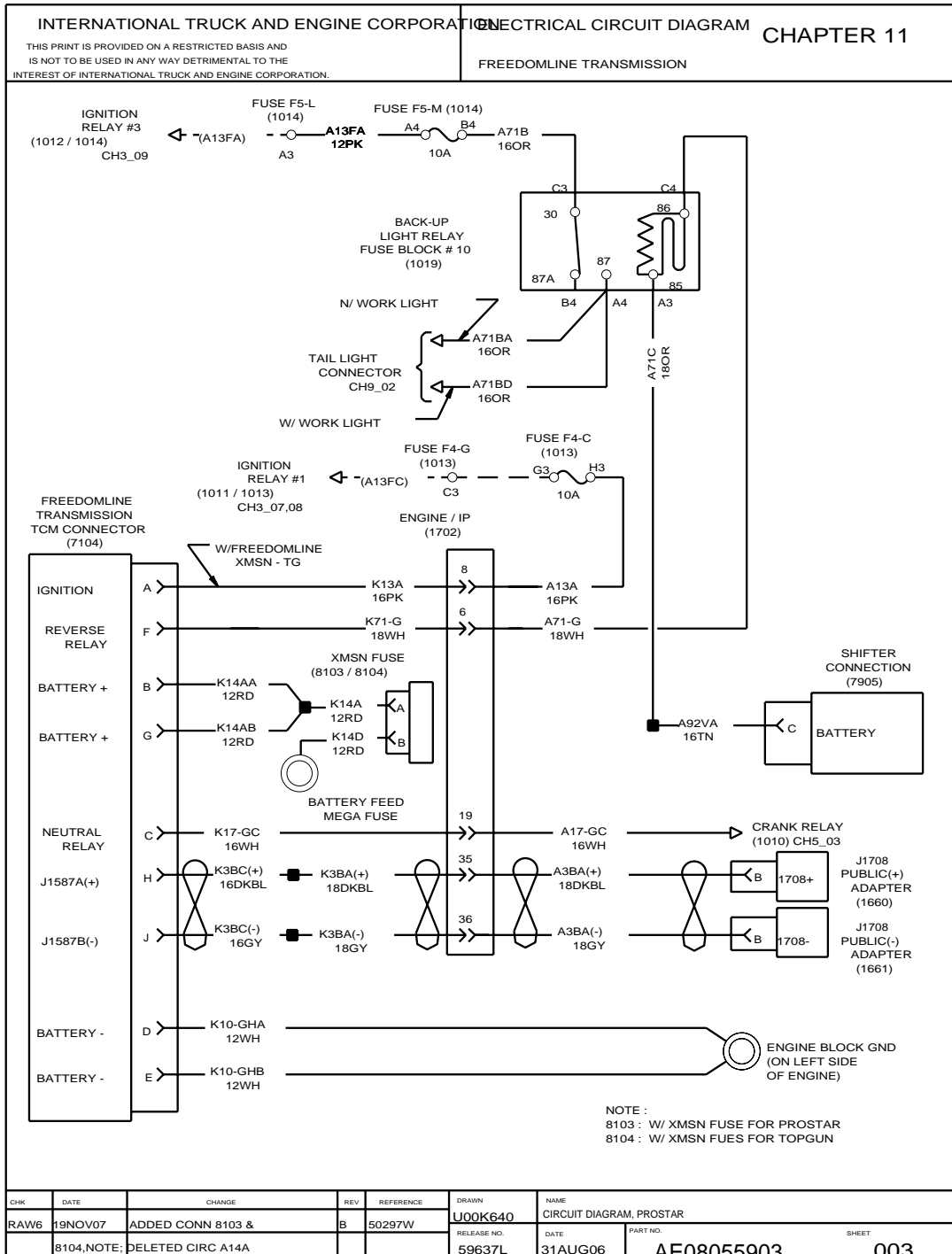


Figure 169 Column Shifter and Meritor G Transmission

### 11.3. FREEDOMLINE TRANSMISSION, P. 3



**Figure 170 Freedomline Transmission**

## 12. HVAC (CHAPTER 12)

### 12.1. AIR CONDITIONING, P. 1

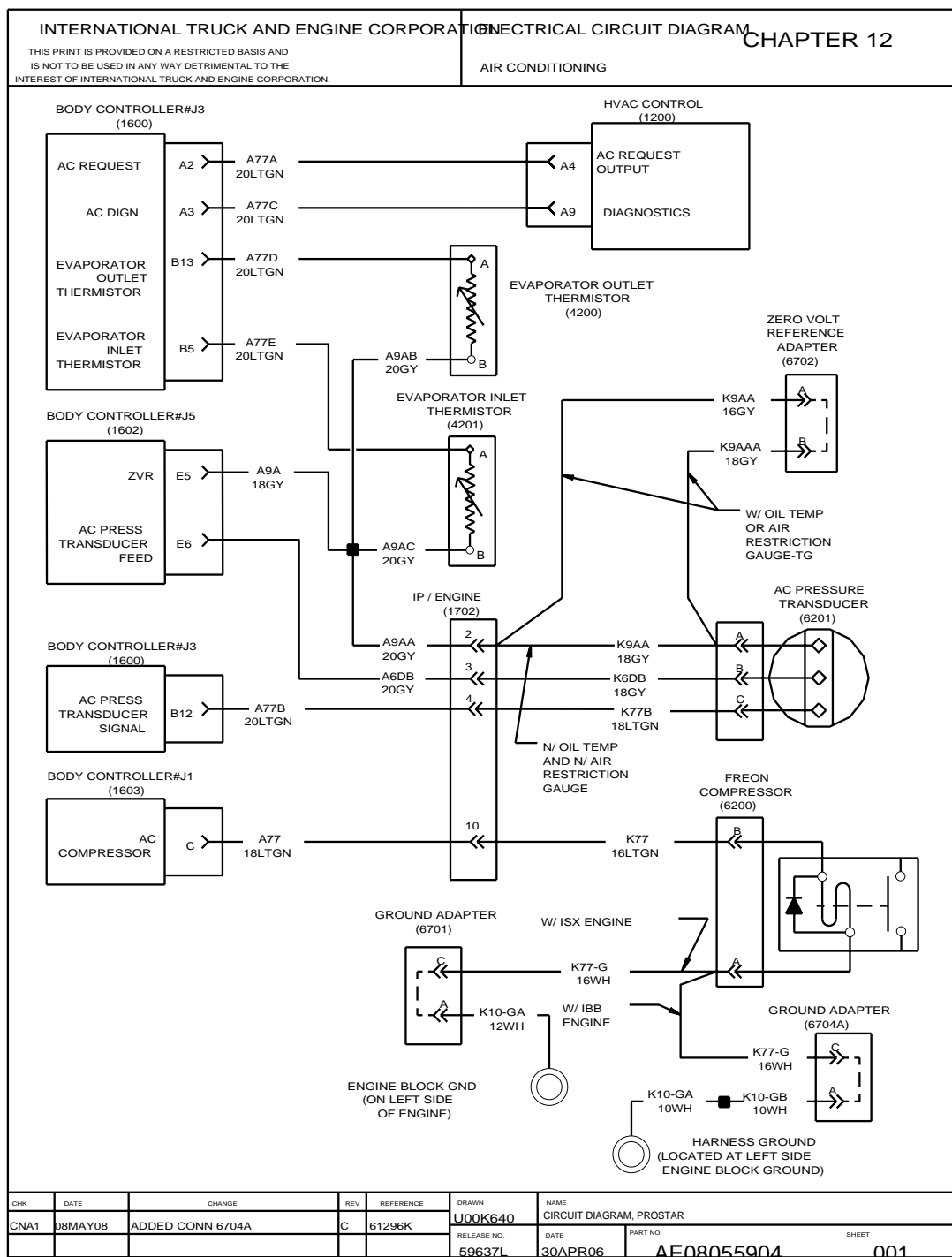


Figure 171 Air Conditioning

12.2. HVAC SYSTEM — CAB, P. 2

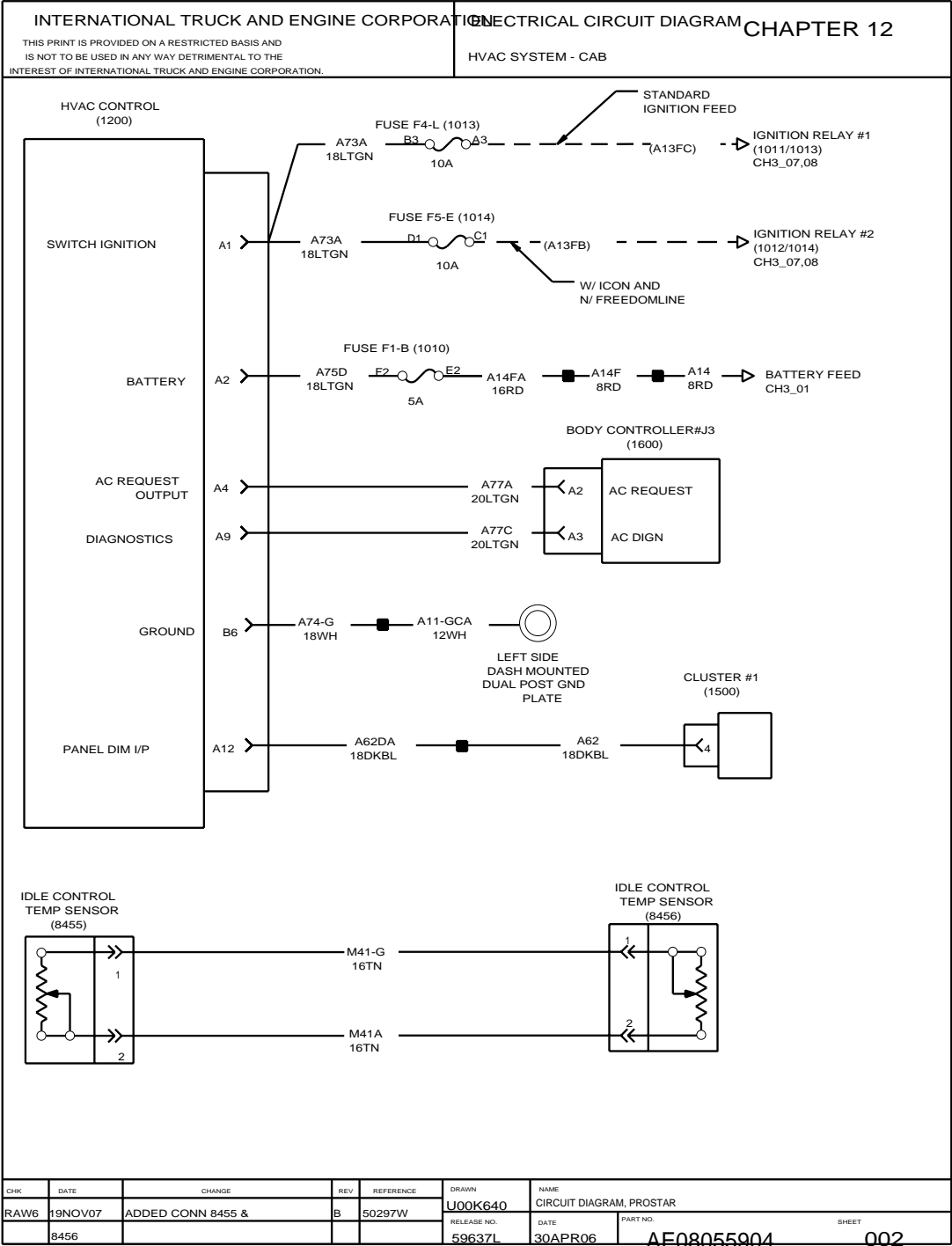


Figure 172 HVAC System — Cab

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12

HVAC SYSTEM - CAB (CONT)

**HVAC CONTROL (1200)**

RECIRC MOTOR B1 → A74D 18LTGN

RECIRC MOTOR B2 → A74E 18LTGN

MODE DOOR MOTOR (+) B9 → A74 18LTGN

MODE DOOR MOTOR (-) B10 → A74A 18LTGN

TEMP SEN MOTOR 1 B11 → A74B 18LTGN

TEMP SEN MOTOR B12 → A74C 18LTGN

BLOWER FAN CONTROL A11 → A75AB 18LTGN

**BATTERY FEED**

CH3\_01 → A14 6RD → A14F 8RD → A14FE 12RD → B4 → A4 30A → A75 12LTGN

**BODY CONTROLLER #J3 (1600)**

BLOWER FAN CONTROL B15 → A75AA 18LTGN → A75A 18LTGN

**RIGHT SIDE DASH MOUNTED DUAL POST GND PLATE**

A75-G 12WH

**IGNITION RELAY #1 (1011/1013)**

CH3\_07.08 → A13FC 12PK → A4 10A → B4

**FUSE F6-A (1015)**

**FUSE F4-L (1013)**

**FUSE F4-M (1013)**

**HVAC UNIT CONNECTION (1210)**

**BLOWER HOUSING ASSEMBLY**

**RECIRCULATION ACTUATOR (4202)**

**MODE ACTUATOR**

**TEMP ACTUATOR**

**BLOWER MOTOR**

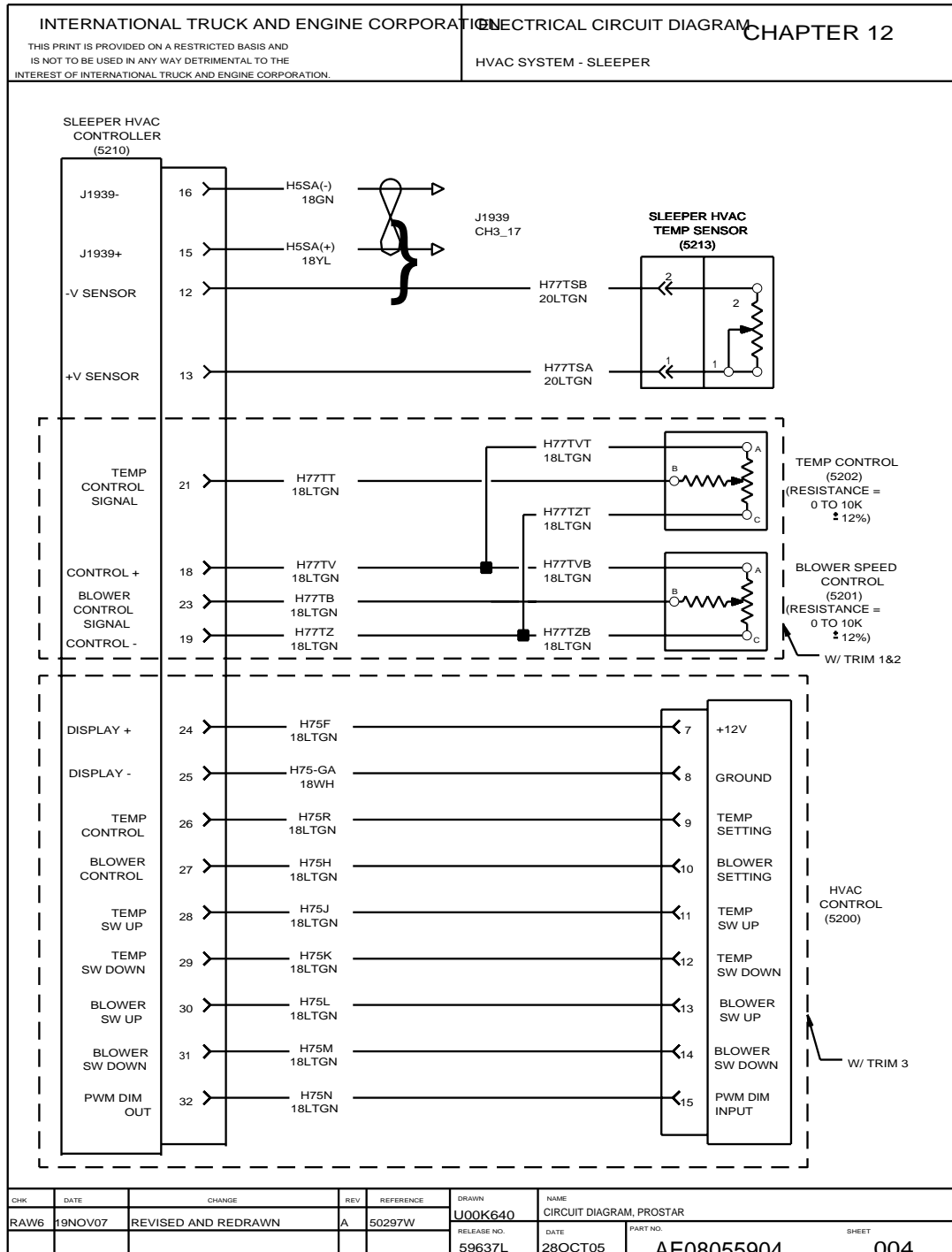
**1 2 3 4 5 6**

**1 PM**

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
RAW6	19NOV07	REVISED AND REDRAWN	B	50297W	U00K640	CIRCUIT DIAGRAM, PROSTAR
					RELEASE NO.	PART NO.
					59637L	AE08055004
					DATE	SHEET
					30APR06	003

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## 12.4. HVAC SYSTEM — SLEEPER, P. 4



**Figure 174 HVAC System — Sleeper**

## 12.5. HVAC SYSTEM — SLEEPER, P. 5

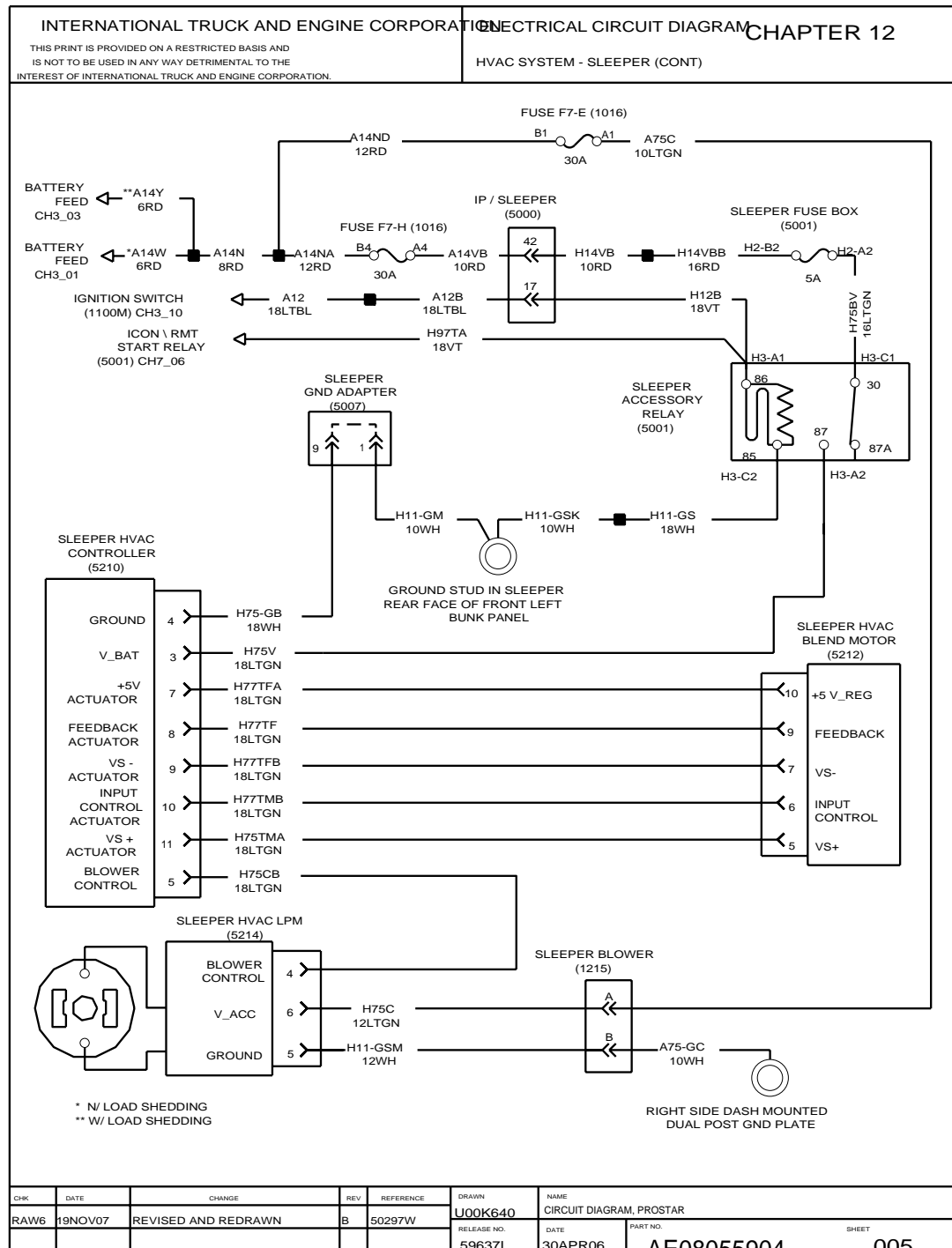


Figure 175 HVAC System — Sleeper

## 12.6. AIR CONDITIONING WITH NO IDLE HEAT, P. 6

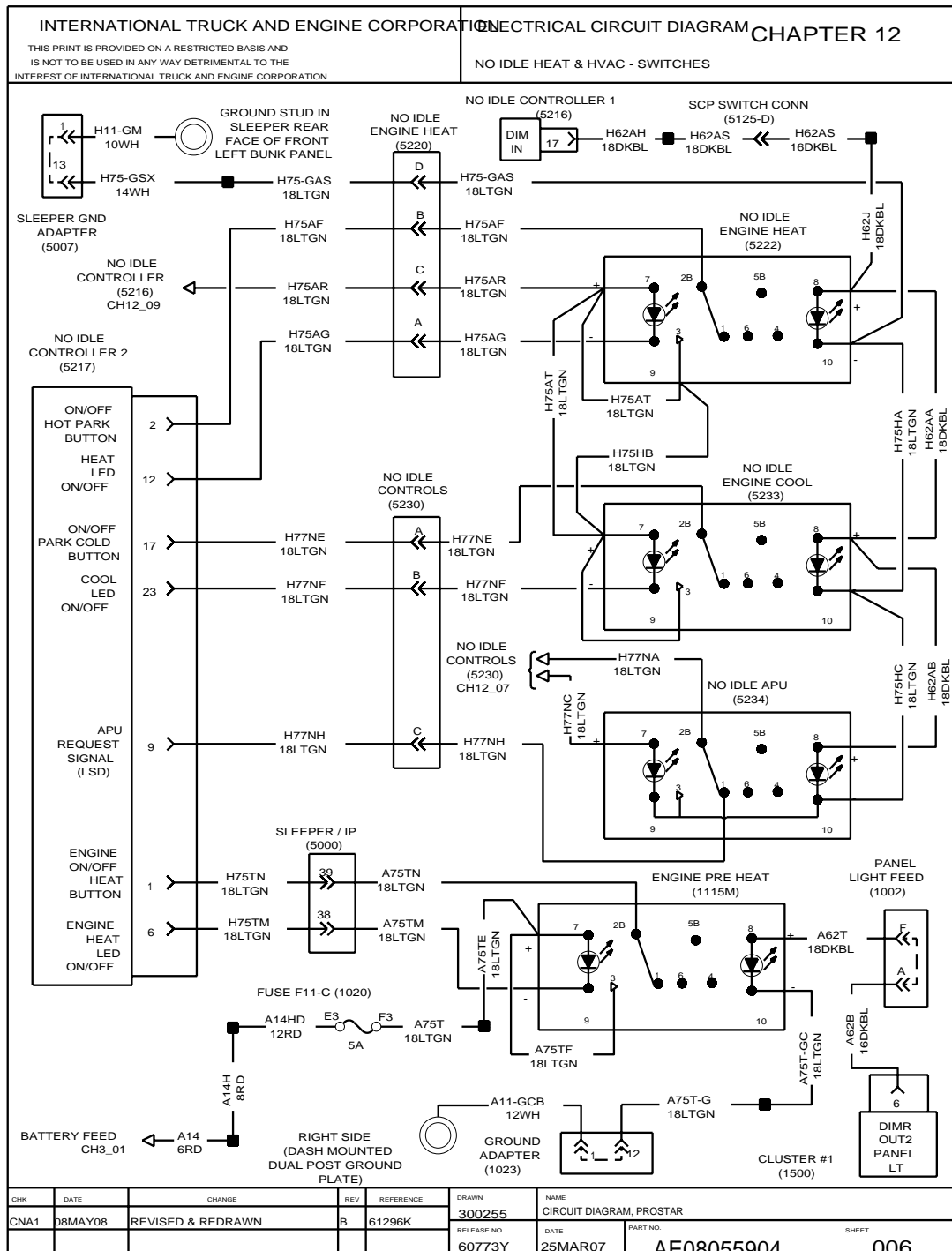


Figure 176 Air Conditioning with No Idle Heat



## 12.7. HVAC SYSTEM WITH NO IDLE HEAT — CAB, P. 7

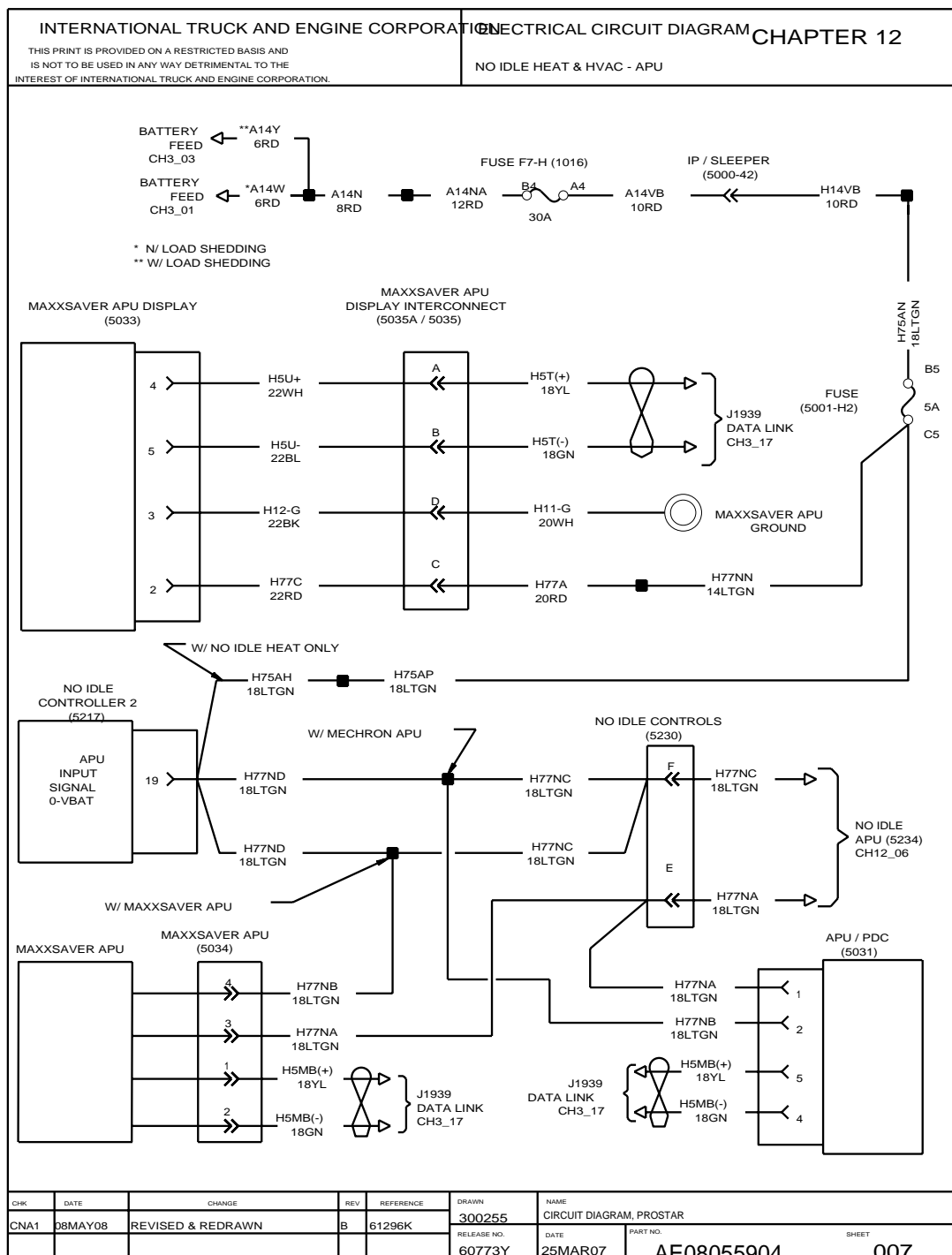


Figure 177 HVAC System with No Idle Heat — Cab

12.8. HVAC SYSTEM WITH NO IDLE HEAT — SLEEPER, P. 8

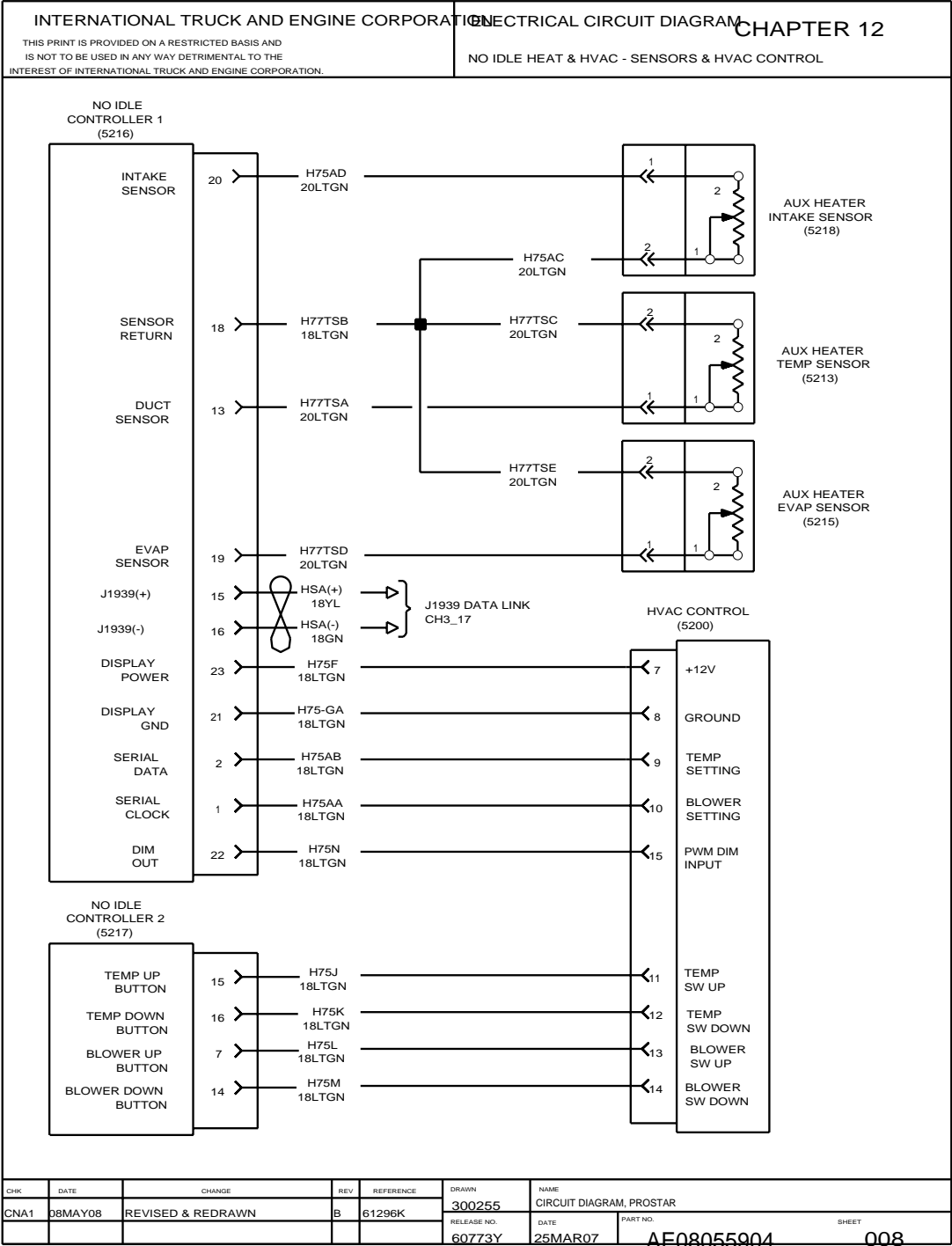


Figure 178 HVAC System with No Idle Heat — Sleeper

## 12.9. NO IDLE HEAT AND HVAC — POWER SUPPLY, P. 9

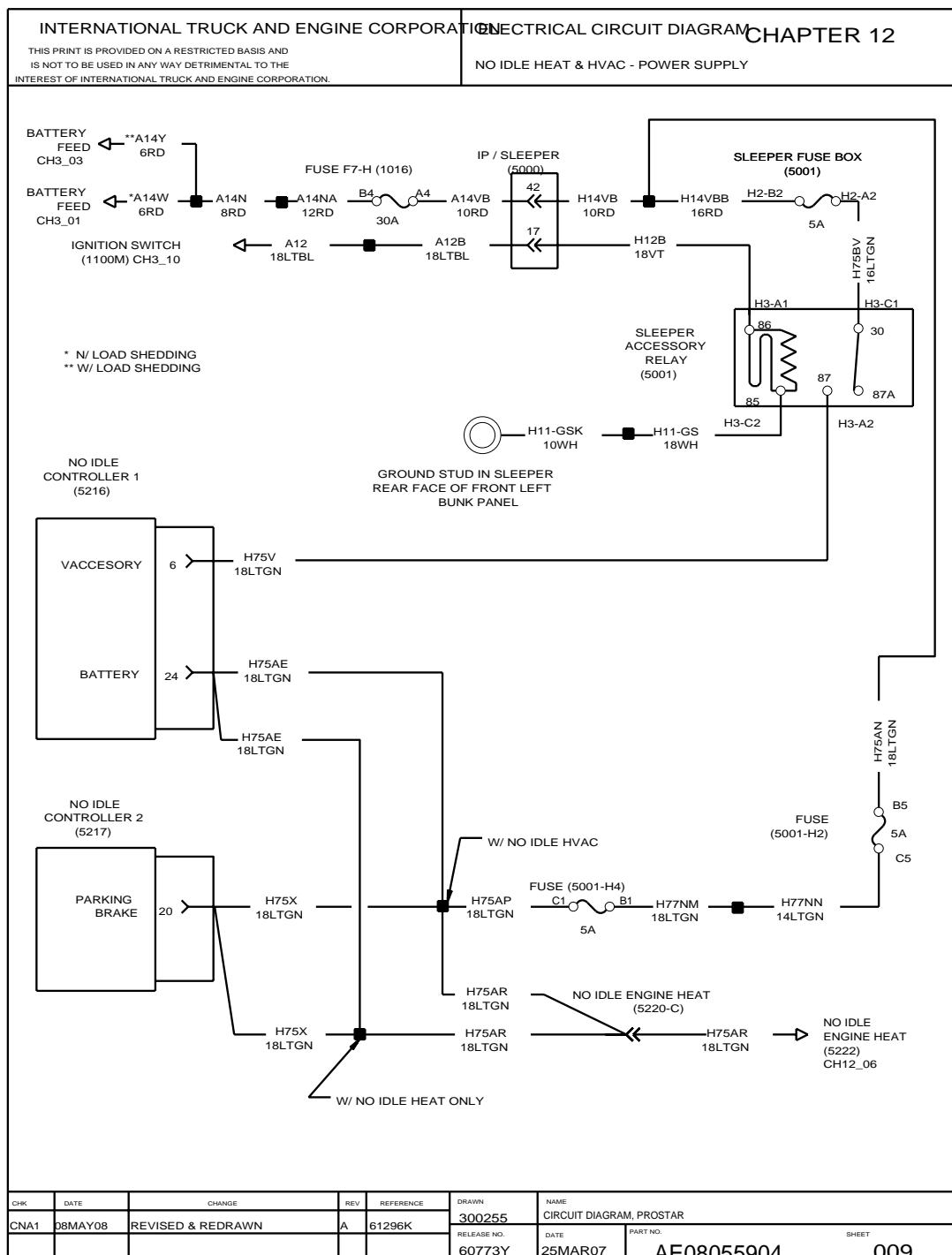


Figure 179 No Idle Heat and HVAC — Power Supply

INTERNATIONAL TRUCK AND ENGINE CORPORATION

ON ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 12

NO IDLE HEAT & HVAC - HEAT VALVE, LPM & BLEND MOTOR

NO IDLE CONTROLLER 2 (5217)

HEATER VALVE B (LSD)

10

H75TL 18LTGN

SLEEPER / IP (5000-30)

A75TL 18LTGN

PARKED HEAT VALVE 1B (4204)

A75T-GB 18LTGN

BATTERY FEED CH3\_01

A14H 6RD

A14H 8RD

A14HD 12RD

NO IDLE HEAT CONTROL (1017)

NO IDLE HEAT - VALVE # 1B RELAY (1018)

85

86

87

87A

30

F1

G1

F2

A75TD 18LTGN

A75TR 18LTGN

A75T-GB 18LTGN

FUSE F11-C (1020)

F3

E3

5A

BATTERY FEED CH3\_01

BATTERY FEED CH3\_03

A14W 6RD

A14Y 6RD

A14N 8RD

A14ND 12RD

NO IDLE CONTROLLER 1 (5216)

BLOWER OUTPUT CONTROL

5

H75CB 18LTGN

SLEEPER HVAC LPM (5214)

DC INPUT

V\_ACC

GROUND

4

6

5

H75C 12LTGN

H11-GSM 12WH

AUX HEATER / SLEEPER BLOWER (5009/1215)

A

B

A75C 10LTGN

A75-GC 10WH

FUSE F7-E (1016)

A1

B1

30A

RIGHT SIDE DASH MOUNTED DUAL POST GROUND PLATE

GROUND ADAPTER (1023)

12

1

A11-GCB 12WH

RIGHT SIDE DASH MOUNTED DUAL POST GND PLATE

5 VOLT EXTERNAL REF.

7

H77TFA 18LTGN

ACTUATOR FEEDBACK

8

H77TF 18LTGN

VS- ACTUATOR

9

H77TFB 18LTGN

ACTUATOR CONTROL SIGNAL

10

H77TMB 18LTGN

VS+ ACTUATOR

11

H75TMA 18LTGN

+5 V\_REG

10

FEEDBACK

9

VS-

7

INPUT CONTROL

6

VS+

5

SLEEPER HVAC BLEND MOTOR (5212)

\* N/ LOAD SHEDDING

\*\* W/ LOAD SHEDDING

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	PART NO.	SHEET
CNA1	08MAY08	INITIAL RELEASE	A	61296K	380061	CIRCUIT DIAGRAM, PROSTAR		
				RELEASE NO.	DATE			
				61296K	16APR08	AE08055904		010

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**ON ELECTRICAL CIRCUIT DIAGRAM**

**CHAPTER 12**

**NO IDLE HEAT & HVAC - FUEL FIRED HEATER & A/C COMPRESSOR**

**BATTERY FEED CH3\_03** ← \*\*A14Y 6RD

**BATTERY FEED CH3\_01** ← \*A14W 6RD

**NO IDLE ENGINE HEAT (5222) CH12\_06** ← H75-GAS 18LTGN

**NO IDLE ENGINE HEAT (5220-D)** → H75-GAS 18LTGN

**NO IDLE CONTROLLER 1 (5216)**

**GROUND** 4 → H75-GB 18LTGN

**CONDENSOR ON/OFF RELAY LSD** 12 → H77NJ 18LTGN

**NO IDLE CONTROLLER 2 (5217)**

**CHS ON/OFF CONTROL** 22 → H75AJ 18LTGN

**COMPRESSOR ON / OFF (HSD) HIGH PRESS SWITCH** 11 → H77NR 18LTGN

**18** → H77NS 18LTGN

**SLEEPER GND ADAPTER (5007)** 13 → H75-GSX 14WH

**9** → H77NT 14LTGN

**1** → H11-GM 10WH

**BATTERY FEED CH3\_01** → \*A14W 6RD

**BATTERY FEED CH3\_03** → \*\*A14Y 6RD

**IP / SLEEPER (5000-1)** → A14VA 10RD

**FUSE F7-A (1016)** 30A

**CHS MODULE (FUEL FIRED HEATER) (5219)**

**FUSE (5001-H1)** 15A

**SLEEPER ACCESSORY RELAY (5001)**

**NO IDLE EXTERNAL MODULE (A/C COMPRESSOR) (5232)**

**FUSE F7-H (1016)** 30A

**IP / SLEEPER (5000-42)**

**FUSE (5001-H2)**

**GROUND STUD IN SLEEPER REAR FACE OF FRONT LEFT BUNK PANEL**

\* N/ LOAD SHEDDING  
\*\* W/ LOAD SHEDDING

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	08MAY08	INITIAL RELEASE	A	61296K	380061	CIRCUIT DIAGRAM, PROSTAR
				61296K	16APR08	

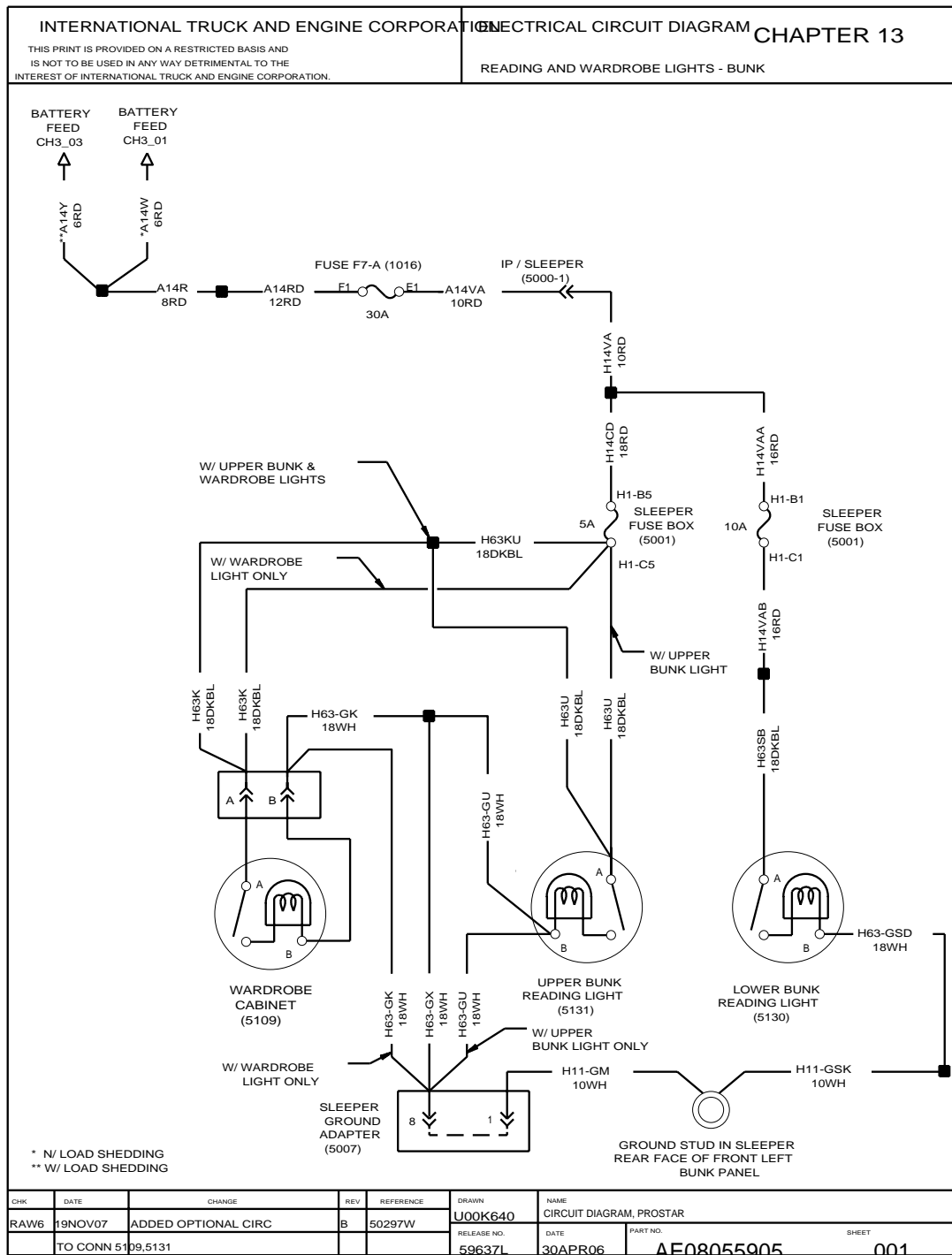
PART NO. **A508055004**

SHEET **011**

**Figure 181 No Idle Heat and HVAC — Fuel Fired Heater and A/C Compressor**

## 13. BUNK LIGHTS AND ACCESSORIES (CHAPTER 13)

### 13.1. READING AND WARDROBE LIGHTS — BUNK, P. 1



**Figure 182 Reading and Wardrobe Lights — Bunk**



13.3. POWER SOURCE — BUNK, P. 3

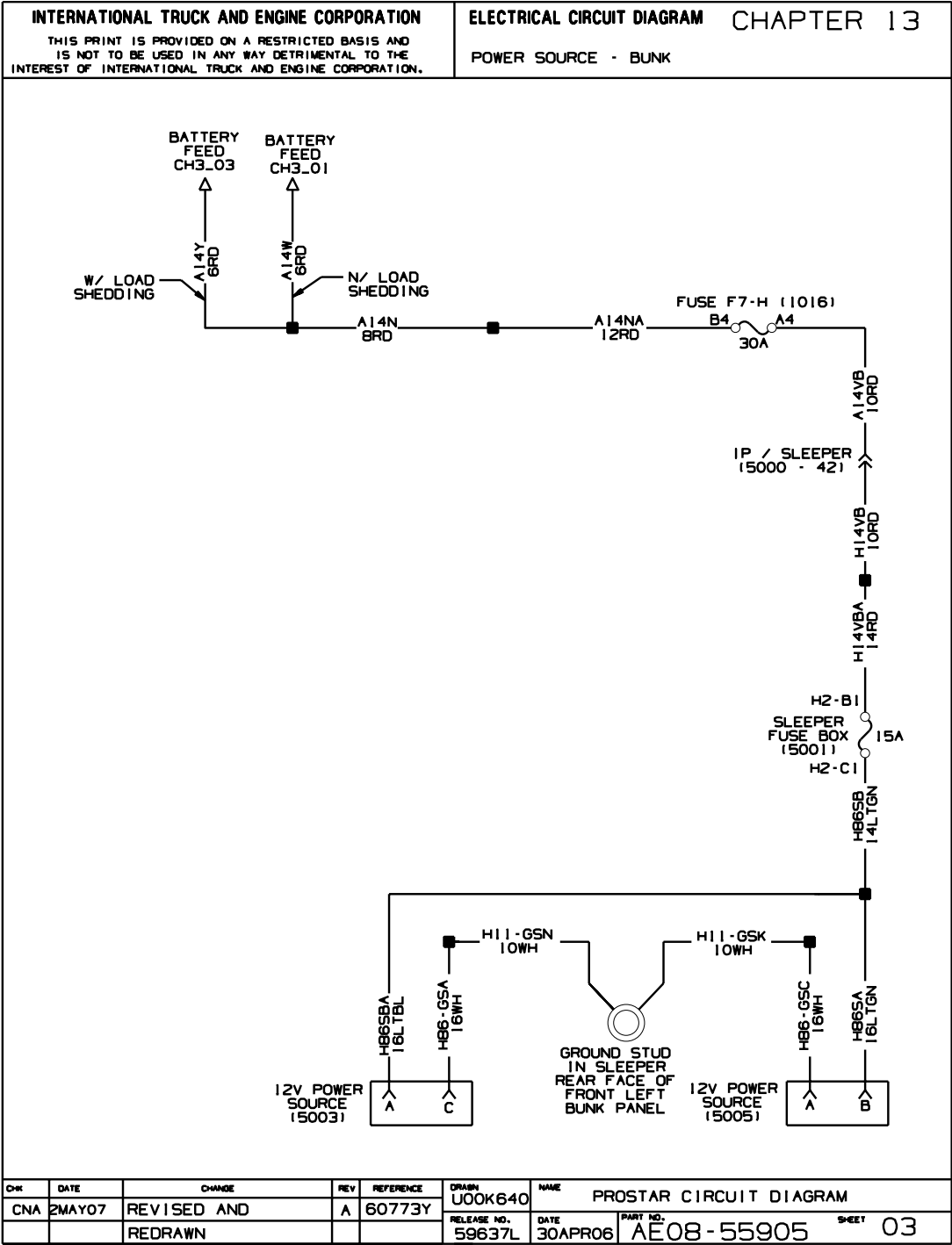


Figure 184 Power Source — Bunk



# 13.4. TV / REFRIGERATOR WIRING, P. 4

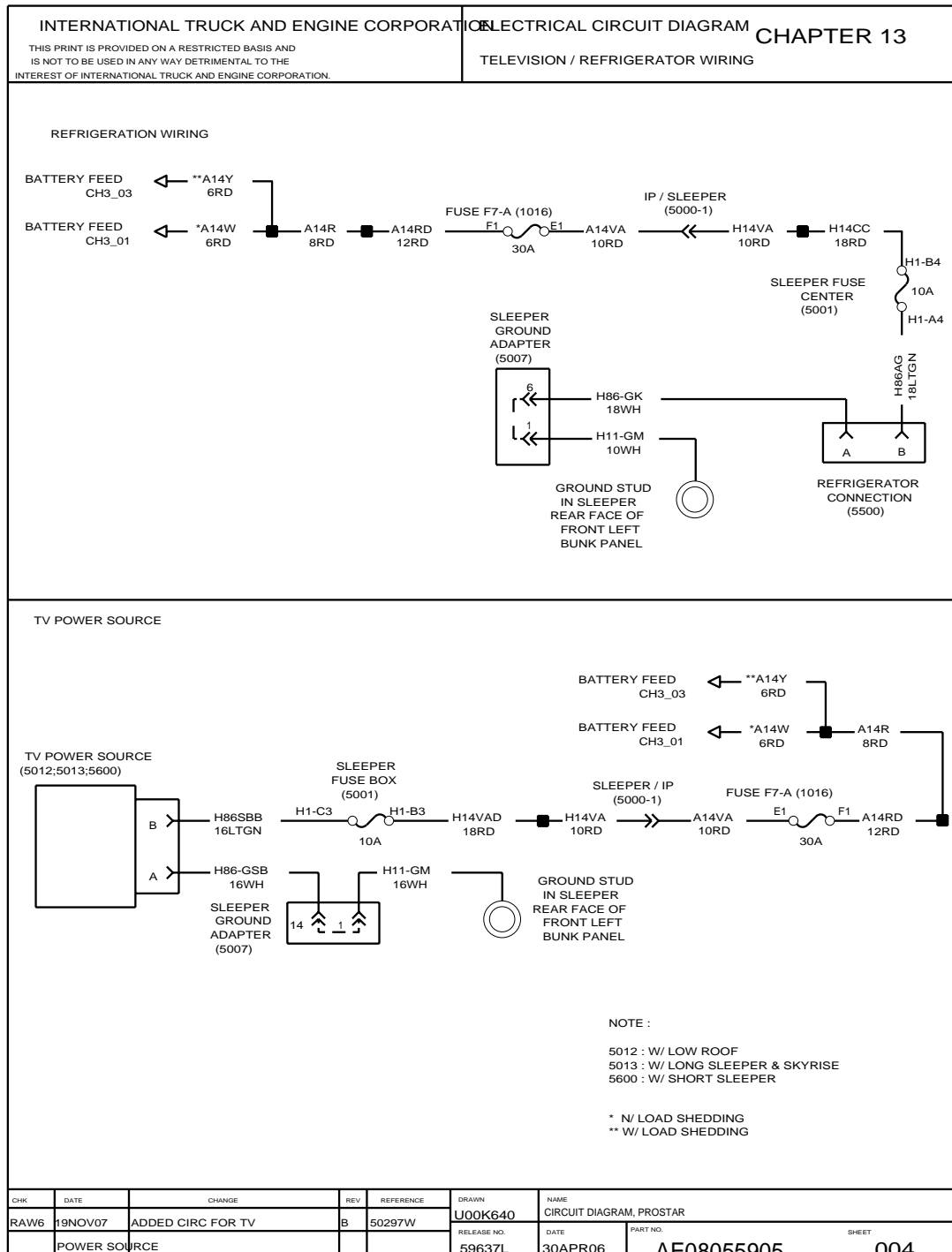


Figure 185 TV / Refrigerator Wiring

13.5. SPEAKER — BUNK, P. 5

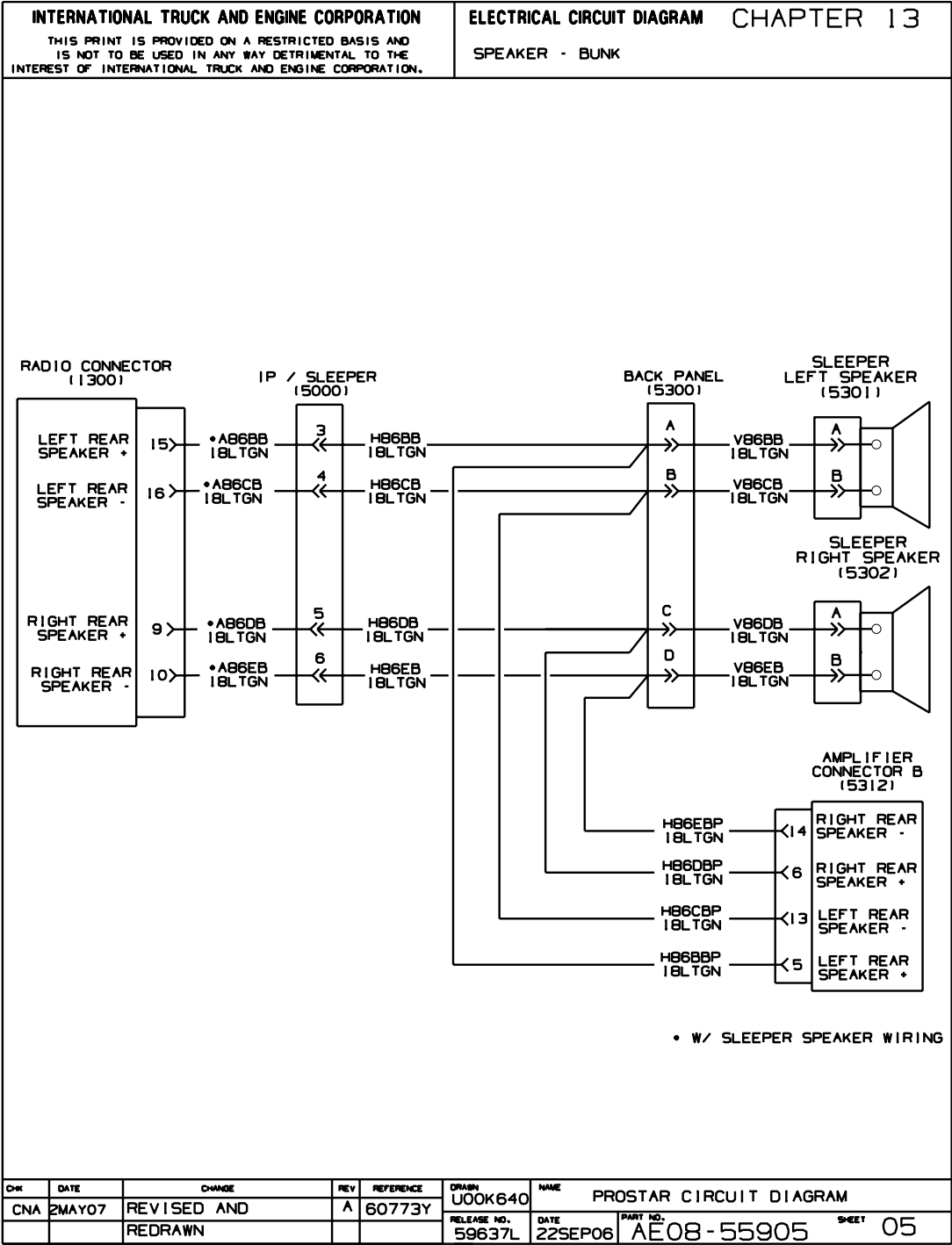


Figure 186 Speaker — Bunk

### 13.6. FAN — BUNK, P. 6

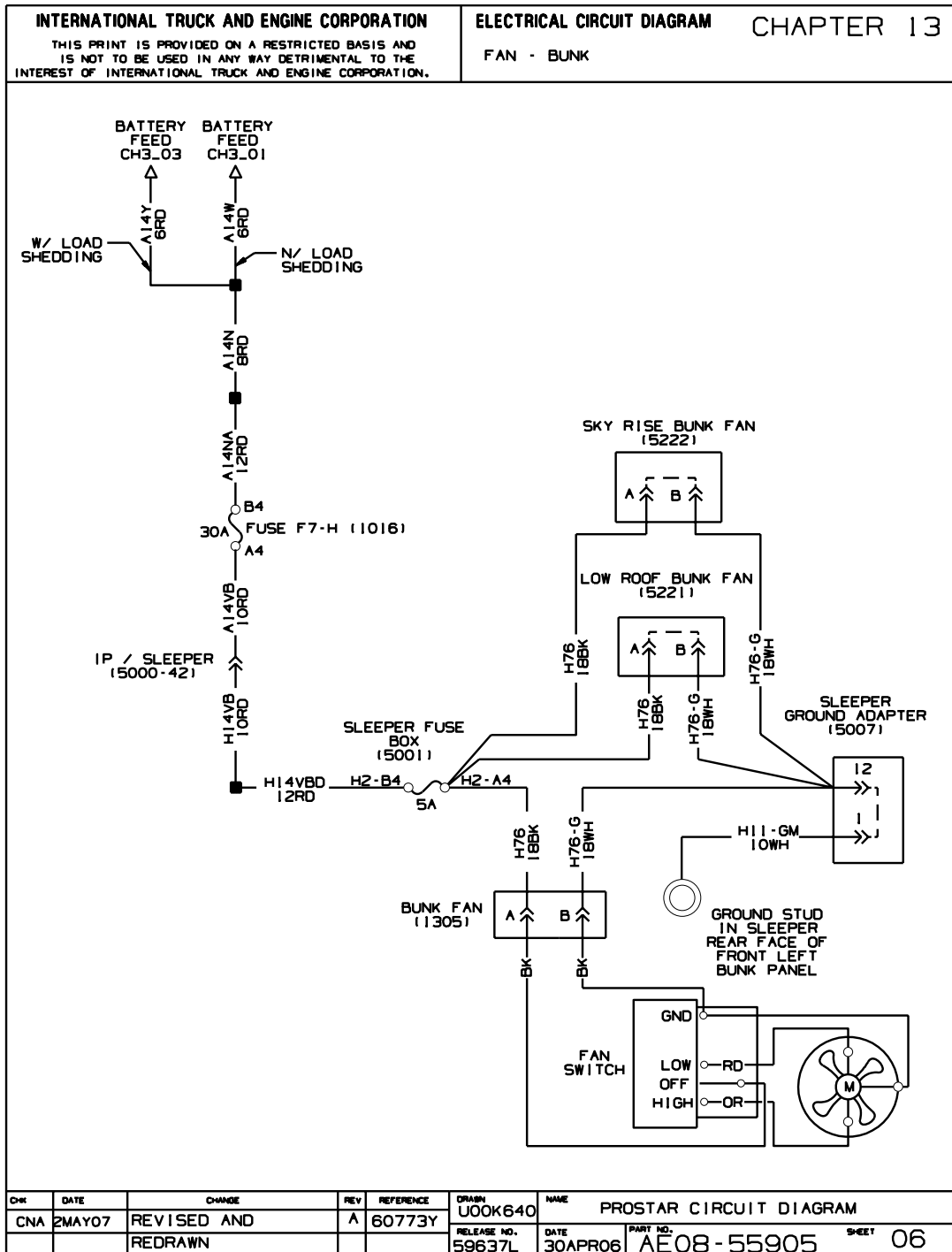


Figure 187 Fan — Bunk

## 13.7. SKY RISE LIGHTS — BUNK, P. 7

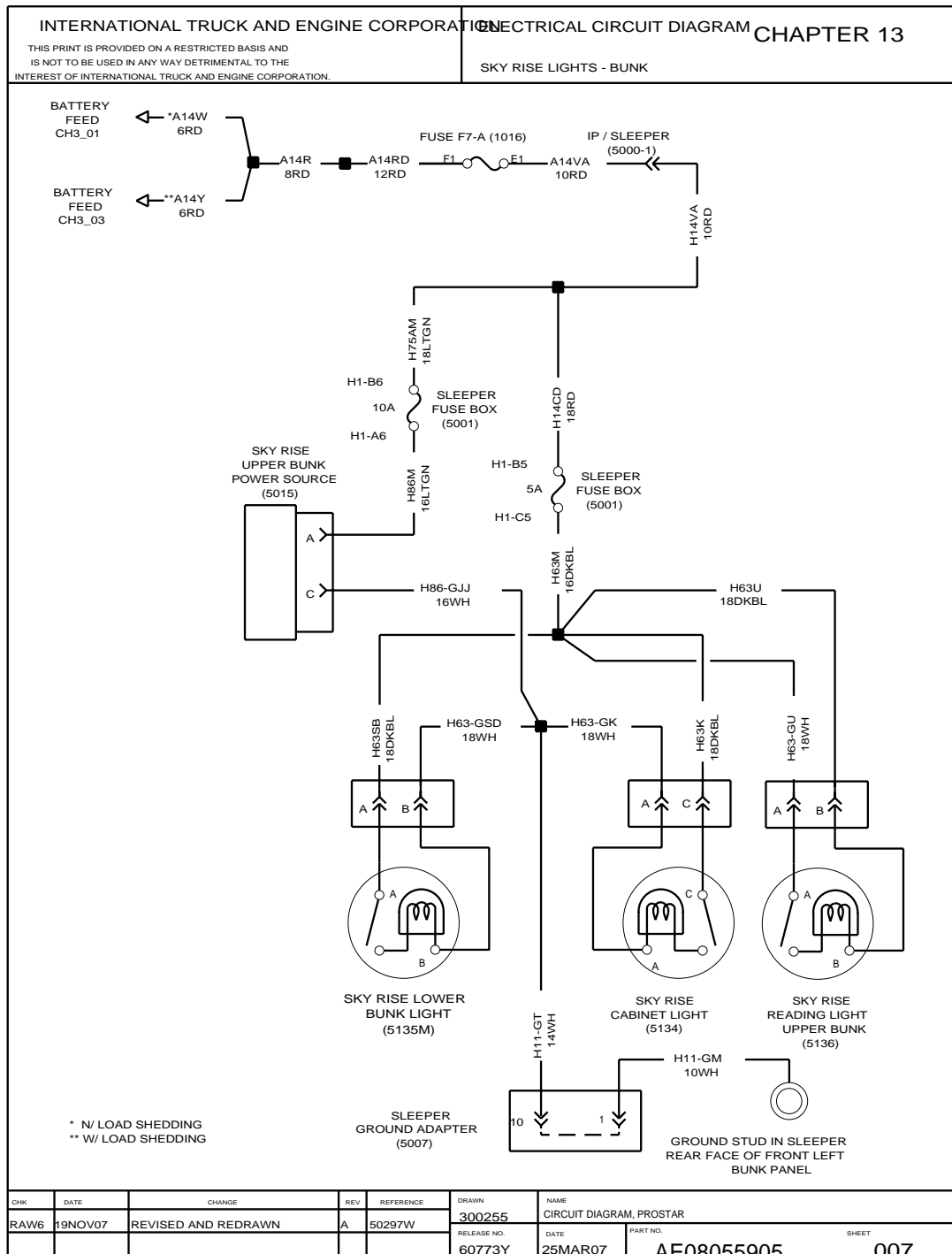


Figure 188 Sky Rise Lights — Bunk

13.8. TV/DVD, P. 8

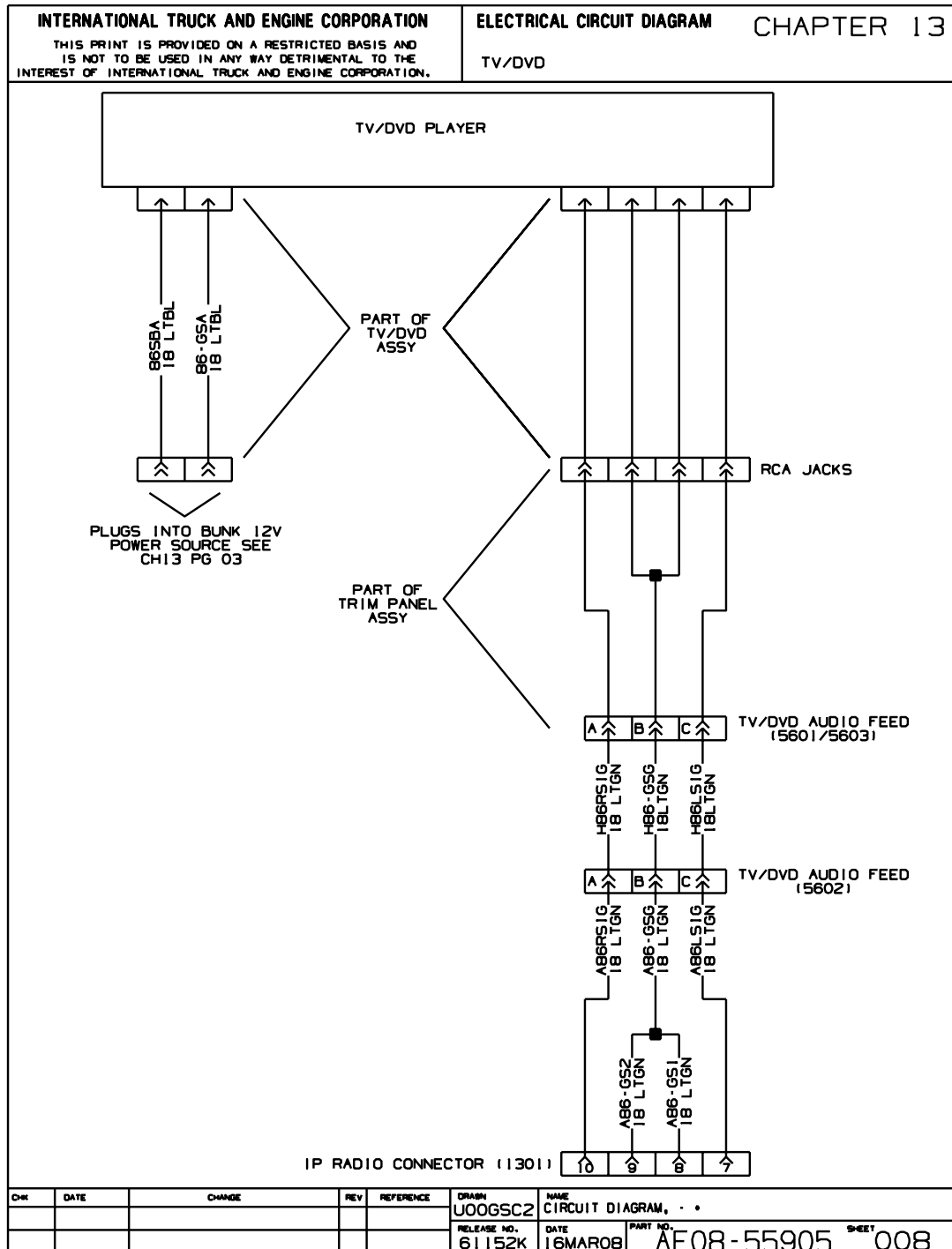


Figure 189 TV/DVD

14. CONNECTOR COMPOSITES (CHAPTER 14)

14.1. CONNECTOR COMPOSITES (7A), (8A), (9A), (10A), (11A), (12A), P. 1

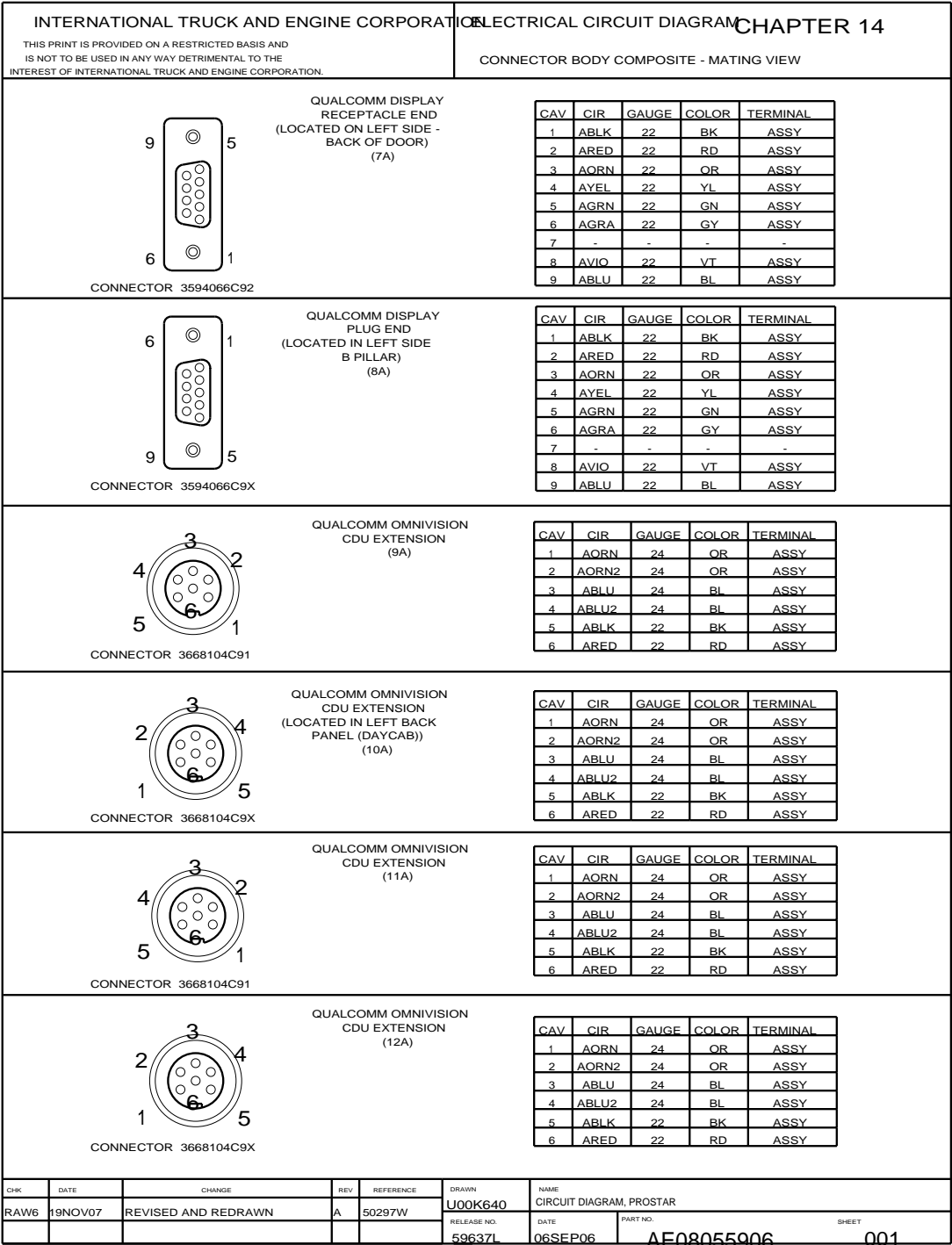


Figure 190 Connector Composites (7A), (8A), (9A), (10A), (11A), (12A)

## 14.2. CONNECTOR COMPOSITES (10F), (345), (512), (520), P. 1A

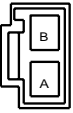


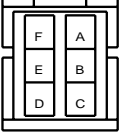

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																													
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																													
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center;">AUXILIARY POWER (10F)</p> <p style="text-align: center;">(LOCATED IN INSTRUMENT PANEL CENTER) (JUMPER HARNESS)</p>  <p>CONNECTOR 1661197C1</p> </div> <div style="width: 65%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A86M</td> <td>16</td> <td>LTGN</td> <td>1661214C2</td> </tr> <tr> <td>A*</td> <td>A86N</td> <td>14</td> <td>LTGN</td> <td>1661214C2</td> </tr> <tr> <td>B</td> <td>A86-GA</td> <td>16</td> <td>WH</td> <td>1661214C2</td> </tr> <tr> <td>B*</td> <td>A86-GB</td> <td>14</td> <td>WH</td> <td>1661214C2</td> </tr> </tbody> </table> <p style="text-align: right; font-size: small;">* W/ 2 POST &amp; CIGAR ONLY</p> </div> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	A86M	16	LTGN	1661214C2	A*	A86N	14	LTGN	1661214C2	B	A86-GA	16	WH	1661214C2	B*	A86-GB	14	WH	1661214C2																	
CAV	CIR	GAUGE	COLOR	TERMINAL																																													
A	A86M	16	LTGN	1661214C2																																													
A*	A86N	14	LTGN	1661214C2																																													
B	A86-GA	16	WH	1661214C2																																													
B*	A86-GB	14	WH	1661214C2																																													
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">SUNSHADE (345)</p> <p style="text-align: center;">(LOCATED IN ROOF WIRING FRONT W/ SUNSHADE)</p>  <p>CONNECTOR 1661259C1 BODY LOCK 1661263C1</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D58T</td> <td>18</td> <td>BN</td> <td>1661262C1</td> </tr> <tr> <td>B</td> <td>D58-GL</td> <td>18</td> <td>WH</td> <td>1661262C1</td> </tr> </tbody> </table> </div> <div style="width: 45%;">  <p>CONNECTOR 1661260C1 BODY LOCK 1661264C1</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>C58A</td> <td>18</td> <td>BK</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>C58-GA</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table> </div> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	D58T	18	BN	1661262C1	B	D58-GL	18	WH	1661262C1	CAV	CIR	GAUGE	COLOR	TERMINAL	A	C58A	18	BK	1661261C1	B	C58-GA	18	WH	1661261C1												
CAV	CIR	GAUGE	COLOR	TERMINAL																																													
A	D58T	18	BN	1661262C1																																													
B	D58-GL	18	WH	1661262C1																																													
CAV	CIR	GAUGE	COLOR	TERMINAL																																													
A	C58A	18	BK	1661261C1																																													
B	C58-GA	18	WH	1661261C1																																													
<p style="text-align: center;">ACCENT LIGHT DIMMER (512)</p> <p style="text-align: center;">(LOCATED ON SLEEPER CONTROL PANEL)</p>  <p>CONNECTOR 16611200C1</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>C63A</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> <tr> <td>B</td> <td>C63-GA</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> <tr> <td>C</td> <td>C63B</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> <tr> <td>D*</td> <td>C62B</td> <td>18</td> <td>DKBL</td> <td>1661209C1</td> </tr> <tr> <td>D#</td> <td>C62D</td> <td>18</td> <td>DKBL</td> <td>1661209C1</td> </tr> <tr> <td>E</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>F</td> <td>C62-GB</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> </tbody> </table> <p style="text-align: right; font-size: small;">* W/ ACCENT LIGHT ON / OFF # W/ DOME LIGHT ON / OFF</p>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	C63A	18	DKBL	1661208C1	B	C63-GA	18	DKBL	1661208C1	C	C63B	18	DKBL	1661208C1	D*	C62B	18	DKBL	1661209C1	D#	C62D	18	DKBL	1661209C1	E	-	-	-	-	F	C62-GB	18	DKBL	1661208C1		
CAV	CIR	GAUGE	COLOR	TERMINAL																																													
A	C63A	18	DKBL	1661208C1																																													
B	C63-GA	18	DKBL	1661208C1																																													
C	C63B	18	DKBL	1661208C1																																													
D*	C62B	18	DKBL	1661209C1																																													
D#	C62D	18	DKBL	1661209C1																																													
E	-	-	-	-																																													
F	C62-GB	18	DKBL	1661208C1																																													
<p style="text-align: center;">CLEARANCE LIGHT (520)</p> <p style="text-align: center;">(LOCATED IN SUNSHADE)</p>  <p>CONNECTOR 1661259C1 BODY LOCK 661263C1</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>C58B</td> <td>18</td> <td>BN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>C58-GB</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	C58B	18	BN	1661261C1	B	C58-GB	18	WH	1661261C1																											
CAV	CIR	GAUGE	COLOR	TERMINAL																																													
A	C58B	18	BN	1661261C1																																													
B	C58-GB	18	WH	1661261C1																																													
<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>RAW6</td> <td>19NOV07</td> <td>INITIAL RELEASE</td> <td>A</td> <td>50297W</td> <td>300152</td> <td>CIRCUIT DIAGRAM, PROSTAR</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>50297W</td> <td>18OCT07</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>AE08055906</td> <td>01A</td> </tr> </tbody> </table>								CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	RAW6	19NOV07	INITIAL RELEASE	A	50297W	300152	CIRCUIT DIAGRAM, PROSTAR						RELEASE NO.	DATE						50297W	18OCT07						PART NO.	SHEET						AE08055906	01A
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																											
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					PART NO.	SHEET																																											
					AE08055906	01A																																											

Figure 191 Connector Composites (10F), (345), (512), (520)

14.3. CONNECTOR COMPOSITES (521), (522), (523), (524), P. 2





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<div>CLEARANCE LIGHT (521) (LOCATED IN SUNSHADE)</div> <div></div> <div>CONNECTOR 1661259C1 BODY LOCK 1661263C1</div> <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>C58C</td><td>18</td><td>BN</td><td>1661261C1</td></tr><tr><td>B</td><td>C58-GC</td><td>18</td><td>WH</td><td>1661261C1</td></tr></tbody></table>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	C58C	18	BN	1661261C1	B	C58-GC	18	WH	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																		
A	C58C	18	BN	1661261C1																		
B	C58-GC	18	WH	1661261C1																		
<div>CLEARANCE LIGHT (522) (LOCATED IN SUNSHADE)</div> <div></div> <div>CONNECTOR 1661259C1 BODY LOCK 1661263C1</div> <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>C58D</td><td>18</td><td>BN</td><td>1661261C1</td></tr><tr><td>B</td><td>C58-GD</td><td>18</td><td>WH</td><td>1661261C1</td></tr></tbody></table>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	C58D	18	BN	1661261C1	B	C58-GD	18	WH	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																		
A	C58D	18	BN	1661261C1																		
B	C58-GD	18	WH	1661261C1																		
<div>CLEARANCE LIGHT (523) (LOCATED IN SUNSHADE)</div> <div></div> <div>CONNECTOR 1661259C1 BODY LOCK 1661263C1</div> <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>C58E</td><td>18</td><td>BN</td><td>1661261C1</td></tr><tr><td>B</td><td>C58-GE</td><td>18</td><td>WH</td><td>1661261C1</td></tr></tbody></table>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	C58E	18	BN	1661261C1	B	C58-GE	18	WH	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																		
A	C58E	18	BN	1661261C1																		
B	C58-GE	18	WH	1661261C1																		
<div>CLEARANCE LIGHT (524) (LOCATED IN SUNSHADE)</div> <div></div> <div>CONNECTOR 1661259C1 BODY LOCK 1661263C1</div> <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>C58F</td><td>18</td><td>BN</td><td>1661261C1</td></tr><tr><td>B</td><td>C58-GF</td><td>18</td><td>WH</td><td>1661261C1</td></tr></tbody></table>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	C58F	18	BN	1661261C1	B	C58-GF	18	WH	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																		
A	C58F	18	BN	1661261C1																		
B	C58-GF	18	WH	1661261C1																		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																
					U00K640	PROSTAR CIRCUIT DIAGRAM																
					RELEASE NO.	DATE	PART NO.															
					59637L	06SEP06	AF08-55906															
							SHEET 02															

Figure 192 Connector Composites (521), (522), (523), (524)



## 14.4. CONNECTOR COMPOSITES (1002), (1003), P. 3

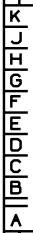
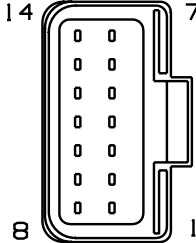
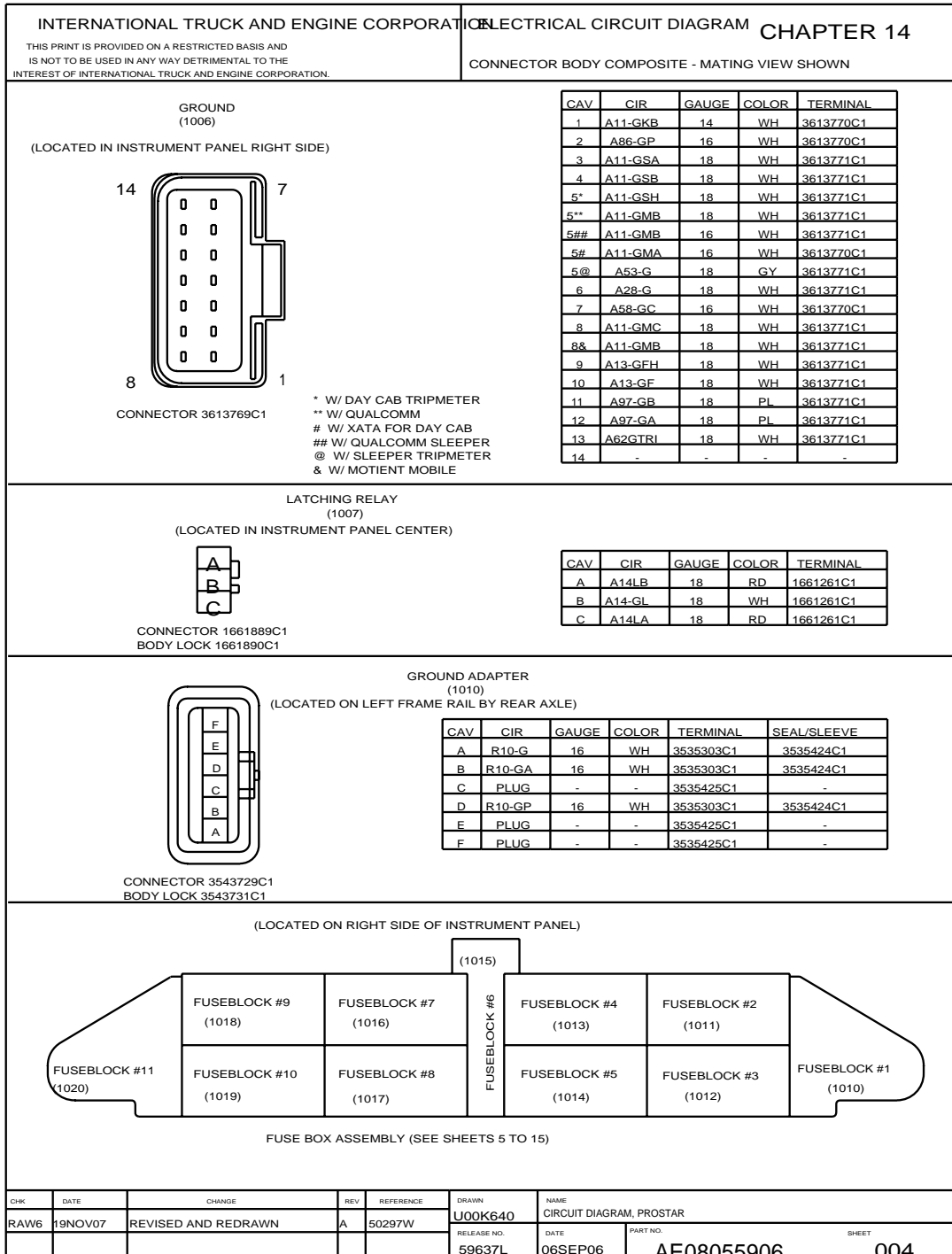
INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				ELECTRICAL CIRCUIT DIAGRAM    CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																						
<div style="text-align: center; margin-bottom: 10px;">PANEL LIGHT FEED (1002) (LOCATED IN INSTRUMENT PANEL)</div> <div style="display: flex; justify-content: space-between; align-items: flex-start;"><div style="width: 20%; text-align: center;"></div><div style="width: 75%;"><table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>A62B</td><td>16</td><td>DKBL</td><td>1661208C1</td></tr><tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>C</td><td>A62BE</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr><tr><td>D</td><td>A62BD</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr><tr><td>E</td><td>A62BH</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr><tr><td>F</td><td>A63AB</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr><tr><td>F%</td><td>A62T</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr><tr><td>G</td><td>A62SC</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr><tr><td>H*</td><td>A62SD</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr><tr><td>H#</td><td>A62N</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr><tr><td>J</td><td>A62SA</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr><tr><td>K</td><td>A62SB</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr></tbody></table></div></div> <div style="margin-top: 20px; text-align: center;"><p>CONNECTOR 2007315C1 BODY LOCK 2007316C1</p><div style="text-align: right; font-size: small; margin-top: 10px;">* W/ PANIC BUTTON # W/ TELEMATICS ALERT SWITCH % N/ IDLE HEAT - CAB</div></div>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	A62B	16	DKBL	1661208C1	B	-	-	-	-	C	A62BE	18	DKBL	1661208C1	D	A62BD	18	DKBL	1661208C1	E	A62BH	18	DKBL	1661208C1	F	A63AB	18	DKBL	1661208C1	F%	A62T	18	DKBL	1661208C1	G	A62SC	18	DKBL	1661208C1	H*	A62SD	18	DKBL	1661208C1	H#	A62N	18	DKBL	1661208C1	J	A62SA	18	DKBL	1661208C1	K	A62SB	18	DKBL	1661208C1																				
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																																						
A	A62B	16	DKBL	1661208C1																																																																																						
B	-	-	-	-																																																																																						
C	A62BE	18	DKBL	1661208C1																																																																																						
D	A62BD	18	DKBL	1661208C1																																																																																						
E	A62BH	18	DKBL	1661208C1																																																																																						
F	A63AB	18	DKBL	1661208C1																																																																																						
F%	A62T	18	DKBL	1661208C1																																																																																						
G	A62SC	18	DKBL	1661208C1																																																																																						
H*	A62SD	18	DKBL	1661208C1																																																																																						
H#	A62N	18	DKBL	1661208C1																																																																																						
J	A62SA	18	DKBL	1661208C1																																																																																						
K	A62SB	18	DKBL	1661208C1																																																																																						
<div style="text-align: center; margin-bottom: 10px;">GROUND (1003) (LOCATED IN INSTRUMENT PANEL)</div> <div style="display: flex; justify-content: space-between; align-items: flex-start;"><div style="width: 20%; text-align: center;"></div><div style="width: 75%;"><table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>A11-GKA</td><td>14</td><td>WH</td><td>3613770C1</td></tr><tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>3</td><td>A14-GL</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>4</td><td>A65-GF</td><td>16</td><td>WH</td><td>3613770C1</td></tr><tr><td>5</td><td>A11-GSF</td><td>16</td><td>WH</td><td>3613770C1</td></tr><tr><td>6</td><td>A84-G</td><td>16</td><td>WH</td><td>3613770C1</td></tr><tr><td>7</td><td>A14-GS</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>8</td><td>A92-G</td><td>16</td><td>WH</td><td>3613770C1</td></tr><tr><td>9</td><td>A63-GJ</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>10</td><td>A63-GC</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>11</td><td>A11-GKH</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>12*</td><td>A11-GNA</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>12#</td><td>A11-GEC</td><td>16</td><td>WH</td><td>3613770C1</td></tr><tr><td>12%</td><td>A11-GT</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>13</td><td>A22-G</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>14</td><td>A11-GN</td><td>18</td><td>WH</td><td>3613771C1</td></tr></tbody></table></div></div> <div style="margin-top: 20px; text-align: center;"><p>CONNECTOR 3613769C1</p><div style="text-align: right; font-size: small; margin-top: 10px;">* W/ XMSN # W/ TELEMATICS % W/ REMOTE START / STOP</div></div>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	A11-GKA	14	WH	3613770C1	2	-	-	-	-	3	A14-GL	18	WH	3613771C1	4	A65-GF	16	WH	3613770C1	5	A11-GSF	16	WH	3613770C1	6	A84-G	16	WH	3613770C1	7	A14-GS	18	WH	3613771C1	8	A92-G	16	WH	3613770C1	9	A63-GJ	18	WH	3613771C1	10	A63-GC	18	WH	3613771C1	11	A11-GKH	18	WH	3613771C1	12*	A11-GNA	18	WH	3613771C1	12#	A11-GEC	16	WH	3613770C1	12%	A11-GT	18	WH	3613771C1	13	A22-G	18	WH	3613771C1	14	A11-GN	18	WH	3613771C1
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<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"><thead><tr><th>CHR</th><th>DATE</th><th>CHANGE</th><th>REV</th><th>REFERENCE</th><th>DRASH</th><th>NAME</th></tr></thead><tbody><tr><td>CNA</td><td>2MAY07</td><td>REVISED CONN 1002</td><td>A</td><td>60773Y</td><td>U00K640</td><td>PROSTAR CIRCUIT DIAGRAM</td></tr><tr><td></td><td></td><td>AND 1003</td><td></td><td></td><td>RELEASE NO. 59637L</td><td>DATE 06SEP06</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>PART NO. AE08-55906</td><td>SHEET 03</td></tr></tbody></table>						CHR	DATE	CHANGE	REV	REFERENCE	DRASH	NAME	CNA	2MAY07	REVISED CONN 1002	A	60773Y	U00K640	PROSTAR CIRCUIT DIAGRAM			AND 1003			RELEASE NO. 59637L	DATE 06SEP06						PART NO. AE08-55906	SHEET 03																																																									
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Figure 193 Connector Composites (1002), (1003)

## 14.5. CONNECTOR COMPOSITES (1006), (1007), (1010), (1015), P. 4



**Figure 194 Connector Composites (1006), (1007), (1010), (1015)**

## 14.6. CONNECTOR COMPOSITE (1010), P. 5

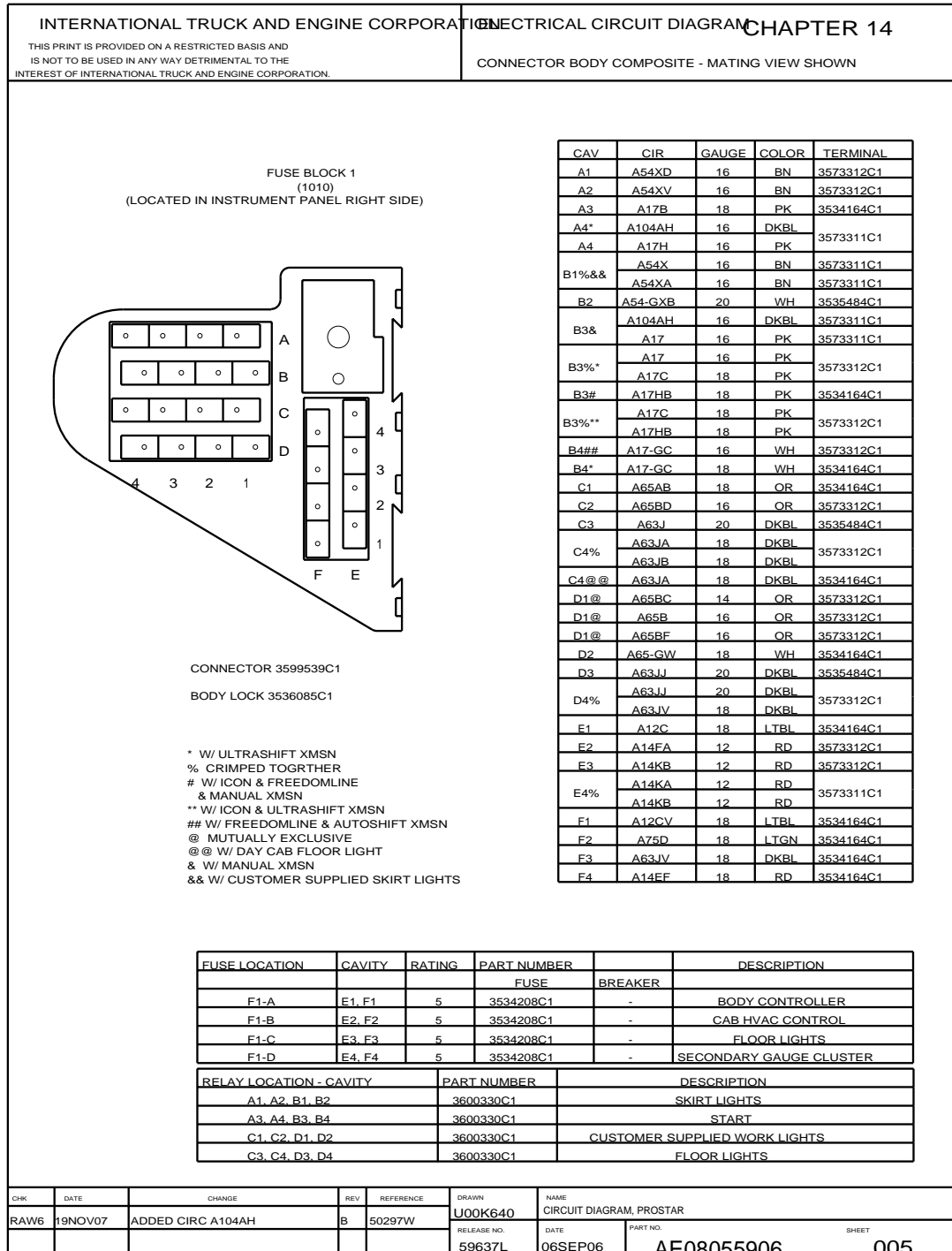


Figure 195 Connector Composite (1010)

## 14.7. CONNECTOR COMPOSITE (1011), P. 6

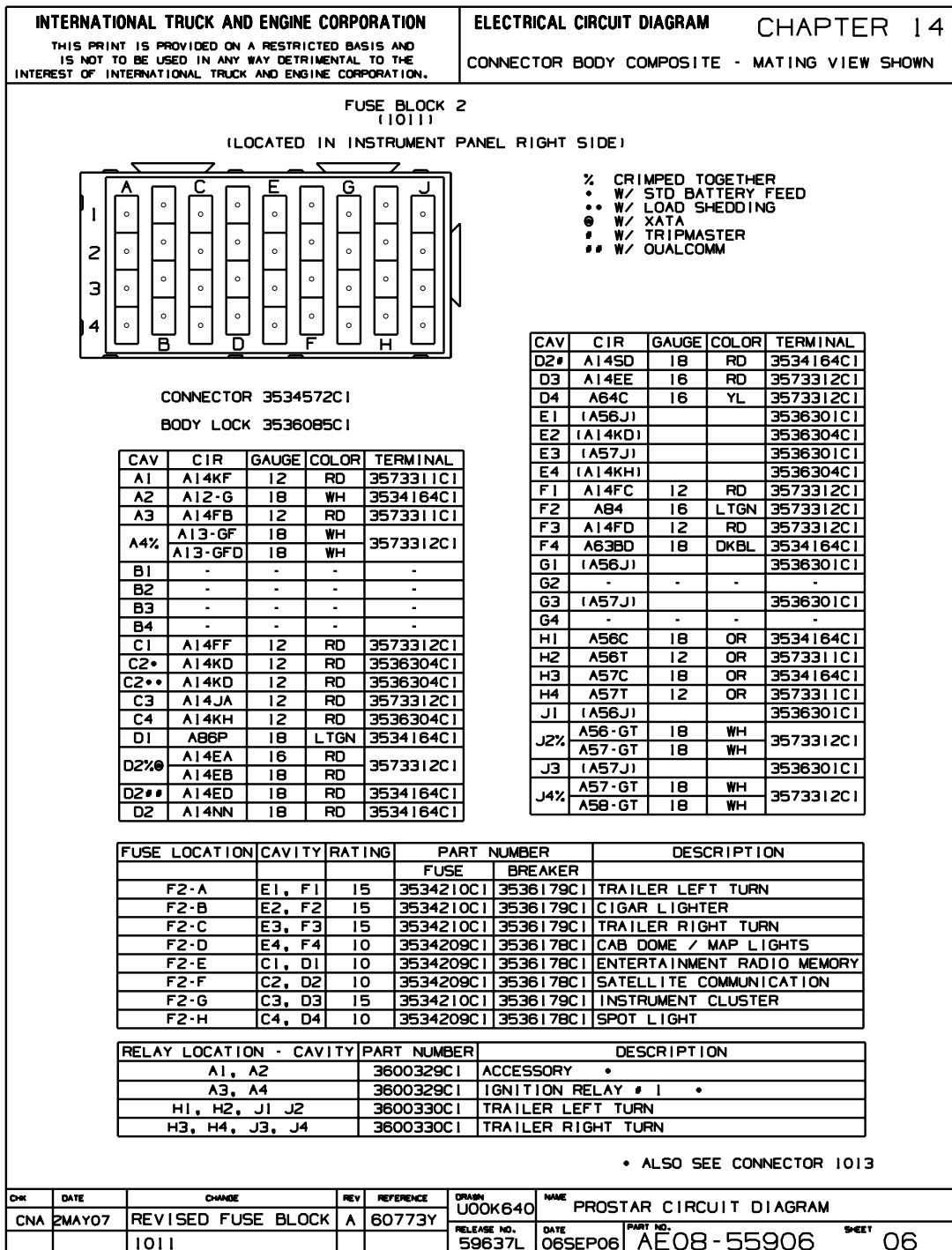


Figure 196 Connector Composite (1011)

## 14.8. CONNECTOR COMPOSITE (1012), P. 7

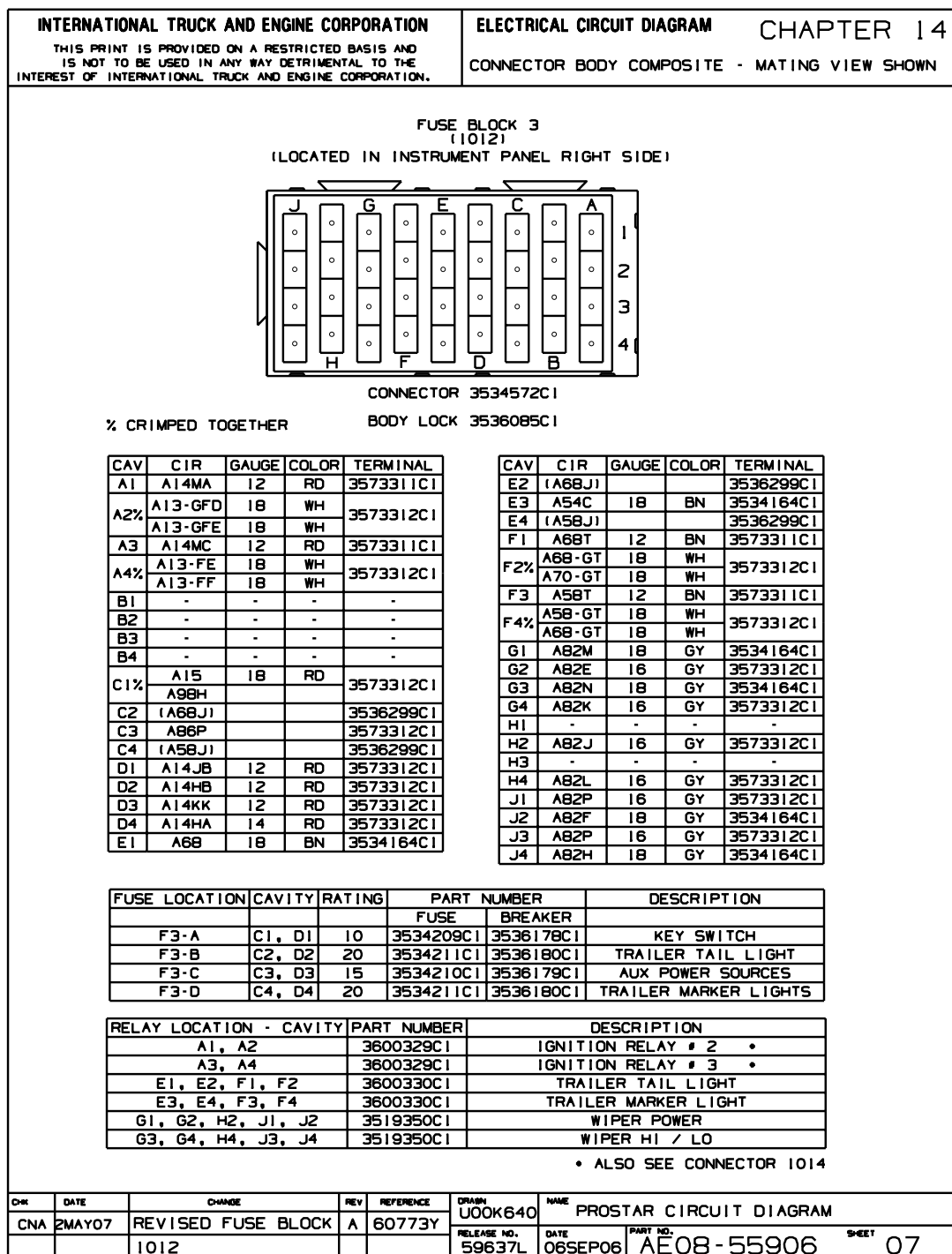
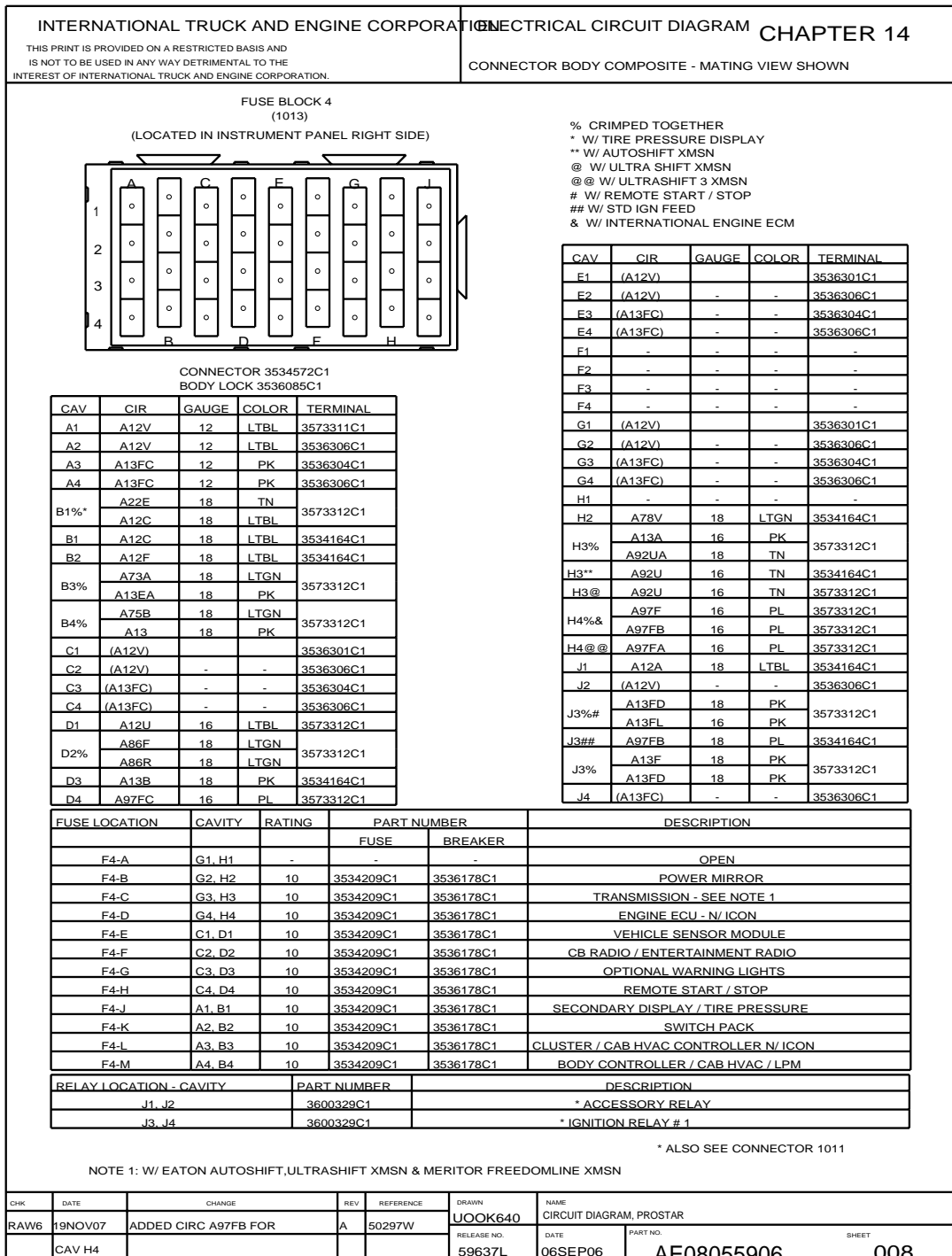


Figure 197 Connector Composite (1012)

## 14.9. CONNECTOR COMPOSITE (1013), P. 8



**Figure 198 Connector Composite (1013)**

## 14.10. CONNECTOR COMPOSITE (1014), P. 9

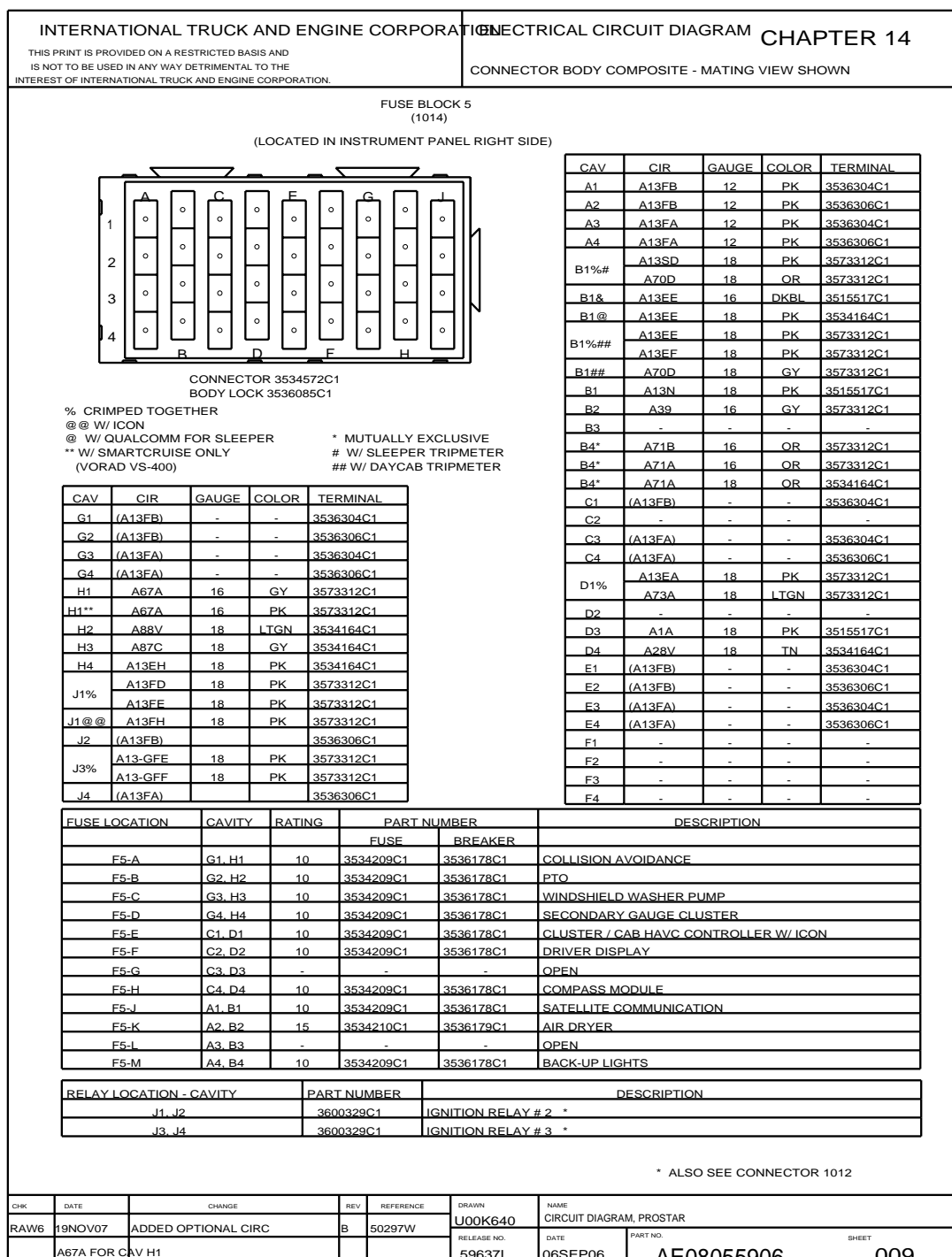
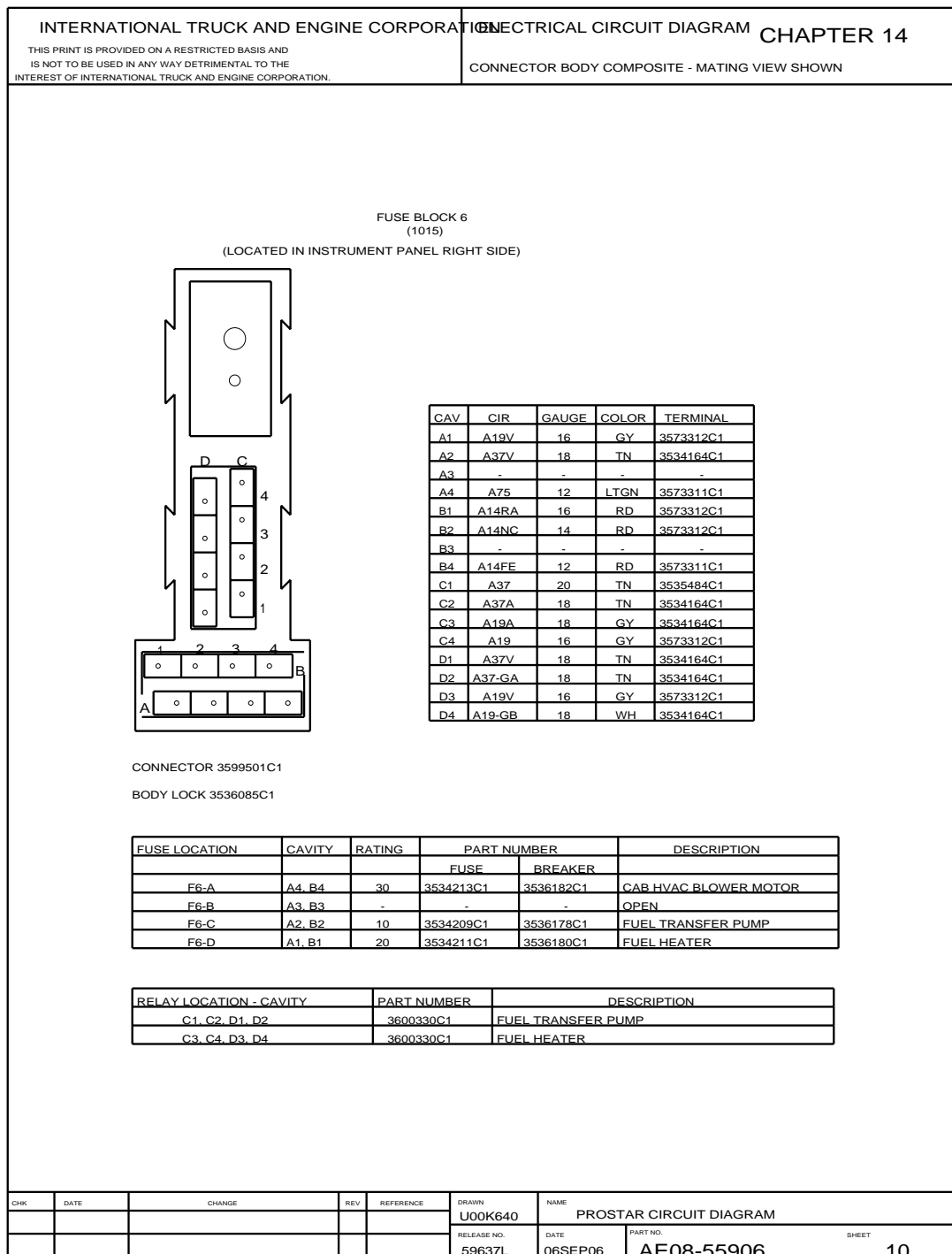


Figure 199 Connector Composite (1014)

## 14.11. CONNECTOR COMPOSITE (1015), P. 10



**Figure 200 Connector Composite (1015)**



## 14.12. CONNECTOR COMPOSITE (1016), P. 11

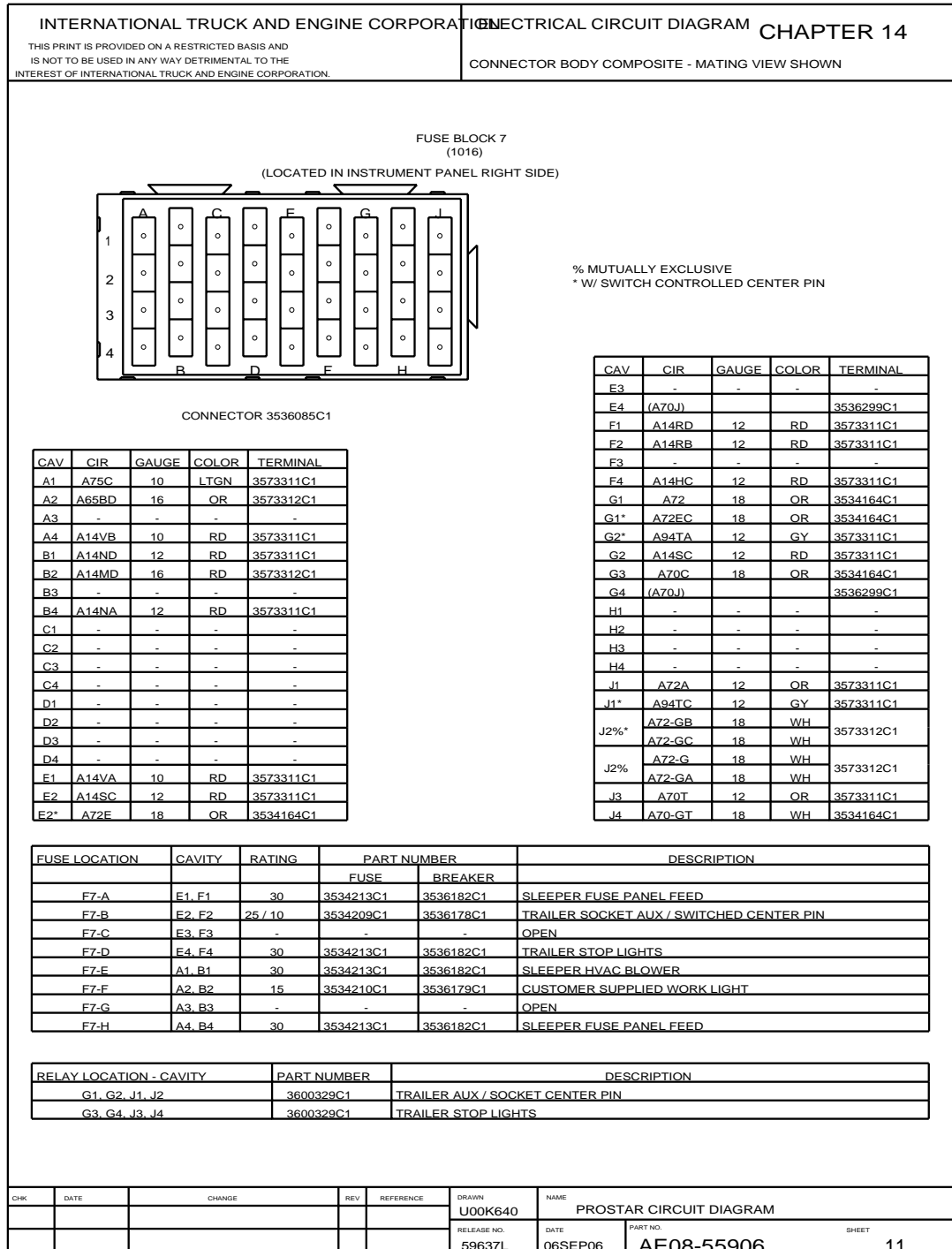
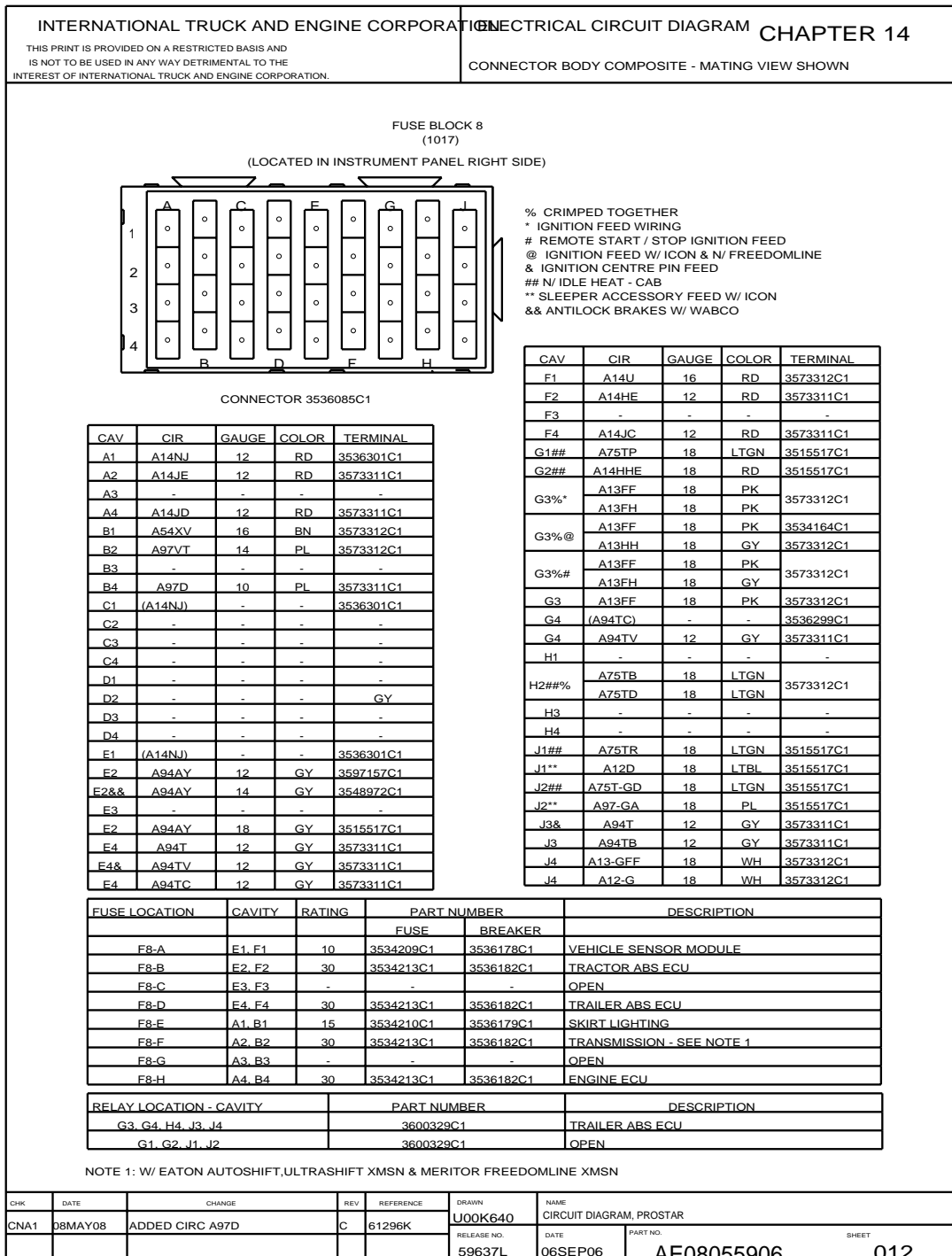


Figure 201 Connector Composite (1016)

### 14.13. CONNECTOR COMPOSITE (1017), P. 12



**Figure 202 Connector Composite (1017)**

## 14.14. CONNECTOR COMPOSITE (1018), P. 13

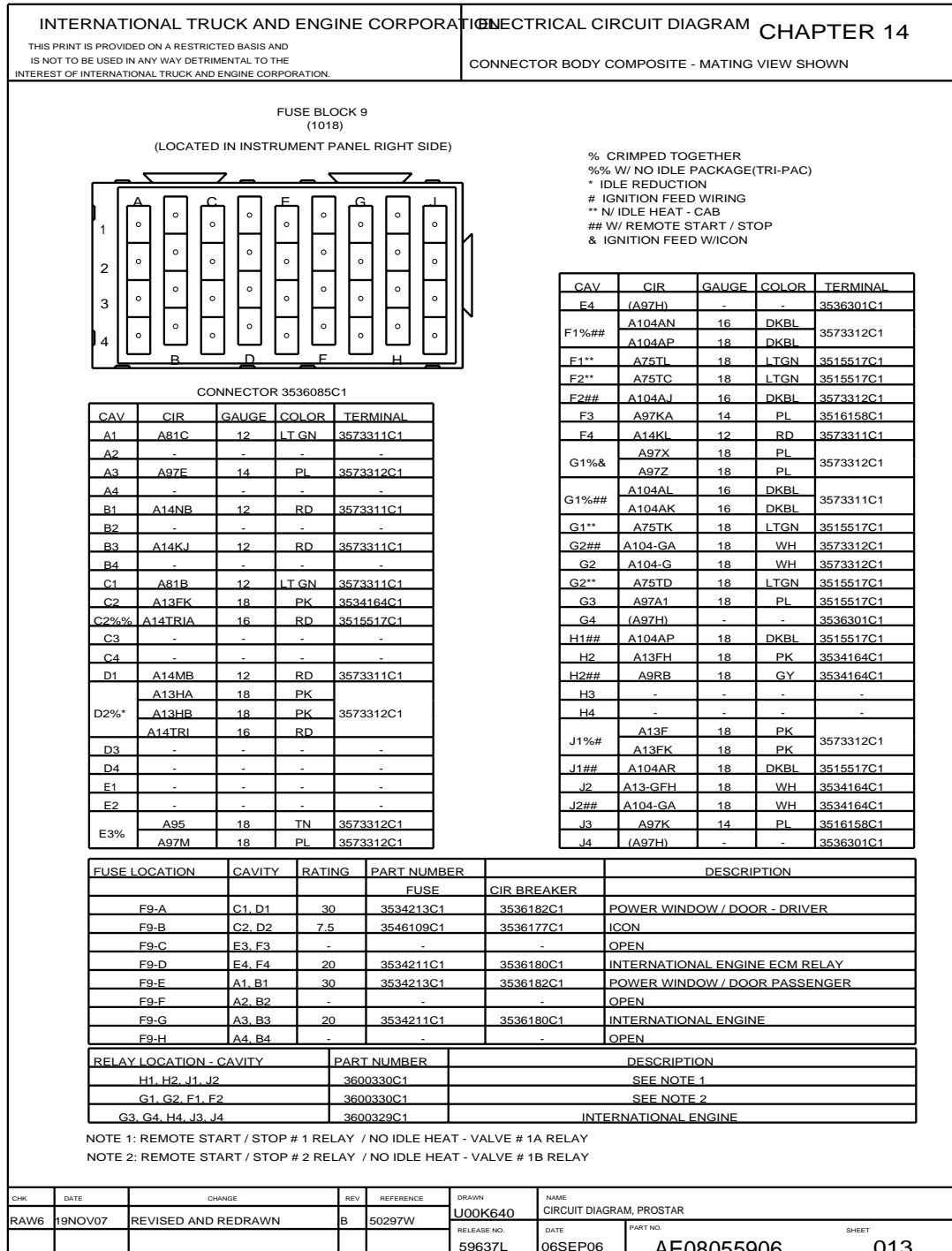
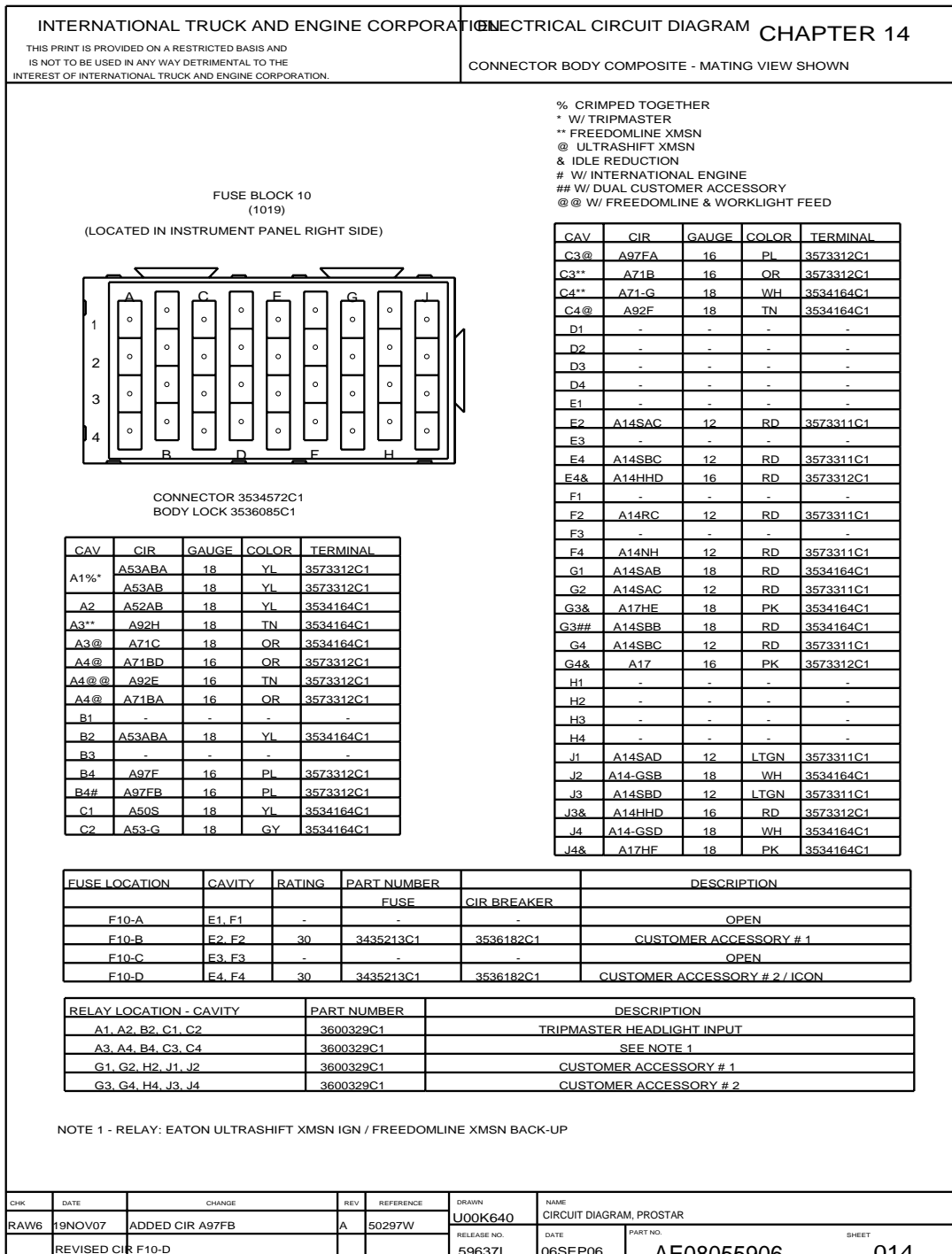


Figure 203 Connector Composite (1018)

## 14.15. CONNECTOR COMPOSITE (1019), P. 14



**Figure 204 Connector Composite (1019)**

## 14.16. CONNECTOR COMPOSITE (1020), P. 15

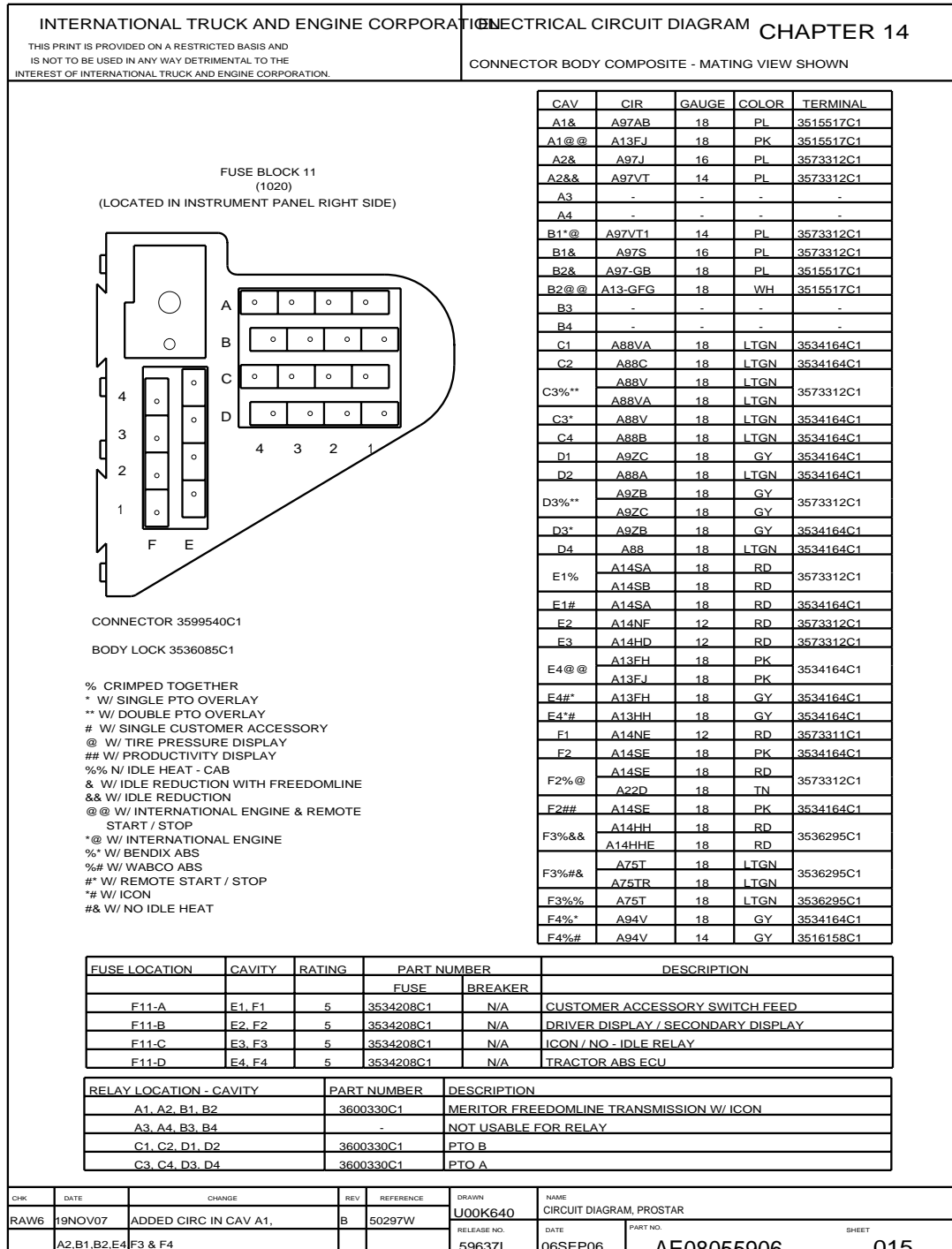


Figure 205 Connector Composite (1020)

14.17. CONNECTOR COMPOSITES (1023), (1024), (1025), P. 16

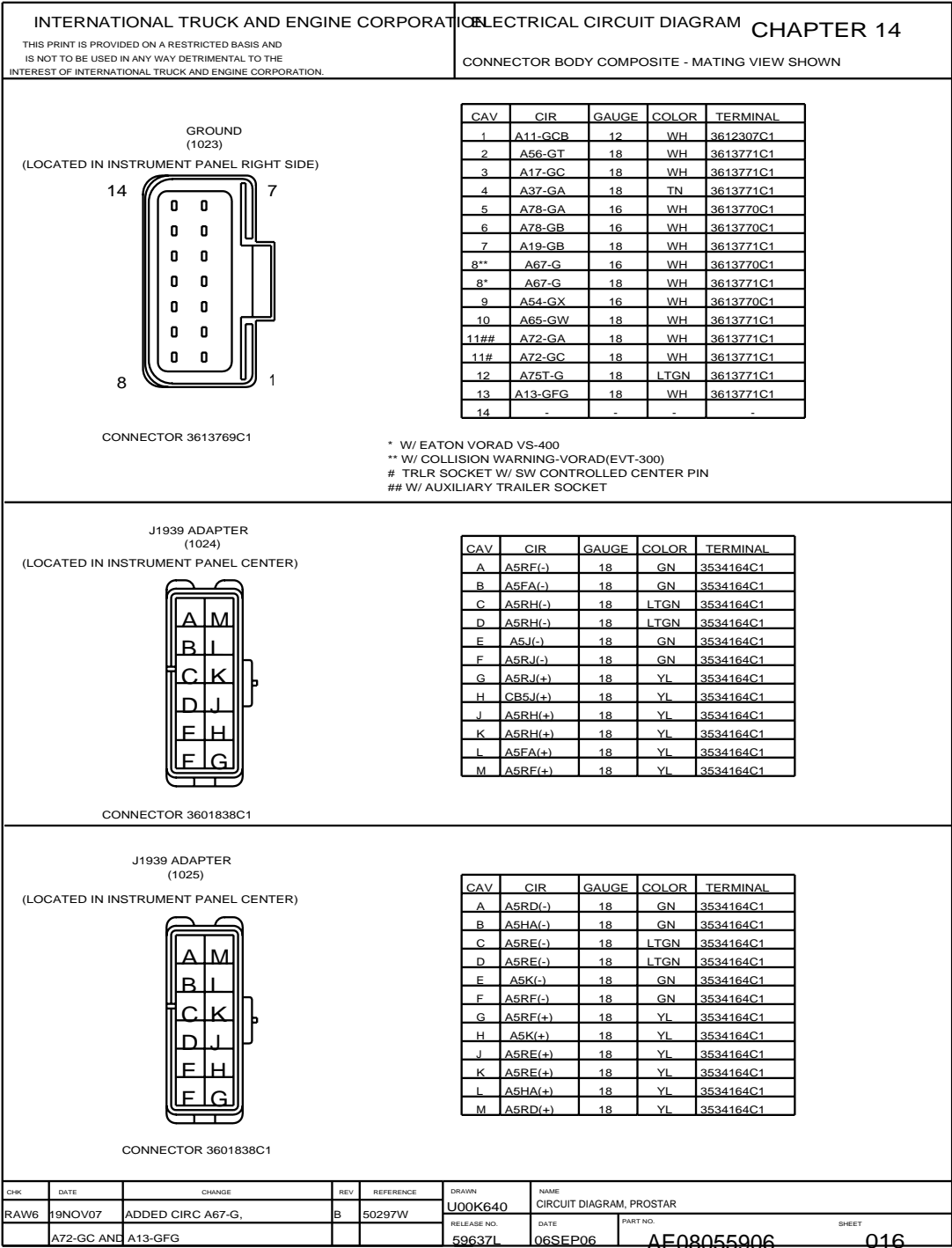


Figure 206 Connector Composites (1023), (1024), (1025)

## 14.18. CONNECTOR COMPOSITES (1026), (1100M), (1101M), (1110M), P. 17

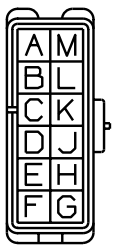

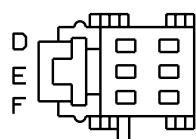
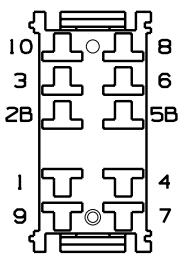
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 14																																																																												
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																														
<p>J1939 ADAPTER (11026) (LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p>CONNECTOR 3601838C1 BODY LOCK 3601839C1</p>				<table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>A5RB (-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr><tr><td>A*</td><td>A5R (-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr><tr><td>B</td><td>A5P (-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr><tr><td>C</td><td>A5RC (-)</td><td>18</td><td>LTGN</td><td>3534164C1</td></tr><tr><td>D</td><td>A5RC (-)</td><td>18</td><td>LTGN</td><td>3534164C1</td></tr><tr><td>E</td><td>A5L (-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr><tr><td>F</td><td>A5RD (-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr><tr><td>G</td><td>A5RD (+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr><tr><td>H</td><td>A5L (+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr><tr><td>J</td><td>A5RC (+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr><tr><td>K</td><td>A5RC (+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr><tr><td>L</td><td>A5P (+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr><tr><td>M</td><td>A5RB (+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr><tr><td>M*</td><td>A5R (+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr></tbody></table> <p>• W/ ALL OPTIONS &amp; N/ ABS OR COMPASS</p>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	A5RB (-)	18	GN	3534164C1	A*	A5R (-)	18	GN	3534164C1	B	A5P (-)	18	GN	3534164C1	C	A5RC (-)	18	LTGN	3534164C1	D	A5RC (-)	18	LTGN	3534164C1	E	A5L (-)	18	GN	3534164C1	F	A5RD (-)	18	GN	3534164C1	G	A5RD (+)	18	YL	3534164C1	H	A5L (+)	18	YL	3534164C1	J	A5RC (+)	18	YL	3534164C1	K	A5RC (+)	18	YL	3534164C1	L	A5P (+)	18	YL	3534164C1	M	A5RB (+)	18	YL	3534164C1	M*	A5R (+)	18	YL	3534164C1
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<p>KEY SWITCH CONNECTOR (1100M) (LOCATED IN INSTRUMENT PANEL)</p>  <p>CONNECTOR 3546518C1 BODY LOCK 3546519C1</p> <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>A15</td><td>18</td><td>RD</td><td>1661208C1</td></tr><tr><td>B*</td><td>A17H</td><td>16</td><td>PK</td><td>1661208C1</td></tr><tr><td>B*</td><td>A17HA</td><td>16</td><td>PK</td><td>1661208C1</td></tr><tr><td>C</td><td>A12</td><td>18</td><td>LTBL</td><td>1661208C1</td></tr><tr><td>D</td><td>A13F</td><td>18</td><td>PK</td><td>1661208C1</td></tr></tbody></table> <p>• W/ FREEDOM LINE XMSN • W/ MANUAL XMSN</p>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	A15	18	RD	1661208C1	B*	A17H	16	PK	1661208C1	B*	A17HA	16	PK	1661208C1	C	A12	18	LTBL	1661208C1	D	A13F	18	PK	1661208C1	<p>SWITCH PACK CONNECTOR (1101M) (LOCATED IN INSTRUMENT PANEL - CENTER)</p>  <p>CONNECTOR 2031871C1 BODY LOCK 2031873C1</p> <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>A11-GKD</td><td>18</td><td>WH</td><td>1661261C1</td></tr><tr><td>B</td><td>A12F</td><td>18</td><td>LTBL</td><td>1661261C1</td></tr><tr><td>C</td><td>A62DB</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr><tr><td>D*</td><td>A3AA (+)</td><td>20</td><td>DKBL</td><td>3544254C1</td></tr><tr><td>D</td><td>A3A (+)</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr><tr><td>E*</td><td>A3AA (-)</td><td>20</td><td>GY</td><td>3544254C1</td></tr><tr><td>E</td><td>A3A (-)</td><td>18</td><td>GY</td><td>1661261C1</td></tr><tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table> <p>• W/ POWER DOOR LOCK &amp; WINDOWS</p>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	A11-GKD	18	WH	1661261C1	B	A12F	18	LTBL	1661261C1	C	A62DB	18	DKBL	1661261C1	D*	A3AA (+)	20	DKBL	3544254C1	D	A3A (+)	18	DKBL	1661261C1	E*	A3AA (-)	20	GY	3544254C1	E	A3A (-)	18	GY	1661261C1	F	-	-	-	-
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7	A72B	14	OR	1661226C1																																																																														
7*	A72ED	18	OR	1661224C1																																																																														
8	A625C	18	DKBL	1661224C1																																																																														
9	A72-G	18	WH	1661224C1																																																																														
10	A72-GB	18	WH	1661224C1																																																																														
CHR	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																												
CNA	2MAY07	ADDED CONN 1110M	A	60773Y	U00K640	PROSTAR CIRCUIT DIAGRAM																																																																												
					RELEASE NO.	DATE	PART NO.																																																																											
					59637L	06SEP06	AE08-55906																																																																											
						SHEET	17																																																																											

Figure 207 Connector Composites (1026), (1100M), (1101M), (1110M)

## 14.19. CONNECTOR COMPOSITES (1111M), (1112M), (1113M), P. 18

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 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																						
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center;">PANIC BUTTON (1111M) (LOCATED IN INSTRUMENT PANEL CENTER)</p> <p style="text-align: center;">CONNECTOR 3520850C1</p> </div> <div style="width: 65%;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2B*</td><td>A9BNS</td><td>18</td><td>BK</td><td>1661224C1</td></tr> <tr><td>2B*</td><td>A11-GSA</td><td>18</td><td>WH</td><td>1661224C1</td></tr> <tr><td>3*</td><td>A9BJ</td><td>18</td><td>BK</td><td>1661224C1</td></tr> <tr><td>3*</td><td>A9BZ</td><td>18</td><td>BK</td><td>1661224C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7*</td><td>A62SDA</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr> <tr><td>7*</td><td>A9BNL</td><td>18</td><td>BK</td><td>1661224C1</td></tr> <tr><td>8*</td><td>A62SDA</td><td>18</td><td>DKBL</td><td>3541250C1</td></tr> <tr><td></td><td>A62SD</td><td>18</td><td>DKBL</td><td></td></tr> <tr><td>8*</td><td>A62N</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr> <tr><td>9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10*</td><td>A11-GSB</td><td>18</td><td>WH</td><td>1661224C1</td></tr> <tr><td>10*</td><td>A11-GN</td><td>18</td><td>WH</td><td>1661224C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: 0.7em;">           * W/ TELEMATICS ALERT SWITCH            # W/ QUALCOMM PANIC BUTTON            % CRIMPED TOGETHER         </p> </div> </div>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2B*	A9BNS	18	BK	1661224C1	2B*	A11-GSA	18	WH	1661224C1	3*	A9BJ	18	BK	1661224C1	3*	A9BZ	18	BK	1661224C1	4	-	-	-	-	5B	-	-	-	-	6	-	-	-	-	7*	A62SDA	18	DKBL	1661224C1	7*	A9BNL	18	BK	1661224C1	8*	A62SDA	18	DKBL	3541250C1		A62SD	18	DKBL		8*	A62N	18	DKBL	1661224C1	9	-	-	-	-	10*	A11-GSB	18	WH	1661224C1	10*	A11-GN	18	WH	1661224C1
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																																						
1	-	-	-	-																																																																																						
2B*	A9BNS	18	BK	1661224C1																																																																																						
2B*	A11-GSA	18	WH	1661224C1																																																																																						
3*	A9BJ	18	BK	1661224C1																																																																																						
3*	A9BZ	18	BK	1661224C1																																																																																						
4	-	-	-	-																																																																																						
5B	-	-	-	-																																																																																						
6	-	-	-	-																																																																																						
7*	A62SDA	18	DKBL	1661224C1																																																																																						
7*	A9BNL	18	BK	1661224C1																																																																																						
8*	A62SDA	18	DKBL	3541250C1																																																																																						
	A62SD	18	DKBL																																																																																							
8*	A62N	18	DKBL	1661224C1																																																																																						
9	-	-	-	-																																																																																						
10*	A11-GSB	18	WH	1661224C1																																																																																						
10*	A11-GN	18	WH	1661224C1																																																																																						
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center;">SPARE # 1 (1112M) (LOCATED IN INSTRUMENT PANEL CENTER)</p> <p style="text-align: center;">CONNECTOR 3520850C1</p> </div> <div style="width: 65%;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2B</td><td>A14SA</td><td>18</td><td>RD</td><td>1661224C1</td></tr> <tr><td>3%</td><td>A14SAA</td><td>18</td><td>RD</td><td>3541250C1</td></tr> <tr><td></td><td>A14SAB</td><td>18</td><td>RD</td><td>3541250C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>A14SAA</td><td>18</td><td>RD</td><td>1661224C1</td></tr> <tr><td>8</td><td>A62SA</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr> <tr><td>9</td><td>A14-GSA</td><td>18</td><td>WH</td><td>1661224C1</td></tr> <tr><td>10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> <p style="text-align: center; font-size: 0.7em;">% CRIMPED TOGETHER</p> </div> </div>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2B	A14SA	18	RD	1661224C1	3%	A14SAA	18	RD	3541250C1		A14SAB	18	RD	3541250C1	4	-	-	-	-	5B	-	-	-	-	6	-	-	-	-	7	A14SAA	18	RD	1661224C1	8	A62SA	18	DKBL	1661224C1	9	A14-GSA	18	WH	1661224C1	10	-	-	-	-																									
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																																						
1	-	-	-	-																																																																																						
2B	A14SA	18	RD	1661224C1																																																																																						
3%	A14SAA	18	RD	3541250C1																																																																																						
	A14SAB	18	RD	3541250C1																																																																																						
4	-	-	-	-																																																																																						
5B	-	-	-	-																																																																																						
6	-	-	-	-																																																																																						
7	A14SAA	18	RD	1661224C1																																																																																						
8	A62SA	18	DKBL	1661224C1																																																																																						
9	A14-GSA	18	WH	1661224C1																																																																																						
10	-	-	-	-																																																																																						
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center;">SPARE # 2 (1113M) (LOCATED IN INSTRUMENT PANEL CENTER)</p> <p style="text-align: center;">CONNECTOR 3520850C1</p> </div> <div style="width: 65%;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2B</td><td>A14SB</td><td>18</td><td>RD</td><td>1661224C1</td></tr> <tr><td>3%</td><td>A14SBB</td><td>18</td><td>RD</td><td>3541250C1</td></tr> <tr><td></td><td>A14SBA</td><td>18</td><td>RD</td><td>3541250C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>A14SBA</td><td>18</td><td>RD</td><td>1661224C1</td></tr> <tr><td>8</td><td>A62SB</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr> <tr><td>9</td><td>A14-GSC</td><td>18</td><td>WH</td><td>1661224C1</td></tr> <tr><td>10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> <p style="text-align: center; font-size: 0.7em;">% CRIMPED TOGETHER</p> </div> </div>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2B	A14SB	18	RD	1661224C1	3%	A14SBB	18	RD	3541250C1		A14SBA	18	RD	3541250C1	4	-	-	-	-	5B	-	-	-	-	6	-	-	-	-	7	A14SBA	18	RD	1661224C1	8	A62SB	18	DKBL	1661224C1	9	A14-GSC	18	WH	1661224C1	10	-	-	-	-																									
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																																						
1	-	-	-	-																																																																																						
2B	A14SB	18	RD	1661224C1																																																																																						
3%	A14SBB	18	RD	3541250C1																																																																																						
	A14SBA	18	RD	3541250C1																																																																																						
4	-	-	-	-																																																																																						
5B	-	-	-	-																																																																																						
6	-	-	-	-																																																																																						
7	A14SBA	18	RD	1661224C1																																																																																						
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9	A14-GSC	18	WH	1661224C1																																																																																						
10	-	-	-	-																																																																																						
CHG	DATE	CHANGE	REV	REFERENCE	DASH U00K640	NAME PROSTAR CIRCUIT DIAGRAM																																																																																				
CNA	2MAY07	ADDED CONN 1112M AND 1113M, MOVED CONN 1110M	A	60773Y	RELEASE NO. 59637L	DATE 06SEP06	PART NO. AE08-55906    SHEET 18																																																																																			

Figure 208 Connector Composites (1111M), (1112M), (1113M)



# 14.20. CONNECTOR COMPOSITES (1114M), (1115M), (1200), P. 19

INTERNATIONAL TRUCK AND ENGINE CORPORATION

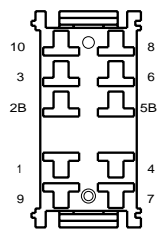
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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 14

CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN

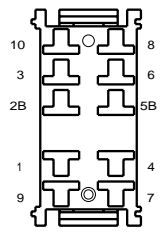
SLEEPER CONTROL ENABLE SWITCH  
(1114M)  
(LOCATED IN INSTRUMENT PANEL CENTER)



CONNECTOR 3520850C1

CAV	CIR	GAUGE	COLOR	TERMINAL
1	-	-	-	-
2B	A104	18	DKBL	1661224C1
3	A9RA	18	GY	1661224C1
4	-	-	-	-
5B	A104A	18	DKBL	1661224C1
6	A104AD	18	DKBL	1661224C1
7	-	-	-	-
8	A63AB	18	DKBL	1661224C1
9	-	-	-	-
10	A63-G	18	WH	1661224C1

ENGINE PRE HEAT  
(1115M)  
(LOCATED IN INSTRUMENT PANEL CENTER)

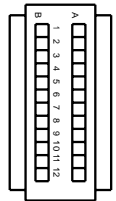


CONNECTOR 3520850C1

CAV	CIR	GAUGE	COLOR	TERMINAL
1	-	-	-	-
2B	A75TN	18	LTGN	1661224C1
3	A75TF	18	LTGN	1661224C1
4	-	-	-	-
5B	-	-	-	-
6	-	-	-	-
7%	A75TE	18	LTGN	3541250C1
	A75TF	18	LTGN	
8	A62T	18	DKBL	1661224C1
9	A75TM	18	LTGN	1661224C1
10	A75T-GC	18	LTGN	1661224C1

% CRIMPED TOGETHER

HVAC CONTROL CONNECTOR  
(1200)  
(LOCATED IN INSTRUMENT PANEL CENTER)



CONNECTOR 3534302C1

BODY LOCK 3539892C1  
3539893C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A1	A73A	18	LTGN	3522073C1
A2	A75D	18	LTGN	3522073C1
A3	-	-	-	-
A4	A77A	20	LTGN	3534303C1
A5	-	-	-	-
A6	-	-	-	-
A7	-	-	-	-
A8	-	-	-	-
A9	A77C	20	LTGN	3534303C1
A10	-	-	-	-
A11	A75AB	18	LTGN	3522073C1
A12	A62DA	18	DKBL	3522073C1
B1	A74D	18	LTGN	3522073C1
B2	A74E	18	LTGN	3522073C1
B3	-	-	-	-
B4	-	-	-	-
B5	-	-	-	-
B6	A74-G	18	WH	3522073C1
B7	-	-	-	-
B8	-	-	-	-
B9	A74	18	LTGN	3522073C1
B10	A74A	18	LTGN	3522073C1
B11	A74B	18	LTGN	3522073C1
B12	A74C	18	LTGN	3522073C1

CHK

DATE

CHANGE

REV

REFERENCE

DRAWN

NAME

RAW6

19NOV07

REVISED CONN

B

50297W

U00K640

CIRCUIT DIAGRAM, PROSTAR

DESCRIPTION FOR 1114M

RELEASE NO.

DATE

PART NO.

SHEET

59637L

06SEP06

AE08055906

019

Figure 209 Connector Composites (1114M), (1115M), (1200)

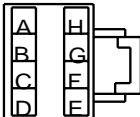
## 14.21. CONNECTOR COMPOSITES (1210), (1215), (1300), P. 20

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14			
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**HVAC UNIT CONNECTOR  
(1210)**

(LOCATED IN INSTRUMENT PANEL RIGHT SIDE)



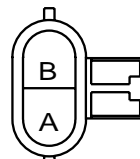
CONNECTOR 2005835C1  
BODY LOCK 2006503C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	A74	18	LTGN	1661208C1
B	A74A	18	LTGN	1661208C1
C	A74B	18	LTGN	1661208C1
D	A74C	18	LTGN	1661208C1
E	A75	12	LTGN	3566715C1
F	A75A	18	LTGN	1661208C1
G	A75-G	12	WH	3566715C1
H	A75B	18	LTGN	1661208C1

**SLEEPER BLOWER  
(1215)**

(LOCATED ON PASSENGER SIDE TRANSITION AREA - SLEEPER)



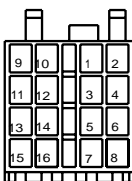
CONNECTOR 2031522C1  
BODY LOCK 2033927C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	A75C	10	LTGN	2031531C1	2025427C1
B	A75-GC	10	WH	2031531C1	2025427C1

**RADIO CONNECTION  
(1300)**

(LOCATED IN INSTRUMENT PANEL - RADIO)



CONNECTOR 3597143C1

CAV	CIR	GAUGE	COLOR	TERMINAL
1	A86(+)	18	YL	3597102C1
2	A86(-)	18	GN	3597102C1
3	A54D	18	BN	3597102C1
4	A86AE	18	LTGN	3597102C1
5	A86AA	18	LTGN	3597102C1
6	A62DC	18	DKBL	3597102C1
7	A86P	18	LTGN	3597102C1
8	A86-G	18	WH	3597102C1
9#	A86DB	18	LTGN	3597102C1
9*	A86DA	18	LTGN	3597102C1
10#	A86EB	18	LTGN	3597102C1
10*	A86EA	18	LTGN	3597102C1
11	A86K	18	LTGN	3597102C1
12	A86L	18	LTGN	3597102C1
13	A86H	18	LTGN	3597102C1
14	A86J	18	LTGN	3597102C1
15*	A86BA	18	LTGN	3597102C1
15@	A86BB	18	LTGN	3597102C1
16*	A86CA	18	LTGN	3597102C1
16@	A86CB	18	LTGN	3597102C1

# W/ SLEEPER SPEAKER  
\* W/ DAYCAB SPEAKER

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
RAW6	19NOV07	ADDED:CIRC IN CAV 1,2	A	50297W	U00K640	CIRCUIT DIAGRAM, PROSTAR
		& 3; REMOVED:CIRC A86A			59637L	

DATE	PART NO.	SHEET
06SEP06	AE08055906	020


**Figure 210 Connector Composites (1210), (1215), (1300)**

## 14.22. CONNECTOR COMPOSITES (1301), (1305), (1378), P. 21

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14			
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RADIO CONNECTION  
(1301)  
(LOCATED IN INSTRUMENT PANEL - RADIO)




CONNECTOR 3600061C1

CAV	CIR	GAUGE	COLOR	TERMINAL
1	-	-	-	-
2	A86AC	18	LTGN	3600062C1
3	-	-	-	-
4	-	-	-	-
5	A86	20	LTGN	3600062C1
6	-	-	-	-
7	-	-	-	-
8	-	-	-	-
9	-	-	-	-
10	-	-	-	-
11	-	-	-	-
12	-	-	-	-
13	-	-	-	-
14	-	-	-	-
15	-	-	-	-
16	-	-	-	-
17	-	-	-	-
18	-	-	-	-
19	-	-	-	-
20	-	-	-	-

BUNK FAN  
(1305)  
(LOCATED IN ROOF ON PASSENGER SIDE - SLEEPER)

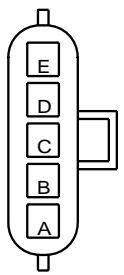


CONNECTOR 0969541R1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	H76	18	BK	0333732C91
B	H76-G	18	WH	0333732C91

COOLANT MODULE  
(1378)  
(LOCATED AT UPPER LEFT SIDE OF ENGINE)



CONNECTOR 1687789C1  
BODY LOCK 1661376C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K97FB	18	VT	2033819C1	1652325C1
B	K34	16	TN	2033819C1	1652325C1
C	K34E	16	TN	2033819C1	1652325C1
D	K34A2	16	TN	2033819C1	1652325C1
E	PLUG	-	-	0587579C1	-

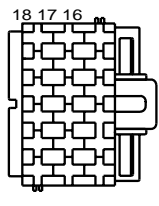
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
RAW6	19NOV07	ADDED CIRC A86AC	A	50297W	U00K640	CIRCUIT DIAGRAM, PROSTAR
					RELEASE NO. 59637L	DATE 06SEP06 PART NO. AE08055906 SHEET 021

Figure 211 Connector Composites (1301), (1305), (1378)

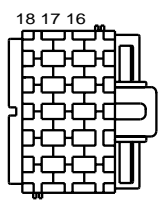
## 14.23. CONNECTOR COMPOSITES (1400), (1401), (1402), P. 22

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.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN			

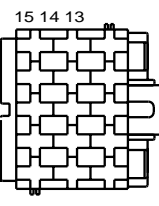
  

<p align="center">ABS # 1 (1400)</p> <p align="center">(LOCATED ON RIGHT-SIDE KICK PANEL - ABS MODULE)</p> <div align="center">  </div> <p align="center">CONNECTOR 3596926C1 BODY LOCK 3562309C1</p>	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>A94-GA</td><td>12</td><td>WH</td><td>3597157C1</td></tr> <tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>A94V</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>4</td><td>A94BN</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>5</td><td>A94BM</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>A5N(-)</td><td>18</td><td>GN</td><td>3598072C1</td></tr> <tr><td>8</td><td>A5N(+)</td><td>18</td><td>YL</td><td>3598072C1</td></tr> <tr><td>9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>A94BH</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>11</td><td>A94BF</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>12</td><td>A94-GB</td><td>16</td><td>WH</td><td>3548970C1</td></tr> <tr><td>13</td><td>A3BA(-)</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>14</td><td>A3BA(+)</td><td>18</td><td>DKBL</td><td>3598072C1</td></tr> <tr><td>15</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>16</td><td>A94AY</td><td>12</td><td>GY</td><td>3597157C1</td></tr> <tr><td>17</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>18</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	1	A94-GA	12	WH	3597157C1	2	-	-	-	-	3	A94V	18	GY	3598072C1	4	A94BN	18	GY	3598072C1	5	A94BM	18	GY	3598072C1	6	-	-	-	-	7	A5N(-)	18	GN	3598072C1	8	A5N(+)	18	YL	3598072C1	9	-	-	-	-	10	A94BH	16	GY	3598073C1	11	A94BF	16	GY	3598073C1	12	A94-GB	16	WH	3548970C1	13	A3BA(-)	18	GY	3598072C1	14	A3BA(+)	18	DKBL	3598072C1	15	-	-	-	-	16	A94AY	12	GY	3597157C1	17	-	-	-	-	18	-	-	-	-
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																																												
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<p align="center">ABS # 2 (1401)</p> <p align="center">(LOCATED ON RIGHT-SIDE KICK PANEL ABS MODULE)</p> <div align="center">  </div> <p align="center">CONNECTOR 3596929C1</p>	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>A94B</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>2</td><td>A94</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>3</td><td>A94A</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>4</td><td>A94K</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>5</td><td>A94C</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>6</td><td>A94J</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>7</td><td>A94H</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>8</td><td>A94D</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>9</td><td>A94BK</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>10</td><td>A94BL</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>11</td><td>A94E</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>12</td><td>A94BB</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>13</td><td>A94BJ</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>14</td><td>A94F</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>15</td><td>A94BE</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>16</td><td>A94BC</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>17</td><td>A94BA</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>18</td><td>A94BD</td><td>16</td><td>GY</td><td>3598073C1</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	1	A94B	18	GY	3598072C1	2	A94	18	GY	3598072C1	3	A94A	18	GY	3598072C1	4	A94K	18	GY	3598072C1	5	A94C	16	GY	3598073C1	6	A94J	18	GY	3598072C1	7	A94H	18	GY	3598072C1	8	A94D	16	GY	3598073C1	9	A94BK	18	GY	3598072C1	10	A94BL	18	GY	3598072C1	11	A94E	16	GY	3598073C1	12	A94BB	18	GY	3598072C1	13	A94BJ	18	GY	3598072C1	14	A94F	16	GY	3598073C1	15	A94BE	16	GY	3598073C1	16	A94BC	18	GY	3598072C1	17	A94BA	18	GY	3598072C1	18	A94BD	16	GY	3598073C1
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																																												
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<p align="center">ABS # 3 (1402)</p> <p align="center">(LOCATED ON RIGHT-SIDE KICK PANEL ABS MODULE)</p> <div align="center">  </div> <p align="center">CONNECTOR 3596928C1</p>	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>A94SK</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>A94SJ</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>11</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>12</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>13</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>14</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>15</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	-	-	-	-	3	A94SK	18	GY	3598072C1	4	-	-	-	-	5	A94SJ	18	GY	3598072C1	6	-	-	-	-	7	-	-	-	-	8	-	-	-	-	9	-	-	-	-	10	-	-	-	-	11	-	-	-	-	12	-	-	-	-	13	-	-	-	-	14	-	-	-	-	15	-	-	-	-
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																													
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					U00K640	PROSTAR CIRCUIT DIAGRAM
					RELEASE NO.	PART NO.
					59637L	06SEP06 AF08-55906
						SHEET 22

**Figure 212 Connector Composites (1400), (1401), (1402)**

## 14.24. CONNECTOR COMPOSITES (1403), (1410), (1420), P. 23

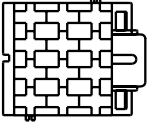
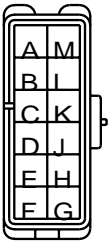
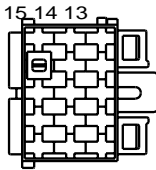
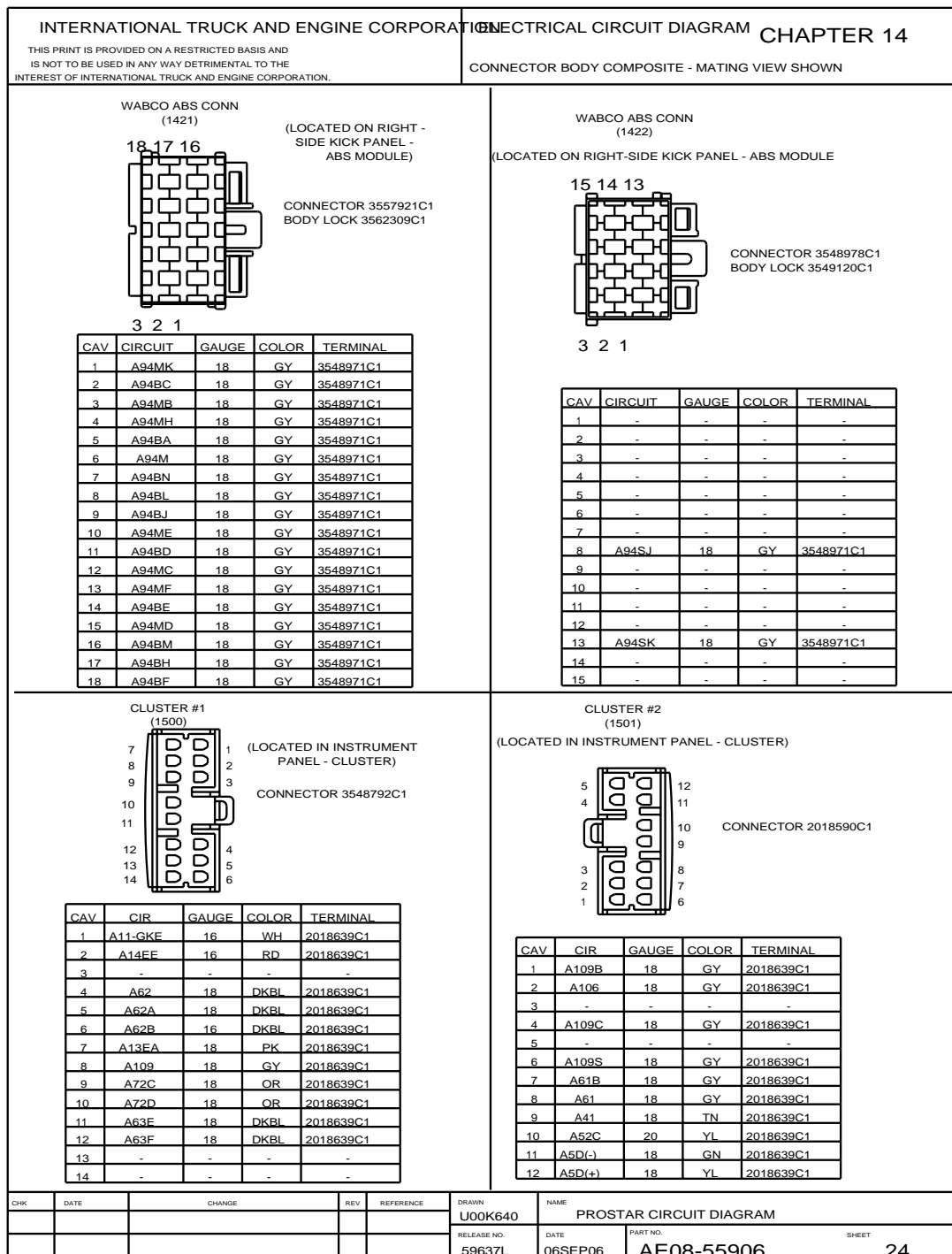
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																																	
<small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																	
<div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><p style="text-align: center;">ABS #4 (1403) (LOCATED ON RIGHT-SIDE KICK PANEL ABS MODULE)</p><div style="text-align: center;"><p>12 11 10 3 2 1</p></div><p style="text-align: center;">CONNECTOR 3596927C1</p></div><div style="width: 50%;"><table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>A94SZD</td><td>16</td><td>GY</td><td>3598073C1</td></tr><tr><td>2</td><td>A94SE</td><td>18</td><td>GY</td><td>3598072C1</td></tr><tr><td>3</td><td>A94SH</td><td>16</td><td>GY</td><td>3598073C1</td></tr><tr><td>4</td><td>A94SVD</td><td>16</td><td>GY</td><td>3598073C1</td></tr><tr><td>5</td><td>A94SF</td><td>16</td><td>GY</td><td>3598073C1</td></tr><tr><td>6</td><td>A94SL</td><td>18</td><td>GY</td><td>3598072C1</td></tr><tr><td>7</td><td>A94SDA</td><td>18</td><td>GY</td><td>3598072C1</td></tr><tr><td>8</td><td>A94SBA</td><td>18</td><td>GY</td><td>3598072C1</td></tr><tr><td>9</td><td>A94SM</td><td>18</td><td>GY</td><td>3598072C1</td></tr><tr><td>10</td><td>A94SCA</td><td>18</td><td>GY</td><td>3598072C1</td></tr><tr><td>11</td><td>A94SAA</td><td>18</td><td>GY</td><td>3598072C1</td></tr><tr><td>12</td><td>A94SN</td><td>18</td><td>GY</td><td>3598072C1</td></tr></tbody></table></div></div>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	A94SZD	16	GY	3598073C1	2	A94SE	18	GY	3598072C1	3	A94SH	16	GY	3598073C1	4	A94SVD	16	GY	3598073C1	5	A94SF	16	GY	3598073C1	6	A94SL	18	GY	3598072C1	7	A94SDA	18	GY	3598072C1	8	A94SBA	18	GY	3598072C1	9	A94SM	18	GY	3598072C1	10	A94SCA	18	GY	3598072C1	11	A94SAA	18	GY	3598072C1	12	A94SN	18	GY	3598072C1															
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<div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><p style="text-align: center;">ABS ATC &amp; RSP SPLICE PACK (1410) (LOCATED IN INSTRUMENT PANEL - CENTER)</p><div style="text-align: center;"><p>A M B L C K D J E H F G</p></div><p style="text-align: center;">CONNECTOR 3601838C1 BODY LOCK 3601839C1</p></div><div style="width: 50%;"><p style="text-align: center;">WABCO ABS CONN (1420) (LOCATED ON RIGHT-SIDE KICK PANEL - ABS MODULE)</p><div style="text-align: center;"><p>15 14 13 3 2 1</p></div><p style="text-align: center;">CONNECTOR 3557922C1 BODY LOCK 3549120C1</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>A5N(-)</td><td>18</td><td>GN</td><td>3548971C1</td></tr><tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>3</td><td>A5N(+)</td><td>18</td><td>YL</td><td>3548971C1</td></tr><tr><td>4</td><td>A94-GB</td><td>18</td><td>WH</td><td>3548971C1</td></tr><tr><td>5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>7</td><td>A94V</td><td>18</td><td>GY</td><td>3548971C1</td></tr><tr><td>8</td><td>A94AY</td><td>18</td><td>GY</td><td>3548971C1</td></tr><tr><td>9</td><td>A94-GA</td><td>18</td><td>WH</td><td>3548969C1</td></tr><tr><td>10</td><td>A3BA(-)</td><td>18</td><td>GY</td><td>3548971C1</td></tr><tr><td>11</td><td>A3BA(+)</td><td>18</td><td>DK BL</td><td>3548971C1</td></tr><tr><td>12</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>13</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>14</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>15</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table></div></div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A5N(-)	18	GN	3548971C1	2	-	-	-	-	3	A5N(+)	18	YL	3548971C1	4	A94-GB	18	WH	3548971C1	5	-	-	-	-	6	-	-	-	-	7	A94V	18	GY	3548971C1	8	A94AY	18	GY	3548971C1	9	A94-GA	18	WH	3548969C1	10	A3BA(-)	18	GY	3548971C1	11	A3BA(+)	18	DK BL	3548971C1	12	-	-	-	-	13	-	-	-	-	14	-	-	-	-	15	-	-	-	-
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																	
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6	-	-	-	-																																																																																	
7	A94V	18	GY	3548971C1																																																																																	
8	A94AY	18	GY	3548971C1																																																																																	
9	A94-GA	18	WH	3548969C1																																																																																	
10	A3BA(-)	18	GY	3548971C1																																																																																	
11	A3BA(+)	18	DK BL	3548971C1																																																																																	
12	-	-	-	-																																																																																	
13	-	-	-	-																																																																																	
14	-	-	-	-																																																																																	
15	-	-	-	-																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>CHK</th><th>DATE</th><th>CHANGE</th><th>REV</th><th>REFERENCE</th><th>DRAWN</th><th>NAME</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td><td>U00K640</td><td>PROSTAR CIRCUIT DIAGRAM</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>59637L</td><td>06SEP06</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>PART NO.</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>AF08-55906</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>SHEET</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>23</td></tr></tbody></table>						CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME						U00K640	PROSTAR CIRCUIT DIAGRAM						RELEASE NO.	DATE						59637L	06SEP06							PART NO.							AF08-55906							SHEET							23																								
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Figure 213 Connector Composites (1403), (1410), (1420)

## 14.25. CONNECTOR COMPOSITES (1421), (1422), (1500), (1501), P. 24



**Figure 214 Connector Composites (1421), (1422), (1500), (1501)**

## 14.26. CONNECTOR COMPOSITES (1502), (1510), P. 25

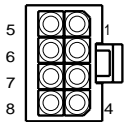
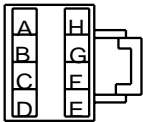
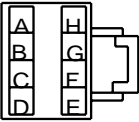
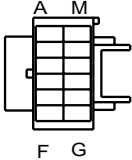
<p>INTERNATIONAL TRUCK AND ENGINE CORPORATION</p> <p style="font-size: small;">THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</p>	<p>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</p> <p>CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN</p>																																													
<div style="text-align: center;"> <p>SECONDARY INSTRUMENT CLUSTER (1502) (LOCATED IN INSTRUMENT PANEL - CENTER)</p>  <p>CONNECTOR 3534177C1</p> </div> <table border="1" style="margin-left: auto; margin-right: auto; font-size: small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>A14EF</td><td>18</td><td>RD</td><td>3534193C1</td></tr> <tr><td>2</td><td>A13EH</td><td>18</td><td>PK</td><td>3534193C1</td></tr> <tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>A5J(-)</td><td>18</td><td>GN</td><td>3534193C1</td></tr> <tr><td>5</td><td>A11-GSF</td><td>16</td><td>WH</td><td>3534193C1</td></tr> <tr><td>6</td><td>A62BH</td><td>18</td><td>DKBL</td><td>3534193C1</td></tr> <tr><td>7</td><td>A5J(+)</td><td>18</td><td>YL</td><td>3534193C1</td></tr> <tr><td>8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERMINAL	1	A14EF	18	RD	3534193C1	2	A13EH	18	PK	3534193C1	3	-	-	-	-	4	A5J(-)	18	GN	3534193C1	5	A11-GSF	16	WH	3534193C1	6	A62BH	18	DKBL	3534193C1	7	A5J(+)	18	YL	3534193C1	8	-	-	-	-
CAV	CIR	GAUGE	COLOR	TERMINAL																																										
1	A14EF	18	RD	3534193C1																																										
2	A13EH	18	PK	3534193C1																																										
3	-	-	-	-																																										
4	A5J(-)	18	GN	3534193C1																																										
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7	A5J(+)	18	YL	3534193C1																																										
8	-	-	-	-																																										
<div style="text-align: center;"> <p>RIGHT BANK OPTIONAL WARNING LIGHTS (1510) (LOCATED IN INSTRUMENT PANEL - RIGHT REAR OF CLUSTER)</p>  <p>CONNECTOR 2005835C1 BODY LOCK 2006503C1</p> </div> <table border="1" style="margin-left: auto; margin-right: auto; font-size: small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A63-GC</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>B</td><td>A13BA</td><td>20</td><td>PK</td><td>1661208C1</td></tr> <tr><td>C</td><td>A13BB</td><td>20</td><td>PK</td><td>1661208C1</td></tr> <tr><td>D</td><td>A13BC</td><td>20</td><td>PK</td><td>1661208C1</td></tr> <tr><td>E</td><td>A49</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>F</td><td>A24A</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>G</td><td>A49A</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>H</td><td>A63AW</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERMINAL	A	A63-GC	18	WH	1661208C1	B	A13BA	20	PK	1661208C1	C	A13BB	20	PK	1661208C1	D	A13BC	20	PK	1661208C1	E	A49	18	GY	1661208C1	F	A24A	18	GY	1661208C1	G	A49A	18	GY	1661208C1	H	A63AW	18	DKBL	1661208C1
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A	A63-GC	18	WH	1661208C1																																										
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H	A63AW	18	DKBL	1661208C1																																										
<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>U00K640</td> <td>PROSTAR CIRCUIT DIAGRAM</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>59637L</td> <td>06SEP06</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>AF08-55906</td> <td>25</td> </tr> </table>		CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME						U00K640	PROSTAR CIRCUIT DIAGRAM						RELEASE NO.	DATE						59637L	06SEP06						PART NO.	SHEET						AF08-55906	25			
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					PART NO.	SHEET																																								
					AF08-55906	25																																								

Figure 215 Connector Composites (1502), (1510)

## 14.27. CONNECTOR COMPOSITES (1511), (1550), P. 26

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>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</b> CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																									
<div style="text-align: center; margin-bottom: 20px;"> <p>LEFT BANK OPTIONAL WARNING LIGHTS (1511) (LOCATED IN INSTRUMENT PANEL - LEFT REAR OF CLUSTER)</p>  <p>CONNECTOR 2005835C1 BODY LOCK 2006503C1</p> </div> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A*</td><td>A97W</td><td>18</td><td>PL</td><td>1661208C1</td></tr> <tr><td>A#</td><td>A1A</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>B</td><td>A13BD</td><td>20</td><td>PK</td><td>1661208C1</td></tr> <tr><td>C</td><td>A13BE</td><td>20</td><td>PK</td><td>1661208C1</td></tr> <tr><td>D</td><td>A13BF</td><td>20</td><td>PK</td><td>1661208C1</td></tr> <tr><td>E</td><td>A49</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>F@</td><td>A98F</td><td>18</td><td>BK</td><td>1661208C1</td></tr> <tr><td>F@@</td><td>A98F</td><td>18</td><td>TN</td><td>1661208C1</td></tr> <tr><td>F##</td><td>A98F</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr> <tr><td>G</td><td>A49A</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>H*</td><td>A97V</td><td>18</td><td>PL</td><td>1661208C1</td></tr> <tr><td>H#</td><td>A1</td><td>18</td><td>LTBL</td><td>1661208C1</td></tr> </tbody> </table> <p style="font-size: 8px; margin-top: 10px;">       @@ W/ SLEEPER CAB        @ W/ DAY CAB        * W/ IDLE REDUCTION        # ALTERNATOR WARNING LIGHT        ## MOTIENT MOBILE MAX - SLEEPER / DAYCAB     </p>								CAV	CIR	GAUGE	COLOR	TERMINAL	A*	A97W	18	PL	1661208C1	A#	A1A	18	PK	1661208C1	B	A13BD	20	PK	1661208C1	C	A13BE	20	PK	1661208C1	D	A13BF	20	PK	1661208C1	E	A49	18	GY	1661208C1	F@	A98F	18	BK	1661208C1	F@@	A98F	18	TN	1661208C1	F##	A98F	18	LTGN	1661208C1	G	A49A	18	GY	1661208C1	H*	A97V	18	PL	1661208C1	H#	A1	18	LTBL	1661208C1					
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																									
A*	A97W	18	PL	1661208C1																																																																									
A#	A1A	18	PK	1661208C1																																																																									
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C	A13BE	20	PK	1661208C1																																																																									
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F@@	A98F	18	TN	1661208C1																																																																									
F##	A98F	18	LTGN	1661208C1																																																																									
G	A49A	18	GY	1661208C1																																																																									
H*	A97V	18	PL	1661208C1																																																																									
H#	A1	18	LTBL	1661208C1																																																																									
<div style="text-align: center; margin-bottom: 20px;"> <p>VEHICLE INFORMATION DISPLAY (1550) (LOCATED IN INSTRUMENT PANEL - CENTER)</p>  <p>CONNECTOR 3609945C1 BODY LOCK 3609946C1 3609947C1</p> </div> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B</td><td>A12C</td><td>18</td><td>LTBL</td><td>3522073C1</td></tr> <tr><td>C</td><td>A5L(-)</td><td>18</td><td>GN</td><td>3522073C1</td></tr> <tr><td>D</td><td>A3BC(+)</td><td>20</td><td>DKBL</td><td>3534303C1</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>H</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>J</td><td>A11-GKH</td><td>18</td><td>WH</td><td>3522073C1</td></tr> <tr><td>K</td><td>A3BC(-)</td><td>20</td><td>GY</td><td>3534303C1</td></tr> <tr><td>L</td><td>A5L(+)</td><td>18</td><td>YL</td><td>3522073C1</td></tr> <tr><td>M*</td><td>A14SE</td><td>18</td><td>RD</td><td>3522073C1</td></tr> <tr><td>M</td><td>A14SE</td><td>18</td><td>PK</td><td>3522073C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: 8px; margin-top: 10px;">* W/ TIRE PRESSURE</p>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	-	-	-	-	B	A12C	18	LTBL	3522073C1	C	A5L(-)	18	GN	3522073C1	D	A3BC(+)	20	DKBL	3534303C1	E	-	-	-	-	F	-	-	-	-	G	-	-	-	-	H	-	-	-	-	J	A11-GKH	18	WH	3522073C1	K	A3BC(-)	20	GY	3534303C1	L	A5L(+)	18	YL	3522073C1	M*	A14SE	18	RD	3522073C1	M	A14SE	18	PK	3522073C1
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																									
A	-	-	-	-																																																																									
B	A12C	18	LTBL	3522073C1																																																																									
C	A5L(-)	18	GN	3522073C1																																																																									
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																							
RAW6	19NOV07	REVISED AND REDRAWN	B	50297W	U00K640	CIRCUIT DIAGRAM, PROSTAR																																																																							
RELEASE NO.					DATE	PART NO.	SHEET																																																																						
59637L					06SEP06	AE08055906	026																																																																						

**Figure 216 Connector Composites (1511), (1550)**



## 14.28. CONNECTOR COMPOSITES (1600), P. 27

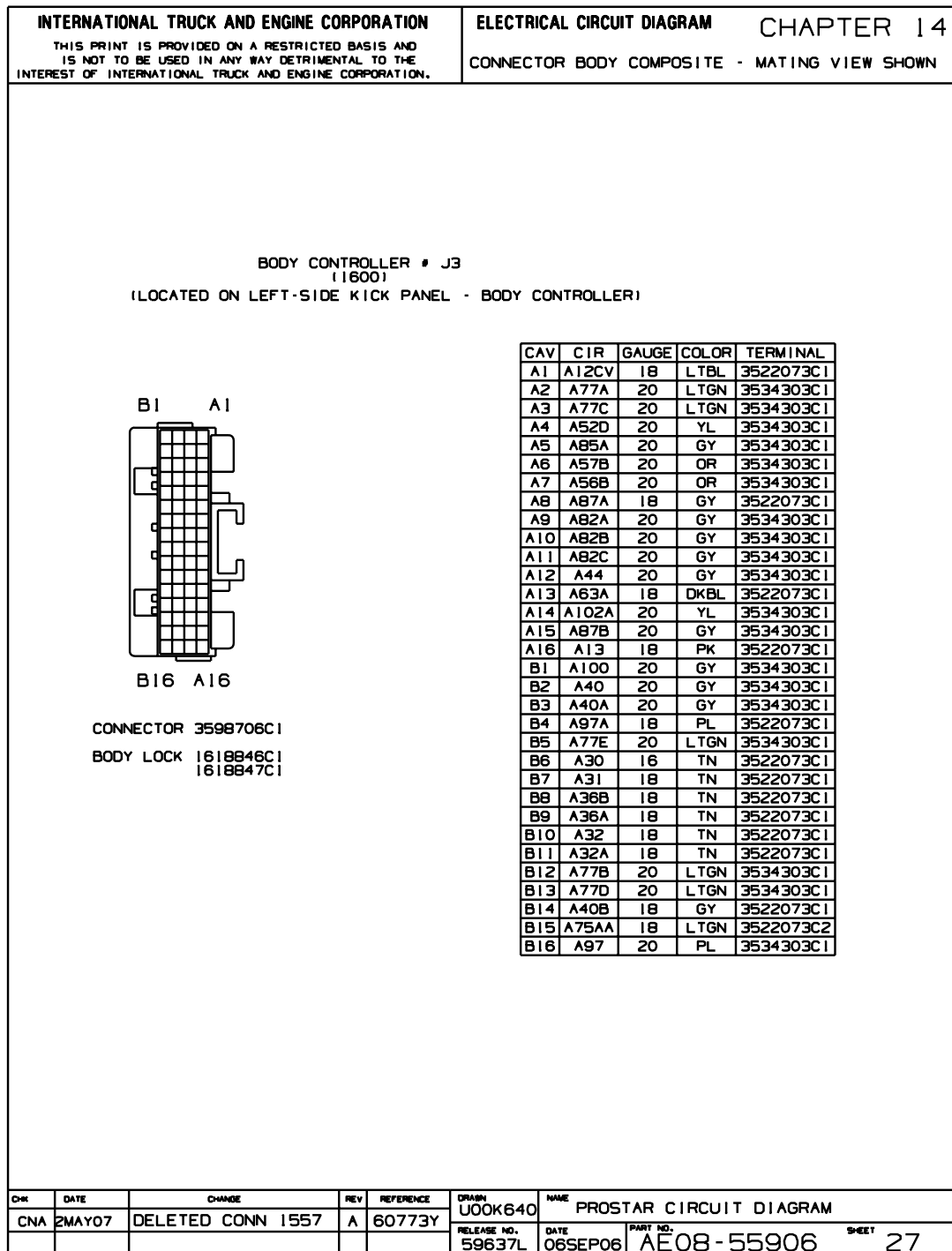
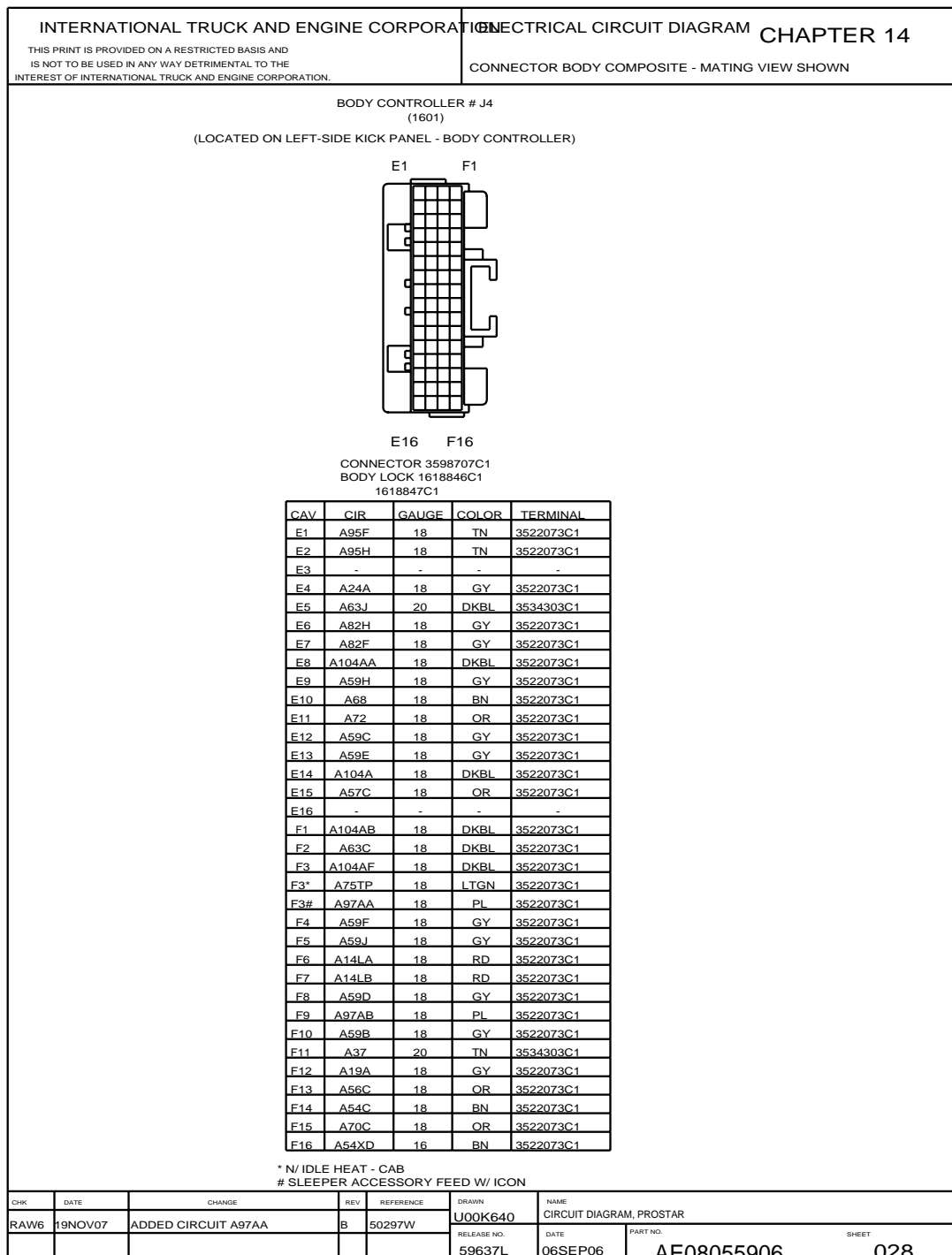


Figure 217 Connector Composites (1600)

## 14.29. CONNECTOR COMPOSITE (1601), P. 28



**Figure 218 Connector Composite (1601)**

## 14.30. CONNECTOR COMPOSITE (1602), P. 29

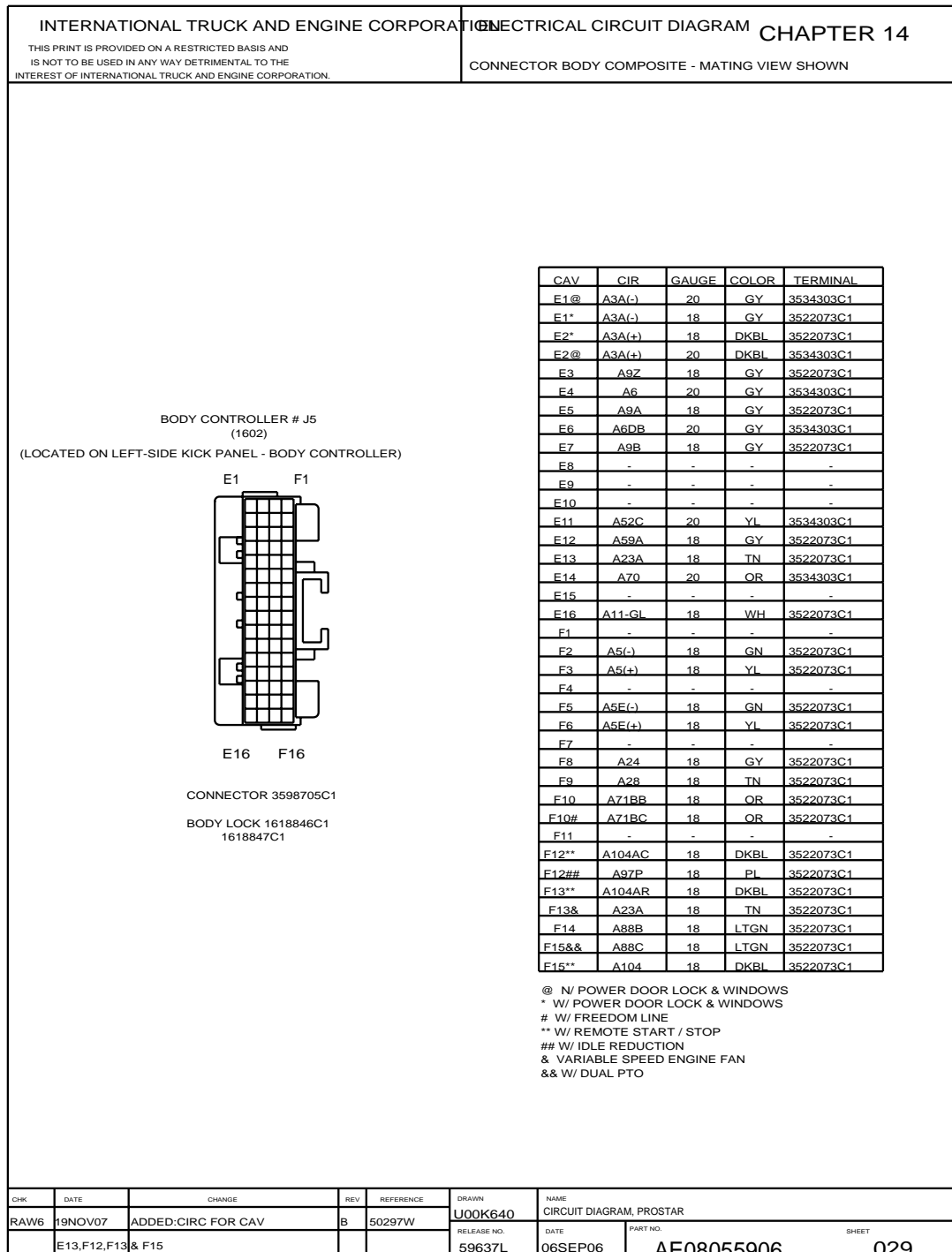


Figure 219 Connector Composite (1602)

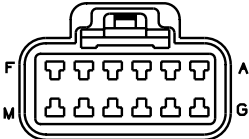
## 14.31. CONNECTOR COMPOSITES (1603), (1604), P. 30

<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> <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>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 14</b>	
				<b>CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN</b>			

BODY CONTROLLER # J1  
(1603)

(LOCATED ON LEFT - SIDE TRIM KICK PANEL - BODY CONTROLLER)



CONNECTOR 3598711C1


CAV	CIR	GAUGE	COLOR	TERMINAL
A●	A57	16	OR	3544876C1
A•	A57N	16	OR	3544876C1
B●	A56	16	OR	3544876C1
B•	A56N	16	OR	3544876C1
C	A77	18	LTGN	3544876C1
D	A56A	14	OR	3544877C1
E	A85	16	GY	3544876C1
F	A64A	16	YL	3544876C1
G	A65	18	OR	3544876C1
G#	A65AA	16	OR	3544876C1
H	A78A	16	LTGN	3544876C1
J	-	-	-	-
K	A64B	16	YL	3544876C1
L	A78B	16	LTGN	3544876C1
M	A57A	14	OR	3544877C1

● N/ COLLISION WARNING  
• W/ MIRROR MTD TURN  
# W/ CUSTOMER SUPPLIED LIGHT

BODY CONTROLLER # J2  
(1604)

(LOCATED ON LEFT-SIDE TRIM KICK PANEL - BODY CONTROLLER)



CONNECTOR 3598707C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	A82	16	GY	3544876C1
B●	A53AA	14	YL	3544877C1
B•	A53A	14	YL	3544877C1
C●	A52AA	14	YL	3544877C1
C•	A52A	14	YL	3544877C1
D	-	-	-	-
E	A11-GKC	12	WH	3544877C1
F#	A58C	16	BN	3544876C1
F##	A58C	18	BN	3544876C1
G	A54	16	BN	3544876C1
H	A53B	14	YL	3544877C1
J	A63	18	DKBL	3544876C1
K	A52B	14	YL	3544877C1

● W/ TRIP MASTER  
• N/ TRIP MASTER  
# W/ DAY CAB AIR SHIELD  
## W/ SLEEPER CAB AIR SHIELD

CHG	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA	2MAY07	REVISED CONNECTOR	A	60773Y	U00K640	PROSTAR CIRCUIT DIAGRAM
					RELEASE NO.	PART NO.
LOCATION INFORMATION					59637L	AE08-55906
					DATE	SHEET
					06SEP06	30

Figure 220 Connector Composites (1603), (1604)

# 14.32. CONNECTOR COMPOSITES (1620), (1650), (1657), P. 31


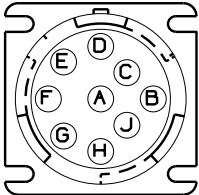

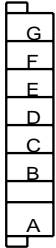
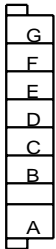
<p><b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b></p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</p>	<p><b>ELECTRICAL CIRCUIT DIAGRAM</b>      <b>CHAPTER 14</b></p> <p>CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN</p>																																																		
<p><b>ZERO VOLT REFERENCE SPLICE</b> (1620) (LOCATED IN INSTRUMENT PANEL - CENTER)</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  </div> <div> <table border="1" style="font-size: 8px; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A9Z</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>B</td><td>A9ZA</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>C</td><td>A9ZB</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>D</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> </div> </div> <p style="margin-top: 10px;">CONNECTOR 2006789C1 BODY LOCK 2006792C1</p>		CAV	CIR	GAUGE	COLOR	TERMINAL	A	A9Z	18	GY	1661208C1	B	A9ZA	18	GY	1661208C1	C	A9ZB	18	GY	1661208C1	D	-	-	-	-	E	-	-	-	-	F	-	-	-	-	G	-	-	-	-										
CAV	CIR	GAUGE	COLOR	TERMINAL																																															
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D	-	-	-	-																																															
E	-	-	-	-																																															
F	-	-	-	-																																															
G	-	-	-	-																																															
<p><b>DIAGNOSTIC CONNECTOR</b> (1650) (LOCATED UNDER INSTRUMENT PANEL LEFT OF STEERING COLUMN)</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  </div> <div> <table border="1" style="font-size: 8px; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A9B-G</td><td>18</td><td>WH</td><td>1651968C1</td></tr> <tr><td>B</td><td>A9B-H</td><td>18</td><td>BK</td><td>1651968C1</td></tr> <tr><td>C</td><td>A5B(+)</td><td>18</td><td>YL</td><td>1651968C1</td></tr> <tr><td>D</td><td>A5B(-)</td><td>18</td><td>GN</td><td>1651968C1</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>A3B(+)</td><td>18</td><td>DKBL</td><td>1651968C1</td></tr> <tr><td>G</td><td>A3B(-)</td><td>18</td><td>GY</td><td>1651968C1</td></tr> <tr><td>H</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>J</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> </div> </div> <p style="margin-top: 10px;">CONNECTOR 3544066C1</p>		CAV	CIR	GAUGE	COLOR	TERMINAL	A	A9B-G	18	WH	1651968C1	B	A9B-H	18	BK	1651968C1	C	A5B(+)	18	YL	1651968C1	D	A5B(-)	18	GN	1651968C1	E	-	-	-	-	F	A3B(+)	18	DKBL	1651968C1	G	A3B(-)	18	GY	1651968C1	H	-	-	-	-	J	-	-	-	-
CAV	CIR	GAUGE	COLOR	TERMINAL																																															
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B	A9B-H	18	BK	1651968C1																																															
C	A5B(+)	18	YL	1651968C1																																															
D	A5B(-)	18	GN	1651968C1																																															
E	-	-	-	-																																															
F	A3B(+)	18	DKBL	1651968C1																																															
G	A3B(-)	18	GY	1651968C1																																															
H	-	-	-	-																																															
J	-	-	-	-																																															
<p><b>J1939 PUBLIC TERMINATING RESISTOR</b> (1657) (LOCATED IN INSTRUMENT PANEL OPPOSITE TO FUSEBLOCK - CENTER)</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  </div> <div> <table border="1" style="font-size: 8px; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A55B(+)</td><td>18</td><td>YL</td><td>1661875C1</td></tr> <tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>A55B(-)</td><td>18</td><td>GN</td><td>1661875C1</td></tr> </tbody> </table> </div> </div> <p style="margin-top: 10px;">CONNECTOR 1667741C1 BODY LOCK 1667771C1</p>		CAV	CIR	GAUGE	COLOR	TERMINAL	A	A55B(+)	18	YL	1661875C1	B	-	-	-	-	C	A55B(-)	18	GN	1661875C1																														
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Figure 221 Connector Composites (1620), (1650), (1657)

### 14.33. CONNECTOR COMPOSITES (1660), (1661), P. 32

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>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</b> CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																				
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p align="center">J1708 PUBLIC(+) CONNECTOR (1660) (LOCATED IN INSTRUMENT PANEL LEFT SIDE)</p>  </div> <div style="width: 65%;"> <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A3B(+)</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>B*</td><td>A98A(+)</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>B</td><td>A3BA(+)</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>B**</td><td>A3BD(+)</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>C</td><td>A3H(+)</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>D#</td><td>A3BC(+)</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>D##</td><td>A3BC(+)</td><td>20</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>E@</td><td>A3BN(+)</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>E</td><td>A3BD(+)</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>F*</td><td>A3BE(+)</td><td>20</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>F**</td><td>A3BD(+)</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>G</td><td>A3BF(+)</td><td>20</td><td>DKBL</td><td>1661208C1</td></tr> </tbody> </table> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 30%;"> <p>CONNECTOR 2006789C1 BODY LOCK 2006792C1</p> </div> <div style="width: 65%;"> <p>* W/ DAY CAB ** W/ SLEEPER # W/ CAT ENGINE DISPLAY ## W/ CUMMINS ENGINE DISPLAY @ W/ TELEMATICS</p> </div> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	A3B(+)	18	DKBL	1661208C1	B*	A98A(+)	18	DKBL	1661208C1	B	A3BA(+)	18	DKBL	1661208C1	B**	A3BD(+)	18	DKBL	1661208C1	C	A3H(+)	18	DKBL	1661208C1	D#	A3BC(+)	18	DKBL	1661208C1	D##	A3BC(+)	20	DKBL	1661208C1	E@	A3BN(+)	18	DKBL	1661208C1	E	A3BD(+)	18	DKBL	1661208C1	F*	A3BE(+)	20	DKBL	1661208C1	F**	A3BD(+)	18	DKBL	1661208C1	G	A3BF(+)	20	DKBL	1661208C1
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C	A3H(+)	18	DKBL	1661208C1																																																																				
D#	A3BC(+)	18	DKBL	1661208C1																																																																				
D##	A3BC(+)	20	DKBL	1661208C1																																																																				
E@	A3BN(+)	18	DKBL	1661208C1																																																																				
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CAV	CIR	GAUGE	COLOR	TERMINAL																																																																				
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G	A3BE(-)	20	GY	1661208C1																																																																				
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN U00K640	NAME PROSTAR CIRCUIT DIAGRAM																																																																		
					RELEASE NO. 59637L	DATE 06SEP06	PART NO. AF08-55906																																																																	
						SHEET 32																																																																		

**Figure 222 Connector Composites (1660), (1661)**

## 14.34. CONNECTOR COMPOSITE (1700), P. 33

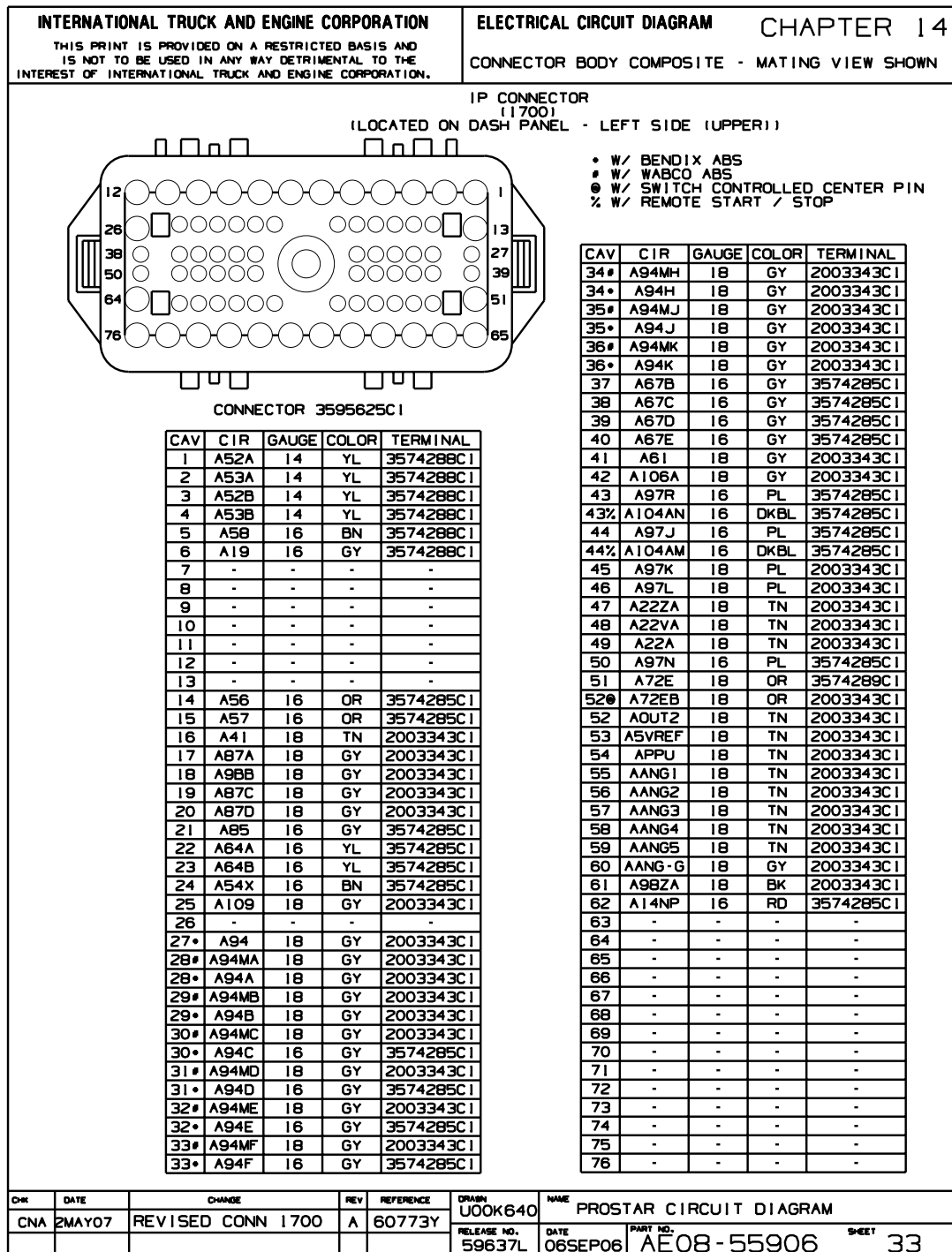


Figure 223 Connector Composite (1700)

14.35. CONNECTOR COMPOSITE (1700), P. 34

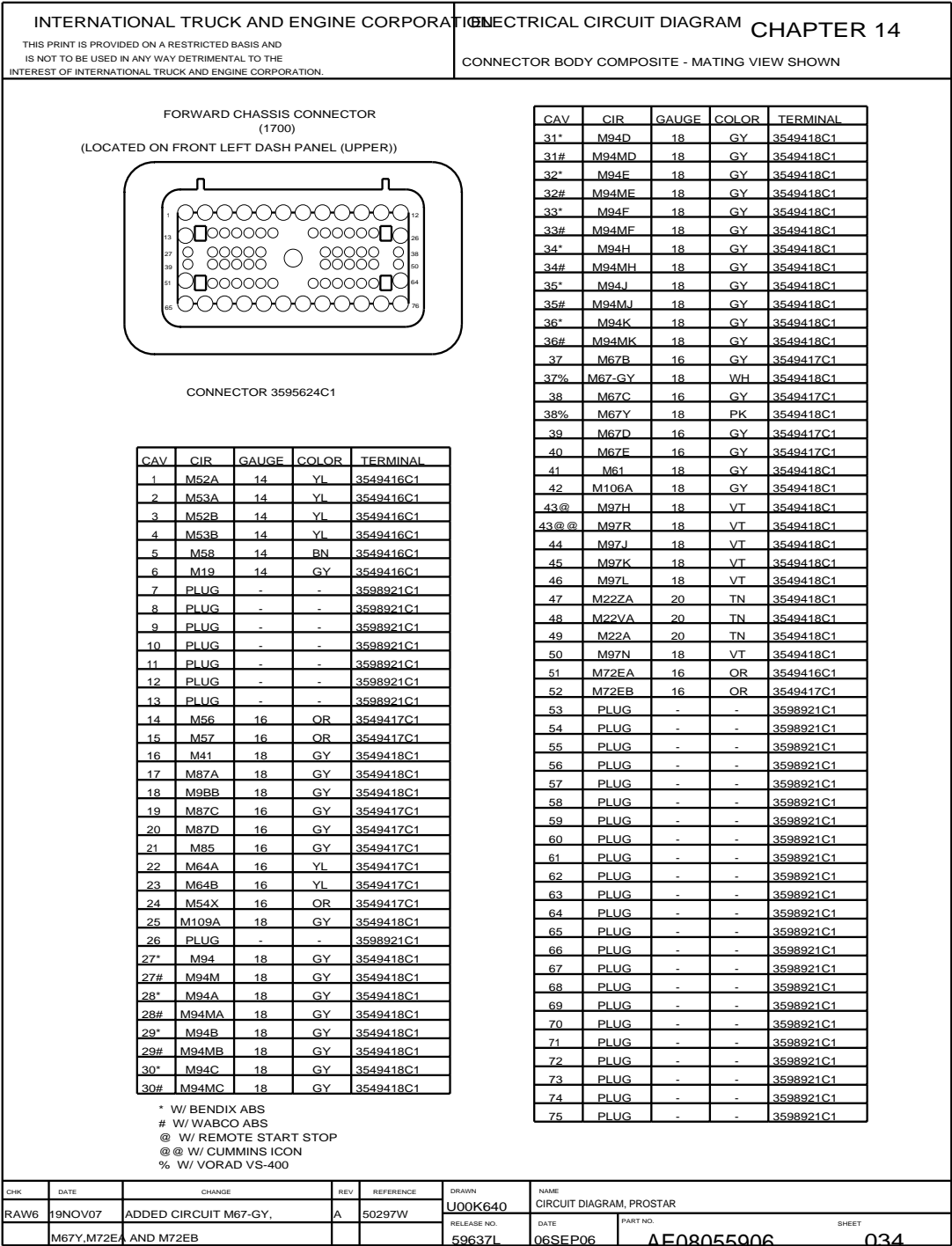


Figure 224 Connector Composite (1700)



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**ELECTRICAL CIRCUIT DIAGRAM**

**CHAPTER 14**

**CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN**

**IP CONNECTOR (1701)**

(LOCATED ON DASH PANEL - LEFT SIDE (LOWER))

\* W/ BENDIX ABS  
 @ W/ WABCO ABS  
 # W/ STANDARD BACKUP LIGHTS  
 @@ W/ DAY CAB CUSTOMER SUPPLIED  
 % W/ VORAD VS-400 COLLISION AVOIDANCE

CAV	CIR	GAUGE	COLOR	TERMINAL
1#	A71B	16	OR	3574288C1
1	A71BA	16	OR	3574288C1
2	A56A	14	OR	3574288C1
3	A57A	14	OR	3574288C1
4	A68A	14	BN	3574288C1
5	A56T	12	OR	3574287C1
6	A57T	12	OR	3574287C1
7	A58T	12	BN	3574287C1
8	A68T	12	BN	3574287C1
9	A70T	12	OR	3574287C1
10	A94T	12	GY	3574287C1
11	A72V	12	OR	3574287C1
12	A67TA	18	PK	3574289C1
13	A94SJ	18	GY	3574289C1
14	A94BM	18	GY	2003343C1
15	A94BN	18	GY	2003343C1
16@	A94BE	18	GY	2003343C1
16*	A94BF	16	GY	3574285C1
17@	A94BD	18	GY	2003343C1
17*	A94BD	16	GY	3574285C1
18@	A94BH	18	GY	2003343C1
18*	A94BH	16	GY	3574285C1
19@	A94BF	18	GY	2003343C1
19*	A94BF	16	GY	3574285C1
20	A94BL	18	GY	2003343C1
21	A94BJ	18	GY	2003343C1
22	A94BK	18	GY	2003343C1
23	A94BA	18	GY	2003343C1
24	A94BB	18	GY	2003343C1
25	A94BC	18	GY	2003343C1
26	-	-	-	-
27	A36B	18	TN	2003343C1
28	A9BC	18	GY	2003343C1

CAV	CIR	GAUGE	COLOR	TERMINAL
29	A36A	18	TN	2003343C1
30	A37A	18	TN	2003343C1
31	A39	16	GY	3574285C1
32	A59A	18	GY	2003343C1
33	A59B	18	GY	2003343C1
34	A59C	18	GY	2003343C1
35	A59D	18	GY	2003343C1
36	A59E	18	GY	2003343C1
37	A59F	18	GY	2003343C1
38	A59H	18	GY	2003343C1
39	A59J	18	GY	2003343C1
40	A61B	18	GY	2003343C1
41	A106B	18	GY	2003343C1
42	A109B	18	GY	2003343C1
43	A32A	18	TN	2003343C1
44	A32	18	TN	2003343C1
45	A49	18	GY	2003343C1
46	A94SAB	18	GY	2003343C1
47	A94SBB	18	GY	2003343C1
48	A94SCB	18	GY	2003343C1
49	A94SDB	18	GY	2003343C1
50	A49A	18	GY	2003343C1
51	A65BC	14	OR	3574288C1
52	A22ZB	18	TN	2003343C1
53	A22VB	18	TN	2003343C1
54	A22B	18	TN	2003343C1
55	A22ZC	18	TN	2003343C1
56	A22VC	18	TN	2003343C1
57	A22C	18	TN	2003343C1
58	-	-	-	-
59	-	-	-	-
60	-	-	-	-
61	A5U(-)	18	GN	2003343C1
62	A5U(+)	18	YL	2003343C1
63	A94SZC	16	GY	3574285C1
64	-	-	-	-
65	A12U	16	LTBL	3574288C1
66	A14U	16	RD	3574288C1
67	A94SK	18	GY	3574289C1
68@@	A65	16	OR	3574288C1
68	A65	18	OR	3574289C1
69	A67H	16	GY	3574288C1
69%	A67U	18	GY	357

**Figure 225 Connector Composite (1701)**

14.37. CONNECTOR COMPOSITE (1701), P. 36

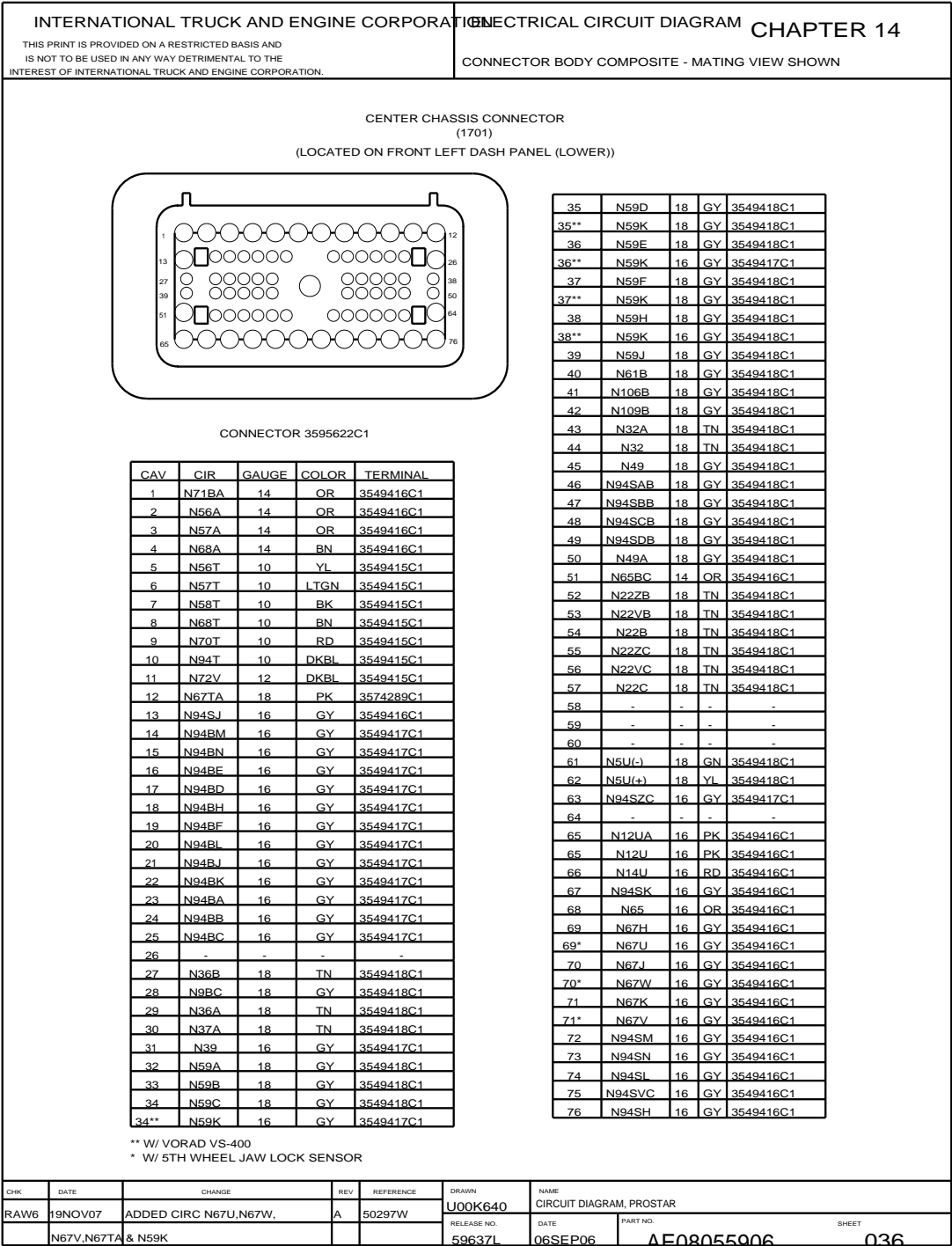


Figure 226 Connector Composite (1701)

## 14.38. CONNECTOR COMPOSITE (1702), P. 37

INTERNATIONAL TRUCK AND ENGINE CORPORATION

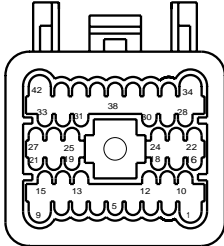
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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 14

CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN

IP CONNECTOR  
(1702)  
(LOCATED ON FRONT CENTER DASH PANEL)



CONNECTOR 3595621C1

\* MUTUALLY EXCLUSIVE  
# W/ STD BACKUP LIGHT  
## W/ WORK LIGHT FEED  
@ W/ CUMMINS ENGINE  
@@ W/ ENGINE OIL TEMPRATURE  
% W/ REMOTE START / STOP  
& W/ INTERNATIONAL ENGINE

CAV	CIR	GAUGE	COLOR	TERMINAL
1*	A97D	10	RD	3574287C1
1*	A97D	10	PL	3574287C1
2	A9AA	20	GY	2003343C1
3	A6DB	20	GY	2003343C1
4	A77B	20	LTGN	2003343C1
5	A28	18	TN	2003343C1
6#	A71A	16	OR	3574285C1
6	A71-G	18	WH	2003343C1
6##	A71A	18	OR	2003343C1
7	A71B	16	OR	3574285C1
8	A13A	16	PK	3574285C1
9*	A14A	16	RD	3574288C1
9*	A14A	12	RD	3574287C1
10	A77	18	LTGN	2003343C1
11	A5R(+)	18	YL	2003343C1
12	A1	18	LTBL	2003343C1
13	A31	18	TN	2003343C1
14	A88	18	LTGN	2003343C1
15	A95	18	TN	3573312C1
16	A17	16	PK	3574285C1
17	A5R(-)	18	GN	2003343C1
18*	A23A	18	TN	3522073C1
18*	A97A1	18	PL	3515517C1
19*	A17-GC	16	WH	3574285C1
19*	A17-GC	18	WH	2003343C1
20	A17B	18	PK	2003343C1
21	A17C	18	PK	2003343C1
22	A97C	18	PL	2003343C1
23	A97B	18	PL	2003343C1
24@	A97M	18	PL	2003343C1
24@@	A30	16	TN	3574285C1
24	A97F	16	PL	3574285C1
25	A92E	16	TN	3574285C1
26	A92F	18	TN	2003343C1
27	A92H	18	TN	2003343C1
28	A99B	18	PL	2003343C1
29	A97N	18	PL	2003343C1
30*	A99D	18	PL	2003343C1
30*	A97N	18	PL	2003343C1
31	PLUG	-	-	3508928C1
32	A97S	16	PL	3574285C1
32%	A104AL	16	DKBL	3574285C1
33	A97J	16	PL	3574285C1
33%	A104AM	16	DKBL	3574285C1
34	A97KB	14	PL	3574285C1
35	A3BA(+)	18	DKBL	2003343C1
36	A3BA(-)	18	GY	2003343C1
37	A97F	16	PL	3574285C1
37&	A97FB	16	PL	3574285C1
38	PLUG	-	-	3508928C1
39	A92A	18	TN	2003343C1
40	A92B	18	TN	2003343C1
41	A88A	18	LTGN	2003343C1
42	A97VT1	14	PL	3574288C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	08MAY08	ADDED: CAV 1-A97D PL.	C	61296K	U00K640	CIRCUIT DIAGRAM, PROSTAR
					RELEASE NO.	DATE
		CAV 30-A97N; CAV 33 WAS A97FC			59637L	06SEP06
						PART NO.
						AE08055906
						SHEET
						037

Figure 227 Connector Composite (1702)

14.39. CONNECTOR COMPOSITE (1702), P. 38

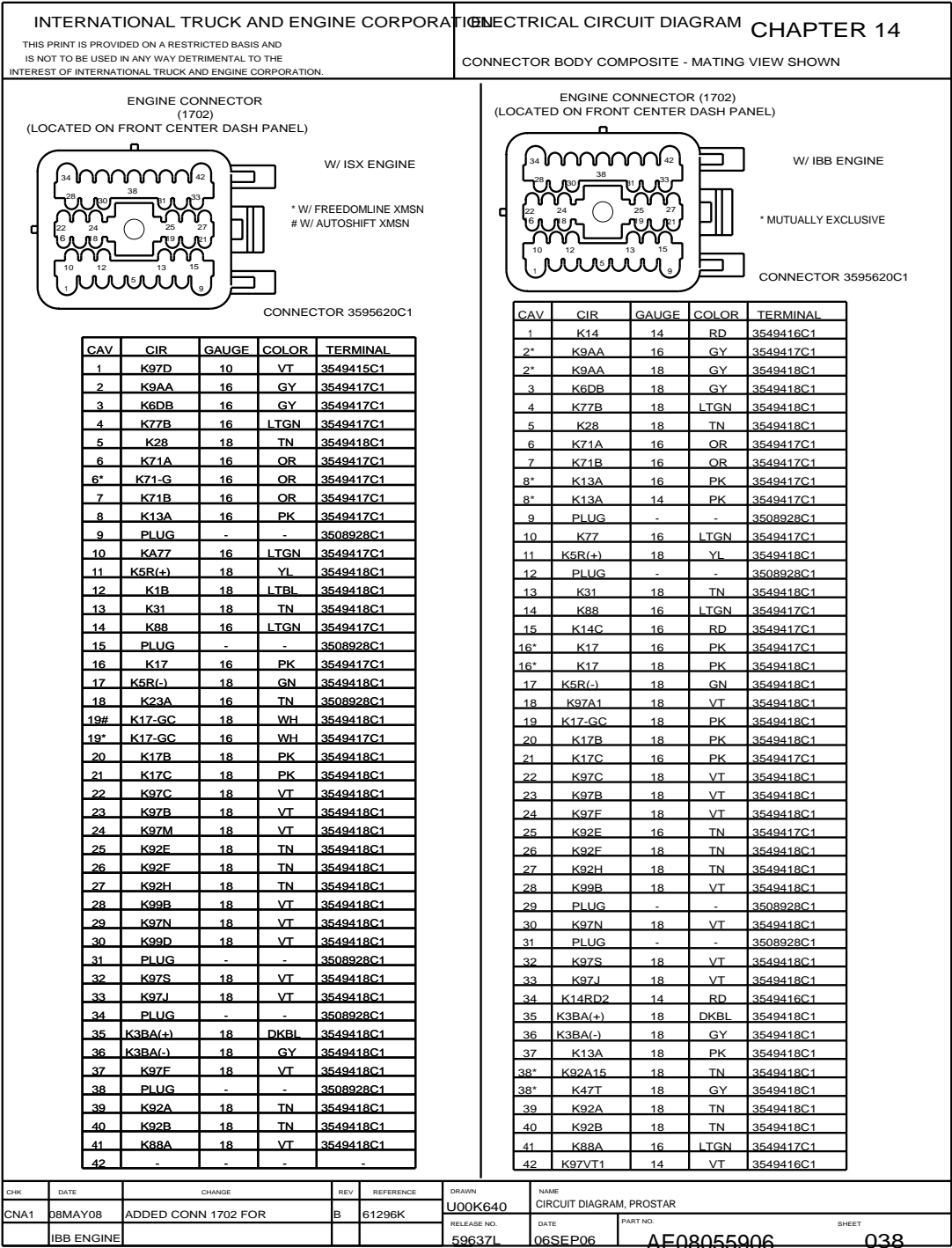


Figure 228 Connector Composite (1702)

## 14.40. CONNECTOR COMPOSITE (1800), P. 39

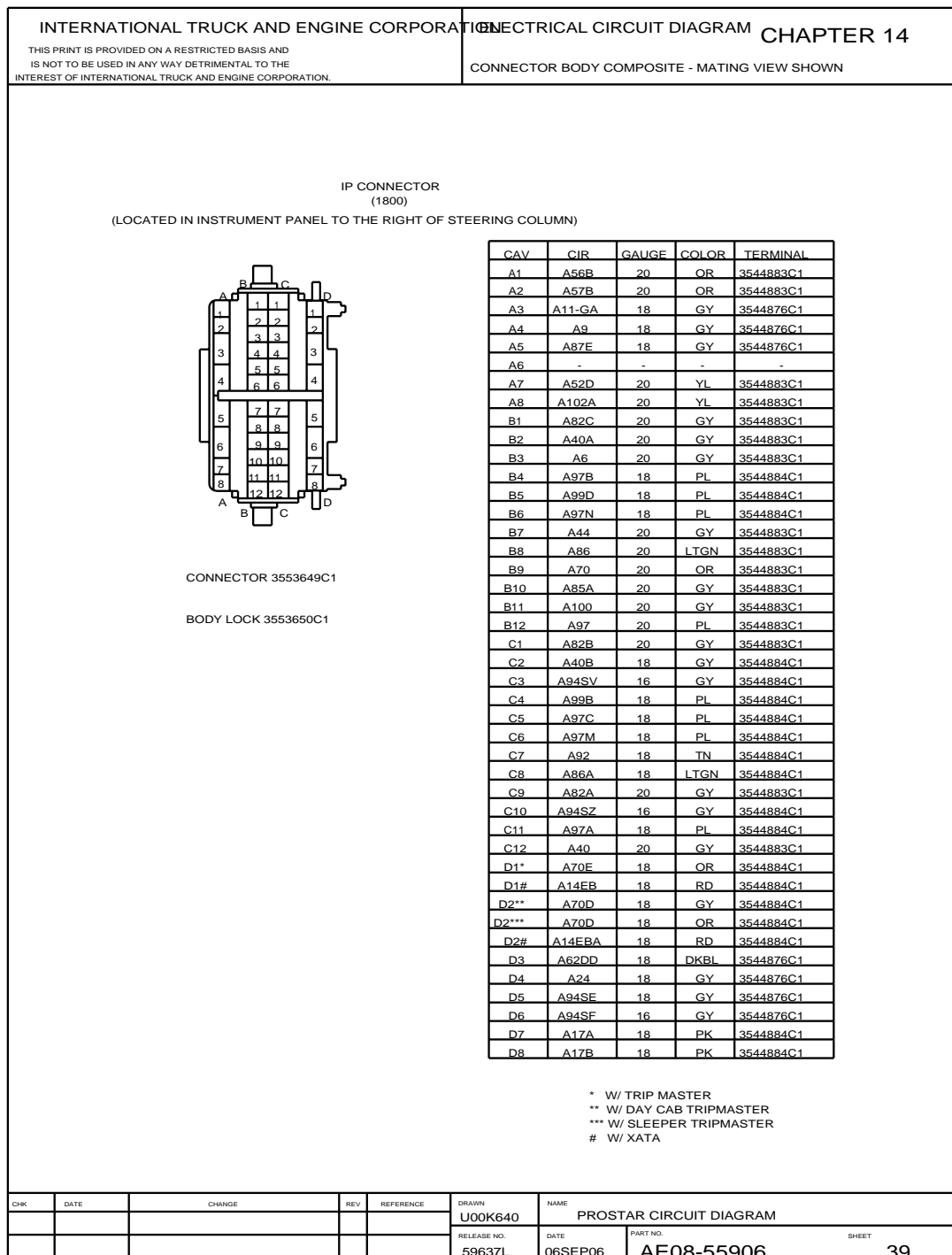


Figure 229 Connector Composite (1800)

14.41. CONNECTOR COMPOSITE (1800), P. 40

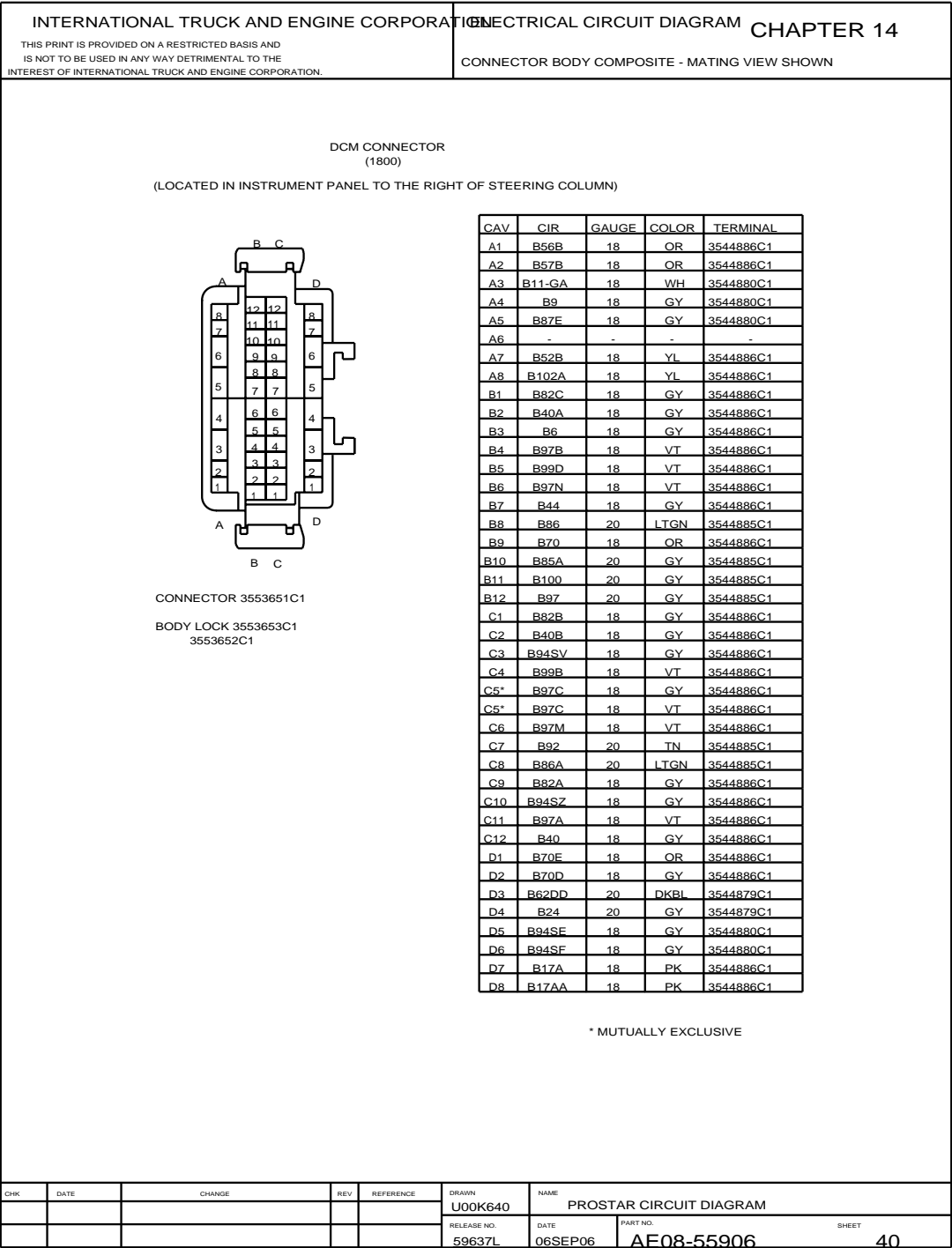


Figure 230 Connector Composite (1800)

## 14.42. CONNECTOR COMPOSITES (1801), (1802), (1803), P. 41

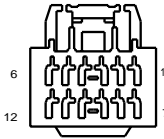
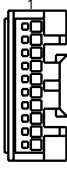
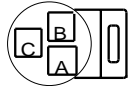
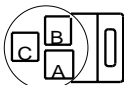
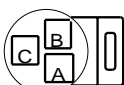
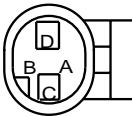
INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																				
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">TURN SIGNAL SWITCH CONNECTOR (1801) (LOCATED ON STEERING COLUMN)</p>  <p style="text-align: center;">CONNECTOR 3539212C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>B56B</td><td>18</td><td>OR</td><td>3571717C1</td></tr> <tr><td>2</td><td>B57B</td><td>18</td><td>OR</td><td>3571717C1</td></tr> <tr><td>3</td><td>B52B</td><td>18</td><td>YL</td><td>3571717C1</td></tr> <tr><td>4</td><td>B102A</td><td>18</td><td>YL</td><td>3571717C1</td></tr> <tr><td>5</td><td>B82C</td><td>18</td><td>GY</td><td>3571717C1</td></tr> <tr><td>6</td><td>B87-G</td><td>18</td><td>WH</td><td>3571717C1</td></tr> <tr><td>7</td><td>B9D</td><td>18</td><td>GY</td><td>3571717C1</td></tr> <tr><td>8</td><td>B82A</td><td>18</td><td>GY</td><td>3571717C1</td></tr> <tr><td>9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>11</td><td>B82B</td><td>18</td><td>GY</td><td>3571717C1</td></tr> <tr><td>12</td><td>B87E</td><td>18</td><td>GY</td><td>3571717C1</td></tr> </tbody> </table> </div> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	1	B56B	18	OR	3571717C1	2	B57B	18	OR	3571717C1	3	B52B	18	YL	3571717C1	4	B102A	18	YL	3571717C1	5	B82C	18	GY	3571717C1	6	B87-G	18	WH	3571717C1	7	B9D	18	GY	3571717C1	8	B82A	18	GY	3571717C1	9	-	-	-	-	10	-	-	-	-	11	B82B	18	GY	3571717C1	12	B87E	18	GY	3571717C1
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																				
1	B56B	18	OR	3571717C1																																																																				
2	B57B	18	OR	3571717C1																																																																				
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4	B102A	18	YL	3571717C1																																																																				
5	B82C	18	GY	3571717C1																																																																				
6	B87-G	18	WH	3571717C1																																																																				
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10	-	-	-	-																																																																				
11	B82B	18	GY	3571717C1																																																																				
12	B87E	18	GY	3571717C1																																																																				
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">CLOCKSPRING (1802) (LOCATED ON STEERING COLUMN)</p>  <p style="text-align: center;">CONNECTOR 3608496C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>B62DD</td><td>20</td><td>DKBL</td><td>3608495C1</td></tr> <tr><td>2</td><td>B97</td><td>20</td><td>GY</td><td>3608495C1</td></tr> <tr><td>3</td><td>B86</td><td>20</td><td>LTGN</td><td>3608495C1</td></tr> <tr><td>4</td><td>B92</td><td>20</td><td>TN</td><td>3608495C1</td></tr> <tr><td>5</td><td>B9C</td><td>20</td><td>GY</td><td>3608495C1</td></tr> <tr><td>6</td><td>B100</td><td>20</td><td>GY</td><td>3608495C1</td></tr> <tr><td>7</td><td>B85A</td><td>20</td><td>GY</td><td>3608495C1</td></tr> <tr><td>8</td><td>B24</td><td>20</td><td>GY</td><td>3608495C1</td></tr> <tr><td>9</td><td>B86A</td><td>20</td><td>LTGN</td><td>3608495C1</td></tr> <tr><td>10</td><td>B62-GDD</td><td>20</td><td>WH</td><td>3608495C1</td></tr> </tbody> </table> </div> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	1	B62DD	20	DKBL	3608495C1	2	B97	20	GY	3608495C1	3	B86	20	LTGN	3608495C1	4	B92	20	TN	3608495C1	5	B9C	20	GY	3608495C1	6	B100	20	GY	3608495C1	7	B85A	20	GY	3608495C1	8	B24	20	GY	3608495C1	9	B86A	20	LTGN	3608495C1	10	B62-GDD	20	WH	3608495C1										
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																				
1	B62DD	20	DKBL	3608495C1																																																																				
2	B97	20	GY	3608495C1																																																																				
3	B86	20	LTGN	3608495C1																																																																				
4	B92	20	TN	3608495C1																																																																				
5	B9C	20	GY	3608495C1																																																																				
6	B100	20	GY	3608495C1																																																																				
7	B85A	20	GY	3608495C1																																																																				
8	B24	20	GY	3608495C1																																																																				
9	B86A	20	LTGN	3608495C1																																																																				
10	B62-GDD	20	WH	3608495C1																																																																				
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">PRIMARY AIR TRANSDUCER (1803) (LOCATED AT BASE OF STEERING COLUMN)</p>  <p style="text-align: center;">CONNECTOR 1678137C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>B9E</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>B</td><td>B6A</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>C</td><td>B40</td><td>18</td><td>GY</td><td>1651943C1</td></tr> </tbody> </table> </div> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	B9E	18	GY	1651943C1	B	B6A	18	GY	1651943C1	C	B40	18	GY	1651943C1																																													
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																				
A	B9E	18	GY	1651943C1																																																																				
B	B6A	18	GY	1651943C1																																																																				
C	B40	18	GY	1651943C1																																																																				
<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></td> <td></td> <td></td> <td></td> <td></td> <td>U00K640</td> <td>PROSTAR CIRCUIT DIAGRAM</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>59637L</td> <td>06SEP06</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>PART NO.</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>AF08-55906</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>SHEET</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>41</td> </tr> </table>								CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME						U00K640	PROSTAR CIRCUIT DIAGRAM						RELEASE NO.	DATE						59637L	06SEP06							PART NO.							AF08-55906							SHEET							41									
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																		
					U00K640	PROSTAR CIRCUIT DIAGRAM																																																																		
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					59637L	06SEP06																																																																		
						PART NO.																																																																		
						AF08-55906																																																																		
						SHEET																																																																		
						41																																																																		

Figure 231 Connector Composites (1801), (1802), (1803)

### 14.43. CONNECTOR COMPOSITES (1804), (1805), (1806), P. 42

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<p>SECONDARY AIR TRANSDUCER (1804) (LOCATED AT BASE OF STEERING COLUMN)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>B9F</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>B6B</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>C</td> <td>B40A</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> </tbody> </table> </div> <p>CONNECTOR 1678137C1</p>							CAV	CIR	GAUGE	COLOR	TERMINAL	A	B9F	18	GY	1651943C1	B	B6B	18	GY	1651943C1	C	B40A	18	GY	1651943C1
CAV	CIR	GAUGE	COLOR	TERMINAL																						
A	B9F	18	GY	1651943C1																						
B	B6B	18	GY	1651943C1																						
C	B40A	18	GY	1651943C1																						
<p>TRANSDUCER CONNECTOR (1805) (LOCATED AT BASE OF STEERING COLUMN)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>B9H</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>B6C</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>C</td> <td>B40B</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> </tbody> </table> </div> <p>CONNECTOR 1678137C1</p>							CAV	CIR	GAUGE	COLOR	TERMINAL	A	B9H	18	GY	1651943C1	B	B6C	18	GY	1651943C1	C	B40B	18	GY	1651943C1
CAV	CIR	GAUGE	COLOR	TERMINAL																						
A	B9H	18	GY	1651943C1																						
B	B6C	18	GY	1651943C1																						
C	B40B	18	GY	1651943C1																						
<p>STOP LIGHT SWITCH CONNECTOR (1806) (LOCATED AT BASE OF STEERING COLUMN)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>B70</td> <td>18</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>D</td> <td>B9K</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> </div> <p>CONNECTOR 1661777C1</p>							CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	C	B70	18	OR	1661875C1	1661872C1	D	B9K	18	GY	1661875C1	1661872C1		
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																					
C	B70	18	OR	1661875C1	1661872C1																					
D	B9K	18	GY	1661875C1	1661872C1																					
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN U00K640 NAME PROSTAR CIRCUIT DIAGRAM																					
					RELEASE NO.	DATE																				
					59637L	06SEP06																				
					PART NO.	SHEET																				
					AF08-55906	42																				

**Figure 232 Connector Composites (1804), (1805), (1806)**



# 14.44. CONNECTOR COMPOSITES (1808), (1809), (1810), P. 43

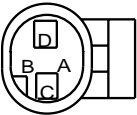
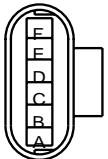
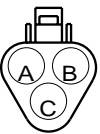
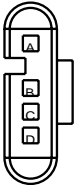
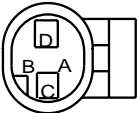


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<p>PARK BRAKE (1808) (LOCATED AT BASE OF STEERING COLUMN)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>B44</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>D</td> <td>B9J</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> </div> <p style="margin-top: 10px;">CONNECTOR 1661777C1 BODY LOCK 1661873C1</p>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	C	B44	18	GY	1661875C1	1661872C1	D	B9J	18	GY	1661875C1	1661872C1																	
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																					
C	B44	18	GY	1661875C1	1661872C1																																					
D	B9J	18	GY	1661875C1	1661872C1																																					
<p>ACCELERATOR PEDAL (1809) (LOCATED ABOVE ACCELERATOR PEDAL)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>B99B</td> <td>18</td> <td>VT</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>B97B</td> <td>18</td> <td>VT</td> <td>1651943C1</td> </tr> <tr> <td>C</td> <td>B97C</td> <td>18</td> <td>VT</td> <td>1651943C1</td> </tr> <tr> <td>D</td> <td>B99D</td> <td>18</td> <td>VT</td> <td>1651943C1</td> </tr> <tr> <td>E</td> <td>B97N</td> <td>18</td> <td>VT</td> <td>1651943C1</td> </tr> <tr> <td>F</td> <td>B97M</td> <td>18</td> <td>VT</td> <td>1651943C1</td> </tr> </tbody> </table> </div> <p style="margin-top: 10px;">CONNECTOR 1687790C1</p>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	B99B	18	VT	1651943C1	B	B97B	18	VT	1651943C1	C	B97C	18	VT	1651943C1	D	B99D	18	VT	1651943C1	E	B97N	18	VT	1651943C1	F	B97M	18	VT	1651943C1
CAV	CIR	GAUGE	COLOR	TERMINAL																																						
A	B99B	18	VT	1651943C1																																						
B	B97B	18	VT	1651943C1																																						
C	B97C	18	VT	1651943C1																																						
D	B99D	18	VT	1651943C1																																						
E	B97N	18	VT	1651943C1																																						
F	B97M	18	VT	1651943C1																																						
<p>ACCELERATOR PEDAL (1810) (LOCATED ABOVE ACCELERATOR PEDAL)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>B97C</td> <td>18</td> <td>GY</td> <td>3572625C1</td> </tr> <tr> <td>B</td> <td>B97B</td> <td>18</td> <td>VT</td> <td>3572625C1</td> </tr> <tr> <td>C</td> <td>B99B</td> <td>18</td> <td>VT</td> <td>3572625C1</td> </tr> </tbody> </table> </div> <p style="margin-top: 10px;">CONNECTOR 0453133C1 BODY LOCK 1655704C1</p>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	B97C	18	GY	3572625C1	B	B97B	18	VT	3572625C1	C	B99B	18	VT	3572625C1															
CAV	CIR	GAUGE	COLOR	TERMINAL																																						
A	B97C	18	GY	3572625C1																																						
B	B97B	18	VT	3572625C1																																						
C	B99B	18	VT	3572625C1																																						
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN U00K640	NAME PROSTAR CIRCUIT DIAGRAM																																				
					RELEASE NO. 59637L	DATE 06SEP06	PART NO. AF08-55906																																			
						SHEET 43																																				

Figure 233 Connector Composites (1808), (1809), (1810)

## 14.45. CONNECTOR COMPOSITES (1811), (1812), (1820), P. 44

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>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</b> CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																					
<b>CLUTCH SWITCH (1811)</b> (LOCATED ON CLUTCH PEDAL)																																																									
				<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr> <td>A</td><td>B17A</td><td>18</td><td>PK</td><td>1667742C1</td><td>1661872C1</td></tr> <tr> <td>B</td><td>B17AA</td><td>18</td><td>PK</td><td>1667742C1</td><td>1661872C1</td></tr> <tr> <td>C</td><td>B97A</td><td>18</td><td>VT</td><td>1667742C1</td><td>1661872C1</td></tr> <tr> <td>D</td><td>B9M</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	B17A	18	PK	1667742C1	1661872C1	B	B17AA	18	PK	1667742C1	1661872C1	C	B97A	18	VT	1667742C1	1661872C1	D	B9M	18	GY	1667742C1	1661872C1																				
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																				
A	B17A	18	PK	1667742C1	1661872C1																																																				
B	B17AA	18	PK	1667742C1	1661872C1																																																				
C	B97A	18	VT	1667742C1	1661872C1																																																				
D	B9M	18	GY	1667742C1	1661872C1																																																				
CONNECTOR 3540757C1 BODY LOCK 3540758C1																																																									
<b>BRAKE INPUT (1812)</b> (LOCATED AT BASE OF STEERING COLUMN)																																																									
				<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr> <td>D</td><td>B70D</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr> <td>C</td><td>B70E</td><td>18</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	D	B70D	18	GY	1661875C1	1661872C1	C	B70E	18	OR	1661875C1	1661872C1																																
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																				
D	B70D	18	GY	1661875C1	1661872C1																																																				
C	B70E	18	OR	1661875C1	1661872C1																																																				
CONNECTOR 1661777C1 BODY LOCK 1661873C1																																																									
<b>CAB HARNESS STEERING WHEEL SENSOR (1820)</b> (LOCATED IN INSTRUMENT PANEL TO RIGHT OF STEERING COLUMN)																																																									
																																																									
CONNECTOR 1667529C1 BODY LOCK 1667530C1				CONNECTOR 1667305C1 BODY LOCK 1661263C1																																																					
<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> <tr> <td>A</td><td>B94SA</td><td>20</td><td>GY</td><td>3534481C1</td></tr> <tr> <td>B</td><td>B94SB</td><td>20</td><td>GY</td><td>3534481C1</td></tr> <tr> <td>C</td><td>B94SC</td><td>20</td><td>GY</td><td>3534481C1</td></tr> <tr> <td>D</td><td>B94SD</td><td>20</td><td>GY</td><td>3534481C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	B94SA	20	GY	3534481C1	B	B94SB	20	GY	3534481C1	C	B94SC	20	GY	3534481C1	D	B94SD	20	GY	3534481C1	<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> <tr> <td>A</td><td>A94SA</td><td>18</td><td>GY</td><td>1661261C1</td></tr> <tr> <td>B</td><td>A94SB</td><td>18</td><td>GY</td><td>1661261C1</td></tr> <tr> <td>C</td><td>A94SC</td><td>18</td><td>GY</td><td>1661261C1</td></tr> <tr> <td>D</td><td>A94SD</td><td>18</td><td>GY</td><td>1661261C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	A94SA	18	GY	1661261C1	B	A94SB	18	GY	1661261C1	C	A94SC	18	GY	1661261C1	D	A94SD	18	GY	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																																																					
A	B94SA	20	GY	3534481C1																																																					
B	B94SB	20	GY	3534481C1																																																					
C	B94SC	20	GY	3534481C1																																																					
D	B94SD	20	GY	3534481C1																																																					
CAV	CIR	GAUGE	COLOR	TERMINAL																																																					
A	A94SA	18	GY	1661261C1																																																					
B	A94SB	18	GY	1661261C1																																																					
C	A94SC	18	GY	1661261C1																																																					
D	A94SD	18	GY	1661261C1																																																					
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN U00K640	NAME PROSTAR CIRCUIT DIAGRAM																																																			
					RELEASE NO. 59637L	DATE 06SEP06	PART NO. AF08-55906																																																		
						SHEET 44																																																			

**Figure 234 Connector Composites (1811), (1812), (1820)**

# 14.46. CONNECTOR COMPOSITES (1821), (1822), (1823), (1860), P. 45

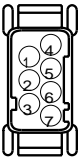
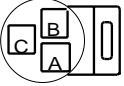
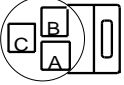

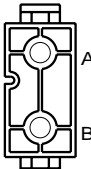


<p>INTERNATIONAL TRUCK AND ENGINE CORPORATION</p> <p><small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small></p>	<p>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</p> <p>CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN</p>																																								
<p style="text-align: center;">STEERING WHEEL POSITION SENSOR (1821)</p> <p style="text-align: center;">(LOCATED ON STEERING COLUMN)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR 3601800C1</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>B94SC</td><td>20</td><td>GY</td><td>3601801C1</td></tr> <tr><td>2</td><td>B94SA</td><td>20</td><td>GY</td><td>3601801C1</td></tr> <tr><td>3</td><td>B94SB</td><td>20</td><td>GY</td><td>3601801C1</td></tr> <tr><td>4</td><td>B94SD</td><td>20</td><td>GY</td><td>3601801C1</td></tr> <tr><td>5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	1	B94SC	20	GY	3601801C1	2	B94SA	20	GY	3601801C1	3	B94SB	20	GY	3601801C1	4	B94SD	20	GY	3601801C1	5	-	-	-	-	6	-	-	-	-	7	-	-	-	-
CAV	CIR	GAUGE	COLOR	TERMINAL																																					
1	B94SC	20	GY	3601801C1																																					
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5	-	-	-	-																																					
6	-	-	-	-																																					
7	-	-	-	-																																					
<p style="text-align: center;">ABS PRIMARY AIR TRANSDUCER (1822)</p> <p style="text-align: center;">(LOCATED AT BASE OF STEERING COLUMN)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR 1678137C1</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>B94SZA</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>B</td><td>B94SVA</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>C</td><td>B94SE</td><td>18</td><td>GY</td><td>1651943C1</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	A	B94SZA	18	GY	1651943C1	B	B94SVA	18	GY	1651943C1	C	B94SE	18	GY	1651943C1																				
CAV	CIR	GAUGE	COLOR	TERMINAL																																					
A	B94SZA	18	GY	1651943C1																																					
B	B94SVA	18	GY	1651943C1																																					
C	B94SE	18	GY	1651943C1																																					
<p style="text-align: center;">ABS SECONDARY AIR TRANSDUCER (1823)</p> <p style="text-align: center;">(LOCATED AT BASE OF STEERING COLUMN)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR 1678137C1</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>B94SZB</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>B</td><td>B94SVB</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>C</td><td>B94SF</td><td>18</td><td>GY</td><td>1651943C1</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	A	B94SZB	18	GY	1651943C1	B	B94SVB	18	GY	1651943C1	C	B94SF	18	GY	1651943C1																				
CAV	CIR	GAUGE	COLOR	TERMINAL																																					
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B	B94SVB	18	GY	1651943C1																																					
C	B94SF	18	GY	1651943C1																																					
<p style="text-align: center;">CIGAR LIGHTER TYPE POWER SOURCE (1860)</p> <p style="text-align: center;">(LOCATED IN INSTRUMENT PANEL - CENTER) (JUMPER HARNESS)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR 3613000C1</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A86M</td><td>16</td><td>LT GN</td><td>3534165C1</td></tr> <tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>A86-GA</td><td>16</td><td>WH</td><td>3534165C1</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	A	A86M	16	LT GN	3534165C1	B	-	-	-	-	C	A86-GA	16	WH	3534165C1																				
CAV	CIR	GAUGE	COLOR	TERMINAL																																					
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C	A86-GA	16	WH	3534165C1																																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	CHK	DATE	CHANGE	REV	REFERENCE																<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">DRAWN U00K640</td> <td style="width: 40%;">NAME PROSTAR CIRCUIT DIAGRAM</td> <td style="width: 20%;">DATE 06SEP06</td> <td style="width: 20%;">PART NO. AF08-55906</td> </tr> <tr> <td>RELEASE NO. 59637L</td> <td colspan="3">SHEET 45</td> </tr> </table>	DRAWN U00K640	NAME PROSTAR CIRCUIT DIAGRAM	DATE 06SEP06	PART NO. AF08-55906	RELEASE NO. 59637L	SHEET 45														
CHK	DATE	CHANGE	REV	REFERENCE																																					
DRAWN U00K640	NAME PROSTAR CIRCUIT DIAGRAM	DATE 06SEP06	PART NO. AF08-55906																																						
RELEASE NO. 59637L	SHEET 45																																								

Figure 235 Connector Composites (1821), (1822), (1823), (1860)

## 14.47. CONNECTOR COMPOSITES (1861), (1901), (1903), P. 46

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>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</b> CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																							
<b>TWO POST POWER SOURCE (1861)</b> (LOCATED IN INSTRUMENT PANEL CENTER) (JUMPER HARNESS)																											
				<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>A</td> <td>B86N</td> <td>14</td> <td>LTGN</td> <td>3517476C1</td> </tr> <tr> <td>B</td> <td>B86-GB</td> <td>14</td> <td>WH</td> <td>3517476C1</td> </tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	B86N	14	LTGN	3517476C1	B	B86-GB	14	WH	3517476C1					
CAV	CIR	GAUGE	COLOR	TERMINAL																							
A	B86N	14	LTGN	3517476C1																							
B	B86-GB	14	WH	3517476C1																							
CONNECTOR 3517473C1																											
<b>AUX POWER (1901)</b> (LOCATED IN INSTRUMENT PANEL - CENTER)																											
				<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>A</td> <td>A86P</td> <td>16</td> <td>LTGN</td> <td>1661208C1</td> </tr> <tr> <td>B</td> <td>A86-GP</td> <td>16</td> <td>WH</td> <td>1661208C1</td> </tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	A86P	16	LTGN	1661208C1	B	A86-GP	16	WH	1661208C1					
CAV	CIR	GAUGE	COLOR	TERMINAL																							
A	A86P	16	LTGN	1661208C1																							
B	A86-GP	16	WH	1661208C1																							
CONNECTOR 1661196C1																											
<b>CIGAR LIGHTER (1903)</b> (LOCATED IN INSTRUMENT PANEL)																											
				<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>A</td> <td>A84</td> <td>16</td> <td>LTGN</td> <td>3534165C1</td> </tr> <tr> <td>B</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>A84-G</td> <td>16</td> <td>WH</td> <td>3534165C1</td> </tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	A84	16	LTGN	3534165C1	B	-	-	-	-	C	A84-G	16	WH	3534165C1
CAV	CIR	GAUGE	COLOR	TERMINAL																							
A	A84	16	LTGN	3534165C1																							
B	-	-	-	-																							
C	A84-G	16	WH	3534165C1																							
CONNECTOR 3590928C1 BODY LOCK 3557682C1																											
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																					
					U00K640	PROSTAR CIRCUIT DIAGRAM																					
					RELEASE NO.	DATE	PART NO.																				
					59637L	06SEP06	AF08-55906																				
							SHEET <b>46</b>																				

**Figure 236 Connector Composites (1861), (1901), (1903)**

14.48. CONNECTOR COMPOSITES (1906), (1907), (1910), (1912), (1916), P. 47




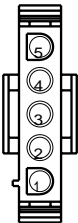
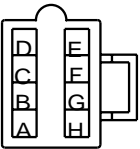

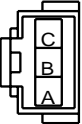
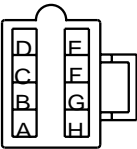
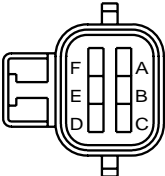

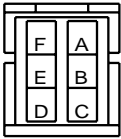
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<p style="text-align: center;">LIGHTED AIR SHIELD (1906) (LOCATED IN UPPER RIGHT REAR ROOF (DAYCAB))</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR 1661891C1</p> <table border="1" style="margin: auto; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A58C</td> <td>16</td> <td>BN</td> <td>1661262C1</td> </tr> <tr> <td>B</td> <td>A58-GC</td> <td>16</td> <td>WH</td> <td>1661262C1</td> </tr> <tr> <td>C</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	A	A58C	16	BN	1661262C1	B	A58-GC	16	WH	1661262C1	C	-	-	-	-	<p style="text-align: center;">FLOOR LIGHT (1907) (LOCATED IN INSTRUMENT PANEL - CENTER)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR 1661259C1 BODY LOCK 1661263C1</p> <table border="1" style="margin: auto; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A63JA</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A63-GJ</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	A	A63JA	18	DKBL	1661261C1	B	A63-GJ	18	WH	1661261C1										
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<p style="text-align: center;">XATA MODULE (1910) (LOCATED AT RIGHT SIDE BACK OF DOOR)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR 1667305C1 BODY LOCK 1661263C1</p>			<table border="1" style="font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A14EA</td> <td>16</td> <td>RD</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A11-GMA</td> <td>16</td> <td>WH</td> <td>1661261C1</td> </tr> <tr> <td>C</td> <td>A3BE(+)</td> <td>20</td> <td>DKBL</td> <td>3544254C1</td> </tr> <tr> <td>D</td> <td>A3BE(-)</td> <td>20</td> <td>GY</td> <td>3544254C1</td> </tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	A	A14EA	16	RD	1661261C1	B	A11-GMA	16	WH	1661261C1	C	A3BE(+)	20	DKBL	3544254C1	D	A3BE(-)	20	GY	3544254C1																				
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<p style="text-align: center;">COMPASS (1912) (LOCATED IN INSTRUMENT PANEL BY FUSE PANEL)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR 3609957C1</p>			<table border="1" style="font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A28V</td> <td>18</td> <td>TN</td> <td>3614754C1</td> </tr> <tr> <td>2</td> <td>A5C(+)</td> <td>18</td> <td>YL</td> <td>3614754C1</td> </tr> <tr> <td>3</td> <td>A5C(-)</td> <td>18</td> <td>GN</td> <td>3614754C1</td> </tr> <tr> <td>4</td> <td>A28-G</td> <td>18</td> <td>WH</td> <td>3614754C1</td> </tr> <tr> <td>5</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	1	A28V	18	TN	3614754C1	2	A5C(+)	18	YL	3614754C1	3	A5C(-)	18	GN	3614754C1	4	A28-G	18	WH	3614754C1	5	-	-	-	-															
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<p style="text-align: center;">QUALCOMM OMNIVISION SPKR SWITCH (1916) (LOCATED IN INSTRUMENT PANEL BY DRIVER DOOR)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR 2005836C1 BODYLOCK 2006504C1</p>			<table border="1" style="font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A86H</td> <td>18</td> <td>LT GN</td> <td>2005836C1</td> </tr> <tr> <td>C</td> <td>A86HA</td> <td>18</td> <td>LT GN</td> <td>2005836C1</td> </tr> <tr> <td>B</td> <td>A86J</td> <td>18</td> <td>LT GN</td> <td>2005836C1</td> </tr> <tr> <td>D</td> <td>A86JA</td> <td>18</td> <td>LT GN</td> <td>2005836C1</td> </tr> <tr> <td>E</td> <td>A86-GD1</td> <td>18</td> <td>WH</td> <td>2005836C1</td> </tr> <tr> <td>F</td> <td>A86HB</td> <td>18</td> <td>LT GN</td> <td>2005836C1</td> </tr> <tr> <td>G</td> <td>A86JB</td> <td>18</td> <td>LT GN</td> <td>2005836C1</td> </tr> <tr> <td>H</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	A	A86H	18	LT GN	2005836C1	C	A86HA	18	LT GN	2005836C1	B	A86J	18	LT GN	2005836C1	D	A86JA	18	LT GN	2005836C1	E	A86-GD1	18	WH	2005836C1	F	A86HB	18	LT GN	2005836C1	G	A86JB	18	LT GN	2005836C1	H	-	-	-	-
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Figure 237 Connector Composites (1906), (1907), (1910), (1912), (1916)

## 14.49. CONNECTOR COMPOSITES (1917), (1918), (1919), (1920), (1922), (1923), P. 48

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<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>RAW6</td> <td>19NOV07</td> <td>ADDED CONN 1917,1918,</td> <td>A</td> <td>50297W</td> <td>U00K640</td> <td>CIRCUIT DIAGRAM, PROSTAR</td> </tr> <tr> <td></td> <td>1919; MOVED</td> <td>CONN 1912</td> <td></td> <td></td> <td>59637L</td> <td></td> </tr> </tbody> </table>				CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	RAW6	19NOV07	ADDED CONN 1917,1918,	A	50297W	U00K640	CIRCUIT DIAGRAM, PROSTAR		1919; MOVED	CONN 1912			59637L		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>DATE</th> <th>PART NO.</th> <th>SHEET</th> </tr> </thead> <tbody> <tr> <td>06SEP06</td> <td>AE08055906</td> <td>048</td> </tr> </tbody> </table>				DATE	PART NO.	SHEET	06SEP06	AE08055906	048																																																												
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06SEP06	AE08055906	048																																																																																												

**Figure 238 Connector Composites (1917), (1918), (1919), (1920), (1922), (1923)**

## 14.50. CONNECTOR COMPOSITES (1925), P. 49

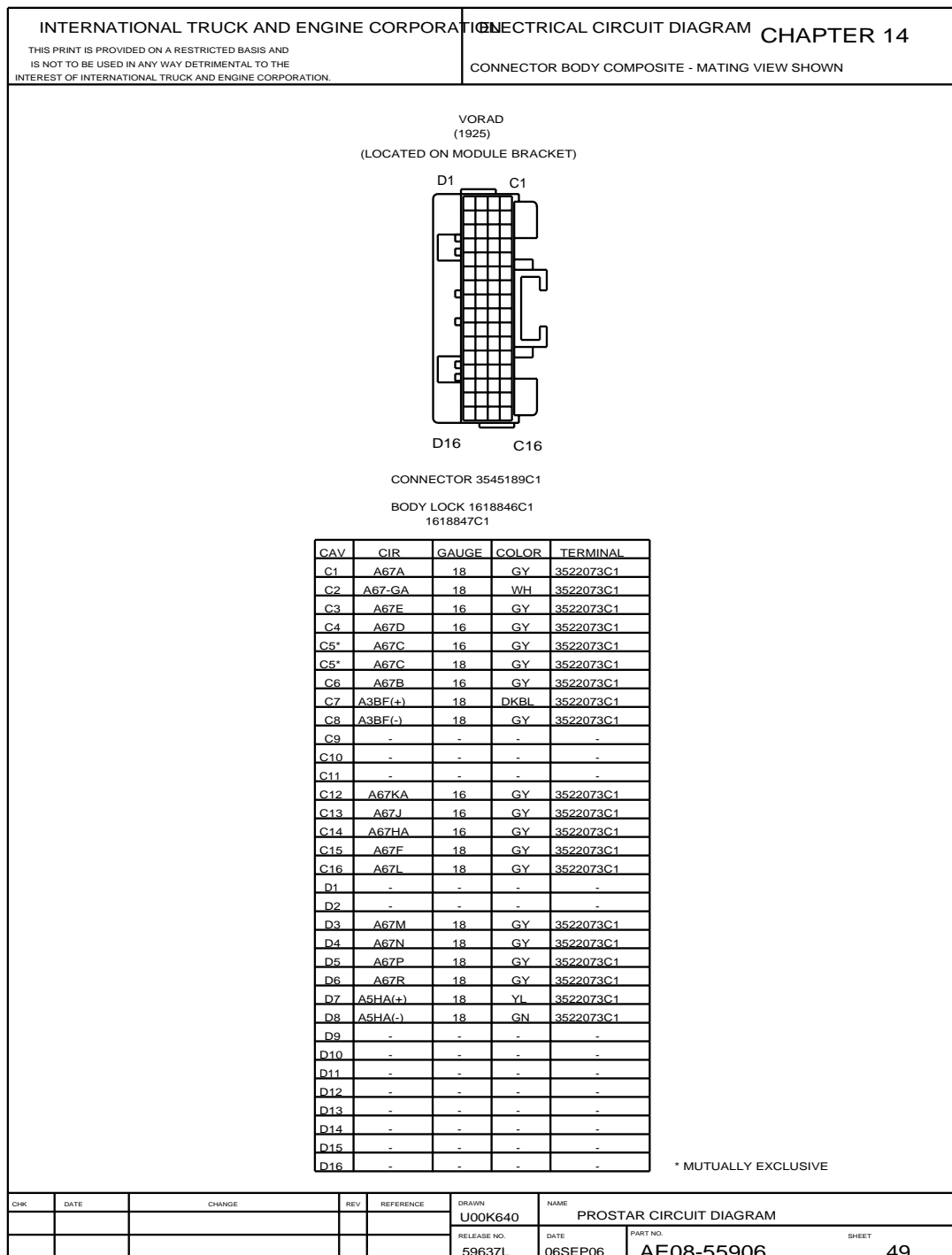


Figure 239 Connector Composites (1925)

14.51. CONNECTOR COMPOSITES (1927), (1929), (1930), (1931), P. 50

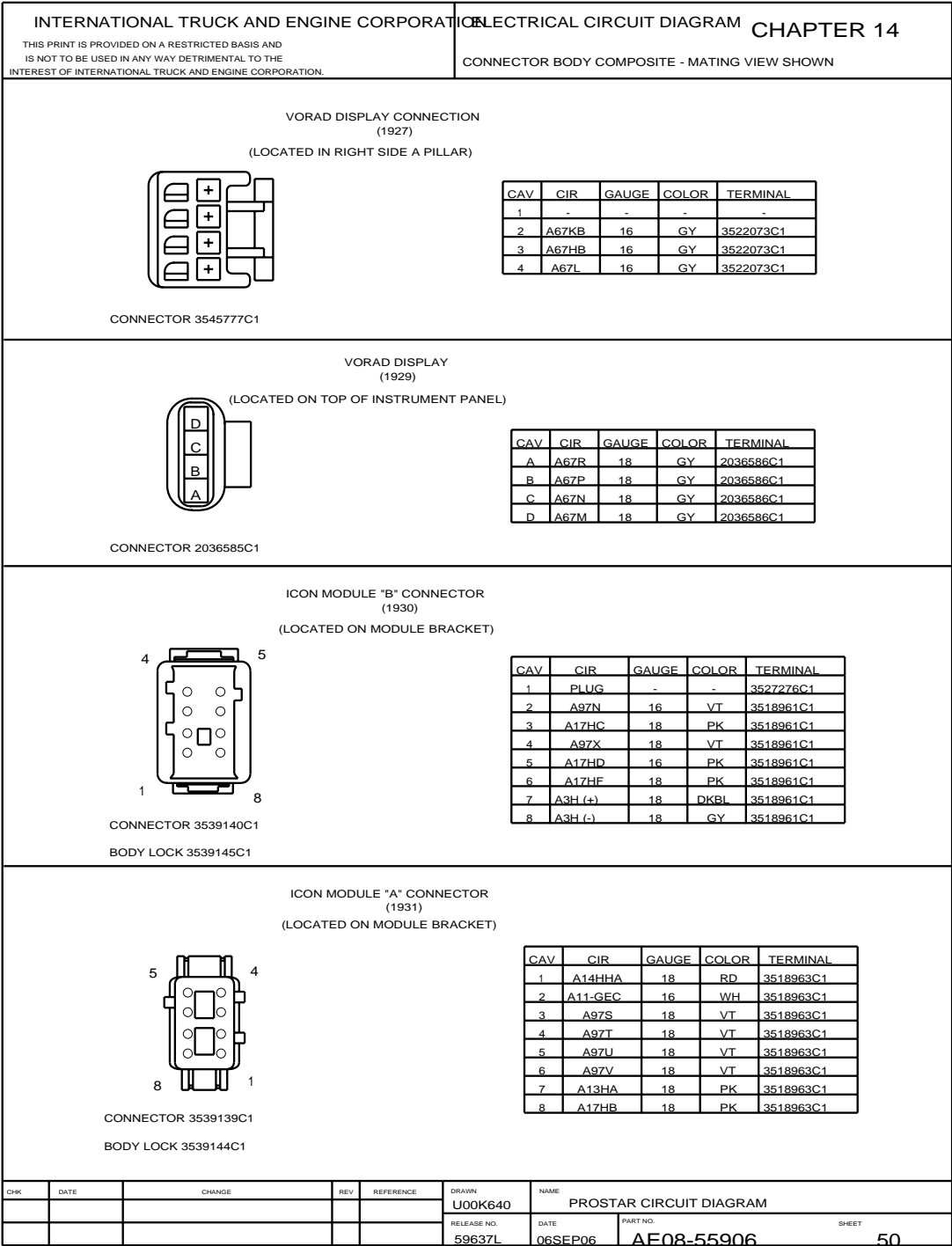


Figure 240 Connector Composites (1927), (1929), (1930), (1931)



## 14.52. CONNECTOR COMPOSITES (1932), (1933), (1942), (1943), P. 50A

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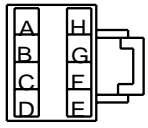
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ELECTRICAL CIRCUIT DIAGRAM

CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN

CHAPTER 14

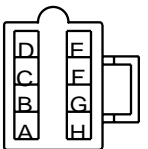
QUALCOM TMCT  
(1932)



CONNECTOR 2005835C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	A14EA	18	RD	1661208C1
B	A14EE	18	RD	1661208C1
C	A11-GMC	18	WH	1661208C1
D	A11-GMA	18	WH	1661208C1
E	A13EE	18	PK	1661208C1
F	A3BD(+)	18	DKBL	1661208C1
G	A3BD(-)	18	GY	1661208C1
H	-	-	-	-

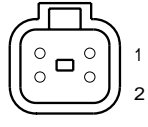
MOTIENT MOBILE MAX  
DISCRETE I/O  
(1933)



CONNECTOR 2005836C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	-	-	-	-
B	A98F	18	LTGN	1661212C1
C	-	-	-	-
D	-	-	-	-
E	-	-	-	-
F	-	-	-	-
G	-	-	-	-
H	-	-	-	-


EATON VORAD RIGHT SIDE DISPLAY  
(1942)



CONNECTOR 3673259C1

CAV	CIR	GAUGE	COLOR	TERMINAL
1	A67V	18	GY	1680206C1
2	A67W	18	GY	1680206C1
3	A67U	18	GY	1680206C1
4	A57NA	18	OR	1680206C1

EATON VORAD DRIVER  
INTERFACE UNIT  
(1943)



CONNECTOR 367333C1

CAV	CIR	GAUGE	COLOR	TERMINAL
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	A67F	18	PK	3673333C1
5	A67-GD	18	WH	3673333C1
6	A5HA(-)	18	GN	3673333C1
7	A5HA(+)	18	YL	3673333C1
8	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
RAW6	19NOV07	INITIAL RELEASE	A	50297W	300152	CIRCUIT DIAGRAM, PROSTAR
					50297W	
					18OCT07	
						PART NO.
						AE08055906
						SHEET
						50A

Figure 241 Connector Composites (1932), (1933), (1942), (1943)

14.53. CONNECTOR COMPOSITES (1960), P. 51

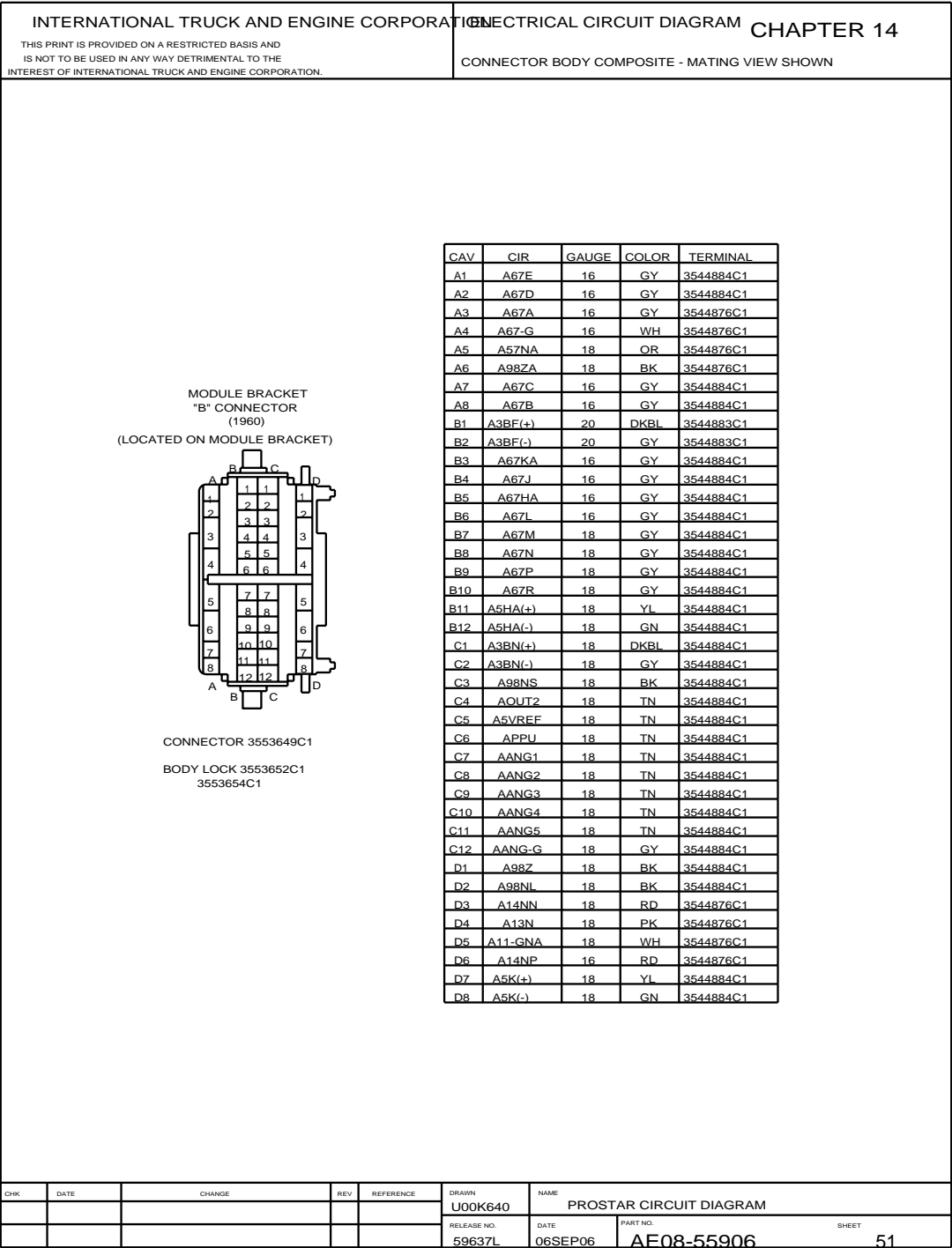


Figure 242 Connector Composites (1960)

## 14.54. CONNECTOR COMPOSITES (1960), P. 52

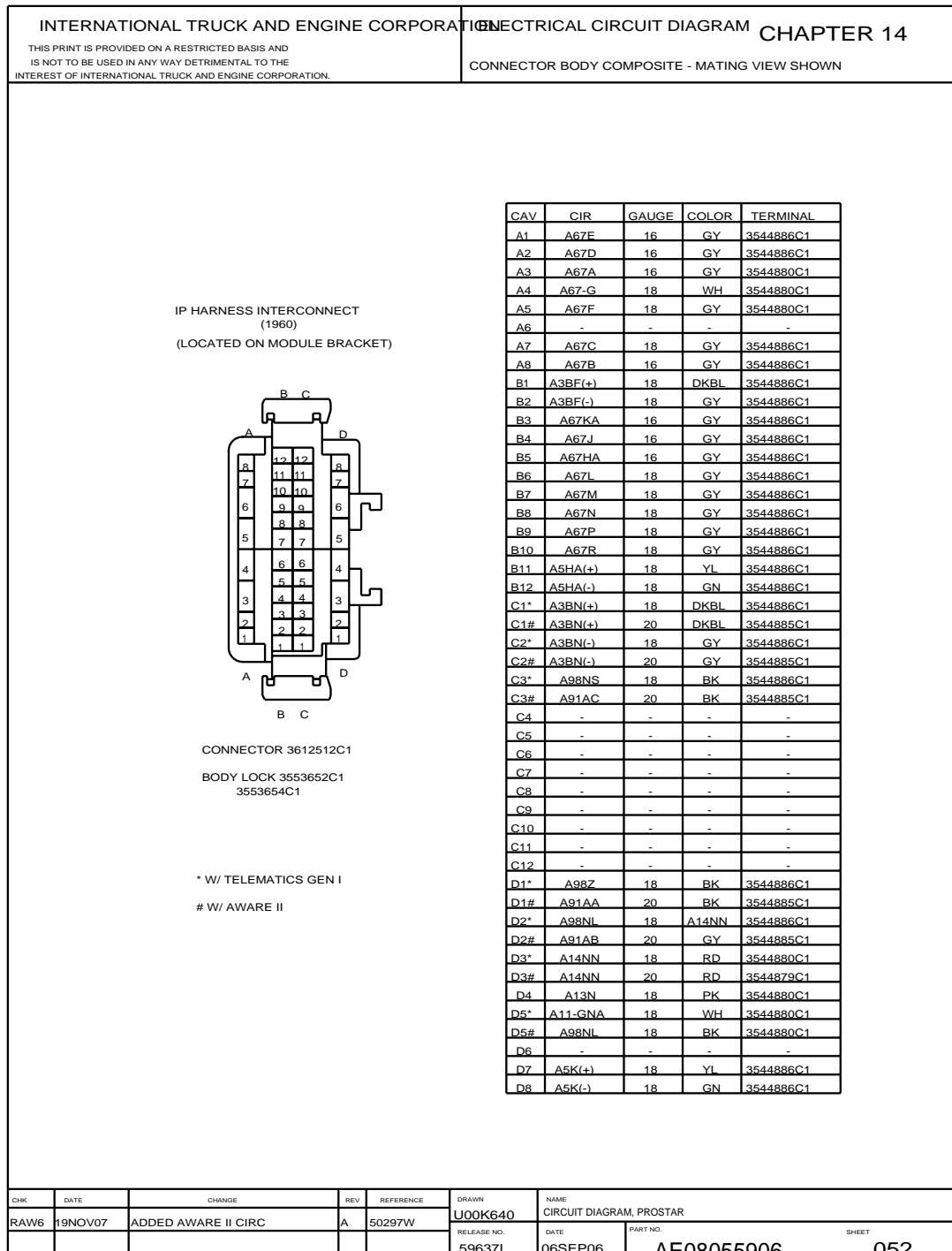


Figure 243 Connector Composites (1960)

14.55. CONNECTOR COMPOSITES (1962), P. 53

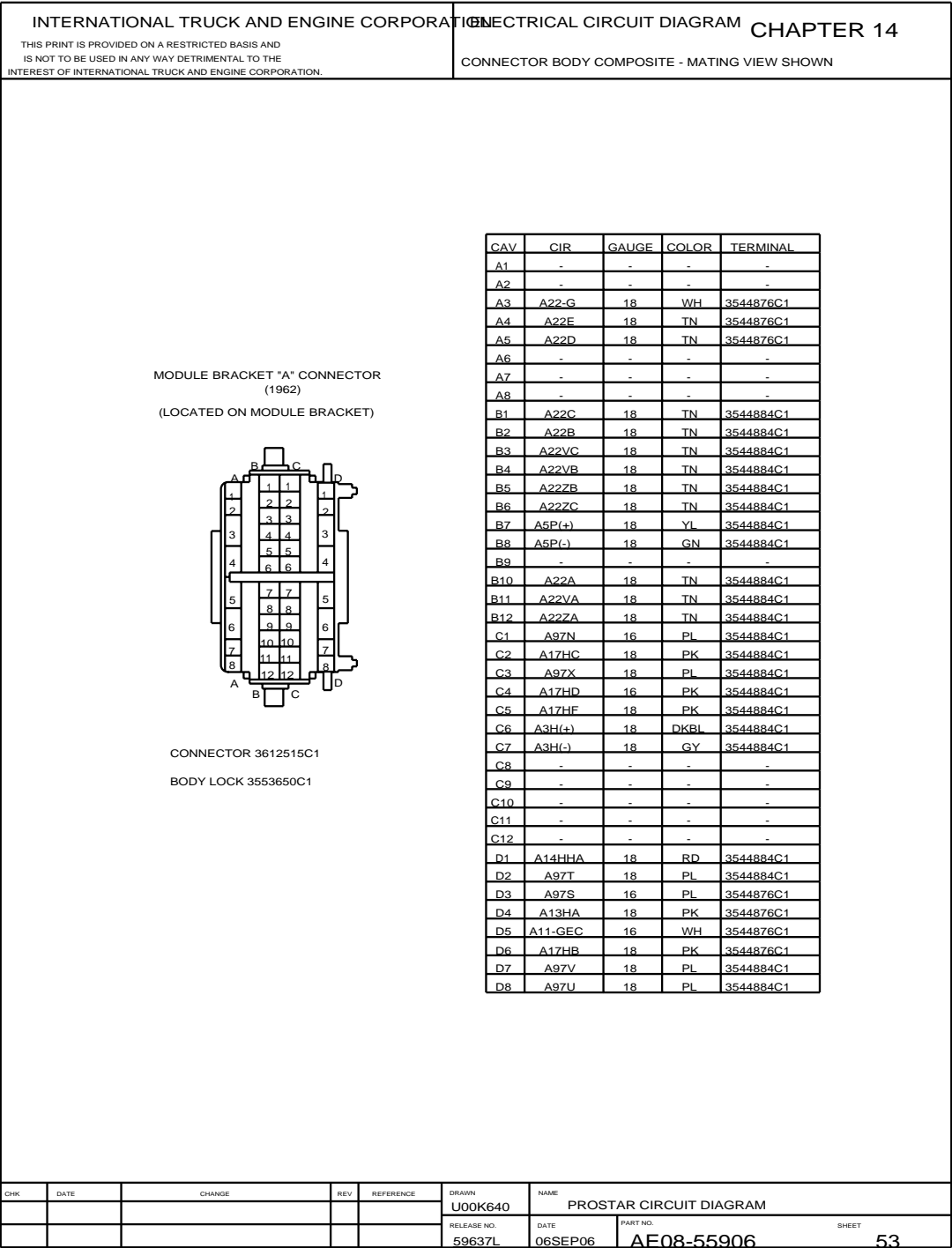


Figure 244 Connector Composites (1962)

## 14.56. CONNECTOR COMPOSITES (1962), P. 54

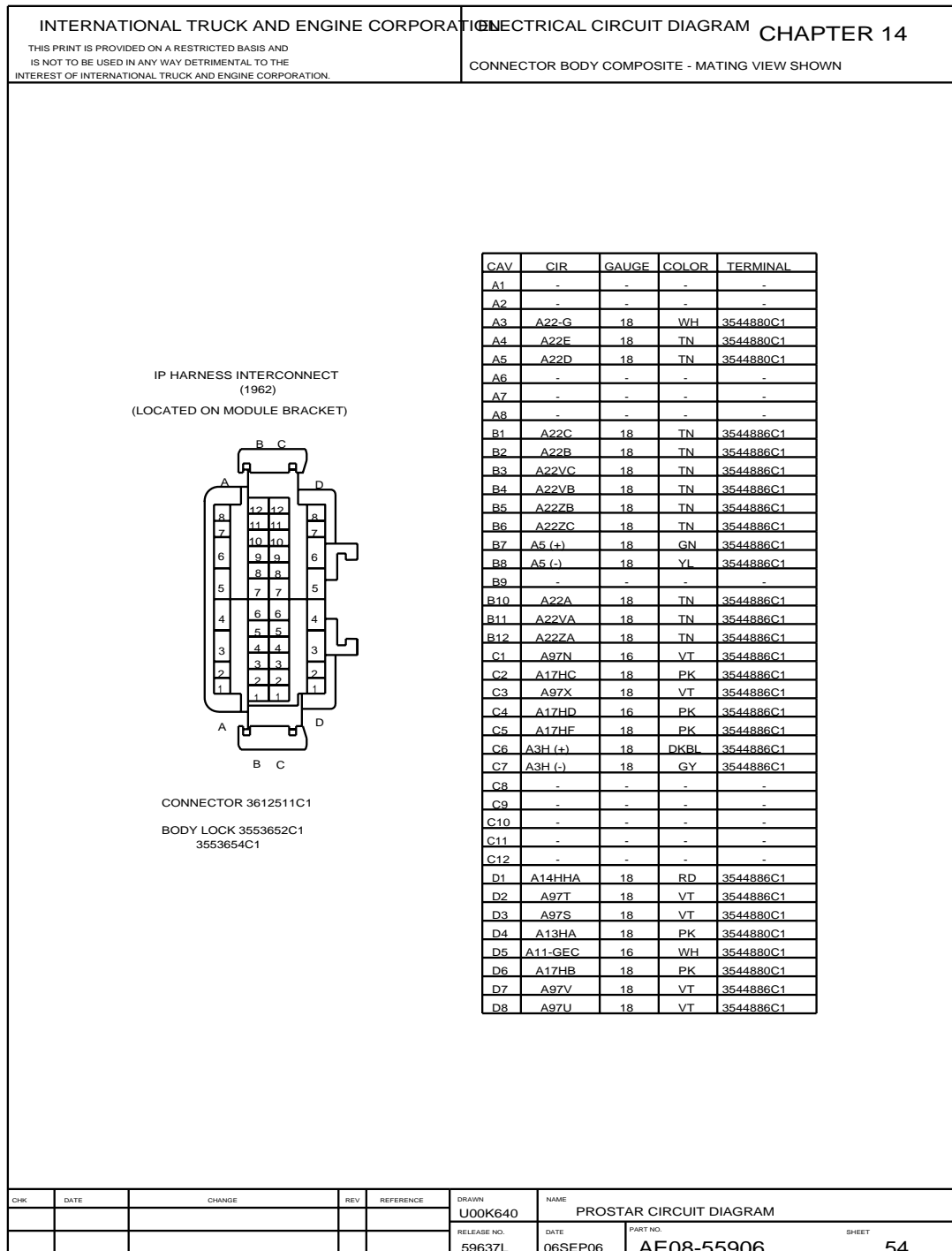


Figure 245 Connector Composites (1962)

## 14.57. CONNECTOR COMPOSITES (1963), (1964), P. 55

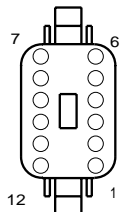
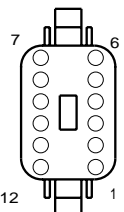
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																		
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<p>TELEMATICS CONNECTOR 1 (1963) (LOCATED ON MODULE BRACKET)</p>  <p>CONNECTOR 3601924C1 BODY LOCK 1689428C1</p> <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>A14NN</td><td>18</td><td>RD</td><td>1680205C1</td></tr><tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>3</td><td>A13N</td><td>18</td><td>PK</td><td>1680205C1</td></tr><tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>5</td><td>A98NL</td><td>18</td><td>BK</td><td>1680205C1</td></tr><tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>8</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>9</td><td>A5K(+)</td><td>18</td><td>YL</td><td>1680205C1</td></tr><tr><td>10</td><td>A5K(-)</td><td>18</td><td>GN</td><td>1680205C1</td></tr><tr><td>11</td><td>A98Z</td><td>18</td><td>BK</td><td>1680205C1</td></tr><tr><td>12</td><td>A11-GNA</td><td>18</td><td>WH</td><td>1680205C1</td></tr></tbody></table>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	A14NN	18	RD	1680205C1	2	PLUG	-	-	0453133C1	3	A13N	18	PK	1680205C1	4	PLUG	-	-	0453133C1	5	A98NL	18	BK	1680205C1	6	PLUG	-	-	0453133C1	7	PLUG	-	-	0453133C1	8	PLUG	-	-	0453133C1	9	A5K(+)	18	YL	1680205C1	10	A5K(-)	18	GN	1680205C1	11	A98Z	18	BK	1680205C1	12	A11-GNA	18	WH	1680205C1
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																		
1	A14NN	18	RD	1680205C1																																																																		
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12	A11-GNA	18	WH	1680205C1																																																																		
<p>TELEMATICS CONNECTOR 2 (1964) (LOCATED ON MODULE BRACKET)</p>  <p>CONNECTOR 1689427C1 BODY LOCK 1689428C1</p> <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>A3BN(+)</td><td>18</td><td>DKBL</td><td>1680205C1</td></tr><tr><td>2</td><td>A3BN(-)</td><td>18</td><td>GY</td><td>1680205C1</td></tr><tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>6</td><td>A98NS</td><td>18</td><td>BK</td><td>1680205C1</td></tr><tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>8</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr></tbody></table>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	A3BN(+)	18	DKBL	1680205C1	2	A3BN(-)	18	GY	1680205C1	3	PLUG	-	-	0453133C1	4	PLUG	-	-	0453133C1	5	PLUG	-	-	0453133C1	6	A98NS	18	BK	1680205C1	7	PLUG	-	-	0453133C1	8	PLUG	-	-	0453133C1	9	PLUG	-	-	0453133C1	10	PLUG	-	-	0453133C1	11	PLUG	-	-	0453133C1	12	PLUG	-	-	0453133C1
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																		
1	A3BN(+)	18	DKBL	1680205C1																																																																		
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3	PLUG	-	-	0453133C1																																																																		
4	PLUG	-	-	0453133C1																																																																		
5	PLUG	-	-	0453133C1																																																																		
6	A98NS	18	BK	1680205C1																																																																		
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					59637L	06SEP06	AF08-55906																																																															
							SHEET																																																															
							55																																																															

Figure 246 Connector Composites (1963), (1964)

## 14.58. CONNECTOR COMPOSITES (1970), (1973), P. 56

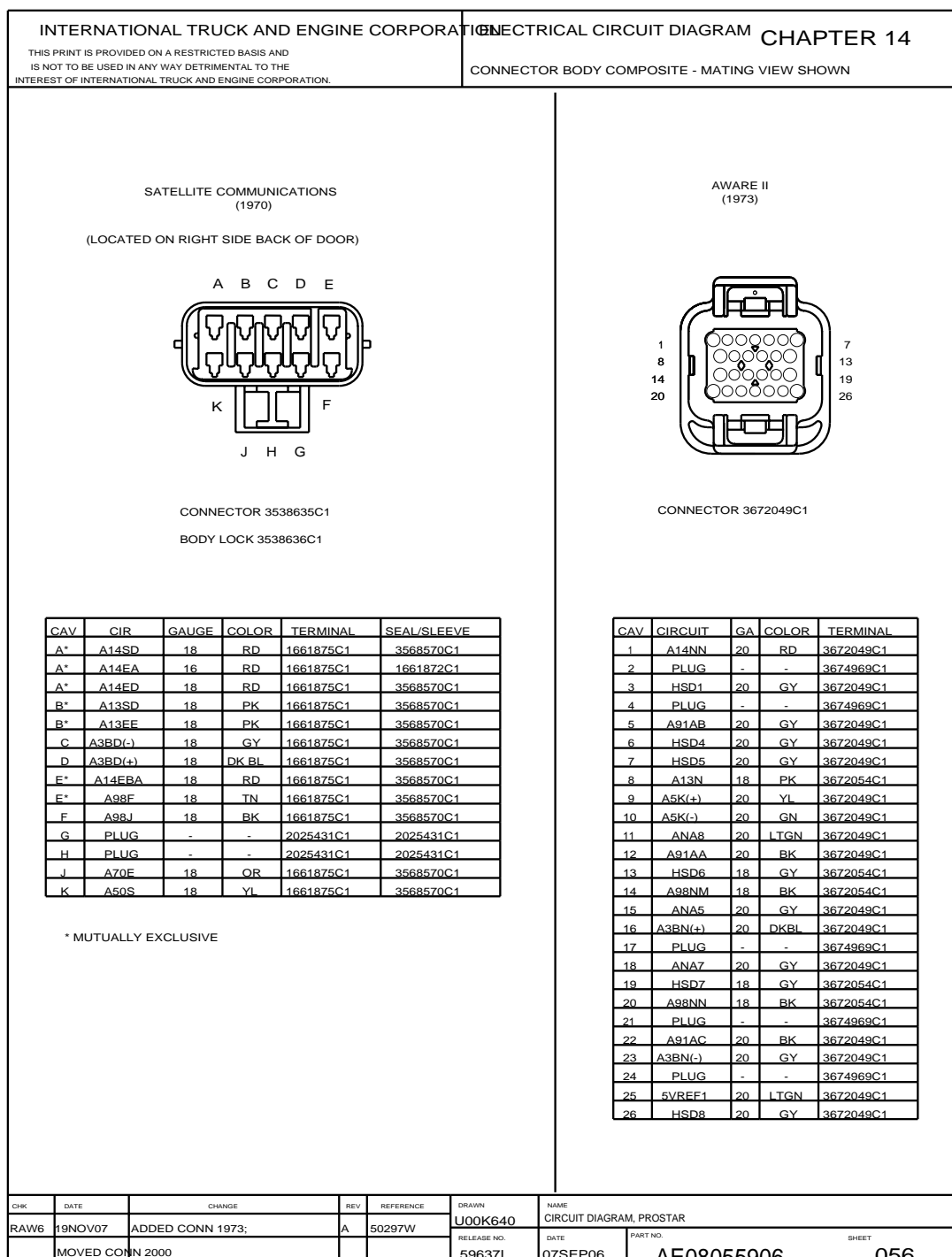


Figure 247 Connector Composites (1970), (1973)

14.59. CONNECTOR COMPOSITES (1974), (1975), P. 56A

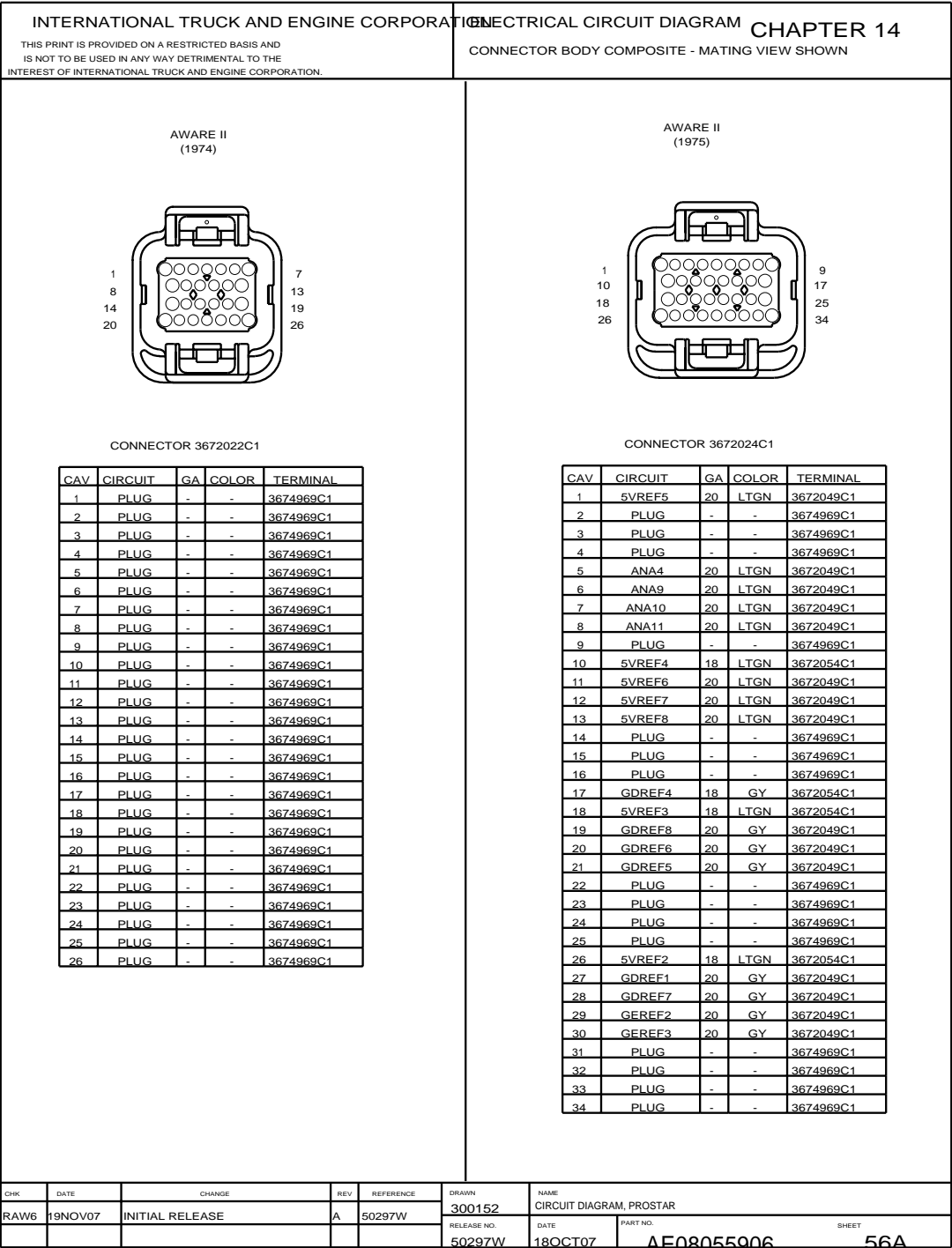


Figure 248 Connector Composites (1974), (1975)



## 14.60. CONNECTOR COMPOSITES (2000), P. 56B

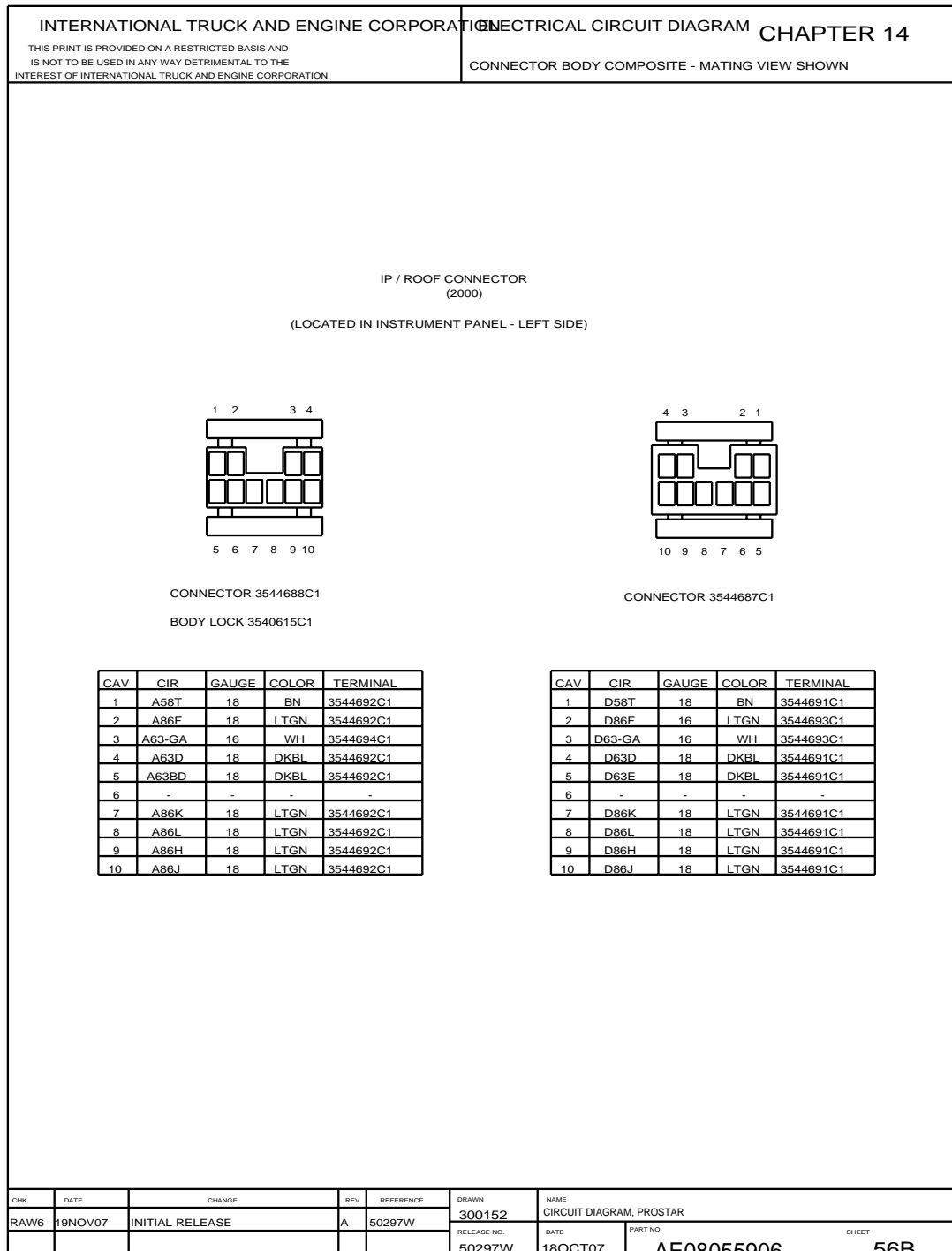







Figure 249 Connector Composites (2000)

## 14.61. CONNECTOR COMPOSITES (2002M), (2003M), (2004M), (2005M), (2006M), P. 57

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<b>LEFT CLEARANCE (2002M)</b> (LOCATED IN FRONT ROOF)																						
		<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>A</td> <td>D58Z</td> <td>18</td> <td>BN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>D58-GD</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	D58Z	18	BN	1661261C1	B	D58-GD	18	WH	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																		
A	D58Z	18	BN	1661261C1																		
B	D58-GD	18	WH	1661261C1																		
CONNECTOR 1661259C1 BODY LOCK 1661263C1																						
<b>LEFT MARKER (2003M)</b> (LOCATED IN FRONT ROOF)																						
		<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>A</td> <td>D58M</td> <td>18</td> <td>BN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>D58-GE</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	D58M	18	BN	1661261C1	B	D58-GE	18	WH	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																		
A	D58M	18	BN	1661261C1																		
B	D58-GE	18	WH	1661261C1																		
CONNECTOR 1661259C1 BODY LOCK 1661263C1																						
<b>MID MARKER (2004M)</b> (LOCATED IN FRONT ROOF)																						
		<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>A</td> <td>D58N</td> <td>18</td> <td>BN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>D58-GF</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	D58N	18	BN	1661261C1	B	D58-GF	18	WH	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																		
A	D58N	18	BN	1661261C1																		
B	D58-GF	18	WH	1661261C1																		
CONNECTOR 1661259C1 BODY LOCK 1661263C1																						
<b>RIGHT MARKER (2005M)</b> (LOCATED IN FRONT ROOF)																						
		<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>A</td> <td>D58P</td> <td>18</td> <td>BN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>D58-GH</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	D58P	18	BN	1661261C1	B	D58-GH	18	WH	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																		
A	D58P	18	BN	1661261C1																		
B	D58-GH	18	WH	1661261C1																		
CONNECTOR 1661259C1 BODY LOCK 1661263C1																						
<b>RIGHT CLEARANCE (2006M)</b> (LOCATED IN FRONT ROOF)																						
		<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>A</td> <td>D58R</td> <td>18</td> <td>BN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>D58-GJ</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	D58R	18	BN	1661261C1	B	D58-GJ	18	WH	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																		
A	D58R	18	BN	1661261C1																		
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CONNECTOR 1661259C1 BODY LOCK 1661263C1																						
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																
					U00K640	PROSTAR CIRCUIT DIAGRAM																
					RELEASE NO.	DATE	PART NO.															
					59637L	07SEP06	AF08-55906															
						SHEET	57															

**Figure 250 Connector Composites (2002M), (2003M), (2004M), (2005M), (2006M)**

## 14.62. CONNECTOR COMPOSITES (2100), (2101), (2102), (2103), P. 58


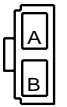
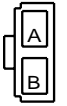
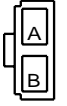



INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																				
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<div style="text-align: center;"> <p>HEADLINER TO DOME LIGHT (2100) (LOCATED IN CAB ROOF)</p>  <p>CONNECTOR 1661198C1</p> </div> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>C63-GE</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>C63D</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> <tr> <td>C</td> <td>C63E</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	C63-GE	18	WH	1661261C1	B	C63D	18	DKBL	1661261C1	C	C63E	18	DKBL	1661261C1															
CAV	CIR	GAUGE	COLOR	TERMINAL																																				
A	C63-GE	18	WH	1661261C1																																				
B	C63D	18	DKBL	1661261C1																																				
C	C63E	18	DKBL	1661261C1																																				
<div style="text-align: center;"> <p>HEADLINER TO ROOF HARNESS (2101) (LOCATED IN CAB ROOF FRONT)</p>  <p>CONNECTOR 1669972C1</p> </div> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A#</td> <td>D63L</td> <td>18</td> <td>BL</td> <td>1661212C1</td> </tr> <tr> <td>A**</td> <td>D63D</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> <tr> <td>A*</td> <td>D63-GM</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> <tr> <td>B#</td> <td>D63L-G</td> <td>18</td> <td>WH</td> <td>1661212C1</td> </tr> <tr> <td>B*</td> <td>D63-GM</td> <td>18</td> <td>WH</td> <td>1661208C1</td> </tr> <tr> <td>B**</td> <td>D63-GM</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> </tbody> </table> <div style="margin-left: auto; margin-right: auto; font-size: x-small;"> <p># W/ DOME LIGHT * W/ SLEEPER ** W/ SLEEPER-2</p> </div>						CAV	CIR	GAUGE	COLOR	TERMINAL	A#	D63L	18	BL	1661212C1	A**	D63D	18	DKBL	1661208C1	A*	D63-GM	18	DKBL	1661208C1	B#	D63L-G	18	WH	1661212C1	B*	D63-GM	18	WH	1661208C1	B**	D63-GM	18	DKBL	1661208C1
CAV	CIR	GAUGE	COLOR	TERMINAL																																				
A#	D63L	18	BL	1661212C1																																				
A**	D63D	18	DKBL	1661208C1																																				
A*	D63-GM	18	DKBL	1661208C1																																				
B#	D63L-G	18	WH	1661212C1																																				
B*	D63-GM	18	WH	1661208C1																																				
B**	D63-GM	18	DKBL	1661208C1																																				
<div style="text-align: center;"> <p>MAP / READING LIGHT (2102) (LOCATED IN CAB ROOF)</p>  <p>CONNECTOR 1669972C1</p> </div> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D63M</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> <tr> <td>B</td> <td>D63-GE</td> <td>18</td> <td>WH</td> <td>1661208C1</td> </tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	D63M	18	DKBL	1661208C1	B	D63-GE	18	WH	1661208C1																				
CAV	CIR	GAUGE	COLOR	TERMINAL																																				
A	D63M	18	DKBL	1661208C1																																				
B	D63-GE	18	WH	1661208C1																																				
<div style="text-align: center;"> <p>MAP / READING LIGHT (2103) (LOCATED IN CAB ROOF)</p>  <p>CONNECTOR 1669972C1</p> </div> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D63C</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> <tr> <td>B</td> <td>D63-GE</td> <td>18</td> <td>WH</td> <td>1661208C1</td> </tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	D63C	18	DKBL	1661208C1	B	D63-GE	18	WH	1661208C1																				
CAV	CIR	GAUGE	COLOR	TERMINAL																																				
A	D63C	18	DKBL	1661208C1																																				
B	D63-GE	18	WH	1661208C1																																				
CHK	DATE	CHANGE	REV	REFERENCE	<div style="display: flex; justify-content: space-between;"> <div> <p style="font-size: x-small;">DRAWN <b>U00K640</b></p> <p style="font-size: x-small;">RELEASE NO. <b>59637L</b></p> </div> <div> <p style="font-size: x-small;">NAME <b>PROSTAR CIRCUIT DIAGRAM</b></p> <p style="font-size: x-small;">DATE <b>07SEP06</b></p> </div> <div> <p style="font-size: x-small;">PART NO. <b>AF08-55906</b></p> </div> <div> <p style="font-size: x-small;">SHEET <b>58</b></p> </div> </div>																																			

Figure 251 Connector Composites (2100), (2101), (2102), (2103)

### 14.63. CONNECTOR COMPOSITES (2200), (2201), (2300), P. 59

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>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</b> CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																		
<b>CUSTOMER SUPPLIED WORK LIGHT (2200)</b> (LOCATED IN LEFT BACK PANEL (DAYCAB))																						
		<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>A</td> <td>A65BFA</td> <td>18</td> <td>OR</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A65-GFA</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	A65BFA	18	OR	1661261C1	B	A65-GFA	18	WH	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																		
A	A65BFA	18	OR	1661261C1																		
B	A65-GFA	18	WH	1661261C1																		
CONNECTOR 1661259C1 BODY LOCK 1661263C1																						
<b>CUSTOMER SUPPLIED WORK LIGHT (2201)</b> (LOCATED IN RIGHT BACK PANEL (DAYCAB))																						
		<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>A</td> <td>A65BFB</td> <td>18</td> <td>OR</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A65-GFB</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	A65BFB	18	OR	1661261C1	B	A65-GFB	18	WH	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																		
A	A65BFB	18	OR	1661261C1																		
B	A65-GFB	18	WH	1661261C1																		
CONNECTOR 1661259C1 BODY LOCK 1661263C1																						
<b>LEFT SPEAKER (2300)</b> (LOCATED IN LEFT B PILLAR (DAYCAB))																						
		<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>A</td> <td>A86BA</td> <td>18</td> <td>LTGN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A86CA</td> <td>18</td> <td>LTGN</td> <td>1661261C1</td> </tr> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	A86BA	18	LTGN	1661261C1	B	A86CA	18	LTGN	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																		
A	A86BA	18	LTGN	1661261C1																		
B	A86CA	18	LTGN	1661261C1																		
CONNECTOR 3535769C1 BODY LOCK 3535770C1																						
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																
					U00K640	PROSTAR CIRCUIT DIAGRAM																
					RELEASE NO.	DATE	PART NO.															
					59637L	07SEP06	AF08-55906															
							SHEET 59															


**Figure 252 Connector Composites (2200), (2201), (2300)**

# 14.64. CONNECTOR COMPOSITES (2301), (2303), P. 60

<p>INTERNATIONAL TRUCK AND ENGINE CORPORATION</p> <p><small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small></p>	<p>ELECTRICAL CIRCUIT DIAGRAM <b>CHAPTER 14</b></p> <p>CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN</p>
--	---

RIGHT SPEAKER  
(2301)  
(LOCATED IN RIGHT B PILLAR (DAYCAB))




CONNECTOR 3535769C1  
BODY LOCK 3535770C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	A86DA	18	LTGN	1661261C1
B	A86EA	18	LTGN	1661261C1


  

CB RADIO POWER  
(2303)  
(LOCATED IN CAB ROOF)



CONNECTOR 1661197C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	C86F	16	LTGN	1661209C1
B	C86-GF	16	WH	1661209C1



CONNECTOR 1661196C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	C86M	16	LTGN	1661209C1
B	C86-GG	16	WH	1661209C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN U00K640	NAME PROSTAR CIRCUIT DIAGRAM
					RELEASE NO. 59637L	DATE 07SEP06
					PART NO. AF08-55906	SHEET 60

Figure 253 Connector Composites (2301), (2303)

14.65. CONNECTOR COMPOSITES (2500), P. 61

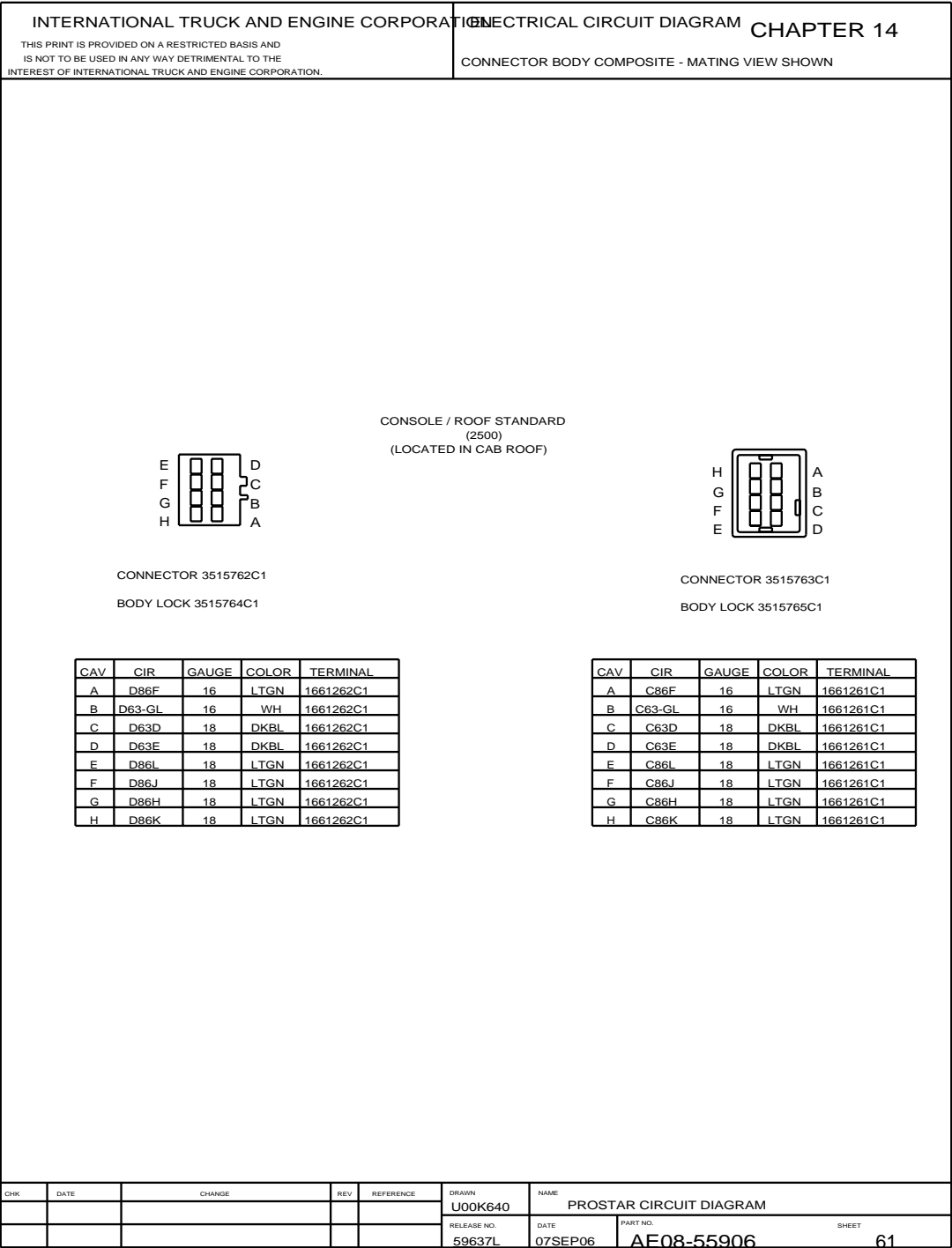


Figure 254 Connector Composites (2500)

# 14.66. CONNECTOR COMPOSITES (3000), (3003), (3100), P. 62

INTERNATIONAL TRUCK AND ENGINE CORPORATION

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 14

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CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN

DRIVER DOOR CONNECTOR

(3000)

(LOCATED IN INSTRUMENT PANEL BELOW FUSE PANEL COVER BY DRIVER DOOR)

CONNECTOR 3540612C1

BODY LOCK 3540614C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	A78D	18	LTGN	1661261C1
B	A78E	18	LTGN	1661261C1
C	A78F	18	LTGN	1661261C1
D	A78A	16	LTGN	1661261C1
E	A62BD	18	DKBL	1661261C1
F	A58DA	18	BN	1661261C1
G	A78V	18	LTGN	1661261C1
H	A78-GA	16	WH	1661261C1
J	A56D	18	OR	1661261C1
K	-	-	-	-

PASSENGER DOOR HARNESS

(3003)

(LOCATED IN INSTRUMENT PANEL BELOW FUSE PANEL COVER BY PASSENGER DOOR)

CONNECTOR 3540612C1

BODY LOCK 3540614C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	A78D	18	LTGN	1661261C1
B	A78E	18	LTGN	1661261C1
C	A78F	18	LTGN	1661261C1
D	A78B	16	LTGN	1661261C1
E	-	-	-	-
F	A58DB	18	BN	1661261C1
G	-	-	-	-
H	A78-GB	16	WH	1661261C1
J	A57D	18	OR	1661261C1
K	-	-	-	-

WINDOW MOTOR

(3100)

(LOCATED IN DOOR (DRIVER AND PASSENGER))

CONNECTOR 3534424C1

BODY LOCK 3534425C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	E83A	14	LTGN	3535486C1	0589391C1
B	E83E	14	LTGN	3535486C1	0589391C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA	2MAY07	REVISED CONNECTOR	A	60773Y	U00K640	PROSTAR CIRCUIT DIAGRAM
		LOCATION INFORMATION			RELEASE NO.	DATE
					59637L	07SEP06
						PART NO.
						AE08-55906
						SHEET
						62

Figure 255 Connector Composites (3000), (3003), (3100)

## 14.67. CONNECTOR COMPOSITES (3200), (3201M), (3202M), (3203), P. 63


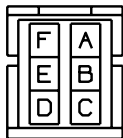
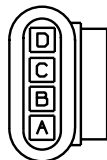
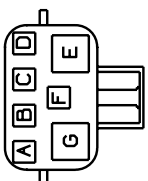
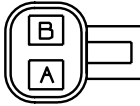
INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>					ELECTRICAL CIRCUIT DIAGRAM    CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																										
<p>DOOR / IP DOOR POD (3200) (LOCATED IN INSTRUMENT PANEL BY DRIVER DOOR)</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>CONNECTOR 1661200C1</p> <table border="1" style="margin: 5px auto; border-collapse: collapse;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>E3W(+)</td><td>18</td><td>DKBL</td><td>1661212C1</td></tr> <tr><td>B</td><td>E3X(-)</td><td>18</td><td>GY</td><td>1661212C1</td></tr> <tr><td>C</td><td>EB1B</td><td>12</td><td>LTGN</td><td>3534167C1</td></tr> <tr><td>D</td><td>EB1-GA</td><td>12</td><td>WH</td><td>3534167C1</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> </div> <div style="text-align: center;">  <p>CONNECTOR 1661201C1</p> <table border="1" style="margin: 5px auto; border-collapse: collapse;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A3AB(+)</td><td>20</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>B</td><td>A3AB(-)</td><td>20</td><td>GY</td><td>1661208C1</td></tr> <tr><td>C</td><td>AB1B</td><td>12</td><td>LTGN</td><td>3566715C1</td></tr> <tr><td>D</td><td>AB1-GA</td><td>12</td><td>WH</td><td>3566715C1</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> </div> </div>							CAV	CIR	GAUGE	COLOR	TERMINAL	A	E3W(+)	18	DKBL	1661212C1	B	E3X(-)	18	GY	1661212C1	C	EB1B	12	LTGN	3534167C1	D	EB1-GA	12	WH	3534167C1	E	-	-	-	-	F	-	-	-	-	CAV	CIR	GAUGE	COLOR	TERMINAL	A	A3AB(+)	20	DKBL	1661208C1	B	A3AB(-)	20	GY	1661208C1	C	AB1B	12	LTGN	3566715C1	D	AB1-GA	12	WH	3566715C1	E	-	-	-	-	F	-	-	-	-			
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																											
A	E3W(+)	18	DKBL	1661212C1																																																																											
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C	EB1B	12	LTGN	3534167C1																																																																											
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E	-	-	-	-																																																																											
F	-	-	-	-																																																																											
<p>DOOR POD LOAD (3201M) (LOCATED IN DOOR (DRIVER AND PASSENGER))</p> <div style="text-align: center;">  <p>CONNECTOR 3535482C1 BODY LOCK 3535483C1</p> <table border="1" style="margin: 5px auto; border-collapse: collapse;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>EB3E</td><td>14</td><td>LTGN</td><td>2033816C1</td></tr> <tr><td>B</td><td>EB3A</td><td>14</td><td>LTGN</td><td>2033816C1</td></tr> <tr><td>C</td><td>EB1A</td><td>14</td><td>LTGN</td><td>2033816C1</td></tr> <tr><td>D</td><td>EB1E</td><td>14</td><td>LTGN</td><td>2033816C1</td></tr> </tbody> </table> </div>			CAV	CIR	GAUGE	COLOR	TERMINAL	A	EB3E	14	LTGN	2033816C1	B	EB3A	14	LTGN	2033816C1	C	EB1A	14	LTGN	2033816C1	D	EB1E	14	LTGN	2033816C1	<p>DRIVER OR PASSENGER DOOR POD SIGNAL (3202M) (LOCATED IN DOOR (DRIVER AND PASSENGER))</p> <div style="text-align: center;">  <p>CONNECTOR 3540565C1 BODY LOCK 3540617C1</p> <table border="1" style="margin: 5px auto; border-collapse: collapse;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>-</td></tr> <tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>-</td></tr> <tr><td>C</td><td>E3X(-)</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>D</td><td>E3W(+)</td><td>18</td><td>DKBL</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>E</td><td>EB1-GA</td><td>12</td><td>WH</td><td>2031531C1</td><td>2025428C1</td></tr> <tr><td>F</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>-</td></tr> <tr><td>G</td><td>EB1B</td><td>12</td><td>LTGN</td><td>2031531C1</td><td>2025428C1</td></tr> </tbody> </table> </div>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	PLUG	-	-	2025431C1	-	B	PLUG	-	-	2025431C1	-	C	E3X(-)	18	GY	1661875C1	1661872C1	D	E3W(+)	18	DKBL	1661875C1	1661872C1	E	EB1-GA	12	WH	2031531C1	2025428C1	F	PLUG	-	-	2025431C1	-	G	EB1B	12	LTGN	2031531C1	2025428C1
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																											
A	EB3E	14	LTGN	2033816C1																																																																											
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CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																										
A	PLUG	-	-	2025431C1	-																																																																										
B	PLUG	-	-	2025431C1	-																																																																										
C	E3X(-)	18	GY	1661875C1	1661872C1																																																																										
D	E3W(+)	18	DKBL	1661875C1	1661872C1																																																																										
E	EB1-GA	12	WH	2031531C1	2025428C1																																																																										
F	PLUG	-	-	2025431C1	-																																																																										
G	EB1B	12	LTGN	2031531C1	2025428C1																																																																										
<p>DOOR LOCK (3203) (LOCATED IN DOOR (DRIVER AND PASSENGER))</p> <div style="text-align: center;">  <p>CONNECTOR 1671608C1 BODY LOCK 1671608C1</p> <table border="1" style="margin: 5px auto; border-collapse: collapse;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>EB1A</td><td>14</td><td>LTGN</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>EB1E</td><td>14</td><td>LTGN</td><td>2033816C1</td><td>0589391C1</td></tr> </tbody> </table> </div>							CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	EB1A	14	LTGN	2033816C1	0589391C1	B	EB1E	14	LTGN	2033816C1	0589391C1																																																							
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B	EB1E	14	LTGN	2033816C1	0589391C1																																																																										
CHK	DATE	CHANGE	REV	REFERENCE	DRAIN	NAME																																																																									
CNA	2MAY07	ADDED CONN 3202M	A	60773Y	U00K640	PROSTAR CIRCUIT DIAGRAM																																																																									
					RELEASE NO. 59637L	DATE 22SEP06																																																																									
						PART NO. AE08-55906																																																																									
						SHEET 63																																																																									

Figure 256 Connector Composites (3200), (3201M), (3202M), (3203)



14.68. CONNECTOR COMPOSITES (3204), (3205), (3206), (3300), (3400), (3410), P. 64

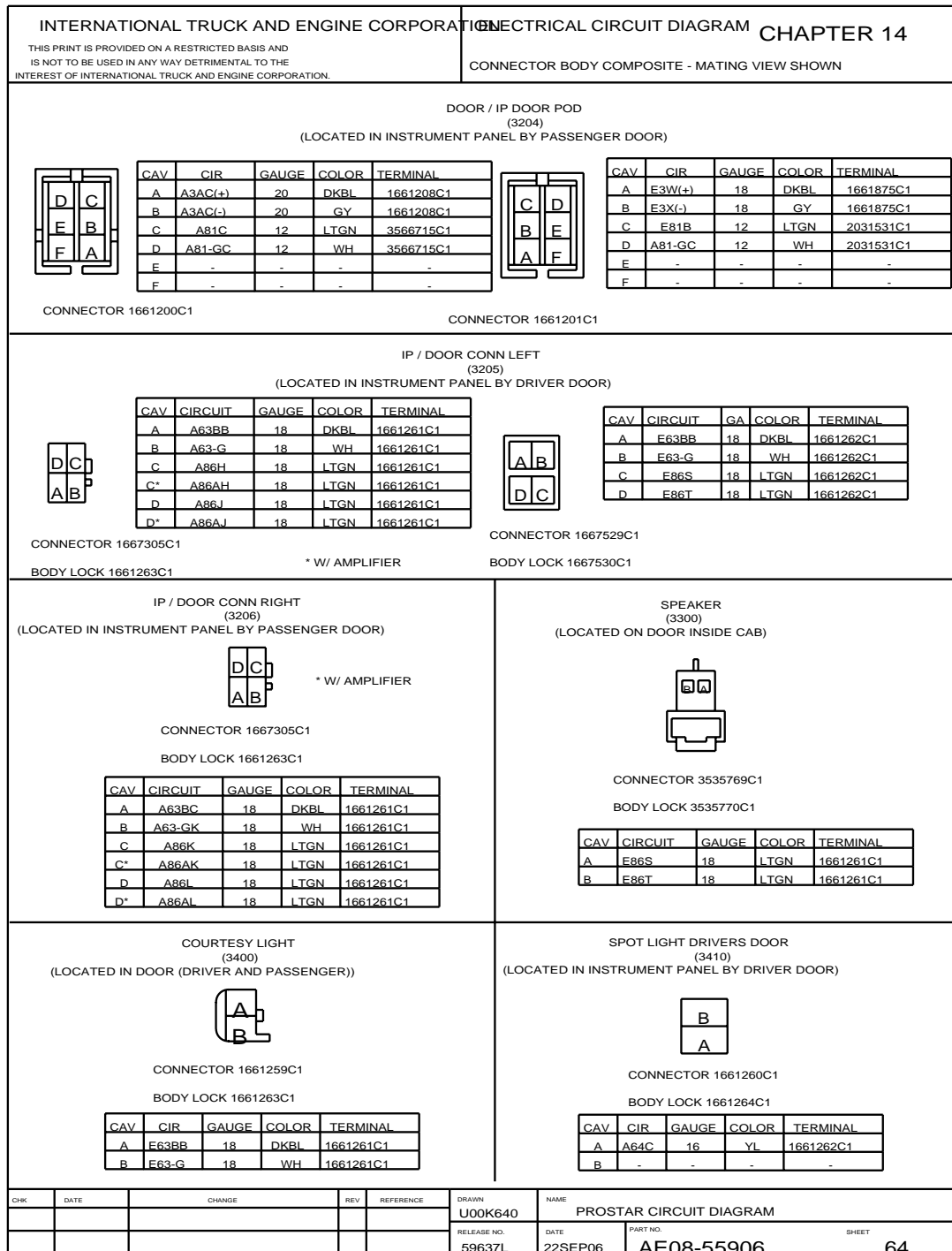
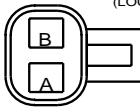
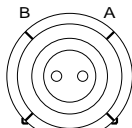
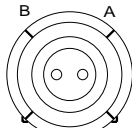
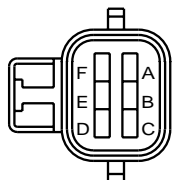



Figure 257 Connector Composites (3204), (3205), (3206), (3300), (3400), (3410)

## 14.69. CONNECTOR COMPOSITES (4101), (4200), (4201), (4202), (4203), (4204), P. 65

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>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</b> CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																												
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">  <p>CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> </div> <div style="width: 65%;"> <p align="center"><b>ENGINE START ALARM (4101)</b> (LOCATED ON DASH PANEL UNDER COWL TRAY)</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A17HC</td> <td>18</td> <td>PK</td> <td>2033819C1</td> <td>3517771C1</td> </tr> <tr> <td>A*</td> <td>A104AE</td> <td>18</td> <td>DK BL</td> <td>2033819C1</td> <td>3517771C1</td> </tr> <tr> <td>B</td> <td>A14HHC</td> <td>18</td> <td>RD</td> <td>2033819C1</td> <td>3517771C1</td> </tr> <tr> <td>B*</td> <td>A104AF</td> <td>18</td> <td>DK BL</td> <td>2033819C1</td> <td>3517771C1</td> </tr> </tbody> </table> <p align="center">* W/ REMOTE START / STOP</p> </div> </div>							CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A17HC	18	PK	2033819C1	3517771C1	A*	A104AE	18	DK BL	2033819C1	3517771C1	B	A14HHC	18	RD	2033819C1	3517771C1	B*	A104AF	18	DK BL	2033819C1	3517771C1												
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																											
A	A17HC	18	PK	2033819C1	3517771C1																																											
A*	A104AE	18	DK BL	2033819C1	3517771C1																																											
B	A14HHC	18	RD	2033819C1	3517771C1																																											
B*	A104AF	18	DK BL	2033819C1	3517771C1																																											
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">  <p>CONNECTOR 3535379C1</p> </div> <div style="width: 65%;"> <p align="center"><b>EVAPORATOR OUTLET THERMISTOR (4200)</b> (LOCATED ON DASH PANEL - RIGHT SIDE)</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A77D</td> <td>20</td> <td>LTGN</td> <td>3536590C1</td> </tr> <tr> <td>B</td> <td>A9AB</td> <td>20</td> <td>GY</td> <td>3536590C1</td> </tr> </tbody> </table> </div> </div>							CAV	CIR	GAUGE	COLOR	TERMINAL	A	A77D	20	LTGN	3536590C1	B	A9AB	20	GY	3536590C1																											
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<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">  <p>CONNECTOR 3535379C1</p> </div> <div style="width: 65%;"> <p align="center"><b>EVAPORATOR INLET THERMISTOR (4201)</b> (LOCATED ON DASH PANEL - RIGHT SIDE)</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A77E</td> <td>20</td> <td>LTGN</td> <td>3536590C1</td> </tr> <tr> <td>B</td> <td>A9AC</td> <td>20</td> <td>GY</td> <td>3536590C1</td> </tr> </tbody> </table> </div> </div>							CAV	CIR	GAUGE	COLOR	TERMINAL	A	A77E	20	LTGN	3536590C1	B	A9AC	20	GY	3536590C1																											
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B	A9AC	20	GY	3536590C1																																												
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">  <p>CONNECTOR 2011340C1 BODY LOCK 2011364C1</p> </div> <div style="width: 65%;"> <p align="center"><b>PARKED HEAT VALVE 1B (4203)</b> (LOCATED UNDER HOOD)</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A74D</td> <td>18</td> <td>LTGN</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>PLUG</td> <td>-</td> <td>-</td> <td>2025431C1</td> <td>-</td> </tr> <tr> <td>D</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>2025431C1</td> <td>-</td> </tr> <tr> <td>E</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>2025431C1</td> <td>-</td> </tr> <tr> <td>F</td> <td>A74E</td> <td>18</td> <td>LTGN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table> </div> </div>							CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A74D	18	LTGN	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	C	PLUG	-	-	2025431C1	-	D	PLUG	-	-	2025431C1	-	E	PLUG	-	-	2025431C1	-	F	A74E	18	LTGN	1661875C1	3568570C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																											
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D	PLUG	-	-	2025431C1	-																																											
E	PLUG	-	-	2025431C1	-																																											
F	A74E	18	LTGN	1661875C1	3568570C1																																											
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">  <p>CONNECTOR 3590299C1 BODY LOCK 1661874C1</p> </div> <div style="width: 65%;"> <p align="center"><b>PARKED HEAT VALVE 1B (4204)</b> (LOCATED UNDER HOOD)</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A75TK</td> <td>18</td> <td>LTGN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>B</td> <td>A75T-GB</td> <td>18</td> <td>LTGN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table> </div> </div>							CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A75TK	18	LTGN	1661875C1	3568570C1	B	A75T-GB	18	LTGN	1661875C1	3568570C1																								
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<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.7em;"> <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>RAW6</td> <td>19NOV07</td> <td>REVISED AND REDRAWN</td> <td>B</td> <td>50297W</td> <td>U00K640</td> <td>CIRCUIT DIAGRAM, PROSTAR</td> </tr> <tr> <td colspan="4"></td> <td>RELEASE NO.</td> <td>DATE</td> <td>PART NO.</td> </tr> <tr> <td colspan="4"></td> <td>59637L</td> <td>07SEP06</td> <td>AE08055906</td> </tr> </table>							CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	RAW6	19NOV07	REVISED AND REDRAWN	B	50297W	U00K640	CIRCUIT DIAGRAM, PROSTAR					RELEASE NO.	DATE	PART NO.					59637L	07SEP06	AE08055906														
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**Figure 258 Connector Composites (4101), (4200), (4201), (4202), (4203), (4204)**

# 14.70. CONNECTOR COMPOSITES (4328), (4500), (4705), (4706), P. 65A


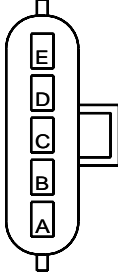
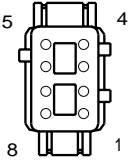
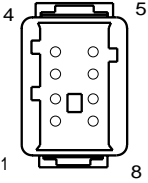
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																																													
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																													
<p>ENGINE DIAGNOSTICS CONNECTOR (4328)</p>  <p>CONNECTOR 3602454C1 BODY LOCK 1655705C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K98YL6</td> <td>18</td> <td>YL</td> <td>3572626C1</td> </tr> <tr> <td>B</td> <td>K98GN6</td> <td>18</td> <td>GN</td> <td>3572626C1</td> </tr> <tr> <td>C</td> <td>K91A</td> <td>18</td> <td>VT</td> <td>3572626C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K98YL6	18	YL	3572626C1	B	K98GN6	18	GN	3572626C1	C	K91A	18	VT	3572626C1	<p>WIPER MOTOR (4500) (LOCATED UNDER HOOD)</p>  <p>CONNECTOR 1661375C2 BODY LOCK 1661376C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A82D</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>A82J</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>A82-G</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>D</td> <td>A82K</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>E</td> <td>A82L</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A82D	16	GY	2033819C1	1652325C1	B	A82J	16	GY	2033819C1	1652325C1	C	A82-G	16	WH	2033819C1	1652325C1	D	A82K	16	GY	2033819C1	1652325C1	E	A82L	16	GY	2033819C1	1652325C1																																		
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E	A82L	16	GY	2033819C1	1652325C1																																																																																												
<p>BODY BUILDER CONNECTOR (4705)</p>  <p>CONNECTOR 3539139C1 BODY LOCK 3539144C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K92A15</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>2</td> <td>K92A11</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>3</td> <td>K92A12</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>4</td> <td>K92A13</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>5</td> <td>K92A9</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>6</td> <td>K92A10</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>7</td> <td>K92A8</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>8</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3527276C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K92A15	18	TN	3518963C1	2	K92A11	18	TN	3518963C1	3	K92A12	18	TN	3518963C1	4	K92A13	18	TN	3518963C1	5	K92A9	18	TN	3518963C1	6	K92A10	18	TN	3518963C1	7	K92A8	18	TN	3518963C1	8	PLUG	-	-	3527276C1	<p>BODY BUILDER CONNECTOR 2 (4706)</p>  <p>CONNECTOR 3539140C1 BODY LOCK 3539145C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K92A5</td> <td>18</td> <td>TN</td> <td>3518961C1</td> </tr> <tr> <td>2</td> <td>K92A4</td> <td>18</td> <td>TN</td> <td>3518961C1</td> </tr> <tr> <td>3</td> <td>K92A3</td> <td>18</td> <td>TN</td> <td>3518961C1</td> </tr> <tr> <td>4</td> <td>K92A14</td> <td>18</td> <td>TN</td> <td>3518961C1</td> </tr> <tr> <td>5</td> <td>K92A2</td> <td>18</td> <td>TN</td> <td>3518961C1</td> </tr> <tr> <td>6</td> <td>K92A6</td> <td>18</td> <td>TN</td> <td>3518961C1</td> </tr> <tr> <td>7</td> <td>K92A7</td> <td>18</td> <td>TN</td> <td>3518961C1</td> </tr> <tr> <td>8</td> <td>K92A1</td> <td>18</td> <td>TN</td> <td>3518961C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K92A5	18	TN	3518961C1	2	K92A4	18	TN	3518961C1	3	K92A3	18	TN	3518961C1	4	K92A14	18	TN	3518961C1	5	K92A2	18	TN	3518961C1	6	K92A6	18	TN	3518961C1	7	K92A7	18	TN	3518961C1	8	K92A1	18	TN	3518961C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																													
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2	K92A11	18	TN	3518963C1																																																																																													
3	K92A12	18	TN	3518963C1																																																																																													
4	K92A13	18	TN	3518963C1																																																																																													
5	K92A9	18	TN	3518963C1																																																																																													
6	K92A10	18	TN	3518963C1																																																																																													
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8	PLUG	-	-	3527276C1																																																																																													
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																													
1	K92A5	18	TN	3518961C1																																																																																													
2	K92A4	18	TN	3518961C1																																																																																													
3	K92A3	18	TN	3518961C1																																																																																													
4	K92A14	18	TN	3518961C1																																																																																													
5	K92A2	18	TN	3518961C1																																																																																													
6	K92A6	18	TN	3518961C1																																																																																													
7	K92A7	18	TN	3518961C1																																																																																													
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																											
CNA1	08MAY08	INITIAL RELEASE	A	61296K	380061	CIRCUIT DIAGRAM, PROSTAR																																																																																											
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Figure 259 Connector Composites (4328), (4500), (4705), (4706)

14.71. CONNECTOR COMPOSITES (5000), P. 66

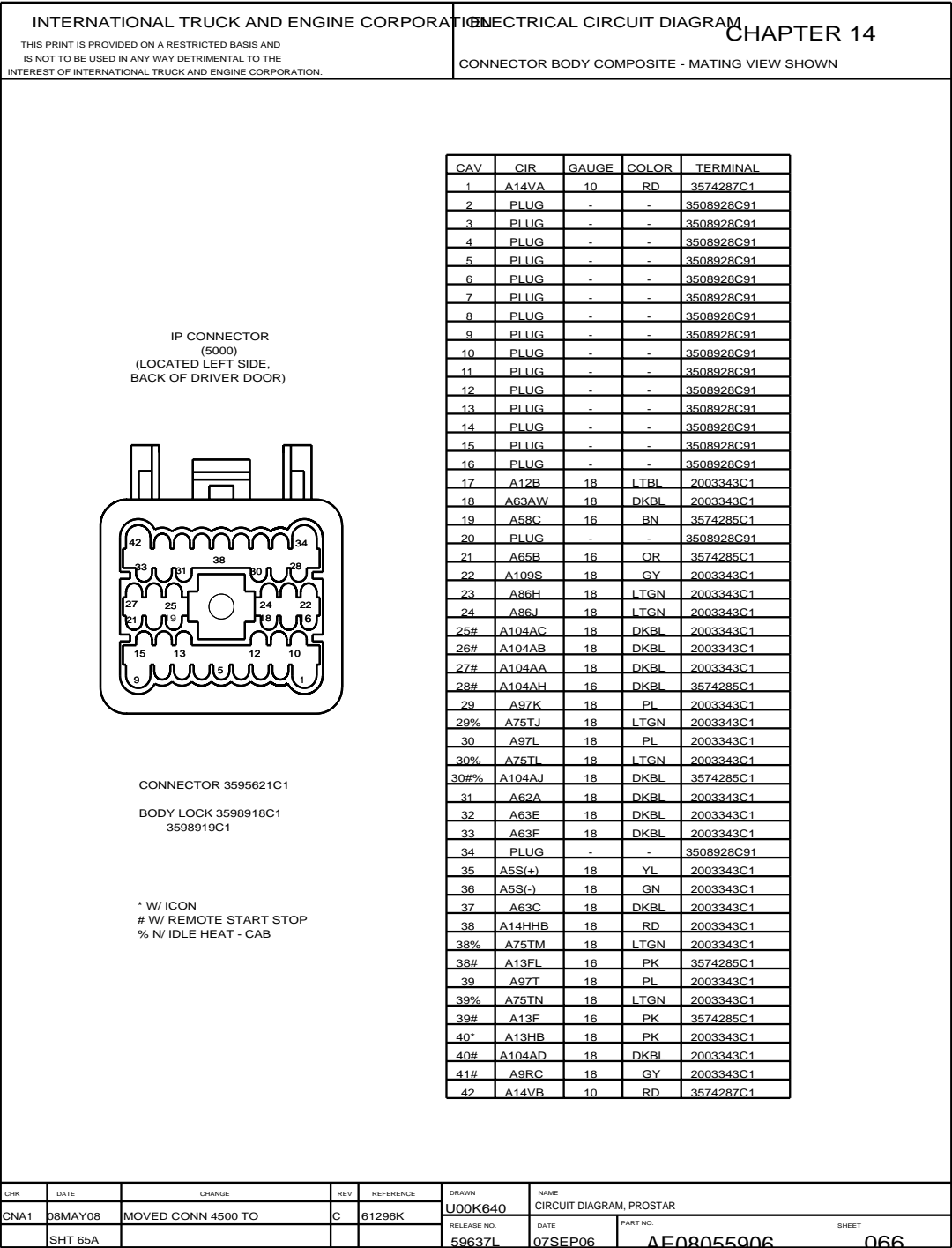


Figure 260 Connector Composites (5000)

## 14.72. CONNECTOR COMPOSITES (5000), P. 67

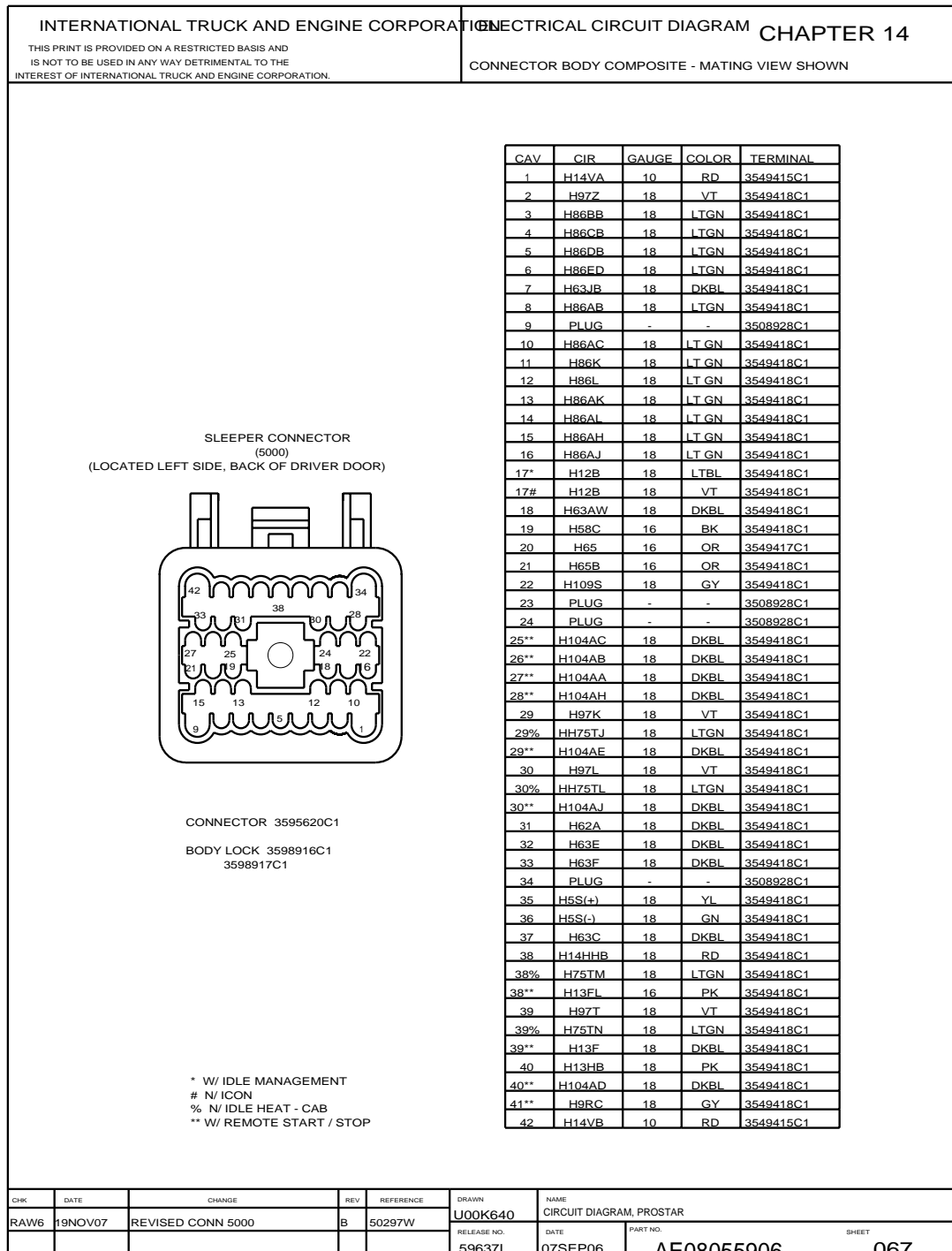
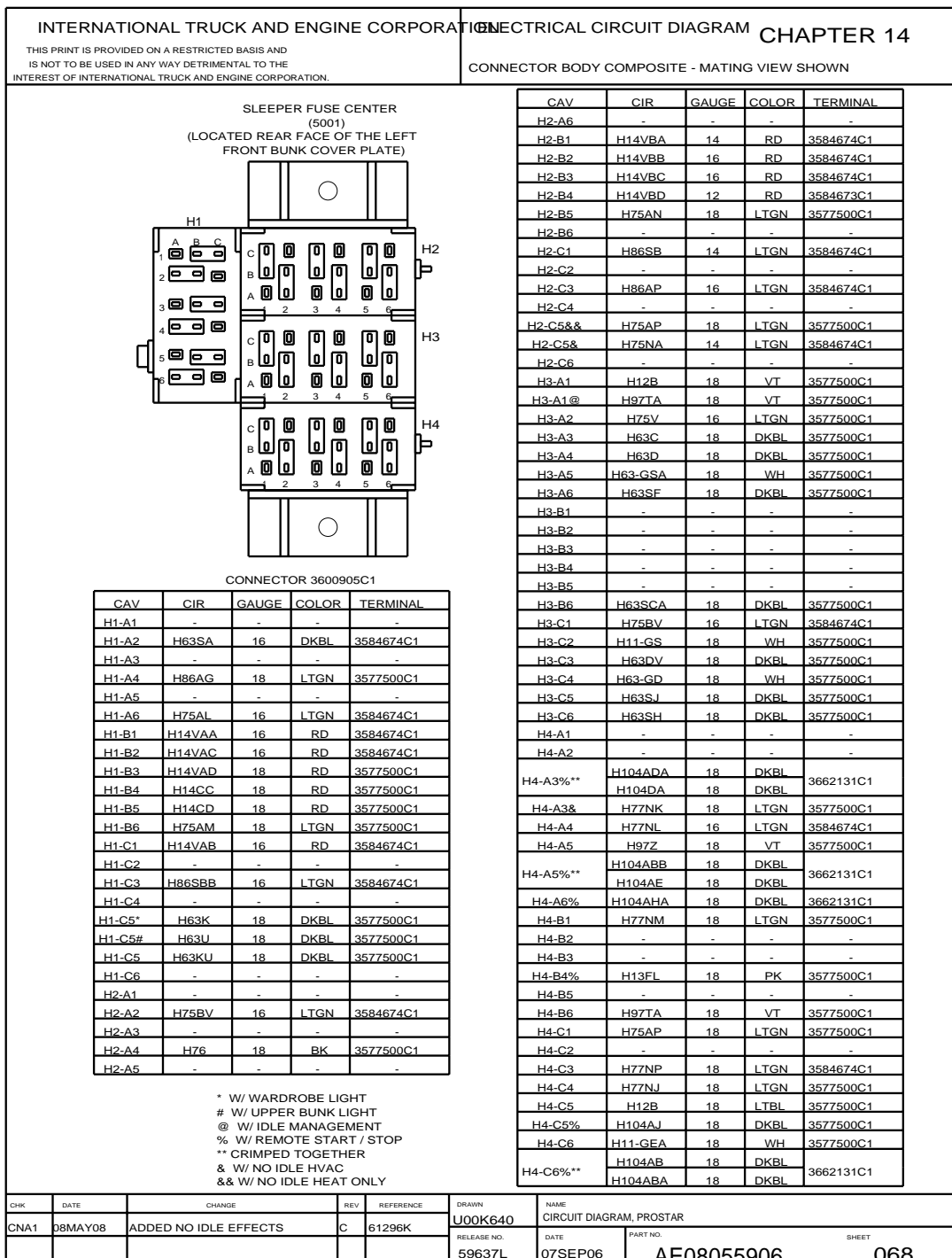


Figure 261 Connector Composites (5000)

## 14.73. CONNECTOR COMPOSITES (5001), P. 68



**Figure 262 Connector Composites (5001)**

## 14.74. CONNECTOR COMPOSITES (5003), (5005), (5006), (5007), P. 69


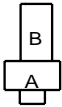

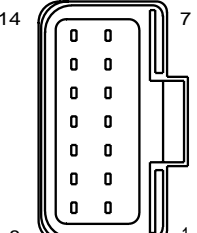
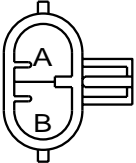
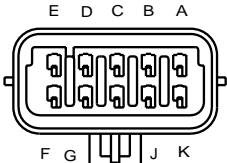
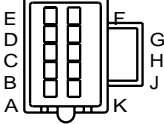
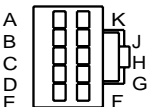
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																																																																														
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																																																														
<p>12V POWER SOURCE (5003) (LOCATED IN SLEEPER CONTROL PANEL)</p>  <p>CONNECTOR 3613000C1 BODY LOCK 3557682C1</p>				<table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>H86SBA</td><td>16</td><td>LTBL</td><td>3534165C1</td></tr><tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>C</td><td>H86-GSA</td><td>16</td><td>WH</td><td>3534165C1</td></tr></tbody></table>		CAV	CIR	GAUGE	COLOR	TERMINAL	A	H86SBA	16	LTBL	3534165C1	B	-	-	-	-	C	H86-GSA	16	WH	3534165C1																																																																																																									
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B	-	-	-	-																																																																																																																														
C	H86-GSA	16	WH	3534165C1																																																																																																																														
<p>12V POWER SOURCE (5005) (LOCATED UNDER BUNK - RIGHT SIDE)</p>  <p>CONNECTOR 0872291R1</p>				<table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>H86-GSC</td><td>16</td><td>WH</td><td>0188396R1</td></tr><tr><td>B</td><td>H86SA</td><td>16</td><td>LTGN</td><td>0188396R1</td></tr></tbody></table>		CAV	CIR	GAUGE	COLOR	TERMINAL	A	H86-GSC	16	WH	0188396R1	B	H86SA	16	LTGN	0188396R1																																																																																																														
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B	H86SA	16	LTGN	0188396R1																																																																																																																														
<p>POWER PANEL GROUND (5006) (LOCATED UNDER BUNK)</p>  <p>CONNECTOR 1661197C1</p>				<table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>B</td><td>HA11-GSP</td><td>14</td><td>WH</td><td>3534167C1</td></tr></tbody></table>		CAV	CIR	GAUGE	COLOR	TERMINAL	A	-	-	-	-	B	HA11-GSP	14	WH	3534167C1																																																																																																														
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B	HA11-GSP	14	WH	3534167C1																																																																																																																														
<p>GROUND ADAPTER (5007) (LOCATED REAR FACE OF FRONT LEFT BUNK PANEL)</p>  <p>CONNECTOR 3613769C1</p> <p>* W/ TRIP MASTER + W/ QUALCOMM W/ TMCT ++ W/ QUALCOMM W/ IMCT @ W/ SATELLITE COMMUNICATION ** W/ XATA # W/ COOLANT HEATER ## W/ REMOTE START / STOP &amp; W/ WARDROBE &amp; UPPER BUNK LIGHTS-W/72" CAB &amp;&amp; W/ UPPER BUNK LIGHT-W/72" CAB @@ W/ IDLE MANAGEMENT-W/51" CAB % W/ NO IDLE HVAC</p>				<table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>H11-GM</td><td>10</td><td>WH</td><td>3613770C1</td></tr><tr><td>2</td><td>H58-G</td><td>16</td><td>WH</td><td>3613771C1</td></tr><tr><td>3</td><td>H86-GH</td><td>16</td><td>LTGN</td><td>3613770C1</td></tr><tr><td>4</td><td>H65-GE</td><td>16</td><td>WH</td><td>3613771C1</td></tr><tr><td>5</td><td>H86-GHW</td><td>18</td><td>LTGN</td><td>3613771C1</td></tr><tr><td>6</td><td>H86-GK</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>7</td><td>H11-GSP</td><td>14</td><td>WH</td><td>3613770C1</td></tr><tr><td>8</td><td>H63-GK</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>8&amp;&amp;</td><td>H63-GU</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>8&amp;</td><td>H63-GX</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>9</td><td>H75-GB</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>9#</td><td>H75-GB</td><td>18</td><td>LTGN</td><td>3613771C1</td></tr><tr><td>9%</td><td>H77NT</td><td>14</td><td>LTGN</td><td>3613770C1</td></tr><tr><td>10</td><td>H11-GT</td><td>14</td><td>WH</td><td>3613770C1</td></tr><tr><td>11*</td><td>H11-GSD</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>11+</td><td>H11-GMB</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>11++</td><td>H11-GMC</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>11@</td><td>H11-GMB</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>11**</td><td>H11-GMD</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>12</td><td>H76-G</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>13</td><td>H75-GSX</td><td>14</td><td>WH</td><td>3613770C1</td></tr><tr><td>13##</td><td>H104-GB</td><td>18</td><td>DKBL</td><td>3613771C1</td></tr><tr><td>13@@</td><td>H11-GEC</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>14</td><td>H86-GSB</td><td>16</td><td>WH</td><td>3613770C1</td></tr></tbody></table>		CAV	CIR	GAUGE	COLOR	TERMINAL	1	H11-GM	10	WH	3613770C1	2	H58-G	16	WH	3613771C1	3	H86-GH	16	LTGN	3613770C1	4	H65-GE	16	WH	3613771C1	5	H86-GHW	18	LTGN	3613771C1	6	H86-GK	18	WH	3613771C1	7	H11-GSP	14	WH	3613770C1	8	H63-GK	18	WH	3613771C1	8&&	H63-GU	18	WH	3613771C1	8&	H63-GX	18	WH	3613771C1	9	H75-GB	18	WH	3613771C1	9#	H75-GB	18	LTGN	3613771C1	9%	H77NT	14	LTGN	3613770C1	10	H11-GT	14	WH	3613770C1	11*	H11-GSD	18	WH	3613771C1	11+	H11-GMB	18	WH	3613771C1	11++	H11-GMC	18	WH	3613771C1	11@	H11-GMB	18	WH	3613771C1	11**	H11-GMD	18	WH	3613771C1	12	H76-G	18	WH	3613771C1	13	H75-GSX	14	WH	3613770C1	13##	H104-GB	18	DKBL	3613771C1	13@@	H11-GEC	18	WH	3613771C1	14	H86-GSB	16	WH	3613770C1
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Figure 263 Connector Composites (5003), (5005), (5006), (5007)

## 14.75. CONNECTOR COMPOSITES (5009), (5010), (5011), P. 69A

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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>AUX HEATER (5009) (LOCATED ON RIGHT SIDE, BACK OF PASSENGER DOOR)</p>  <p>CONNECTOR 2031520C1 BODY LOCK 2033927C1</p> </div> <div style="width: 50%;"> <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr> <td>A</td><td>H75C</td><td>12</td><td>LT GN</td><td>2025422C1</td><td>2025428C1</td></tr> <tr> <td>B</td><td>H11-GSM</td><td>12</td><td>WH</td><td>2025422C1</td><td>2025428C1</td></tr> </tbody> </table> </div> </div>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	H75C	12	LT GN	2025422C1	2025428C1	B	H11-GSM	12	WH	2025422C1	2025428C1																																																																																																						
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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>SAT COMMUNICATION (5010) (LOCATED ON RIGHT SIDE, BACK OF PASSENGER DOOR)</p>  <p>CONNECTOR 3538634C1 BODY LOCK 3538636C1</p> <p>* W/ TRIP MASTER ** W/ XATA @ W/ QUALCOMM</p> </div> <div style="width: 50%;"> <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A*</td><td>H14SD</td><td>18</td><td>RD</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>A**</td><td>H14ED</td><td>18</td><td>RD</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>A@</td><td>H14EA</td><td>18</td><td>RD</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B@</td><td>H13EE</td><td>18</td><td>PK</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B*</td><td>H13SD</td><td>18</td><td>PK</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>H13EE</td><td>18</td><td>PK</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>C@</td><td>H3BD</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>C**</td><td>H3BE(-)</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>C*</td><td>H98B</td><td>18</td><td>BK</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>D@</td><td>H3BD(+)</td><td>18</td><td>DKBL</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>D**</td><td>H3BE(+)</td><td>18</td><td>DKBL</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>D*</td><td>H98A</td><td>18</td><td>BK</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>E@</td><td>H98F</td><td>18</td><td>BK</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>E**</td><td>H14EBA</td><td>18</td><td>RD</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>F</td><td>H11-GSC</td><td>18</td><td>WH</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>G</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>2025431C1</td></tr> <tr><td>H</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>2025431C1</td></tr> <tr><td>J</td><td>H70E</td><td>18</td><td>OR</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>K</td><td>H50S</td><td>18</td><td>YL</td><td>1667742C1</td><td>1661872C1</td></tr> </tbody> </table> </div> </div>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	H14SD	18	RD	1667742C1	1661872C1	A**	H14ED	18	RD	1667742C1	1661872C1	A@	H14EA	18	RD	1667742C1	1661872C1	B@	H13EE	18	PK	1667742C1	1661872C1	B*	H13SD	18	PK	1667742C1	1661872C1	B	H13EE	18	PK	1667742C1	1661872C1	C@	H3BD	18	GY	1667742C1	1661872C1	C**	H3BE(-)	18	GY	1667742C1	1661872C1	C*	H98B	18	BK	1667742C1	1661872C1	D@	H3BD(+)	18	DKBL	1667742C1	1661872C1	D**	H3BE(+)	18	DKBL	1667742C1	1661872C1	D*	H98A	18	BK	1667742C1	1661872C1	E@	H98F	18	BK	1667742C1	1661872C1	E**	H14EBA	18	RD	1667742C1	1661872C1	F	H11-GSC	18	WH	1667742C1	1661872C1	G	PLUG	-	-	-	2025431C1	H	PLUG	-	-	-	2025431C1	J	H70E	18	OR	1667742C1	1661872C1	K	H50S	18	YL	1667742C1	1661872C1
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D*	H98A	18	BK	1667742C1	1661872C1																																																																																																																						
E@	H98F	18	BK	1667742C1	1661872C1																																																																																																																						
E**	H14EBA	18	RD	1667742C1	1661872C1																																																																																																																						
F	H11-GSC	18	WH	1667742C1	1661872C1																																																																																																																						
G	PLUG	-	-	-	2025431C1																																																																																																																						
H	PLUG	-	-	-	2025431C1																																																																																																																						
J	H70E	18	OR	1667742C1	1661872C1																																																																																																																						
K	H50S	18	YL	1667742C1	1661872C1																																																																																																																						
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>REMOTE RADIO &amp; TWEETER (5011)</p>  <p>CONNECTOR 3540612C1 BODY LOCK 3540614C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>H86R</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>B</td><td>H86AF</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>C</td><td>H86(+)</td><td>18</td><td>YL</td><td>1661262C1</td></tr> <tr><td>D</td><td>H86(-)</td><td>18</td><td>GN</td><td>1661262C1</td></tr> <tr><td>E</td><td>H86F</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>F</td><td>H86AR</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>G</td><td>H86AS</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>H</td><td>H86AT</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>J</td><td>H86AU</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>K</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> </div> <div style="width: 45%;">  <p>CONNECTOR 3540613C1 BODY LOCK 3540615C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A86R</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>B</td><td>A86AF</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>C</td><td>A86(+)</td><td>18</td><td>YL</td><td>1661262C1</td></tr> <tr><td>D</td><td>A86(-)</td><td>18</td><td>GN</td><td>1661262C1</td></tr> <tr><td>E</td><td>A86F</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>F</td><td>A86AR</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>G</td><td>A86AS</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>H</td><td>A86AT</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>J</td><td>A86AU</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>K</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> </div> </div>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	H86R	18	LTGN	1661262C1	B	H86AF	18	LTGN	1661262C1	C	H86(+)	18	YL	1661262C1	D	H86(-)	18	GN	1661262C1	E	H86F	18	LTGN	1661262C1	F	H86AR	18	LTGN	1661262C1	G	H86AS	18	LTGN	1661262C1	H	H86AT	18	LTGN	1661262C1	J	H86AU	18	LTGN	1661262C1	K	-	-	-	-	CAV	CIR	GAUGE	COLOR	TERMINAL	A	A86R	18	LTGN	1661262C1	B	A86AF	18	LTGN	1661262C1	C	A86(+)	18	YL	1661262C1	D	A86(-)	18	GN	1661262C1	E	A86F	18	LTGN	1661262C1	F	A86AR	18	LTGN	1661262C1	G	A86AS	18	LTGN	1661262C1	H	A86AT	18	LTGN	1661262C1	J	A86AU	18	LTGN	1661262C1	K	-	-	-	-										
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**Figure 264 Connector Composites (5009), (5010), (5011)**



# 14.76. CONNECTOR COMPOSITES (5012), (5013), (5015), (5031), (5033), P. 70

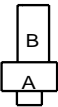
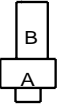

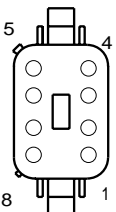
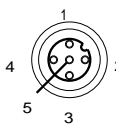
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																														
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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>LONG SLEEPER SKY / RISE 12V POWER SOURCE (5012)</p>  <p>CONNECTOR 0872291R1 BODY LOCK 3557682C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H86-GSB</td> <td>16</td> <td>WH</td> <td>0188396R1</td> </tr> <tr> <td>B</td> <td>H86SBB</td> <td>16</td> <td>LTGN</td> <td>0188396R1</td> </tr> </tbody> </table> </div> </div>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	H86-GSB	16	WH	0188396R1	B	H86SBB	16	LTGN	0188396R1																														
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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>LONG SLEEPER SKY / RISE 12V POWER SOURCE (5013) (LOCATED IN RIGHT SIDE OF SLEEPER)</p>  <p>CONNECTOR 0872291R1 BODY LOCK 3557682C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H86-GSB</td> <td>16</td> <td>WH</td> <td>0188396R1</td> </tr> <tr> <td>B</td> <td>H86SBB</td> <td>16</td> <td>LTGN</td> <td>0188396R1</td> </tr> </tbody> </table> </div> </div>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	H86-GSB	16	WH	0188396R1	B	H86SBB	16	LTGN	0188396R1																														
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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>SKY RISE UPPER BUNK POWER SOURCE (5015)</p>  <p>CONNECTOR 3613000C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H86M</td> <td>16</td> <td>LTGN</td> <td>3534165C1</td> </tr> <tr> <td>B</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>H86-GJJ</td> <td>16</td> <td>WH</td> <td>3534165C1</td> </tr> </tbody> </table> </div> </div>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	H86M	16	LTGN	3534165C1	B	-	-	-	-	C	H86-GJJ	16	WH	3534165C1																									
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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>APU / PDC (5031)</p>  <p>CONNECTOR 3674957C1 BODY LOCK 3534766C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>H77NA</td><td>18</td><td>LTGN</td><td>1680205C1</td></tr> <tr><td>2</td><td>H77NB</td><td>18</td><td>LTGN</td><td>1680205C1</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>4</td><td>H5MB(-)</td><td>18</td><td>GN</td><td>1680205C1</td></tr> <tr><td>5</td><td>H5MB(+)</td><td>18</td><td>YL</td><td>1680205C1</td></tr> <tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>8</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> </tbody> </table> </div> </div>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	H77NA	18	LTGN	1680205C1	2	H77NB	18	LTGN	1680205C1	3	PLUG	-	-	0453133C1	4	H5MB(-)	18	GN	1680205C1	5	H5MB(+)	18	YL	1680205C1	6	PLUG	-	-	0453133C1	7	PLUG	-	-	0453133C1	8	PLUG	-	-	0453133C1
CAV	CIR	GAUGE	COLOR	TERMINAL																																														
1	H77NA	18	LTGN	1680205C1																																														
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8	PLUG	-	-	0453133C1																																														
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>MAXXSAVER APU DISPLAY (5033)</p>  <p>CONNECTOR 3824839C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>H77C</td><td>22</td><td>RD</td><td>ASSY</td></tr> <tr><td>3</td><td>H12-G</td><td>22</td><td>BK</td><td>ASSY</td></tr> <tr><td>4</td><td>H5U+</td><td>22</td><td>WH</td><td>ASSY</td></tr> <tr><td>5</td><td>H5U-</td><td>22</td><td>BL</td><td>ASSY</td></tr> </tbody> </table> </div> </div>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	H77C	22	RD	ASSY	3	H12-G	22	BK	ASSY	4	H5U+	22	WH	ASSY	5	H5U-	22	BL	ASSY															
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CNA1	08MAY08	ADDED CONN 5031, 5033	C	61296K	U00K640	CIRCUIT DIAGRAM, PROSTAR																																												
		MOVED 5100, 5101 TO SHT 70A			59637L	07SEP06																																												
						AE08055906 070																																												

Figure 265 Connector Composites (5012), (5013), (5015), (5031), (5033)

14.77. CONNECTOR COMPOSITES (5034), (5035/5035A), (5100), (5101), P. 70A

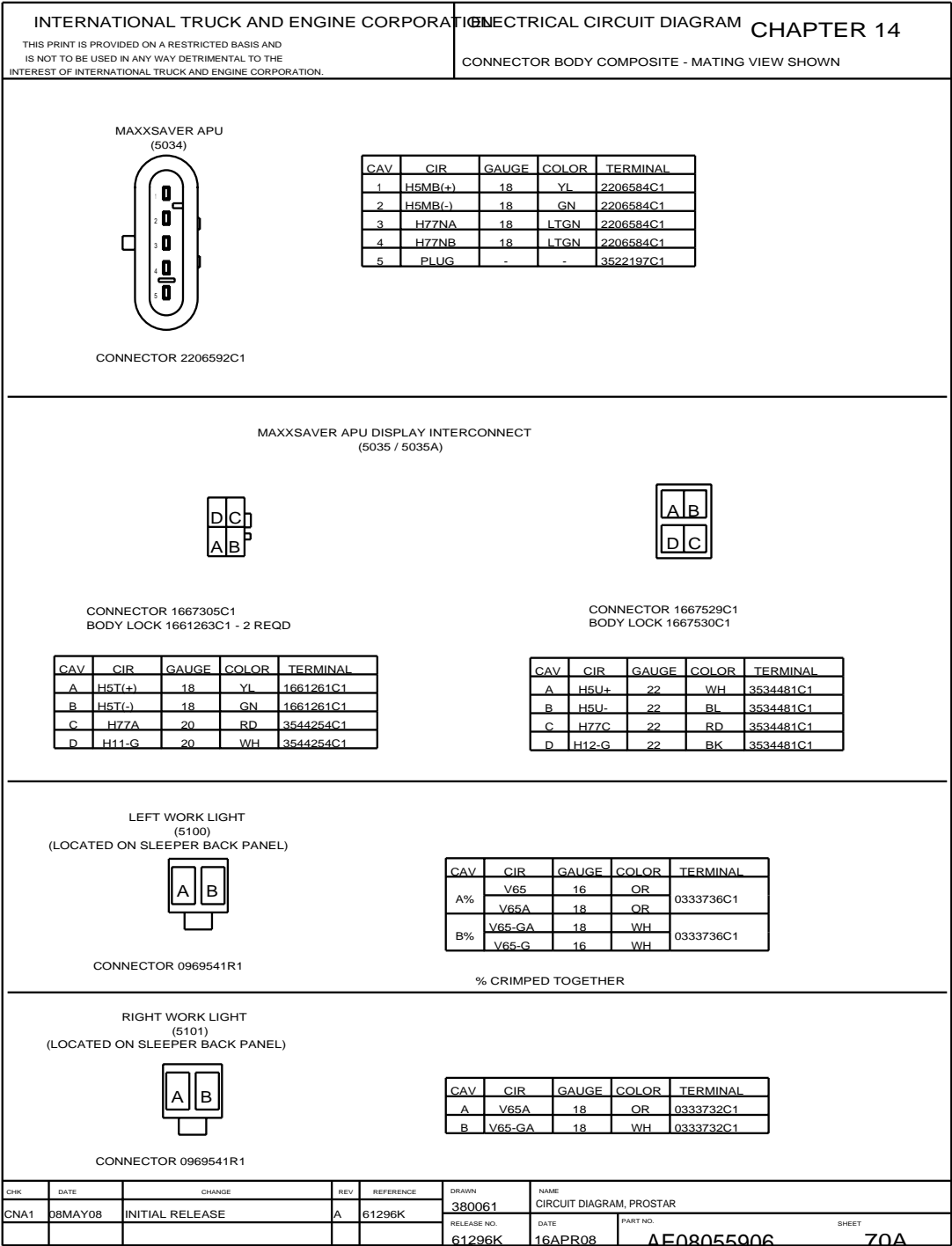


Figure 266 Connector Composites (5034), (5035/5035A), (5100), (5101)

# 14.78. CONNECTOR COMPOSITES (5102), (5103), (5104), (5105), P. 71

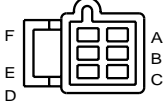
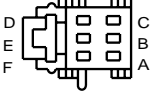
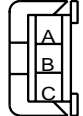
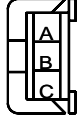
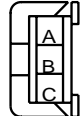





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<p>ROOF / SLEEPER CONNECTOR (5102) (LOCATED IN SLEEPER BACK PANEL - UPPER LEFT)</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>CONNECTOR 2031872C1 BODY LOCK 2031874C1</p> <table border="1" style="margin: auto; font-size: 8px;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>V63HB</td><td>18</td><td>DKBL</td><td>1661262C1</td></tr> <tr><td>B</td><td>V63GB</td><td>18</td><td>WH</td><td>1661262C1</td></tr> <tr><td>C</td><td>V63D</td><td>18</td><td>DKBL</td><td>1661262C1</td></tr> <tr><td>D</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E</td><td>V9NCB</td><td>18</td><td>GY</td><td>1661262C1</td></tr> <tr><td>F</td><td>V63EB</td><td>18</td><td>DKBL</td><td>1661262C1</td></tr> </tbody> </table> </div> <div style="text-align: center;">  <p>CONNECTOR 2031871C1 BODY LOCK 2031873C1</p> <table border="1" style="margin: auto; font-size: 8px;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>H63HB</td><td>16</td><td>DKBL</td><td>1661261C1</td></tr> <tr><td>B</td><td>H63GB</td><td>16</td><td>WH</td><td>1661261C1</td></tr> <tr><td>C</td><td>H63D</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr> <tr><td>D</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E</td><td>H109SB</td><td>18</td><td>GY</td><td>1661261C1</td></tr> <tr><td>F</td><td>H63EB</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr> </tbody> </table> </div> </div>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	V63HB	18	DKBL	1661262C1	B	V63GB	18	WH	1661262C1	C	V63D	18	DKBL	1661262C1	D	-	-	-	-	E	V9NCB	18	GY	1661262C1	F	V63EB	18	DKBL	1661262C1	CAV	CIR	GAUGE	COLOR	TERMINAL	A	H63HB	16	DKBL	1661261C1	B	H63GB	16	WH	1661261C1	C	H63D	18	DKBL	1661261C1	D	-	-	-	-	E	H109SB	18	GY	1661261C1	F	H63EB	18	DKBL	1661261C1
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<p>LEFT SLEEPER AUX ACCENT LIGHT (5103) (LOCATED IN SLEEPER ROOF)</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;">  <p>CONNECTOR 1661198C1</p> </div> <table border="1" style="margin: auto; font-size: 8px;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>V63GBD</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>V63HBD</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> </tbody> </table> </div>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	V63GBD	18	WH	1661208C1	B	-	-	-	-	C	V63HBD	18	DKBL	1661208C1																																																		
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<p>RIGHT SLEEPER AUX ACCENT LIGHT (5104) (LOCATED IN SLEEPER ROOF)</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;">  <p>CONNECTOR 1661198C1</p> </div> <table border="1" style="margin: auto; font-size: 8px;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>V63GBE</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>V63HBE</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> </tbody> </table> </div>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	V63GBE	18	WH	1661208C1	B	-	-	-	-	C	V63HBE	18	DKBL	1661208C1																																																		
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<p>LEFT SLEEPER ACCENT LIGHT (5105) (LOCATED IN SLEEPER ROOF)</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;">  <p>CONNECTOR 1661198C1</p> </div> <table border="1" style="margin: auto; font-size: 8px;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>V63GBB</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>V63HBB</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> </tbody> </table> </div>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	V63GBB	18	WH	1661208C1	B	-	-	-	-	C	V63HBB	18	DKBL	1661208C1																																																		
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Figure 267 Connector Composites (5102), (5103), (5104), (5105)

## 14.79. CONNECTOR COMPOSITES (5106), (5107), (5109), (5110), (5111), P. 72

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>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</b> CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																			
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>RIGHT SLEEPER ACCENT LIGHT (5106) (LOCATED IN SLEEPER ROOF)</p>  <p>CONNECTOR 1661198C1</p> </div> <div style="width: 65%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>V63-GBC</td> <td>18</td> <td>WH</td> <td>1661208C1</td> </tr> <tr> <td>B</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>V63HBC</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> </tbody> </table> </div> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	V63-GBC	18	WH	1661208C1	B	-	-	-	-	C	V63HBC	18	DKBL	1661208C1												
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<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>SLEEPER DOME LIGHT (5107) (LOCATED IN SLEEPER ROOF)</p>  <p>CONNECTOR 1667305C1 BODY LOCK 1661263C1</p> </div> <div style="width: 65%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>V63D</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>V63-GA</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> <tr> <td>C</td> <td>V63EB</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> <tr> <td>D</td> <td>V9NCB</td> <td>18</td> <td>GY</td> <td>1661261C1</td> </tr> </tbody> </table> </div> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	V63D	18	DKBL	1661261C1	B	V63-GA	18	WH	1661261C1	C	V63EB	18	DKBL	1661261C1	D	V9NCB	18	GY	1661261C1							
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<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>WARDROBE CABINATE (5109) (LOCATED ON LEFT SIDE BY WARDROBE CABINET)</p>  <p>CONNECTOR 1661259C1 BODY LOCK 1661263C1</p> </div> <div style="width: 65%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H63K</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>H63-GK</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table> </div> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	H63K	18	DKBL	1661261C1	B	H63-GK	18	WH	1661261C1																	
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<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>LEFT LUGGAGE LIGHT (5110) (LOCATED UNDER BUNK - LEFT SIDE)</p>  <p>CONNECTOR 1669973C1</p> </div> <div style="width: 65%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H63SJA</td> <td>18</td> <td>DKBL</td> <td>1661212C1</td> </tr> <tr> <td>B</td> <td>H63-GSB</td> <td>18</td> <td>WH</td> <td>1661212C1</td> </tr> </tbody> </table> </div> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	H63SJA	18	DKBL	1661212C1	B	H63-GSB	18	WH	1661212C1																	
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<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>RIGHT LUGGAGE LIGHT (5111) (LOCATED UNDER BUNK - RIGHT SIDE)</p>  <p>CONNECTOR 1669973C1</p> </div> <div style="width: 65%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H63SJB</td> <td>18</td> <td>DKBL</td> <td>1661212C1</td> </tr> <tr> <td>B</td> <td>H63-GSC</td> <td>18</td> <td>WH</td> <td>1661212C1</td> </tr> </tbody> </table> </div> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	H63SJB	18	DKBL	1661212C1	B	H63-GSC	18	WH	1661212C1																	
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**Figure 268 Connector Composites (5106), (5107), (5109), (5110), (5111)**

# 14.80. CONNECTOR COMPOSITES (5117), (5118), (5119), P. 73






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<div style="text-align: center; margin-bottom: 20px;"> <b>AIR SHIELD LIGHT (5117)</b>          (LOCATED IN UPPER LEFT SIDE OF SLEEPER)       </div> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>CONNECTOR 1661891C1 BODY LOCK 1661892C1</p> <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H58C</td> <td>16</td> <td>BK</td> <td>1661262C1</td> </tr> <tr> <td>B</td> <td>H58-G</td> <td>16</td> <td>WH</td> <td>1661262C1</td> </tr> <tr> <td>C</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> </div> <div style="text-align: center;">  <p>CONNECTOR 1661889C1 BODY LOCK 1661890C1</p> <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>BLACK</td> <td>16</td> <td>BK</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>WHITE</td> <td>16</td> <td>WH</td> <td>1661261C1</td> </tr> <tr> <td>C</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> </div> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	H58C	16	BK	1661262C1	B	H58-G	16	WH	1661262C1	C	-	-	-	-	CAV	CIR	GAUGE	COLOR	TERMINAL	A	BLACK	16	BK	1661261C1	B	WHITE	16	WH	1661261C1	C	-	-	-	-
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<div style="text-align: center; margin-bottom: 20px;"> <b>OPTIONAL WORK LIGHT CONNECTOR (5118)</b>          (LOCATED ON LEFT SIDE WALL OF SLEEPER)       </div> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>CONNECTOR 1661259C1 BODY LOCK 1661263C1</p> <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>BLACK</td> <td>16</td> <td>BK</td> <td>1661262C1</td> </tr> <tr> <td>B</td> <td>WHITE</td> <td>16</td> <td>WH</td> <td>1661262C1</td> </tr> </tbody> </table> </div> <div style="text-align: center;">  <p>CONNECTOR 1661260C1 BODY LOCK 1661264C1</p> <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H65BB</td> <td>16</td> <td>OR</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>H65-GD</td> <td>16</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table> </div> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	BLACK	16	BK	1661262C1	B	WHITE	16	WH	1661262C1	CAV	CIR	GAUGE	COLOR	TERMINAL	A	H65BB	16	OR	1661261C1	B	H65-GD	16	WH	1661261C1										
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B	H65-GD	16	WH	1661261C1																																											
<div style="text-align: center; margin-bottom: 20px;"> <b>RIGHT OPTIONAL WORK LIGHT (5119)</b>          (LOCATED ON RIGHT SIDE WALL OF SLEEPER)       </div> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>CONNECTOR 1661259C1 BODY LOCK 1661263C1</p> </div> <div style="text-align: center;"> <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H65BA</td> <td>16</td> <td>OR</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>H65-GC</td> <td>16</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table> </div> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	H65BA	16	OR	1661261C1	B	H65-GC	16	WH	1661261C1																									
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> <tr> <td>RAW6</td> <td>19NOV07</td> <td>REVISED CIRC GAUGE</td> <td>A</td> <td>50297W</td> <td>U00K640</td> <td>CIRCUIT DIAGRAM, PROSTAR</td> </tr> <tr> <td colspan="5"></td> <td>RELEASE NO.</td> <td>PART NO.</td> </tr> <tr> <td colspan="5"></td> <td>59637L</td> <td>07SEP06</td> </tr> </table>								CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	RAW6	19NOV07	REVISED CIRC GAUGE	A	50297W	U00K640	CIRCUIT DIAGRAM, PROSTAR						RELEASE NO.	PART NO.						59637L	07SEP06												
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					59637L	07SEP06																																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="4"></td> <td colspan="2">FOR CONN 5117, 5118 AND 5119</td> <td colspan="2"></td> </tr> <tr> <td colspan="4"></td> <td colspan="2">59637L</td> <td colspan="2">AE08055906</td> </tr> <tr> <td colspan="4"></td> <td colspan="2"></td> <td colspan="2">073</td> </tr> </table>												FOR CONN 5117, 5118 AND 5119								59637L		AE08055906								073																	
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Figure 269 Connector Composites (5117), (5118), (5119)

## 14.81. CONNECTOR COMPOSITES (5124), (5125), P. 74

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.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN			

DOME / FLOOR LIGHT  
(5124)  
(LOCATED IN SLEEPER CONTROL PANEL)

CONNECTOR 3520850C1

CAV	CIR	GAUGE	COLOR	TERMINAL
1	H63C	18	DKBL	1661224C1
2B	H63ZVR	18	GY	1661224C1
3	H63D	18	DKBL	1661224C1
4	-	-	-	-
5B	-	-	-	-
6	-	-	-	-
7%	H62	18	DKBL	3541250C1
	H62A	18	DKBL	
8	H62D	18	DKBL	1661224C1
8#	H62AJ	18	DKBL	3541250C1
9%	H11-GA	18	WH	3541250C1
	H62-GA	18	DKBL	
10	-	-	-	-

% CRIMPED TOGETHER  
# PANEL LIGHTS W/ NO IDLE

SLEEPER CONTROL PANEL  
SWITCH CONNECTOR  
(5125)  
(LOCATED IN SLEEPER CONTROL PANEL)

CONNECTOR 2005835C1

CONNECTOR 2005836C1

BODY LOCK 2006503C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	H63SA	16	DKBL	1661209C1
B	H63EA	18	DKBL	1661208C1
C	H62-GSD	18	WH	1661208C1
D	H62AS	18	DKBL	1661208C1
E	H109SA	18	GY	1661208C1
F	H63F	18	DKBL	1661208C1
G	H63HB	16	DKBL	1661209C1
H	H63-GSF	18	WH	1661208C1

BODY LOCK 2006504C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	H63	18	DKBL	1661212C1
B	H63D	18	DKBL	1661212C1
C	H11-GA	18	WH	1661212C1
D	H62AS	16	DKBL	1661212C1
E	H63ZVR	18	GY	1661212C1
F	H63C	18	DKBL	1661212C1
G	H63B	18	DKBL	1661212C1
H	H63-GA	18	DKBL	1661212C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	08MAY08	REVISED CONN 5125	B	61296K	U00K640	CIRCUIT DIAGRAM, PROSTAR
					RELEASE NO. 59637L	DATE 07SEP06
						PART NO. AE08055906
						SHEET 074

**Figure 270 Connector Composites (5124), (5125)**

## 14.82. CONNECTOR COMPOSITES (5126), (5128), (5129), (5130), P. 75

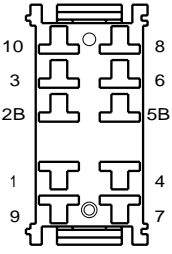


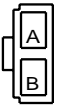




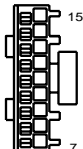

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																							
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<p>ACCENT LIGHT ON / OFF (5126) (LOCATED IN SLEEPER CONTROL PANEL)</p>  <p>CONNECTOR 3520850C1</p> <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>2B</td><td>H63</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr><tr><td>3%</td><td>H62C</td><td>18</td><td>DKBL</td><td>3541250C1</td></tr><tr><td></td><td>H63A</td><td>18</td><td>DKBL</td><td>3541250C1</td></tr><tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>5B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>7</td><td>H62C</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr><tr><td>8%</td><td>H62A</td><td>18</td><td>DKBL</td><td>3541250C1</td></tr><tr><td></td><td>H62B</td><td>18</td><td>DKBL</td><td>3541250C1</td></tr><tr><td>9%</td><td>H62-GA</td><td>18</td><td>DKBL</td><td>3541250C1</td></tr><tr><td></td><td>H62-GB</td><td>18</td><td>DKBL</td><td>3541250C1</td></tr><tr><td>10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table> <p>% CRIMPED TOGETHER</p>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2B	H63	18	DKBL	1661224C1	3%	H62C	18	DKBL	3541250C1		H63A	18	DKBL	3541250C1	4	-	-	-	-	5B	-	-	-	-	6	-	-	-	-	7	H62C	18	DKBL	1661224C1	8%	H62A	18	DKBL	3541250C1		H62B	18	DKBL	3541250C1	9%	H62-GA	18	DKBL	3541250C1		H62-GB	18	DKBL	3541250C1	10	-	-	-	-
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																							
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	H63A	18	DKBL	3541250C1																																																																							
4	-	-	-	-																																																																							
5B	-	-	-	-																																																																							
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	H62-GB	18	DKBL	3541250C1																																																																							
10	-	-	-	-																																																																							
<p>LEFT FLOOR LIGHT (5128) (LOCATED ON BULKHEAD CENTER SECTION, LEFT SIDE)</p>  <p>CONNECTOR 1661259C1 BODY LOCK 1661263C1</p> <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>H63/JBA</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr><tr><td>B</td><td>H63-GJA</td><td>18</td><td>WH</td><td>1661261C1</td></tr></tbody></table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	H63/JBA	18	DKBL	1661261C1	B	H63-GJA	18	WH	1661261C1																																																							
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B	H63-GJA	18	WH	1661261C1																																																																							
<p>RIGHT FLOOR LIGHT (5129) (LOCATED ON BULKHEAD - CENTER SECTION, RIGHT SIDE)</p>  <p>CONNECTOR 1661259C1 BODY LOCK 1661263C1</p> <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>H63/JBB</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr><tr><td>B</td><td>H63-GJB</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr></tbody></table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	H63/JBB	18	DKBL	1661261C1	B	H63-GJB	18	DKBL	1661261C1																																																							
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<p>LOWER BUNK READING LIGHT (5130) (LOCATED ON LEFT SIDE, WALL OF SLEEPER)</p>  <p>CONNECTOR 1669972C1</p> <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>H63/SB</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr><tr><td>B</td><td>H63-GSD</td><td>18</td><td>WH</td><td>1661208C1</td></tr></tbody></table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	H63/SB	18	DKBL	1661208C1	B	H63-GSD	18	WH	1661208C1																																																							
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					59637L	07SEP06	AF08-55906	75																																																																			

Figure 271 Connector Composites (5126), (5128), (5129), (5130)

## 14.83. CONNECTOR COMPOSITES (5131), (5134), (5135M), (5136), (5200), (5201), P. 76

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>				<b>ELECTRICAL CIRCUIT DIAGRAM</b> <b>CHAPTER 14</b> CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																		
<p align="center"><b>UPPER BUNK READING LIGHT (5131)</b> (LOCATED IN LEFT SIDE WALL OF SLEEPER)</p>  <p align="center">CONNECTOR 1669972C1</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H63U</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> <tr> <td>B</td> <td>H63-GU</td> <td>18</td> <td>WH</td> <td>1661208C1</td> </tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	A	H63U	18	DKBL	1661208C1	B	H63-GU	18	WH	1661208C1	<p align="center"><b>SKY RISE CABINET LIGHT (5134)</b></p>  <p align="center">CONNECTOR 1661198C1</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H63-GK</td> <td>18</td> <td>WH</td> <td>1661208C1</td> </tr> <tr> <td>B</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>H63K</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	A	H63-GK	18	WH	1661208C1	B	-	-	-	-	C	H63K	18	DKBL	1661208C1																																		
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																		
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<p align="center"><b>SKY RISE LOWER BUNK LIGHT (5135M)</b></p>  <p align="center">CONNECTOR 1661196C1</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H63SB</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> <tr> <td>B</td> <td>H63-GSD</td> <td>18</td> <td>WH</td> <td>1661208C1</td> </tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	A	H63SB	18	DKBL	1661208C1	B	H63-GSD	18	WH	1661208C1	<p align="center"><b>SKY RISE UPPER BUNK READING LIGHT (5136)</b></p>  <p align="center">CONNECTOR 1669972C1</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H63U</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> <tr> <td>B</td> <td>H63-GU</td> <td>18</td> <td>WH</td> <td>1661208C1</td> </tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	A	H63U	18	DKBL	1661208C1	B	H63-GU	18	WH	1661208C1																																							
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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p align="center"><b>DIGITAL HVAC CONTROLS (5200)</b> (LOCATED IN SLEEPER CONTROL PANEL)</p>  <p align="center">CONNECTOR 2029979C1 BODY LOCK 2038190C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>7</td><td>H75F</td><td>18</td><td>LTGN</td><td>2029980C1</td></tr> <tr><td>8@</td><td>H75-GA</td><td>18</td><td>WH</td><td>2029980C1</td></tr> <tr><td>8@</td><td>H75-GA</td><td>18</td><td>LTGN</td><td>2029980C1</td></tr> <tr><td>9#</td><td>H75R</td><td>18</td><td>LTGN</td><td>2029980C1</td></tr> <tr><td>9*</td><td>H75AB</td><td>18</td><td>LTGN</td><td>2029980C1</td></tr> <tr><td>10#</td><td>H75H</td><td>18</td><td>LTGN</td><td>2029980C1</td></tr> <tr><td>10*</td><td>H75AA</td><td>18</td><td>LTGN</td><td>2029980C1</td></tr> <tr><td>11</td><td>H75J</td><td>18</td><td>LTGN</td><td>2029980C1</td></tr> <tr><td>12</td><td>H75K</td><td>18</td><td>LTGN</td><td>2029980C1</td></tr> <tr><td>13</td><td>H75L</td><td>18</td><td>LTGN</td><td>2029980C1</td></tr> <tr><td>14</td><td>H75M</td><td>18</td><td>LTGN</td><td>2029980C1</td></tr> <tr><td>15</td><td>H75N</td><td>18</td><td>LTGN</td><td>2029980C1</td></tr> </tbody> </table> <p align="left">* W/ ELECTRONIC HEATER CONTROL # W/ COOLANT HEATER @ MUTUALLY EXCLUSIVE</p> </div> </div>						CAV	CIR	GAUGE	COLOR	TERMINAL	7	H75F	18	LTGN	2029980C1	8@	H75-GA	18	WH	2029980C1	8@	H75-GA	18	LTGN	2029980C1	9#	H75R	18	LTGN	2029980C1	9*	H75AB	18	LTGN	2029980C1	10#	H75H	18	LTGN	2029980C1	10*	H75AA	18	LTGN	2029980C1	11	H75J	18	LTGN	2029980C1	12	H75K	18	LTGN	2029980C1	13	H75L	18	LTGN	2029980C1	14	H75M	18	LTGN	2029980C1	15	H75N	18	LTGN	2029980C1
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10*	H75AA	18	LTGN	2029980C1																																																																		
11	H75J	18	LTGN	2029980C1																																																																		
12	H75K	18	LTGN	2029980C1																																																																		
13	H75L	18	LTGN	2029980C1																																																																		
14	H75M	18	LTGN	2029980C1																																																																		
15	H75N	18	LTGN	2029980C1																																																																		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p align="center"><b>BLOWER SPEED CONTROL (5201)</b> (LOCATED IN SLEEPER CONTROL PANEL)</p>  <p align="center">CONNECTOR 3536187C1 BODY LOCK 1661890C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H77TVB</td> <td>18</td> <td>LTGN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>H77TB</td> <td>18</td> <td>LTGN</td> <td>1661261C1</td> </tr> <tr> <td>C</td> <td>H77TZB</td> <td>18</td> <td>LTGN</td> <td>1661261C1</td> </tr> </tbody> </table> </div> </div>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	H77TVB	18	LTGN	1661261C1	B	H77TB	18	LTGN	1661261C1	C	H77TZB	18	LTGN	1661261C1																																													
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																		
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C	H77TZB	18	LTGN	1661261C1																																																																		
<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 colspan="2">NAME</th> </tr> <tr> <td>CNA1</td> <td>08MAY08</td> <td>ADDED CIRC H75-GA LTGN</td> <td>C</td> <td>61296K</td> <td>U00K640</td> <td colspan="2">CIRCUIT DIAGRAM, PROSTAR</td> </tr> <tr> <td></td> <td></td> <td>FOR CONN 5200</td> <td></td> <td></td> <td>59637L</td> <td>DATE</td> <td>PART NO.</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>07SEP06</td> <td>AE08055906</td> </tr> </table>						CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		CNA1	08MAY08	ADDED CIRC H75-GA LTGN	C	61296K	U00K640	CIRCUIT DIAGRAM, PROSTAR				FOR CONN 5200			59637L	DATE	PART NO.							07SEP06	AE08055906																																	
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																
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		FOR CONN 5200			59637L	DATE	PART NO.																																																															
						07SEP06	AE08055906																																																															

**Figure 272 Connector Composites (5131), (5134), (5135M), (5136), (5200), (5201)**



## 14.84. CONNECTOR COMPOSITES (5202), (5210), (5212), (5213), (5214), P. 77

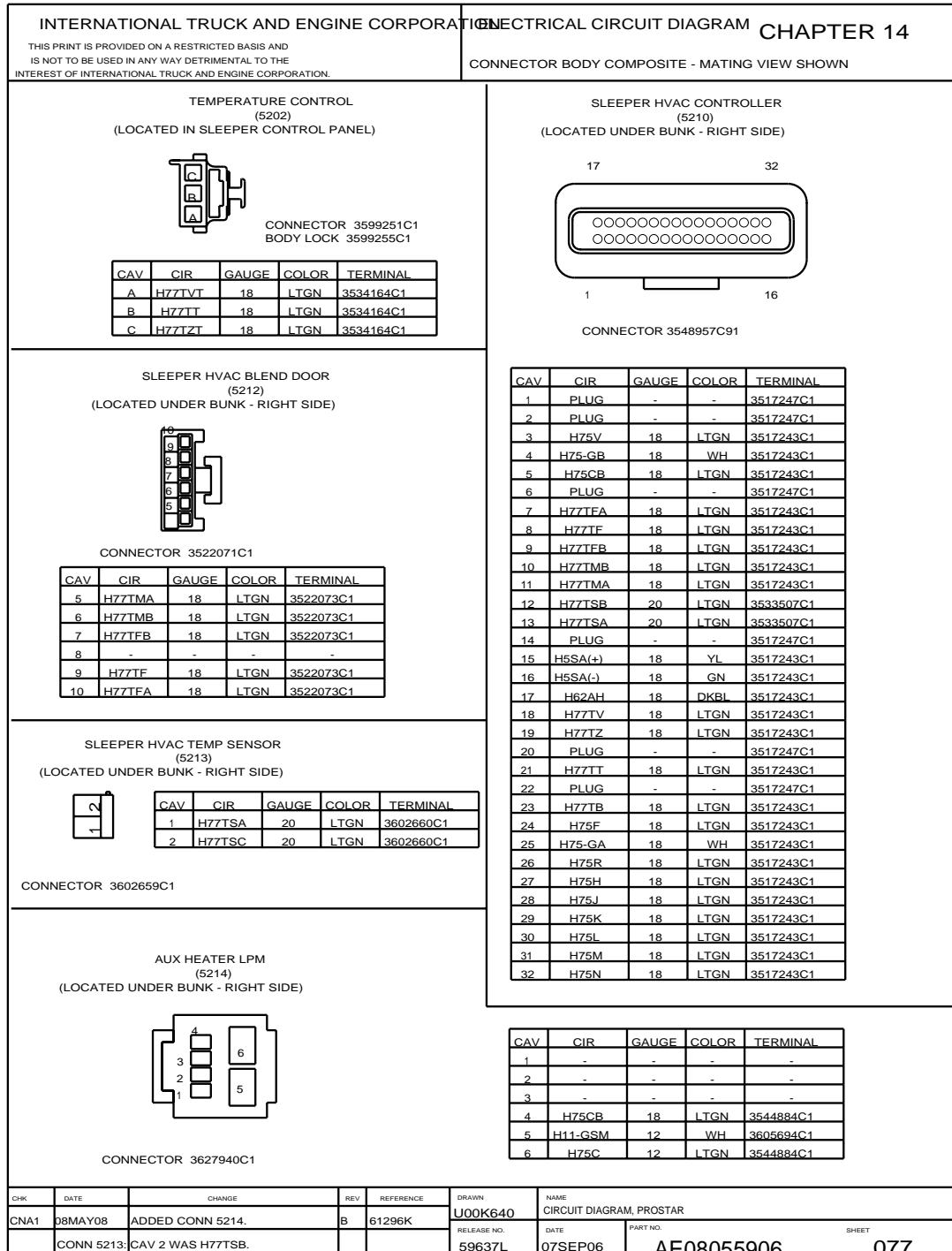


Figure 273 Connector Composites (5202), (5210), (5212), (5213), (5214)

## 14.85. CONNECTOR COMPOSITES (5215), (5216), (5217), (5218), (5219), P. 78

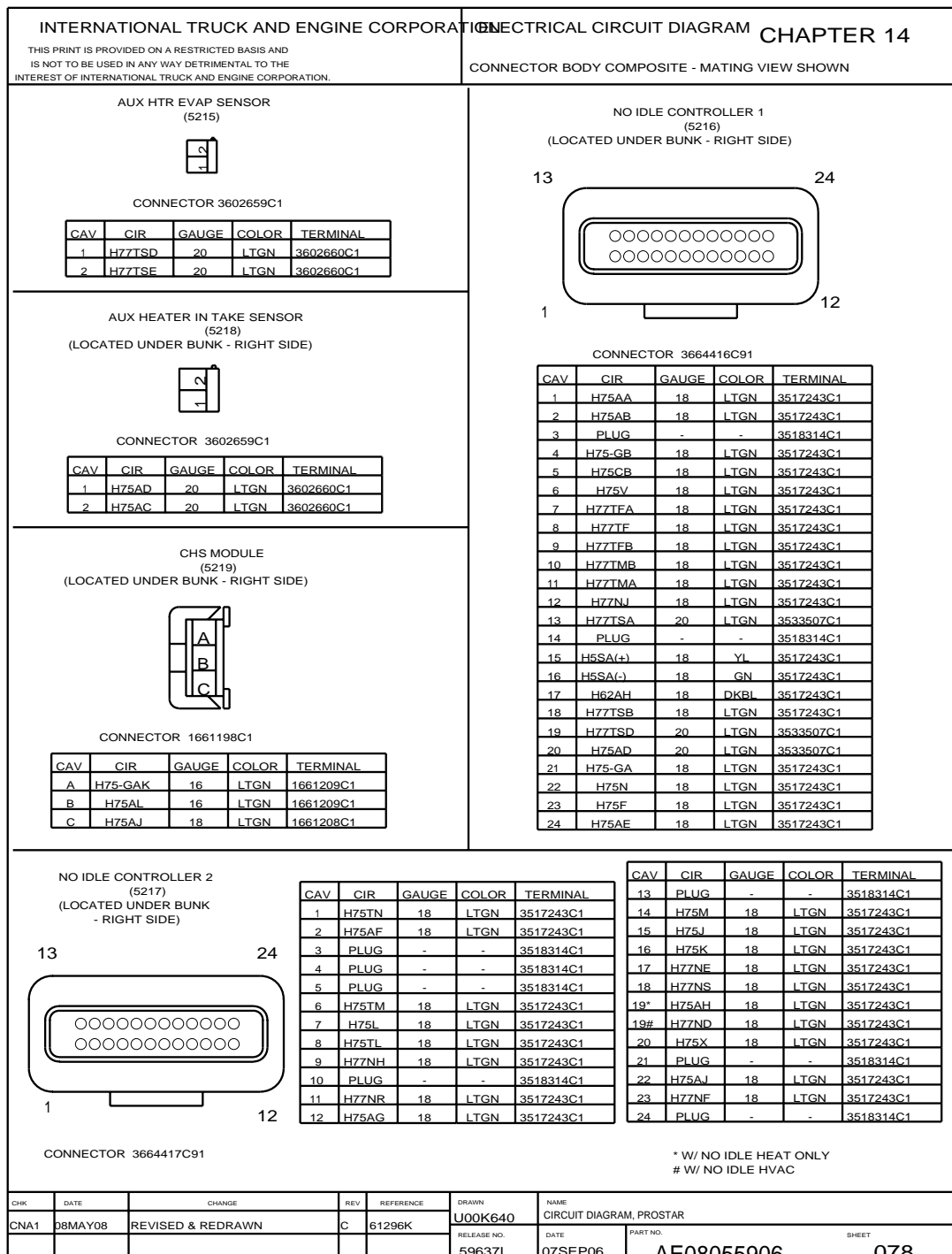


Figure 274 Connector Composites (5215), (5216), (5217), (5218), (5219)

## 14.86. CONNECTOR COMPOSITES (5220), (5222), (5230), P. 78A



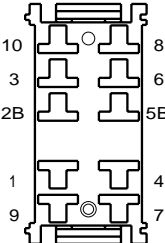

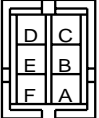
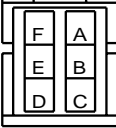
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																												
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<b>NO IDLE ENGINE HEAT (5220)</b> (LOCATED IN SLEEPER CONTROL PANEL)																																																																																
																																																																																
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B	H75AF	18	LTGN	1661262C1																																																																												
C	H75AR	18	LTGN	1661262C1																																																																												
D	H75-GAS	18	LTGN	1661262C1																																																																												
<b>NO IDLE ENGINE HEAT (5222)</b>																																																																																
			<table border="1" style="font-size: small;"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>2B</td><td>H75AF</td><td>18</td><td>LTGN</td><td>1661224C1</td></tr><tr><td>3*</td><td>H75AT</td><td>18</td><td>LTGN</td><td>1661224C1</td></tr><tr><td>3*</td><td>H75HB</td><td>18</td><td>LTGN</td><td>1661224C1</td></tr><tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>5B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>7*</td><td>H75AT</td><td>18</td><td>LTGN</td><td>3541250C1</td></tr><tr><td>7*</td><td>H75AR</td><td>18</td><td>LTGN</td><td>3541250C1</td></tr><tr><td>8*</td><td>H62AA</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr><tr><td>8*</td><td>H62J</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr><tr><td>9</td><td>H75AG</td><td>18</td><td>LTGN</td><td>1661224C1</td></tr><tr><td>10*</td><td>H75-GAS</td><td>18</td><td>LTGN</td><td>1661224C1</td></tr><tr><td>10*</td><td>H75HA</td><td>18</td><td>LTGN</td><td>3541250C1</td></tr></tbody></table>			CAV	CIR	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2B	H75AF	18	LTGN	1661224C1	3*	H75AT	18	LTGN	1661224C1	3*	H75HB	18	LTGN	1661224C1	4	-	-	-	-	5B	-	-	-	-	6	-	-	-	-	7*	H75AT	18	LTGN	3541250C1	7*	H75AR	18	LTGN	3541250C1	8*	H62AA	18	DKBL	1661224C1	8*	H62J	18	DKBL	1661224C1	9	H75AG	18	LTGN	1661224C1	10*	H75-GAS	18	LTGN	1661224C1	10*	H75HA	18	LTGN	3541250C1
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<b>SKY RISE BUNK FAN (5222)</b>																																																																																
			<table border="1" style="font-size: small;"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>H76</td><td>18</td><td>BK</td><td>0879630R1</td></tr><tr><td>B</td><td>H76-G</td><td>18</td><td>WH</td><td>0879630R1</td></tr></tbody></table>			CAV	CIR	GAUGE	COLOR	TERMINAL	A	H76	18	BK	0879630R1	B	H76-G	18	WH	0879630R1																																																												
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CONNECTOR 0969541R1																																																																																
<b>NO IDLE CONTROLS (5230)</b>																																																																																
																																																																																
CONNECTOR 1661200C1			CONNECTOR 1661201C1																																																																													
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B	H77NF	18	LTGN	1661208C1																																																																												
C	H77NH	18	LTGN	1661208C1																																																																												
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E	H77NA	18	LTGN	1661208C1																																																																												
F	H77NC	18	LTGN	1661208C1																																																																												
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					RELEASE NO. 61296K																																																																											
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				16APR08	CIRCUIT DIAGRAM, PROSTAR																																																																											
				PART NO.	SHEET																																																																											
				AE08055906	78A																																																																											

Figure 275 Connector Composites (5220), (5222), (5230)

14.87. CONNECTOR COMPOSITES (5232), (5233), (5234), P. 79

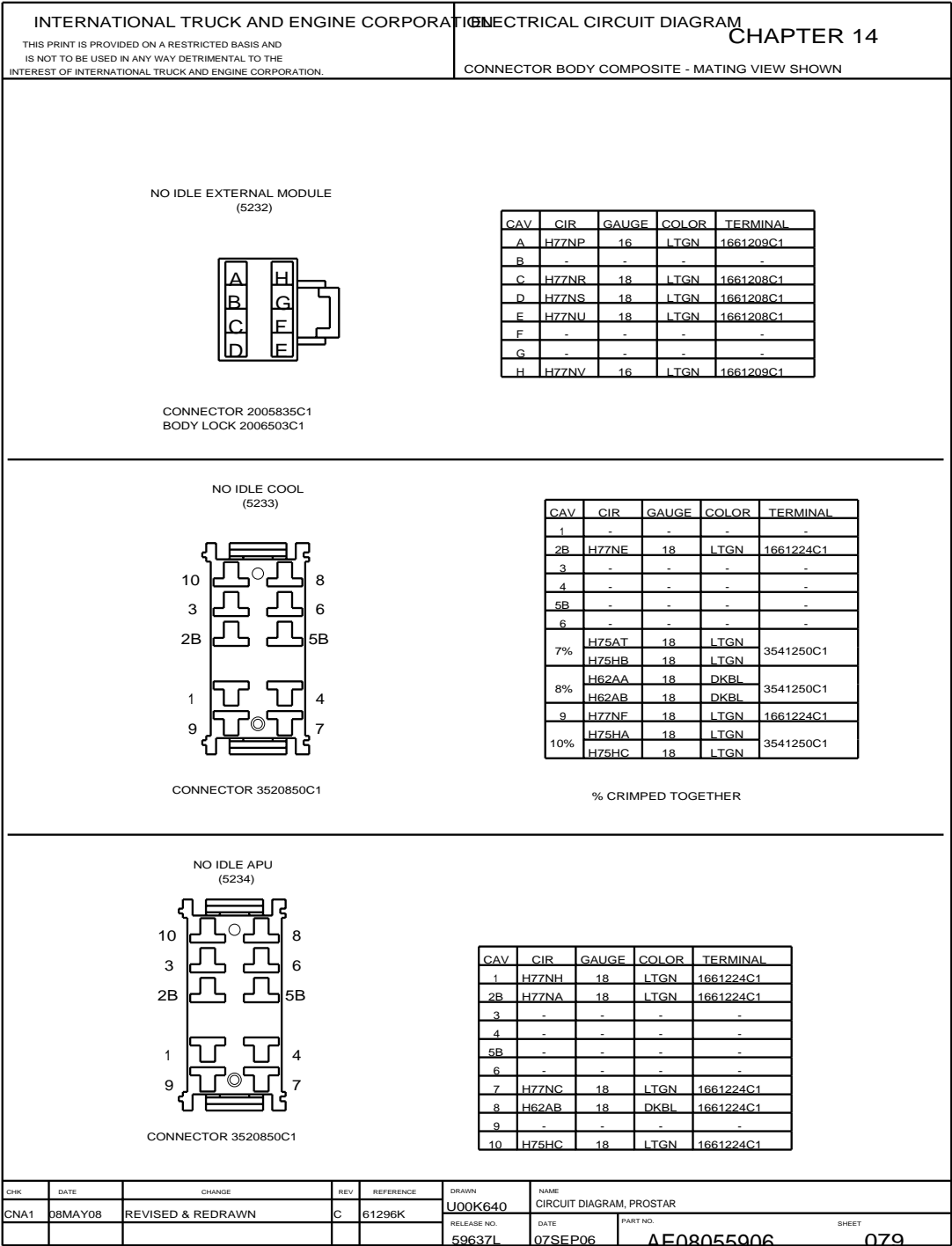


Figure 276 Connector Composites (5232), (5233), (5234)

## 14.88. CONNECTOR COMPOSITES (5300), (5301), (5302), (5303), P. 79A

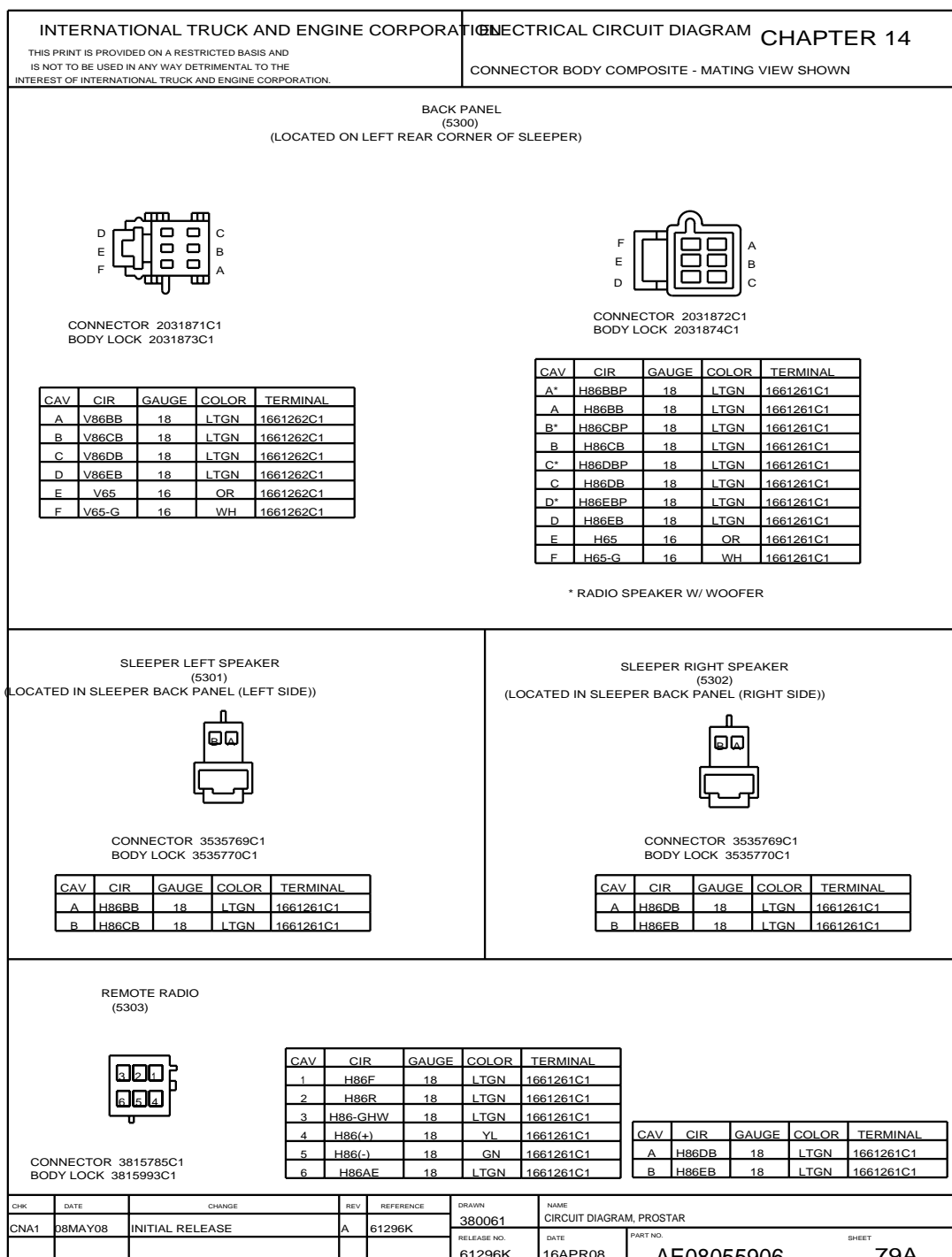
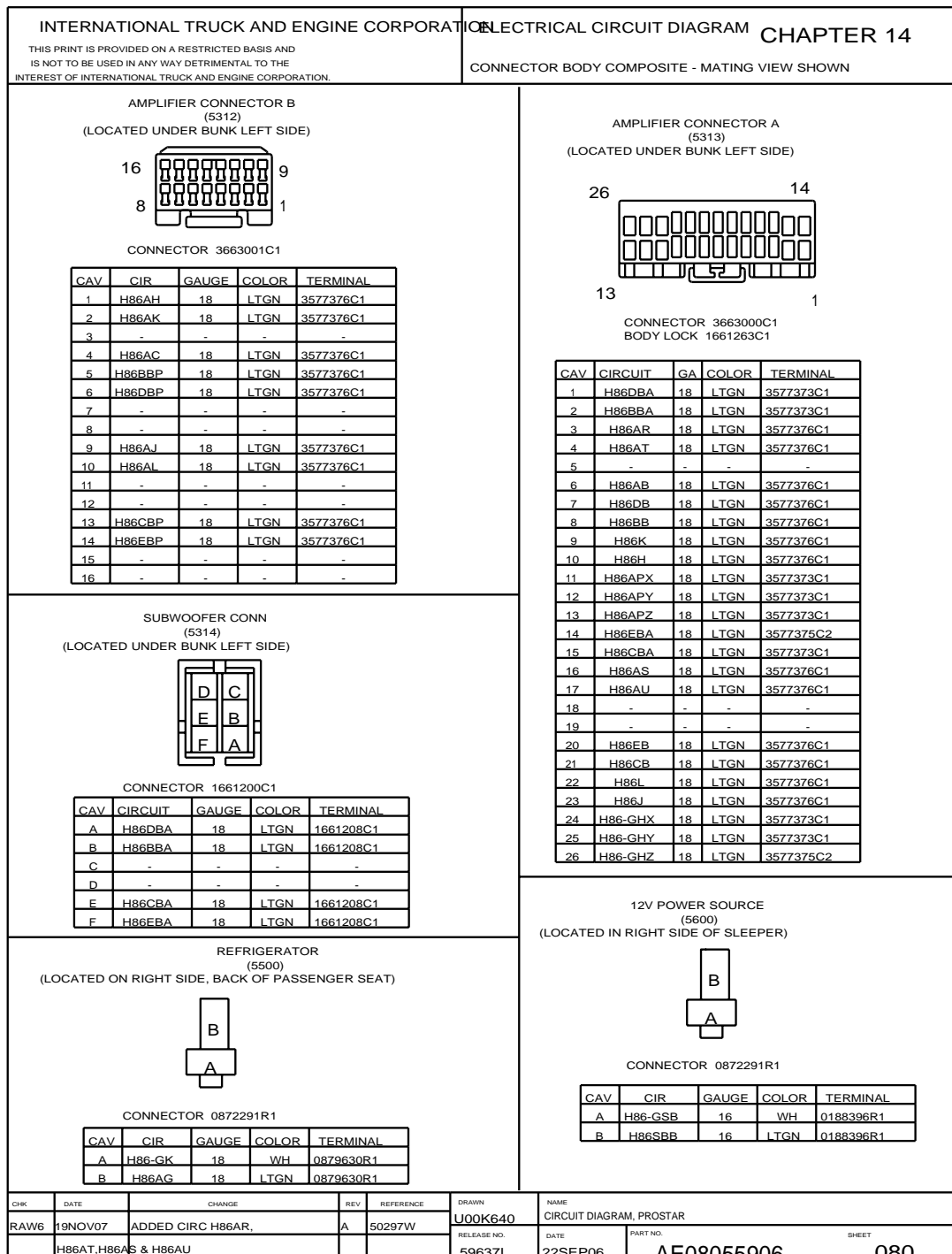


Figure 277 Connector Composites (5300), (5301), (5302), (5303)

## 14.89. CONNECTOR COMPOSITES (5312), (5313), (5314), (5500), (5600), P. 80



**Figure 278 Connector Composites (5312), (5313), (5314), (5500), (5600)**

## 14.90. CONNECTOR COMPOSITES (5700), (5701), (5702), (5752), P. 81

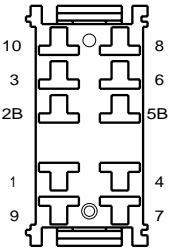
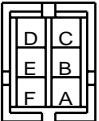
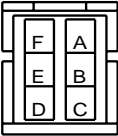
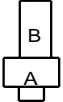
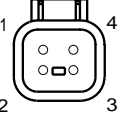


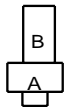
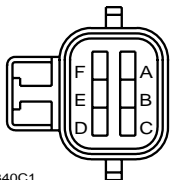
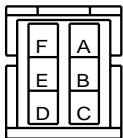

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<p>REMOTE START / STOP SWITCH (5700) (LOCATED IN SLEEPER CONTROL PANEL)</p>  <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>2B</td><td>H104ABB</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr><tr><td>3</td><td>H104-GB</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr><tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>5B</td><td>H104AC</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr><tr><td>6</td><td>H9RC</td><td>18</td><td>GY</td><td>1661224C1</td></tr><tr><td>7</td><td>H104ADA</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr><tr><td>8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table> <p>CONNECTOR 3520850C1</p>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2B	H104ABB	18	DKBL	1661224C1	3	H104-GB	18	DKBL	1661224C1	4	-	-	-	-	5B	H104AC	18	DKBL	1661224C1	6	H9RC	18	GY	1661224C1	7	H104ADA	18	DKBL	1661224C1	8	-	-	-	-	9	-	-	-	-	10	-	-	-	-															
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<p>REMOTE ENG START / STOP (5701) (LOCATED IN SLEEPER CONTROL PANEL)</p>   <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>A9RC</td><td>18</td><td>GY</td><td>1661208C1</td></tr><tr><td>B</td><td>A104AC</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr><tr><td>C</td><td>A104ADA</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr><tr><td>D</td><td>A104ABB</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr><tr><td>E</td><td>A104-GB</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr><tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table> <p>CONNECTOR 1661200C1</p> <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>H9RC</td><td>18</td><td>GY</td><td>1661212C1</td></tr><tr><td>B</td><td>H104AC</td><td>18</td><td>DKBL</td><td>1661212C1</td></tr><tr><td>C</td><td>H104ADA</td><td>18</td><td>DKBL</td><td>1661212C1</td></tr><tr><td>D</td><td>H104ABB</td><td>18</td><td>DKBL</td><td>1661212C1</td></tr><tr><td>E</td><td>H104-GB</td><td>18</td><td>DKBL</td><td>1661212C1</td></tr><tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table> <p>CONNECTOR 1661201C1</p>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	A9RC	18	GY	1661208C1	B	A104AC	18	DKBL	1661208C1	C	A104ADA	18	DKBL	1661208C1	D	A104ABB	18	DKBL	1661208C1	E	A104-GB	18	DKBL	1661208C1	F	-	-	-	-	CAV	CIR	GAUGE	COLOR	TERMINAL	A	H9RC	18	GY	1661212C1	B	H104AC	18	DKBL	1661212C1	C	H104ADA	18	DKBL	1661212C1	D	H104ABB	18	DKBL	1661212C1	E	H104-GB	18	DKBL	1661212C1	F	-	-	-	-
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E	H104-GB	18	DKBL	1661212C1																																																																							
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<p>DIODE CONN (5702)</p>  <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>H104AHA</td><td>18</td><td>DKBL</td><td>0879630R1</td></tr><tr><td>B</td><td>H104ABA</td><td>18</td><td>DKBL</td><td>0879630R1</td></tr></tbody></table> <p>CONNECTOR 0872291R1</p>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	H104AHA	18	DKBL	0879630R1	B	H104ABA	18	DKBL	0879630R1																																																							
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																							
A	H104AHA	18	DKBL	0879630R1																																																																							
B	H104ABA	18	DKBL	0879630R1																																																																							
<p>ICON THERMOSTAT (5752) (LOCATED IN LEFT REAR OF SLEEPER)</p>  <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>H14HHB</td><td>18</td><td>RD</td><td>3555249C1</td></tr><tr><td>2</td><td>H11-GEF</td><td>18</td><td>WH</td><td>3555249C1</td></tr><tr><td>3</td><td>H97T</td><td>18</td><td>VT</td><td>3555249C1</td></tr><tr><td>4</td><td>H13HB</td><td>18</td><td>PK</td><td>3555249C1</td></tr></tbody></table> <p>CONNECTOR 3539141C1 BODY LOCK 3539146C1</p>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	H14HHB	18	RD	3555249C1	2	H11-GEF	18	WH	3555249C1	3	H97T	18	VT	3555249C1	4	H13HB	18	PK	3555249C1																																													
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																							
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	REVISED DESCRIPTION				RELEASE NO. 59637L	DATE 08SEP06																																																																					
						PART NO. AE08055906																																																																					
						SHEET 081																																																																					

Figure 279 Connector Composites (5700), (5701), (5702), (5752)

## 14.91. CONNECTOR COMPOSITES (5753), (5754), (5757), (5900), (5902), (5903), P. 82

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>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</b> CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p align="center"><b>ICON AMBIENT TEMPERATURE (5753)</b> (LOCATED IN LEFT REAR OF SLEEPER)</p>  <p align="center">CONNECTOR 3536823C1 BODY LOCK 3536825C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>H97K</td><td>18</td><td>VT</td><td>3555249C1</td></tr> <tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> <tr><td>3</td><td>H97L</td><td>18</td><td>VT</td><td>3555249C1</td></tr> </tbody> </table> </div> <div style="width: 45%;"> <p align="center"><b>TRI-PAC (5754)</b></p>  <p align="center">CONNECTOR 3536823C1 BODY LOCK 3536825C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A14TRI</td><td>16</td><td>RD</td><td>1661212C1</td></tr> <tr><td>B</td><td>A77SBY</td><td>16</td><td>LTGN</td><td>1661212C1</td></tr> </tbody> </table> </div> </div>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	H97K	18	VT	3555249C1	2	PLUG	-	-	3527276C1	3	H97L	18	VT	3555249C1	CAV	CIR	GAUGE	COLOR	TERMINAL	A	A14TRI	16	RD	1661212C1	B	A77SBY	16	LTGN	1661212C1																												
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																
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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p align="center"><b>TRI-PAC RECTIFIER (5757)</b> (LOCATED IN LEFT REAR OF SLEEPER)</p>  <p align="center">CONNECTOR 0872291R1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A13TRIB</td><td>16</td><td>PK</td><td>0188396R1</td></tr> <tr><td>B</td><td>A13TRIA</td><td>16</td><td>PK</td><td>0188396R1</td></tr> </tbody> </table> </div> <div style="width: 45%;"> <p align="center"><b>QUALCOMM IMCT (5900)</b> (LOCATED UNDER BUNK)</p>  <p align="center">CONNECTOR 2011340C1 BODY LOCK 2011364C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>H3BD(+)</td><td>18</td><td>DKBL</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>H3BD(-)</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>H14ED</td><td>18</td><td>RD</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>D</td><td>H11-GMB</td><td>18</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>E*</td><td>H13EH</td><td>18</td><td>PK</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>E#</td><td>H13EE</td><td>18</td><td>PK</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>F</td><td>H98F</td><td>18</td><td>BK</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> <p align="center">* W/ QUALCOMM IMCT # W/ SATELLITE COMMUNICATIONS</p> </div> </div>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	A13TRIB	16	PK	0188396R1	B	A13TRIA	16	PK	0188396R1	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	H3BD(+)	18	DKBL	1661875C1	1661872C1	B	H3BD(-)	18	GY	1661875C1	1661872C1	C	H14ED	18	RD	1661875C1	1661872C1	D	H11-GMB	18	WH	1661875C1	1661872C1	E*	H13EH	18	PK	1661875C1	1661872C1	E#	H13EE	18	PK	1661875C1	1661872C1	F	H98F	18	BK	1661875C1	1661872C1
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																
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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p align="center"><b>QUAL COMM TMCT (5902)</b> (LOCATED UNDER BUNK - CENTER SECTION)</p>  <p align="center">CONNECTOR 1661201C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>H13FE</td><td>18</td><td>PK</td><td>1661212C1</td></tr> <tr><td>B</td><td>H14ED</td><td>18</td><td>RD</td><td>1661212C1</td></tr> <tr><td>C</td><td>H98F</td><td>18</td><td>BK</td><td>1661212C1</td></tr> <tr><td>D</td><td>H11-GMB</td><td>18</td><td>WH</td><td>1661212C1</td></tr> <tr><td>E</td><td>H3BD(+)</td><td>18</td><td>DKBL</td><td>1661212C1</td></tr> <tr><td>F</td><td>H3BD(-)</td><td>18</td><td>GY</td><td>1661212C1</td></tr> </tbody> </table> </div> <div style="width: 45%;"> <p align="center"><b>QUALCOMM IMCT W/ MVPC KEY BOARD (5903)</b> (LOCATED IN RIGHT SIDE OF SLEEPER IN TRANSITION AREA)</p>  <p align="center">CONNECTOR 1669972C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>H13FE</td><td>18</td><td>BK</td><td>1661208C1</td></tr> <tr><td>B</td><td>H11-GMC</td><td>18</td><td>WH</td><td>1661208C1</td></tr> </tbody> </table> </div> </div>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	H13FE	18	PK	1661212C1	B	H14ED	18	RD	1661212C1	C	H98F	18	BK	1661212C1	D	H11-GMB	18	WH	1661212C1	E	H3BD(+)	18	DKBL	1661212C1	F	H3BD(-)	18	GY	1661212C1	CAV	CIR	GAUGE	COLOR	TERMINAL	A	H13FE	18	BK	1661208C1	B	H11-GMC	18	WH	1661208C1													
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					RELEASE NO. 59637L	DATE 08SEP06																																																														
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						SHEET 082																																																														

**Figure 280 Connector Composites (5753), (5754), (5757), (5900), (5902), (5903)**



## 14.92. CONNECTOR COMPOSITES (5927), (5930M), (5940), P. 83

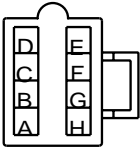
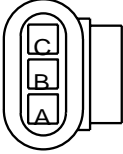

INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center;">TRIP MASTER (5927) (LOCATED UNDER BUNK - CENTER SECTION)</p>  <p>INVERTER 2005836C1 BODY LOCK 2006504C1</p> </div> <div style="width: 65%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>H98A</td><td>18</td><td>BK</td><td>1661212C1</td></tr> <tr><td>B</td><td>H98B</td><td>18</td><td>BK</td><td>1661212C1</td></tr> <tr><td>C</td><td>H13SD</td><td>18</td><td>PK</td><td>1661212C1</td></tr> <tr><td>D</td><td>H11-GSD</td><td>18</td><td>WH</td><td>1661212C1</td></tr> <tr><td>E</td><td>H14SD</td><td>18</td><td>RD</td><td>1661212C1</td></tr> <tr><td>F</td><td>H50S</td><td>18</td><td>YL</td><td>1661212C1</td></tr> <tr><td>G</td><td>H70E</td><td>18</td><td>OR</td><td>1661212C1</td></tr> <tr><td>H</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> </div> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	H98A	18	BK	1661212C1	B	H98B	18	BK	1661212C1	C	H13SD	18	PK	1661212C1	D	H11-GSD	18	WH	1661212C1	E	H14SD	18	RD	1661212C1	F	H50S	18	YL	1661212C1	G	H70E	18	OR	1661212C1	H	-	-	-	-
CAV	CIR	GAUGE	COLOR	TERMINAL																																																
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H	-	-	-	-																																																
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center;">J1939 (5930M) (LOCATED UNDER BUNK - RIGHT SIDE)</p>  <p>CONNECTOR 1667741C1</p> </div> <div style="width: 65%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>H5T(+)</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>H5T(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr> </tbody> </table> </div> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	H5T(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	C	H5T(-)	18	GN	1661875C1	3568570C1																					
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C	H5T(-)	18	GN	1661875C1	3568570C1																																															
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center;">XATA MODULE (5940) (LOCATED UNDER BUNK - CENTER SECTION)</p>  <p>CONNECTOR 1667305C1 BODY LOCK 1661263C1</p> </div> <div style="width: 65%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>JE14EA</td><td>18</td><td>RD</td><td>1661261C1</td></tr> <tr><td>B</td><td>JE11-GMD</td><td>18</td><td>WH</td><td>1661261C1</td></tr> <tr><td>C</td><td>JE3BE(+)</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr> <tr><td>D</td><td>JE3BE(-)</td><td>18</td><td>GY</td><td>1661261C1</td></tr> </tbody> </table> </div> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	JE14EA	18	RD	1661261C1	B	JE11-GMD	18	WH	1661261C1	C	JE3BE(+)	18	DKBL	1661261C1	D	JE3BE(-)	18	GY	1661261C1																				
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						SHEET 83																																														

Figure 281 Connector Composites (5927), (5930M), (5940)

14.93. CONNECTOR COMPOSITES (5904), (5905), P. 83A

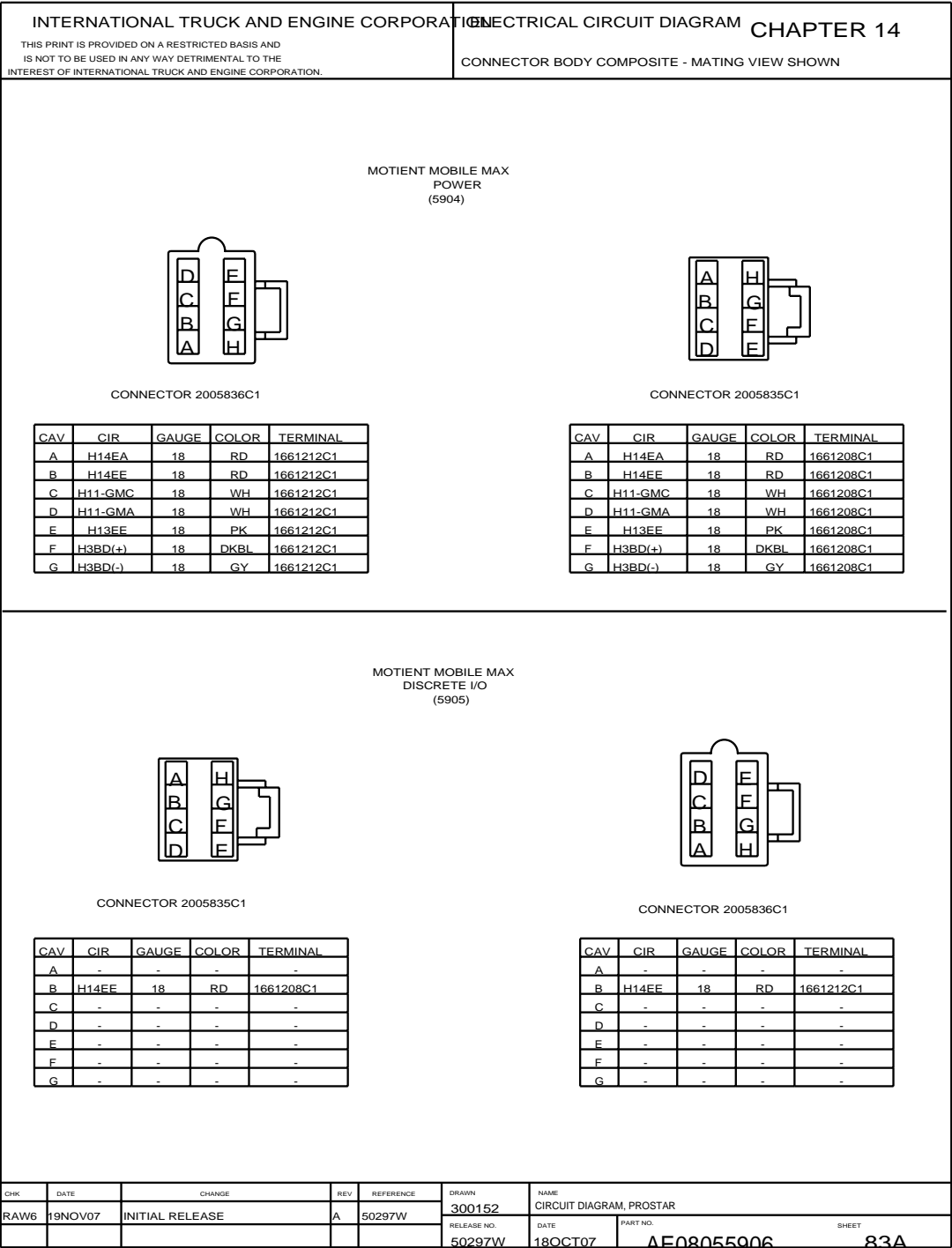


Figure 282 Connector Composites (5904), (5905)

## 14.94. CONNECTOR COMPOSITE (6000), P. 84

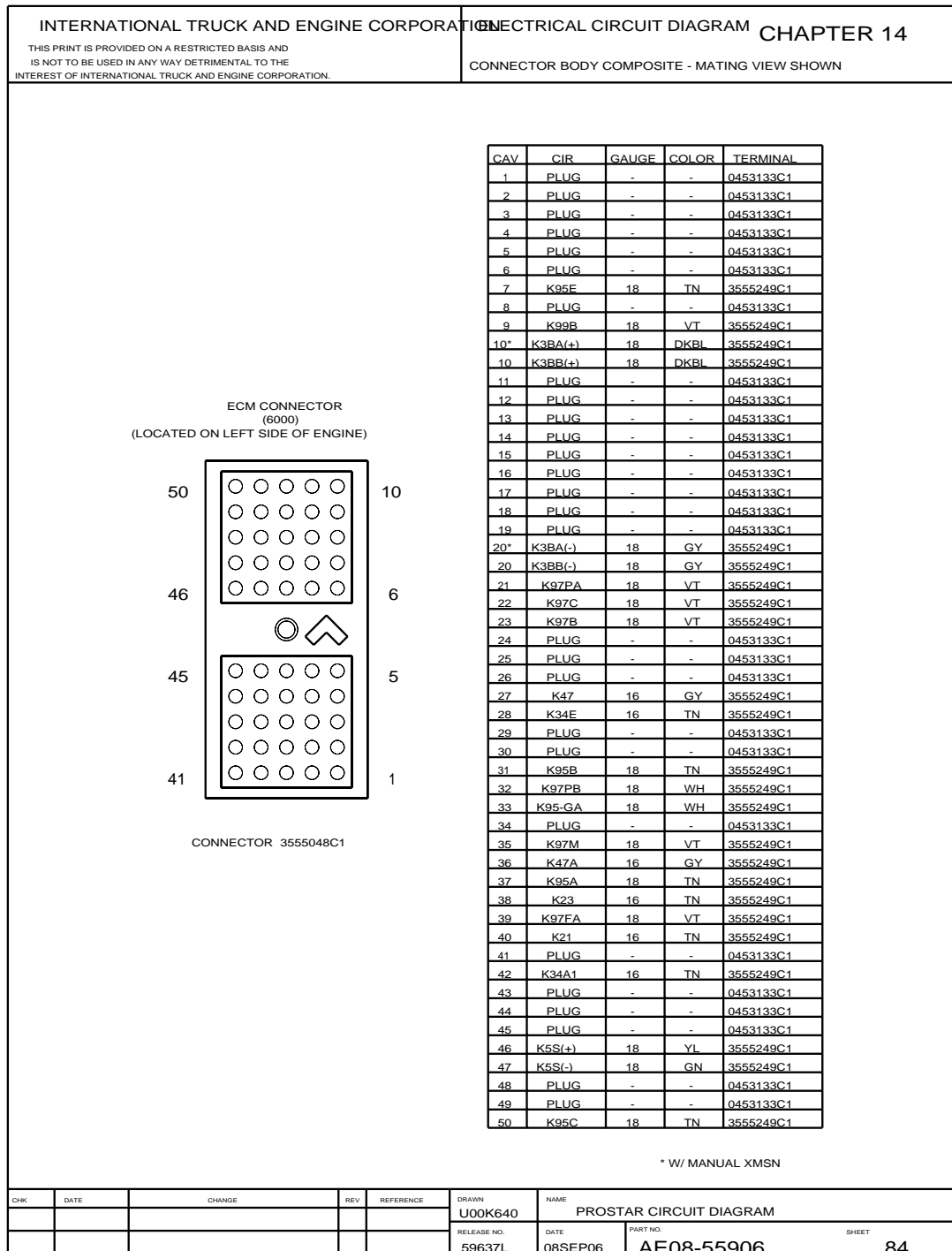


Figure 283 Connector Composite (6000)

14.95. CONNECTOR COMPOSITES (6001), (6018), (6019), P. 85

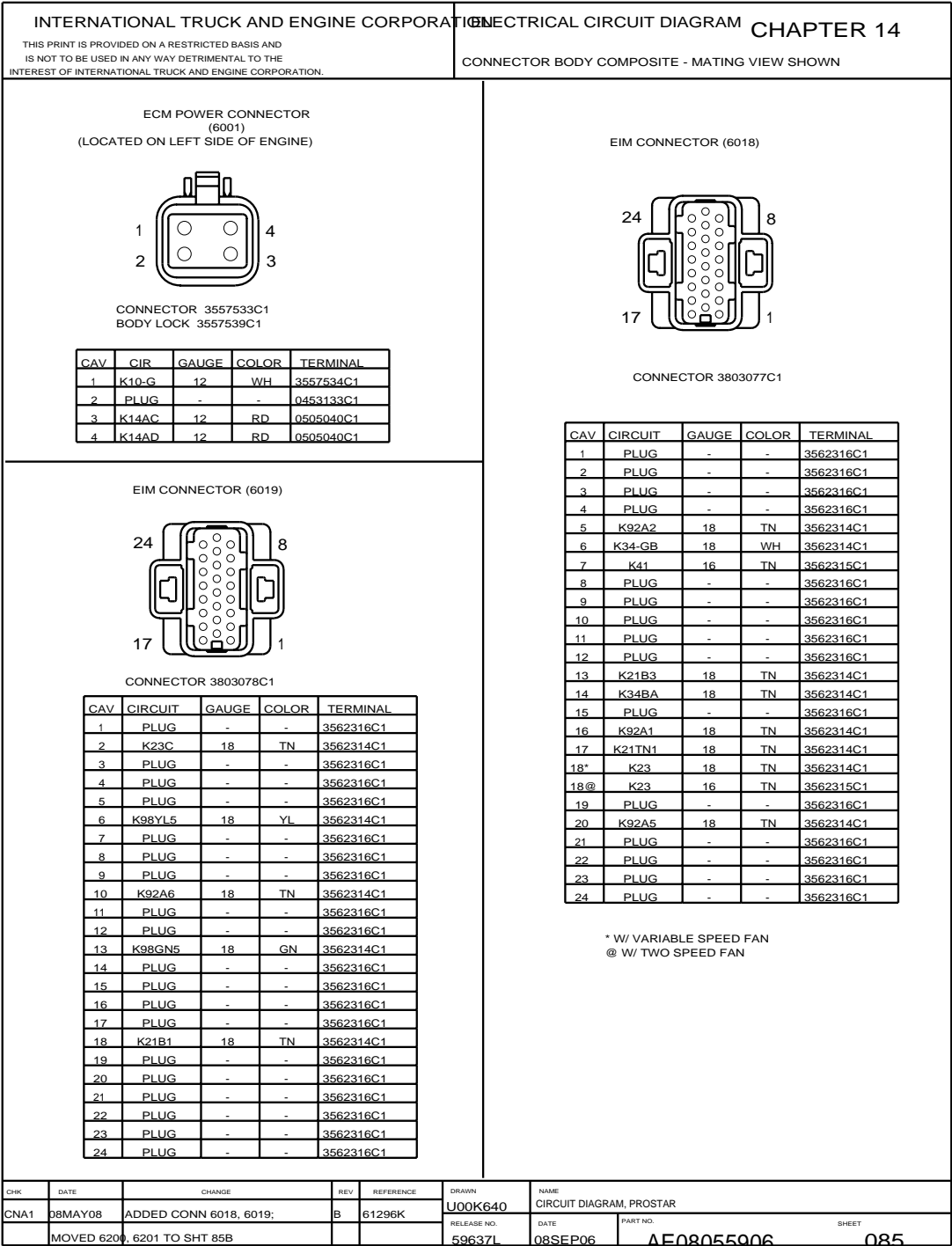


Figure 284 Connector Composites (6001), (6018), (6019)

## 14.96. CONNECTOR COMPOSITES (6020), (6021), (6033), P. 85A

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CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN

CHAPTER 14

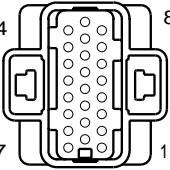
EIM CONNECTOR (6020)

24

8

17

1



CONNECTOR 3562311C1

\* MUTUALLY EXCLUSIVE

CAV

CIRCUIT

GAUGE

COLOR

TERMINAL

1

PLUG

-

-

3562316C1

2

K34C

18

TN

3562314C1

3

K97F

18

VT

3562314C1

4

K34D

18

TN

3562314C1

5

K97A1

18

VT

3562314C1

6

K92A16

16

WH

3562315C1

7

K92B16

16

WH

3562315C1

8

K97A2

18

VT

3562314C1

9

PLUG

-

-

3562316C1

10

PLUG

-

-

3562316C1

11

K92A8

18

TN

3562314C1

12

K5S(+)

18

YL

3562314C1

CAV

CIRCUIT

GAUGE

COLOR

TERMINAL

13

K5S(-)

18

GN

3562314C1

14

K92A9

18

TN

3562314C1

15

PLUG

-

-

3562316C1

16

PLUG

-

-

3562316C1

17\*

K92A10

18

TN

3562314C1

17\*

K47T

18

GY

3562314C1

18

PLUG

-

-

3562316C1

19

K92A11

18

TN

3562314C1

20

K92A12

18

TN

3562314C1

21

K92A13

18

TN

3562314C1

22

PLUG

-

-

3562316C1

23

PLUG

-

-

3562316C1

24

PLUG

-

-

3562316C1

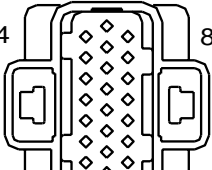
EIM CONNECTOR 4 (6021)

24

8

17

1



CONNECTOR 3562312C1

CAV

CIRCUIT

GAUGE

COLOR

TERMINAL

1

K14G

16

RD

3562315C1

2

K14H

16

RD

3562315C1

3

PLUG

-

-

3562316C1

4

K97C

18

VT

3562314C1

5

PLUG

-

-

3562316C1

6

K92A7

18

TN

3562314C1

7

PLUG

-

-

3562316C1

8

PLUG

-

-

3562316C1

9#

K47A

16

GY

3562315C1

9\*

K47A

18

GY

3562314C1

10#

K47

16

GY

3562315C1

10\*

K47

18

GY

3562314C1

11

PLUG

-

-

3562316C1

12

PLUG

-

-

3562316C1

CAV

CIRCUIT

GAUGE

COLOR

TERMINAL

13

PLUG

-

-

3562316C1

14

K21B2

18

TN

3562314C1

15

PLUG

-

-

3562316C1

16

PLUG

-

-

3562316C1

17

K92A14

18

TN

3562314C1

18

K99B

18

VT

3562314C1

19

PLUG

-

-

3562316C1

20\*

K3BB(+)

18

DKBL

3562314C1

20\*#

K3BA(+)

18

DKBL

3562314C1

21\*

K3BB(-)

18

GY

3562314C1

21\*#

K3BA(-)

18

GY

3562314C1

22

PLUG

-

-

3562316C1

23

K97N

18

VT

3562314C1

24

K97B

18

VT

3562314C1

\* W/ MANUAL XMSN

# W/ MERITOR G XMSN

% W/ AUTOSHIFT & ULTRASHIFT GEN3 XMSN

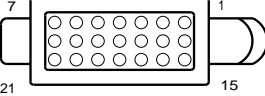
ENGINE SENSOR INTERFACE (6033)

7

1

21

15



CONNECTOR 3803137C1

BODY LOCK 3803139C1

3803117C1

CAV

CIRCUIT

GAUGE

COLOR

TERMINAL

SEAL/SLEEVE

1

K10-GC

16

WH

3803140C1

3803134C1

2

K10-GD

16

WH

3803140C1

3803134C1

3

K10-GE

16

WH

3803140C1

3803134C1

4

K10-GF

16

WH

3803140C1

3803134C1

5

PLUG

-

-

3803138C1

-

6

PLUG

-

-

3803138C1

-

7

K10-GJ

16

WH

3803140C1

3803134C1

8

K13A

18

PK

3803140C1

3803134C1

9

K98GN1

18

GN

3803140C1

3803134C1

CAV

CIRCUIT

GAUGE

COLOR

TERMINAL

SEAL/SLEEVE

10

K98YL1

18

YL

3803140C1

3803134C1

11

PLUG

-

-

3803138C1

-

12

PLUG

-

-

3803138C1

-

13

K91A

18

VT

3803140C1

3803134C1

14

PLUG

-

-

3803138C1

-

15

K14A

16

RD

3803140C1

3803134C1

16

K14B

16

RD

3803140C1

3803134C1

17

K14C

16

RD

3803140C1

3803134C1

18

K14D

16

RD

3803140C1

3803134C1

19

PLUG

-

-

3803138C1

-

20

PLUG

-

-

3803138C1

-

21

K14F

18

RD

3803140C1

3803134C1

CHK

DATE

CHANGE

REV

REFERENCE

DRAWN

NAME

CNA1

08MAY08

REVISED & REDRAWN

B

61296K

300152

CIRCUIT DIAGRAM, PROSTAR

RELEASE NO.

DATE

PART NO.

SHEET

50297W

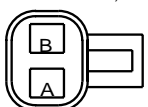
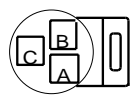
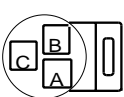
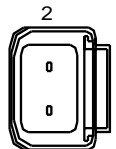
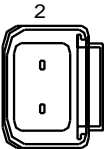
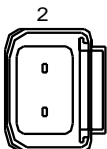
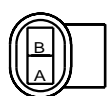
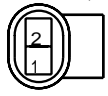
18OCT07

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85A

Figure 285 Connector Composites (6020), (6021), (6033)

**14.97. CONNECTOR COMPOSITES (6200), (6201), (6202), (6260VH), (6260VL), (6260VM), (6304), (6316M), P. 85B**

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.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																
<p style="text-align: center;">FREON COMPRESSOR (6200) (LOCATED ON A/C COMPRESSOR FRONT RIGHT OF ENGINE)</p>  <p style="text-align: center;">CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K77-G</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>K77</td> <td>16</td> <td>LTGN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K77-G	16	WH	2033819C1	1652325C1	B	K77	16	LTGN	2033819C1	1652325C1	<p style="text-align: center;">AC PRESSURE TRANSDUCER (6201) (LOCATED ON A/C COMPRESSOR DISCHARGE HOSE FORWARD OF ENGINE)</p>  <p style="text-align: center;">CONNECTOR 1678137C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A*</td> <td>K9AA</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>A#</td> <td>K9AAA</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>K6DB</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>C</td> <td>K77B</td> <td>18</td> <td>LTGN</td> <td>1651943C1</td> </tr> </tbody> </table> <p style="font-size: 8px;">* N/ OIL TEMPERATURE &amp; N/ AIR RESTRICTION GAUGE # W/ OIL TEMPERATURE OR AIR RESTRICTION GAUGE</p>				CAV	CIR	GAUGE	COLOR	TERMINAL	A*	K9AA	18	GY	1651943C1	A#	K9AAA	18	GY	1651943C1	B	K6DB	18	GY	1651943C1	C	K77B	18	LTGN	1651943C1		
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																															
A	K77-G	16	WH	2033819C1	1652325C1																																															
B	K77	16	LTGN	2033819C1	1652325C1																																															
CAV	CIR	GAUGE	COLOR	TERMINAL																																																
A*	K9AA	18	GY	1651943C1																																																
A#	K9AAA	18	GY	1651943C1																																																
B	K6DB	18	GY	1651943C1																																																
C	K77B	18	LTGN	1651943C1																																																
<p style="text-align: center;">A/C PRESSURE TRANSDUCER (6202)</p>  <p style="text-align: center;">CONNECTOR 3662921C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K9AA</td> <td>18</td> <td>GY</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>A</td> <td>K9AAA</td> <td>18</td> <td>GY</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>B</td> <td>K6DB</td> <td>18</td> <td>GY</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>C</td> <td>K77B</td> <td>18</td> <td>LTGN</td> <td>3554322C1</td> <td>3554318C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K9AA	18	GY	3554322C1	3554318C1	A	K9AAA	18	GY	3554322C1	3554318C1	B	K6DB	18	GY	3554322C1	3554318C1	C	K77B	18	LTGN	3554322C1	3554318C1	<p style="text-align: center;">HCI INJECTOR (6260VH)</p>  <p style="text-align: center;">CONNECTOR 3626435C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95H</td> <td>18</td> <td>TN</td> <td>3613771C1</td> </tr> <tr> <td>2</td> <td>K95J</td> <td>18</td> <td>TN</td> <td>3613771C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95H	18	TN	3613771C1	2	K95J	18	TN	3613771C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																															
A	K9AA	18	GY	3554322C1	3554318C1																																															
A	K9AAA	18	GY	3554322C1	3554318C1																																															
B	K6DB	18	GY	3554322C1	3554318C1																																															
C	K77B	18	LTGN	3554322C1	3554318C1																																															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																
1	K95H	18	TN	3613771C1																																																
2	K95J	18	TN	3613771C1																																																
<p style="text-align: center;">HCI FUEL VALVE (6260VL)</p>  <p style="text-align: center;">CONNECTOR 3626435C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95K</td> <td>18</td> <td>TN</td> <td>3613771C1</td> </tr> <tr> <td>2</td> <td>K95M</td> <td>18</td> <td>TN</td> <td>3613771C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95K	18	TN	3613771C1	2	K95M	18	TN	3613771C1	<p style="text-align: center;">HCI DUMP VALVE (6260VM)</p>  <p style="text-align: center;">CONNECTOR 3626435C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95L</td> <td>18</td> <td>TN</td> <td>3613771C1</td> </tr> <tr> <td>2</td> <td>K95N</td> <td>18</td> <td>TN</td> <td>3613771C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95L	18	TN	3613771C1	2	K95N	18	TN	3613771C1															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																
1	K95K	18	TN	3613771C1																																																
2	K95M	18	TN	3613771C1																																																
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																
1	K95L	18	TN	3613771C1																																																
2	K95N	18	TN	3613771C1																																																
<p style="text-align: center;">THERMAL OVERCRANK (6304) LOCATED ON STARTER LOWER LEFT SIDE OF ENGINE)</p>  <p style="text-align: center;">CONNECTOR 2036583C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K17D</td> <td>16</td> <td>PK</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>K17</td> <td>16</td> <td>PK</td> <td>2036586C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	K17D	16	PK	2036586C1	B	K17	16	PK	2036586C1	<p style="text-align: center;">THERMAL OVERCRANK (6316M) (LOCATED BY STARTER) (W/ IBB ENGINE)</p>  <p style="text-align: center;">CONNECTOR 3662425C1 BODY LOCK 3662518C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K17</td> <td>16</td> <td>PK</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>B</td> <td>K17</td> <td>18</td> <td>PK</td> <td>3554322C1</td> <td>3554318C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K17	16	PK	3554322C1	3554318C1	B	K17	18	PK	3554322C1	3554318C1												
CAV	CIR	GAUGE	COLOR	TERMINAL																																																
A	K17D	16	PK	2036586C1																																																
B	K17	16	PK	2036586C1																																																
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																															
A	K17	16	PK	3554322C1	3554318C1																																															
B	K17	18	PK	3554322C1	3554318C1																																															
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																														
CNA1	08MAY08	INITIAL RELEASE	A	61296K	380061	CIRCUIT DIAGRAM, PROSTAR																																														
RELEASE NO.					DATE	PART NO.	SHEET																																													
61296K					08APR08	AE08055906	85B																																													

**Figure 286 Connector Composites (6200), (6201), (6202), (6260VH), (6260VL), (6260VM), (6304), (6316M)**

14.98. CONNECTOR COMPOSITES (6400), (6401), (6402), (6403), (6406), (6420), P. 86

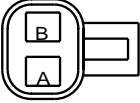
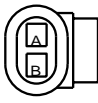
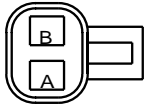
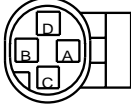
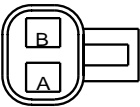
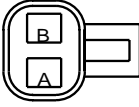


INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																				
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<p style="text-align: center;">FAN SOLENOID (6400) (LOCATED ON LEFT REAR OF ENGINE)</p>  <p style="text-align: right;">CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1" style="width: 100%; font-size: 8px;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> <tr> <td>A</td> <td>K23</td> <td>16</td> <td>TN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>K23-G</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K23	16	TN	2033819C1	1652325C1	B	K23-G	16	WH	2033819C1	1652325C1	<p style="text-align: center;">FAN SOLENOID (6400) (W/ IBB ENGINE)</p>  <p style="text-align: right;">CONNECTOR 3522068C1 BODY LOCK 1661874C1</p> <table border="1" style="width: 100%; font-size: 8px;"> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> <tr> <td>A</td> <td>K23</td> <td>16</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>K23-G</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K23	16	TN	1661875C1	1661872C1	B	K23-G	16	WH	1661875C1	1661872C1																													
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																			
A	K23	16	TN	2033819C1	1652325C1																																																																			
B	K23-G	16	WH	2033819C1	1652325C1																																																																			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																			
A	K23	16	TN	1661875C1	1661872C1																																																																			
B	K23-G	16	WH	1661875C1	1661872C1																																																																			
<p style="text-align: center;">LOW COOLANT SENDER (6401) (LOCATED ON COOLANT RESERVOIR)</p>  <p style="text-align: right;">CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1" style="width: 100%; font-size: 8px;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> <tr> <td>A</td> <td>K34</td> <td>16</td> <td>TN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>K34A</td> <td>16</td> <td>TN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K34	16	TN	2033819C1	1652325C1	B	K34A	16	TN	2033819C1	1652325C1	<p style="text-align: center;">LOW COOLANT SENSOR 8600 (6401) (W/ IBB ENGINE)</p>  <p style="text-align: right;">CONNECTOR 1673746C1 BODY LOCK 1667873C1</p> <table border="1" style="width: 100%; font-size: 8px;"> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> <tr> <td>A</td> <td>K34D</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>K34-GA</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>K34B</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>D</td> <td>K34C</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K34D	18	TN	1661875C1	1661872C1	B	K34-GA	18	WH	1661875C1	1661872C1	C	K34B	18	TN	1661875C1	1661872C1	D	K34C	18	TN	1661875C1	1661872C1																	
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D	K34C	18	TN	1661875C1	1661872C1																																																																			
<p style="text-align: center;">LOW COOLANT SENSOR (6402)</p>  <p style="text-align: right;">CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1" style="width: 100%; font-size: 8px;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> <tr> <td>A</td> <td>K34</td> <td>16</td> <td>TN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>K34A</td> <td>16</td> <td>TN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K34	16	TN	2033819C1	1652325C1	B	K34A	16	TN	2033819C1	1652325C1	<p style="text-align: center;">TRAILER SOCKET 2 (6403)</p>  <p style="text-align: right;">CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1" style="width: 100%; font-size: 8px;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> <tr> <td>A</td> <td>K23</td> <td>16</td> <td>TN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>K23-G</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K23	16	TN	2033819C1	1652325C1	B	K23-G	16	WH	2033819C1	1652325C1																													
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B	K23-G	16	WH	2033819C1	1652325C1																																																																			
<p style="text-align: center;">VARIABLE SPEED FAN DRIVE (6406)</p>  <p style="text-align: right;">CONNECTOR 3540756C1 BODY LOCK 3540758C1</p> <table border="1" style="width: 100%; font-size: 8px;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> <tr> <td>A</td> <td>K23</td> <td>16</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>K9AD</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>K23A</td> <td>16</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>D</td> <td>K23-G</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K23	16	TN	1661875C1	1661872C1	B	K9AD	18	GY	1661875C1	1661872C1	C	K23A	16	TN	1661875C1	1661872C1	D	K23-G	16	WH	1661875C1	1661872C1	<p style="text-align: center;">VARIABLE SPEED FAN (6420) (W/ IBB ENGINE)</p>  <p style="text-align: right;">CONNRCIOR 3579124C1 BODY LOCK 3579126C1</p> <table border="1" style="width: 100%; font-size: 8px;"> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>1</td> <td>K23-G</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>2</td> <td>K23A1</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>3</td> <td>K23</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>4</td> <td>K23B1</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>5</td> <td>K23C</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>6</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3527276C1</td> </tr> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K23-G	18	TN	3518963C1	2	K23A1	18	TN	3518963C1	3	K23	18	TN	3518963C1	4	K23B1	18	TN	3518963C1	5	K23C	18	TN	3518963C1	6	PLUG	-	-	3527276C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																			
A	K23	16	TN	1661875C1	1661872C1																																																																			
B	K9AD	18	GY	1661875C1	1661872C1																																																																			
C	K23A	16	TN	1661875C1	1661872C1																																																																			
D	K23-G	16	WH	1661875C1	1661872C1																																																																			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																				
1	K23-G	18	TN	3518963C1																																																																				
2	K23A1	18	TN	3518963C1																																																																				
3	K23	18	TN	3518963C1																																																																				
4	K23B1	18	TN	3518963C1																																																																				
5	K23C	18	TN	3518963C1																																																																				
6	PLUG	-	-	3527276C1																																																																				
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																		
CNA1	08MAY08	REVISED & REDRAWN	B	61296K	U00K640	CIRCUIT DIAGRAM, PROSTAR																																																																		
					RELEASE NO.	DATE																																																																		
					59637L	08SEP06																																																																		
						PART NO.																																																																		
						AE08055906																																																																		
						SHEET																																																																		
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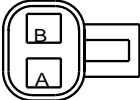
Figure 287 Connector Composites (6400), (6401), (6402), (6403), (6406), (6420)

## 14.99. CONNECTOR COMPOSITES (6550), (6551), (6561), (6700), (6701), (6702), (6703), P. 86A

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.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN			

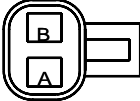
**ETHER START  
(6550)**  
(LOCATED ON ETHER BOTTLE - FRONT LEFT RAIL)



CONNECTOR 1671610C1  
BODY LOCK 1671608C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K21	16	TN	2033819C1	1652325C1
B	K21A	16	TN	2033819C1	1652325C1

**ETHER START  
(6551)**

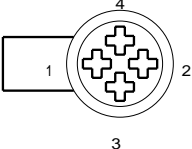


CONNECTOR 1671610C1  
BODY LOCK 1671608C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K21	16	TN	2033819C1	1652325C1
B	K21A	16	TN	2033819C1	1652325C1

**COLD START ASSIST FUEL SOLENOID (6561)**  
(W/ IBB ENGINE)



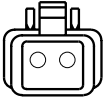
CONNRCATOR 3664975C1  
BODY LOCK 3664978C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	K21TN1	18	TN	3664980C1	3664976C1
2	K10WH1	18	WH	3664980C1	3664976C1
3	PLUG	-	-	3664977C1	-
4	PLUG	-	-	3664977C1	-

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	K21TN1	18	TN	3664980C1	3664976C1
2	K10WH1	18	WH	3664980C1	3664976C1
3	PLUG	-	-	3664977C1	-
4	PLUG	-	-	3664977C1	-

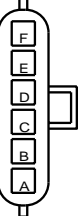
**PRIMING PUMP  
(6700)**  
(LOCATED ON FRONT LEFT OF ENGINE)



CONNECTOR 3577412C1  
BODY LOCK 3577413C1

CAV	CIR	GAUGE	COLOR	TERMINAL
1	K10-GB	12	WH	3557534C1
2	K97DC	12	VT	3557534C1

**ENGINE BLOCK GROUND SPLICE  
(6701)**  
(LOCATED AT LEFT REAR OF ENGINE)

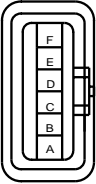


CONNECTOR 3551896C1  
BODY LOCK 3551897C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K10-GA	12	WH	2033816C1	0589390C1
B	K10-GB	12	WH	2033816C1	0589390C1
C	K77-G	16	WH	2033819C1	1652325C1
D	K23-G	16	WH	2033819C1	1652325C1
E	K21A	16	TN	2033819C1	1652325C1
F	PLUG	-	-	0587579C1	-

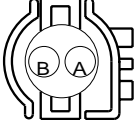
**0V REFERENCE SPLICE  
(6702)**  
(LOCATED UPPER REAR OF ENGINE)



CONNECTOR 3543729C1  
BODY LOCK 3543731C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K9AA	16	GY	3535303C1	3535424C1
B	K9AAA	18	GY	3535303C1	3535424C1
C	K9AAD	18	GY	3535303C1	3535424C1
D	K9AAB	18	GY	3535303C1	3535424C1
E	PLUG	-	-	3535425C1	-
F	PLUG	-	-	3535425C1	-

**INTAKE AIR TEMPERATURE  
(6703)**  
(LOCATED ON AIR FILTER HOUSING)  
(W/ IBB ENGINE)



CONNECTOR 1689462C1  
BODY LOCK 1689463C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	K41	16	TN	1689464C1
B	K41-G	16	WH	1689464C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	08MAY08	INITIAL RELEASE	A	61296K	380061	CIRCUIT DIAGRAM, PROSTAR
					RELEASE NO.	DATE
					61296K	08APR08
						PART NO.
						AE08055906
						SHEET
						86A

**Figure 288 Connector Composites (6550), (6551), (6561), (6700), (6701), (6702), (6703)**



## 14.100. CONNECTOR COMPOSITES (6703/6703A), (6704), (6704A), (6705), (6706), P. 87

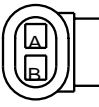
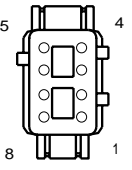
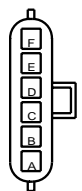
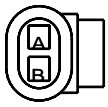
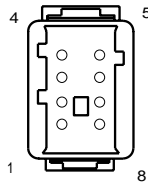
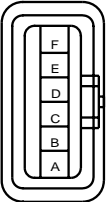
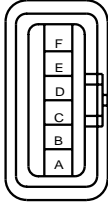
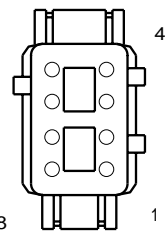
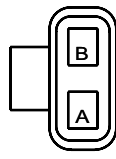

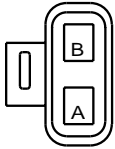
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<p>AIR RESTRICTION GAUGE (6703 / &amp; 6703A) (LOCATED ON AIR CLEANER - LEFT REAR OF ENGINE)</p>  <p>CONNECTOR 3522068C1 BODY LOCK 1661874C1</p> <p>&amp; W/ IBB ENGINE</p> <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>K9AAB</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr><tr><td>B</td><td>K28</td><td>18</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr></tbody></table>						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K9AAB	18	GY	1661875C1	1661872C1	B	K28	18	TN	1661875C1	1661872C1																																																																											
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<p>FLEETGUARD AFTER TREATMENT HARNESS (6704) (LOCATED ON RIGHT SIDE OF BELL HOUSING)</p>  <p>CONNECTOR 3539139C1 BODY LOCK 3539144C1</p> <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>K95A</td><td>18</td><td>TN</td><td>3555249C1</td></tr><tr><td>2</td><td>K95B</td><td>18</td><td>TN</td><td>3555249C1</td></tr><tr><td>3</td><td>K95C</td><td>18</td><td>TN</td><td>3555249C1</td></tr><tr><td>4</td><td>K95-GA</td><td>18</td><td>WH</td><td>3555249C1</td></tr><tr><td>5</td><td>K95D</td><td>18</td><td>TN</td><td>3555249C1</td></tr><tr><td>6</td><td>K95E</td><td>18</td><td>TN</td><td>3555249C1</td></tr><tr><td>7</td><td>K95-GB</td><td>18</td><td>WH</td><td>3555249C1</td></tr><tr><td>8</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr></tbody></table>			CAV	CIR	GAUGE	COLOR	TERMINAL	1	K95A	18	TN	3555249C1	2	K95B	18	TN	3555249C1	3	K95C	18	TN	3555249C1	4	K95-GA	18	WH	3555249C1	5	K95D	18	TN	3555249C1	6	K95E	18	TN	3555249C1	7	K95-GB	18	WH	3555249C1	8	PLUG	-	-	3527276C1	<p>GROUND ADAPTER (6704A) (W/ IBB ENGINE)</p>  <p>CONNECTOR 3551896C1 BODY LOCK 3551897C1</p> <p>* MUTUALLY EXCLUSIVE</p> <table border="1"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>K10-GB</td><td>10</td><td>WH</td><td>1687847C1</td><td>0589390C1</td></tr><tr><td>B</td><td>K10WH1</td><td>18</td><td>WH</td><td>2033819C1</td><td>3517771C1</td></tr><tr><td>C</td><td>K77-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr><tr><td>D</td><td>K10-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr><tr><td>E*</td><td>K23-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr><tr><td>E*</td><td>K23-G</td><td>18</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr><tr><td>F</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr></tbody></table>			CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K10-GB	10	WH	1687847C1	0589390C1	B	K10WH1	18	WH	2033819C1	3517771C1	C	K77-G	16	WH	2033819C1	1652325C1	D	K10-G	16	WH	2033819C1	1652325C1	E*	K23-G	16	WH	2033819C1	1652325C1	E*	K23-G	18	TN	2033819C1	1652325C1	F	PLUG	-	-	0587579C1	-
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Figure 289 Connector Composites (6703/6703A), (6704), (6704A), (6705), (6706)

## 14.101. CONNECTOR COMPOSITES (6706), (6707), (6712), (6713), (6715), P. 88

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																
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**Figure 290 Connector Composites (6706), (6707), (6712), (6713), (6715)**

## 14.102. CONNECTOR COMPOSITES (6720/6721), (6730), (6731), P. 88A

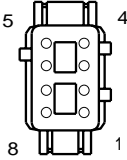
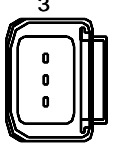
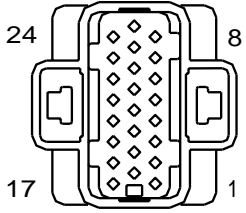
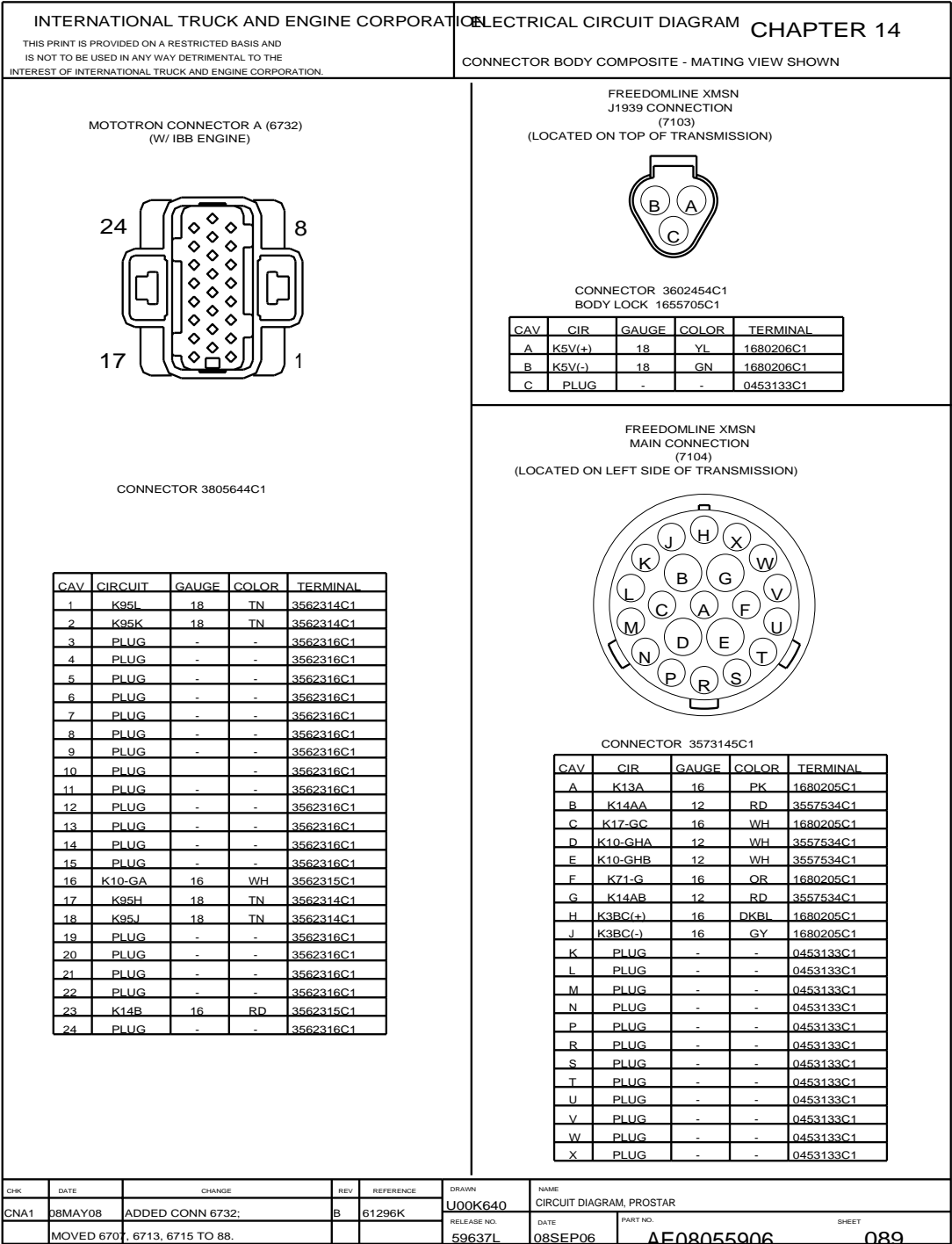
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<p>AFTERTREATMENT SENSOR JUMPER / AFTERTREATMENT SENSOR JUMPER-LSM EXHAUST (6720 / 6721) (W/ IBB ENGINE)</p>  <p>CONNECTOR 3539139C1 BODY LOCK 3539144C1</p>										<table border="1"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>K95A</td><td>18</td><td>TN</td><td>3555249C1</td></tr><tr><td>2</td><td>K95B</td><td>18</td><td>TN</td><td>3555249C1</td></tr><tr><td>3</td><td>K95C</td><td>18</td><td>TN</td><td>3555249C1</td></tr><tr><td>4</td><td>K95-GA</td><td>18</td><td>WH</td><td>3555249C1</td></tr><tr><td>5</td><td>K95D</td><td>18</td><td>TN</td><td>3555249C1</td></tr><tr><td>6</td><td>K95E</td><td>18</td><td>TN</td><td>3555249C1</td></tr><tr><td>7</td><td>K95-GB</td><td>18</td><td>WH</td><td>3555249C1</td></tr><tr><td>8</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr></tbody></table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95A	18	TN	3555249C1	2	K95B	18	TN	3555249C1	3	K95C	18	TN	3555249C1	4	K95-GA	18	WH	3555249C1	5	K95D	18	TN	3555249C1	6	K95E	18	TN	3555249C1	7	K95-GB	18	WH	3555249C1	8	PLUG	-	-	3527276C1																																																																																
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<p>HCL FUEL PRESSURE (6730) (W/ IBB ENGINE)</p>  <p>CONNECTOR 3803116C1</p>										<table border="1"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>K95P</td><td>18</td><td>TN</td><td>3613771C1</td></tr><tr><td>2</td><td>K95R</td><td>18</td><td>TN</td><td>3613771C1</td></tr><tr><td>3</td><td>K95S</td><td>18</td><td>TN</td><td>3613771C1</td></tr></tbody></table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95P	18	TN	3613771C1	2	K95R	18	TN	3613771C1	3	K95S	18	TN	3613771C1																																																																																																									
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<p>MOTOTRON CONNECTOR B (6731) (W/ IBB ENGINE)</p>  <p>CONNECTOR 3805646C1</p>										<table border="1"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>K95T1</td><td>18</td><td>TN</td><td>3562314C1</td></tr><tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>8</td><td>K15A</td><td>18</td><td>RD</td><td>3562314C1</td></tr><tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>12</td><td>K95A</td><td>18</td><td>TN</td><td>3562314C1</td></tr><tr><td>13</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>14</td><td>K95C</td><td>18</td><td>TN</td><td>3562314C1</td></tr><tr><td>15</td><td>K95B</td><td>18</td><td>TN</td><td>3562314C1</td></tr><tr><td>16</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>17</td><td>K10-GB</td><td>16</td><td>WH</td><td>3562314C1</td></tr><tr><td>18</td><td>K95E</td><td>18</td><td>TN</td><td>3562314C1</td></tr><tr><td>19</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>20</td><td>K98YL4</td><td>18</td><td>YL</td><td>3562314C1</td></tr><tr><td>21</td><td>K98GN4</td><td>18</td><td>GN</td><td>3562314C1</td></tr><tr><td>22</td><td>K14A</td><td>16</td><td>RD</td><td>3562314C1</td></tr><tr><td>23</td><td>K95S</td><td>18</td><td>TN</td><td>3562314C1</td></tr><tr><td>24</td><td>K95F</td><td>18</td><td>TN</td><td>3562314C1</td></tr></tbody></table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95T1	18	TN	3562314C1	2	PLUG	-	-	3562316C1	3	PLUG	-	-	3562316C1	4	PLUG	-	-	3562316C1	5	PLUG	-	-	3562316C1	6	PLUG	-	-	3562316C1	7	PLUG	-	-	3562316C1	8	K15A	18	RD	3562314C1	9	PLUG	-	-	3562316C1	10	PLUG	-	-	3562316C1	11	PLUG	-	-	3562316C1	12	K95A	18	TN	3562314C1	13	PLUG	-	-	3562316C1	14	K95C	18	TN	3562314C1	15	K95B	18	TN	3562314C1	16	PLUG	-	-	3562316C1	17	K10-GB	16	WH	3562314C1	18	K95E	18	TN	3562314C1	19	PLUG	-	-	3562316C1	20	K98YL4	18	YL	3562314C1	21	K98GN4	18	GN	3562314C1	22	K14A	16	RD	3562314C1	23	K95S	18	TN	3562314C1	24	K95F	18	TN	3562314C1
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					RELEASE NO. 61296K	DATE 09APR08	PART NO. AE08055906	SHEET 88A																																																																																																																																			

Figure 291 Connector Composites (6720/6721), (6730), (6731)

14.103. CONNECTOR COMPOSITES (6732), (7103), (7104), P. 89



## 14.104. CONNECTOR COMPOSITES (7105), (7107/7110), (7111), (7500/7500A), P. 90

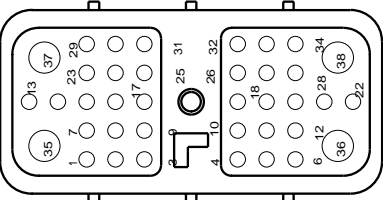

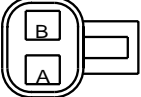

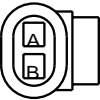
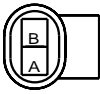


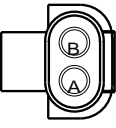

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<p>EATON GEN3 TCM CONNECTOR (7105) (LOCATED ON LEFT SIDE OF TRANSMISSION)</p>  <p>CONNECTOR 3599542C1 * MUTUALLY EXCLUSIVE</p> <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>2</td><td>K5V(-)</td><td>18</td><td>GN</td><td>3555249C1</td></tr><tr><td>3</td><td>K5V(+)</td><td>18</td><td>YL</td><td>3555249C1</td></tr><tr><td>4*</td><td>K17-GC</td><td>18</td><td>WH</td><td>3555249C1</td></tr><tr><td>4*</td><td>K17-GC</td><td>18</td><td>PK</td><td>3555249C1</td></tr><tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>8</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>10</td><td>K3BC(+)</td><td>18</td><td>DKBL</td><td>3555249C1</td></tr><tr><td>11</td><td>K3BC(-)</td><td>18</td><td>GY</td><td>3555249C1</td></tr><tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>13</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>14</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>15</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>16</td><td>K92A</td><td>18</td><td>TN</td><td>3555249C1</td></tr><tr><td>17</td><td>K92B</td><td>18</td><td>TN</td><td>3555249C1</td></tr><tr><td>18</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>19</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>20*</td><td>K92E</td><td>18</td><td>TN</td><td>3555249C1</td></tr><tr><td>20*</td><td>K92E</td><td>16</td><td>TN</td><td>3555249C1</td></tr><tr><td>21</td><td>K92F</td><td>18</td><td>TN</td><td>3555249C1</td></tr><tr><td>22</td><td>K92H</td><td>18</td><td>TN</td><td>3555249C1</td></tr><tr><td>23</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>24</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>25</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>26*</td><td>K17C</td><td>18</td><td>PK</td><td>3555249C1</td></tr><tr><td>26*</td><td>K17C</td><td>16</td><td>PK</td><td>3555249C1</td></tr><tr><td>27</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>28</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>29</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>30</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>31</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>32</td><td>K17B</td><td>18</td><td>PK</td><td>3555249C1</td></tr><tr><td>33</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>34</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>35*</td><td>K13AA</td><td>12</td><td>PK</td><td>3557534C1</td></tr><tr><td>35*</td><td>K13A</td><td>14</td><td>PK</td><td>3557534C1</td></tr><tr><td>36</td><td>K10-GE</td><td>12</td><td>WH</td><td>3557534C1</td></tr><tr><td>37</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>38</td><td>K14A</td><td>12</td><td>RD</td><td>3557534C1</td></tr></tbody></table>					CAV	CIR	GAUGE	COLOR	TERMINAL	1	PLUG	-	-	3527276C1	2	K5V(-)	18	GN	3555249C1	3	K5V(+)	18	YL	3555249C1	4*	K17-GC	18	WH	3555249C1	4*	K17-GC	18	PK	3555249C1	5	PLUG	-	-	3527276C1	6	PLUG	-	-	3527276C1	7	PLUG	-	-	3527276C1	8	PLUG	-	-	3527276C1	9	PLUG	-	-	3527276C1	10	K3BC(+)	18	DKBL	3555249C1	11	K3BC(-)	18	GY	3555249C1	12	PLUG	-	-	3527276C1	13	PLUG	-	-	3527276C1	14	PLUG	-	-	3527276C1	15	PLUG	-	-	3527276C1	16	K92A	18	TN	3555249C1	17	K92B	18	TN	3555249C1	18	PLUG	-	-	3527276C1	19	PLUG	-	-	3527276C1	20*	K92E	18	TN	3555249C1	20*	K92E	16	TN	3555249C1	21	K92F	18	TN	3555249C1	22	K92H	18	TN	3555249C1	23	PLUG	-	-	3527276C1	24	PLUG	-	-	3527276C1	25	PLUG	-	-	3527276C1	26*	K17C	18	PK	3555249C1	26*	K17C	16	PK	3555249C1	27	PLUG	-	-	3527276C1	28	PLUG	-	-	3527276C1	29	PLUG	-	-	3527276C1	30	PLUG	-	-	3527276C1	31	PLUG	-	-	3527276C1	32	K17B	18	PK	3555249C1	33	PLUG	-	-	3527276C1	34	PLUG	-	-	3527276C1	35*	K13AA	12	PK	3557534C1	35*	K13A	14	PK	3557534C1	36	K10-GE	12	WH	3557534C1	37	PLUG	-	-	3527276C1	38	K14A	12	RD	3557534C1	<p>J1939 (7107 / &amp; 7110) (LOCATED ON TRANSMISSION HARNESS)</p>  <p>&amp; ONLY FOR IBB ENGINE</p> <p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p> <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>K5TB(+)</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td></tr><tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>-</td></tr><tr><td>C</td><td>K5TB(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr></tbody></table>		CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K5TB(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	C	K5TB(-)	18	GN	1661875C1	3568570C1
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					<p>MERITOR G POWER (7111) (LOCATED ON LEFT SIDE OF TRANSMISSION)</p>  <p>CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>K13A</td><td>16</td><td>PK</td><td>2033819C1</td><td>1652325C1</td></tr><tr><td>B</td><td>K10-GX</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr></tbody></table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K13A	16	PK	2033819C1	1652325C1	B	K10-GX	16	WH	2033819C1	1652325C1																																																																																																																																																																																																																													
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					<p>BACK-UP LIGHT (7500 / &amp; 7500A) (LOCATED ON TOP REAR OF TRANSMISSION)</p>  <p>&amp; ONLY FOR IBB ENGINE</p> <p>CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>K71A</td><td>16</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr><tr><td>B</td><td>K71B</td><td>16</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr></tbody></table>		CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K71A	16	OR	1661875C1	1661872C1	B	K71B	16	OR	1661875C1	1661872C1																																																																																																																																																																																																																													
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Figure 293 Connector Composites (7105), (7107/7110), (7111), (7500/7500A)

**14.105. CONNECTOR COMPOSITES (7500W), (7600), (7600/7600A), (7700), (7802), (7905), P. 91**

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.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																													
<p>REVERSE LIGHT (7500W)</p>  <p>CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K71A</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>K71B</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K71A	16	OR	1661875C1	1661872C1	B	K71B	16	OR	1661875C1	1661872C1	<p>VEHICLE SPEED SENSOR (7600)</p>  <p>CONNECTOR 3662425C1 BODY LOCK 3662518C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K47</td> <td>18</td> <td>GY</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>B</td> <td>K47A</td> <td>18</td> <td>GY</td> <td>3554322C1</td> <td>3554318C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K47	18	GY	3554322C1	3554318C1	B	K47A	18	GY	3554322C1	3554318C1																																																						
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<p>SPEED SENSOR (7600 / &amp;7600A) (LOCATED ON REAR OF TRANSMISSION)</p>  <p>&amp; ONLY FOR IBB ENGINE</p> <p>CONNECTOR 2036583C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K47</td> <td>16</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>K47A</td> <td>16</td> <td>GY</td> <td>2036586C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	K47	16	GY	2036586C1	B	K47A	16	GY	2036586C1	<p>TRANSMISSION OIL TEMP SENSOR (7700) (LOCATED ON UNDERSIDE OF TRANSMISSION)</p>  <p>CONNECTOR 3536864C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K31</td> <td>18</td> <td>TN</td> <td>3536865C1</td> <td>3536868C1</td> </tr> <tr> <td>2&amp;</td> <td>K9AAD</td> <td>18</td> <td>GY</td> <td>3536865C1</td> <td>3536868C1</td> </tr> <tr> <td>2*</td> <td>K9AA</td> <td>16</td> <td>GY</td> <td>3561584C1</td> <td>3536868C1</td> </tr> <tr> <td>2@</td> <td>K9AAD</td> <td>18</td> <td>GY</td> <td>3561584C1</td> <td>3536868C1</td> </tr> </tbody> </table> <p style="font-size: 8px; margin-top: 5px;">             &amp; W/ ISX ENGINE              * W/ IBB ENGINE N/ AC              @ W/ IBB ENGINE W/ AC         </p>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K31	18	TN	3536865C1	3536868C1	2&	K9AAD	18	GY	3536865C1	3536868C1	2*	K9AA	16	GY	3561584C1	3536868C1	2@	K9AAD	18	GY	3561584C1	3536868C1																																													
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<p>NEUTRAL SWITCH (7802) (LOCATED ON TOP OF TRANSMISSION)</p>  <p>CONNECTOR 3593684C91</p>				<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K97J</td> <td>18</td> <td>VT</td> <td>0587578C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>K97S</td> <td>18</td> <td>VT</td> <td>0587578C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K97J	18	VT	0587578C1	1652325C1	B	K97S	18	VT	0587578C1	1652325C1																																																																								
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B	K97S	18	VT	0587578C1	1652325C1																																																																																												
<p>SHIFTER CONNECTION (7905) (LOCATED ON SHIFTER MODULE)</p>  <p>CONNECTOR 3601746C1</p>				<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>PLUG</td><td>-</td><td>-</td><td>3535425C1</td><td>-</td></tr> <tr><td>B</td><td>A92-G</td><td>16</td><td>WH</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>C</td><td>A92VA</td><td>16</td><td>TN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>D</td><td>A92UA</td><td>18</td><td>TN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>E</td><td>PLUG</td><td>-</td><td>-</td><td>3535425C1</td><td>-</td></tr> <tr><td>F</td><td>A5FA(+)</td><td>18</td><td>YL</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>G</td><td>A5FA(-)</td><td>18</td><td>GN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>H</td><td>PLUG</td><td>-</td><td>-</td><td>3535425C1</td><td>-</td></tr> <tr><td>J</td><td>A62BE</td><td>18</td><td>DKBL</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>K</td><td>A92A</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>L</td><td>A92</td><td>18</td><td>TN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>M</td><td>PLUG</td><td>-</td><td>-</td><td>3535425C1</td><td>-</td></tr> <tr><td>N</td><td>A92A</td><td>18</td><td>TN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>P</td><td>A92B</td><td>18</td><td>TN</td><td>3535303C1</td><td>3535424C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	PLUG	-	-	3535425C1	-	B	A92-G	16	WH	3535303C1	3535424C1	C	A92VA	16	TN	3535303C1	3535424C1	D	A92UA	18	TN	3535303C1	3535424C1	E	PLUG	-	-	3535425C1	-	F	A5FA(+)	18	YL	3535303C1	3535424C1	G	A5FA(-)	18	GN	3535303C1	3535424C1	H	PLUG	-	-	3535425C1	-	J	A62BE	18	DKBL	3535303C1	3535424C1	K	A92A	18	GY	3535303C1	3535424C1	L	A92	18	TN	3535303C1	3535424C1	M	PLUG	-	-	3535425C1	-	N	A92A	18	TN	3535303C1	3535424C1	P	A92B	18	TN	3535303C1	3535424C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																												
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RELEASE NO. 59637L					DATE 08SEP06	PART NO. AE08055906	SHEET 091																																																																																										

**Figure 294 Connector Composites (7500W), (7600), (7600/7600A), (7700), (7802), (7905)**

## 14.106. CONNECTOR COMPOSITES (8000), (8001), P. 92

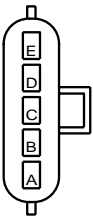
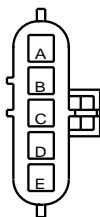
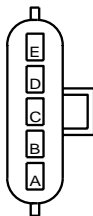
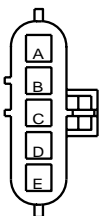
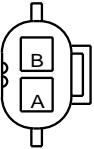
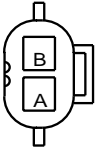
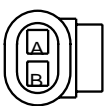
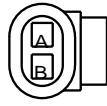
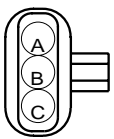
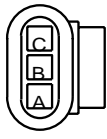
INTERNATIONAL TRUCK AND ENGINE CORPORATION					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																					
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<p>RIGHT HEADLIGHT T / S HARNESS CONNECTOR (8000) (LOCATED ON UNDERSIDE OF HOOD BY HEADLIGHT MODULE - RIGHT SIDE)</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"><div style="text-align: center;"><p>CONNECTOR 1661375C2 BODY LOCK 1661376C1</p></div><div style="text-align: center;"><p>CONNECTOR 0587579C1 BODY LOCK 1677914C1</p></div></div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>M52B</td><td>14</td><td>YL</td><td>2033816C1</td><td>0589391C1</td></tr><tr><td>B</td><td>M11-GB</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr><tr><td>C</td><td>M53B</td><td>14</td><td>YL</td><td>2033816C1</td><td>0589391C1</td></tr><tr><td>D</td><td>M57AC</td><td>16</td><td>OR</td><td>2033819C1</td><td>1652325C1</td></tr><tr><td>E</td><td>M58B</td><td>16</td><td>BN</td><td>2033819C1</td><td>1652325C1</td></tr></tbody></table>							CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M52B	14	YL	2033816C1	0589391C1	B	M11-GB	14	WH	2033816C1	0589391C1	C	M53B	14	YL	2033816C1	0589391C1	D	M57AC	16	OR	2033819C1	1652325C1	E	M58B	16	BN	2033819C1	1652325C1
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E	M58B	16	BN	2033819C1	1652325C1																																					
<p>LEFT HEADLIGHT T / S HARNESS CONNECTOR (8001) (LOCATED ON UNDERSIDE OF HOOD BY HEADLIGHT MODULE - LEFT SIDE)</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"><div style="text-align: center;"><p>CONNECTOR 1661375C2 BODY LOCK 1661376C1</p></div><div style="text-align: center;"><p>CONNECTOR 1677851C1 BODY LOCK 1677914C1</p></div></div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>M52A</td><td>14</td><td>YL</td><td>2033816C1</td><td>0589391C1</td></tr><tr><td>B</td><td>M11-GA</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr><tr><td>C</td><td>M53A</td><td>14</td><td>YL</td><td>2033816C1</td><td>0589391C1</td></tr><tr><td>D</td><td>M56AC</td><td>16</td><td>OR</td><td>2033819C1</td><td>1652325C1</td></tr><tr><td>E</td><td>M58A</td><td>16</td><td>BN</td><td>2033819C1</td><td>1652325C1</td></tr></tbody></table>							CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M52A	14	YL	2033816C1	0589391C1	B	M11-GA	14	WH	2033816C1	0589391C1	C	M53A	14	YL	2033816C1	0589391C1	D	M56AC	16	OR	2033819C1	1652325C1	E	M58A	16	BN	2033819C1	1652325C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																					
A	M52A	14	YL	2033816C1	0589391C1																																					
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<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>CHK</th><th>DATE</th><th>CHANGE</th><th>REV</th><th>REFERENCE</th><th>DRAWN</th><th>NAME</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td><td>U00K640</td><td>PROSTAR CIRCUIT DIAGRAM</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>59637L</td><td>08SEP06</td></tr></tbody></table> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"><thead><tr><th>PART NO.</th><th>SHEET</th></tr></thead><tbody><tr><td>AF08-55906</td><td>92</td></tr></tbody></table>							CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME						U00K640	PROSTAR CIRCUIT DIAGRAM						RELEASE NO.	DATE						59637L	08SEP06	PART NO.	SHEET	AF08-55906	92				
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AF08-55906	92																																									

Figure 295 Connector Composites (8000), (8001)

## 14.107. CONNECTOR COMPOSITES (8006R), (8006T), (8050), (8051), (8052), (8053), P. 93

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																															
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<p>HEADLIGHT HIGH (8006R) (LOCATED INBOARD IN HEADLIGHT MODULE)</p>  <p>CONNECTOR 3600047C1 BODY LOCK 3600054C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr><td>A#</td><td>C52A</td><td>14</td><td>YL</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>A*</td><td>C52B</td><td>14</td><td>YL</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>B#</td><td>C11-GAA</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>B*</td><td>C11-GBA</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> </table> <p># W/ HEADLIGHT HIGH BEAM LEFT * W/ HEADLIGHT HIGH BEAM RIGHT</p>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A#	C52A	14	YL	2033816C1	0589391C1	A*	C52B	14	YL	2033816C1	0589391C1	B#	C11-GAA	14	WH	2033816C1	0589391C1	B*	C11-GBA	14	WH	2033816C1	0589391C1	<p>HEADLIGHT LOW (8006T) (LOCATED IN HEADLIGHT MODULE)</p>  <p>CONNECTOR 3600046C1 BODY LOCK 3600054C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr><td>A#</td><td>C53A</td><td>14</td><td>YL</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>A*</td><td>C53B</td><td>14</td><td>YL</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>B#</td><td>C11-GAB</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>B*</td><td>C11-GBB</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> </table> <p># W/ HEADLIGHT LOW BEAM LEFT * W/ HEADLIGHT LOW BEAM RIGHT</p>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A#	C53A	14	YL	2033816C1	0589391C1	A*	C53B	14	YL	2033816C1	0589391C1	B#	C11-GAB	14	WH	2033816C1	0589391C1	B*	C11-GBB	14	WH	2033816C1	0589391C1
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B*	C11-GBB	14	WH	2033816C1	0589391C1																																																														
<p>CUSTOMER SUPPLIED LIGHTS (8050) (LOCATED ON CHASSIS HARNESS BY DASH PANEL)</p>  <p>CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr><td>A</td><td>M54X</td><td>16</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>M54-GA</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M54X	16	OR	1661875C1	1661872C1	B	M54-GA	16	WH	1661875C1	1661872C1	<p>SKIRT LIGHTS (8051) (LOCATED ON RIGHT SIDE DASH PANEL)</p>  <p>CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr><td>A</td><td>A54XA</td><td>16</td><td>BN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>A*</td><td>A54XE</td><td>16</td><td>BN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>A54-GXA</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> </table> <p>* W/ TOPGUN</p>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A54XA	16	BN	1661875C1	1661872C1	A*	A54XE	16	BN	1661875C1	1661872C1	B	A54-GXA	16	WH	1661875C1	1661872C1																		
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																														
A	M54X	16	OR	1661875C1	1661872C1																																																														
B	M54-GA	16	WH	1661875C1	1661872C1																																																														
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A*	A54XE	16	BN	1661875C1	1661872C1																																																														
B	A54-GXA	16	WH	1661875C1	1661872C1																																																														
<p>SKIRT LIGHTING (8052)</p>  <p>CONNECTOR 1667740C1 BODY LOCK 1667771C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr><td>A</td><td>A54-GXD</td><td>16</td><td>WH</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>A57B</td><td>16</td><td>OR</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>A54XC</td><td>16</td><td>BN</td><td>1667742C1</td><td>1661872C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A54-GXD	16	WH	1667742C1	1661872C1	B	A57B	16	OR	1667742C1	1661872C1	C	A54XC	16	BN	1667742C1	1661872C1	<p>RIGHT TURN SIGNAL (8053)</p>  <p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr><td>A</td><td>A54-GXE</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>A57A</td><td>16</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>A54XB</td><td>16</td><td>BN</td><td>1661875C1</td><td>1661872C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A54-GXE	16	WH	1661875C1	1661872C1	B	A57A	16	OR	1661875C1	1661872C1	C	A54XB	16	BN	1661875C1	1661872C1												
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																														
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B	A57B	16	OR	1667742C1	1661872C1																																																														
C	A54XC	16	BN	1667742C1	1661872C1																																																														
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B	A57A	16	OR	1661875C1	1661872C1																																																														
C	A54XB	16	BN	1661875C1	1661872C1																																																														
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																													
RAW6	19NOV07	ADDED CONN 8052 &	A	50297W	U00K640	CIRCUIT DIAGRAM, PROSTAR																																																													
	8053				RELEASE NO.	DATE	PART NO.																																																												
					59637L	08SEP06	AE08055906																																																												
						SHEET	093																																																												

**Figure 296 Connector Composites (8006R), (8006T), (8050), (8051), (8052), (8053)**



# 14.108. CONNECTOR COMPOSITES (8100), (8100A), (8100B), (8101), (8101A), (8101B), (8103), (8165), P. 94


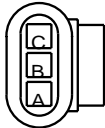
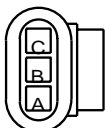



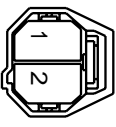
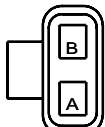

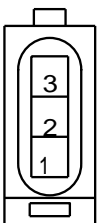
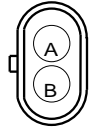
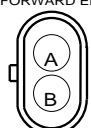
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<b>LEFT MODESTY TURN LAMP (8100)</b> (LOCATED AT FRONT OF LEFT SIDE MODESTY PANEL)				<b>LEFT FORWARD MODESTY PANEL TURN LIGHT (8100A)</b> (LOCATED AT FRONT OF LEFT SIDE MODESTY PANEL)			
							
CONNECTOR 1667741C1 BODY LOCK 1667771C1				CONNECTOR 1667741C1 BODY LOCK 1667771C1			
<b>CAV</b>	<b>CIR</b>	<b>GAUGE</b>	<b>COLOR</b>	<b>TERMINAL</b>	<b>SEAL/SLEEVE</b>		
A	M11-GBB	16	WH	1661875C1	1661872C1		
B	M56AB	16	OR	1661875C1	1661872C1		
C	M58AB	16	BN	1661875C1	1661872C1		
<b>LEFT REAR MODESTY PANEL TURN LIGHT W/ SLEEPER (8100B)(OPTIONAL)</b> (LOCATED AT LEFT SIDE MODESTY PANEL)				<b>RIGHT MODESTY TURN LAMP (8101)</b> (LOCATED AT FRONT OF RIGHT SIDE MODESTY PANEL)			
							
CONNECTOR 1667741C1 BODY LOCK 1667771C1				CONNECTOR 1667741C1 BODY LOCK 1667771C1			
<b>CAV</b>	<b>CIR</b>	<b>GAUGE</b>	<b>COLOR</b>	<b>TERMINAL</b>	<b>SEAL/SLEEVE</b>		
A	J11GBB	16	WH	1661875C1	1661872C1		
B	J56AB	16	OR	1661875C1	1661872C1		
C	J58AB	16	BN	1661875C1	1661872C1		
<b>RIGHT FORWARD MODESTY PANEL TURN LIGHT (8101A)</b> (LOCATED AT RIGHT SIDE MODESTY PANEL)				<b>RIGHT REAR MODESTY PANEL TURN LIGHT W/ SLEEPER (8101B)(OPTIONAL)</b> (LOCATED AT RIGHT SIDE MODESTY PANEL)			
							
CONNECTOR 1667741C1 BODY LOCK 1667771C1				CONNECTOR 1667741C1 BODY LOCK 1667771C1			
<b>CAV</b>	<b>CIR</b>	<b>GAUGE</b>	<b>COLOR</b>	<b>TERMINAL</b>	<b>SEAL/SLEEVE</b>		
A	J11GAA	16	WH	1661875C1	1661872C1		
B	J57AA	16	OR	1661875C1	1661872C1		
C	J58AA	16	BN	1661875C1	1661872C1		
<b>MARKER LIGHT (8165)</b> (LOCATED OUTBOARD IN HEADLIGHT MODULE)				<b>TRANSMISSION FUSE (8103)</b>			
							
CONNECTOR 3591983C1				CONNECTOR 1667639C1 BODY LOCK 1675451C1			
<b>CAV</b>	<b>CIR</b>	<b>GAUGE</b>	<b>COLOR</b>	<b>TERMINAL</b>	<b>SEAL/SLEEVE</b>		
1	M58AA	16	BN	3590956C1	3591990C1		
2	M11-GBD	16	WH	3590956C1	3591990C1		
<b>CAV</b>	<b>CIRCUIT</b>	<b>GAUGE</b>	<b>COLOR</b>	<b>TERMINAL</b>			
A	K14A	12	RD	1661708C1			
B	K14D	12	RD	1661708C1			
<b>CHK</b>	<b>DATE</b>	<b>CHANGE</b>	<b>REV</b>	<b>REFERENCE</b>	<b>DRAWN</b>	<b>NAME</b>	<b>SHEET</b>
CNA1	08MAY08	ADDED CONN 8103	B	61296K	U00K640	CIRCUIT DIAGRAM, PROSTAR	
					RELEASE NO.	DATE	PART NO.
					59637L	08SEP06	AE08055906
							094

Figure 297 Connector Composites (8100), (8100A), (8100B), (8101), (8101A), (8101B), (8103), (8165)

## 14.109. CONNECTOR COMPOSITES (8166), (8166T), (8200), (8201), P. 95

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>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</b> CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																										
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p align="center">TURN / MARKER LIGHT (8166) (LOCATED IN HEADLIGHT MODULE RIGHT SIDE)</p>  <p align="center">CONNECTOR 3600048C1</p> </div> <div style="width: 65%;"> <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr> <td>1</td><td>M11-GBC</td><td>16</td><td>WH</td><td>3600050C1</td><td>3600058C1</td></tr> <tr> <td>2</td><td>M58BB</td><td>16</td><td>BN</td><td>3600050C1</td><td>3600058C1</td></tr> <tr> <td>3</td><td>M57</td><td>16</td><td>OR</td><td>3600050C1</td><td>3600058C1</td></tr> </tbody> </table> </div> </div>							CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	M11-GBC	16	WH	3600050C1	3600058C1	2	M58BB	16	BN	3600050C1	3600058C1	3	M57	16	OR	3600050C1	3600058C1																																
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																									
1	M11-GBC	16	WH	3600050C1	3600058C1																																																									
2	M58BB	16	BN	3600050C1	3600058C1																																																									
3	M57	16	OR	3600050C1	3600058C1																																																									
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p align="center">TURN / MARKER LIGHT (8166T) (LOCATED IN HEADLIGHT MODULE LEFT SIDE)</p>  <p align="center">CONNECTOR 3600048C1</p> </div> <div style="width: 65%;"> <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr> <td>1</td><td>M11-GAC</td><td>16</td><td>WH</td><td>3600050C1</td><td>3600058C1</td></tr> <tr> <td>2</td><td>M58AB</td><td>16</td><td>BN</td><td>3600050C1</td><td>3600058C1</td></tr> <tr> <td>3</td><td>M56</td><td>16</td><td>OR</td><td>3600050C1</td><td>3600058C1</td></tr> </tbody> </table> </div> </div>							CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	M11-GAC	16	WH	3600050C1	3600058C1	2	M58AB	16	BN	3600050C1	3600058C1	3	M56	16	OR	3600050C1	3600058C1																																
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3	M56	16	OR	3600050C1	3600058C1																																																									
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p align="center">RIGHT FOG LIGHT (8200) (LOCATED AT FORWARD END OF RIGHT FRAME RAIL)</p>  <p align="center">CONNECTOR 0587567C91</p> </div> <div style="width: 65%;"> <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr> <td>A</td><td>M64B</td><td>16</td><td>YL</td><td>0587577C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>M64-GB</td><td>16</td><td>WH</td><td>0587577C1</td><td>1652325C1</td></tr> </tbody> </table> </div> </div>							CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M64B	16	YL	0587577C1	1652325C1	B	M64-GB	16	WH	0587577C1	1652325C1																																						
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																									
A	M64B	16	YL	0587577C1	1652325C1																																																									
B	M64-GB	16	WH	0587577C1	1652325C1																																																									
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p align="center">LEFT FOG LIGHT (8201) (LOCATED AT FORWARD END OF LEFT FRAME RAIL)</p>  <p align="center">CONNECTOR 0587567C91</p> </div> <div style="width: 65%;"> <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr> <td>A</td><td>M64A</td><td>16</td><td>YL</td><td>0587577C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>M64-GA</td><td>16</td><td>WH</td><td>0587577C1</td><td>1652325C1</td></tr> </tbody> </table> </div> </div>							CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M64A	16	YL	0587577C1	1652325C1	B	M64-GA	16	WH	0587577C1	1652325C1																																						
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																									
A	M64A	16	YL	0587577C1	1652325C1																																																									
B	M64-GA	16	WH	0587577C1	1652325C1																																																									
<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <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> </td><td> </td><td> </td><td> </td><td> </td><td>U00K640</td><td>PROSTAR CIRCUIT DIAGRAM</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>59637L</td><td>08SEP06</td></tr> <tr> <td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td>PART NO.</td></tr> <tr> <td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td>AF08-55906</td></tr> <tr> <td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td>SHEET</td></tr> <tr> <td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td>95</td></tr> </table>							CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME						U00K640	PROSTAR CIRCUIT DIAGRAM						RELEASE NO.	DATE						59637L	08SEP06							PART NO.							AF08-55906							SHEET							95
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																								
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**Figure 298 Connector Composites (8166), (8166T), (8200), (8201)**

# 14.110. CONNECTOR COMPOSITES (8303), (8310), (8311), (8312), P. 96

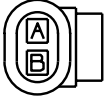
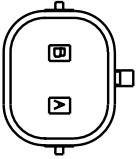
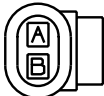
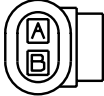
<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				<b>ELECTRICAL CIRCUIT DIAGRAM</b> <b>CHAPTER 14</b> <b>CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN</b>																																	
<p style="text-align: center;">ELECTRIC HORN (8303) (LOCATED ON LEFT FRAME RAIL UNDER ENGINE CROSSMEMBER)</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;">  <table border="1" style="font-size: 8px; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M85</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M85-GA</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> </div> <p style="margin-top: 10px;">CONNECTOR 1661778C1 BODY LOCK 1661874C1</p>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M85	16	GY	1661875C1	1661872C1	B	M85-GA	16	WH	1661875C1	1661872C1												
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																
A	M85	16	GY	1661875C1	1661872C1																																
B	M85-GA	16	WH	1661875C1	1661872C1																																
<p style="text-align: center;">DUAL ELECTRIC HORNS (8310) (LOCATED ON LEFT FRAME RAIL UNDER ENGINE CROSSMEMBER)</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;">  <table border="1" style="font-size: 8px; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M85J</td> <td>16</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M85-GC</td> <td>16</td> <td>WH</td> <td>1667742C1</td> <td>1661872C1</td> </tr> </tbody> </table> </div> <p style="margin-top: 10px;">CONNECTOR 3543888C1 BODY LOCK 1661874C1</p>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M85J	16	GY	1667742C1	1661872C1	B	M85-GC	16	WH	1667742C1	1661872C1												
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																
A	M85J	16	GY	1667742C1	1661872C1																																
B	M85-GC	16	WH	1667742C1	1661872C1																																
<p style="text-align: center;">ELECTRIC HORN # 1 (8311) (LOCATED UNDER ENGINE CROSSMEMBER)</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;">  <table border="1" style="font-size: 8px; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A•</td> <td>M85J</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>A••</td> <td>M85K</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B•</td> <td>M85-GC</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B••</td> <td>M85-GD</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <p>CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> <p>• W/ SINGLE HORN •• W/ DUAL HORN</p> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A•	M85J	16	GY	1661875C1	1661872C1	A••	M85K	16	GY	1661875C1	1661872C1	B•	M85-GC	16	WH	1661875C1	1661872C1	B••	M85-GD	16	WH	1661875C1	1661872C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																
A•	M85J	16	GY	1661875C1	1661872C1																																
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B•	M85-GC	16	WH	1661875C1	1661872C1																																
B••	M85-GD	16	WH	1661875C1	1661872C1																																
<p style="text-align: center;">ELECTRIC HORN # 2 (8312) (LOCATED UNDER ENGINE CROSSMEMBER)</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;">  <table border="1" style="font-size: 8px; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M85L</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M85-GE</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> </div> <p style="margin-top: 10px;">CONNECTOR 1661778C1 BODY LOCK 1661874C1</p>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M85L	16	GY	1661875C1	1661872C1	B	M85-GE	16	WH	1661875C1	1661872C1												
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																
A	M85L	16	GY	1661875C1	1661872C1																																
B	M85-GE	16	WH	1661875C1	1661872C1																																
CHR	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																															
CNA	2MAY07	REVISED CONNECTOR	A	60773Y	U00K640	PROSTAR CIRCUIT DIAGRAM																															
LOCATION INFORMATION					RELEASE NO. 59637L	DATE 08SEP06	PART NO. AE08-55906																														
						SHEET	96																														

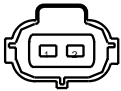
Figure 299 Connector Composites (8303), (8310), (8311), (8312)

### 14.111. CONNECTOR COMPOSITES (8350), (8351), (8410), (8450), P. 97

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>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</b> CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN			
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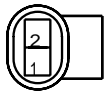
WASHER PUMP  
(8350)  
(LOCATED UNDER HOOD ON RIGHT FRAME RAIL)



CONNECTOR 3536864C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	M87C	16	GY	3536865C1	3536868C1
2	M87D	16	GY	3536865C1	3536868C1

WASHER FLUID  
LEVEL SENSOR  
(8351)  
(LOCATED UNDER HOOD ON RIGHT FRAME RAIL)

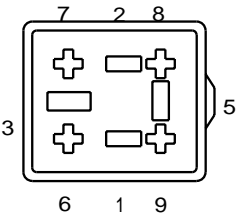


CONNECTOR 3554317C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	M87A	18	GY	3554322C1	3554318C1
2	M9BB	18	GY	3554322C1	3554318C1

COLD START ASSIST RELAY (8410)  
(W/ IBB ENGINE)

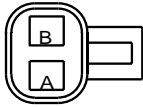


CONNECTOR 3664985C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	K21A1	12	TN	3664983C1	3664987C1
2	K21A2	12	TN	3664983C1	3664987C1
3	K14A1	8	RD	3664982C1	3664986C1
5	PLUG	-	-	3664989C1	-
6	K21B1	18	TN	3664984C1	3664988C1
7	K21B2	18	TN	3664984C1	3664988C1
8	K21B3	18	TN	3664984C1	3664988C1
9	PLUG	-	-	3664989C1	-

HOOD SWITCH  
(8450)  
(LOCATED ON UNDERSIDE OF HOOD - LEFT FRONT)



CONNECTOR 1671610C1  
BODY LOCK 1671608C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	M97H	18	VT	2033819C1	1652325C1
B	M97J	18	VT	2033819C1	1652325C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	08MAY08	ADDED CONN 8410	B	61296K	U00K640	CIRCUIT DIAGRAM, PROSTAR
					RELEASE NO.	PART NO.
					59637L	08SEP06
						AE08055906
						SHEET 097

**Figure 300 Connector Composites (8350), (8351), (8410), (8450)**

# 14.112. CONNECTOR COMPOSITES (8450A), (8450B), (8451), (8453), (8454), (8455), (8456), (8500), P. 98


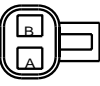

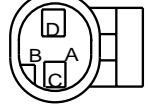
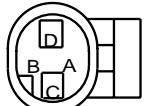


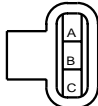
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																								
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<p>INTERCONNECT TO FORWARD HARNESS (8450A) (LOCATED ON UNDERSIDE OF HOOD - LEFT FRONT)</p> <div style="display: flex; justify-content: space-between; align-items: center;">  <table border="1" style="font-size: 8px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr><td>A</td><td>M97H</td><td>18</td><td>VT</td><td>2033911C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>M97J</td><td>18</td><td>VT</td><td>2033911C1</td><td>1652325C1</td></tr> </table> </div> <p>CONNECTOR 1671611C1 BODY LOCK 1671608C1</p>						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M97H	18	VT	2033911C1	1652325C1	B	M97J	18	VT	2033911C1	1652325C1																					
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																							
A	M97H	18	VT	2033911C1	1652325C1																																							
B	M97J	18	VT	2033911C1	1652325C1																																							
<p>ICON HOOD SWITCH (8450B) (LOCATED UNDER HOOD ON LEFT SIDE SPLASH PANEL)</p> <div style="display: flex; justify-content: space-between; align-items: center;">  <table border="1" style="font-size: 8px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr><td>A</td><td>M97H</td><td>18</td><td>VT</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>M97J</td><td>18</td><td>VT</td><td>2033819C1</td><td>1652325C1</td></tr> </table> </div> <p>CONNECTOR 1671610C1 BODY LOCK 1671608C1</p>						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M97H	18	VT	2033819C1	1652325C1	B	M97J	18	VT	2033819C1	1652325C1																					
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																							
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<p>ICON TEMP SENDER (8451) (LOCATED ON FRONT OF FRAME - LEFT SIDE)</p>  <p>CONNECTOR 3518182C1 BODY LOCK 3518184C1</p> <table border="1" style="font-size: 8px; margin-top: 5px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> <tr><td>1</td><td>M97K</td><td>18</td><td>VT</td><td>3518963C1</td></tr> <tr><td>2</td><td>M97L</td><td>18</td><td>VT</td><td>3518963C1</td></tr> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	1	M97K	18	VT	3518963C1	2	M97L	18	VT	3518963C1	<p>PARK BRAKE SWITCH (8453) (LOCATED UNDER HOOD - LEFT SIDE BY DASH PANEL)</p> <div style="display: flex; justify-content: space-between; align-items: center;">  <p>CONNECTOR 1661777C1 BODY LOCK 1661873C1</p> </div> <table border="1" style="font-size: 8px; margin-top: 5px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr><td>C</td><td>M97R</td><td>18</td><td>VT</td><td>3594831C1</td><td>1661872C1</td></tr> <tr><td>D</td><td>M97M</td><td>18</td><td>VT</td><td>3594831C1</td><td>1661872C1</td></tr> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	C	M97R	18	VT	3594831C1	1661872C1	D	M97M	18	VT	3594831C1	1661872C1						
CAV	CIR	GAUGE	COLOR	TERMINAL																																								
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2	M97L	18	VT	3518963C1																																								
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																							
C	M97R	18	VT	3594831C1	1661872C1																																							
D	M97M	18	VT	3594831C1	1661872C1																																							
<p>PARK BRAKE PRESSURE SWITCH (8454) (LOCATED UNDER HOOD - LEFT SIDE BY DASH PANEL)</p>  <p>CONNECTOR 1661777C1 BODY LOCK 1661873C1</p> <table border="1" style="font-size: 8px; margin-top: 5px;"> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr><td>C</td><td>M72EA</td><td>16</td><td>OR</td><td>3594831C1</td><td>1661872C1</td></tr> <tr><td>D</td><td>M72EB</td><td>16</td><td>OR</td><td>3594831C1</td><td>1661872C1</td></tr> </table>			CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	C	M72EA	16	OR	3594831C1	1661872C1	D	M72EB	16	OR	3594831C1	1661872C1	<p>IDLE CONTROL TEMP SENDER (8455)</p>  <p>CONNECTOR 3518182C1 BODY LOCK 3518184C1</p> <table border="1" style="font-size: 8px; margin-top: 5px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> <tr><td>1</td><td>M41-G</td><td>16</td><td>TN</td><td>3518963C1</td></tr> <tr><td>2</td><td>M41A</td><td>16</td><td>TN</td><td>3518963C1</td></tr> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	1	M41-G	16	TN	3518963C1	2	M41A	16	TN	3518963C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																							
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<p>IDLE CONTROL TEMP SENDER (8456)</p>  <p>CONNECTOR 3518182C1 BODY LOCK 3518184C1</p> <table border="1" style="font-size: 8px; margin-top: 5px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> <tr><td>1</td><td>M41-G</td><td>16</td><td>TN</td><td>3518963C1</td></tr> <tr><td>2</td><td>M41A</td><td>16</td><td>TN</td><td>3518963C1</td></tr> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	1	M41-G	16	TN	3518963C1	2	M41A	16	TN	3518963C1	<p>BENDIX LEFT ABS MODULATOR (8500) (LOCATED ON LEFT FRAME RAIL BY FRONT AXLE)</p>  <p>CONNECTOR 1686834C1 BODY LOCK 1664408C1</p> <table border="1" style="font-size: 8px; margin-top: 5px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr><td>A</td><td>M94</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>M94A</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>M94B</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M94	18	GY	2033819C1	1652325C1	B	M94A	18	GY	2033819C1	1652325C1	C	M94B	18	GY	2033819C1	1652325C1
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CIRCUIT DIAGRAM, PROSTAR																																					
RAW6	19NOV07	ADDED CONN 8455 &	B	50297W	U00K640																																							
	8456				RELEASE NO.	DATE	PART NO.																																					
					59637L	08SEP06	AE08055906																																					
							SHEET 098																																					

Figure 301 Connector Composites (8450A), (8450B), (8451), (8453), (8454), (8455), (8456), (8500)

14.113. CONNECTOR COMPOSITES (8501), (8502), (8503), (8504), P. 99

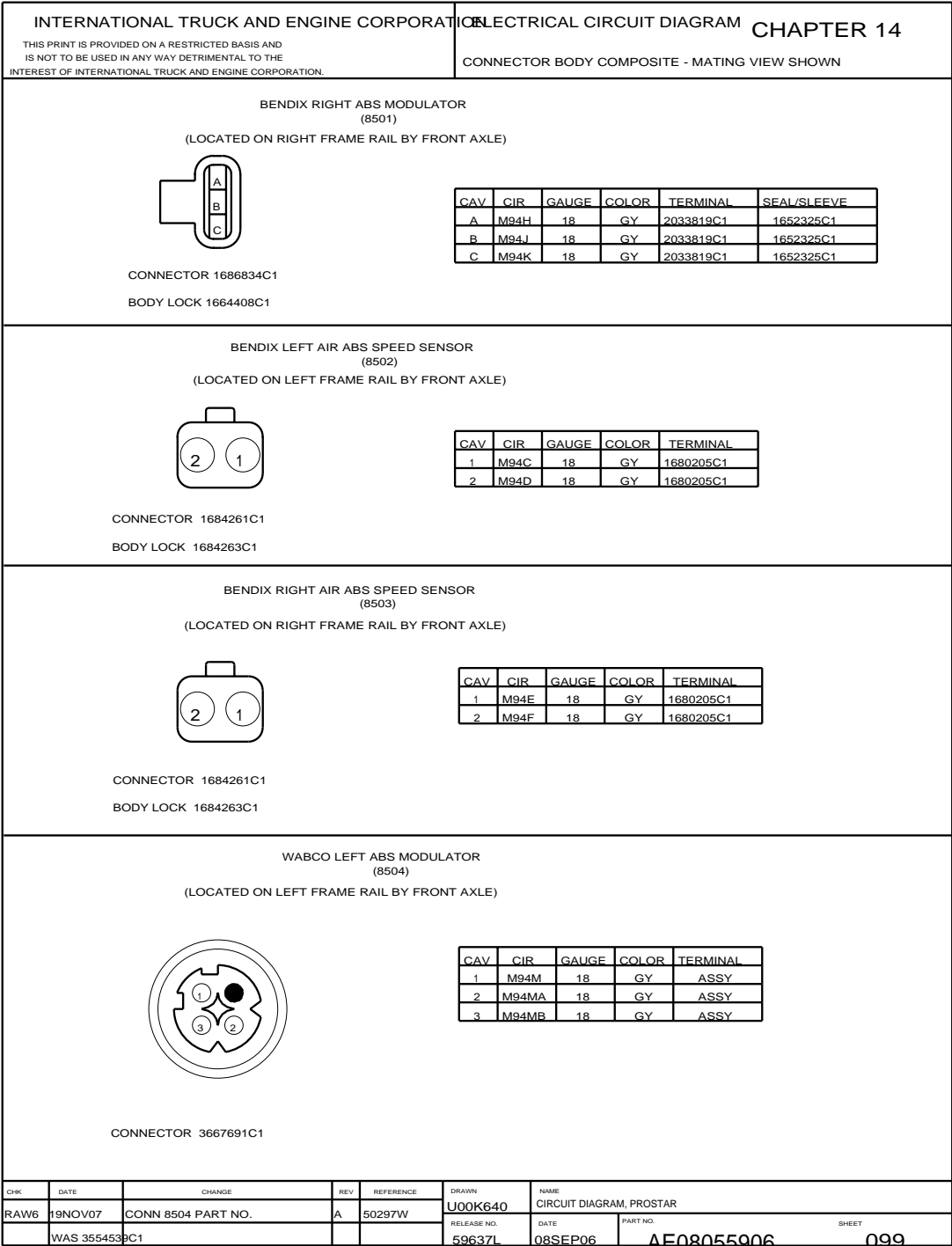


Figure 302 Connector Composites (8501), (8502), (8503), (8504)

# 14.114. CONNECTOR COMPOSITES (8505), (8506), (8507), (8550), P. 100

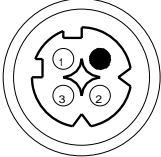
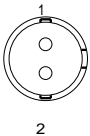
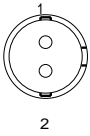
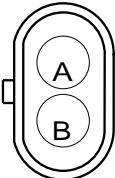
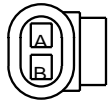
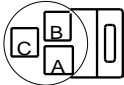
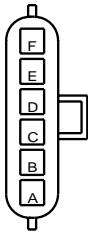
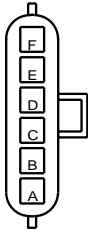
<p style="text-align: center;">INTERNATIONAL TRUCK AND ENGINE CORPORATION</p> <p style="font-size: small;">THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</p>	<p style="text-align: center;">ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</p> <p style="text-align: center;">CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN</p>																					
<div style="text-align: center;"> <p>WABCO RIGHT ABS MODULATOR (8505)</p> <p>(LOCATED ON RIGHT FRAME RAIL BY FRONT AXLE)</p>  <p>CONNECTOR 366769C1</p> </div> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M94MH</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>M94MJ</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>3</td> <td>M94MK</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERMINAL	1	M94MH	18	GY	ASSY	2	M94MJ	18	GY	ASSY	3	M94MK	18	GY	ASSY	
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<div style="text-align: center;"> <p>WABCO LEFT ABS SPEED SENSOR (8506)</p> <p>(LOCATED ON LEFT FRAME RAIL BY FRONT AXLE)</p>  <p>CONNECTOR 3519878C1</p> </div> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M94MC</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>M94MD</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERMINAL	1	M94MC	18	GY	ASSY	2	M94MD	18	GY	ASSY						
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<div style="text-align: center;"> <p>WABCO RIGHT ABS SPEED SENSOR (8507)</p> <p>(LOCATED ON RIGHT FRAME RAIL BY FRONT AXLE)</p>  <p>CONNECTOR 3526351C1</p> </div> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M94ME</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>M94MF</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERMINAL	1	M94ME	18	GY	ASSY	2	M94MF	18	GY	ASSY						
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1	M94ME	18	GY	ASSY																		
2	M94MF	18	GY	ASSY																		
<div style="text-align: center;"> <p>FUEL HEATER (8550)</p> <p>(LOCATED ON LEFT FRAME RAIL ON FUEL FILTER)</p>  <p>CONNECTOR 0587567C91</p> </div> <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M19</td> <td>14</td> <td>GY</td> <td>0587577C1</td> <td>0589391C1</td> </tr> <tr> <td>B</td> <td>M19-GA</td> <td>14</td> <td>WH</td> <td>0587577C1</td> <td>0589391C1</td> </tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M19	14	GY	0587577C1	0589391C1	B	M19-GA	14	WH	0587577C1	0589391C1			
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DATE	PART NO.	SHEET																				
08SEP06	AE08055906	100																				

Figure 303 Connector Composites (8505), (8506), (8507), (8550)

## 14.115. CONNECTOR COMPOSITES (8601), (8750), (8800), (8802), P. 101

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>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</b> CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																													
<div style="text-align: center;"> <b>HVAC TEMP SENDER (8601)</b>          (LOCATED AT FRONT OF LEFT FRAME RAIL)       </div> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>CONNECTOR 3522068C1 BODY LOCK 1661874C1</p> </div> <table border="1" style="font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M41</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M109A</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B*</td> <td>M109AA</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> <div style="text-align: center;">* W/ FRONT LOAD INDICATOR</div> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M41	18	GY	1661875C1	1661872C1	B	M109A	18	GY	1661875C1	1661872C1	B*	M109AA	18	GY	1661875C1	1661872C1																		
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<div style="text-align: center;"> <b>FRONT LOAD INDICATOR (8750)</b>          (LOCATED AT FRONT LEFT SUSPENSION AIR BAG)       </div> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>CONNECTOR 1678137C1</p> </div> <table border="1" style="font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M109AB</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>M106A</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>C</td> <td>M61</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> </tbody> </table> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	M109AB	18	GY	1651943C1	B	M106A	18	GY	1651943C1	C	M61	18	GY	1651943C1																						
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C	M61	18	GY	1651943C1																																													
<div style="text-align: center;"> <b>GROUND SPLICE PACK # 1 (8800)</b>          (LOCATED ON LEFT FRAME RAIL BY ENGINE CROSSMEMBER)       </div> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>CONNECTOR 3551896C1 BODY LOCK 3551897C1</p> </div> <table border="1" style="font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M11-GD</td> <td>12</td> <td>WH</td> <td>2033816C1</td> <td>0589390C1</td> </tr> <tr> <td>B</td> <td>M64-GA</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>M64-GB</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>D</td> <td>M19-GA</td> <td>14</td> <td>WH</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>E</td> <td>M54-GA</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>F</td> <td>M85-GA</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M11-GD	12	WH	2033816C1	0589390C1	B	M64-GA	16	WH	2033819C1	1652325C1	C	M64-GB	16	WH	2033819C1	1652325C1	D	M19-GA	14	WH	2033816C1	0589391C1	E	M54-GA	16	WH	2033819C1	1652325C1	F	M85-GA	16	WH	2033819C1	1652325C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																												
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E	M54-GA	16	WH	2033819C1	1652325C1																																												
F	M85-GA	16	WH	2033819C1	1652325C1																																												
<div style="text-align: center;"> <b>ELECTRONIC GND SPLICE PACK (8802)</b>          (LOCATED ON LEFT FRAME RAIL UNDER CAB)       </div> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>CONNECTOR 3551896C1 BODY LOCK 3551897C1</p> </div> <table border="1" style="font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N9BC</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N9BD</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>N9BE</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>D</td> <td>N9BF</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>E</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>0587579C1</td> <td>-</td> </tr> <tr> <td>F</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>0587579C1</td> <td>-</td> </tr> </tbody> </table> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N9BC	18	GY	2033819C1	1652325C1	B	N9BD	18	GY	2033819C1	1652325C1	C	N9BE	18	GY	2033819C1	1652325C1	D	N9BF	18	GY	2033819C1	1652325C1	E	PLUG	-	-	0587579C1	-	F	PLUG	-	-	0587579C1	-
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																												
A	N9BC	18	GY	2033819C1	1652325C1																																												
B	N9BD	18	GY	2033819C1	1652325C1																																												
C	N9BE	18	GY	2033819C1	1652325C1																																												
D	N9BF	18	GY	2033819C1	1652325C1																																												
E	PLUG	-	-	0587579C1	-																																												
F	PLUG	-	-	0587579C1	-																																												
<table border="1" style="width:100%; font-size: 8px;"> <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></td> <td></td> <td></td> <td></td> <td></td> <td>U00K640</td> <td>PROSTAR CIRCUIT DIAGRAM</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>59637L</td> <td>11SEP06</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>AF08-55906</td> <td>101</td> </tr> </table>								CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME						U00K640	PROSTAR CIRCUIT DIAGRAM						RELEASE NO.	DATE						59637L	11SEP06						PART NO.	SHEET						AF08-55906	101
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					AF08-55906	101																																											

**Figure 304 Connector Composites (8601), (8750), (8800), (8802)**



# 14.116. CONNECTOR COMPOSITES (8803), (8804), (8805), (8806), P. 102

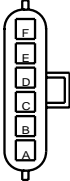
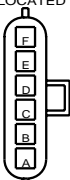
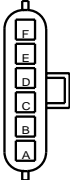
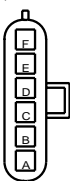
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																											
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																											
CHASSIS GND ADAPTER (8803) (LOCATED ON LEFT FRAME RAIL UNDER CAB)																																															
		<table border="1" style="width: 100%; border-collapse: collapse; font-size: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>N11-GA</td><td>10</td><td>WH</td><td>1687847C1</td><td>0589390C1</td></tr> <tr><td>B</td><td>N10-G</td><td>12</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>C</td><td>N59-GB</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>D</td><td>N37-G</td><td>18</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>E</td><td>N39-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>F</td><td>N11-GJ</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N11-GA	10	WH	1687847C1	0589390C1	B	N10-G	12	WH	2033816C1	0589391C1	C	N59-GB	16	WH	2033819C1	1652325C1	D	N37-G	18	WH	2033819C1	1652325C1	E	N39-G	16	WH	2033819C1	1652325C1	F	N11-GJ	16	WH	2033819C1	1652325C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
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F	N11-GJ	16	WH	2033819C1	1652325C1																																										
CONNECTOR 3551896C1 BODY LOCK 3551897C1																																															
CHASSIS GND ADAPTER (8804) (LOCATED ON LEFT FRAME RAIL UNDER CAB)																																															
		<table border="1" style="width: 100%; border-collapse: collapse; font-size: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>N11-GB</td><td>10</td><td>WH</td><td>1687847C1</td><td>0589390C1</td></tr> <tr><td>B</td><td>N59-G</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>C</td><td>N59-GA</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>D</td><td>N49-G</td><td>18</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>E</td><td>N65-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>F</td><td>N65-GA</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N11-GB	10	WH	1687847C1	0589390C1	B	N59-G	14	WH	2033816C1	0589391C1	C	N59-GA	14	WH	2033816C1	0589391C1	D	N49-G	18	WH	2033819C1	1652325C1	E	N65-G	16	WH	2033819C1	1652325C1	F	N65-GA	14	WH	2033816C1	0589391C1
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B	N59-G	14	WH	2033816C1	0589391C1																																										
C	N59-GA	14	WH	2033816C1	0589391C1																																										
D	N49-G	18	WH	2033819C1	1652325C1																																										
E	N65-G	16	WH	2033819C1	1652325C1																																										
F	N65-GA	14	WH	2033816C1	0589391C1																																										
CONNECTOR 3551896C1 BODY LOCK 3551897C1																																															
ELECTRONIC GROUND ADAPTER (8805) (LOCATED ON CENTER CHASSIS HARNESS, BOTTOM OF DASH PANEL)																																															
		<table border="1" style="width: 100%; border-collapse: collapse; font-size: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>N110Z</td><td>16</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>N108ZA</td><td>16</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>N108ZB</td><td>16</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>D</td><td>N108Z</td><td>16</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>E</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr> <tr><td>F</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N110Z	16	TN	2033819C1	1652325C1	B	N108ZA	16	TN	2033819C1	1652325C1	C	N108ZB	16	TN	2033819C1	1652325C1	D	N108Z	16	TN	2033819C1	1652325C1	E	PLUG	-	-	0587579C1	-	F	PLUG	-	-	0587579C1	-
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
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E	PLUG	-	-	0587579C1	-																																										
F	PLUG	-	-	0587579C1	-																																										
CONNECTOR 3551896C1 BODY LOCK 3551897C1																																															
CHASSIS GROUND ADAPTER (8806) (LOCATED ON LEFT FRAME RAIL BY AIR DRYER)																																															
		<table border="1" style="width: 100%; border-collapse: collapse; font-size: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>N107-GB</td><td>18</td><td>TN</td><td>2033819C1</td><td>3517771C1</td></tr> <tr><td>B</td><td>N107-GA</td><td>18</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>N107-GC</td><td>18</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>D</td><td>N11-GU</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>E</td><td>N11-GJ</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>F</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N107-GB	18	TN	2033819C1	3517771C1	B	N107-GA	18	TN	2033819C1	1652325C1	C	N107-GC	18	TN	2033819C1	1652325C1	D	N11-GU	16	WH	2033819C1	1652325C1	E	N11-GJ	16	WH	2033819C1	1652325C1	F	PLUG	-	-	0587579C1	-
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
A	N107-GB	18	TN	2033819C1	3517771C1																																										
B	N107-GA	18	TN	2033819C1	1652325C1																																										
C	N107-GC	18	TN	2033819C1	1652325C1																																										
D	N11-GU	16	WH	2033819C1	1652325C1																																										
E	N11-GJ	16	WH	2033819C1	1652325C1																																										
F	PLUG	-	-	0587579C1	-																																										
CONNECTOR 3551896C1 BODY LOCK 3551897C1																																															
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																									
RAW6	19NOV07	ADDED CIRC N59-GB	A	50297W	U00K640	CIRCUIT DIAGRAM, PROSTAR																																									
				RELEASE NO.	DATE	PART NO.																																									
				59637L	11SEP06	AE08055906																																									
						SHEET 102																																									

Figure 305 Connector Composites (8803), (8804), (8805), (8806)

14.117. CONNECTOR COMPOSITES (8900), (8901), (8950), (8951), P. 103

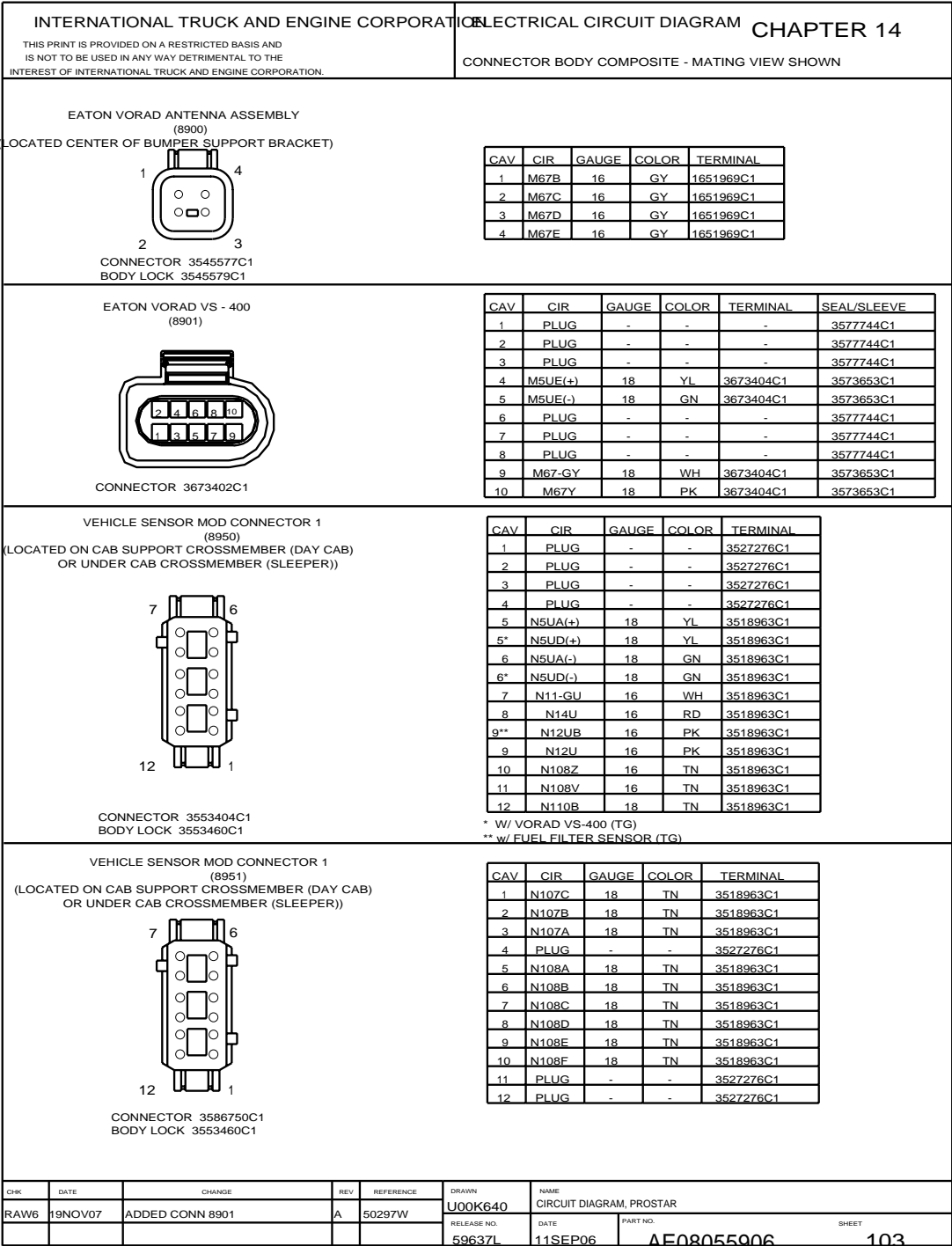


Figure 306 Connector Composites (8900), (8901), (8950), (8951)

# 14.118. CONNECTOR COMPOSITES (8952), (8953/8954M), P. 104

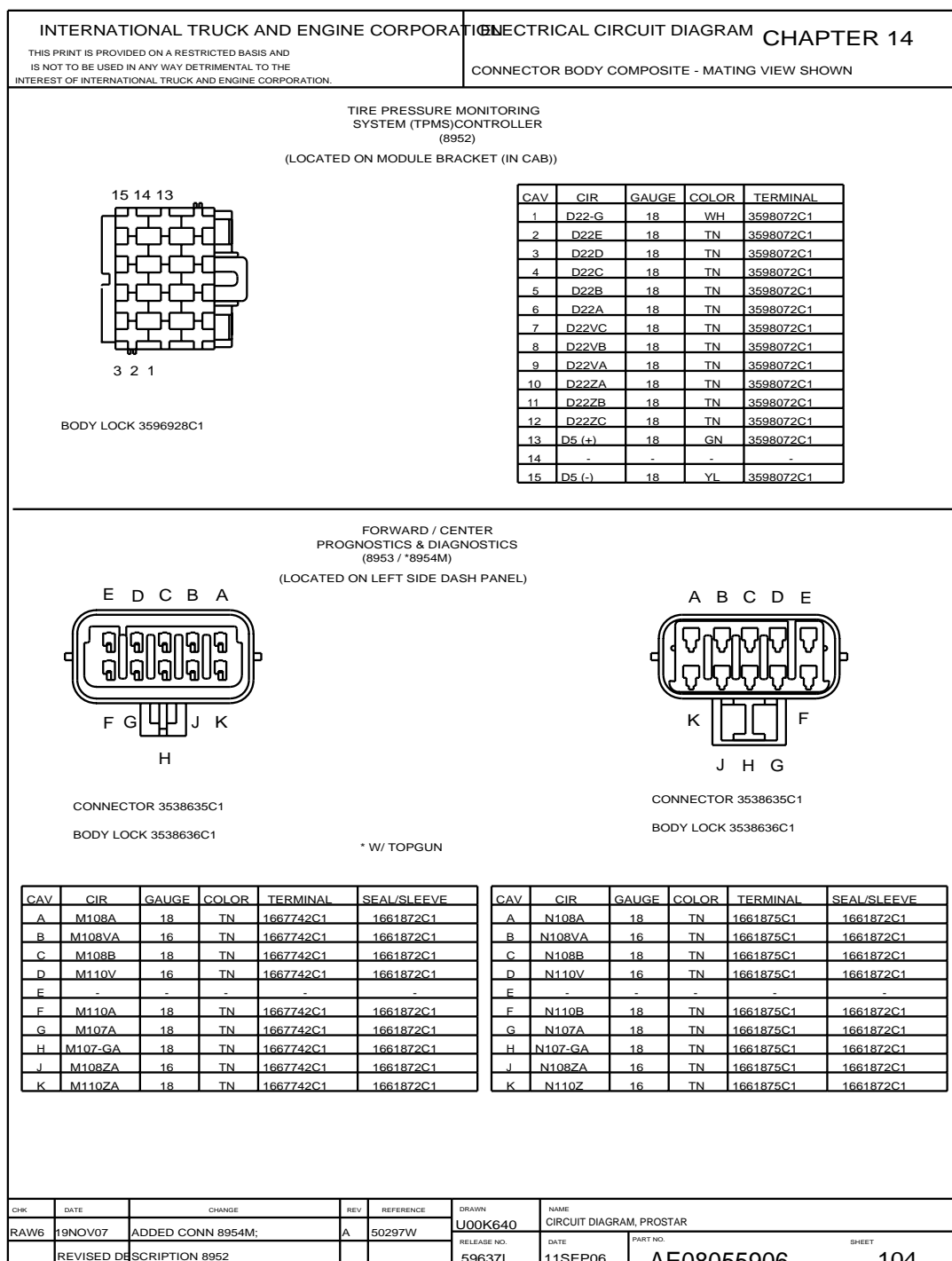
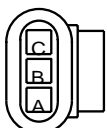
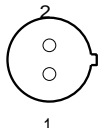
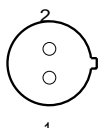
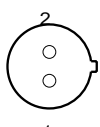


Figure 307 Connector Composites (8952), (8953/8954M)

## 14.119. CONNECTOR COMPOSITES (8954), (8960), (8961), (8962), P. 105

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>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</b> CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																							
<div style="text-align: center;"> <p>J1939 TERMINATING RESISTOR CONNECTOR (8954)</p> <p>(LOCATED ON LEFT FRAME RAIL UNDER CAB)</p>  <table border="1" style="margin-left: auto; margin-right: auto; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A*</td> <td>P5UB(+)</td> <td>18</td> <td>YL</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>A</td> <td>P5U(+)</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>P5UB(-)</td> <td>18</td> <td>GN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>C</td> <td>P5U(-)</td> <td>18</td> <td>GN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table> <p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p> <p style="text-align: right;">* W/ PROGNOSTICS &amp; DIAGNOSTICS COMMON WIRING</p> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	P5UB(+)	18	YL	1661875C1	3568570C1	A	P5U(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	C*	P5UB(-)	18	GN	1661875C1	3568570C1	C	P5U(-)	18	GN	1661875C1	3568570C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																						
A*	P5UB(+)	18	YL	1661875C1	3568570C1																																						
A	P5U(+)	18	YL	1661875C1	3568570C1																																						
B	PLUG	-	-	2025431C1	-																																						
C*	P5UB(-)	18	GN	1661875C1	3568570C1																																						
C	P5U(-)	18	GN	1661875C1	3568570C1																																						
<div style="text-align: center;"> <p>FRONT LEFT BRAKE WEAR SENSOR (8960)</p> <p>(LOCATED ON LEFT FRAME RAIL BY FRONT SUSPENSION)</p>  <table border="1" style="margin-left: auto; margin-right: auto; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>IMRFL2I</td> <td>18</td> <td>TN</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>IMRFL1I</td> <td>18</td> <td>TN</td> <td>ASSY</td> </tr> </tbody> </table> <p>CONNECTOR 3600334C1</p> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	1	IMRFL2I	18	TN	ASSY	2	IMRFL1I	18	TN	ASSY																					
CAV	CIR	GAUGE	COLOR	TERMINAL																																							
1	IMRFL2I	18	TN	ASSY																																							
2	IMRFL1I	18	TN	ASSY																																							
<div style="text-align: center;"> <p>FRONT RIGHT BRAKE WEAR SENSOR (8961)</p> <p>(LOCATED ON RIGHT FRAME RAIL BY FRONT SUSPENSION)</p>  <table border="1" style="margin-left: auto; margin-right: auto; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>IMRFR1I</td> <td>18</td> <td>TN</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>IMRFR2I</td> <td>18</td> <td>TN</td> <td>ASSY</td> </tr> </tbody> </table> <p>CONNECTOR 3600334C1</p> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	1	IMRFR1I	18	TN	ASSY	2	IMRFR2I	18	TN	ASSY																					
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1	IMRFR1I	18	TN	ASSY																																							
2	IMRFR2I	18	TN	ASSY																																							
<div style="text-align: center;"> <p>LEFT FRONT BRAKE (6X4) WEAR SENSOR (8962)</p> <p>(LOCATED ON LEFT FRAME RAIL BY FORWARD REAR AXLE)</p>  <table border="1" style="margin-left: auto; margin-right: auto; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>IRURFL1I</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>IRURFL2I</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> </tbody> </table> <p>CONNECTOR 3600334C1</p> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	1	IRURFL1I	18	BK	ASSY	2	IRURFL2I	18	BK	ASSY																					
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1	IRURFL1I	18	BK	ASSY																																							
2	IRURFL2I	18	BK	ASSY																																							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN U00K640	NAME PROSTAR CIRCUIT DIAGRAM																																					
					RELEASE NO. 59637L	DATE 11SEP06	PART NO. AF08-55906																																				
						SHEET 105																																					

**Figure 308 Connector Composites (8954), (8960), (8961), (8962)**

# 14.120. CONNECTOR COMPOSITES (8963), (8964), (8965), (8966), (8967), P. 106

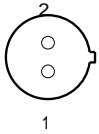
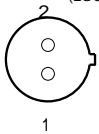
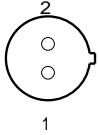
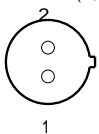
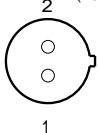

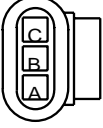


INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																
<p>RIGHT FRONT BRAKE (6X4) WEAR SENSOR (8963)</p> <p>(LOCATED ON RIGHT FRAME RAIL BY FORWARD REAR AXLE)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>[RURFR1]</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>[RURFR2]</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 3600334C1</p>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	[RURFR1]	18	BK	ASSY	2	[RURFR2]	18	BK	ASSY
CAV	CIR	GAUGE	COLOR	TERMINAL																
1	[RURFR1]	18	BK	ASSY																
2	[RURFR2]	18	BK	ASSY																
<p>LEFT REAR BRAKE (6X4) WEAR SENSOR (8964)</p> <p>(LOCATED ON LEFT FRAME RAIL BY REAR REAR AXLE)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>[RURRL1]</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>[RURRL2]</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 3600334C1</p>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	[RURRL1]	18	BK	ASSY	2	[RURRL2]	18	BK	ASSY
CAV	CIR	GAUGE	COLOR	TERMINAL																
1	[RURRL1]	18	BK	ASSY																
2	[RURRL2]	18	BK	ASSY																
<p>RIGHT REAR BRAKE (6X4) WEAR SENSOR (8965)</p> <p>(LOCATED ON RIGHT FRAME RAIL BY REAR REAR AXLE)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>[RURRR1]</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>[RURRR2]</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 3600334C1</p>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	[RURRR1]	18	BK	ASSY	2	[RURRR2]	18	BK	ASSY
CAV	CIR	GAUGE	COLOR	TERMINAL																
1	[RURRR1]	18	BK	ASSY																
2	[RURRR2]	18	BK	ASSY																
<p>LEFT REAR (4X2) WEAR SENSOR (8966)</p> <p>(LOCATED ON LEFT FRAME BY REAR AXLE)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>[RTRRL1]</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>[RTRRL2]</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 3600334C1</p>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	[RTRRL1]	18	BK	ASSY	2	[RTRRL2]	18	BK	ASSY
CAV	CIR	GAUGE	COLOR	TERMINAL																
1	[RTRRL1]	18	BK	ASSY																
2	[RTRRL2]	18	BK	ASSY																
<p>REAR BRAKE (4X2) WEAR SENSOR (8967)</p> <p>(LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>[RTRRR1]</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>[RTRRR2]</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 3600334C1</p>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	[RTRRR1]	18	BK	ASSY	2	[RTRRR2]	18	BK	ASSY
CAV	CIR	GAUGE	COLOR	TERMINAL																
1	[RTRRR1]	18	BK	ASSY																
2	[RTRRR2]	18	BK	ASSY																
CHK	DATE	CHANGE	REV	REFERENCE	<div style="display: flex; justify-content: space-between;"> <div> DRAWN U00K640 RELEASE NO. 59637L </div> <div> NAME PROSTAR CIRCUIT DIAGRAM DATE 11SEP06 PART NO. AF08-55906 </div> <div style="text-align: right;"> SHEET 106 </div> </div>															

Figure 309 Connector Composites (8963), (8964), (8965), (8966), (8967)

## 14.121. CONNECTOR COMPOSITES (8970), (8971), (8972), (8973), P. 107

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>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</b> CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																															
<div style="text-align: center;"> <b>FRONT LEFT BRAKE STROKE (8970)</b>          (LOCATED ON LEFT FRAME RAIL BY FRONT AXLE)       </div> <div style="display: flex; justify-content: space-around; align-items: flex-start; margin-top: 10px;"> <div style="text-align: center;">  </div> <table border="1" style="border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M108VD</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M108ZD</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>M108A</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> </div> <div style="margin-top: 10px;">       CONNECTOR 1667741C1        BODY LOCK 1667771C1     </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M108VD	18	TN	1661875C1	1661872C1	B	M108ZD	18	TN	1661875C1	1661872C1	C	M108A	18	TN	1661875C1	1661872C1				
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																														
A	M108VD	18	TN	1661875C1	1661872C1																														
B	M108ZD	18	TN	1661875C1	1661872C1																														
C	M108A	18	TN	1661875C1	1661872C1																														
<div style="text-align: center;"> <b>FRONT RIGHT BRAKE STROKE (8971)</b>          (LOCATED ON RIGHT FRAME RAIL BY FRONT AXLE)       </div> <div style="display: flex; justify-content: space-around; align-items: flex-start; margin-top: 10px;"> <div style="text-align: center;">  </div> <table border="1" style="border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M108VC</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M108ZC</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>M108B</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> </div> <div style="margin-top: 10px;">       CONNECTOR 1667741C1        BODY LOCK 1667771C1     </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M108VC	18	TN	1661875C1	1661872C1	B	M108ZC	18	TN	1661875C1	1661872C1	C	M108B	18	TN	1661875C1	1661872C1				
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																														
A	M108VC	18	TN	1661875C1	1661872C1																														
B	M108ZC	18	TN	1661875C1	1661872C1																														
C	M108B	18	TN	1661875C1	1661872C1																														
<div style="text-align: center;"> <b>LEFT FR BRAKE STROKE (6X4) (8972)</b>          (LOCATED ON LEFT FRAME RAIL BY FORWARD REAR AXLE)       </div> <div style="display: flex; justify-content: space-around; align-items: flex-start; margin-top: 10px;"> <div style="text-align: center;">  </div> <table border="1" style="border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R108VE</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>R108ZF</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>R108E</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> </div> <div style="margin-top: 10px;">       CONNECTOR 1667741C1        BODY LOCK 1667771C1     </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R108VE	18	TN	1661875C1	1661872C1	B	R108ZF	18	TN	1661875C1	1661872C1	C	R108E	18	TN	1661875C1	1661872C1				
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																														
A	R108VE	18	TN	1661875C1	1661872C1																														
B	R108ZF	18	TN	1661875C1	1661872C1																														
C	R108E	18	TN	1661875C1	1661872C1																														
<div style="text-align: center;"> <b>RIGHT FR BRAKE STROKE (6X4) (8973)</b>          (LOCATED ON RIGHT FRAME RAIL BY FORWARD REAR AXLE)       </div> <div style="display: flex; justify-content: space-around; align-items: flex-start; margin-top: 10px;"> <div style="text-align: center;">  </div> <table border="1" style="border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R108VL</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>R108ZL</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>R108F</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> </div> <div style="margin-top: 10px;">       CONNECTOR 1667741C1        BODY LOCK 1667771C1     </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R108VL	18	TN	1661875C1	1661872C1	B	R108ZL	18	TN	1661875C1	1661872C1	C	R108F	18	TN	1661875C1	1661872C1				
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																														
A	R108VL	18	TN	1661875C1	1661872C1																														
B	R108ZL	18	TN	1661875C1	1661872C1																														
C	R108F	18	TN	1661875C1	1661872C1																														
<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.7em;"> <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> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td>U00K640</td> <td>PROSTAR CIRCUIT DIAGRAM</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td>RELEASE NO.</td> <td>PART NO.</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td>59637L</td> <td>AF08-55906</td> </tr> </table> <div style="text-align: right; margin-top: 5px;">       SHEET 107     </div>								CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME						U00K640	PROSTAR CIRCUIT DIAGRAM						RELEASE NO.	PART NO.						59637L	AF08-55906
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																													
					U00K640	PROSTAR CIRCUIT DIAGRAM																													
					RELEASE NO.	PART NO.																													
					59637L	AF08-55906																													

**Figure 310 Connector Composites (8970), (8971), (8972), (8973)**

## 14.122. CONNECTOR COMPOSITES (8974), (8975), (8976), (8977), P. 108



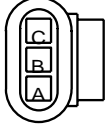
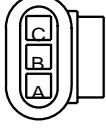
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																											
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																											
<div style="text-align: center;"> <p>LEFT REAR BRAKE STROKE (6X4) (8974) (LOCATED ON LEFT FRAME RAIL BY REAR REAR AXLE)</p>  </div> <div style="margin-top: 10px;"> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R108VH</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>R108ZH</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>R108CA</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> </div> <div style="margin-top: 10px;"> <p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p> </div>						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R108VH	18	TN	1661875C1	1661872C1	B	R108ZH	18	TN	1661875C1	1661872C1	C	R108CA	18	TN	1661875C1	1661872C1																		
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
A	R108VH	18	TN	1661875C1	1661872C1																																										
B	R108ZH	18	TN	1661875C1	1661872C1																																										
C	R108CA	18	TN	1661875C1	1661872C1																																										
<div style="text-align: center;"> <p>RIGHT REAR BRAKE STROKE (6X4) (8975) (LOCATED ON RIGHT FRAME RAIL BY REAR REAR AXLE)</p>  </div> <div style="margin-top: 10px;"> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R108VJ</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>R108ZJ</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>R108DA</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> </div> <div style="margin-top: 10px;"> <p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p> </div>						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R108VJ	18	TN	1661875C1	1661872C1	B	R108ZJ	18	TN	1661875C1	1661872C1	C	R108DA	18	TN	1661875C1	1661872C1																		
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
A	R108VJ	18	TN	1661875C1	1661872C1																																										
B	R108ZJ	18	TN	1661875C1	1661872C1																																										
C	R108DA	18	TN	1661875C1	1661872C1																																										
<div style="text-align: center;"> <p>LEFT REAR BRAKE STROKE (4X2) (8976) (LOCATED ON LEFT FRAME RAIL BY REAR AXLE)</p>  </div> <div style="margin-top: 10px;"> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R108VF</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>R108ZF</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>R108C</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> </div> <div style="margin-top: 10px;"> <p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p> </div>						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R108VF	18	TN	1661875C1	1661872C1	B	R108ZF	18	TN	1661875C1	1661872C1	C	R108C	18	TN	1661875C1	1661872C1																		
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
A	R108VF	18	TN	1661875C1	1661872C1																																										
B	R108ZF	18	TN	1661875C1	1661872C1																																										
C	R108C	18	TN	1661875C1	1661872C1																																										
<div style="text-align: center;"> <p>RIGHT REAR BRAKE STROKE (4X2) (8977) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>  </div> <div style="margin-top: 10px;"> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R108VK</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>R108ZK</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>R108D</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> </div> <div style="margin-top: 10px;"> <p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p> </div>						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R108VK	18	TN	1661875C1	1661872C1	B	R108ZK	18	TN	1661875C1	1661872C1	C	R108D	18	TN	1661875C1	1661872C1																		
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
A	R108VK	18	TN	1661875C1	1661872C1																																										
B	R108ZK	18	TN	1661875C1	1661872C1																																										
C	R108D	18	TN	1661875C1	1661872C1																																										
<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>U00K640</td> <td>PROSTAR CIRCUIT DIAGRAM</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>59637L</td> <td>11SEP06</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>AF08-55906</td> <td>108</td> </tr> </tbody> </table>						CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME						U00K640	PROSTAR CIRCUIT DIAGRAM						RELEASE NO.	DATE						59637L	11SEP06						PART NO.	SHEET						AF08-55906	108
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																									
					U00K640	PROSTAR CIRCUIT DIAGRAM																																									
					RELEASE NO.	DATE																																									
					59637L	11SEP06																																									
					PART NO.	SHEET																																									
					AF08-55906	108																																									

Figure 311 Connector Composites (8974), (8975), (8976), (8977)

14.123. CONNECTOR COMPOSITES (8980), (8981), (8982), P. 109

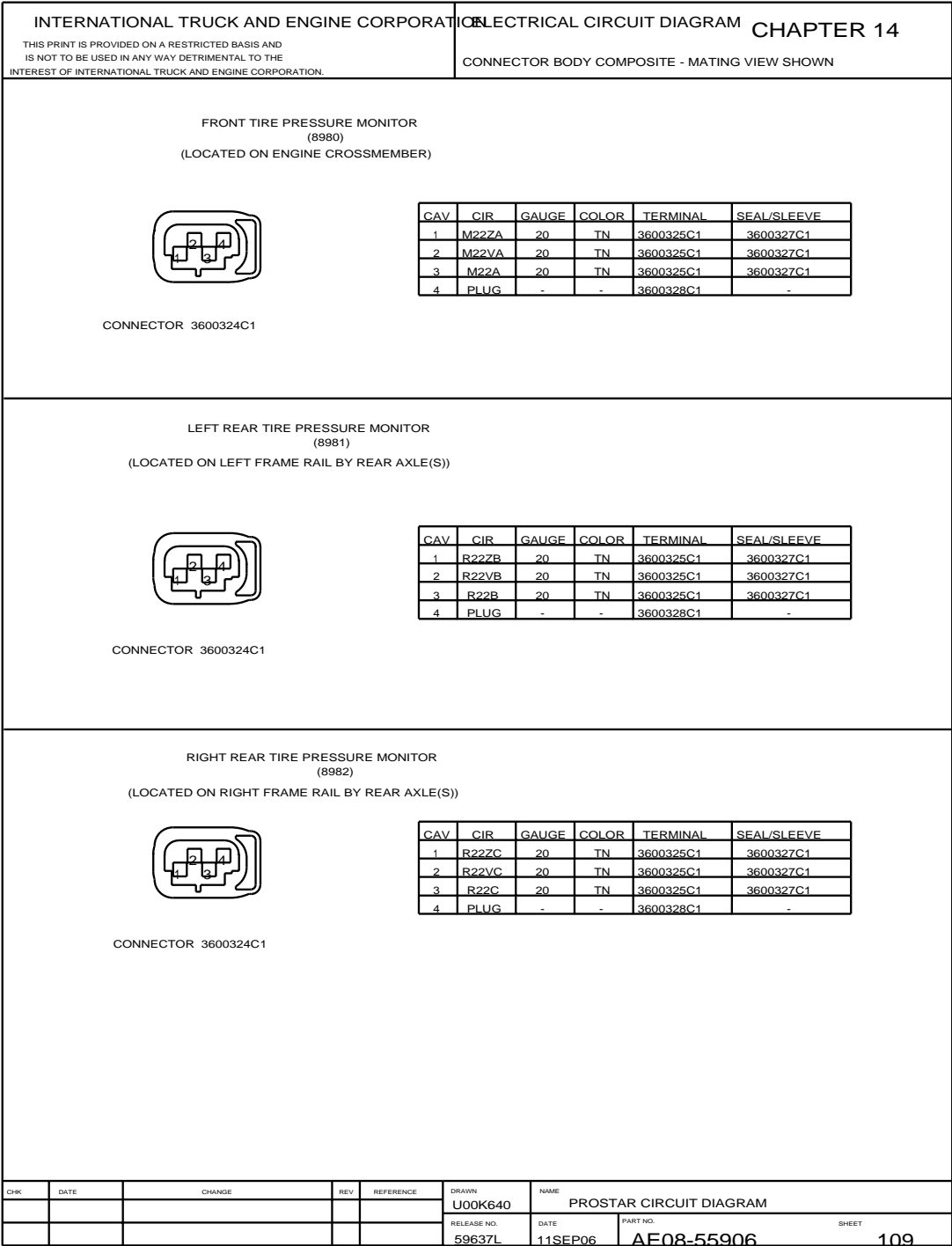


Figure 312 Connector Composites (8980), (8981), (8982)

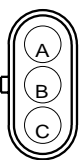


# 14.124. CONNECTOR COMPOSITES (8990), (9100), (9102), P. 110

<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 14</p> <p>CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN</p>
---	--

EYEMAX FUEL FILTER SENSOR  
(8990)  
(LOCATED ON FUEL FILTER - LEFT SIDE UNDER HOOD)




CONNECTOR 0587569C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	M110A	18	TN	0587578C1	1652325C1
B	M110ZA	18	TN	0587578C1	1652325C1
C	M110V	18	TN	0587577C1	1652325C1

LEFT FUEL SENDER  
(9100)  
(LOCATED ON LEFT SIDE FUEL TANK)




CONNECTOR 1661778C1  
BODY LOCK 1661874C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N36A	18	TN	1661875C1	1661872C1
B	N9BE	18	GY	1661875C1	1661872C1

FUEL TRANSFER  
(9102)  
(LOCATED ON FUEL PUMP - TOP OF BELL HOUSING)



CONNECTOR 3522068C1  
BODY LOCK 1661874C1

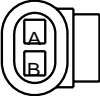
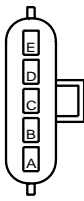
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N37-G	18	WH	1661875C1	1661872C1
B	N37A	18	TN	1661875C1	1661872C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					U00K640	PROSTAR CIRCUIT DIAGRAM
					RELEASE NO.	DATE
					59637L	11SEP06
					PART NO.	SHEET
					AF08-55906	110

Figure 313 Connector Composites (8990), (9100), (9102)

## 14.125. CONNECTOR COMPOSITES (9103), (9303), (9304), P. 111

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>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</b> CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																							
<div style="text-align: center; margin-bottom: 20px;"> <b>RIGHT FUEL SENDER (9103)</b>          (LOCATED ON RIGHT SIDE FUEL TANK)       </div> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>CONNECTOR 1661778C1 BODY LOCK 1661874C1</p> </div> <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N36B</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>N9BD</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N36B	18	TN	1661875C1	1661872C1	B	N9BD	18	GY	1661875C1	1661872C1																		
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																						
A	N36B	18	TN	1661875C1	1661872C1																																						
B	N9BD	18	GY	1661875C1	1661872C1																																						
<div style="text-align: center; margin-bottom: 20px;"> <b>STOP TAIL AND TURN (9303 - COMMON BASE (6x4)) (9304 - COMMON BASE - TOPGUN (6x4))</b>          (LOCATED AT REAR END OF LEFT FRAME RAIL)       </div> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>CONNECTOR 1661375C2 BODY LOCK 1661376C1</p> </div> <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R71BA</td> <td>12</td> <td>OR</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>B</td> <td>R56A</td> <td>14</td> <td>OR</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>C</td> <td>R57A</td> <td>14</td> <td>OR</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>D</td> <td>R68A</td> <td>14</td> <td>BN</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>E</td> <td>R10-G</td> <td>12</td> <td>WH</td> <td>2033816C1</td> <td>0589391C1</td> </tr> </tbody> </table> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R71BA	12	OR	2033816C1	0589391C1	B	R56A	14	OR	2033816C1	0589391C1	C	R57A	14	OR	2033816C1	0589391C1	D	R68A	14	BN	2033816C1	0589391C1	E	R10-G	12	WH	2033816C1	0589391C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																						
A	R71BA	12	OR	2033816C1	0589391C1																																						
B	R56A	14	OR	2033816C1	0589391C1																																						
C	R57A	14	OR	2033816C1	0589391C1																																						
D	R68A	14	BN	2033816C1	0589391C1																																						
E	R10-G	12	WH	2033816C1	0589391C1																																						
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																					
RAW6	19NOV07	CIRC R71BA GAUGE WAS	A	50297W	U00K640	CIRCUIT DIAGRAM, PROSTAR																																					
	14				RELEASE NO. 59637L	DATE 11SEP06	PART NO. AE08055906																																				
						SHEET 111																																					

**Figure 314 Connector Composites (9103), (9303), (9304)**

# 14.126. CONNECTOR COMPOSITES (9501), (9502), (9503), (9504), P. 112


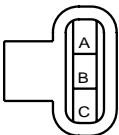

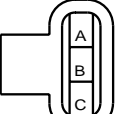
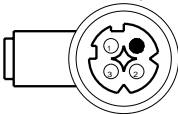

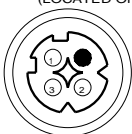


INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																											
<div style="text-align: center;"> <p>BENDIX LEFT WHEEL SPEED SENSOR (4X2) (9501) (LOCATED ON LEFT FRAME RAIL BY REAR AXLE)</p>  <p>CONNECTOR 1684261C1 BODY LOCK 1684263C1</p> </div> <table border="1" style="margin-left: auto; margin-right: auto; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94BD</td> <td>16</td> <td>GY</td> <td>1680205C1</td> <td>1652325C1</td> </tr> <tr> <td>2</td> <td>R94BE</td> <td>16</td> <td>GY</td> <td>1680205C1</td> <td>1652325C1</td> </tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	R94BD	16	GY	1680205C1	1652325C1	2	R94BE	16	GY	1680205C1	1652325C1						
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
1	R94BD	16	GY	1680205C1	1652325C1																										
2	R94BE	16	GY	1680205C1	1652325C1																										
<div style="text-align: center;"> <p>BENDIX LEFT REAR MODULATOR (9502) (LOCATED ON LEFT FRAME RAIL BY REAR AXLE)</p>  <p>CONNECTOR 1686834C1 BODY LOCK 1664408C1</p> </div> <table border="1" style="margin-left: auto; margin-right: auto; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</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>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> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94BA	16	GY	2033819C1	1652325C1	B	R94BB	16	GY	2033819C1	1652325C1	C	R94BC	16	GY	2033819C1	1652325C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
A	R94BA	16	GY	2033819C1	1652325C1																										
B	R94BB	16	GY	2033819C1	1652325C1																										
C	R94BC	16	GY	2033819C1	1652325C1																										
<div style="text-align: center;"> <p>BENDIX RIGHT WHEEL SPEED SENSOR (9503) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>  <p>CONNECTOR 1684261C1 BODY LOCK 1684263C1</p> </div> <table border="1" style="margin-left: auto; margin-right: auto; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94BF</td> <td>16</td> <td>GY</td> <td>1680205C1</td> <td></td> </tr> <tr> <td>2</td> <td>R94BH</td> <td>16</td> <td>GY</td> <td>1680205C1</td> <td></td> </tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	R94BF	16	GY	1680205C1		2	R94BH	16	GY	1680205C1							
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
1	R94BF	16	GY	1680205C1																											
2	R94BH	16	GY	1680205C1																											
<div style="text-align: center;"> <p>BENDIX RIGHT MODULATOR (9504) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>  <p>CONNECTOR 1686834C1 BODY LOCK 1664408C1</p> </div> <table border="1" style="margin-left: auto; margin-right: auto; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R94BJ</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R94BK</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R94BL</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94BJ	16	GY	2033819C1	1652325C1	B	R94BK	16	GY	2033819C1	1652325C1	C	R94BL	16	GY	2033819C1	1652325C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																										
A	R94BJ	16	GY	2033819C1	1652325C1																										
B	R94BK	16	GY	2033819C1	1652325C1																										
C	R94BL	16	GY	2033819C1	1652325C1																										
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																									
					U00K640	PROSTAR CIRCUIT DIAGRAM																									
					RELEASE NO.	DATE	PART NO.																								
					59637L	11SEP06	AF08-55906																								
						SHEET	112																								

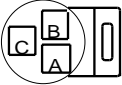
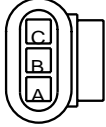
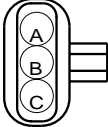
Figure 315 Connector Composites (9501), (9502), (9503), (9504)

## 14.127. CONNECTOR COMPOSITES (9505), (9506), (9507), (9508), (9509), P. 113

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>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</b> CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																							
<b>BENDIX AUTO TRACTION CONTROL (9505)</b> (LOCATED ON CROSSMEMBER AT REAR AXLE(S))																											
				<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>1</td> <td>R94BM</td> <td>16</td> <td>GY</td> <td>3518961C1</td> </tr> <tr> <td>2</td> <td>R94BN</td> <td>16</td> <td>GY</td> <td>3518961C1</td> </tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	1	R94BM	16	GY	3518961C1	2	R94BN	16	GY	3518961C1					
CAV	CIR	GAUGE	COLOR	TERMINAL																							
1	R94BM	16	GY	3518961C1																							
2	R94BN	16	GY	3518961C1																							
CONNECTOR 3518183C1 BODY LOCK 3518174C1																											
<b>WABCO LEFT WHEEL SPEED SENSOR (9506)</b> (LOCATED ON LEFT FRAME RAIL BY REAR AXLE)																											
				<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>1</td> <td>R94MBD</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>R94MBE</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	1	R94MBD	18	GY	ASSY	2	R94MBE	18	GY	ASSY					
CAV	CIR	GAUGE	COLOR	TERMINAL																							
1	R94MBD	18	GY	ASSY																							
2	R94MBE	18	GY	ASSY																							
CONNECTOR 3519878C1																											
<b>WABCO LEFT MODULATOR (9507)</b> (LOCATED ON LEFT FRAME RAIL BY REAR AXLE)																											
				<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>1</td> <td>R94MBA</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>R94MBB</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>3</td> <td>R94MBC</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	1	R94MBA	18	GY	ASSY	2	R94MBB	18	GY	ASSY	3	R94MBC	18	GY	ASSY
CAV	CIR	GAUGE	COLOR	TERMINAL																							
1	R94MBA	18	GY	ASSY																							
2	R94MBB	18	GY	ASSY																							
3	R94MBC	18	GY	ASSY																							
CONNECTOR 3667691C1																											
<b>WABCO RIGHT WHEEL SPEED SENSOR (9508)</b> (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)																											
				<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>1</td> <td>R94MBF</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>R94MBH</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	1	R94MBF	18	GY	ASSY	2	R94MBH	18	GY	ASSY					
CAV	CIR	GAUGE	COLOR	TERMINAL																							
1	R94MBF	18	GY	ASSY																							
2	R94MBH	18	GY	ASSY																							
CONNECTOR 3519878C1																											
<b>WABCO RIGHT WHEEL MODULATOR (9509)</b> (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)																											
				<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>1</td> <td>R94MBJ</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>R94MBK</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>3</td> <td>R94MBL</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	1	R94MBJ	18	GY	ASSY	2	R94MBK	18	GY	ASSY	3	R94MBL	18	GY	ASSY
CAV	CIR	GAUGE	COLOR	TERMINAL																							
1	R94MBJ	18	GY	ASSY																							
2	R94MBK	18	GY	ASSY																							
3	R94MBL	18	GY	ASSY																							
CONNECTOR 3667691C1																											
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																					
RAW6	19NOV07	REVISED CONN PART NO.	A	50297W	U00K640	CIRCUIT DIAGRAM, PROSTAR																					
		FOR 9507 & 9509			RELEASE NO.	DATE	PART NO.																				
					59637L	11SEP06	AE08055906																				
						SHEET	113																				



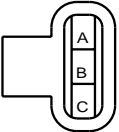


**Figure 316 Connector Composites (9505), (9506), (9507), (9508), (9509)**

**14.128. CONNECTOR COMPOSITES (9510), (9510F), (9510M), P. 114**

<div style="text-align: center;"><p>INTERNATIONAL TRUCK AND ENGINE CORPORATION</p><p><small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small></p></div>	<div style="text-align: right;"><p>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</p><p>CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN</p></div>																																																
<div style="text-align: center;"><p>ABS6 PRESSURE SENSOR (9510)</p><p>(LOCATED ON REAR SUSPENSION AIR BAG: LEFT SIDE (6X4) RIGHT SIDE (4X2))</p></div> <div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"><p>CONNECTOR 1678137C1</p></div><table border="1" style="border-collapse: collapse; text-align: center;"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>R94SZC</td><td>18</td><td>GY</td><td>1651943C1</td></tr><tr><td>B</td><td>R94SVC</td><td>18</td><td>GY</td><td>1651943C1</td></tr><tr><td>C</td><td>R94SH</td><td>18</td><td>GY</td><td>1651943C1</td></tr></tbody></table></div>		CAV	CIR	GAUGE	COLOR	TERMINAL	A	R94SZC	18	GY	1651943C1	B	R94SVC	18	GY	1651943C1	C	R94SH	18	GY	1651943C1																												
CAV	CIR	GAUGE	COLOR	TERMINAL																																													
A	R94SZC	18	GY	1651943C1																																													
B	R94SVC	18	GY	1651943C1																																													
C	R94SH	18	GY	1651943C1																																													
<div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"><p>ABS6 PRESSURE SENSOR (LOCATED ON LEFT FRAME RAIL, BACK OF CAB)</p><p>(9510F)</p><p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p></div><div style="text-align: center;"><p>(9510M)</p><p>CONNECTOR 1667740C1 BODY LOCK 1667771C1</p></div></div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"><table border="1" style="border-collapse: collapse; text-align: center;"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>N94SZC</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr><tr><td>B</td><td>N94SVC</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><table border="1" style="border-collapse: collapse; text-align: center;"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>R94SZC</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr><tr><td>B</td><td>R94SVC</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr><tr><td>C</td><td>R94SH</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr></tbody></table></div>		CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N94SZC	16	GY	1661875C1	1661872C1	B	N94SVC	16	GY	1661875C1	1661872C1	C	N94SH	16	GY	1661875C1	1661872C1	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94SZC	18	GY	1667742C1	1661872C1	B	R94SVC	18	GY	1667742C1	1661872C1	C	R94SH	18	GY	1667742C1	1661872C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																												
A	N94SZC	16	GY	1661875C1	1661872C1																																												
B	N94SVC	16	GY	1661875C1	1661872C1																																												
C	N94SH	16	GY	1661875C1	1661872C1																																												
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																												
A	R94SZC	18	GY	1667742C1	1661872C1																																												
B	R94SVC	18	GY	1667742C1	1661872C1																																												
C	R94SH	18	GY	1667742C1	1661872C1																																												

**Figure 317 Connector Composites (9510), (9510F), (9510M)**

## 14.129. CONNECTOR COMPOSITES (9511), (9512), (9513), (9514), (9515), P. 115

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>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</b> CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																	
<div style="text-align: center;"> <b>YAW SENSOR (9511)</b>          (LOCATED ON CAB SUPPORT CROSSMEMBER (DAYCAB), BEHIND CAB CROSSMEMBER (SLEEPER))       </div> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N94SAB</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3601687C1</td> </tr> <tr> <td>2</td> <td>N94SCB</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3601687C1</td> </tr> <tr> <td>3</td> <td>N94SBB</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3601687C1</td> </tr> <tr> <td>4</td> <td>N94SDB</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3601687C1</td> </tr> </tbody> </table> </div> <div style="text-align: center; margin-top: 5px;"> <b>CONNECTOR 3601685C1</b> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	N94SAB	18	GY	3601686C1	3601687C1	2	N94SCB	18	GY	3601686C1	3601687C1	3	N94SBB	18	GY	3601686C1	3601687C1	4	N94SDB	18	GY	3601686C1	3601687C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																
1	N94SAB	18	GY	3601686C1	3601687C1																																
2	N94SCB	18	GY	3601686C1	3601687C1																																
3	N94SBB	18	GY	3601686C1	3601687C1																																
4	N94SDB	18	GY	3601686C1	3601687C1																																
<div style="text-align: center;"> <b>BENDIX AUTO TRACTION CONTROL (9512)</b>          (LOCATED ON LEFT FRAME RAIL UNDER CAB)       </div> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N94SJ</td> <td>16</td> <td>GY</td> <td>3518961C1</td> </tr> <tr> <td>2</td> <td>N94SK</td> <td>16</td> <td>GY</td> <td>3518961C1</td> </tr> </tbody> </table> </div> <div style="text-align: center; margin-top: 5px;"> <b>CONNECTOR 3518183C1</b>  <b>BODY LOCK 3518174C1</b> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	1	N94SJ	16	GY	3518961C1	2	N94SK	16	GY	3518961C1															
CAV	CIR	GAUGE	COLOR	TERMINAL																																	
1	N94SJ	16	GY	3518961C1																																	
2	N94SK	16	GY	3518961C1																																	
<div style="text-align: center;"> <b>BENDIX TRAILER MODULATOR (9513)</b>          (LOCATED ON LEFT FRAME RAIL UNDER CAB)       </div> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N94SM</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N94SN</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>N94SL</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> </div> <div style="text-align: center; margin-top: 5px;"> <b>CONNECTOR 1686834C1</b>  <b>BODY LOCK 1664408C1</b> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N94SM	16	GY	2033819C1	1652325C1	B	N94SN	16	GY	2033819C1	1652325C1	C	N94SL	16	GY	2033819C1	1652325C1						
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																
A	N94SM	16	GY	2033819C1	1652325C1																																
B	N94SN	16	GY	2033819C1	1652325C1																																
C	N94SL	16	GY	2033819C1	1652325C1																																
<div style="text-align: center;"> <b>WABCO RSC CONNENCTOR (9514)</b>          (LOCATED ON LEFT FRAME RAIL UNDER CAB)       </div> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N94SJ</td> <td>16</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>N94SK</td> <td>16</td> <td>GY</td> <td>ASSY</td> </tr> </tbody> </table> </div> <div style="text-align: center; margin-top: 5px;"> <b>CONNECTOR 3567225C1</b> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	1	N94SJ	16	GY	ASSY	2	N94SK	16	GY	ASSY															
CAV	CIR	GAUGE	COLOR	TERMINAL																																	
1	N94SJ	16	GY	ASSY																																	
2	N94SK	16	GY	ASSY																																	
<div style="text-align: center;"> <b>WABCO AUTO TRACTION CONTROL SOLENOID (9515)</b>          (LOCATED ON CROSSMEMBER BY REAR AXLE(S))       </div> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94MBM</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>R94MBN</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> </tbody> </table> </div> <div style="text-align: center; margin-top: 5px;"> <b>CONNECTOR 3567225C1</b> </div>								CAV	CIR	GAUGE	COLOR	TERMINAL	1	R94MBM	18	GY	ASSY	2	R94MBN	18	GY	ASSY															
CAV	CIR	GAUGE	COLOR	TERMINAL																																	
1	R94MBM	18	GY	ASSY																																	
2	R94MBN	18	GY	ASSY																																	
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																															
					U00K640	PROSTAR CIRCUIT DIAGRAM																															
					RELEASE NO.	DATE	PART NO.																														
					59637L	11SEP06	AF08-55906																														
						SHEET	115																														

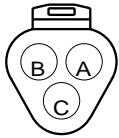
**Figure 318 Connector Composites (9511), (9512), (9513), (9514), (9515)**

# 14.130. CONNECTOR COMPOSITES (9635), (9715), P. 116

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.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN			

EATON VORAD SIDE SENSOR  
(9635)  
(LOCATED ON RIGHT SIDE OF CAB)

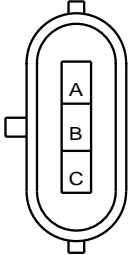


CONNECTOR 3519059C1

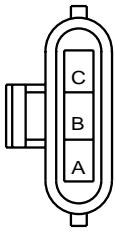
CAV	CIR	GAUGE	COLOR	TERMINAL
A	N67H	16	GY	1680206C1
B	N67J	16	GY	1680206C1
C	N67K	16	GY	1680206C1

TRAILER SOCKET 1  
(9715)  
(LOCATED ON LEFT FRAME RAIL BEHIND CAB)



CONNECTOR 1667732C1  
BODY LOCK 1667734C1



CONNECTOR 1667733C1  
BODY LOCK 1667734C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R70W	10	RD	2025425C1	1667735C1
B	R68W	10	BN	2025425C1	1667735C1
C	R94W	10	DKBL	2025425C1	1667735C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N70W	10	RD	1667737C1	1667735C1
B	N68W	10	BN	1667737C1	1667735C1
C	N94W	10	DKBL	1667737C1	1667735C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					U00K640	PROSTAR CIRCUIT DIAGRAM
					RELEASE NO.	DATE
					59637L	11SEP06
						PART NO.
						AF08-55906
						SHEET
						116

Figure 319 Connector Composites (9635), (9715)

14.131. CONNECTOR COMPOSITES (9716), (9718), P. 117

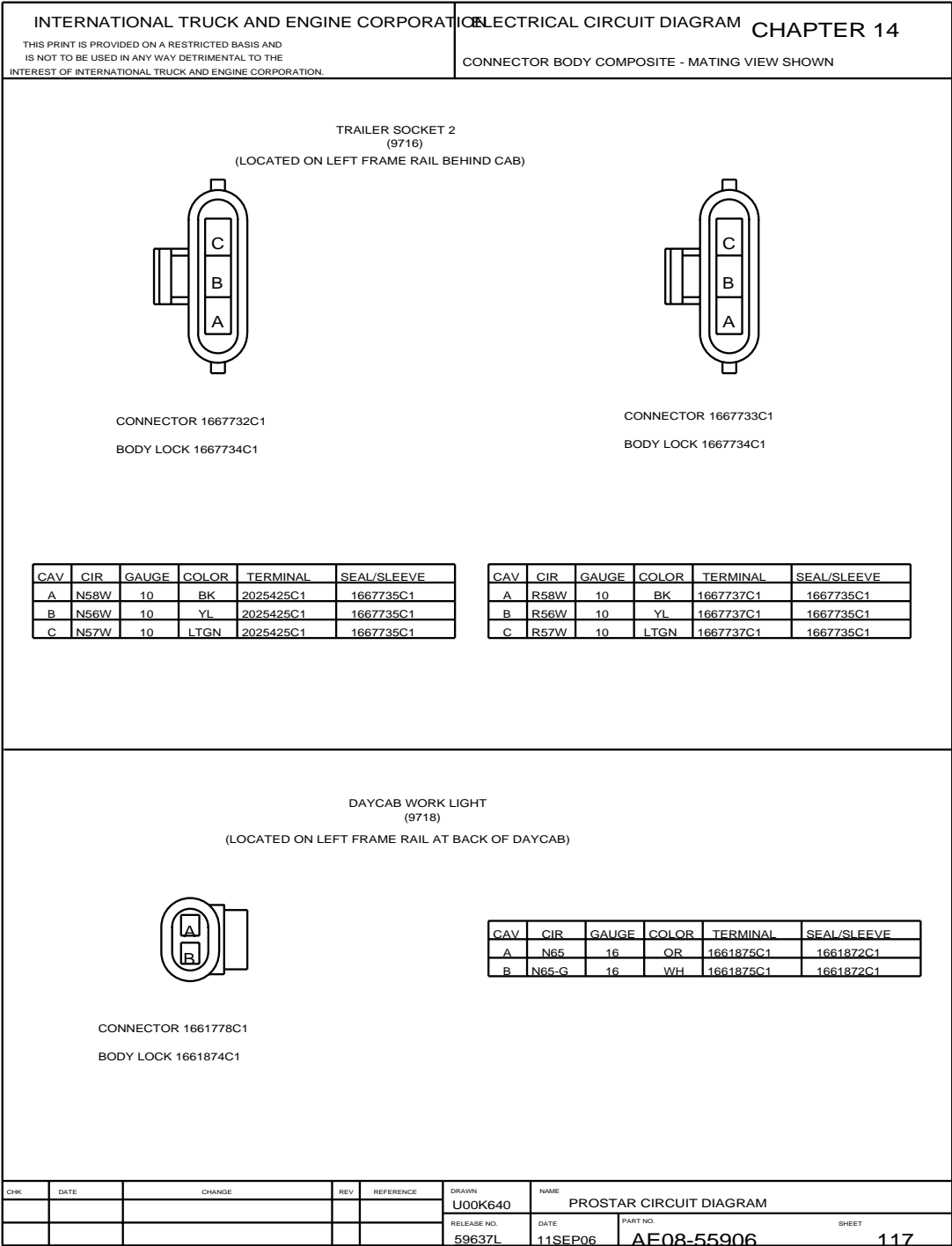


Figure 320 Connector Composites (9716), (9718)



14.132. CONNECTOR COMPOSITES (9736), (9737), (9738), (9768), (9769), P. 118

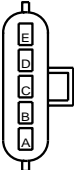
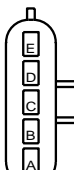
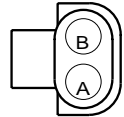
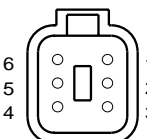

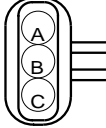

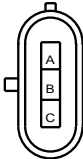
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN							
<b>AIR SOLENOID 4-PACK (9736)</b> (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB) 				<b>2ND AIR SOLENOID 4-PACK (9737)</b> (LOCATED INSIDE LEFT FRAME RAIL UNDER CAB) 							
CONNECTOR 1661375C2 BODY LOCK 1661376C1				CONNECTOR 1661375C2 BODY LOCK 1661376C1							
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N59-G	14	WH	2033816C1	0589391C1	A	N59-GA	14	WH	2033816C1	0589391C1
B	N59A	18	GY	2033819C1	1652325C1	B	N59E	18	GY	2033819C1	1652325C1
C	N59B	18	GY	2033819C1	1652325C1	C	N59F	18	GY	2033819C1	1652325C1
D	N59C	18	GY	2033819C1	1652325C1	D	N59H	18	GY	2033819C1	1652325C1
E	N59D	18	GY	2033819C1	1652325C1	E	N59J	18	GY	2033819C1	1652325C1
<b>5TH WHEEL JAW LOCK SOLENOID (9738)</b> 				<b>EATON VORAD VS-400 (9768)</b> 							
CONNECTOR 0587568C1				CONNECTOR 3673640C1 BODY LOCK 2005243C1							
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A*	N59K	16	GY	0587575C1	1652325C1	1	N67TA	16	PK	3572626C1	N/A
A#	N59K	18	GY	0587576C1	1652325C1	2	N67GU	16	WH	3572626C1	N/A
A**	N59K	18	GY	0587576C1	1652325C1	3	N67U	16	GY	3572626C1	N/A
A##	N59K	16	GY	0587575C1	1652325C1	4	N67V	16	GY	3572626C1	N/A
A&	N59K	16	GY	0587575C1	1652325C1	5	N67W	16	GY	3572626C1	N/A
B	N59-GB	16	WH	0587575C1	1652325C1	6	PLUG	-	-	-	-
* W/ ONE SOLENOID 4 PACK W/ CNT = 3 # W/ ONE SOLENOID 4 PACK W/ CNT = 4 ** W/ TWO SOLENOID 4 PACK W/ CNT = 5 ## W/ TWO SOLENOID 4 PACK W/ CNT = 5 & W/ TWO SOLENOID 4 PACK W/ CNT = 7											
<b>J1939 CENTER CHASSIS TO FWD CHASSIS (9769)</b> 											
CONNECTOR 1667741C1 BODY LOCK 1667711C1				CONNECTOR 1667740C1 BODY LOCK 1667711C1							
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	M5U(+)	18	YL	1661875C1	3568570C1	A	N5U(+)	18	YL	1667742C1	3568570C1
C	M5U(-)	18	GN	1661875C1	3568570C1	C	N5U(-)	18	GN	1667742C1	3568570C1
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME					
RAW6	19NOV07	ADDED CONN 9738 &	A	50297W	U00K640	CIRCUIT DIAGRAM, PROSTAR					
	9768; MOVED	CONN 9779			59637L	11SEP06	DATE	PART NO.	SHEET		
								AE08055906	118		

Figure 321 Connector Composites (9736), (9737), (9738), (9768), (9769)

### 14.133. CONNECTOR COMPOSITES (9770), (9779), P. 119

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>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</b> CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																		
<div style="text-align: center; margin-bottom: 20px;"> <p>J1939 CENTER CHASSIS TO FWD CHASSIS (9770)</p>  <p>CONNECTOR 1667741C1 BODY LOCK 166771C1</p> </div> <div style="display: flex; justify-content: space-around;"> <table border="1" style="font-size: 8px;"> <tr><th>CAV</th><th>CIRC</th><th>GA</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr><td>A</td><td>M5UB(+)</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td><td>2025431C1</td></tr> <tr><td>C</td><td>M5UB(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr> </table> <table border="1" style="font-size: 8px;"> <tr><th>CAV</th><th>CIRC</th><th>GA</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr><td>A</td><td>N5UB(+)</td><td>18</td><td>YL</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>2025431C1</td></tr> <tr><td>C</td><td>N5UB(-)</td><td>18</td><td>GN</td><td>1667742C1</td><td>3568570C1</td></tr> </table> </div>							CAV	CIRC	GA	COLOR	TERMINAL	SEAL/SLEEVE	A	M5UB(+)	18	YL	1661875C1	3568570C1	B	-	-	-	-	2025431C1	C	M5UB(-)	18	GN	1661875C1	3568570C1	CAV	CIRC	GA	COLOR	TERMINAL	SEAL/SLEEVE	A	N5UB(+)	18	YL	1667742C1	3568570C1	B	PLUG	-	-	-	2025431C1	C	N5UB(-)	18	GN	1667742C1	3568570C1
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<div style="text-align: center; margin-bottom: 20px;"> <p>DAYCAB TRAILER SOCKET # 2 (9779)</p> <p>(LOCATED AT BOTTOM OF DASH PANEL - LEFT SIDE)</p>  <p>CONNECTOR 1667732C1 BODY LOCK 1667734C1</p> </div> <div style="display: flex; justify-content: space-between;"> <table border="1" style="font-size: 8px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr><td>A*</td><td>N58U</td><td>10</td><td>BK</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>A#</td><td>N58T</td><td>10</td><td>BK</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>B*</td><td>N56U</td><td>10</td><td>YL</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>B#</td><td>N56T</td><td>10</td><td>YL</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>C*</td><td>N57U</td><td>10</td><td>LTGN</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>C#</td><td>N57T</td><td>10</td><td>LTGN</td><td>2025425C1</td><td>1667735C1</td></tr> </table> <div style="font-size: 8px;"> <p>* TRAILER SOCKET W/ BOC &amp; EOF</p> <p># TRAILER SOCKET W/ BOC</p> </div> </div>							CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	N58U	10	BK	2025425C1	1667735C1	A#	N58T	10	BK	2025425C1	1667735C1	B*	N56U	10	YL	2025425C1	1667735C1	B#	N56T	10	YL	2025425C1	1667735C1	C*	N57U	10	LTGN	2025425C1	1667735C1	C#	N57T	10	LTGN	2025425C1	1667735C1						
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**Figure 322 Connector Composites (9770), (9779)**

14.134. CONNECTOR COMPOSITES (9780), (9781F), (9782M), (9783F), (9784M), P. 120

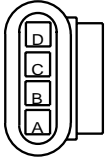
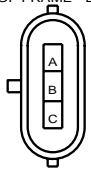
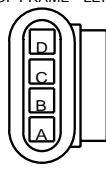
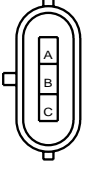
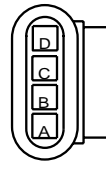
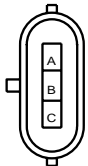
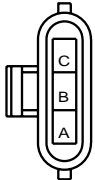
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Figure 323 Connector Composites (9780), (9781F), (9782M), (9783F), (9784M)

## 14.135. CONNECTOR COMPOSITES (9789), (9790), P. 121

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>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14</b> CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																										
<div style="text-align: center;"> <p>TRAILER SOCKET 2 (9789) (LOCATED AT END OF FRAME - LEFT SIDE)</p>  </div> <div style="margin-top: 20px;"> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R58W</td> <td>10</td> <td>BK</td> <td>2025425C1</td> <td>1667735C1</td> </tr> <tr> <td>B</td> <td>R56W</td> <td>10</td> <td>YL</td> <td>2025425C1</td> <td>1667735C1</td> </tr> <tr> <td>C</td> <td>R57W</td> <td>10</td> <td>LTGN</td> <td>2025425C1</td> <td>1667735C1</td> </tr> </tbody> </table> </div> <div style="margin-top: 20px;"> <p>CONNECTOR 1667732C1 BODY LOCK 1667734C1</p> </div>							CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R58W	10	BK	2025425C1	1667735C1	B	R56W	10	YL	2025425C1	1667735C1	C	R57W	10	LTGN	2025425C1	1667735C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																									
A	R58W	10	BK	2025425C1	1667735C1																									
B	R56W	10	YL	2025425C1	1667735C1																									
C	R57W	10	LTGN	2025425C1	1667735C1																									
<div style="text-align: center;"> <p>TRAILER SOCKET 1 (4X2) (9790) (LOCATED AT END OF FRAME - LEFT SIDE)</p>  </div> <div style="margin-top: 20px;"> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R70W</td> <td>10</td> <td>RD</td> <td>1667737C1</td> <td>1667735C1</td> </tr> <tr> <td>B</td> <td>R68W</td> <td>10</td> <td>BN</td> <td>1667737C1</td> <td>1667735C1</td> </tr> <tr> <td>C</td> <td>R94W</td> <td>10</td> <td>DKBL</td> <td>1667737C1</td> <td>1667735C1</td> </tr> </tbody> </table> </div> <div style="margin-top: 20px;"> <p>CONNECTOR 1667733C1 BODY LOCK 1667734C1</p> </div>							CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R70W	10	RD	1667737C1	1667735C1	B	R68W	10	BN	1667737C1	1667735C1	C	R94W	10	DKBL	1667737C1	1667735C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																									
A	R70W	10	RD	1667737C1	1667735C1																									
B	R68W	10	BN	1667737C1	1667735C1																									
C	R94W	10	DKBL	1667737C1	1667735C1																									
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																								
RAW6	19NOV07	REVISED AND REDRAWN	A	50297W	U00K640	CIRCUIT DIAGRAM, PROSTAR																								
					RELEASE NO. 59637L	DATE 11SEP06																								
					PART NO. AE08055906	SHEET 121																								

**Figure 324 Connector Composites (9789), (9790)**

## 14.136. CONNECTOR COMPOSITES (9800), P. 122

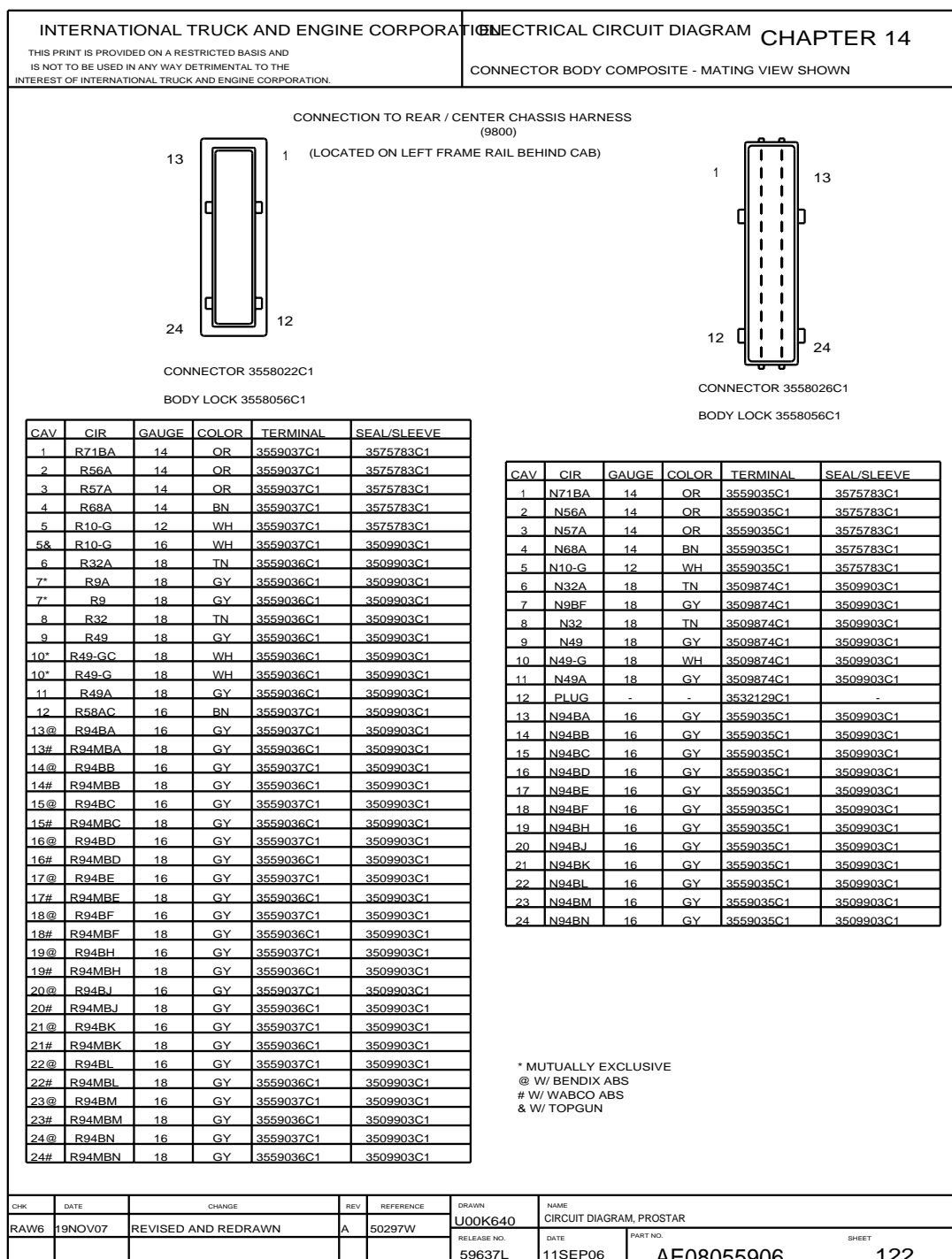


Figure 325 Connector Composites (9800)

14.137. CONNECTOR COMPOSITES (9801), P. 123

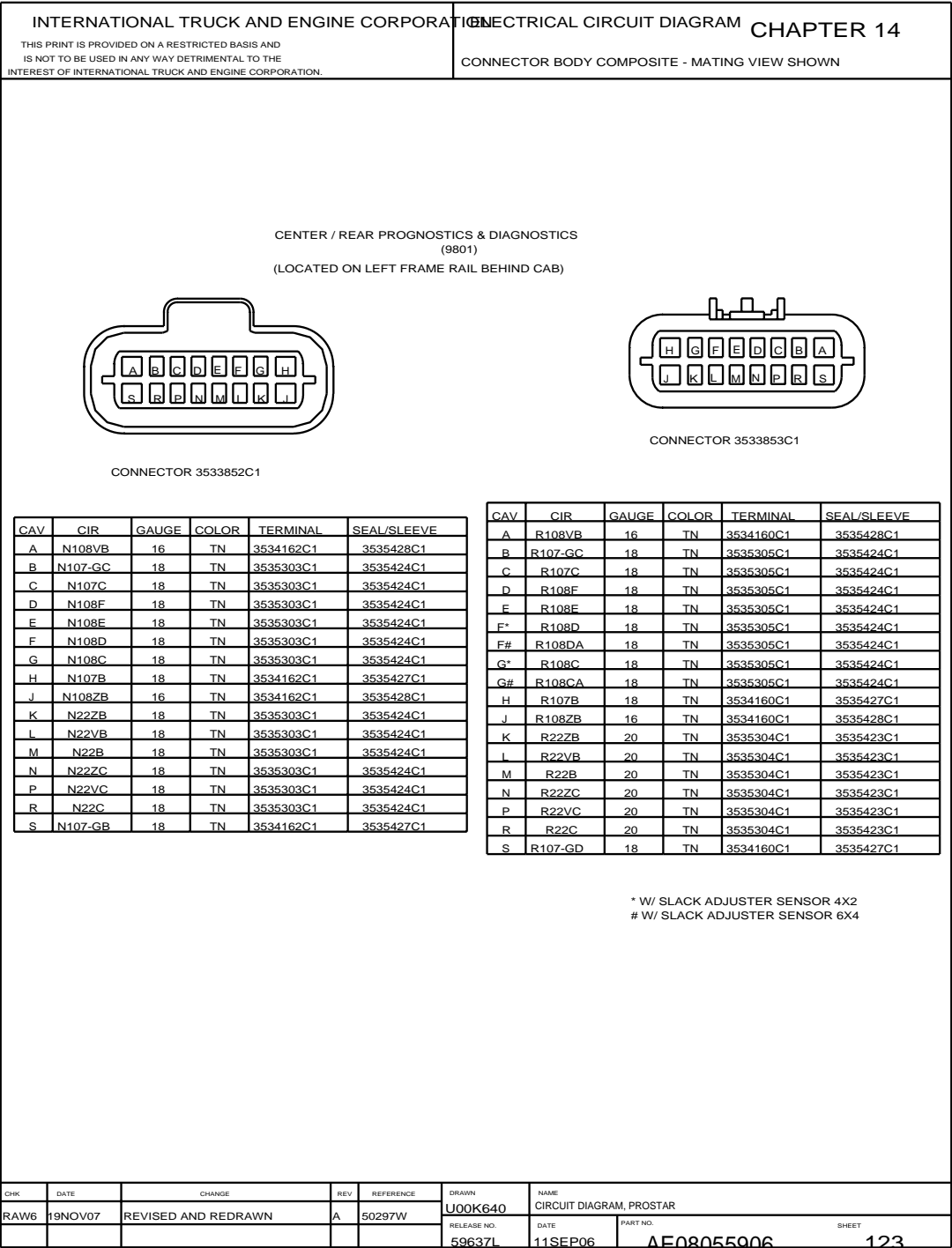


Figure 326 Connector Composites (9801)

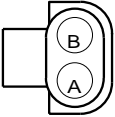
# 14.138. CONNECTOR COMPOSITES (9811), (9812), (9813), P. 124

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FRONT AXLE TEMP SENDER  
(9811)

(LOCATED ON LEFT FRAME RAIL BY FORWARD REAR AXLE)

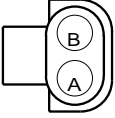


CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R32	18	TN	0587576C1	1652325C1
B	R9C	18	GY	0587576C1	1652325C1

CONNECTOR 0587568C91

REAR AXLE TEMP (6X4) SENDER  
(9812)

(LOCATED ON LEFT FRAME RAIL BY REAR REAR AXLE)

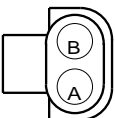


CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R32A	18	TN	0587576C1	1652325C1
B	R9B	18	GY	0587576C1	1652325C1

CONNECTOR 0587568C91

REAR AXLE TEMP SENDER (4X2)  
(9813)

(LOCATED ON LEFT FRAME RAIL BY REAR AXLE)



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R32A	18	TN	0587576C1	1652325C1
B	R9	18	GY	0587576C1	1652325C1

CONNECTOR 0587568C91

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
RAW6	19NOV07	REVISED AND REDRAWN	A	50297W	U00K640	CIRCUIT DIAGRAM, PROSTAR
					RELEASE NO.	PART NO.
					59637L	AE08055906
					DATE	SHEET
					11SEP06	124

Figure 327 Connector Composites (9811), (9812), (9813)

14.139. CONNECTOR COMPOSITES (9814), (9815), (9816), P. 125

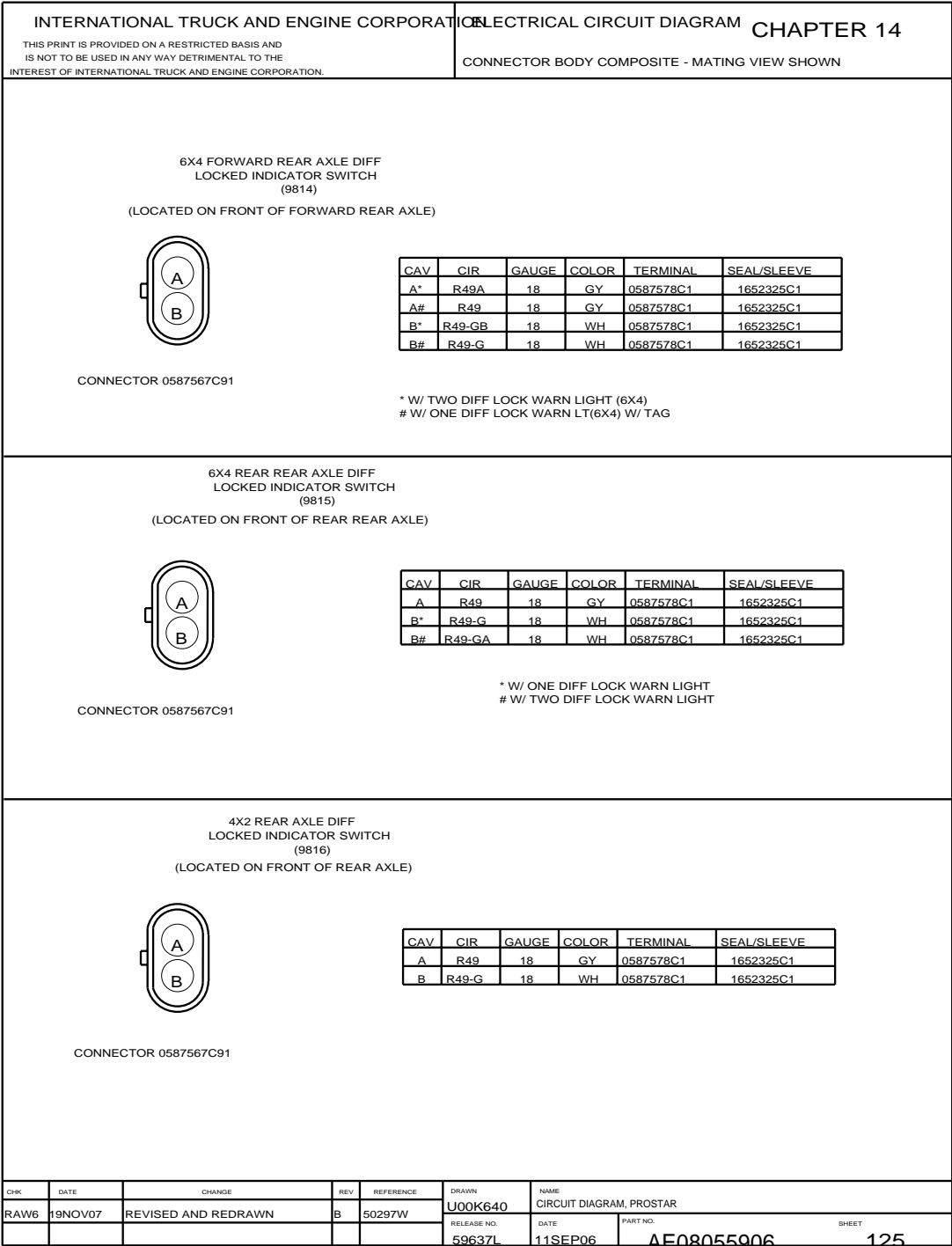


Figure 328 Connector Composites (9814), (9815), (9816)



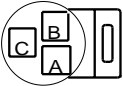
# 14.140. CONNECTOR COMPOSITES (9830/9832), (9865), P. 126

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REAR LOAD INDICATOR  
(9830 - 4X2)  
(9832 - 6X4)

(LOCATED ON REAR SUSPENSION AIR BAG:  
LEFT SIDE - 6X4  
RIGHT SIDE 4X2)



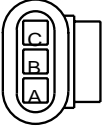
CONNECTOR 1678137C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	R109B	18	GY	1651943C1
B	R106B	18	GY	1651943C1
C	R61B	18	GY	1651943C1

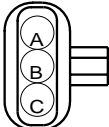
LOAD INDICATOR CENTER CHASSIS / REAR CHASSIS  
(9865)

(LOCATED ON LEFT FRAME RAIL BEHIND CAB)



CONNECTOR 1667741C1

BODY LOCK 1667771C1



CONNECTOR 1667740C1

BODY LOCK 1667771C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N109B	18	GY	1667742C1	1661872C1
B	N106B	18	GY	1667742C1	1661872C1
C	N61B	18	GY	1667742C1	1661872C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R109B	18	GY	1661875C1	1661872C1
B	R106B	18	GY	1661875C1	1661872C1
C	R61B	18	GY	1661875C1	1661872C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
RAW6	19NOV07	INITIAL RELEASE	A	50297W	300371	CIRCUIT DIAGRAM, PROSTAR
					RELEASE NO. 50297W	DATE 18OCT07
						PART NO. AE08055906
						SHEET 126

Figure 329 Connector Composites (9830/9832), (9865)

14.141. CONNECTOR COMPOSITES (9900), (9901), (9902), P. 127

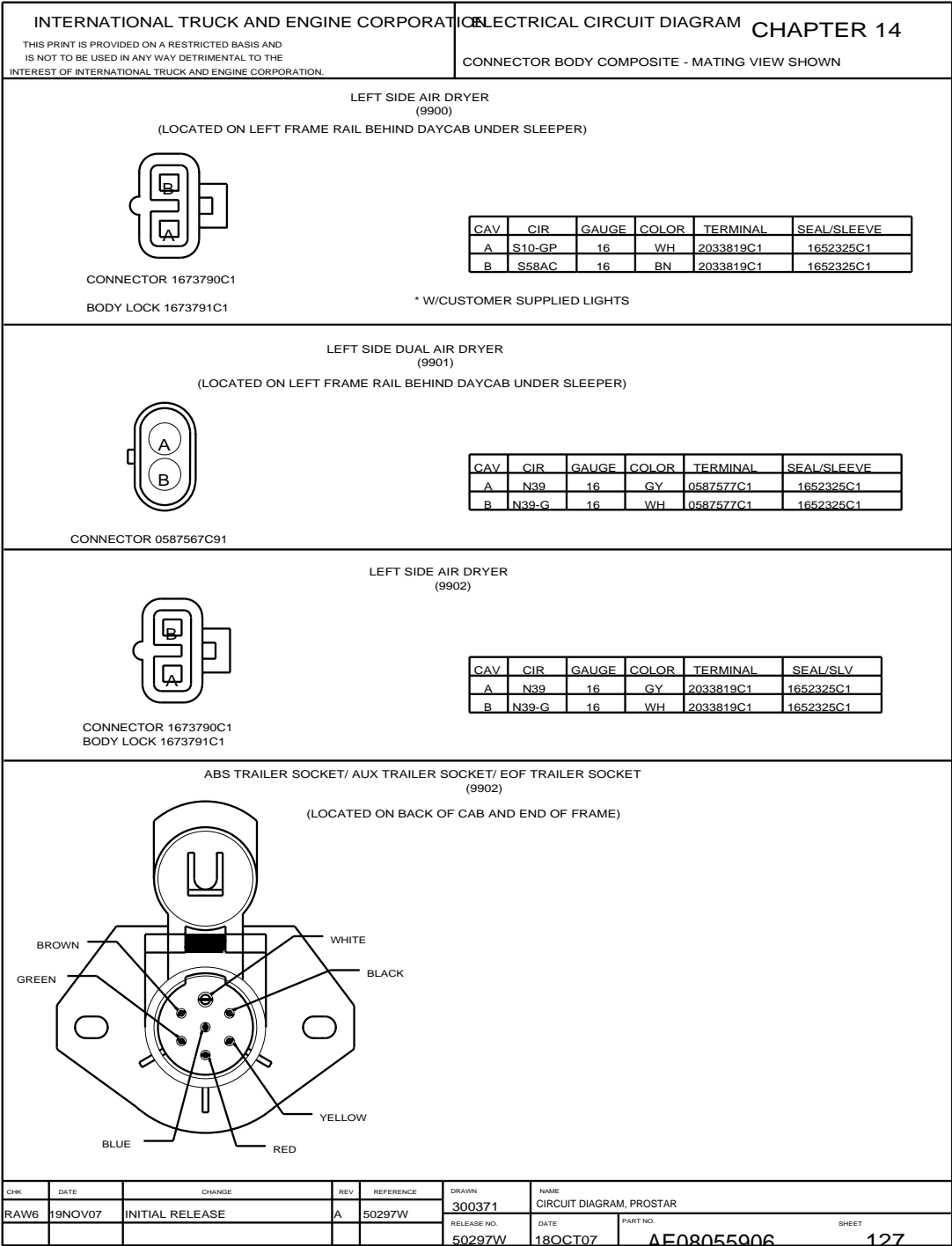


Figure 330 Connector Composites (9900), (9901), (9902)