


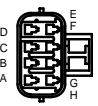





## 12. CONNECTOR COMPOSITES (CHAPTER 12)

## 12.1. CONNECTOR COMPOSITES (10), (71), (72), (345), P. 1

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																																																																																															
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<p>AUXILIARY POWER (10) (LOCATED IN INSTRUMENT PANEL)</p> <div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><p>CONNECTOR - 1661197C1</p><p style="text-align: center;">CIGAR LIGHTER TYPE</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>TERM</th></tr></thead><tbody><tr><td>A</td><td>A86M</td><td>14</td><td>LT GN</td><td>3534167C1</td></tr><tr><td>B</td><td>A86-GA</td><td>14</td><td>WH</td><td>3534167C1</td></tr></tbody></table><p style="text-align: center;">TWO POST TYPE</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>TERM</th></tr></thead><tbody><tr><td>A</td><td>A86N</td><td>14</td><td>LT GN</td><td>3534167C1</td></tr><tr><td>B</td><td>A86-GB</td><td>14</td><td>WH</td><td>3534167C1</td></tr></tbody></table></div><div style="width: 45%;"><p>CONNECTOR - 1661196C1</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>TERM</th></tr></thead><tbody><tr><td>A</td><td>A86M</td><td>14</td><td>LT GN</td><td>1661209C1</td></tr><tr><td>B</td><td>A86-GA</td><td>14</td><td>WH</td><td>1661209C1</td></tr></tbody></table></div></div>								CAV	CIR	GAUGE	COLOR	TERM	A	A86M	14	LT GN	3534167C1	B	A86-GA	14	WH	3534167C1	CAV	CIR	GAUGE	COLOR	TERM	A	A86N	14	LT GN	3534167C1	B	A86-GB	14	WH	3534167C1	CAV	CIR	GAUGE	COLOR	TERM	A	A86M	14	LT GN	1661209C1	B	A86-GA	14	WH	1661209C1																																																															
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<p>LEFT TAIL LIGHT (71) (LOCATED AT TAIL LIGHTS)</p> <div style="display: flex; align-items: center;"><div><p>CONNECTOR - 1661375C2 BODY LOCK - 1661376C1 PLUG - 0587579C1</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>TERM</th><th>SEAL</th></tr></thead><tbody><tr><td>A</td><td>S71C</td><td>14</td><td>LT BL</td><td>2033816C1</td><td>0589391C1</td></tr><tr><td>B</td><td>S68C</td><td>14</td><td>BN</td><td>2033816C1</td><td>0589391C1</td></tr><tr><td>C</td><td>S57B</td><td>14</td><td>LT GN</td><td>2033816C1</td><td>0589391C1</td></tr><tr><td>D</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>E</td><td>S10-GC</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr></tbody></table></div></div>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	S71C	14	LT BL	2033816C1	0589391C1	B	S68C	14	BN	2033816C1	0589391C1	C	S57B	14	LT GN	2033816C1	0589391C1	D	PLUG	-	-	-	-	E	S10-GC	14	WH	2033816C1	0589391C1	<p>RIGHT TAIL LIGHT (72) (LOCATED AT TAIL LIGHTS)</p> <div style="display: flex; align-items: center;"><div style="margin-right: 10px;"><p>CONNECTOR - 1661375C2 BODY LOCK - 1661376C1 PLUG - 0587579C1</p></div></div> <p style="text-align: center; font-size: small;">STOP &amp; TAIL LIGHT TO LIGHT</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>TERM</th><th>SEAL</th></tr></thead><tbody><tr><td>A</td><td>S71C</td><td>14</td><td>LT BL</td><td>2033816C1</td><td>0589391C1</td></tr><tr><td>B</td><td>S68C</td><td>14</td><td>BN</td><td>2033816C1</td><td>0589391C1</td></tr><tr><td>C</td><td>S57B</td><td>14</td><td>LT GN</td><td>2033816C1</td><td>0589391C1</td></tr><tr><td>D</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>E</td><td>S10-GC</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr></tbody></table> <p style="text-align: center; font-size: small;">STOP &amp; TAIL INTERCONNECT 1385 LG W/BACKUP ALARM</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>TERM</th><th>SEAL</th></tr></thead><tbody><tr><td>A</td><td>S71K</td><td>14</td><td>LT BL</td><td>2033816C1</td><td>0589391C1</td></tr><tr><td>B</td><td>S68C</td><td>14</td><td>BN</td><td>2033816C1</td><td>0589391C1</td></tr><tr><td>C</td><td>S57B</td><td>14</td><td>LT GN</td><td>2033816C1</td><td>0589391C1</td></tr><tr><td>D</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>E</td><td>S10-GD</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr></tbody></table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	S71C	14	LT BL	2033816C1	0589391C1	B	S68C	14	BN	2033816C1	0589391C1	C	S57B	14	LT GN	2033816C1	0589391C1	D	PLUG	-	-	-	-	E	S10-GC	14	WH	2033816C1	0589391C1	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	S71K	14	LT BL	2033816C1	0589391C1	B	S68C	14	BN	2033816C1	0589391C1	C	S57B	14	LT GN	2033816C1	0589391C1	D	PLUG	-	-	-	-	E	S10-GD	14	WH	2033816C1	0589391C1
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Figure 100 Connector Composites (10), (71), (72), (345)

## 12.2. CONNECTOR COMPOSITES (420A), (420B), (520), (521), (522), (523), (524), P. 2

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 DIAGRAMS CHAPTER 12 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																																																															
<p style="text-align: center;"><b>SHIFT SELECTOR (420A)</b> (LOCATED IN INSTRUMENT PANEL)</p> <p>CONNECTOR - 3522536C1 BODY LOCK - 3518287C1 PLUG - 3518314C1</p>  <table border="1" style="font-size: 8px; width: 100%;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr><td>A</td><td>A170</td><td>18</td><td>OR</td><td>3517243C1</td></tr> <tr><td>B</td><td>A171</td><td>18</td><td>LT GN</td><td>3517243C1</td></tr> <tr><td>C</td><td>A172</td><td>18</td><td>DK BL</td><td>3517243C1</td></tr> <tr><td>D</td><td>A173</td><td>18</td><td>YL</td><td>3517243C1</td></tr> <tr><td>E</td><td>A174</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>M</td><td>A175</td><td>18</td><td>LT GN</td><td>3517243C1</td></tr> <tr><td>N</td><td>A124</td><td>18</td><td>PK</td><td>3517243C1</td></tr> <tr><td>P</td><td>A143D</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>R</td><td>A136D</td><td>18</td><td>PK</td><td>3517243C1</td></tr> <tr><td>S</td><td>A180</td><td>18</td><td>DK BL</td><td>3517243C1</td></tr> <tr><td>T</td><td>A186</td><td>18</td><td>DK BL</td><td>3517243C1</td></tr> <tr><td>U</td><td>A62L</td><td>18</td><td>DK BL</td><td>3517243C1</td></tr> <tr><td>V</td><td>A188</td><td>18</td><td>DK BL</td><td>3517243C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	A170	18	OR	3517243C1	B	A171	18	LT GN	3517243C1	C	A172	18	DK BL	3517243C1	D	A173	18	YL	3517243C1	E	A174	18	TN	3517243C1	M	A175	18	LT GN	3517243C1	N	A124	18	PK	3517243C1	P	A143D	18	GY	3517243C1	R	A136D	18	PK	3517243C1	S	A180	18	DK BL	3517243C1	T	A186	18	DK BL	3517243C1	U	A62L	18	DK BL	3517243C1	V	A188	18	DK BL	3517243C1	<p style="text-align: center;"><b>SHIFTER (420B)</b> (LOCATED IN INSTRUMENT PANEL)</p> <p>CONNECTOR - 3525872C1 BODY LOCK - 3525873C1 PLUG - 2025431C1</p>  <table border="1" style="font-size: 8px; width: 100%;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B</td><td>A62-GC</td><td>18</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>A92VA</td><td>18</td><td>PK</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>D</td><td>128D</td><td>18</td><td>YL</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>E</td><td>A123</td><td>18</td><td>PK</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>F</td><td>A110</td><td>18</td><td>YL</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>G</td><td>A92AF</td><td>18</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>H</td><td>A92AG</td><td>18</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	PLUG	-	-	-	-	B	A62-GC	18	WH	1661875C1	1661872C1	C	A92VA	18	PK	1661875C1	1661872C1	D	128D	18	YL	1661875C1	1661872C1	E	A123	18	PK	1661875C1	1661872C1	F	A110	18	YL	1661875C1	1661872C1	G	A92AF	18	TN	1661875C1	1661872C1	H	A92AG	18	TN	1661875C1	1661872C1
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<p style="text-align: center;"><b>CLEARANCE LIGHT (524)</b> (LOCATED IN ROOF OF CAB)</p> <p>CONNECTOR - 1661259C1 BODY LOCK - 1661263C1</p>  <table border="1" style="font-size: 8px; width: 100%;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr><td>A</td><td>58F</td><td>18</td><td>BN</td><td>1661261C1</td></tr> <tr><td>B</td><td>58-GF</td><td>18</td><td>WH</td><td>1661261C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	58F	18	BN	1661261C1	B	58-GF	18	WH	1661261C1																																																																																																																	
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					RELEASE NO.	DATE	PART NO.	SHEET																																																																																																																											
					P52778H	31MAY00	AE08-52376	02																																																																																																																											

**Figure 101 Connector Composites (420A), (420B), (520), (521), (522), (523), (524)**

12.3. CONNECTOR COMPOSITES (1002), (1003), (1010), P. 3

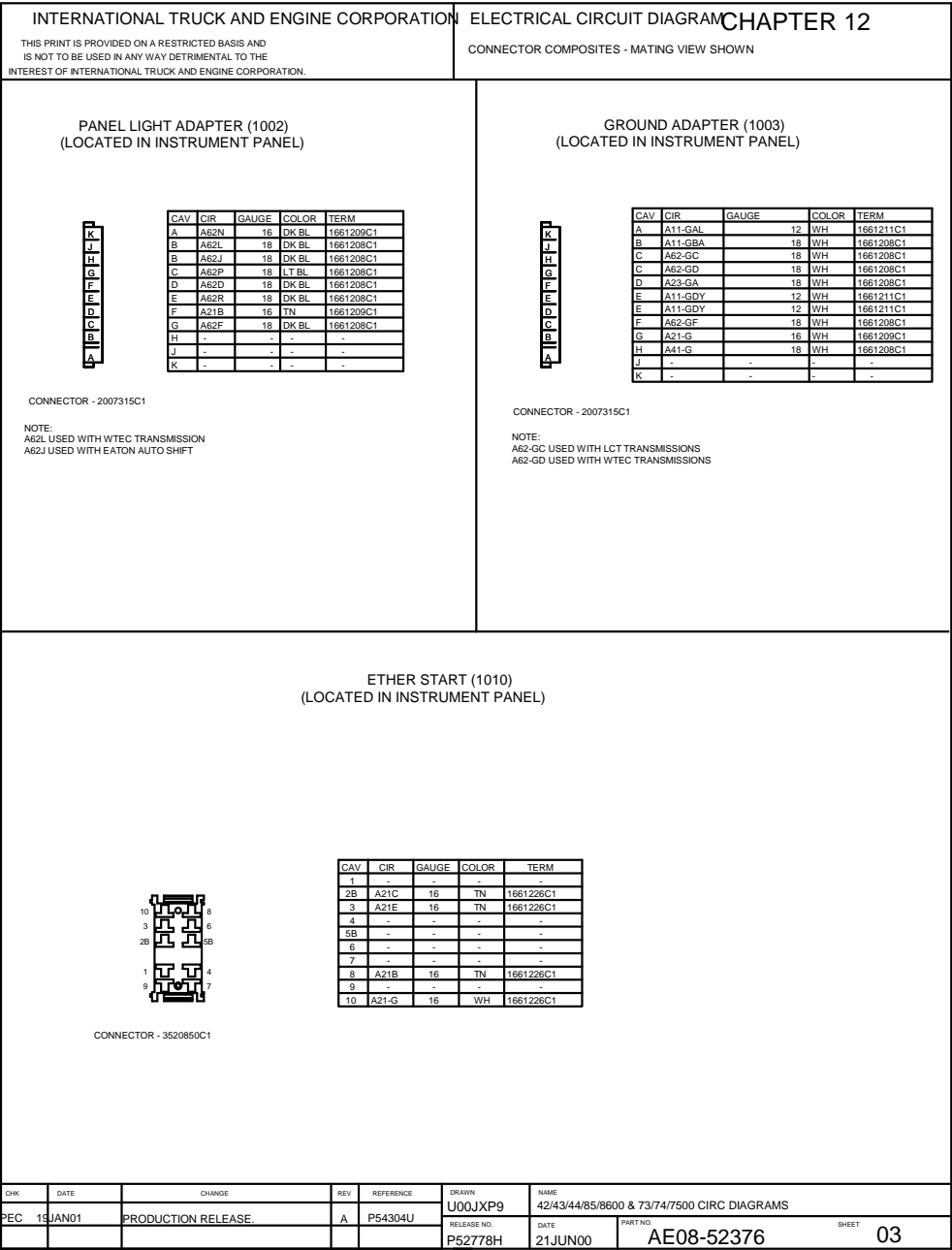


Figure 102 Connector Composites (1002), (1003), (1010)

## 12.4. CONNECTOR COMPOSITE (1011), P. 4

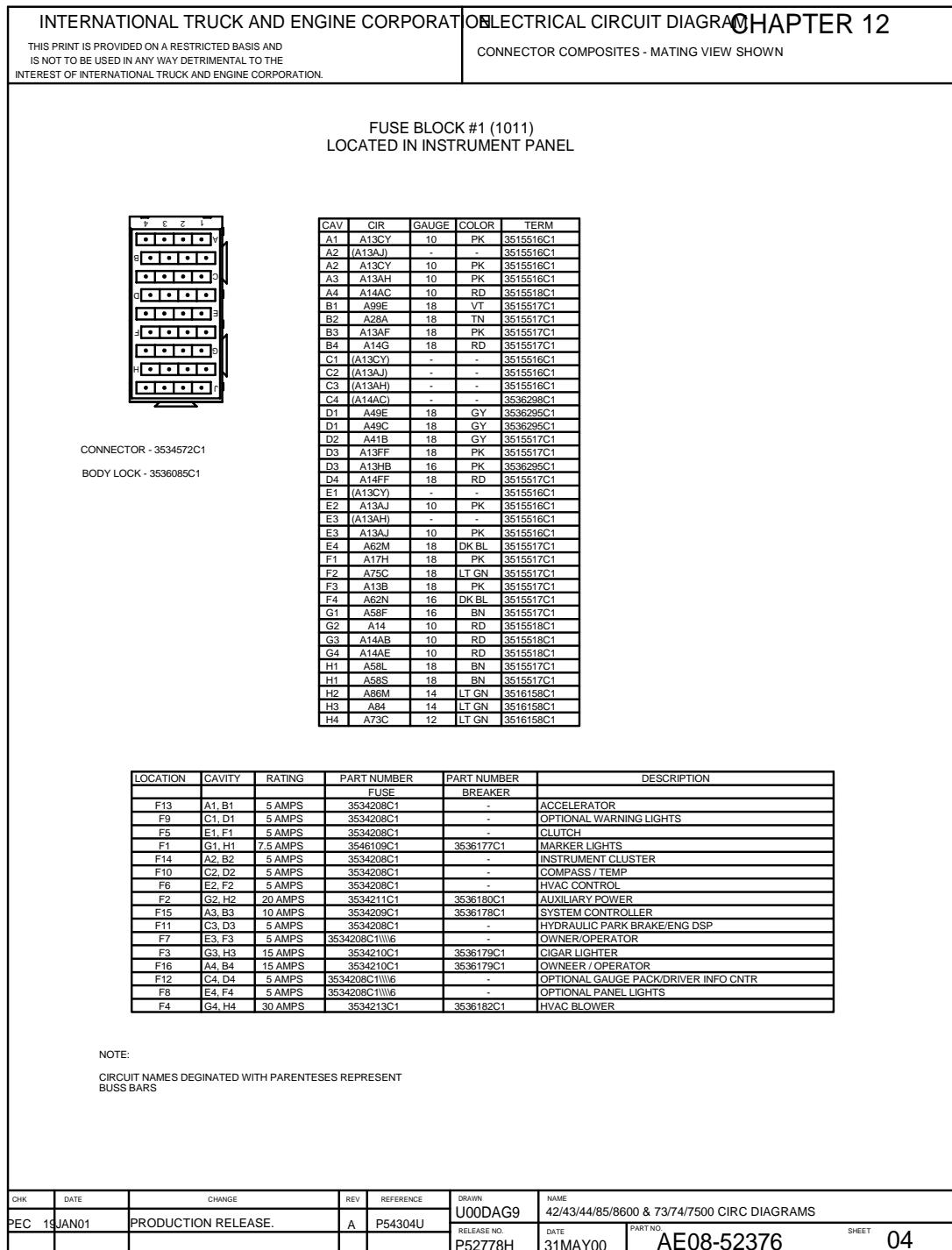
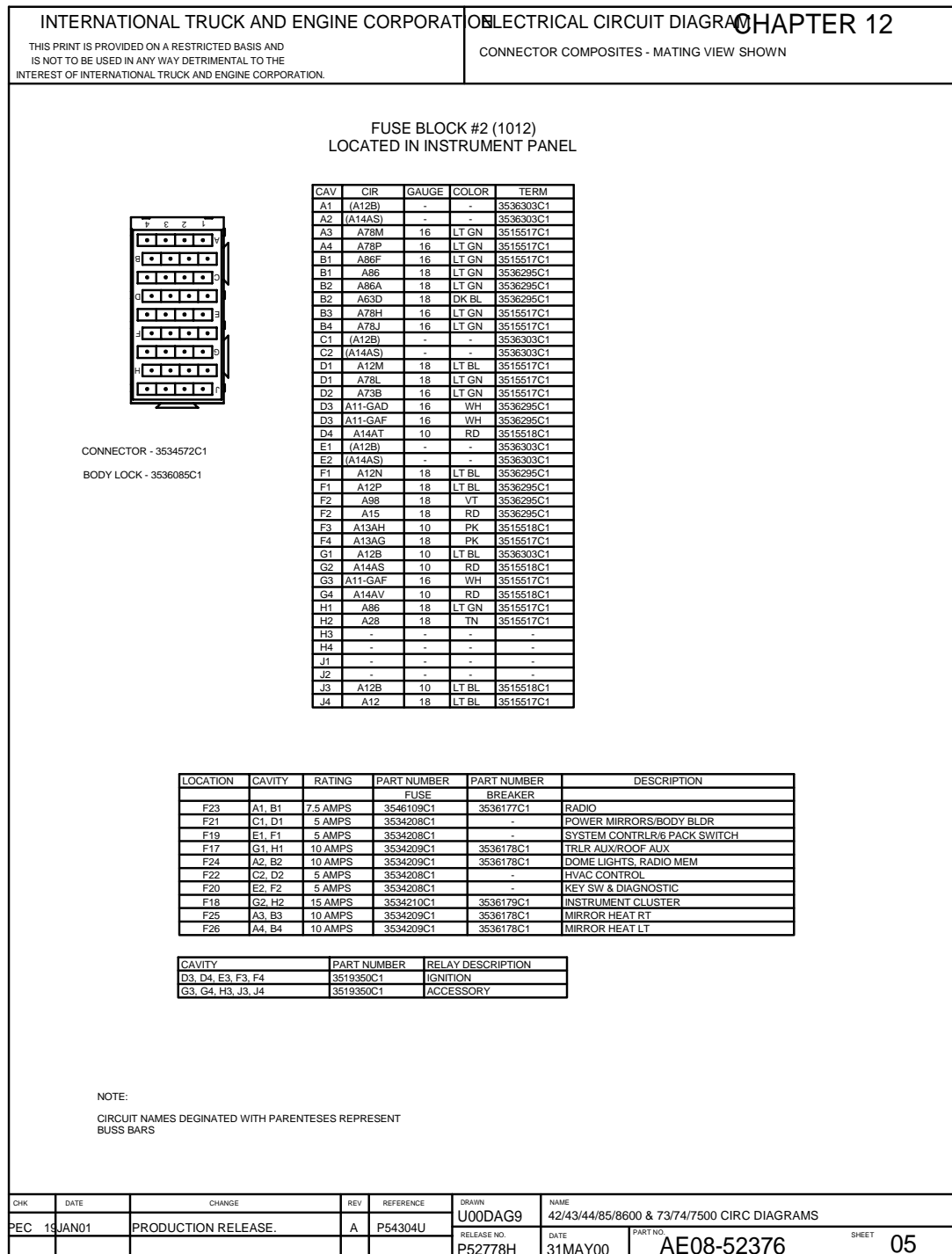


Figure 103 Connector Composite (1011)

## 12.5. CONNECTOR COMPOSITE (1012), P. 5



**Figure 104 Connector Composite (1012)**

## 12.6. CONNECTOR COMPOSITE (1013), P. 6

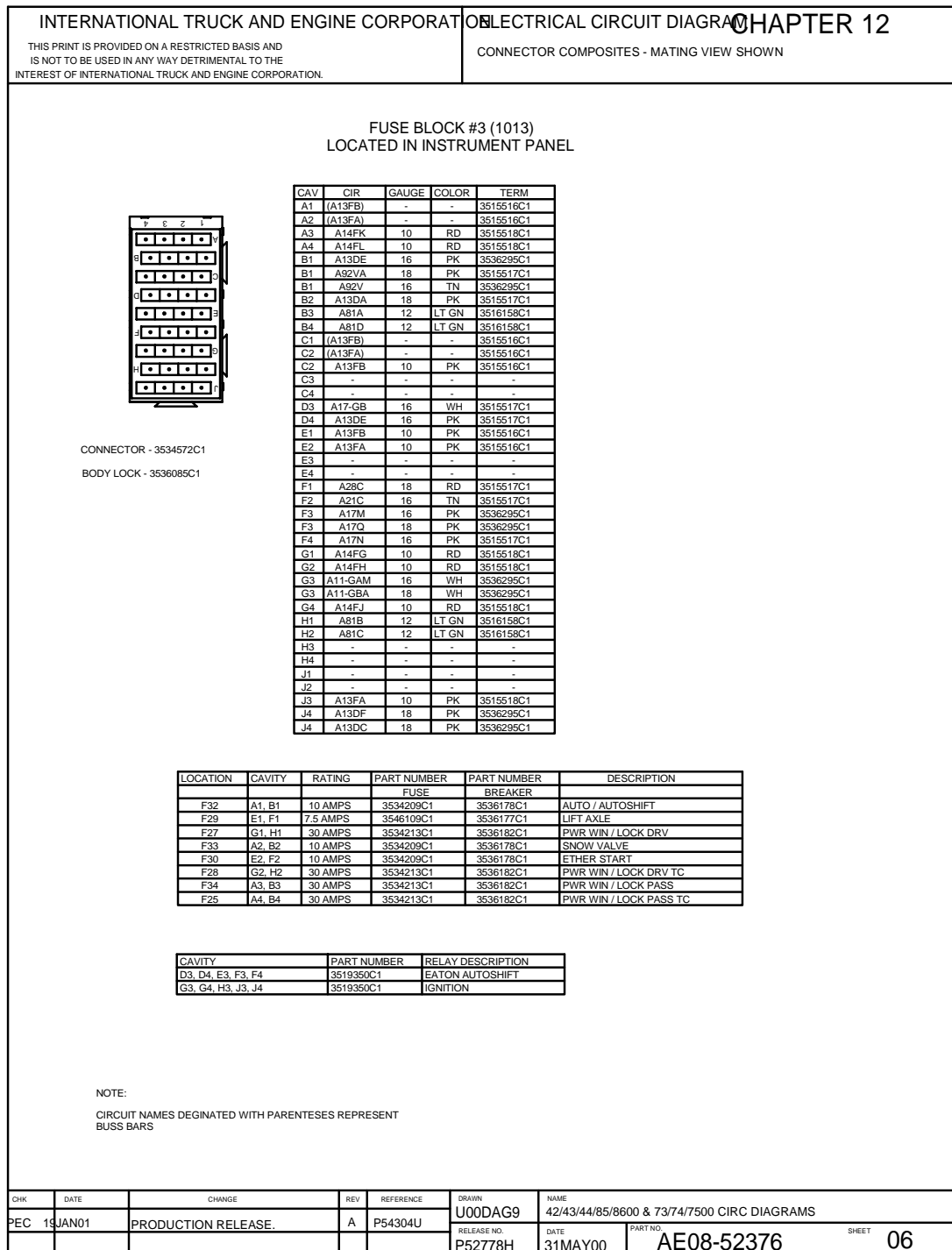


Figure 105 Connector Composite (1013)

12.7. CONNECTOR COMPOSITE (1014), P. 7

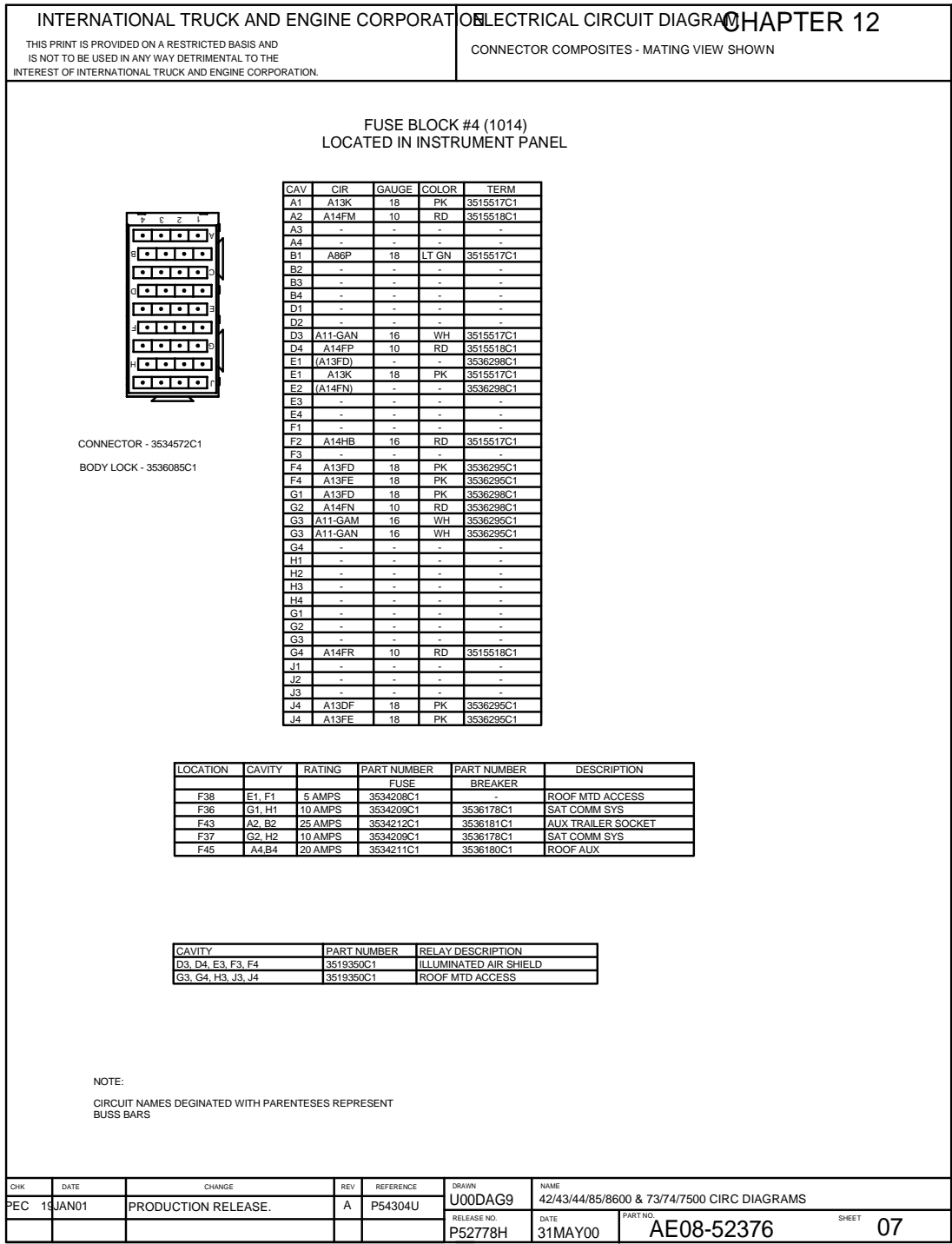


Figure 106 Connector Composite (1014)

## 12.8. CONNECTOR COMPOSITES (1018), (1100), (1101A), (1101), (1102), P. 8

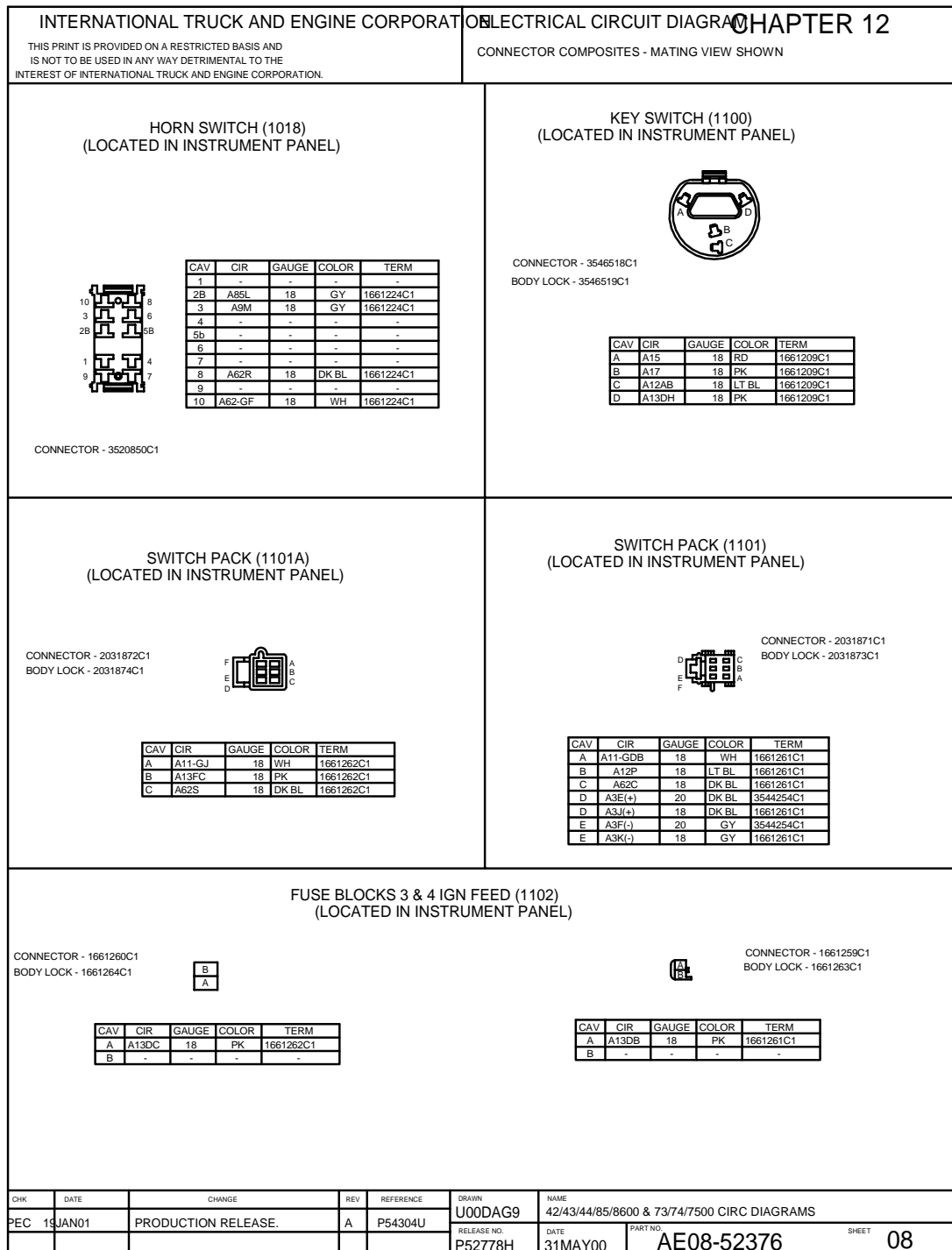


Figure 107 Connector Composites (1018), (1100), (1101A), (1101), (1102)



12.9. CONNECTOR COMPOSITES (1104), (1200), (1210), P. 9

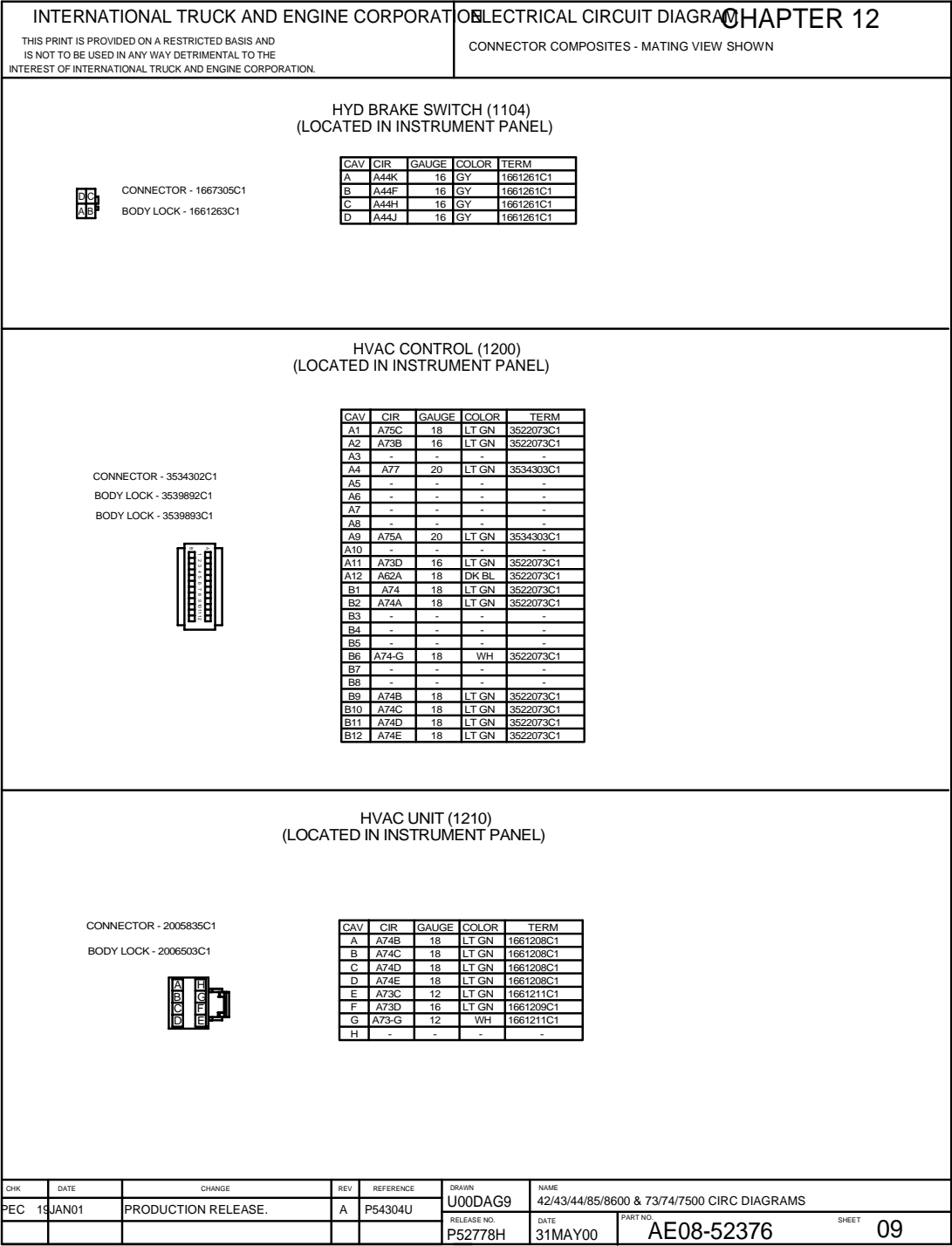
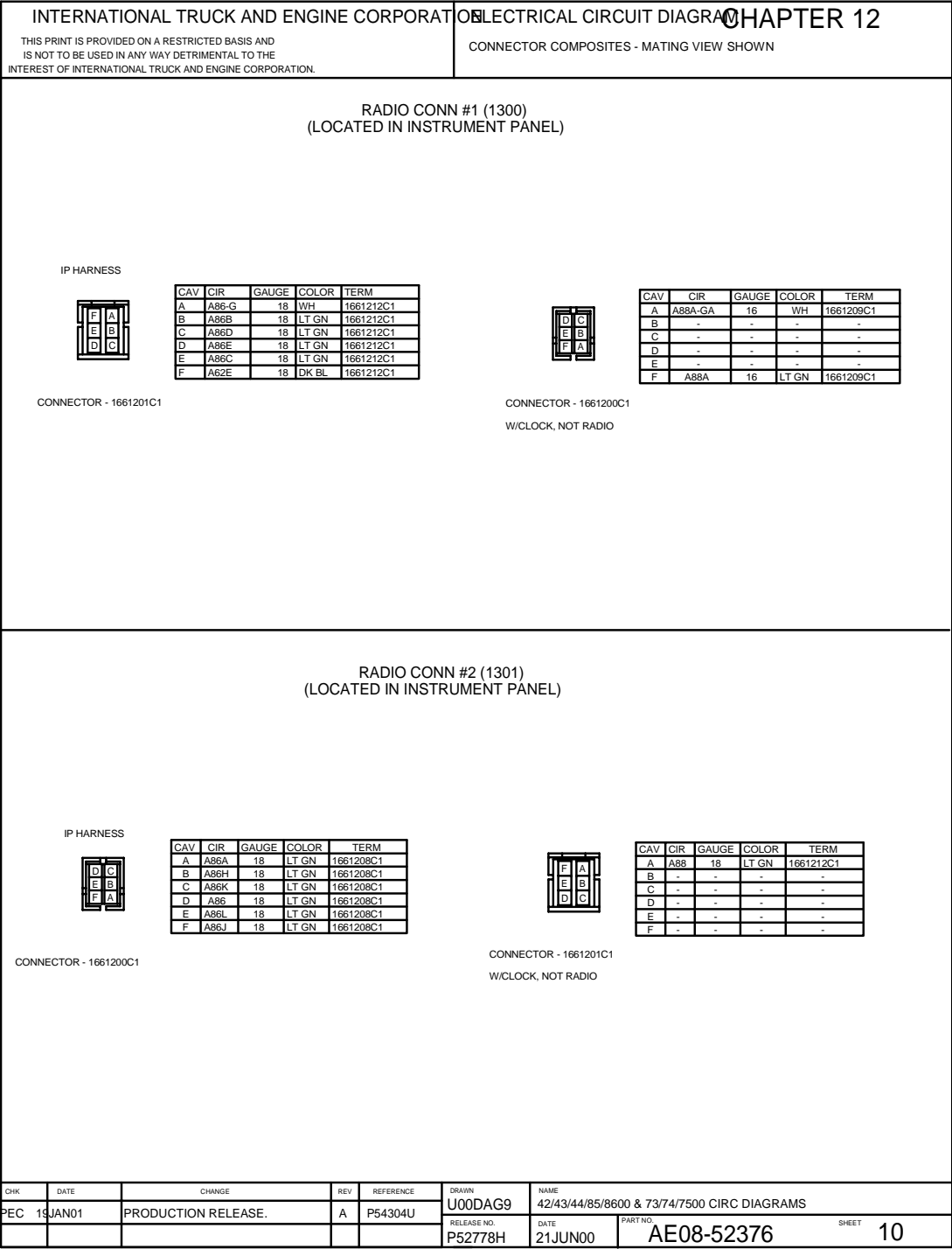
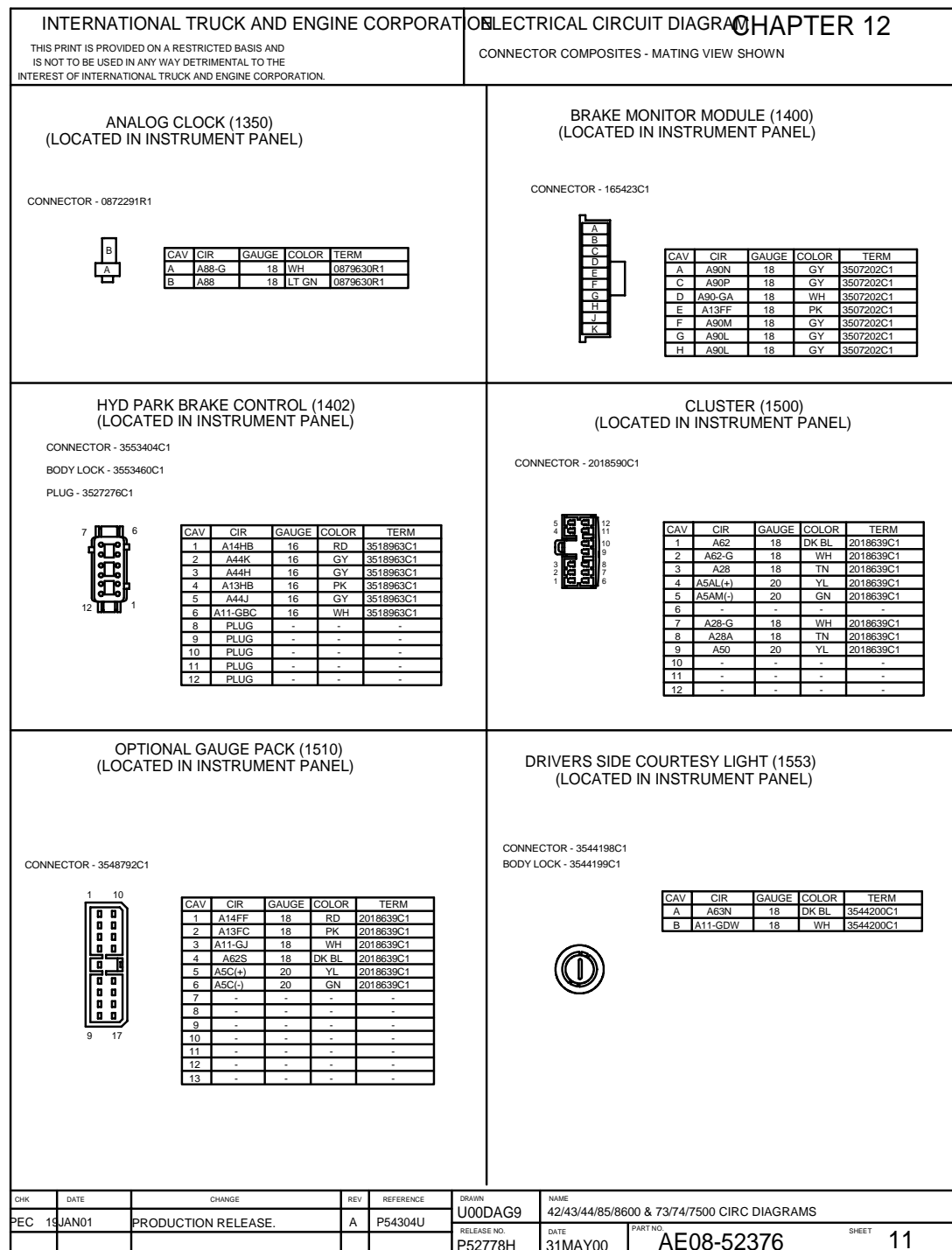


Figure 108 Connector Composites (1104), (1200), (1210)

12.10. CONNECTOR COMPOSITES (1300), (1301), P. 10



## 12.11. CONNECTOR COMPOSITES (1350), (1400), (1402), (1500), (1510), (1553), P. 11



**Figure 110 Connector Composites (1350), (1400), (1402), (1500), (1510), (1553)**

## 12.12. CONNECTOR COMPOSITES (1554F), (1555), (1600), (1601), (1650), (1652), P. 12

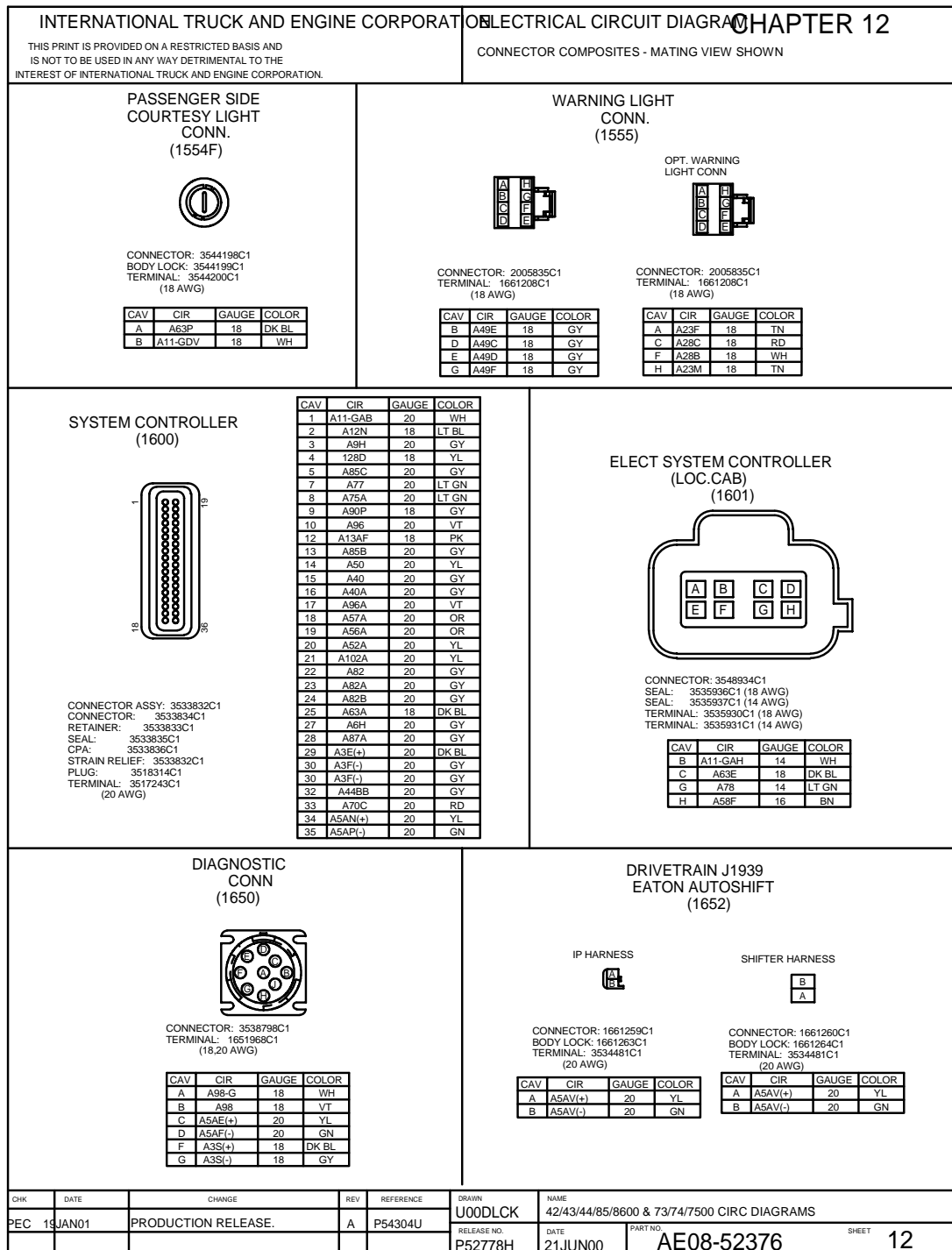
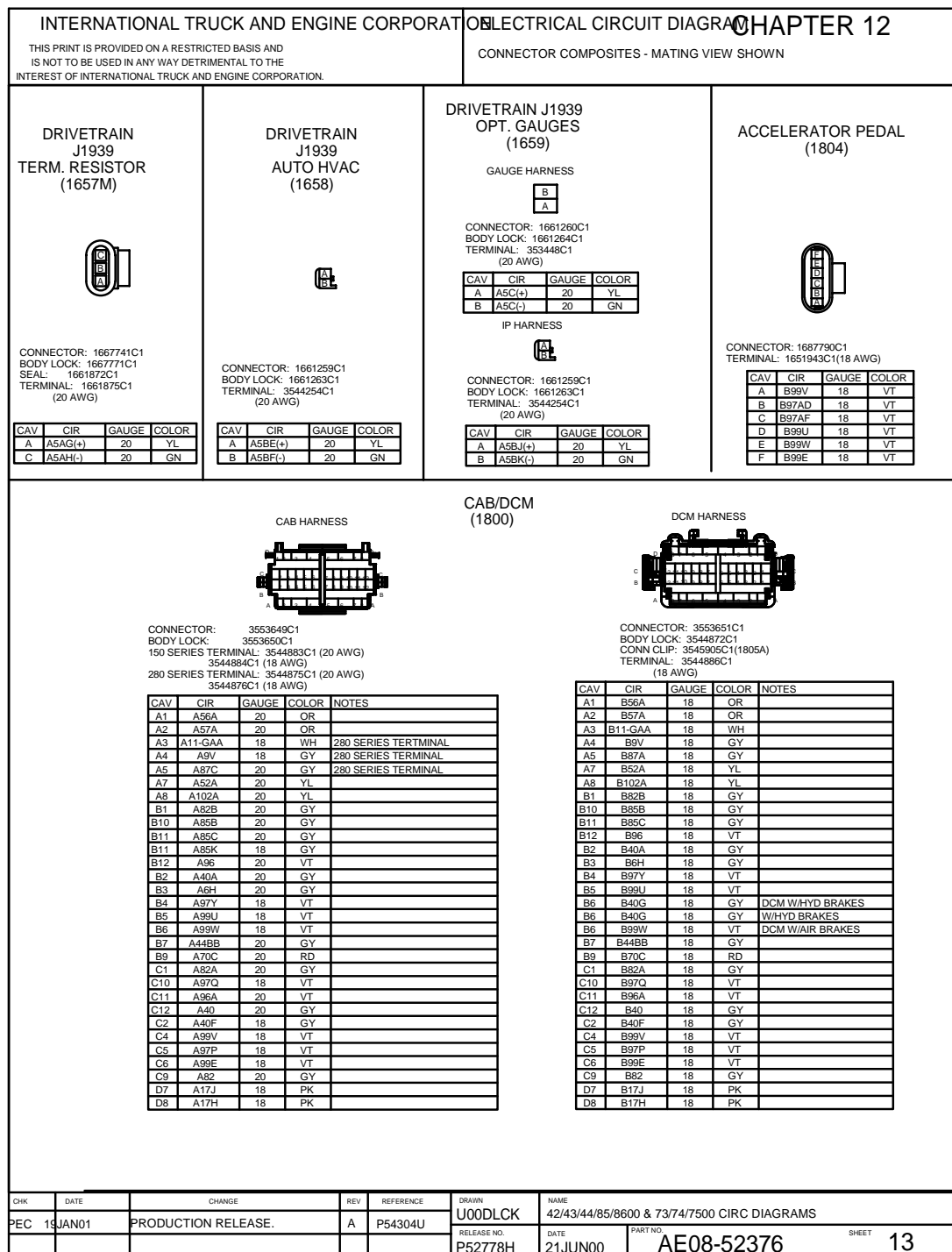


Figure 111 Connector Composites (1554F), (1555), (1600), (1601), (1650), (1652)

## 12.13. CONNECTOR COMPOSITES (1657M), (1658), (1659), (1800), (1804), P. 13



**Figure 112 Connector Composites (1657M), (1658), (1659), (1800), (1804)**

# 12.14. CONNECTOR COMPOSITES (1807), (1808), (1809), (1810), (1811), (1812), (1813), (1814), (1815), (1820), (1822), (1823), (1824), (1860), (1861), (1901M), P. 14

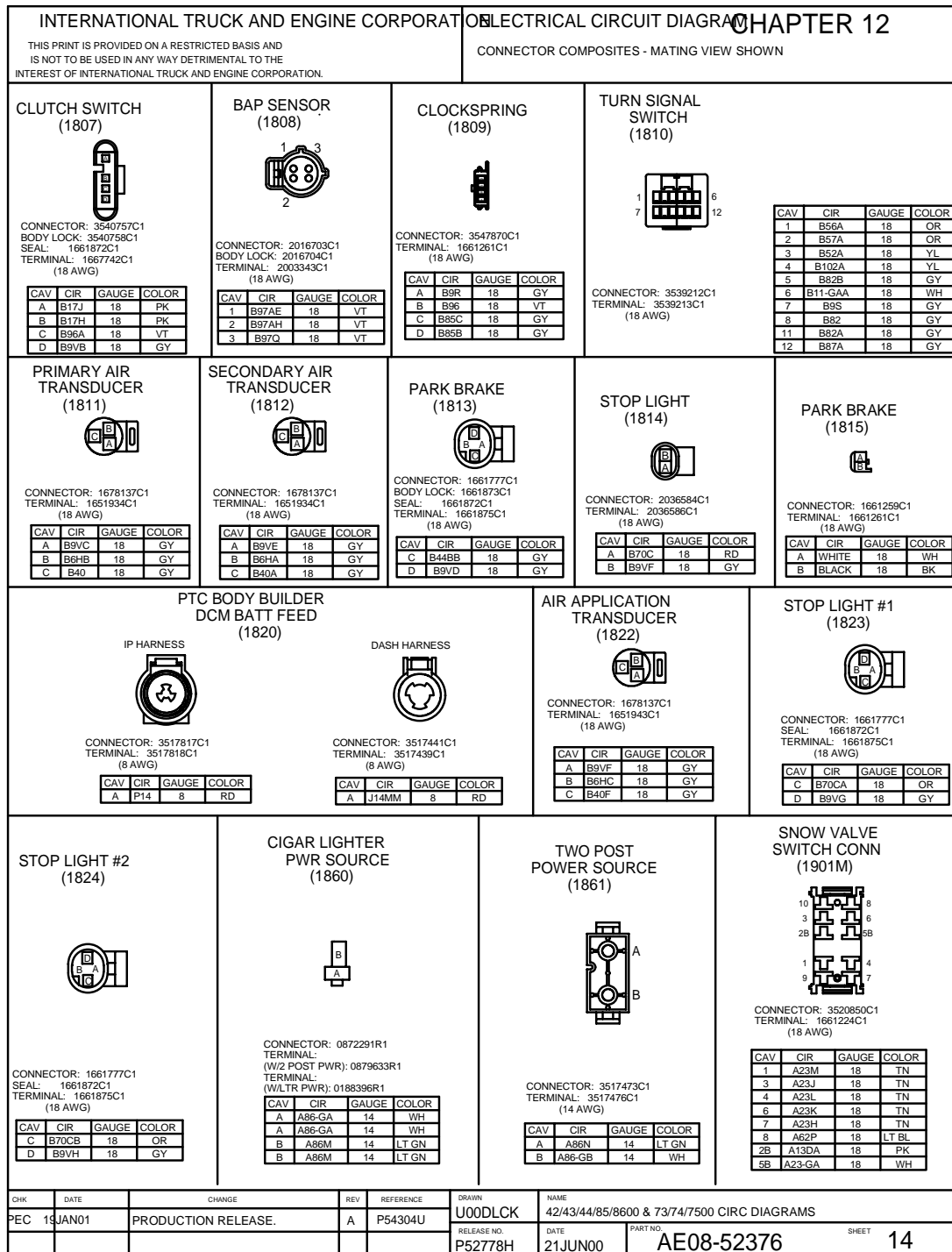
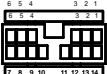
















Figure 113 Connector Composites (1807), (1808), (1809), (1810), (1811), (1812), (1813), (1814), (1815), (1820), (1822), (1823), (1824), (1860), (1861), (1901M)

## 12.15. CONNECTOR COMPOSITES (2000), (2002M), (2003M), (2004M), (2005M), (2006M), (2007F), (2111M), (2112M), (2113M), (2114M), (2115M), (2116M), (2117M), (2301M), P. 15

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																																																																																																																													
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																																																																													
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<b>REAR DOME LIGHT (2115M)</b> 				<b>DOME LAMP (2116M)</b> 				<b>DOME/READING LIGHT COMPASS/TEMP UNIT (2117M)</b> 				<b>RIGHT REAR SPEAKER (2301M)</b> 																																																																																																																																					
CONNECTOR: 1661889C1 BODY LOCK: 1661890C1 TERMINAL: 1661261C1 (18 AWG)				CONNECTOR: 3536187C1 BODY LOCK: 1661890C1 TERMINAL: 1661261C1 (18 AWG)				CONNECTOR: 3515762C1 BODY LOCK: 3515764C1-2 TERMINAL: 1661261C1 (18 AWG)				CONNECTOR: 3535769C1 BODY LOCK: 3535770C1 TERMINAL: 1661261C1 (18 AWG)																																																																																																																																					
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	DATE	PART NO.	SHEET																																																																																																																																								
PEC	15JAN01	PRODUCTION RELEASE.	A	P54304U	U00DLCK	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS	25AUG00	AE08-52376	15																																																																																																																																								
					P52778H																																																																																																																																												

**Figure 114 Connector Composites (2000), (2002M), (2003M), (2004M), (2005M), (2006M), (2007F), (2111M), (2112M), (2113M), (2114M), (2115M), (2116M), (2117M), (2301M)**

# 12.16. CONNECTOR COMPOSITES (2302M), (2303M), (2304M), (2305M), (2306M), (2307F), (2308F), (2502F, M) (2503F, M), (2600F, M), (2601M, F), (2602M, F), P. 16

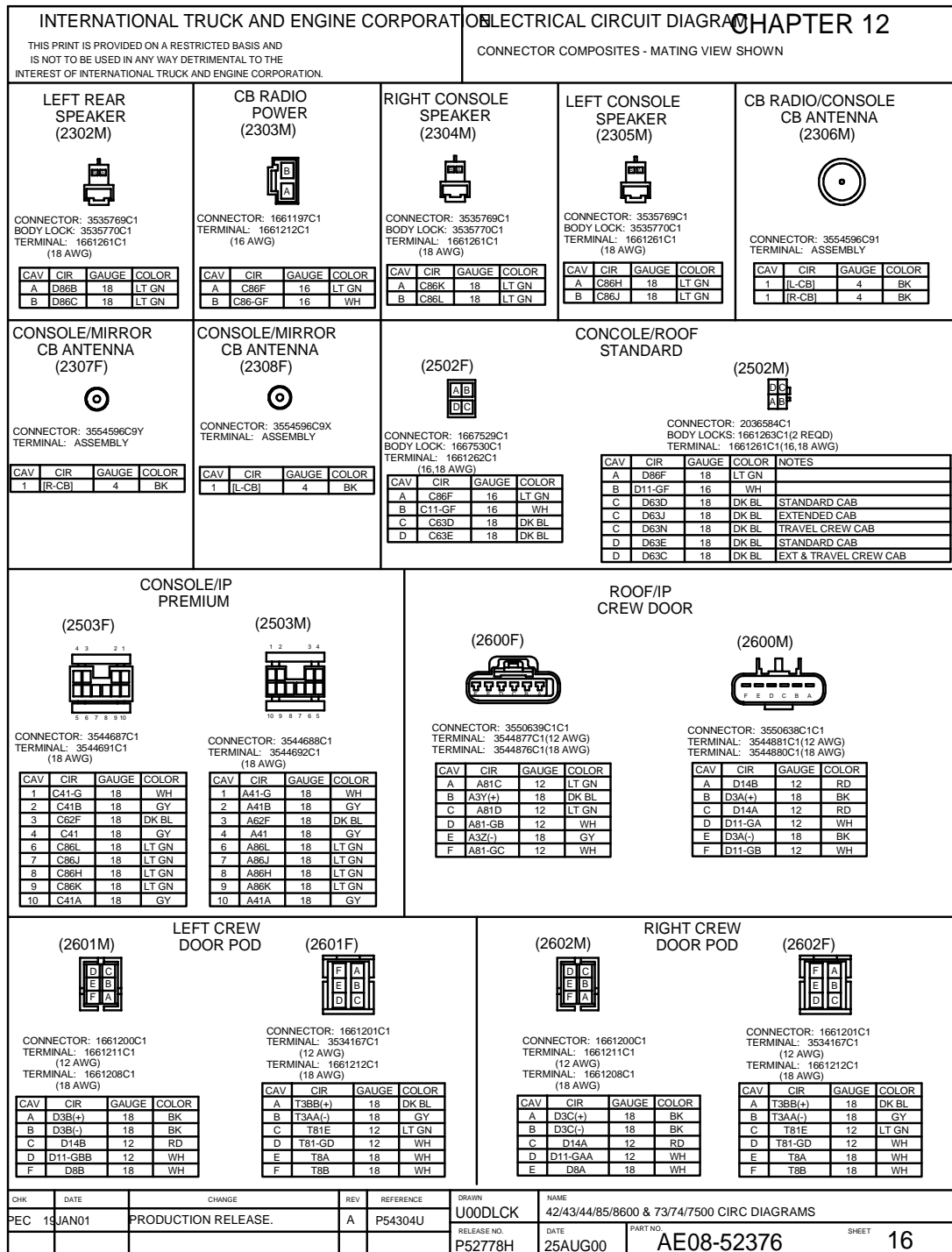
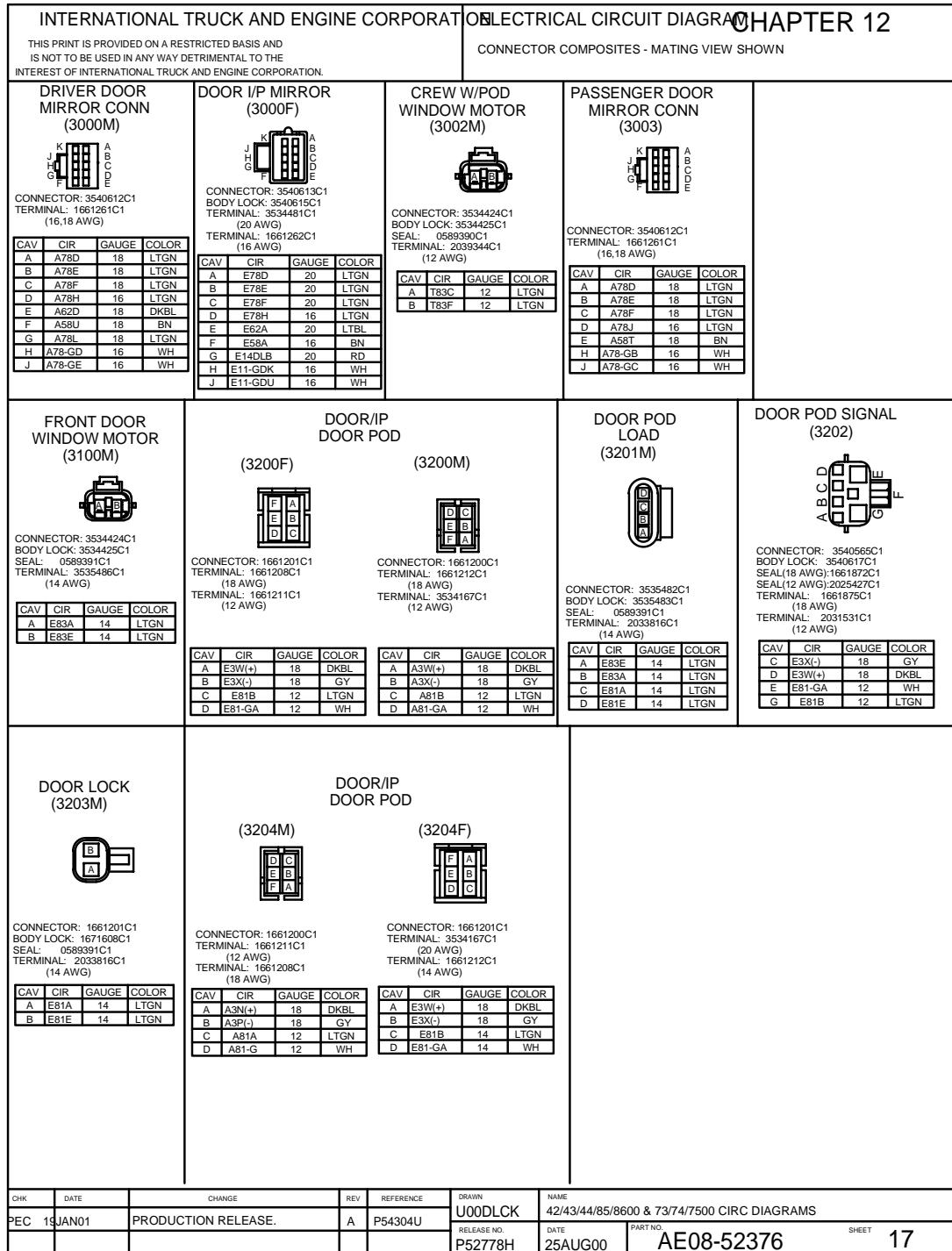


Figure 115 Connector Composites (2302M), (2303M), (2304M), (2305M), (2306M), (2307F), (2308F), (2502F, M), 2503F, M), (2600F, M), (2601M, F), (2602M, F)



## 12.17. CONNECTOR COMPOSITES (3000M), (3000F), (3002M), (3003), (3100M), (3200F, M), (3201M), (3202), (3203M), (3204M, F), P. 17



**Figure 116 Connector Composites (3000M), (3000F), (3002M), (3003), (3100M), (3200F, M), (3201M), (3202), (3203M), (3204M, F)**

# 12.18. CONNECTOR COMPOSITES (3209), (3210M), (3211M), (4000), (4001), P. 18

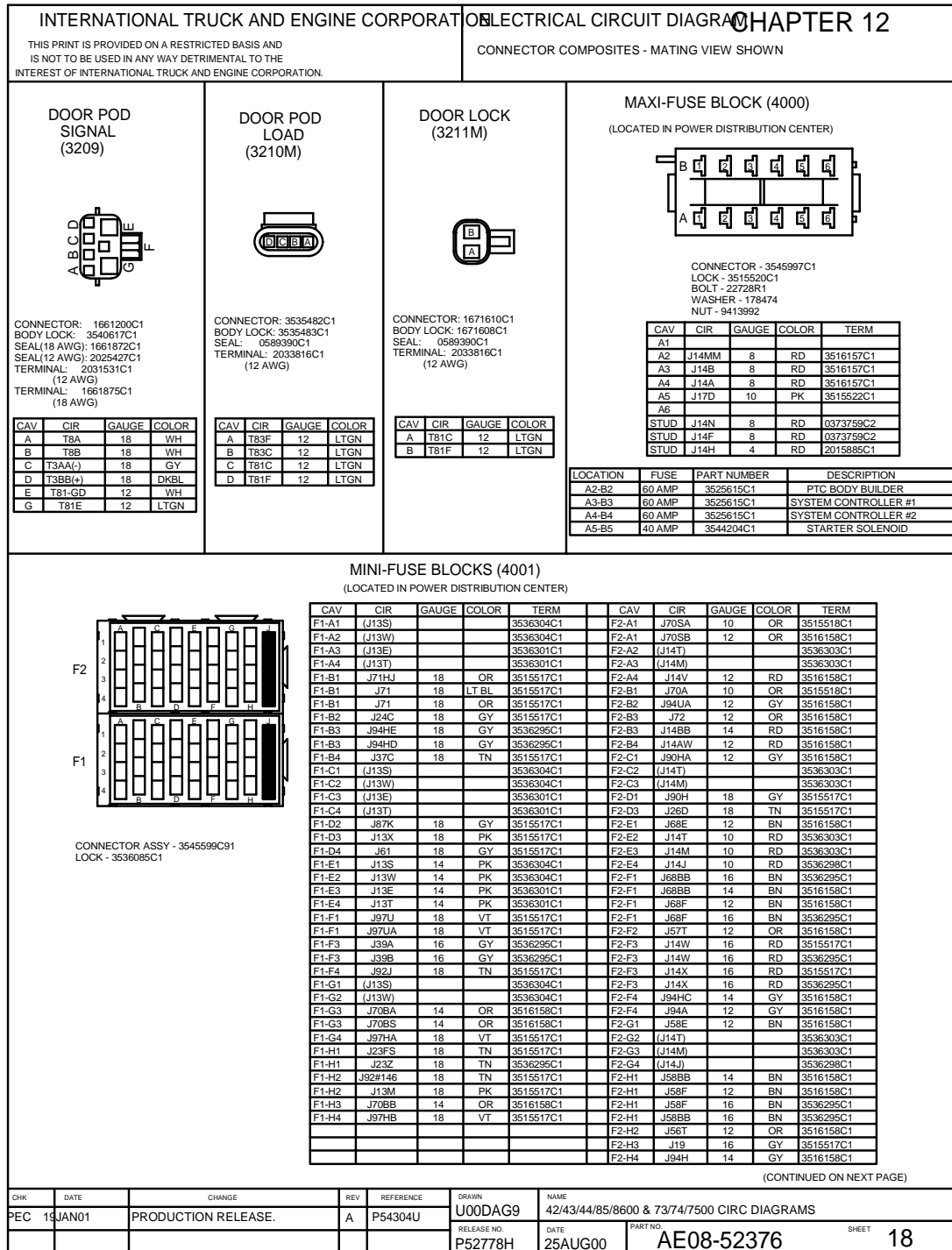


Figure 117 Connector Composites (3209), (3210M), (3211M), (4000), (4001)

## 12.19. CONNECTOR COMPOSITES (4001), (4002), P. 19

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR COMPOSITES - MATING VIEW SHOWN			

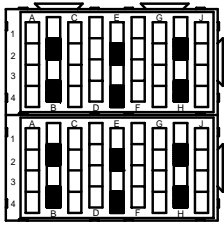
  

**MINI-FUSE BLOCKS (4001)**  
(CONTINUED FROM PREVIOUS PAGE)

LOCATION	FUSE	PART NUMBER	DESCRIPTION	LOCATION	FUSE	PART NUMBER	DESCRIPTION
F1-A1&B1	10 AMP	3534209C1	BACK UP LAMPS	F2-A1&B1	30 AMP	3534213C1	TRAILER STOP LAMPS
F1-C1&D1	-	-	-	F2-C1&D1	5 AMP	3534208C1	HYDRAMAX SENSE
F1-E1&F1	5 AMP	3534208C1	ENGINE IGN	F2-E1&F1	20 AMP	3534211C1	TRAILER/BODY TAIL LAMPS
F1-G1&H1	10 AMP	3534209C1	FAN SOLENOID	F2-G1&H1	20 AMP	3534211C1	TRAILER/BODY MARKER LAMPS
F1-I1&J1	5 AMP	3534208C1	FAN CLUTCH	F2-A2&B2	30 AMP	3534213C1	TRAILER ABS
F1-K2&L2	5 AMP	3534208C1	EXHAUST BRAKE	F2-C2&D2	-	-	-
F1-M2&N2	5 AMP	3534208C1	WASHER PUMP	F2-E2&F2	15 AMP	3534210C1	TRAILER RIGHT TURNS
F1-G2&H2	10 AMP	3534209C1	XMSN IGN/NEUTRAL	F2-G2&H2	15 AMP	3534210C1	TRAILER LEFT TURNS
F1-A3&B3	5 AMP	3534208C1	HYD ABS ECU IGN	F2-A3&B3	25 AMP	3534212C1	TRAILER AUX/BODY BUILDER ACC
F1-C3&D3	10 AMP	3534209C1	IGNITION	F2-A3&B3	20 AMP	3534212C1	BODY BUILDER ACC
F1-E3&F3	20 AMP	3534211C1	AIR DRYER/DRAIN VALVE	F2-C3&D3	5 AMP	3534208C1	PAM MODULE
F1-G3&H3	15 AMP	3534210C1	BODY BUILDER STOP LAMPS	F2-E3&F3	5 AMP	3534208C1	REMOTE POWER MODULES
F1-I3&J3	10 AMP	3534209C1	FUEL TRANSFER PUMP	F2-G3&H3	20 AMP	3534211C1	FUEL HEATER
F1-K4&L4	5 AMP	3534208C1	AIR SUSPENSION	F2-A4&B4	30 AMP	3534213C1	AUTOSHIFT XMSN
F1-M4&N4	5 AMP	3534208C1	AUTO NEUTRAL	F2-C4&D4	-	-	-
F1-G4&H4	5 AMP	3534208C1	V8 ENGINE ECM	F2-E4&F4	30 AMP	3534213C1	AIR ABS ECU
				F2-G4&H4	30 AMP	3534213C1	HYD ABS MODULATOR
				F2-I4&J4	25 AMP	3534212C1	HYD ABS ECU BATT
				F2-A3&B3	20 AMP	3534211C1	BODY BUILDER ACCESSORY

**MICRO RELAY BLOCKS (4002)**  
(LOCATED IN POWER DISTRIBUTION CENTER)



CONNECTOR ASSY - 3545598C91  
LOCK - 3536085C1  
MICRO RELAY - 3519350C1  
PLUG - 3555642C1

LOCATION	DESCRIPTION
M1-A3,M1-C4	EXHAUST BRAKE
M1-A3,M1-C4	FAN CLUTCH
M1-D1,M1-F2	BACK UP LAMPS W/WTEC XMSN
M1-D3,M1-F4	CRANK ENABLE W/AUTONEUTRAL
M1-G3,M1-J4	FUEL HEATER
M2-A1,M2-C2	NEUTRAL W/WTEC AUTONEUTRAL
M2-A3,M2-C4	TRAILER LEFT TURNS
M2-D1,M2-F2	HYD ABS WARN LAMP
M2-D1,M2-F2	AUX HEADLIGHT LO BEAM
M2-D3,M2-F4	TRAILER RIGHT TURNS
M2-G1,M2-J2	HYD ABS EVENT
M2-G1,M2-J2	AUX HEADLIGHT HI BEAM
M2-G6,M2-H4	AUTO NEUTRAL LAMP

CAV	CIR	GAUGE	COLOR	TERM	CAV	CIR	GAUGE	COLOR	TERM
M1-C4	J23Z	-	-	3536300C1	M2-C4	J56H	16	OR	3515517C1
M1-A4	J23Z	18	TN	3536300C1	M2-C4	J56K	16	OR	3515517C1
M1-A3	J23A	18	TN	3515517C1	M2-A4	J56T	12	OR	3516158C1
M1-B3	J23	18	TN	3515517C1	M2-C3	J56C	12	OR	3516158C1
M1-C4	J24C	18	GY	3536300C1	M2-A3	J56-GH	18	WH	3515517C1
M1-A4	J24C	-	-	3536300C1	M2-B4	PLUG	-	-	-
M1-C3	J24B	18	GY	3515517C1	M2-F2	J94HEA	18	GY	3536295C1
M1-A3	J24A	18	GY	3515517C1	M2-F2	J94HE	18	GY	3536295C1
M1-B4	PLUG	-	-	-	M2-D2	J94-GHE	18	WH	3515517C1
M1-D1	J71H113	18	OR	3515517C1	M2-E1	J94HR	18	GY	3515517C1
M1-D2	J71J	18	OR	3515517C1	M2-D1	J94HJ	18	GY	3515517C1
M1-F1	J71B	18	OR	3515517C1	M2-E2	PLUG	-	-	-
M1-F2	J71H	18	OR	3515517C1	M2-F2	J64AB	16	YL	3536295C1
M1-E2	PLUG	-	-	-	M2-F2	J64C	16	YL	3536295C1
M1-F4	J92HM4	18	TN	3536295C1	M2-D2	J53LO	14	YL	3516158C1
M1-D4	J17	18	PK	3515517C1	M2-E1	J53B	14	YL	3516158C1
M1-F3	J17SA	18	PK	3515517C1	M2-F1	J64LO	14	YL	3516158C1
M1-D3	J17-GR1	18	PK	3515517C1	M2-D1	J64-GA	18	WH	3536295C1
M1-E4	PLUG	-	-	-	M2-D1	J64-G	18	WH	3536295C1
M1-J4	J13AS	18	PK	3515517C1	M2-E2	PLUG	-	-	-
M1-G4	J19A	16	GY	3515517C1	M2-F4	J57H	16	OR	3515517C1
M1-G4	J19E	16	GY	3536295C1	M2-F4	J57K	16	OR	3515517C1
M1-J3	J19	16	GY	3515517C1	M2-D4	J57T	12	OR	3516158C1
M1-G3	J19-G	18	WH	3515517C1	M2-F3	J57C	12	OR	3516158C1
M1-H4	PLUG	-	-	-	M2-D3	J57-GH	18	WH	3515517C1
M2-A1	J92A114	18	TN	3515517C1	M2-E4	PLUG	-	-	-
M2-A2	J17BC	18	PK	3515517C1	M2-J2	J94HV	18	GY	3515517C1
M2-B1	J92HM5	18	TN	3515517C1	M2-G2	J94HH	18	GY	3515517C1
M2-C1	J92J	18	TN	3536295C1	M2-J1	J94HEA	18	GY	3515517C1
M2-C1	J92JA	18	TN	3536295C1	M2-G1	J94-GHF	18	WH	3515517C1
M2-C2	J92JA	18	TN	3536295C1	M2-H2	PLUG	-	-	-
M2-B2	PLUG	-	-	-	M2-J2	J64C	16	YL	3515517C1
					M2-G2	J52HI	14	YL	3516158C1
					M2-H1	J52B	14	YL	3516158C1
					M2-J1	J64HI	14	YL	3516158C1
					M2-G1	J64-GA	18	WH	3515517C1
					M2-H2	PLUG	-	-	-
					M2-G3	J92-GJ	18	WH	3515517C1
					M2-G4	J92APA	18	TN	3515517C1
					M2-H3	J17BD	18	PK	3515517C1
					M2-J4	J92AY	18	TN	3515517C1
					M2-H4	PLUG	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
PEC	19JAN01	PRODUCTION RELEASE.	A	P54304U	U00DAG9	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS
					RELEASE NO.	DATE
					P52778H	28JUN00
					PART NO.	SHEET
					AE08-52376	19

**Figure 118 Connector Composites (4001), (4002)**

## 12.20. CONNECTOR COMPOSITES (4003), (4004), P. 20

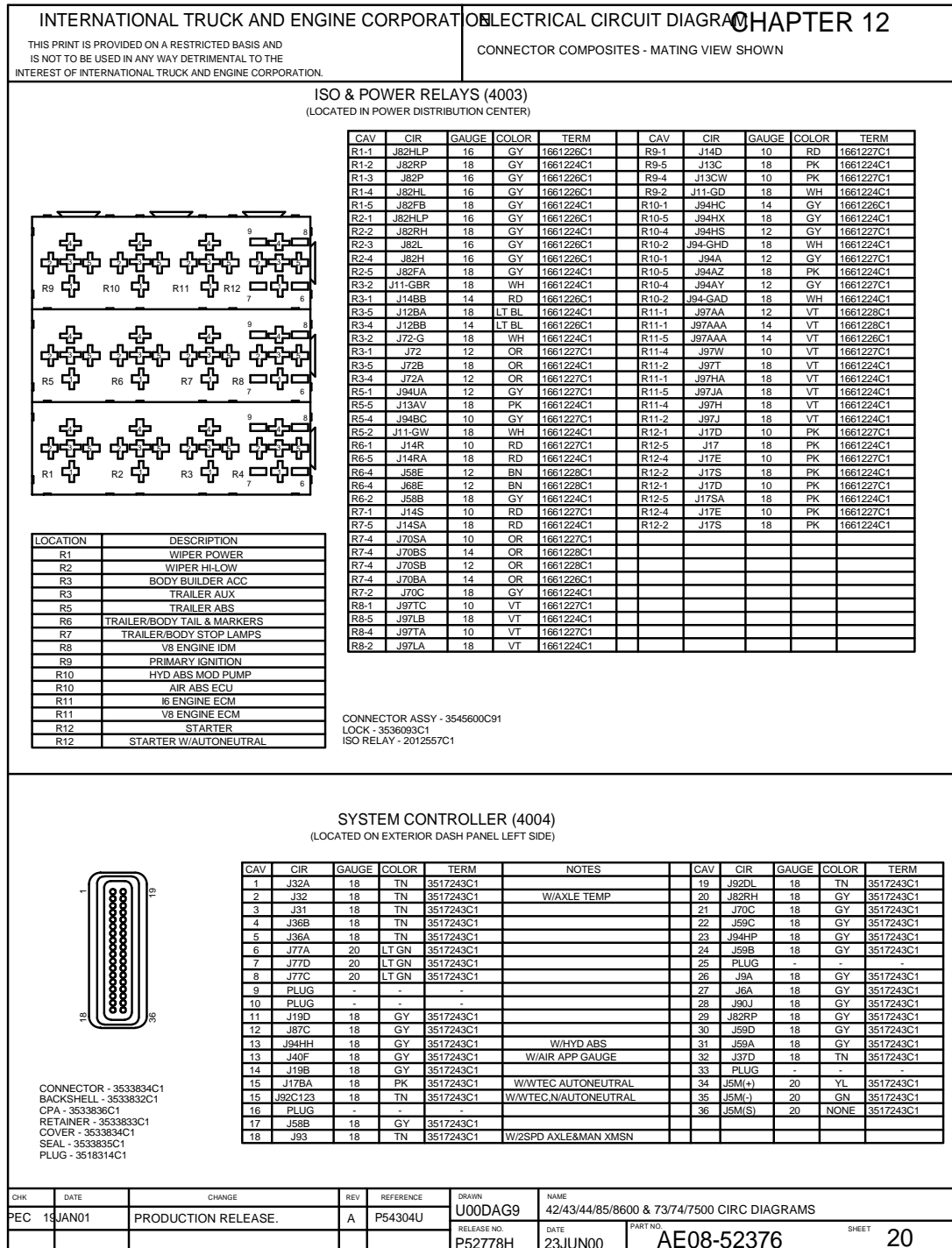


Figure 119 Connector Composites (4003), (4004)

12.21. CONNECTOR COMPOSITES (4007), (4008), (4009), (4010), P. 21

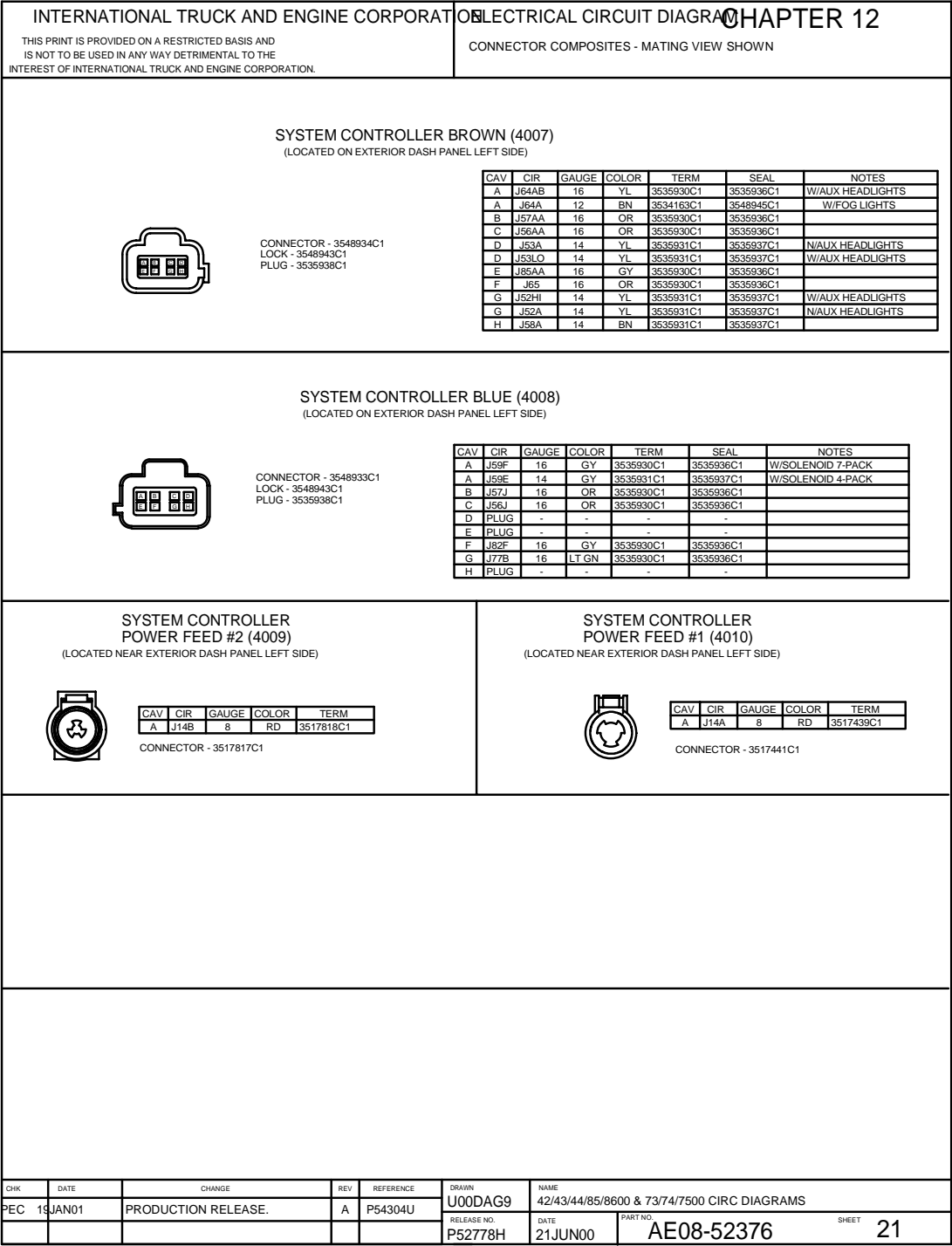


Figure 120 Connector Composites (4007), (4008), (4009), (4010)

## 12.22. CONNECTOR COMPOSITE (4014), P. 22

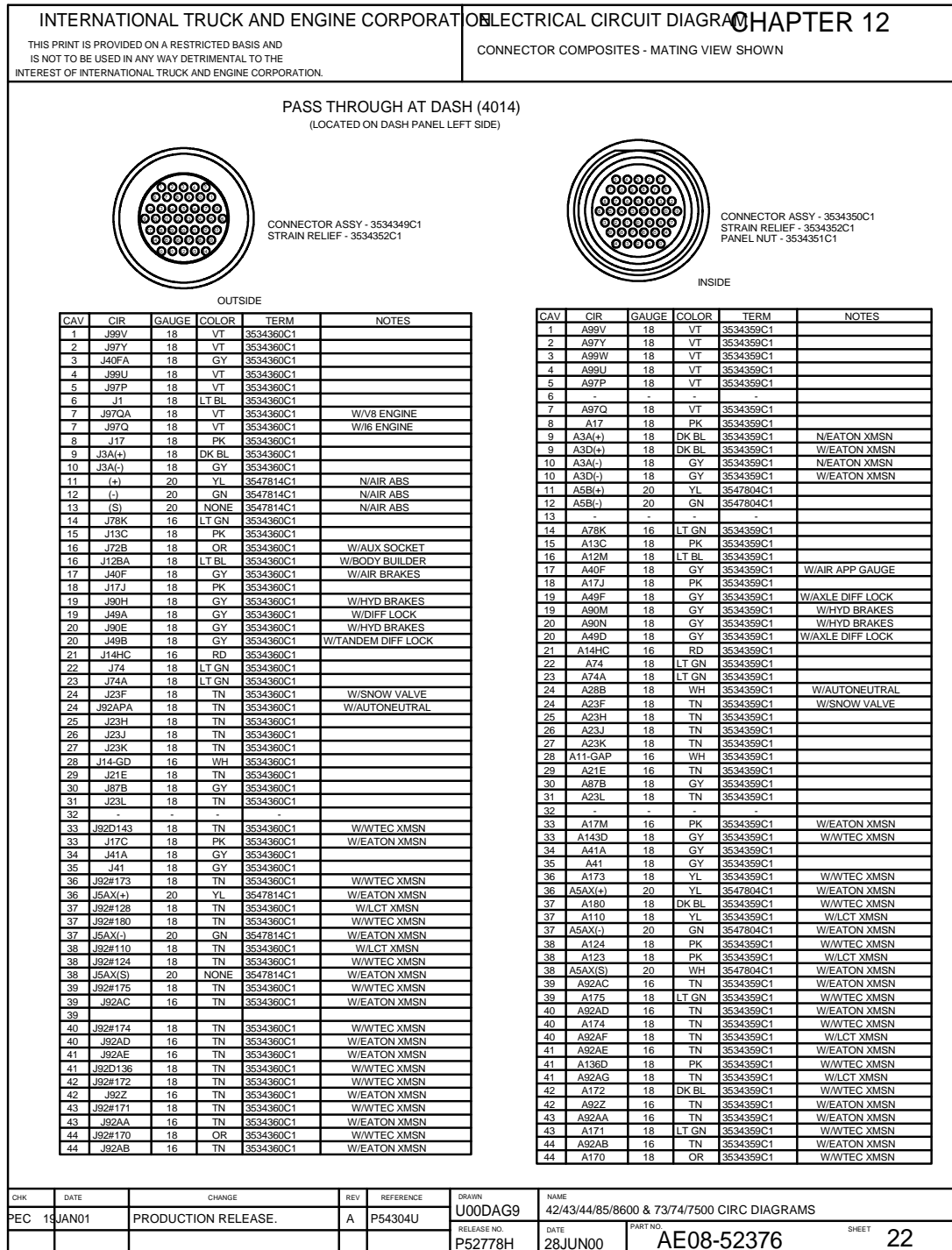
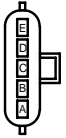







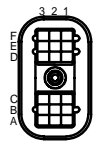


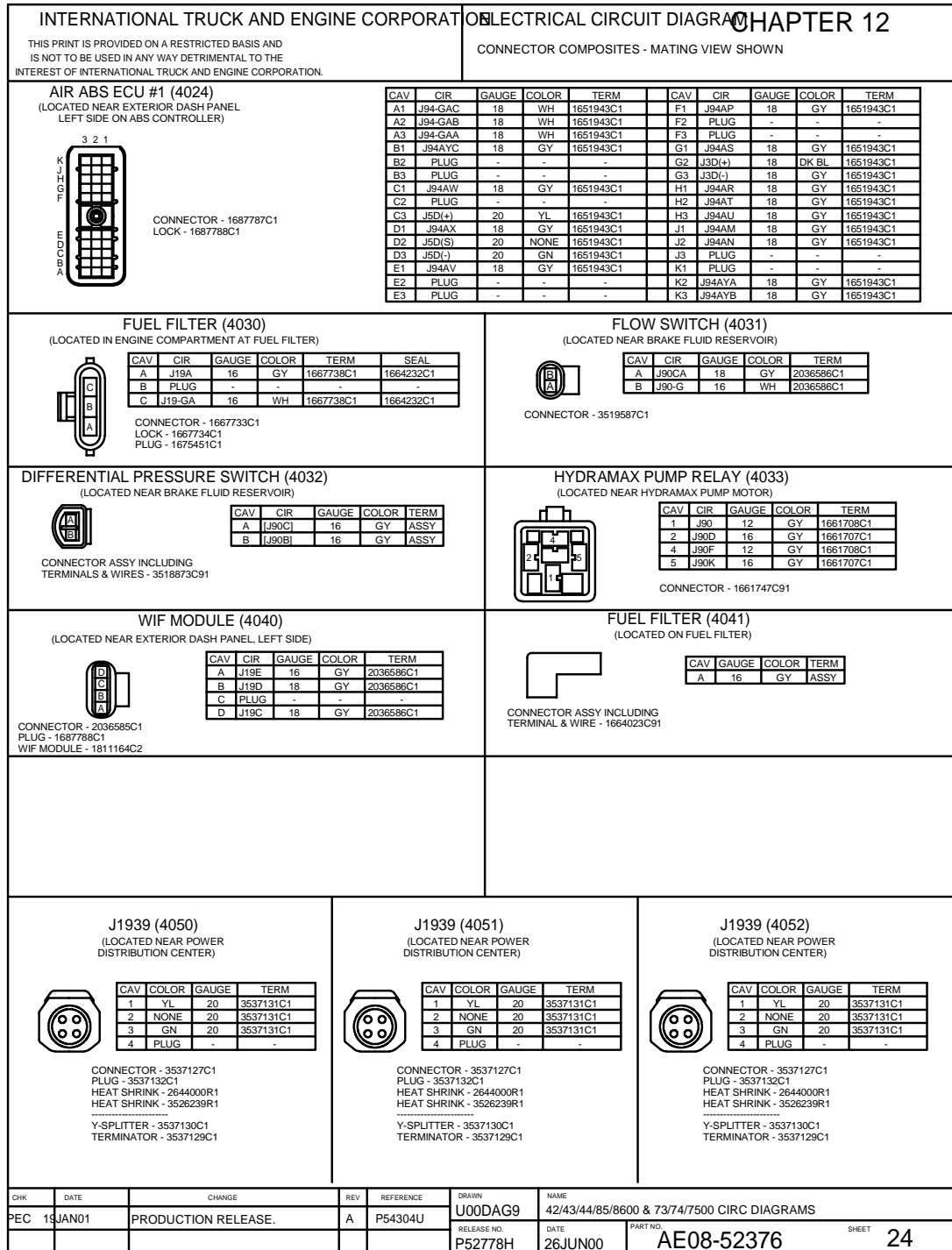
Figure 121 Connector Composite (4014)

## 12.23. CONNECTOR COMPOSITES (4015), (4017), (4018), (4019), (4020), (4021), (4022), (4023), P. 23

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																																																																																							
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<p align="center"><b>WIPER MOTOR (4015)</b> (LOCATED ON EXTERIOR DASH PANEL, CENTER)</p>  <table border="1" style="width:100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>J82B</td><td>16</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>J82P</td><td>16</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>J82-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>D</td><td>J82H</td><td>16</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>E</td><td>J82L</td><td>16</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table> <p>CONNECTOR - 1661375C2 LOCK - 1661376C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	J82B	16	GY	2033819C1	1652325C1	B	J82P	16	GY	2033819C1	1652325C1	C	J82-G	16	WH	2033819C1	1652325C1	D	J82H	16	GY	2033819C1	1652325C1	E	J82L	16	GY	2033819C1	1652325C1	<p align="center"><b>HVAC RECIRC MOTOR (4017)</b> (LOCATED ON EXTERIOR DASH PANEL, RIGHT SIDE)</p>  <table border="1" style="width:100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>J74</td><td>18</td><td>LT GN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>D</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>J74A</td><td>18</td><td>LT GN</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> <p>CONNECTOR - 2011340C1 LOCK - 2011364C1 PLUG - 2025431C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	J74	18	LT GN	1661875C1	1661872C1	B	PLUG	-	-	-	-	C	PLUG	-	-	-	-	D	PLUG	-	-	-	-	E	PLUG	-	-	-	-	F	J74A	18	LT GN	1661875C1	1661872C1																						
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																																						
A	J82B	16	GY	2033819C1	1652325C1																																																																																																						
B	J82P	16	GY	2033819C1	1652325C1																																																																																																						
C	J82-G	16	WH	2033819C1	1652325C1																																																																																																						
D	J82H	16	GY	2033819C1	1652325C1																																																																																																						
E	J82L	16	GY	2033819C1	1652325C1																																																																																																						
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																																						
A	J74	18	LT GN	1661875C1	1661872C1																																																																																																						
B	PLUG	-	-	-	-																																																																																																						
C	PLUG	-	-	-	-																																																																																																						
D	PLUG	-	-	-	-																																																																																																						
E	PLUG	-	-	-	-																																																																																																						
F	J74A	18	LT GN	1661875C1	1661872C1																																																																																																						
<p align="center"><b>A/C ACCUMULATOR THERMISTOR #2 (4018)</b> (LOCATED ON EXTERIOR DASH PANEL RIGHT SIDE)</p>  <table border="1" style="width:100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr><td>A</td><td>J77A</td><td>20</td><td>LT GN</td><td>3536590C1</td></tr> <tr><td>B</td><td>J9J</td><td>20</td><td>GY</td><td>3536590C1</td></tr> </tbody> </table> <p>CONNECTOR - 3535379C1 LOCK - 3536591C1</p>				CAV	CIR	GAUGE	COLOR	TERM	A	J77A	20	LT GN	3536590C1	B	J9J	20	GY	3536590C1	<p align="center"><b>A/C ACCUMULATOR THERMISTOR #1 (4019)</b> (LOCATED ON EXTERIOR DASH PANEL RIGHT SIDE)</p>  <table border="1" style="width:100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr><td>A</td><td>J77D</td><td>20</td><td>LT GN</td><td>3536590C1</td></tr> <tr><td>B</td><td>J9K</td><td>20</td><td>GY</td><td>3536590C1</td></tr> </tbody> </table> <p>CONNECTOR - 3535379C1 LOCK - 3536591C1</p>				CAV	CIR	GAUGE	COLOR	TERM	A	J77D	20	LT GN	3536590C1	B	J9K	20	GY	3536590C1																																																																						
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<p align="center"><b>FUEL FILTER &amp; WARN LIGHTS (4020)</b> (LOCATED NEAR WIPER MOTOR BRACKET)</p>  <table border="1" style="width:100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>J19A</td><td>16</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>J19B</td><td>18</td><td>GY</td><td>2033819C1</td><td>3517771C1</td></tr> <tr><td>C</td><td>J19C</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table> <p>DASH HARNESS CONNECTOR - 1686834C1 LOCK - 1684408C1 PLUG - 058759C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	J19A	16	GY	2033819C1	1652325C1	B	J19B	18	GY	2033819C1	3517771C1	C	J19C	18	GY	2033819C1	1652325C1	<p align="center"><b>FUEL FILTER &amp; WARN LIGHTS (4020)</b> (LOCATED NEAR WIPER MOTOR BRACKET)</p>  <table border="1" style="width:100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>J19A</td><td>16</td><td>GY</td><td>2033811C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>J19B</td><td>16</td><td>GY</td><td>2033811C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>J19C</td><td>16</td><td>GY</td><td>2033811C1</td><td>1652325C1</td></tr> </tbody> </table> <p>ENGINE HARNESS CONNECTOR - 3553961C1 LOCK - 3554019C1 PLUG - 058759C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	J19A	16	GY	2033811C1	1652325C1	B	J19B	16	GY	2033811C1	1652325C1	C	J19C	16	GY	2033811C1	1652325C1																																																				
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<p align="center"><b>WASHER PUMP (4021)</b> (LOCATED AT WASHER BOTTLE)</p>  <table border="1" style="width:100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>J87B</td><td>18</td><td>GY</td><td>3554326C1</td><td>3554319C1</td></tr> <tr><td>2</td><td>J87K</td><td>18</td><td>GY</td><td>3554326C1</td><td>3554319C1</td></tr> </tbody> </table> <p>CONNECTOR - 35554294C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	J87B	18	GY	3554326C1	3554319C1	2	J87K	18	GY	3554326C1	3554319C1	<p align="center"><b>WASHER FLUID LEVEL SENSOR (4022)</b> (LOCATED AT WASHER BOTTLE)</p>  <table border="1" style="width:100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>J87C</td><td>18</td><td>GY</td><td>3554322C1</td><td>3554318C1</td></tr> <tr><td>2</td><td>J87H</td><td>18</td><td>GY</td><td>3554322C1</td><td>3554318C1</td></tr> </tbody> </table> <p>CONNECTOR - 3554317C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	J87C	18	GY	3554322C1	3554318C1	2	J87H	18	GY	3554322C1	3554318C1																																																																
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																																						
1	J87B	18	GY	3554326C1	3554319C1																																																																																																						
2	J87K	18	GY	3554326C1	3554319C1																																																																																																						
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																																						
1	J87C	18	GY	3554322C1	3554318C1																																																																																																						
2	J87H	18	GY	3554322C1	3554318C1																																																																																																						
<p align="center"><b>AIR ABS ECU #2 (4023)</b> (LOCATED NEAR EXTERIOR DASH PANEL LEFT SIDE ON ABS CONTROLLER)</p>  <table border="1" style="width:100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr><td>A1</td><td>J94AH</td><td>18</td><td>GY</td><td>1651943C1</td><td>D1</td><td>J94AC</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>A2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>D2</td><td>J94ATC</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>A3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>D3</td><td>J94ATR</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>B1</td><td>J94AJ</td><td>18</td><td>GY</td><td>1651943C1</td><td>E1</td><td>J94AE</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>B2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>E2</td><td>J94AL</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>B3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>E3</td><td>J94AK</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>C1</td><td>J94AF</td><td>18</td><td>GY</td><td>1651943C1</td><td>F1</td><td>J94AD</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>C2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>F2</td><td>J94AB</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>C3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>F3</td><td>J94AA</td><td>18</td><td>GY</td><td>1651943C1</td></tr> </tbody> </table> <p>CONNECTOR - 2010376C1 PLUG - 1687786C1</p>								CAV	CIR	GAUGE	COLOR	TERM	CAV	CIR	GAUGE	COLOR	TERM	A1	J94AH	18	GY	1651943C1	D1	J94AC	18	GY	1651943C1	A2	PLUG	-	-	-	D2	J94ATC	18	GY	1651943C1	A3	PLUG	-	-	-	D3	J94ATR	18	GY	1651943C1	B1	J94AJ	18	GY	1651943C1	E1	J94AE	18	GY	1651943C1	B2	PLUG	-	-	-	E2	J94AL	18	GY	1651943C1	B3	PLUG	-	-	-	E3	J94AK	18	GY	1651943C1	C1	J94AF	18	GY	1651943C1	F1	J94AD	18	GY	1651943C1	C2	PLUG	-	-	-	F2	J94AB	18	GY	1651943C1	C3	PLUG	-	-	-	F3	J94AA	18	GY	1651943C1
CAV	CIR	GAUGE	COLOR	TERM	CAV	CIR	GAUGE	COLOR	TERM																																																																																																		
A1	J94AH	18	GY	1651943C1	D1	J94AC	18	GY	1651943C1																																																																																																		
A2	PLUG	-	-	-	D2	J94ATC	18	GY	1651943C1																																																																																																		
A3	PLUG	-	-	-	D3	J94ATR	18	GY	1651943C1																																																																																																		
B1	J94AJ	18	GY	1651943C1	E1	J94AE	18	GY	1651943C1																																																																																																		
B2	PLUG	-	-	-	E2	J94AL	18	GY	1651943C1																																																																																																		
B3	PLUG	-	-	-	E3	J94AK	18	GY	1651943C1																																																																																																		
C1	J94AF	18	GY	1651943C1	F1	J94AD	18	GY	1651943C1																																																																																																		
C2	PLUG	-	-	-	F2	J94AB	18	GY	1651943C1																																																																																																		
C3	PLUG	-	-	-	F3	J94AA	18	GY	1651943C1																																																																																																		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																																					
PEC	15JAN01	PRODUCTION RELEASE.	A	P54304U	U00DAG9	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS																																																																																																					
					RELEASE NO.	DATE	PART NO.	SHEET																																																																																																			
					P52778H	28JUN00	AE08-52376	23																																																																																																			

**Figure 122 Connector Composites (4015), (4017), (4018), (4019), (4020), (4021), (4022), (4023)**

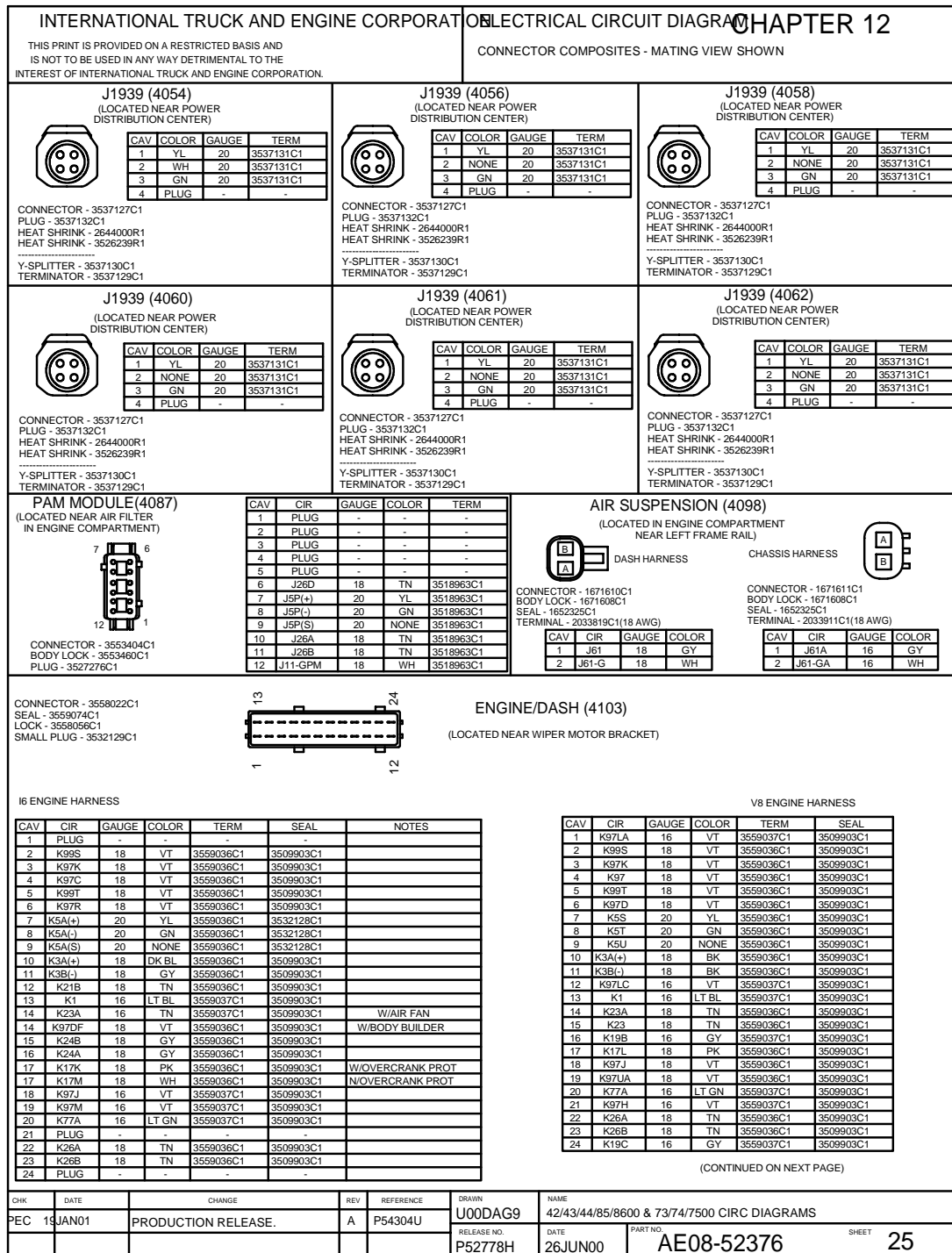
## 12.24. CONNECTOR COMPOSITES (4024), (4030), (4031), (4032), (4033), (4040), (4041), (4050), (4051), (4052), P. 24



**Figure 123 Connector Composites (4024), (4030), (4031), (4032), (4033), (4040), (4041), (4050), (4051), (4052)**



## 12.25. CONNECTOR COMPOSITES (4054), (4056), (4058), (4060), (4061), (4062), (4087), (4098), (4103), P. 25



**Figure 124 Connector Composites (4054), (4056), (4058), (4060), (4061), (4062), (4087), (4098), (4103)**

# 12.26. CONNECTOR COMPOSITES (4103 CONT.), (4105), (4111), (4120), (4301), P. 26

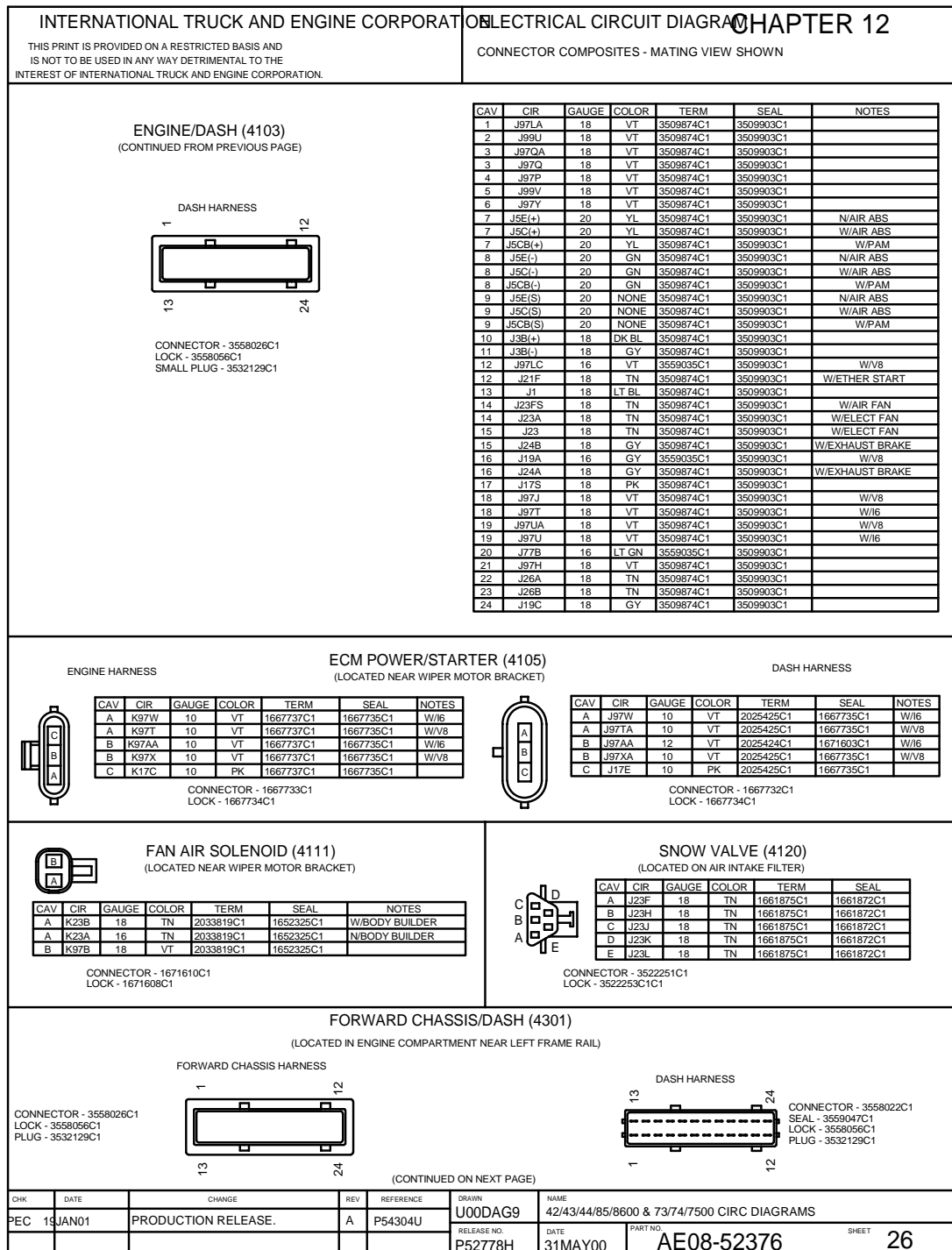



Figure 125 Connector Composites (4103 Cont.), (4105), (4111), (4120), (4301)

## 12.27. CONNECTOR COMPOSITES (4301 CONT.), (4305), (4410), (4410B), (4410C), P. 27

INTERNATIONAL TRUCK AND ENGINE CORPORATION						ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.						CONNECTOR COMPOSITES - MATING VIEW SHOWN							
FORWARD CHASSIS/DASH (4301) (CONTINUED FROM PREVIOUS PAGE)													
FORWARD CHASSIS HARNESS						DASH HARNESS							
CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES	CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES
1	M9	18	GY	3559036C1	3509903C1	W/AUX AIR	1	J94AP	18	GY	3509874C1	3509903C1	W/AIR ABS
1	M94	18	GY	3559036C1	3509903C1	W/AIR ABS	1	J6EA	18	GY	3509874C1	3509903C1	W/AUX AIR
2	M94A	18	GY	3559036C1	3509903C1	W/AIR ABS	2	J94AR	18	GY	3509874C1	3509903C1	W/AIR ABS
2	M6	18	GY	3559036C1	3509903C1	W/AUX AIR	2	J6BA	18	GY	3509874C1	3509903C1	W/AUX AIR
3	M40	18	GY	3559036C1	3509903C1	W/AUX AIR	3	J40FA	18	GY	3509874C1	3509903C1	W/AUX AIR
3	M94B	18	GY	3559036C1	3509903C1	W/AUX AIR	3	J94AS	18	GY	3509874C1	3509903C1	W/AIR ABS
4	M52B	14	YL	3559037C1	3509903C1	W/AIR ABS	4	J52A	14	YL	3559035C1	3509903C1	W/STD LIGHTS
4	M53	14	YL	3559037C1	3509903C1		4	J52B	14	YL	3559035C1	3509903C1	W/AUX LIGHTS
5	M94C	18	GY	3559036C1	3509903C1	W/AIR ABS	5	J53B	14	YL	3559035C1	3509903C1	W/STD LIGHTS
6	[M94L]	18	BK	3559036C1	3509903C1	W/HYD ABS	5	J53A	14	YL	3559035C1	3509903C1	W/AUX LIGHTS
7	M94D	18	GY	3559036C1	3509903C1	W/AIR ABS	6	J94HM	18	GY	3509874C1	3509903C1	W/HYD ABS
7	[M94M]	18	BN	3559036C1	3509903C1	W/HYD ABS	6	J94AM	18	GY	3509874C1	3509903C1	W/AIR ABS
8	M9	20	GY	3559036C1	3532128C1		7	J94HN	18	GY	3509874C1	3509903C1	W/HYD ABS
9	M56B	16	OR	3559037C1	3509903C1		7	J94AN	18	GY	3509874C1	3509903C1	W/AIR ABS
10	M85E	16	GY	3559037C1	3509903C1		8	J9Y	20	GY	3509874C1	3532128C1	
11	M57B	16	OR	3559037C1	3509903C1		9	J56A	16	OR	3559035C1	3509903C1	
12	M58B	14	BN	3559037C1	3509903C1		10	J85AA	16	GY	3559035C1	3509903C1	
13	M11-G	12	WH	3559037C1	3509903C1		11	J57A	16	OR	3559035C1	3509903C1	
14	M94E	18	GY	3559036C1	3509903C1	W/AIR ABS	12	J58AA	14	BN	3559035C1	3509903C1	
14	[M94N]	18	BK	3559036C1	3509903C1	W/HYD ABS	13	J11-G	12	WH	3559035C1	3509903C1	
15	M94F	18	GY	3559036C1	3509903C1	W/AIR ABS	16	J94AT	18	GY	3509874C1	3509903C1	W/AIR ABS
15	[M94P]	18	BN	3559036C1	3509903C1	W/HYD ABS	16	J94HT	18	GY	3509874C1	3509903C1	W/HYD ABS
16	M94H	18	GY	3559036C1	3509903C1		15	J94AU	18	GY	3509874C1	3509903C1	W/AIR ABS
17	M94J	18	GY	3559036C1	3509903C1		15	J94HU	18	GY	3509874C1	3509903C1	W/HYD ABS
18	M94K	18	GY	3559036C1	3509903C1		16	J94AV	18	GY	3509874C1	3509903C1	
19	M21C	18	TN	3559036C1	3509903C1		17	J94AW	18	GY	3509874C1	3509903C1	
20	M64LO	14	YL	3559037C1	3509903C1	W/AUX LIGHTS	18	J94AX	18	GY	3509874C1	3509903C1	
20	M64	16	YL	3559037C1	3509903C1	W/FOG LIGHTS	19	J21E	18	TN	3509874C1	3509903C1	
21	M78H	16	LT GN	3559037C1	3509903C1		20	J64A	12	BN	3559035C1	3509903C1	W/FOG LIGHTS
22	M21D	18	TN	3559036C1	3509903C1		20	J64LO	14	YL	3559035C1	3509903C1	W/AUX LIGHTS
23	M77	20	LT GN	3559036C1	3532128C1		21	J78K	16	LT GN	3559035C1	3509903C1	
24	M6	20	GY	3559036C1	3532128C1		22	J21F	18	TN	3509874C1	3509903C1	
							23	J77C	20	LT GN	3509874C1	3532128C1	
							24	J6E	18	LT GN	3509874C1	3509903C1	


**AUX FWD/DASH (4305)**  
(LOCATED IN ENGINE COMPARTMENT NEAR LEFT FRAME RAIL)



CONNECTOR - 2039311C91  
LOCK - 2039342C1  
PLUG - 587579C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL
A	J64H1	14	YL	3535486C1	589391C1
B	J41	18	GY	2039343C1	1652325C1
C	J41A	18	GY	2039343C1	1652325C1
D	J19C	18	GY	2039343C1	1652325C1
E	J19A	16	GY	2039343C1	1652325C1


**FWD CHASSIS HARNESS**



CONNECTOR - 2039312C91  
LOCK - 2039342C1  
PLUG - 587579C1

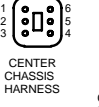
**REMOTE SOLENOID POWER MODULE (4410)**  
(LOCATED IN ENGINE COMPARTMENT NEAR LEFT FRAME RAIL)



CONNECTOR - 2005241C1  
LOCK - 2005243C1  
PLUG - 453133C1

CAV	CIR	GAUGE	COLOR	TERM
1	J59F	16	GY	1680206C1
2	J11-QOR	14	WH	2034787C1
3	J5N(+)	20	YL	1651969C1
4	J5N(-)	20	GN	1651969C1
5	J5N(S)	20	NONE	1651969C1
6	J14W	16	RD	1680206C1

**CENTER CHASSIS HARNESS**




CONNECTOR - 2005240C1  
LOCK - 2005242C1  
PLUG - 453133C1

CAV	CIR	GAUGE	COLOR	TERM
1	N59	14	GY	2034787C1
2	N10-GM	14	WH	2034787C1
3	N5(+)	20	YL	1651969C1
4	N5(-)	20	GN	1651969C1
5	N5(S)	20	NONE	1651969C1
6	N14	16	RD	1680205C1

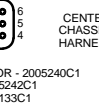
**SOLENOID MODULE (4410B)**  
(LOCATED UNDER CAB BY LEFT FRAME RAIL)



CONNECTOR - 2005240C1  
LOCK - 2005242C1  
PLUG - 453133C1

CAV	CIR	GAUGE	COLOR	TERM
1	N59	14	GY	2034787C1
2	N10-GM	14	WH	2034787C1
3	N5(+)	20	YL	1651969C1
4	N5(-)	20	GN	1651969C1
5	N5(S)	20	NONE	1651969C1
6	N14	16	RD	1680205C1

**SOLENOID MODULE (4410C)**  
(LOCATED UNDER CAB BY LEFT FRAME RAIL)



CONNECTOR - 2005240C1  
LOCK - 2005242C1  
PLUG - 453133C1

CAV	CIR	GAUGE	COLOR	TERM
1	N59A	14	GY	2034787C1
2	N10-GN	14	WH	2034787C1
3	N5(+)	20	YL	1651969C1
4	N5(-)	20	GN	1651969C1
5	N5(S)	20	NONE	1651969C1
6	N14A	16	RD	1680205C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	RELEASE NO.	DATE	PART NO.	SHEET
PEC	15JAN01	PRODUCTION RELEASE.	A	P54304U	U00DAG9	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS	P52778H	26JUN00	AE08-52376	27

**Figure 126 Connector Composites (4301 Cont.), (4305), (4410), (4410B), (4410C)**

## 12.28. CONNECTOR COMPOSITES (4410D), (4410E), (4410H), (4410M), (4411), (4411A), (4411B), (4412), P. 28

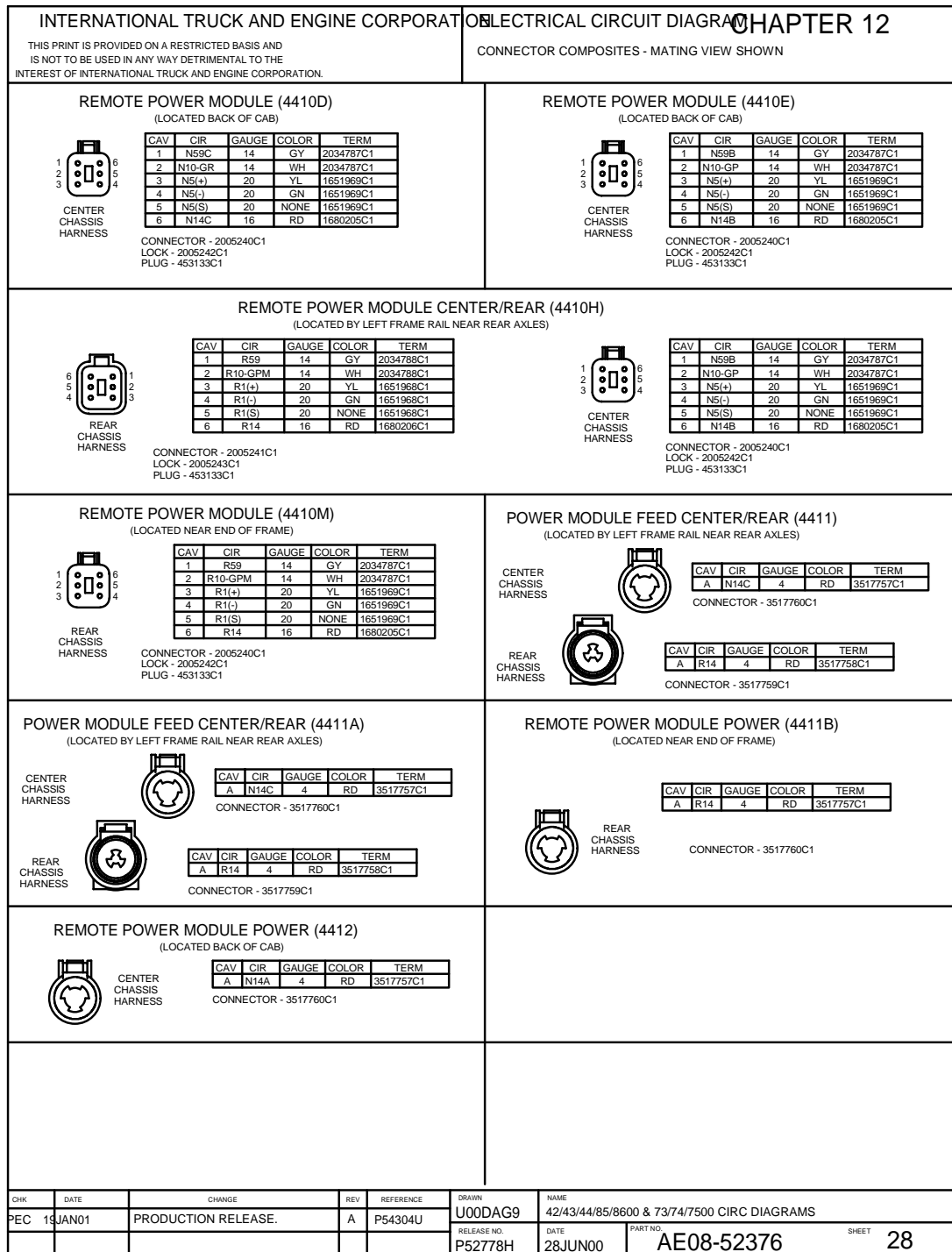


Figure 127 Connector Composites (4410D), (4410E), (4410H), (4410M), (4411), (4411A), (4411B), (4412)

12.29. CONNECTOR COMPOSITES (4415), (4450), P. 29

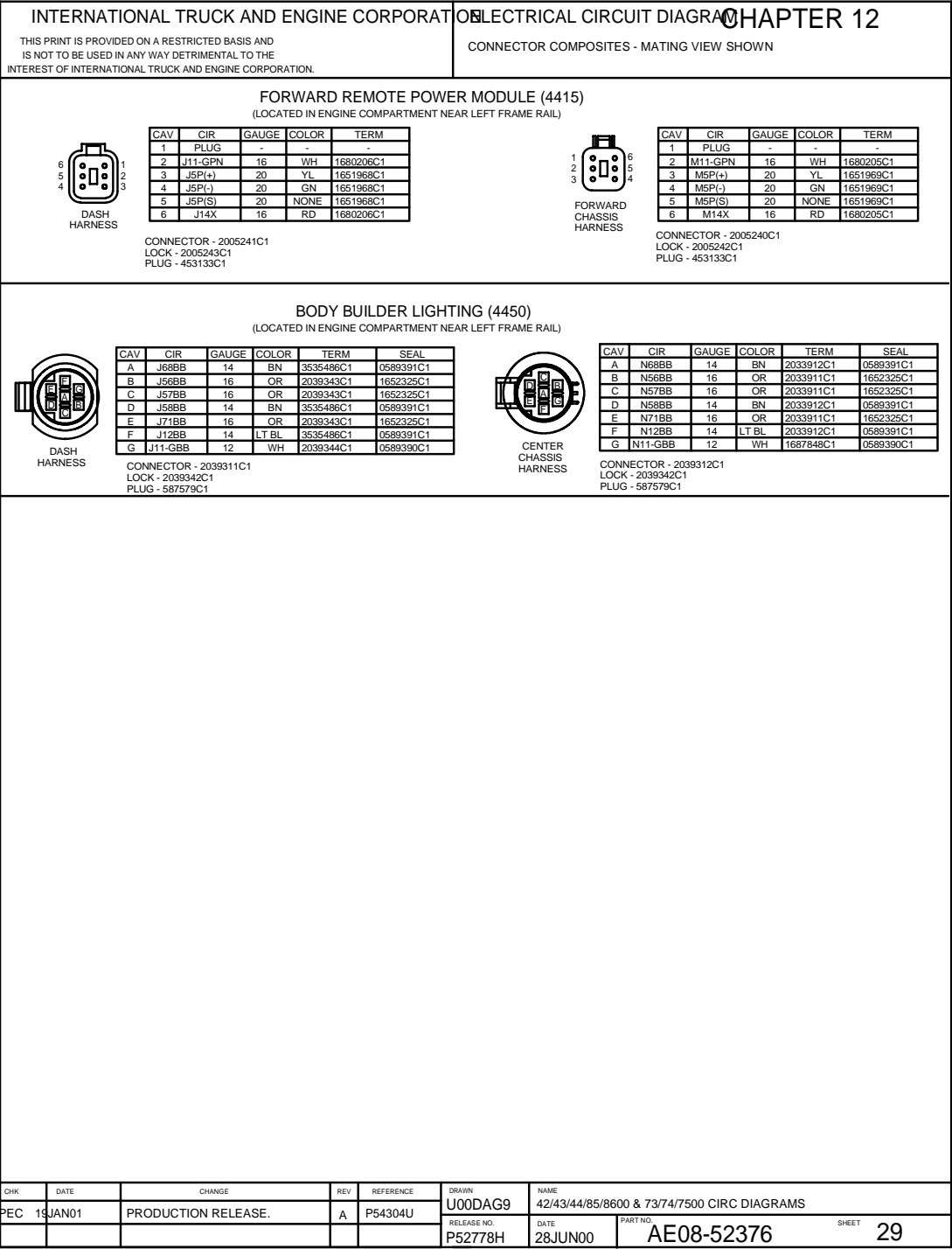


Figure 128 Connector Composites (4415), (4450)

# 12.30. CONNECTOR COMPOSITES (4450A), (4460A), (4460), (4705), P. 30

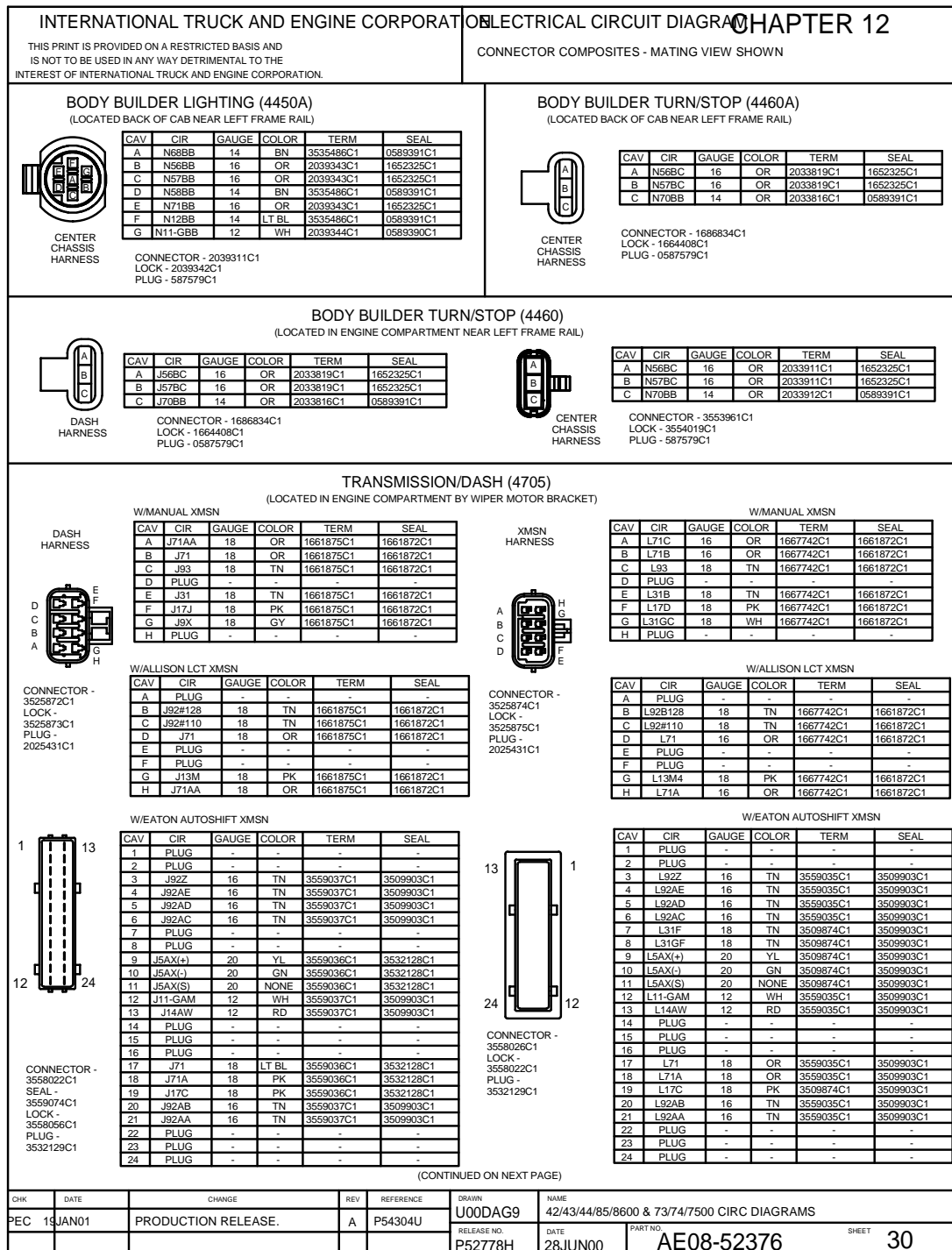



Figure 129 Connector Composites (4450A), (4460A), (4460), (4705)

## 12.31. CONNECTOR COMPOSITES (4705), (4810), (4820), (4830), (4840), P. 31

<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12</b>													
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.					<b>CONNECTOR COMPOSITES - MATING VIEW SHOWN</b>								
<b>TRANSMISSION/DASH (4705)</b> (CONTINUED FROM PREVIOUS PAGE)													
DASH HARNESS		W/ALLISON WTEC XMSN				XMSN HARNESS		W/ALLISON WTEC XMSN					
CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES	CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES
1	J92#170	18	TN	3559036C1	3509903C1		1	L92#170	18	TN	3509874C1	3532128C1	
2	J92#171	18	TN	3559036C1	3509903C1		2	L92#171	18	TN	3509874C1	3532128C1	
3	J92#172	18	TN	3559036C1	3509903C1		3	L92#172	18	TN	3509874C1	3532128C1	
4	J92#173	18	TN	3559036C1	3509903C1		4	L92#173	18	TN	3509874C1	3532128C1	
5	J92#174	18	TN	3559036C1	3509903C1		5	L92#174	18	TN	3509874C1	3532128C1	
6	J92#114	18	TN	3559036C1	3509903C1		6	L92#114	18	TN	3509874C1	3532128C1	
7	J92#175	18	TN	3559036C1	3509903C1		7	L92#175	18	TN	3509874C1	3532128C1	
8	J92#124	18	TN	3559036C1	3509903C1		8	L92#124	18	TN	3509874C1	3532128C1	
9	J92#180	18	TN	3559036C1	3509903C1		9	L92#180	18	TN	3509874C1	3532128C1	
10	J17B	18	PK	3559036C1	3509903C1	W/AUTO NEUTRAL	10	L17B	18	PK	3509874C1	3532128C1	
11	J92DL	18	TN	3559036C1	3509903C1	W/AUTO NEUTRAL	11	L92DL	18	TN	3509874C1	3532128C1	
12	J92#146	18	TN	3559036C1	3509903C1		12	L92#146	18	TN	3509874C1	3532128C1	
13	J71#113	18	OR	3559036C1	3509903C1		13	L71#113	18	OR	3509874C1	3532128C1	
14	J92C123	18	TN	3559036C1	3509903C1		14	L92A123	18	TN	3509874C1	3532128C1	W/AUTO NEUTRAL
15	J3#142	18	DK BL	3559036C1	3509903C1		14	L93C123	18	TN	3509874C1	3532128C1	N/AUTO NEUTRAL
16	J3-151	18	GY	3559036C1	3509903C1		15	L3#142	18	WH	3509874C1	3532128C1	
17	PLUG	-	-	-	-		16	L3-151	18	DK BL	3509874C1	3532128C1	
18	J92D136	18	TN	3559036C1	3509903C1		17	PLUG	-	-	-	-	
19	J92D143	18	TN	3559036C1	3509903C1		18	L92D136	18	TN	3509874C1	3532128C1	
20	PLUG	-	-	-	-		19	L92D143	18	TN	3509874C1	3532128C1	
21	PLUG	-	-	-	-		20	PLUG	-	-	-	-	
22	PLUG	-	-	-	-		21	PLUG	-	-	-	-	
23	PLUG	-	-	-	-		22	PLUG	-	-	-	-	
24	PLUG	-	-	-	-		23	PLUG	-	-	-	-	
							24	PLUG	-	-	-	-	


**BACKUP LIGHT TURN SIGNAL SPLICE (4810)**  
(LOCATED NEAR POWER DISTRIBUTION CENTER)



CONNECTOR - 3543733C1  
LOCK - 3543732C1  
PLUG - 3535425C1  
BUS BAR - 3543736C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES
	RIGHT	TURN	BUS	BAR		
A	J57AA	16	OR	3535303C1	3535424C1	
B	J57A	16	OR	3535303C1	3535424C1	
C	J57H	16	OR	3535303C1	3535424C1	
D	J57BC	16	OR	3535303C1	3535424C1	
	LEFT	TURN	BUS	BAR		
E	J56AA	16	OR	3535303C1	3535424C1	
F	J56A	16	OR	3535303C1	3535424C1	
G	J56H	16	OR	3535303C1	3535424C1	
H	J56BC	16	OR	3535303C1	3535424C1	
	BACK	UP	LIGHT	BUS	BAR	
J	J71A	18	OR	3535303C1	3535424C1	
K	J71BB	16	OR	3535303C1	3535424C1	
L	J71AA	18	OR	3535303C1	3535424C1	W/MANUAL XMSN
L	J71AA	18	OR	3535303C1	3535424C1	W/ALLISON LCT
L	J71B	18	OR	3535303C1	3535424C1	W/ALLISON WTEC
L	J71A	18	PK	3535303C1	3535424C1	W/EATON AUTOSHIFT
M	PLUG	-	-	-	-	

**J1708 & 5 VOLT REF SPLICE (4820)**  
(LOCATED NEAR WIPER MOTOR BRACKET)



CONNECTOR - 3543733C1  
LOCK - 3543732C1  
PLUG - 3535425C1  
BUS BAR - 3543736C1

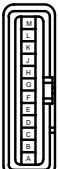
CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES
	5 VOLT	REF	BUS	BAR		
A	J6BA	18	GY	3535303C1	3535424C1	
B	J6A	18	GY	3535303C1	3535424C1	
C	J6E	18	LT GN	3535303C1	3535424C1	
D	PLUG	-	-	-	-	
	DATA	LINK	J1708	POSITIVE	BUS BAR	
E	J3A(+)	18	DK BL	3535303C1	3535424C1	
F	J3B(+)	18	DK BL	3535303C1	3535424C1	
G	J3D(+)	18	DK BL	3535303C1	3535424C1	W/AIR ABS
G	J3C(+)	18	DK BL	3535303C1	3535424C1	W/HYD ABS
H	J3#142	18	DK BL	3535303C1	3535424C1	
	DATA	LINK	J1708	NEGATIVE	BUS BAR	
J	J3A(-)	18	GY	3535303C1	3535424C1	
K	J3B(-)	18	GY	3535303C1	3535424C1	
L	J3D(-)	18	GY	3535303C1	3535424C1	W/AIR ABS
L	J3C(-)	18	GY	3535303C1	3535424C1	W/HYD ABS
M	J3-151	18	GY	3535303C1	3535424C1	

**ELECTRONIC REF GROUND SPLICE (4830)**  
(LOCATED NEAR POWER DISTRIBUTION CENTER)

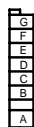
CONNECTOR - 3543730C1  
LOCK - 3543732C1

PLUG - 3535425C1  
BUS BAR - 3543735C1



CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	J9G	18	GY	3535303C1	3535424C1
B	J9A	18	GY	3535303C1	3535424C1
C	PLUG	-	-	-	-
D	J9EA	18	GY	3535303C1	3535424C1
E	PLUG	-	-	-	-
F	PLUG	-	-	-	-
G	J9J	20	GY	3535302C1	3535424C1
H	J9K	20	GY	3535302C1	3535424C1
J	J9Y	20	GY	3535302C1	3535424C1
K	PLUG	-	-	-	-
L	J9X	18	GY	3535303C1	3535424C1
M	J87H	18	GY	3535303C1	3535424C1

**RELAY COIL IGNITION SPLICE (4840)**  
(LOCATED INSIDE POWER DISTRIBUTION CENTER)



CAV	CIR	GAUGE	COLOR	TERM
A	J13X	18	PK	1661208C1
B	J94HE	18	GY	1661208C1
C	J13AS	18	PK	1661208C1
E	J13AV	18	PK	1661208C1

CONNECTOR - 2006789C1  
LOCK - 2006792C1  
COVER - 2006790C1  
BUS BAR - 2006791C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	RELEASE NO.	DATE	PART NO.	SHEET
PEC	15JAN01	PRODUCTION RELEASE.	A	P54304U	U00DAG9	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS	P52778H	21JUN00	AE08-52376	31

**Figure 130 Connector Composites (4705), (4810), (4820), (4830), (4840)**



## 12.32. CONNECTOR COMPOSITES (4850), (4910), (4950), (6001), (6002), P. 32

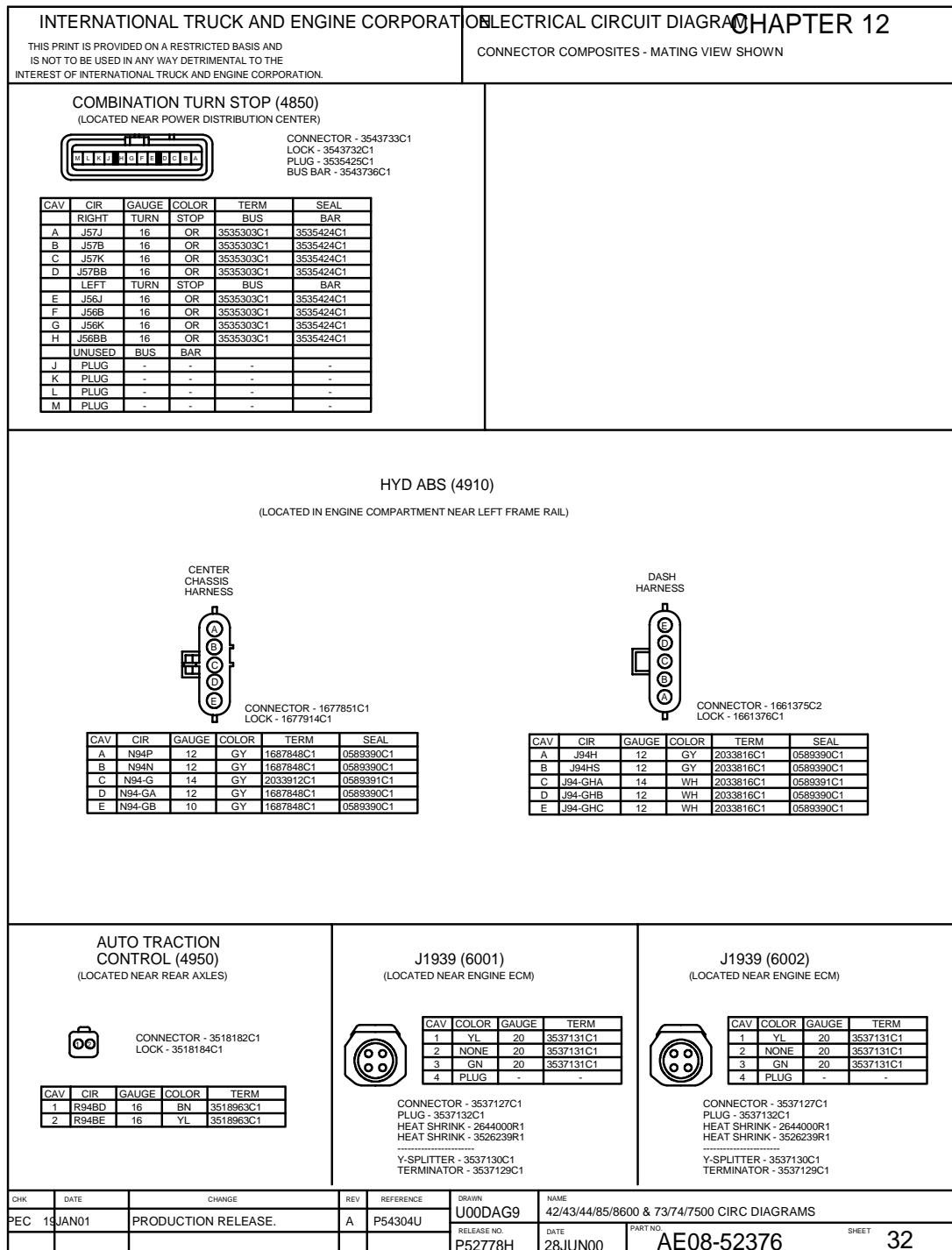
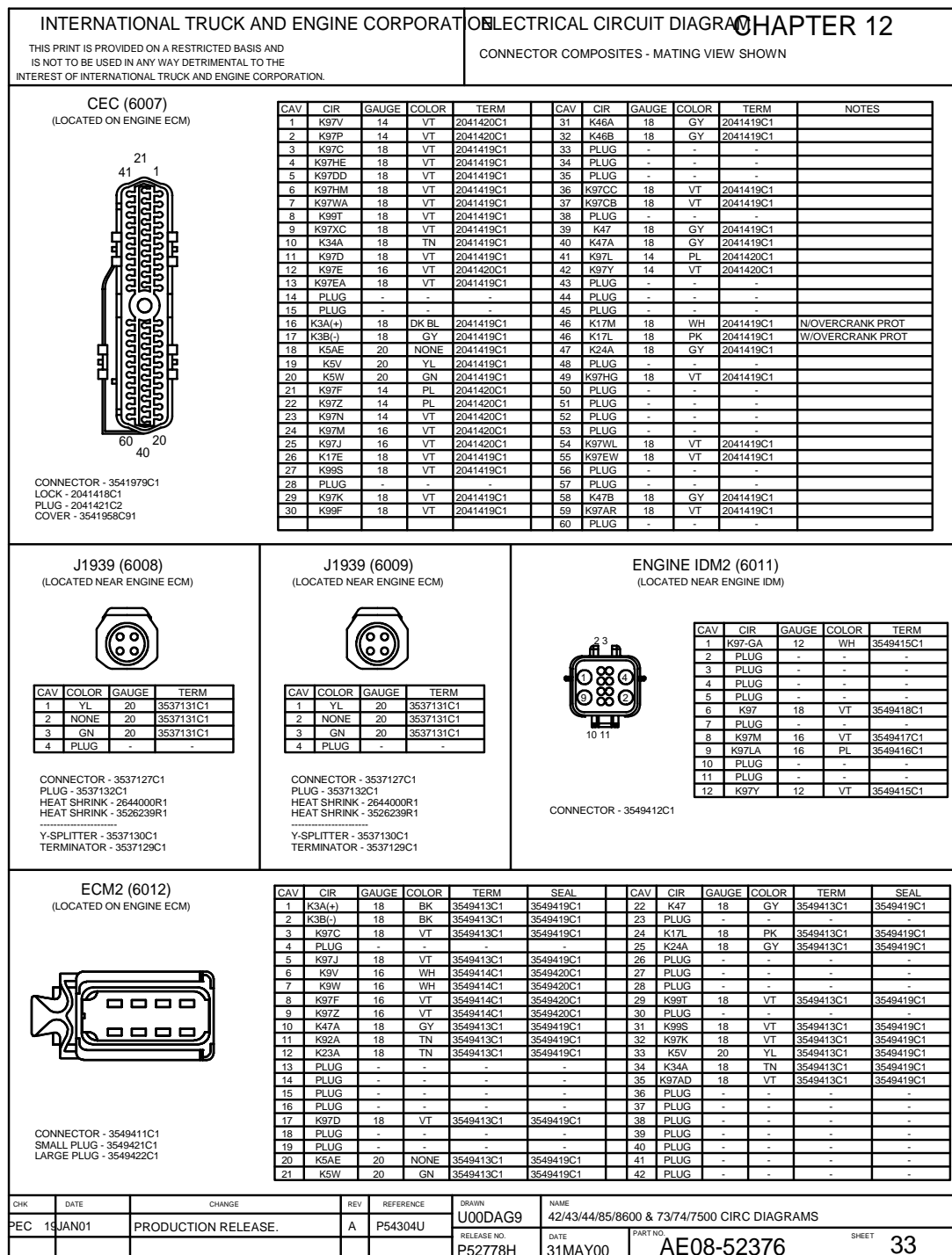


Figure 131 Connector Composites (4850), (4910), (4950), (6001), (6002)

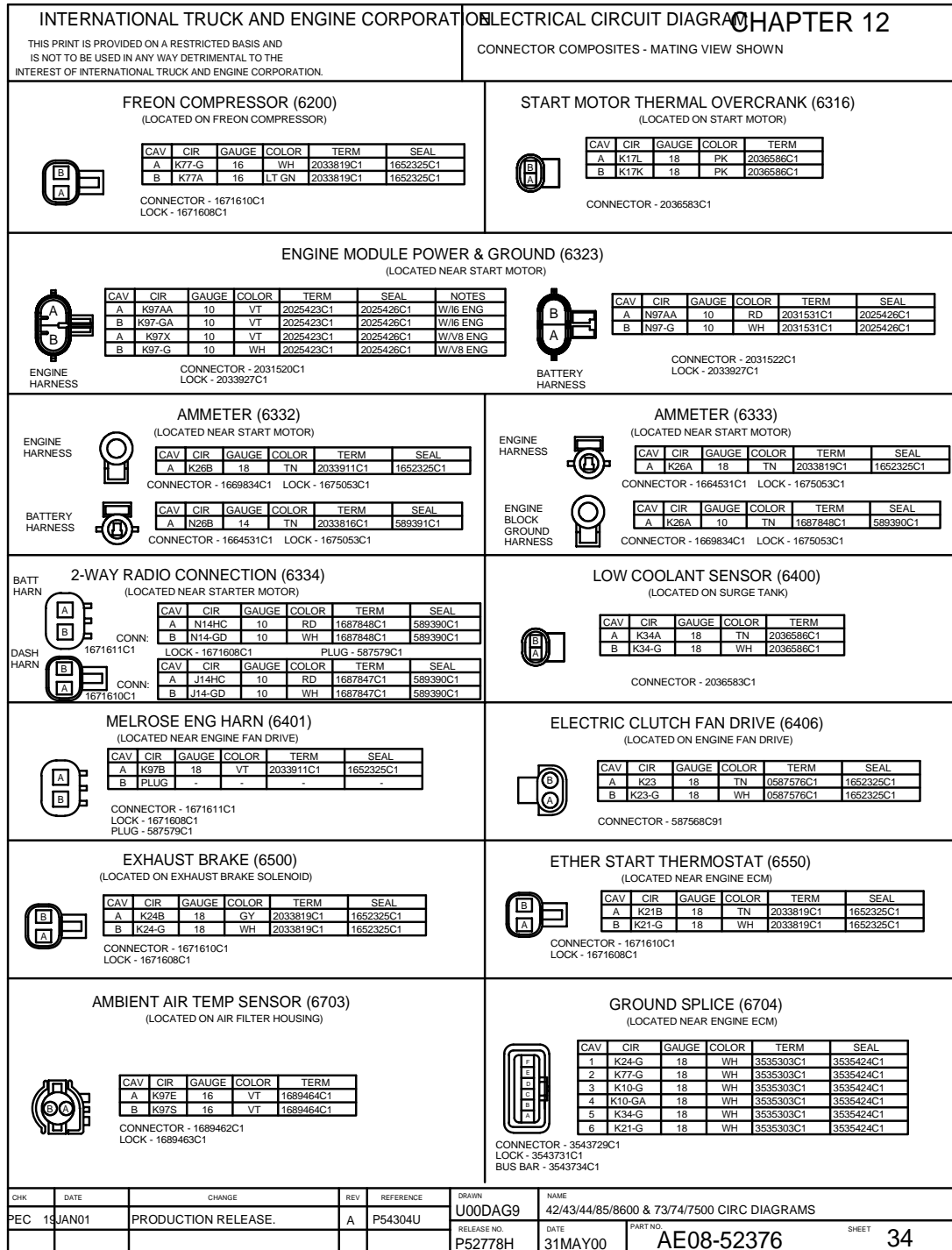


## 12.33. CONNECTOR COMPOSITES (6007), (6008), (6009), (6011), (6012), P. 33



**Figure 132 Connector Composites (6007), (6008), (6009), (6011), (6012)**

**12.34. CONNECTOR COMPOSITES (6200), (6316), (6323), (6332), (6333), (6334), (6400), (6401), (6406), (6500), (6550), (6703), (6704), P. 34**



**Figure 133 Connector Composites (6200), (6316), (6323), (6332), (6333), (6334), (6400), (6401), (6406), (6500), (6550), (6703), (6704)**

## 12.35. CONNECTOR COMPOSITES (7103), (7104), (7104A), (7200), P. 35







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<b>2 SPEED AXLE BOOT CONNECTOR (7103)</b>																																																																																																																																																																																											
																																																																																																																																																																																											
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CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																																																																																																																						
A	L93	18	TN	1661208C1	N/A																																																																																																																																																																																						
B	-	-	-	-	-																																																																																																																																																																																						
C	L93G	18	TN	1661208C1	N/A																																																																																																																																																																																						
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<b>CLEAN BATTERY FEED (7104)</b>																																																																																																																																																																																											
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<b>ENG/TRANS POWER &amp; GND (7104A)</b>				<b>TRANSMISSION BULKHEAD CONNECTION (WTEC) (7200)</b>																																																																																																																																																																																							
<div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"><p>CONNECTOR - 1671610C1 LOCK - 1671608C1</p></div><div style="text-align: center;"><p>CONNECTOR - 1671611C1 LOCK - 1671608C1</p></div></div>																																																																																																																																																																																											
<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>TERM</th><th>SEAL</th></tr></thead><tbody><tr><td>A</td><td>K92B</td><td>10</td><td>TN</td><td>1687847C1</td><td>0589390C1</td></tr><tr><td>B</td><td>K92-G</td><td>10</td><td>TN</td><td>1687847C1</td><td>0589390C1</td></tr></tbody></table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K92B	10	TN	1687847C1	0589390C1	B	K92-G	10	TN	1687847C1	0589390C1	<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>TERM</th><th>SEAL</th></tr></thead><tbody><tr><td>A</td><td>L92#102</td><td>18</td><td>TN</td><td>3508927C1</td><td>N/A</td></tr><tr><td>B</td><td>L92#103</td><td>18</td><td>TN</td><td>3508927C1</td><td>N/A</td></tr><tr><td>C</td><td>L92#104</td><td>18</td><td>TN</td><td>3508927C1</td><td>N/A</td></tr><tr><td>D</td><td>L92A124</td><td>18</td><td>TN</td><td>3508927C1</td><td>N/A</td></tr><tr><td>E</td><td>L92#107</td><td>18</td><td>TN</td><td>3508927C1</td><td>N/A</td></tr><tr><td>F</td><td>L92#110</td><td>18</td><td>TN</td><td>3508927C1</td><td>N/A</td></tr><tr><td>G</td><td>L92#120</td><td>18</td><td>TN</td><td>3508927C1</td><td>N/A</td></tr><tr><td>H</td><td>L92#121</td><td>18</td><td>TN</td><td>3508927C1</td><td>N/A</td></tr><tr><td>J</td><td>L92#128</td><td>18</td><td>TN</td><td>3508927C1</td><td>N/A</td></tr><tr><td>K</td><td>L92#129</td><td>18</td><td>TN</td><td>3508927C1</td><td>N/A</td></tr><tr><td>L</td><td>L92#130</td><td>18</td><td>TN</td><td>3508927C1</td><td>N/A</td></tr><tr><td>M</td><td>L92#131</td><td>18</td><td>TN</td><td>3508927C1</td><td>N/A</td></tr><tr><td>N</td><td>L92B135</td><td>18</td><td>TN</td><td>3508927C1</td><td>N/A</td></tr><tr><td>P</td><td>L31#147</td><td>18</td><td>TN</td><td>3508927C1</td><td>N/A</td></tr><tr><td>U</td><td>L92A140</td><td>18</td><td>TN</td><td>3508927C1</td><td>N/A</td></tr><tr><td>V</td><td>L92A149</td><td>18</td><td>TN</td><td>3508927C1</td><td>N/A</td></tr><tr><td>W</td><td>L92#195</td><td>18</td><td>TN</td><td>3508927C1</td><td>N/A</td></tr><tr><td>X</td><td>L92#162</td><td>18</td><td>TN</td><td>3508927C1</td><td>N/A</td></tr><tr><td>Y</td><td>L92#165</td><td>18</td><td>TN</td><td>3508927C1</td><td>N/A</td></tr><tr><td>a</td><td>PLUG</td><td></td><td></td><td></td><td></td></tr><tr><td>b</td><td>PLUG</td><td></td><td></td><td></td><td></td></tr><tr><td>c</td><td>PLUG</td><td></td><td></td><td></td><td></td></tr><tr><td>d</td><td>PLUG</td><td></td><td></td><td></td><td></td></tr><tr><td>e</td><td>PLUG</td><td></td><td></td><td></td><td></td></tr><tr><td>f</td><td>PLUG</td><td></td><td></td><td></td><td></td></tr><tr><td>g</td><td>PLUG</td><td></td><td></td><td></td><td></td></tr></tbody></table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	L92#102	18	TN	3508927C1	N/A	B	L92#103	18	TN	3508927C1	N/A	C	L92#104	18	TN	3508927C1	N/A	D	L92A124	18	TN	3508927C1	N/A	E	L92#107	18	TN	3508927C1	N/A	F	L92#110	18	TN	3508927C1	N/A	G	L92#120	18	TN	3508927C1	N/A	H	L92#121	18	TN	3508927C1	N/A	J	L92#128	18	TN	3508927C1	N/A	K	L92#129	18	TN	3508927C1	N/A	L	L92#130	18	TN	3508927C1	N/A	M	L92#131	18	TN	3508927C1	N/A	N	L92B135	18	TN	3508927C1	N/A	P	L31#147	18	TN	3508927C1	N/A	U	L92A140	18	TN	3508927C1	N/A	V	L92A149	18	TN	3508927C1	N/A	W	L92#195	18	TN	3508927C1	N/A	X	L92#162	18	TN	3508927C1	N/A	Y	L92#165	18	TN	3508927C1	N/A	a	PLUG					b	PLUG					c	PLUG					d	PLUG					e	PLUG					f	PLUG					g	PLUG				
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																																																																																																																						
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B	L92#103	18	TN	3508927C1	N/A																																																																																																																																																																																						
C	L92#104	18	TN	3508927C1	N/A																																																																																																																																																																																						
D	L92A124	18	TN	3508927C1	N/A																																																																																																																																																																																						
E	L92#107	18	TN	3508927C1	N/A																																																																																																																																																																																						
F	L92#110	18	TN	3508927C1	N/A																																																																																																																																																																																						
G	L92#120	18	TN	3508927C1	N/A																																																																																																																																																																																						
H	L92#121	18	TN	3508927C1	N/A																																																																																																																																																																																						
J	L92#128	18	TN	3508927C1	N/A																																																																																																																																																																																						
K	L92#129	18	TN	3508927C1	N/A																																																																																																																																																																																						
L	L92#130	18	TN	3508927C1	N/A																																																																																																																																																																																						
M	L92#131	18	TN	3508927C1	N/A																																																																																																																																																																																						
N	L92B135	18	TN	3508927C1	N/A																																																																																																																																																																																						
P	L31#147	18	TN	3508927C1	N/A																																																																																																																																																																																						
U	L92A140	18	TN	3508927C1	N/A																																																																																																																																																																																						
V	L92A149	18	TN	3508927C1	N/A																																																																																																																																																																																						
W	L92#195	18	TN	3508927C1	N/A																																																																																																																																																																																						
X	L92#162	18	TN	3508927C1	N/A																																																																																																																																																																																						
Y	L92#165	18	TN	3508927C1	N/A																																																																																																																																																																																						
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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><th>RELEASE NO.</th><th>DATE</th><th>PART NO.</th><th>SHEET</th></tr></thead><tbody><tr><td>PEC</td><td>15JAN01</td><td>PRODUCTION RELEASE.</td><td>A</td><td>P54304U</td><td>U00EDL2</td><td>42/43/44/85/8600 &amp; 73/74/7500 CIRC DIAGRAMS</td><td>P52778H</td><td>31MAY00</td><td>AE08-52376</td><td>35</td></tr></tbody></table>								CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	RELEASE NO.	DATE	PART NO.	SHEET	PEC	15JAN01	PRODUCTION RELEASE.	A	P54304U	U00EDL2	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS	P52778H	31MAY00	AE08-52376	35																																																																																																																																																														
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Figure 134 Connector Composites (7103), (7104), (7104A), (7200)

## 12.36. CONNECTOR COMPOSITES (7202), (7203), P. 36

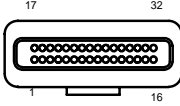
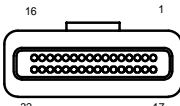
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12					
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR COMPOSITES - MATING VIEW SHOWN					
<p>ECU "V" CONN GRAY (ALLISON WTEC) (7202)</p>									
<p>W/ &amp; NOT W/RETARDER</p>									
<p>W/AUTO NEUTRAL</p>									
									
<p>CONNECTOR - 3548957C91 PLUG - 3518314C1</p>									
CAV	CIR	GAUGE	COLOR	TERM	CAV	CIR	GAUGE	COLOR	TERM
1	L92B136	18	TN	3517243C1	1	L92B136	18	TN	3517243C1
2	L92#114	18	TN	3517243C1	2	L92A114	18	TN	3517243C1
3	PLUG	-	-	-	3	PLUG	-	-	-
4	L71#113	18	OR	3517243C1	4	L71#113	18	OR	3517243C1
5	L92#167	18	TN	3517243C1	5	L92#167	18	TN	3517243C1
6	L92#123	18	TN	3517243C1	6	L92A123	18	TN	3517243C1
7	PLUG	-	-	-	7	PLUG	-	-	-
8	PLUG	-	-	-	8	PLUG	-	-	-
9	PLUG	-	-	-	9	PLUG	-	-	-
10	PLUG	-	-	-	10	PLUG	-	-	-
11	L92#155	18	TN	3517243C1	11	L92#155	18	TN	3517243C1
12	L92#153	18	TN	3517243C1	12	L92A153	18	TN	3517243C1
13	L92#118	18	TN	3517243C1	13	L92#118	18	TN	3517243C1
14	PLUG	-	-	-	14	PLUG	-	-	-
15	PLUG	-	-	-	15	PLUG	-	-	-
16	L92C136	18	TN	3517243C1	16	L92C136	18	TN	3517243C1
17	L92B143	18	TN	3517243C1	17	L92B143	18	TN	3517243C1
18	L92#125	18	TN	3517243C1	18	L92#125	18	TN	3517243C1
19	L92#105	18	TN	3517243C1	19	L92#105	18	TN	3517243C1
20	PLUG	-	-	-	20	PLUG	-	-	-
21	PLUG	-	-	-	21	PLUG	-	-	-
22	L92#112	18	TN	3517243C1	22	L92#112	18	TN	3517243C1
23	PLUG	-	-	-	23	PLUG	-	-	-
24	PLUG	-	-	-	24	PLUG	-	-	-
25	PLUG	-	-	-	25	PLUG	-	-	-
26	PLUG	-	-	-	26	PLUG	-	-	-
27	PLUG	-	-	-	27	PLUG	-	-	-
28	PLUG	-	-	-	28	PLUG	-	-	-
29	L92#137	18	TN	3517243C1	29	L92#137	18	TN	3517243C1
30	L92#117	18	TN	3517243C1	30	L92A117	18	TN	3517243C1
31	L92#161	18	TN	3517243C1	31	L92#161	18	TN	3517243C1
32	L92C143	18	TN	3517243C1	32	L92C143	18	TN	3517243C1
<p>ECU "T" CONN BLUE (ALLISON WTEC) (7203)</p>									
									
<p>CONNECTOR - 3548958C91 PLUG - 3518314C1</p>									
CAV	CIR	GAUGE	COLOR	TERM	CAV	CIR	GAUGE	COLOR	TERM
1	L92#102	18	TN	3517243C1	1	L92#102	18	TN	3517243C1
2	L92#121	18	TN	3517243C1	2	L92#121	18	TN	3517243C1
3	L92#107	18	TN	3517243C1	3	L92#107	18	TN	3517243C1
4	L92#120	18	TN	3517243C1	4	L92#120	18	TN	3517243C1
5	L92#103	18	TN	3517243C1	5	L92#103	18	TN	3517243C1
6	L92#129	18	TN	3517243C1	6	L92#129	18	TN	3517243C1
7	L92#104	18	TN	3517243C1	7	L92#104	18	TN	3517243C1
8	PLUG	-	-	-	8	PLUG	-	-	-
9	L92A124	18	TN	3517243C1	9	L92A124	18	TN	3517243C1
10	PLUG	-	-	-	10	PLUG	-	-	-
11	PLUG	-	-	-	11	PLUG	-	-	-
12	L92#162	18	TN	3517243C1	12	L92#162	18	TN	3517243C1
13	L92#195	18	TN	3517243C1	13	L92#195	18	TN	3517243C1
14	L48#141	18	GY	3517243C1	14	L48#141	18	GY	3517243C1
15	L92A149	18	TN	3517243C1	15	L92A149	18	TN	3517243C1
16	L47#139	18	GY	3517243C1	16	L47#139	18	GY	3517243C1
17	L92#130	18	TN	3517243C1	17	L92#130	18	TN	3517243C1
18	PLUG	-	-	-	18	PLUG	-	-	-
19	L92A116	18	TN	3517243C1	19	L92A116	18	TN	3517243C1
20	L92#128	18	TN	3517243C1	20	L92#128	18	TN	3517243C1
21	L92#131	18	TN	3517243C1	21	L92#131	18	TN	3517243C1
22	L92#110	18	TN	3517243C1	22	L92#110	18	TN	3517243C1
23	L92#127	18	TN	3517243C1	23	L92#127	18	TN	3517243C1
24	L92#101	18	TN	3517243C1	24	L92#101	18	TN	3517243C1
25	L92A135	18	TN	3517243C1	25	L92A135	18	TN	3517243C1
26	L92#165	18	TN	3517243C1	26	L92#165	18	TN	3517243C1
27	L31#147	18	TN	3517243C1	27	L31#147	18	TN	3517243C1
28	L92#138	18	TN	3517243C1	28	L92#138	18	TN	3517243C1
29	PLUG	-	-	-	29	PLUG	-	-	-
30	L48#150	18	GY	3517243C1	30	L48#150	18	GY	3517243C1
31	L92A140	18	TN	3517243C1	31	L92A140	18	TN	3517243C1
32	L47#148	18	GY	3517243C1	32	L47#148	18	GY	3517243C1
<p>* - W/RETARDER ONLY</p>									
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME			
PEC	15JAN01	PRODUCTION RELEASE.	A	P54304U	U00EDL2	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS			
					RELEASE NO.	DATE	PART NO.	SHEET	
					P52778H	31MAY00	AE08-52376	36	

Figure 135 Connector Composites (7202), (7203)

12.37. CONNECTOR COMPOSITES (7204), (7205), (7206), P. 37

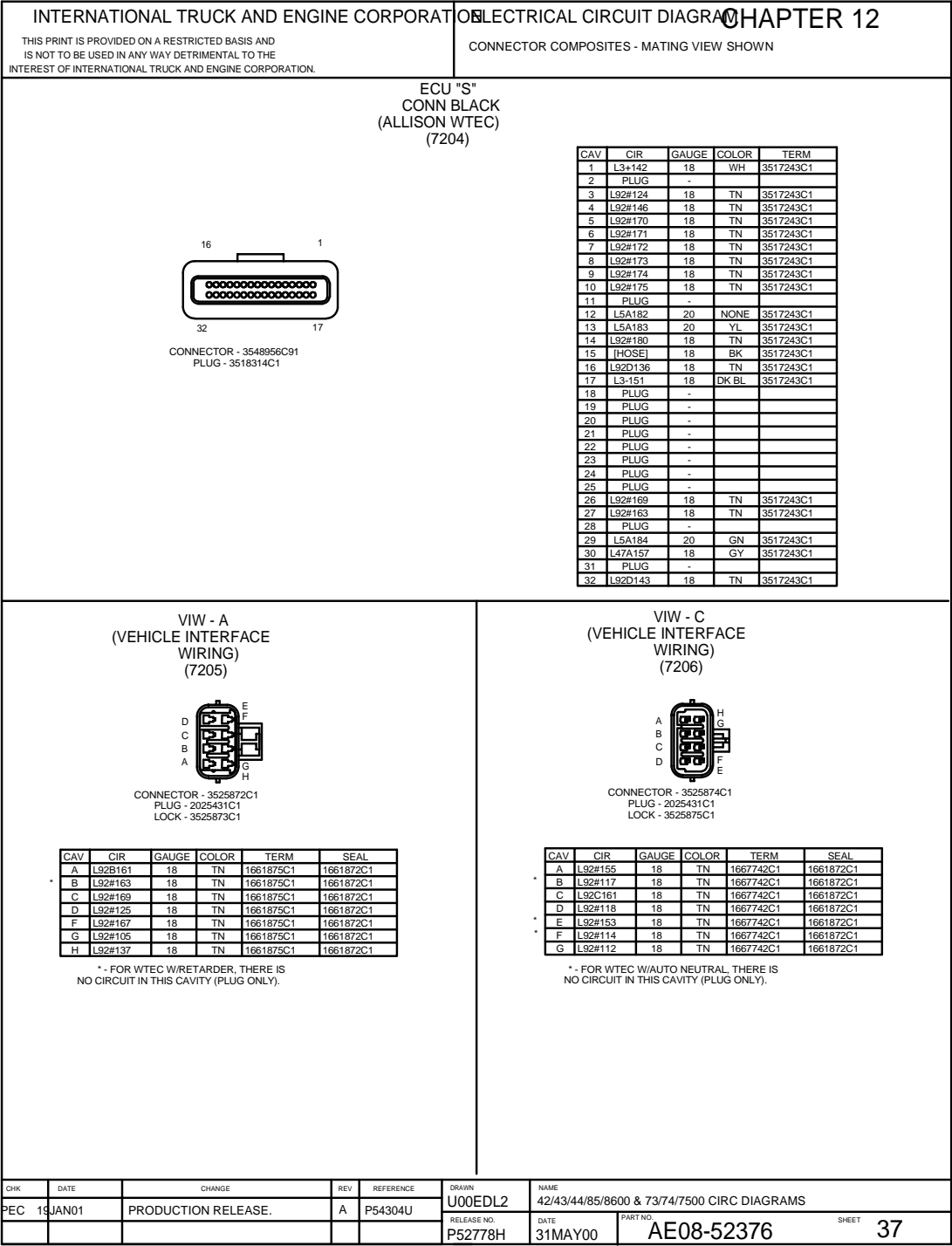


Figure 136 Connector Composites (7204), (7205), (7206)

# 12.38. CONNECTOR COMPOSITES (7207), (7208), (7211), (7212), (7213), (7300), (7301), P. 38







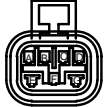

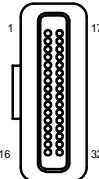
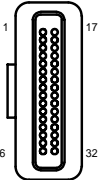

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<b>J1939 CONNECTOR SPLICE (7207)</b>    CONNECTOR - 3537127C1 PLUG - 3537132C1				<b>J1939 CONNECTOR SPLICE (7208)</b>    CONNECTOR - 3537127C1 PLUG - 3537132C1																																																																																																																											
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<b>RETARDER SOLENOID (7213)</b>    CONNECTOR - 2036584C1 PLUG - 1687788C1				<b>TRANSMISSION BULKHEAD (LCT) (7300)</b>    CONNECTOR - 3522537C91 PLUG - 3518314C1 LOCK - 3518287C1																																																																																																																											
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Figure 137 Connector Composites (7207), (7208), (7211), (7212), (7213), (7300), (7301)

## 12.39. CONNECTOR COMPOSITES (7302), (7304), (7305), (7306), P. 39

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																																																																																																																																																																																																												
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<p align="center"><b>ECU -"J1" CONN GRAY (ALLISON LCT) (7305)</b></p>  <p align="center">CONNECTOR - 3541171C91 PLUG - 3518314C1</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>TERM</th> </tr> </thead> <tbody> <tr><td>1</td><td>L92#101</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>2</td><td>L13#102</td><td>18</td><td>PK</td><td>3517243C1</td></tr> <tr><td>3</td><td>L92#103</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>4</td><td>L13#104</td><td>18</td><td>PK</td><td>3517243C1</td></tr> <tr><td>5</td><td>L92#105</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>6</td><td>L92#106</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>8</td><td>L92#108</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>L92#110</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>11</td><td>L92#111</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>13</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>14</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>15</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>16</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>17</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>18</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>19</td><td>L92#119</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>20</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>21</td><td>L92#121</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>22</td><td>L92#122</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>23</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>24</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>25</td><td>[HOSE]</td><td>18</td><td>BK</td><td>3517243C1</td></tr> <tr><td>26</td><td>L47#126</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>27</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>28</td><td>L92#128</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>29</td><td>L5#129</td><td>20</td><td>YL</td><td>3517243C1</td></tr> <tr><td>30</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>31</td><td>L5#131</td><td>20</td><td>NONE</td><td>3517243C1</td></tr> <tr><td>32</td><td>L5#132</td><td>20</td><td>GN</td><td>3517243C1</td></tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERM	1	L92#101	18	TN	3517243C1	2	L13#102	18	PK	3517243C1	3	L92#103	18	TN	3517243C1	4	L13#104	18	PK	3517243C1	5	L92#105	18	TN	3517243C1	6	L92#106	18	TN	3517243C1	7	PLUG	-	-	-	8	L92#108	18	TN	3517243C1	9	PLUG	-	-	-	10	L92#110	18	TN	3517243C1	11	L92#111	18	TN	3517243C1	12	PLUG	-	-	-	13	PLUG	-	-	-	14	PLUG	-	-	-	15	PLUG	-	-	-	16	PLUG	-	-	-	17	PLUG	-	-	-	18	PLUG	-	-	-	19	L92#119	18	TN	3517243C1	20	PLUG	-	-	-	21	L92#121	18	TN	3517243C1	22	L92#122	18	TN	3517243C1	23	PLUG	-	-	-	24	PLUG	-	-	-	25	[HOSE]	18	BK	3517243C1	26	L47#126	18	GY	3517243C1	27	PLUG	-	-	-	28	L92#128	18	TN	3517243C1	29	L5#129	20	YL	3517243C1	30	PLUG	-	-	-	31	L5#131	20	NONE	3517243C1	32	L5#132	20	GN	3517243C1	<p align="center"><b>VIW - C (VEHICLE INTEGRATED WIRING) (ALLISON LCT) (7306)</b></p>  <p align="center">CONNECTOR - 3525872C1 PLUG - 2025431C1 LOCK - 3525873C1</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>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>L92C128</td><td>18</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>L92#106</td><td>18</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>L92#119</td><td>18</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>D</td><td>L47C126</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>E</td><td>L92#111</td><td>18</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>F</td><td>L92#108</td><td>18</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>G</td><td>L92#121</td><td>18</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>H</td><td>L92#122</td><td>18</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	L92C128	18	TN	1661875C1	1661872C1	B	L92#106	18	TN	1661875C1	1661872C1	C	L92#119	18	TN	1661875C1	1661872C1	D	L47C126	18	GY	1661875C1	1661872C1	E	L92#111	18	TN	1661875C1	1661872C1	F	L92#108	18	TN	1661875C1	1661872C1	G	L92#121	18	TN	1661875C1	1661872C1	H	L92#122	18	TN	1661875C1	1661872C1
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**Figure 138 Connector Composites (7302), (7304), (7305), (7306)**

**12.40. CONNECTOR COMPOSITES (7307), (7309), (7500), (7502), (7600), (7601), (7603), (7604), (7605), (7606), P. 40**

INTERNATIONAL TRUCK AND ENGINE CORPORATION					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																																						
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																						
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<div>BACK-UP LIGHT SWITCH (7500)</div> <div></div> <div>CONNECTOR - 1661778C1 PLUG - 1667788C1 LOCK - 1661874C1</div> <table><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr><tr><td>A</td><td>L71B</td><td>16</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr><tr><td>B</td><td>L71C</td><td>16</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr></table>					CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	L71B	16	OR	1661875C1	1661872C1	B	L71C	16	OR	1661875C1	1661872C1	<div>BACK-UP LIGHT (7502)</div> <div></div> <div>CONNECTOR - 1661778C1 PLUG - 1667788C1 LOCK - 1661874C1</div> <table><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr><tr><td>A</td><td>L71</td><td>16</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr><tr><td>B</td><td>L71A</td><td>16</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr></table>					CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	L71	16	OR	1661875C1	1661872C1	B	L71A	16	OR	1661875C1	1661872C1														
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																						
A	L71B	16	OR	1661875C1	1661872C1																																																						
B	L71C	16	OR	1661875C1	1661872C1																																																						
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																						
A	L71	16	OR	1661875C1	1661872C1																																																						
B	L71A	16	OR	1661875C1	1661872C1																																																						
<div>OUTPUT SPEED SENSOR (7600)</div> <div></div> <div>CONNECTOR - 2036583C1</div> <table><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr><tr><td>A</td><td>L47#215</td><td>18</td><td>GY</td><td>2036586C1</td></tr><tr><td>B</td><td>L47#216</td><td>18</td><td>GY</td><td>2036586C1</td></tr></table>					CAV	CIR	GAUGE	COLOR	TERM	A	L47#215	18	GY	2036586C1	B	L47#216	18	GY	2036586C1	<div>SPEEDO SENSOR (7601)</div> <div></div> <div>CONNECTOR - 2036583C1</div> <table><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr><tr><td>A</td><td>L47D</td><td>18</td><td>GY</td><td>2036586C1</td></tr><tr><td>B</td><td>L47E</td><td>18</td><td>GY</td><td>2036586C1</td></tr></table>					CAV	CIR	GAUGE	COLOR	TERM	A	L47D	18	GY	2036586C1	B	L47E	18	GY	2036586C1																				
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<div>ENGINE SPEED SENSOR (7603)</div> <div></div> <div>CONNECTOR - 2036583C1</div> <table><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr><tr><td>A</td><td>L48#141</td><td>18</td><td>GY</td><td>2036586C1</td></tr><tr><td>B</td><td>L48#150</td><td>18</td><td>GY</td><td>2036586C1</td></tr></table>					CAV	CIR	GAUGE	COLOR	TERM	A	L48#141	18	GY	2036586C1	B	L48#150	18	GY	2036586C1	<div>ENGINE SPEED SENSOR (7604)</div> <div></div> <div>CONNECTOR - 2036583C1</div> <table><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr><tr><td>A</td><td>L48#217</td><td>18</td><td>GY</td><td>2036586C1</td></tr><tr><td>B</td><td>L48#218</td><td>18</td><td>GY</td><td>2036586C1</td></tr></table>					CAV	CIR	GAUGE	COLOR	TERM	A	L48#217	18	GY	2036586C1	B	L48#218	18	GY	2036586C1																				
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<div>OUTPUT SPEED SENSOR (7605)</div> <div></div> <div>CONNECTOR - 2036583C1</div> <table><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr><tr><td>A</td><td>L47#139</td><td>18</td><td>GY</td><td>2036586C1</td></tr><tr><td>B</td><td>L47#148</td><td>18</td><td>GY</td><td>2036586C1</td></tr></table>					CAV	CIR	GAUGE	COLOR	TERM	A	L47#139	18	GY	2036586C1	B	L47#148	18	GY	2036586C1	<div>TRANSMISSION SPEED CONNECTION (7606)</div> <div></div> <div>CONNECTOR - 2036583C1</div> <table><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr><tr><td>A</td><td>L47P</td><td>16</td><td>GY</td><td>2036586C1</td></tr><tr><td>B</td><td>L47N</td><td>16</td><td>GY</td><td>2036586C1</td></tr></table>					CAV	CIR	GAUGE	COLOR	TERM	A	L47P	16	GY	2036586C1	B	L47N	16	GY	2036586C1																				
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																					
PEC	19JAN01	PRODUCTION RELEASE.	A	P54304U	U00EDL2	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS																																																					
					RELEASE NO.	DATE	PART NO.	SHEET																																																			
					P52778H	31MAY00	AE08-52376	40																																																			

**Figure 139 Connector Composites (7307), (7309), (7500), (7502), (7600), (7601), (7603), (7604), (7605), (7606)**



12.41. CONNECTOR COMPOSITES (7607), (7608), (7609), (7610), (7611), (7700), P. 41

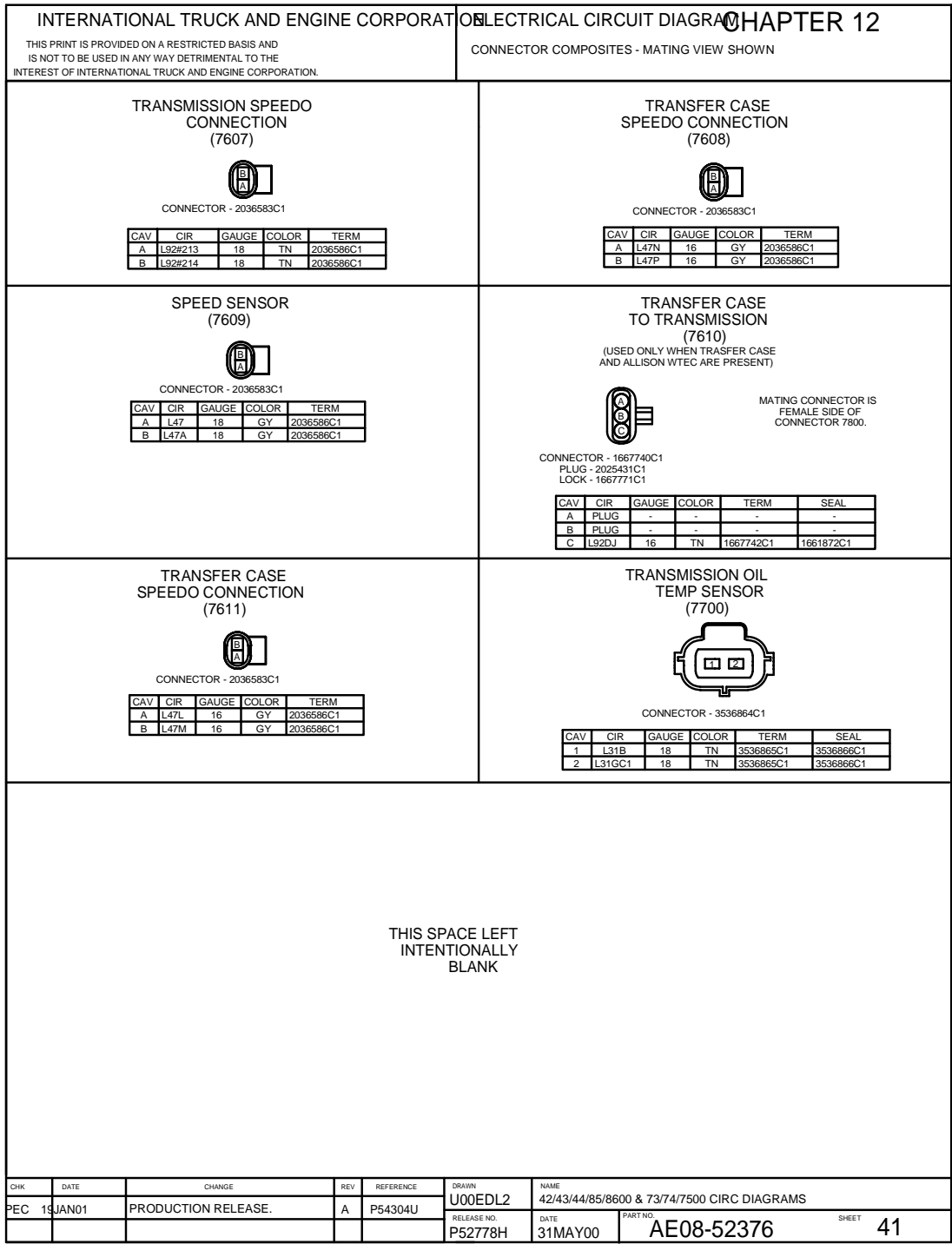


Figure 140 Connector Composites (7607), (7608), (7609), (7610), (7611), (7700)

## 12.42. CONNECTOR COMPOSITES (7800), (7801), (7803), P. 42





INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																																																																																																																																			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																																																																																			
<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>ENG/TRANS CONNECTOR (7800)</p> </div> <div style="text-align: center;">  <p>WEATON AUTOSHIFT CONNECTOR</p> </div> </div>																																																																																																																																																							
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>CONNECTOR - 1667740C1 PLUG - 2025431C1 LOCK - 1667771C1</p> <p style="text-align: center; font-size: small;">W/16 ENGINES</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>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>K47</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>K47A</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>K17E</td><td>18</td><td>VT</td><td>1667742C1</td><td>1661872C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: small;">W/8 ENGINES</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>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>K47</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>K47A</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>K97AD</td><td>18</td><td>VT</td><td>1667742C1</td><td>1661872C1</td></tr> </tbody> </table> </div> <div style="width: 48%;"> <p>CONNECTOR - 1667741C1 PLUG - 2025431C1 LOCK - 1667771C1</p> <p style="text-align: center; font-size: small;">W/ALLISON WTEC (W/ &amp; NOT W/RETARDER)</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>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>L47A157</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>L17A</td><td>18</td><td>PK</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: small;">W/ALLISON WTEC W/AUTO NEUTRAL</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>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>L47A157</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>L17B</td><td>18</td><td>PK</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: small;">W/ALLISON LCT</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>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>L47B126</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>L17E</td><td>18</td><td>PK</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: small;">W/MANUAL TRANS</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>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>L47D</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>L47E</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>L17D</td><td>18</td><td>PK</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> </div> </div>								CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K47	18	GY	1667742C1	1661872C1	B	K47A	18	GY	1667742C1	1661872C1	C	K17E	18	VT	1667742C1	1661872C1	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K47	18	GY	1667742C1	1661872C1	B	K47A	18	GY	1667742C1	1661872C1	C	K97AD	18	VT	1667742C1	1661872C1	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	L47A157	18	GY	1661875C1	1661872C1	B	PLUG	-	-	-	-	C	L17A	18	PK	1661875C1	1661872C1	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	L47A157	18	GY	1661875C1	1661872C1	B	PLUG	-	-	-	-	C	L17B	18	PK	1661875C1	1661872C1	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	L47B126	18	GY	1661875C1	1661872C1	B	PLUG	-	-	-	-	C	L17E	18	PK	1661875C1	1661872C1	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	L47D	18	GY	1661875C1	1661872C1	B	L47E	18	GY	1661875C1	1661872C1	C	L17D	18	PK	1661875C1	1661872C1
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																																																																																		
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<p style="text-align: center;">J1939 SPLICE (7801)</p>  <p>CONNECTOR - 3537127C1 PLUG - 3537132C1</p> <p style="text-align: center; font-size: small;">W/ALLISON LCT</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>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>1</td><td>L5A(+)-1</td><td>20</td><td>YL</td><td>3537131C1</td><td>N/A</td></tr> <tr><td>2</td><td>L5A(S)-1</td><td>20</td><td>NONE</td><td>3537131C1</td><td>N/A</td></tr> <tr><td>3</td><td>L5A(-)-1</td><td>20</td><td>GN</td><td>3537131C1</td><td>N/A</td></tr> </tbody> </table> <p style="text-align: center; font-size: small;">W/ALLISON WTEC</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>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>1</td><td>L5B183</td><td>20</td><td>YL</td><td>3537131C1</td><td>N/A</td></tr> <tr><td>2</td><td>L5B182</td><td>20</td><td>NONE</td><td>3537131C1</td><td>N/A</td></tr> <tr><td>3</td><td>L5B184</td><td>20</td><td>GN</td><td>3537131C1</td><td>N/A</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	L5A(+)-1	20	YL	3537131C1	N/A	2	L5A(S)-1	20	NONE	3537131C1	N/A	3	L5A(-)-1	20	GN	3537131C1	N/A	CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	L5B183	20	YL	3537131C1	N/A	2	L5B182	20	NONE	3537131C1	N/A	3	L5B184	20	GN	3537131C1	N/A	<p style="text-align: center;">ENG TO TRANSFER CASE HARNESS CONN (7803)</p> <p style="text-align: center; font-size: x-small;">(USED ONLY WHEN TRANSFER CASE AND ALLISON WTEC ARE PRESENT)</p> <div style="text-align: center;">  <p>CONNECTOR - 1667741C1 PLUG - 2025431C1 LOCK - 1667771C1</p> </div> <p style="text-align: center; font-size: small;">MATING CONNECTOR IS MALE SIDE OF CONNECTOR 7800.</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>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>L47L</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>L47M</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>L92DJ</td><td>16</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	L47L	16	GY	1661875C1	1661872C1	B	L47M	16	GY	1661875C1	1661872C1	C	L92DJ	16	TN	1661875C1	1661872C1																																																																								
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1	L5B183	20	YL	3537131C1	N/A																																																																																																																																																		
2	L5B182	20	NONE	3537131C1	N/A																																																																																																																																																		
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B	L47M	16	GY	1661875C1	1661872C1																																																																																																																																																		
C	L92DJ	16	TN	1661875C1	1661872C1																																																																																																																																																		
<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>PEC</td> <td>15JAN01</td> <td>PRODUCTION RELEASE.</td> <td>A</td> <td>P54304U</td> <td>U00EDL2</td> <td>42/43/44/85/8600 &amp; 73/74/7500 CIRC DIAGRAMS</td> </tr> <tr> <td colspan="5"></td> <td>RELEASE NO.</td> <td>DATE</td> </tr> <tr> <td colspan="5"></td> <td>P52778H</td> <td>31MAY00</td> </tr> <tr> <td colspan="5"></td> <td>PART NO.</td> <td>SHEET</td> </tr> <tr> <td colspan="5"></td> <td>AE08-52376</td> <td>42</td> </tr> </table>								CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	PEC	15JAN01	PRODUCTION RELEASE.	A	P54304U	U00EDL2	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS						RELEASE NO.	DATE						P52778H	31MAY00						PART NO.	SHEET						AE08-52376	42																																																																																																						
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Figure 141 Connector Composites Connector Composites (7800), (7801), (7803)

12.43. CONNECTOR COMPOSITES (7900), (7901), (7905), (7906), P. 43

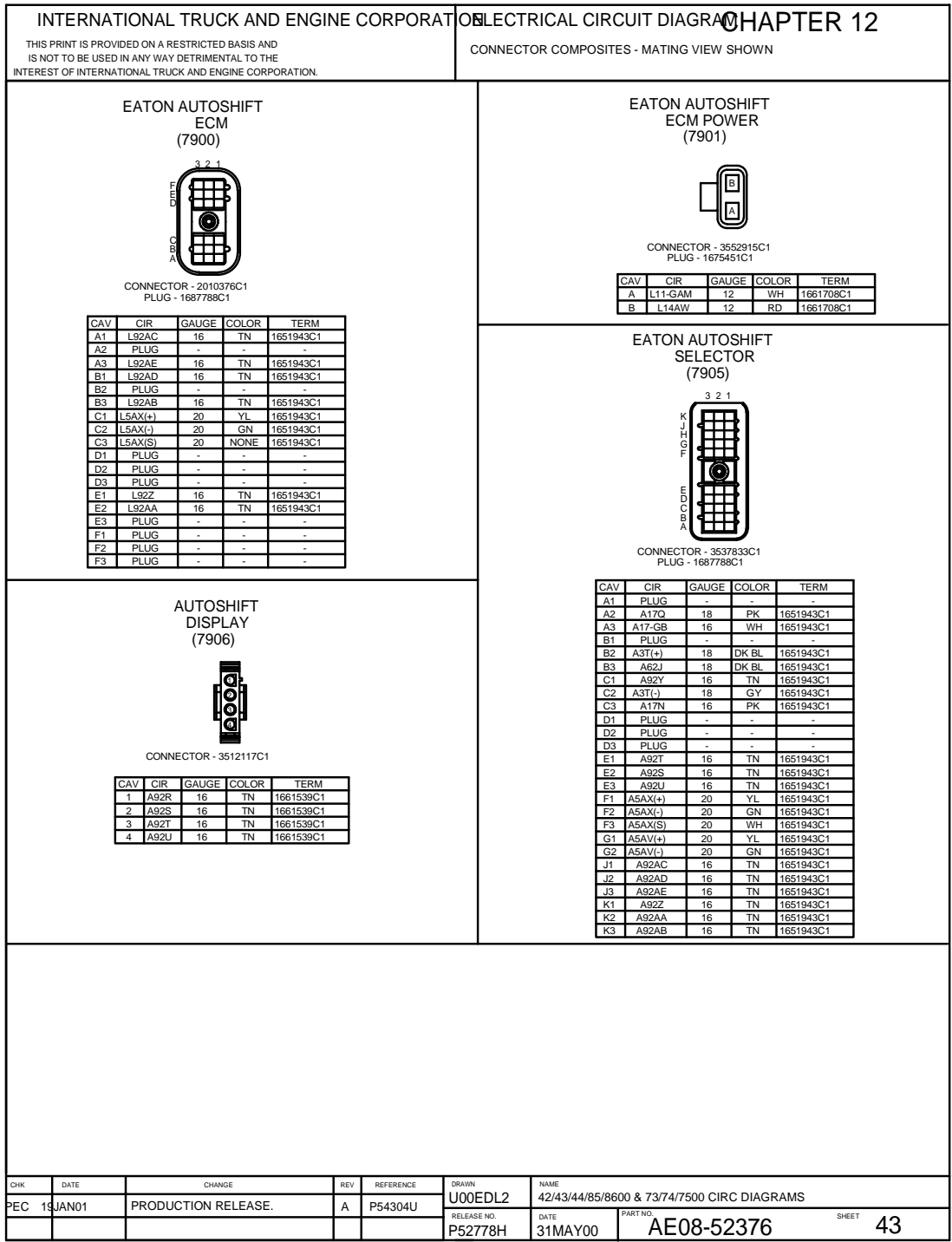


Figure 142 Connector Composites (7900), (7901), (7905), (7906)

12.44. CONNECTOR COMPOSITES (8000), (8001), (8102), (8150), (8151), (8200), P. 44

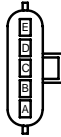
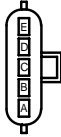












INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				ELECTRICAL CIRCUIT DIAGRAMS CHAPTER 12 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																											
<b>RIGHT HEADLIGHT T/S HARNESS CONN (8000)</b>  <p>CONNECTOR - 1661375C2 PLUG - 0587579C1 LOCK - 1661376C1</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>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>M52D</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>M53B</td><td>14</td><td>YL</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>D</td><td>M57B</td><td>16</td><td>OR</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>E</td><td>M58D</td><td>14</td><td>BN</td><td>2033816C1</td><td>0589391C1</td></tr> </tbody> </table> <p>* - FOR SINGLE HORN W/ SNOW PLOW LIGHTS, CIRCUIT NUMBER IS M57C.</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M52D	14	YL	2033816C1	0589391C1	B	M11-GA	14	WH	2033816C1	0589391C1	C	M53B	14	YL	2033816C1	0589391C1	D	M57B	16	OR	2033819C1	1652325C1	E	M58D	14	BN	2033816C1	0589391C1	<b>LEFT HEADLIGHT T/S HARNESS CONN (8001)</b>  <p>CONNECTOR - 1661375C2 PLUG - 0587579C1 LOCK - 1661376C1</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>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>M52C</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>M53A</td><td>14</td><td>YL</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>D</td><td>M56B</td><td>16</td><td>OR</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>E</td><td>M58C</td><td>14</td><td>BN</td><td>2033816C1</td><td>0589391C1</td></tr> </tbody> </table> <p>* - FOR SINGLE HORN W/ SNOW PLOW LIGHTS, CIRCUIT NUMBER IS M11-GF. ** - FOR SINGLE HORN W/ SNOW PLOW LIGHT, CIRCUIT NUMBER IS M56C</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M52C	14	YL	2033816C1	0589391C1	B	M11-GB	14	WH	2033816C1	0589391C1	C	M53A	14	YL	2033816C1	0589391C1	D	M56B	16	OR	2033819C1	1652325C1	E	M58C	14	BN	2033816C1	0589391C1
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																										
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E	M58C	14	BN	2033816C1	0589391C1																																																																										
<b>SNOW PLOW HARNESS CONN (8102)</b>  <p>CONNECTOR - 2039311C91 PLUG - 0587579C1 LOCK - 2039342C1</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>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>M64HI</td><td>14</td><td>YL</td><td>3535486C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>M11-GE</td><td>14</td><td>WH</td><td>3535486C1</td><td>0589391C1</td></tr> <tr><td>C</td><td>M64LO</td><td>14</td><td>YL</td><td>3535486C1</td><td>0589391C1</td></tr> <tr><td>D</td><td>M56D</td><td>16</td><td>YL</td><td>2039343C1</td><td>1652325C1</td></tr> <tr><td>E</td><td>M58F</td><td>14</td><td>BN</td><td>3535486C1</td><td>0589391C1</td></tr> <tr><td>F</td><td>M57D</td><td>16</td><td>LT GN</td><td>2039343C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M64HI	14	YL	3535486C1	0589391C1	B	M11-GE	14	WH	3535486C1	0589391C1	C	M64LO	14	YL	3535486C1	0589391C1	D	M56D	16	YL	2039343C1	1652325C1	E	M58F	14	BN	3535486C1	0589391C1	F	M57D	16	LT GN	2039343C1	1652325C1	<b>LEFT GUIDE POST LIGHT (8150)</b>  <p>CONNECTOR - 1661778C1 PLUG - 1687788C1 LOCK - 1661874C1</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>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>M58H</td><td>16</td><td>BN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>M58-GA</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M58H	16	BN	1661875C1	1661872C1	B	M58-GA	16	WH	1661875C1	1661872C1												
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A	M58H	16	BN	1661875C1	1661872C1																																																																										
B	M58-GA	16	WH	1661875C1	1661872C1																																																																										
<b>RIGHT GUIDE POST LIGHT (8151)</b>  <p>CONNECTOR - 1661778C1 PLUG - 1687788C1 LOCK - 1661874C1</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>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>M58J</td><td>16</td><td>BN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>M58-GB</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M58J	16	BN	1661875C1	1661872C1	B	M58-GB	16	WH	1661875C1	1661872C1	<b>RIGHT FOGLIGHT (8200)</b>  <p>CONNECTOR - 0587567C91 PLUG - 0587579C1</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>TERM</th> <th>SEAL</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-GB</td><td>16</td><td>WH</td><td>0587577C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M64A	16	YL	0587577C1	1652325C1	B	M64-GB	16	WH	0587577C1	1652325C1																																				
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																										
A	M58J	16	BN	1661875C1	1661872C1																																																																										
B	M58-GB	16	WH	1661875C1	1661872C1																																																																										
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																										
A	M64A	16	YL	0587577C1	1652325C1																																																																										
B	M64-GB	16	WH	0587577C1	1652325C1																																																																										
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS																																																																								
PEC	15JAN01	PRODUCTION RELEASE.	A	P54304U	U00EDL2	RELEASE NO.	DATE	PART NO.																																																																							
					P52778H	31MAY00	AE08-52376	SHEET																																																																							
						44																																																																									

Figure 143 Connector Composites (8000), (8001), (8102), (8150), (8151), (8200)

## 12.45. CONNECTOR COMPOSITES (8201), (8301), (8310), (8311), (8312), (8400), (8500), (8501), P. 45

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THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR COMPOSITES - MATING VIEW SHOWN			
<b>LEFT FOGLIGHT (8201)</b>  CONNECTOR - 0587567C91 PLUG - 0587579C1				<b>ELECTRIC HORN (8301)</b>  CONNECTOR - 1661778C1 PLUG - 1667788C1 LOCK - 1661874C1			
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	M64B	16	YL	0587577C1	1652325C1		
B	M64-GA	16	WH	0587577C1	1652325C1		
<b>DUAL ELECTRIC HORNS (8310)</b>  CONNECTOR - 3543888C1 PLUG - 2025431C1 LOCK - 1661874C1				<b>ELECTRIC HORN #1 (8311)</b>  CONNECTOR - 1661778C1 PLUG - 1667788C1 LOCK - 1661874C1			
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	M85J	16	GY	1667742C1	1661872C1		
B	M85-GC	16	WH	1667742C1	1661872C1		
W/SINGLE HORN							
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	M85J	16	GY	1661875C1	1661872C1		
B	M85-GC	16	WH	1661875C1	1661872C1		
W/DUAL HORNS							
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	M85K	16	GY	1661875C1	1661872C1		
B	M85-GD	16	WH	1661875C1	1661872C1		
<b>ELECTRIC HORN #2 (8312)</b>  CONNECTOR - 1661778C1 PLUG - 1667788C1 LOCK - 1661874C1				<b>ETHER START (8400)</b>  CONNECTOR - 0587568C91 PLUG - 0587579C1			
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	M85L	16	GY	1661875C1	1661872C1		
B	M85-GE	16	WH	1661875C1	1661872C1		
<b>LEFT ABS MODULATOR (8500)</b>  CONNECTOR - 1686834C1 PLUG - 0587579C1 LOCK - 1664408C1				<b>RIGHT ABS MODULATOR (8501)</b>  CONNECTOR - 1686834C1 PLUG - 0587579C1 LOCK - 1664408C1			
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	M94	18	GY	2033819C1	1652325C1		
B	M94A	18	GY	2033819C1	1652325C1		
C	M94B	18	GY	2033819C1	1652325C1		
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	M94H	18	GY	2033819C1	1652325C1		
B	M94J	18	GY	2033819C1	1652325C1		
C	M94K	18	GY	2033819C1	1652325C1		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
PEC	15JAN01	PRODUCTION RELEASE.	A	P54304U	U00EDL2	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS	
					RELEASE NO.	DATE	PART NO.
					P52778H	31MAY00	AE08-52376
							SHEET 45

**Figure 144 Connector Composites (8201), (8301), (8310), (8311), (8312), (8400), (8500), (8501)**

## 12.46. CONNECTOR COMPOSITES (8502), (8502A), (8503), (8503A), (8505), (8600), (8601), (8602), P. 46











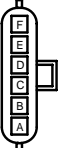
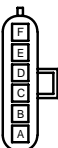
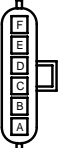
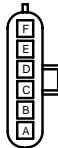
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<p style="text-align: center;">LEFT HYD ABS WHEEL SENSOR (8502)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">PURCHASED ASSEMBLY P/N 3519878C1</p> <table border="1" style="margin: auto; font-size: 0.7em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M94L</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>M94M</td> <td>18</td> <td>BN</td> <td>ASSY</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	M94L	18	BK	ASSY	2	M94M	18	BN	ASSY	<p style="text-align: center;">LEFT AIR ABS WHEEL SENSOR (8502A)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR - 1684261C1 PLUG - 0453133C1 LOCK - 1684263C1</p> <table border="1" style="margin: auto; font-size: 0.7em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M94C</td> <td>18</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>M94D</td> <td>18</td> <td>GY</td> <td>1680205C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	M94C	18	GY	1680205C1	2	M94D	18	GY	1680205C1								
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<p style="text-align: center;">RIGHT HYD ABS WHEEL SENSOR (8503)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">PURCHASED ASSEMBLY P/N 3519878C1</p> <table border="1" style="margin: auto; font-size: 0.7em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M94N</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>M94P</td> <td>18</td> <td>BN</td> <td>ASSY</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	M94N	18	BK	ASSY	2	M94P	18	BN	ASSY	<p style="text-align: center;">RIGHT AIR ABS WHEEL SENSOR (8503A)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR - 1684261C1 PLUG - 0453133C1 LOCK - 1684263C1</p> <table border="1" style="margin: auto; font-size: 0.7em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M94E</td> <td>18</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>M94F</td> <td>18</td> <td>GY</td> <td>1680205C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	M94E	18	GY	1680205C1	2	M94F	18	GY	1680205C1								
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<p style="text-align: center;">AIR COMPRESSOR FOR HYD BRAKES (8505)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR - 1678137C1</p> <table border="1" style="margin: auto; font-size: 0.7em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M9</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>M6</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>C</td> <td>M40</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	M9	18	GY	1651943C1	B	M6	18	GY	1651943C1	C	M40	18	GY	1651943C1	<p style="text-align: center;">RADIATOR GROUND (8600)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR - 0587566C91 PLUG - 0587579C1</p> <table border="1" style="margin: auto; font-size: 0.7em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M11-GC</td> <td>12</td> <td>WH</td> <td>1673747C1</td> <td>0589390C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M11-GC	12	WH	1673747C1	0589390C1						
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<p style="text-align: center;">TEMP SENDER (8601)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR - 3522068C1 PLUG - 1687788C1 LOCK - 1661874C1</p> <table border="1" style="margin: auto; font-size: 0.7em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</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>M41A</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M41	18	GY	1661875C1	1661872C1	B	M41A	18	GY	1661875C1	1661872C1	<p style="text-align: center;">A/C TRANSDUCER (8602)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">CONNECTOR - 1678137C1</p> <table border="1" style="margin: auto; font-size: 0.7em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M9</td> <td>20</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>M6</td> <td>20</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>C</td> <td>M77</td> <td>20</td> <td>LT GN</td> <td>1651943C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	M9	20	GY	1651943C1	B	M6	20	GY	1651943C1	C	M77	20	LT GN	1651943C1
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Figure 145 Connector Composites (8502), (8502A), (8503), (8503A), (8505), (8600), (8601), (8602)

## 12.47. CONNECTOR COMPOSITES (8700), (8701), (8800), (8801), (8802), (8803), P. 47

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																																																																							
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<b>GROUND ADAPTER #1 (8800)</b>				<b>GROUND ADAPTER #2 (8801)</b>																																																																																							
																																																																																											
CONNECTOR - 3551896C1 PLUG - 0587579C1 LOCK - 3551897C1 COVER - 3551792C1				CONNECTOR - 3551896C1 PLUG - 0587579C1 LOCK - 3551897C1 COVER - 3551792C1																																																																																							
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<b>ISOLATED GND SPLICE PACK (8802)</b>				<b>CHASSIS GND SPLICE PACK (8803)</b>																																																																																							
																																																																																											
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* - FOR AF MTD FUEL TANK, CIRCUIT NUMBER IS N9G.  ** - FOR RR AXLE TEMP. CIRCUIT NUMBER IS N9H.				* - FOR RIGHT SIDE MTD DRAIN VALVE, CIRCUIT NUMBER IS N39-GA.  ** - FOR RIGHT SIDE MTD AIR DRYER, CIRCUIT NUMBER IS N39-GC																																																																																							
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**Figure 146 Connector Composites (8700), (8701), (8800), (8801), (8802), (8803)**

# 12.48. CONNECTOR COMPOSITES (9001), (9002), (9100), (9101), (9102), (9254), (9255), P. 48








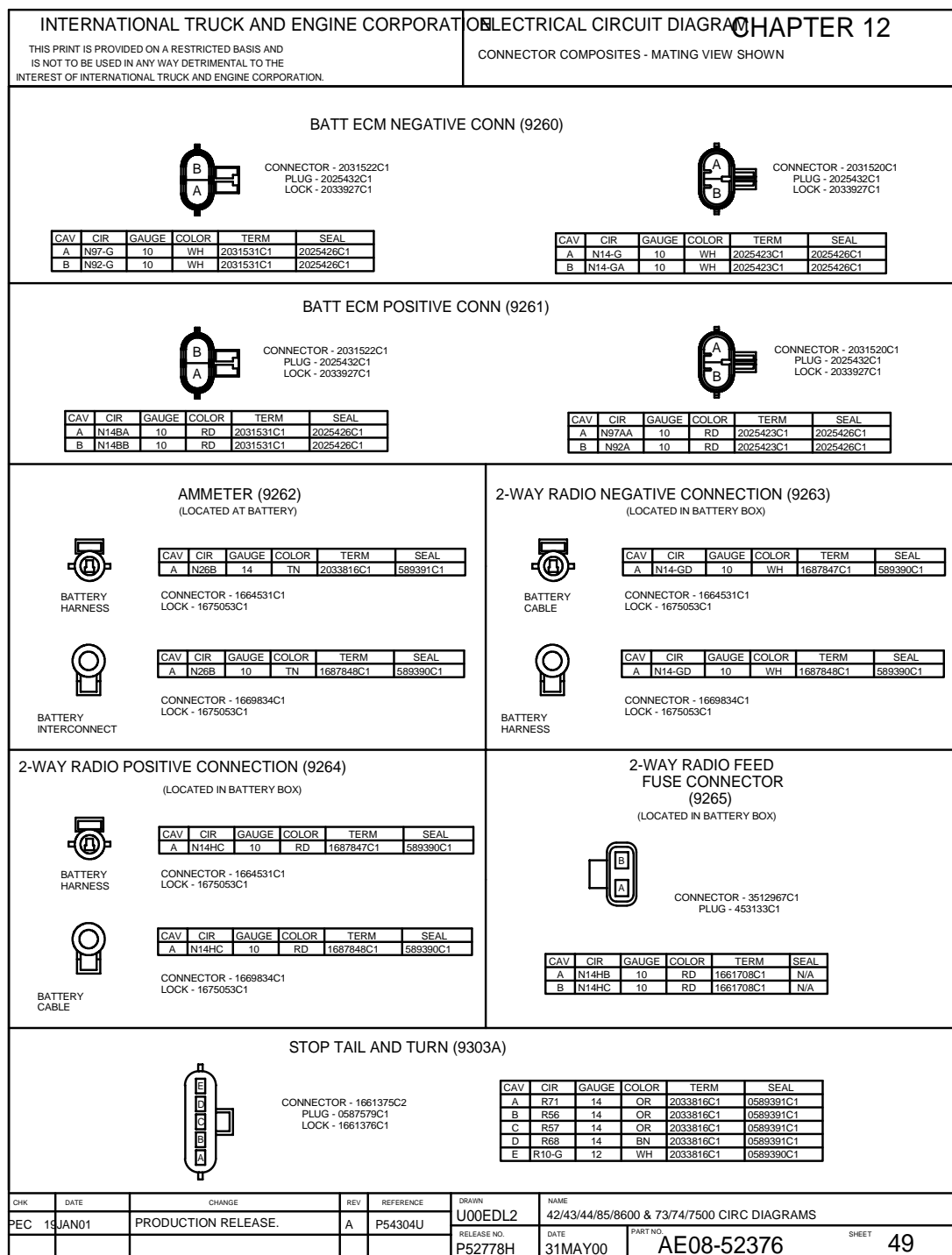
INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																						
<b>LEFT SIDE HEATED DRAIN (9001)</b>  CONNECTOR - 1661778C1 PLUG - 1687788C1 LOCK - 1661874C1				<b>RIGHT SIDE HEATED DRAIN (9002)</b>  CONNECTOR - 1661778C1 PLUG - 1687788C1 LOCK - 1661874C1																																																						
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B	N39-GA	18	WH	1661875C1	1661872C1																																																					
<b>LEFT FUEL SENDER (9100)</b>  CONNECTOR - 1661778C1 PLUG - 1687788C1 LOCK - 1661874C1				<b>RIGHT FUEL SENDER (9101)</b>  CONNECTOR - 1661778C1 PLUG - 1687788C1 LOCK - 1661874C1																																																						
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B	N9B	18	GY	1661875C1	1661872C1																																																					
<b>FUEL TRANSFER PUMP (9102)</b>  CONNECTOR - 3522251C1 PLUG - 2025431C1 LOCK - 3522253C1				<b>ENG ECM FEED FUSE CONN (9254)</b>  CONNECTOR - 1667639C1 PLUG - 1675451C1																																																						
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<b>TRANS ECU FEED FUSE CONN (9255)</b>  CONNECTOR - 1667639C1 PLUG - 1675451C1				THIS SPACE INTENTIONALLY LEFT BLANK																																																						
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PEC	19JAN01	PRODUCTION RELEASE.	A	P54304U	U00EDL2	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS																																																				
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					PART NO.	AE08-52376																																																				
					SHEET	48																																																				

Figure 147 Connector Composites (9001), (9002), (9100), (9101), (9102), (9254), (9255)



## 12.49. CONNECTOR COMPOSITES (9260), (9261), (9262), (9263), (9264), (9265), (9303A), P. 49



**Figure 148 Connector Composites (9260), (9261), (9262), (9263), (9264), (9265), (9303A)**

# 12.50. CONNECTOR COMPOSITES (9404), (9405), (9501), (9502), (9503), (9504), (9505), (9506), P. 50

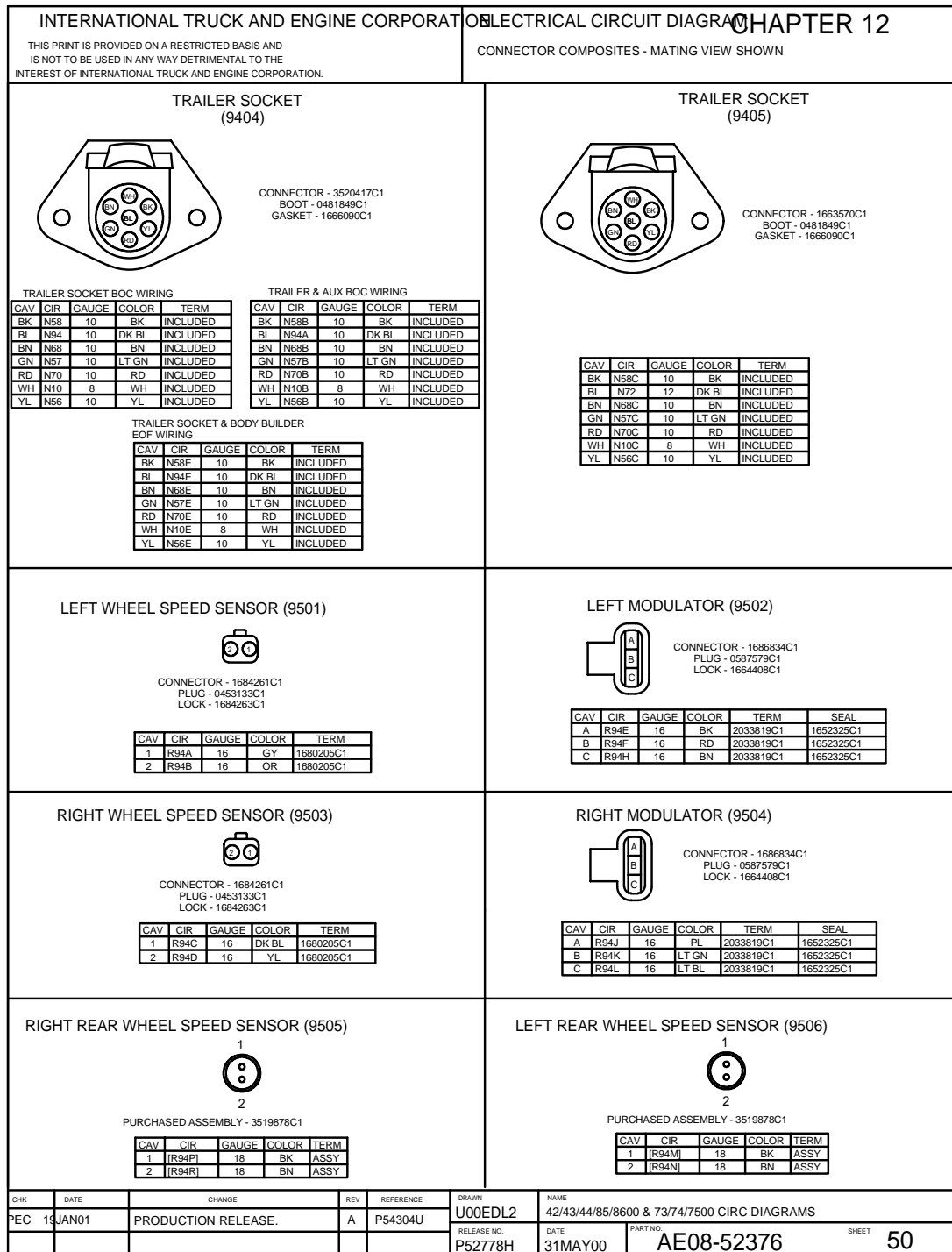


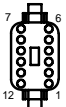
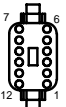
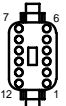


Figure 149 Connector Composites (9404), (9405), (9501), (9502), (9503), (9504), (9505), (9506)

## 12.51. CONNECTOR COMPOSITES (9507), (9508), (9509), (9510), (9511), (9512), P. 51

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																																																																																																																					
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<p align="center"><b>MODULATOR (9507)</b></p>  <p align="center">CONNECTOR - 3536987C1 PLUG - 3536991C1 LOCK - 3536988C1</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>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>N94AP</td><td>16</td><td>BL</td><td>3536989C1</td><td>3536990C1</td></tr> <tr><td>2</td><td>N94AF</td><td>16</td><td>GY</td><td>3536989C1</td><td>3536990C1</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>N94AE</td><td>16</td><td>LT BL</td><td>3536989C1</td><td>3536990C1</td></tr> <tr><td>5</td><td>N94AR</td><td>16</td><td>VT</td><td>3536989C1</td><td>3536990C1</td></tr> <tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>8</td><td>N94Z</td><td>16</td><td>BK</td><td>3536989C1</td><td>3536990C1</td></tr> <tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>N94AJ</td><td>16</td><td>YL</td><td>3536989C1</td><td>3536990C1</td></tr> <tr><td>11</td><td>N94AH</td><td>16</td><td>GY</td><td>3536989C1</td><td>3536990C1</td></tr> <tr><td>12</td><td>N94AC</td><td>16</td><td>BN</td><td>3536989C1</td><td>3536990C1</td></tr> <tr><td>13</td><td>N94AS</td><td>16</td><td>TN</td><td>3536989C1</td><td>3536990C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	N94AP	16	BL	3536989C1	3536990C1	2	N94AF	16	GY	3536989C1	3536990C1	3	PLUG	-	-	-	-	4	N94AE	16	LT BL	3536989C1	3536990C1	5	N94AR	16	VT	3536989C1	3536990C1	6	PLUG	-	-	-	-	7	PLUG	-	-	-	-	8	N94Z	16	BK	3536989C1	3536990C1	9	PLUG	-	-	-	-	10	N94AJ	16	YL	3536989C1	3536990C1	11	N94AH	16	GY	3536989C1	3536990C1	12	N94AC	16	BN	3536989C1	3536990C1	13	N94AS	16	TN	3536989C1	3536990C1	<p align="center"><b>MODULATOR GROUND (9508)</b></p>  <p align="center">CONNECTOR - 3537133C1</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>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N94-GB</td> <td>10</td> <td>GY</td> <td>3537134C1</td> <td>3561662C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N94-GB	10	GY	3537134C1	3561662C1																																		
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4	N94AE	16	LT BL	3536989C1	3536990C1																																																																																																																																				
5	N94AR	16	VT	3536989C1	3536990C1																																																																																																																																				
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10	N94AJ	16	YL	3536989C1	3536990C1																																																																																																																																				
11	N94AH	16	GY	3536989C1	3536990C1																																																																																																																																				
12	N94AC	16	BN	3536989C1	3536990C1																																																																																																																																				
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<p align="center"><b>WABCO HYD ABS ECU (9510)</b></p>  <p align="center">CONNECTOR - 1689500C1 PLUG - 0453133C1 LOCK - 1689428C1</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>TERM</th> </tr> </thead> <tbody> <tr><td>1</td><td>N3A(-)</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>2</td><td>N94T</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>3</td><td>N94S</td><td>14</td><td>GY</td><td>2034787C1</td></tr> <tr><td>4</td><td>N94AV</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>N94Y</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>7</td><td>N94AD</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>8</td><td>N94V</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>9</td><td>N94-G</td><td>14</td><td>GY</td><td>2034787C1</td></tr> <tr><td>10</td><td>N94W</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>11</td><td>N94U</td><td>14</td><td>GY</td><td>2034787C1</td></tr> <tr><td>12</td><td>N3A(+)</td><td>18</td><td>DK BL</td><td>1680205C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	N3A(-)	18	GY	1680205C1	2	N94T	18	GY	1680205C1	3	N94S	14	GY	2034787C1	4	N94AV	18	GY	1680205C1	5	PLUG	-	-	-	6	N94Y	18	GY	1680205C1	7	N94AD	18	GY	1680205C1	8	N94V	18	GY	1680205C1	9	N94-G	14	GY	2034787C1	10	N94W	18	GY	1680205C1	11	N94U	14	GY	2034787C1	12	N3A(+)	18	DK BL	1680205C1	<p align="center"><b>WABCO HYD ABS ECU (9511)</b></p>  <p align="center">CONNECTOR - 1689427C1 PLUG - 0453133C1 LOCK - 1689428C1</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>TERM</th> </tr> </thead> <tbody> <tr><td>1</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>N94Z</td><td>18</td><td>BK</td><td>1680205C1</td></tr> <tr><td>3</td><td>N94AC</td><td>16</td><td>BN</td><td>1680205C1</td></tr> <tr><td>4</td><td>N94AE</td><td>16</td><td>LT BL</td><td>1680205C1</td></tr> <tr><td>5</td><td>N94AF</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>6</td><td>N94AH</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>7</td><td>N94AJ</td><td>16</td><td>YL</td><td>1680205C1</td></tr> <tr><td>8</td><td>N94AP</td><td>16</td><td>BL</td><td>1680205C1</td></tr> <tr><td>9</td><td>N94AR</td><td>16</td><td>VT</td><td>1680205C1</td></tr> <tr><td>10</td><td>N94AS</td><td>16</td><td>TN</td><td>1680205C1</td></tr> <tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	PLUG	-	-	-	2	N94Z	18	BK	1680205C1	3	N94AC	16	BN	1680205C1	4	N94AE	16	LT BL	1680205C1	5	N94AF	16	GY	1680205C1	6	N94AH	16	GY	1680205C1	7	N94AJ	16	YL	1680205C1	8	N94AP	16	BL	1680205C1	9	N94AR	16	VT	1680205C1	10	N94AS	16	TN	1680205C1	11	PLUG	-	-	-	12	PLUG	-	-	-
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4	N94AE	16	LT BL	1680205C1																																																																																																																																					
5	N94AF	16	GY	1680205C1																																																																																																																																					
6	N94AH	16	GY	1680205C1																																																																																																																																					
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12	PLUG	-	-	-																																																																																																																																					
<p align="center"><b>WABCO HYD ABS ECU (9512)</b></p>  <p align="center">CONNECTOR - 3519423C1 PLUG - 0453133C1 LOCK - 1689428C1</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>TERM</th> </tr> </thead> <tbody> <tr><td>1</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>N94AA</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>4</td><td>N94AT</td><td>16</td><td>DK BL</td><td>1680205C1</td></tr> <tr><td>5</td><td>N94AM</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>6</td><td>N94AK</td><td>16</td><td>DK BL</td><td>1680205C1</td></tr> <tr><td>7</td><td>N94AL</td><td>16</td><td>YL</td><td>1680205C1</td></tr> <tr><td>8</td><td>N94AN</td><td>16</td><td>OR</td><td>1680205C1</td></tr> <tr><td>9</td><td>N94AU</td><td>16</td><td>YL</td><td>1680205C1</td></tr> <tr><td>10</td><td>N94AB</td><td>16</td><td>OR</td><td>1680205C1</td></tr> <tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERM	1	PLUG	-	-	-	2	PLUG	-	-	-	3	N94AA	16	GY	1680205C1	4	N94AT	16	DK BL	1680205C1	5	N94AM	16	GY	1680205C1	6	N94AK	16	DK BL	1680205C1	7	N94AL	16	YL	1680205C1	8	N94AN	16	OR	1680205C1	9	N94AU	16	YL	1680205C1	10	N94AB	16	OR	1680205C1	11	PLUG	-	-	-	12	PLUG	-	-	-																																																																	
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**Figure 150 Connector Composites (9507), (9508), (9509), (9510), (9511), (9512)**

# 12.52. CONNECTOR COMPOSITE (9700), P. 52

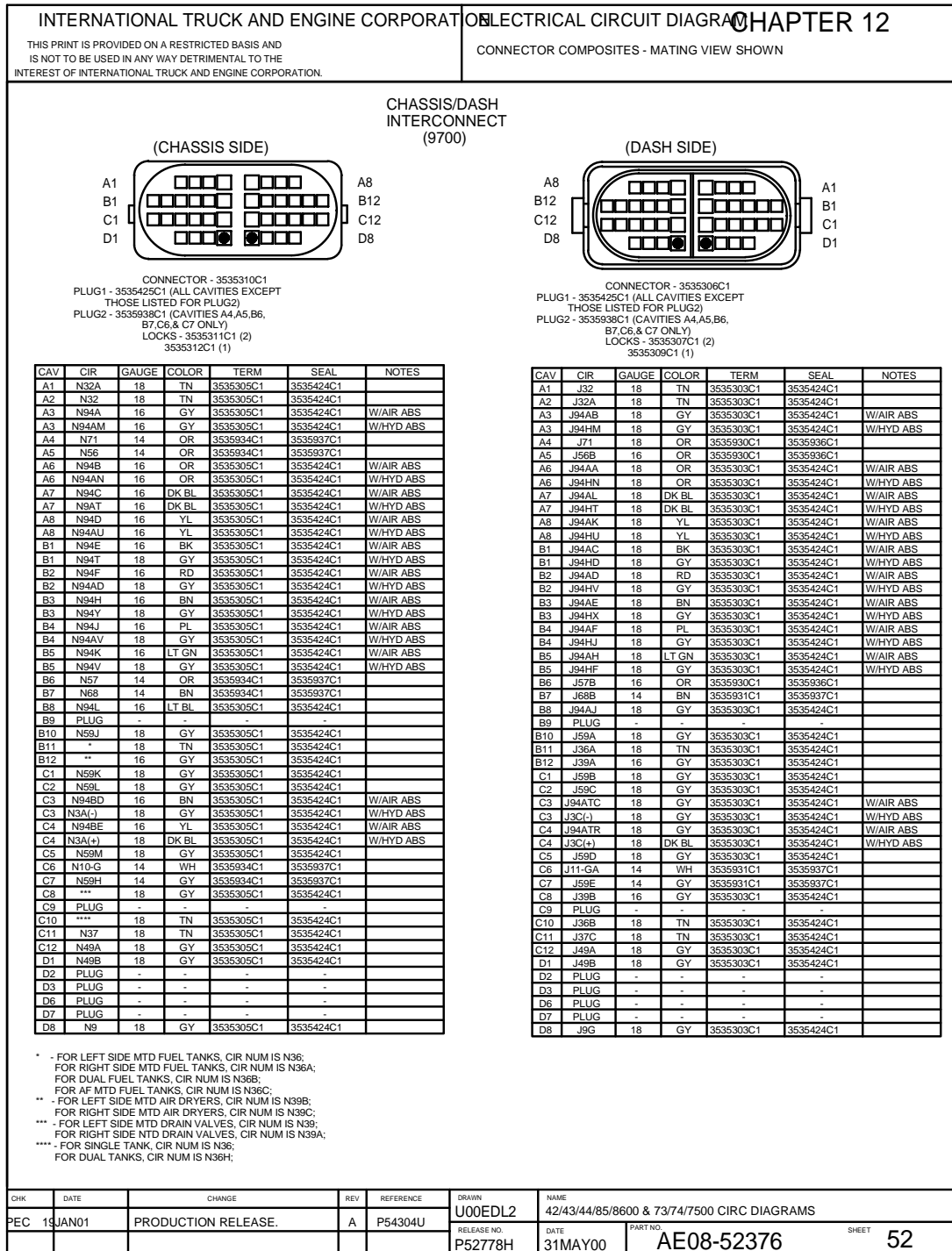
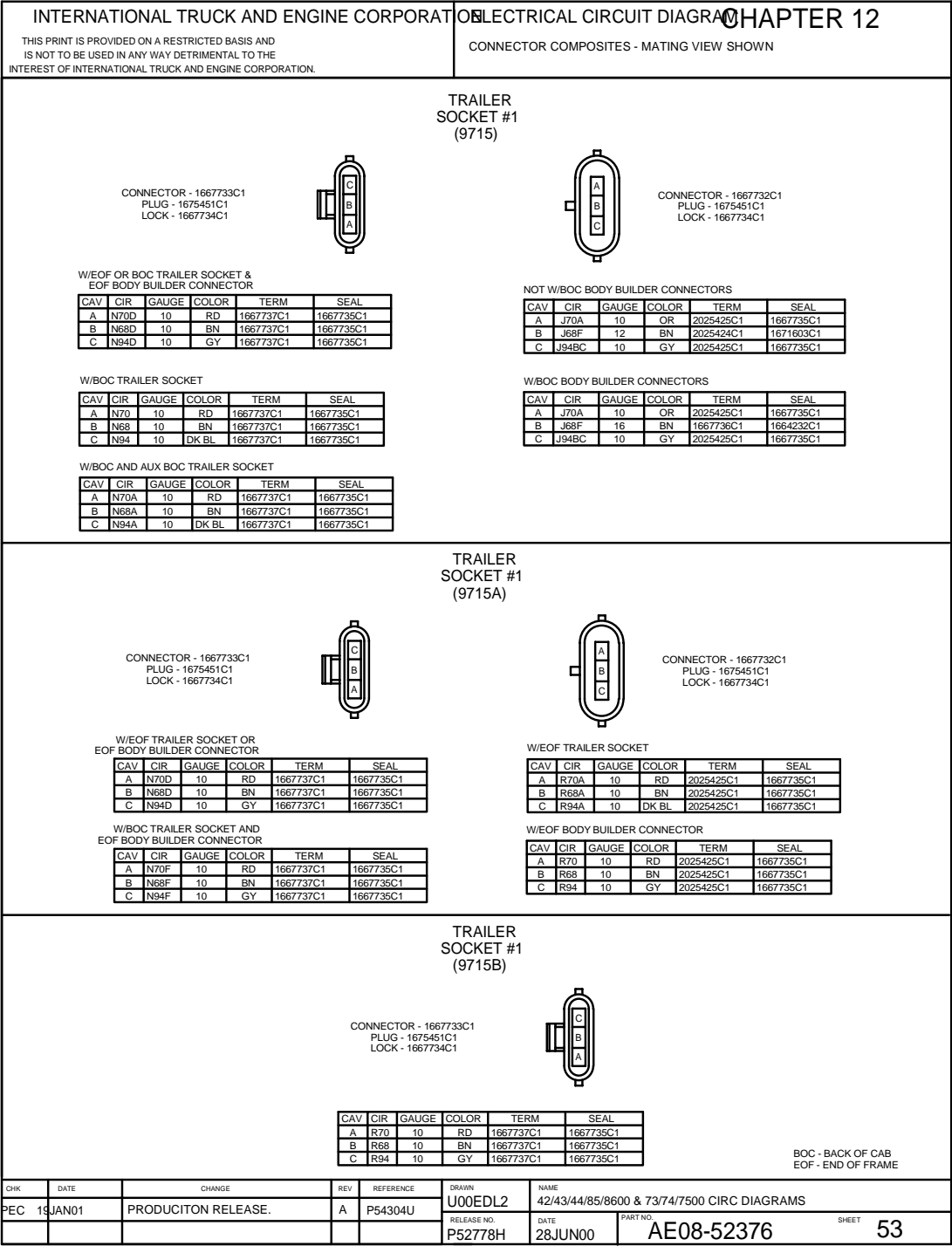
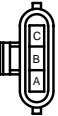
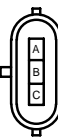

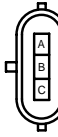
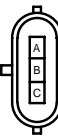


Figure 151 Connector Composite (9700)

12.53. CONNECTOR COMPOSITES (9715), (9715A), (9715B), P. 53



## 12.54. CONNECTOR COMPOSITES (9716), (9716A), (9716B), P. 54

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																																																																																																											
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																																																											
<p><b>TRAILER SOCKET #2 (9716)</b></p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>CONNECTOR - 1667733C1 PLUG - 1675451C1 LOCK - 1667734C1</p> </div> <div style="text-align: center;">  <p>CONNECTOR - 1667732C1 PLUG - 1675451C1 LOCK - 1667734C1</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 48%;"> <p>NOT W/BOC BODY BUILDER CONNECTORS</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>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>J58F</td><td>12</td><td>BN</td><td>1667737C1</td><td>1671603C1</td></tr> <tr><td>B</td><td>J56C</td><td>12</td><td>OR</td><td>1667737C1</td><td>1671603C1</td></tr> <tr><td>C</td><td>J57C</td><td>12</td><td>OR</td><td>1667737C1</td><td>1671603C1</td></tr> </table> <p>W/BOC BODY BUILDER CONNECTORS</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>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>J58F</td><td>16</td><td>BN</td><td>1667738C1</td><td>1664232C1</td></tr> <tr><td>B</td><td>J56C</td><td>12</td><td>OR</td><td>1667737C1</td><td>1671603C1</td></tr> <tr><td>C</td><td>J57C</td><td>12</td><td>OR</td><td>1667737C1</td><td>1671603C1</td></tr> </table> </div> <div style="width: 48%;"> <p>W/EOF OR BOC TRAILER SOCKET &amp; EOF BODY BUILDER CONNECTOR</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>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>N58D</td><td>10</td><td>BN</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>B</td><td>N56D</td><td>10</td><td>YL</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>C</td><td>N57D</td><td>10</td><td>LT GN</td><td>2025425C1</td><td>1667735C1</td></tr> </table> <p>W/BOC TRAILER SOCKET</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>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>N58</td><td>10</td><td>BK</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>B</td><td>N56</td><td>10</td><td>YL</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>C</td><td>N57</td><td>10</td><td>LT GN</td><td>2025425C1</td><td>1667735C1</td></tr> </table> <p>W/BOC AND AUX BOC TRAILER SOCKET</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>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>N58A</td><td>10</td><td>BK</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>B</td><td>N56A</td><td>10</td><td>YL</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>C</td><td>N57A</td><td>10</td><td>LT GN</td><td>2025425C1</td><td>1667735C1</td></tr> </table> </div> </div>								CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	J58F	12	BN	1667737C1	1671603C1	B	J56C	12	OR	1667737C1	1671603C1	C	J57C	12	OR	1667737C1	1671603C1	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	J58F	16	BN	1667738C1	1664232C1	B	J56C	12	OR	1667737C1	1671603C1	C	J57C	12	OR	1667737C1	1671603C1	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N58D	10	BN	2025425C1	1667735C1	B	N56D	10	YL	2025425C1	1667735C1	C	N57D	10	LT GN	2025425C1	1667735C1	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N58	10	BK	2025425C1	1667735C1	B	N56	10	YL	2025425C1	1667735C1	C	N57	10	LT GN	2025425C1	1667735C1	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N58A	10	BK	2025425C1	1667735C1	B	N56A	10	YL	2025425C1	1667735C1	C	N57A	10	LT GN	2025425C1	1667735C1
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C	N57F	10	LT GN	2025425C1	1667735C1																																																																																																																										
<p><b>TRAILER SOCKET #2 (9716B)</b></p> <div style="display: flex; justify-content: center; align-items: center; margin-top: 20px;">  <div style="margin-left: 20px;"> <p>CONNECTOR - 1667732C1 PLUG - 1675451C1 LOCK - 1667734C1</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>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>R58</td><td>10</td><td>BN</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>B</td><td>R56</td><td>10</td><td>YL</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>C</td><td>R57</td><td>10</td><td>LT GN</td><td>2025425C1</td><td>1667735C1</td></tr> </table> </div> </div>								CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	R58	10	BN	2025425C1	1667735C1	B	R56	10	YL	2025425C1	1667735C1	C	R57	10	LT GN	2025425C1	1667735C1																																																																																																
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B	R56	10	YL	2025425C1	1667735C1																																																																																																																										
C	R57	10	LT GN	2025425C1	1667735C1																																																																																																																										
<div style="display: flex; justify-content: space-between; font-size: x-small;"> <div>CHK DATE CHANGE REV REFERENCE</div> <div> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">DRAWN <b>U00EDL2</b></div> <div>NAME 42/43/44/85/8600 &amp; 73/74/7500 CIRC DIAGRAMS</div> </div> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">RELEASE NO. P52778H</div> <div style="margin-right: 10px;">DATE 28JUN00</div> <div style="margin-right: 10px;">PART NO. <b>AE08-52376</b></div> <div>SHEET <b>54</b></div> </div> </div> </div>																																																																																																																															

BOC - BACK OF CAB  
EOF - END OF FRAME

Figure 153 Connector Composites (9716), (9716A), (9716B)

12.55. CONNECTOR COMPOSITES (9717), (9717A), (9717B), P. 55

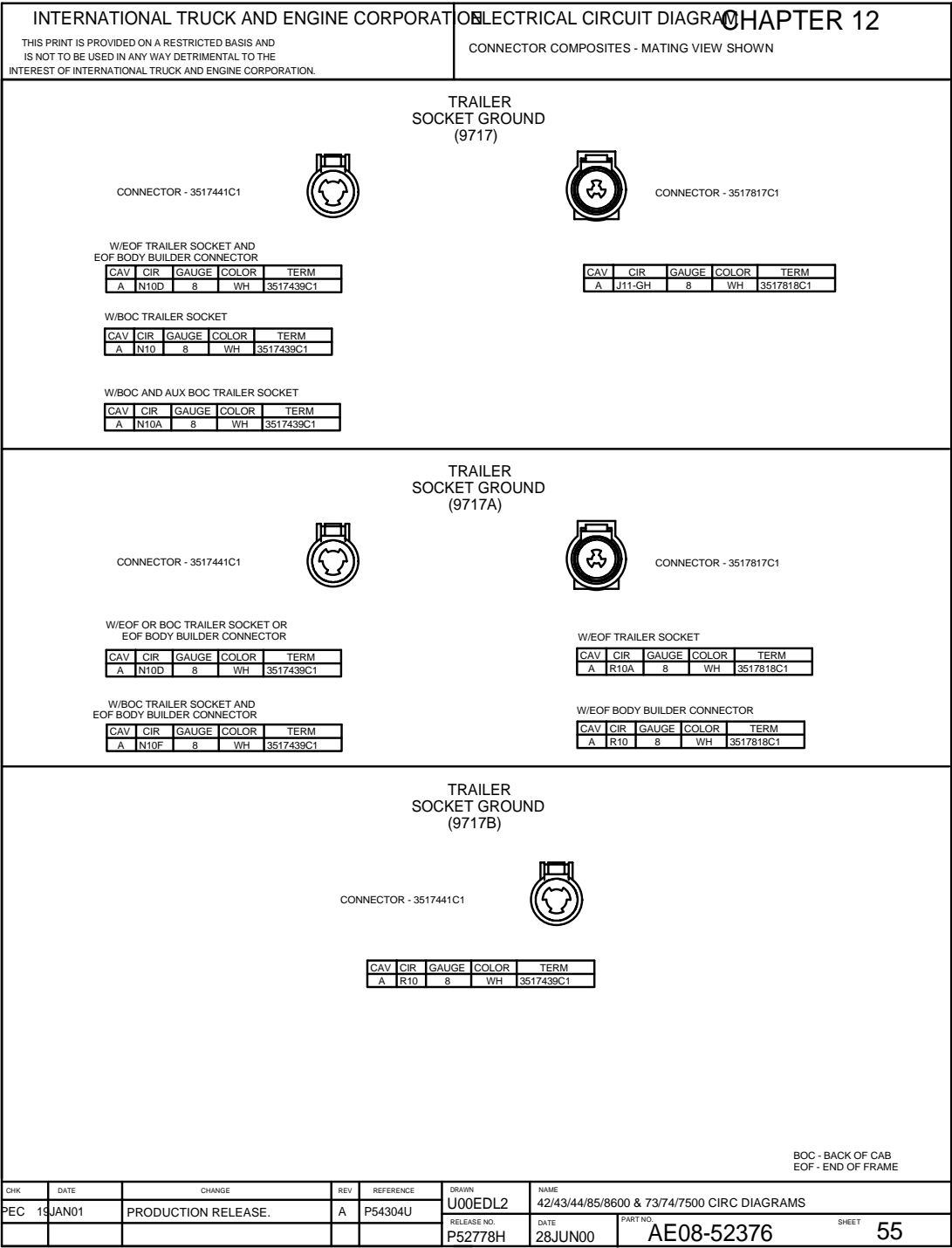


Figure 154 Connector Composites (9717), (9717A), (9717B)

## 12.56. CONNECTOR COMPOSITES (9718), (9719), (9720), (9733), (9734), (9736), P. 56

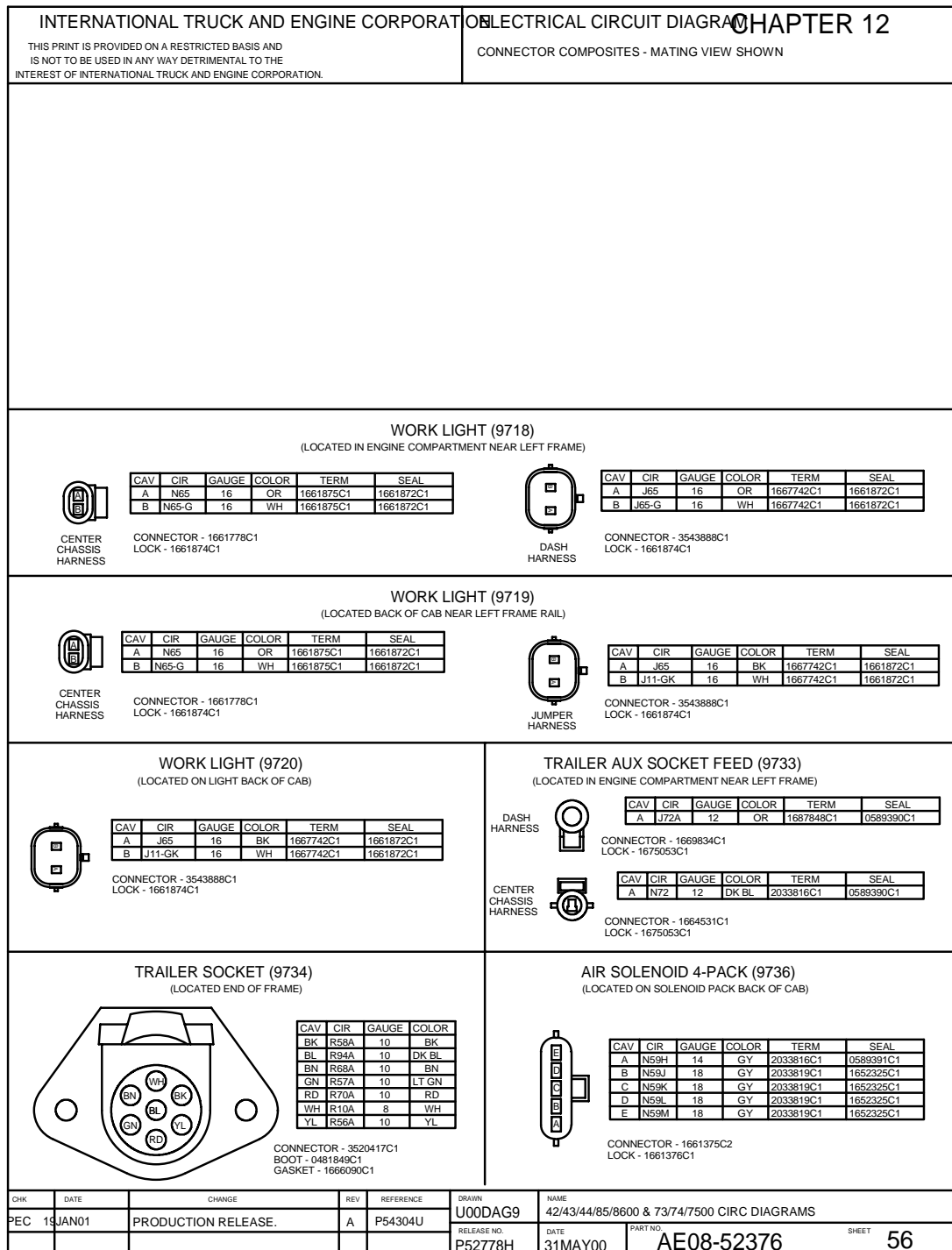
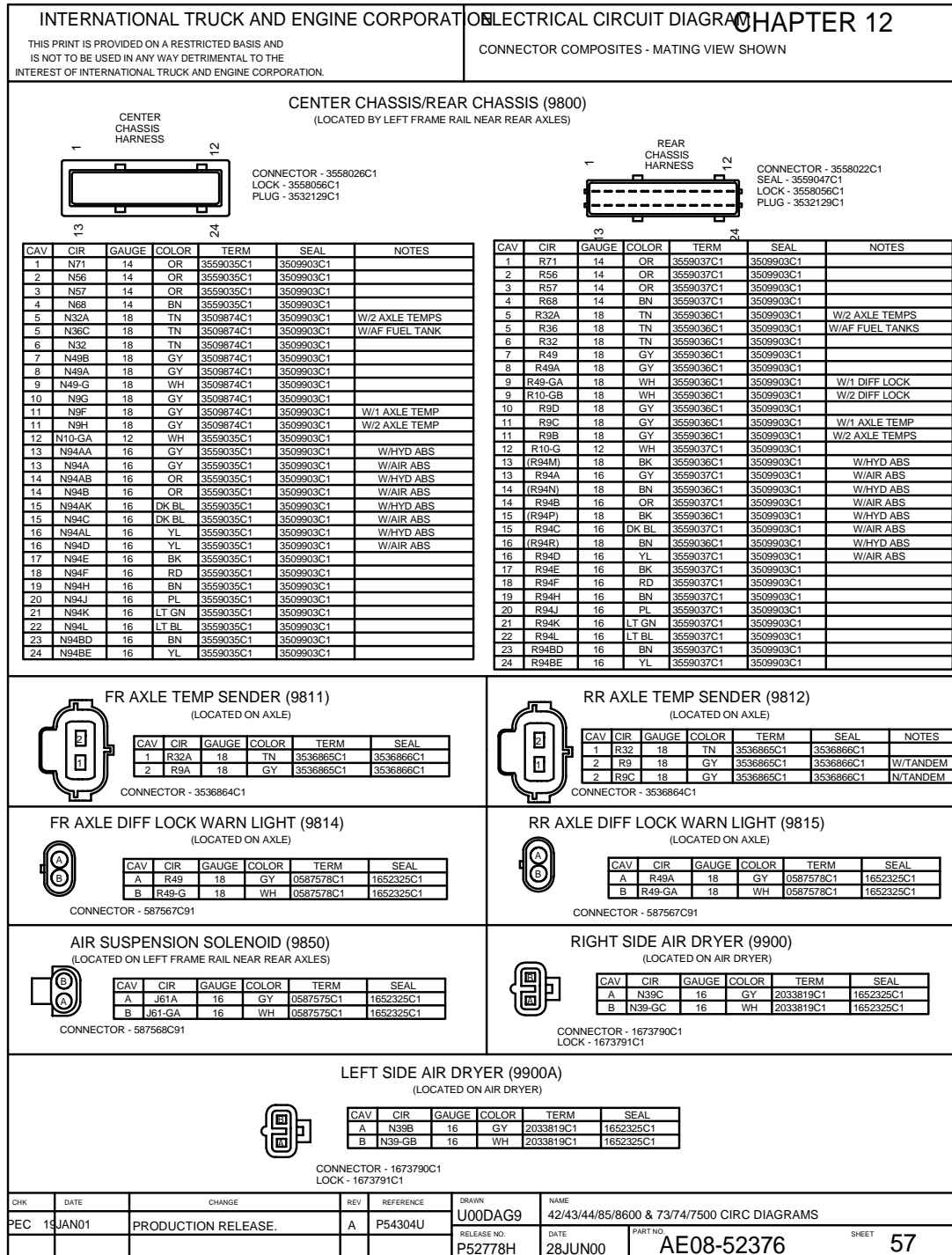


Figure 155 Connector Composites (9718), (9719), (9720), (9733), (9734), (9736)



## 12.57. CONNECTOR COMPOSITES (9800), (9811), (9812), (9814), (9815), (9850), (9900), (9900A), P. 57



**Figure 156 Connector Composites (9800), (9811), (9812), (9814), (9815), (9850), (9900), (9900A)**