

## 12. CONNECTOR COMPOSITES (CHAPTER 12)

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

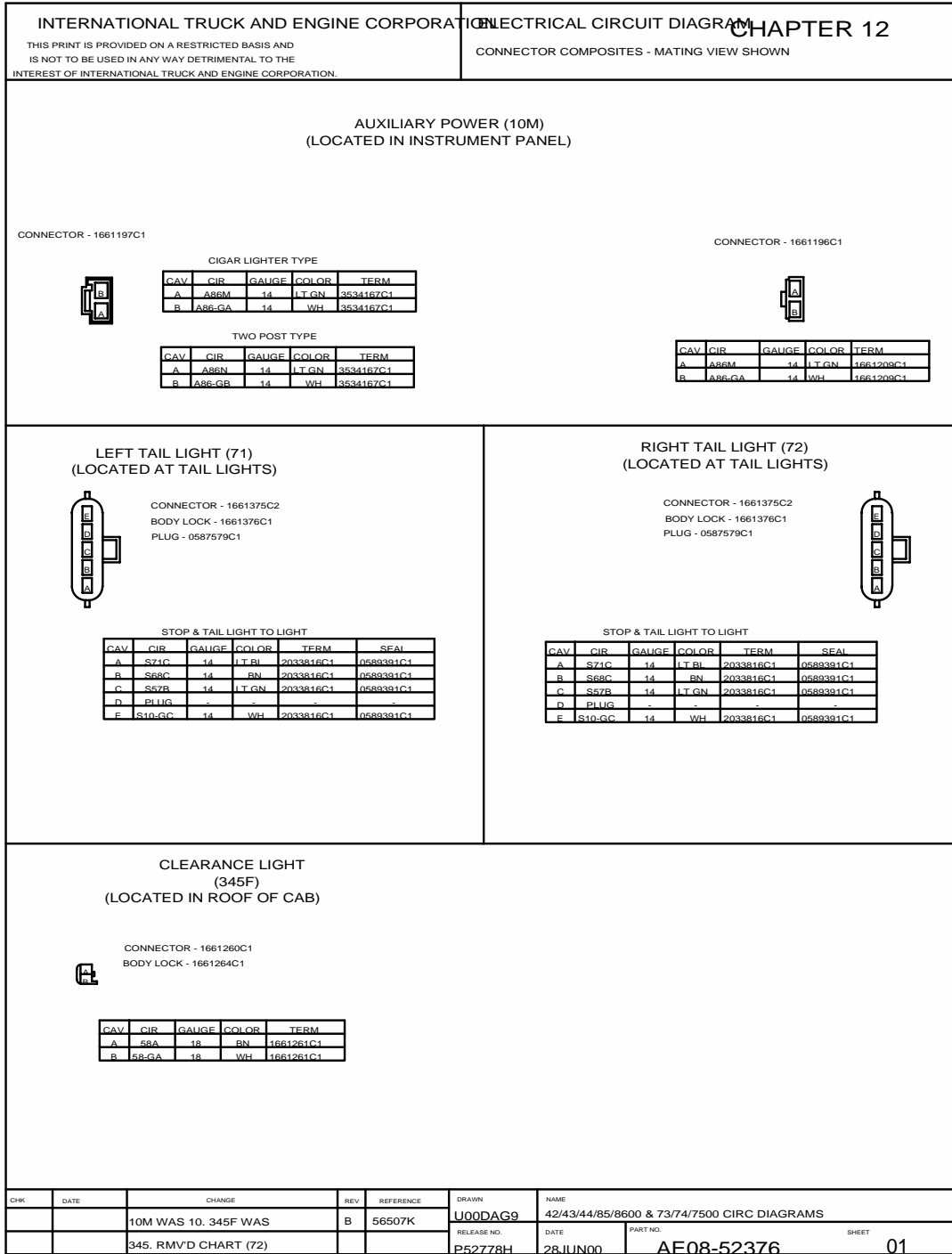


Figure 136 Connector Composites (10M), (71), (72), (345F)

12.2. CONNECTOR COMPOSITES (420F), (420M), (520), (521), (522), (523), (524), P. 2

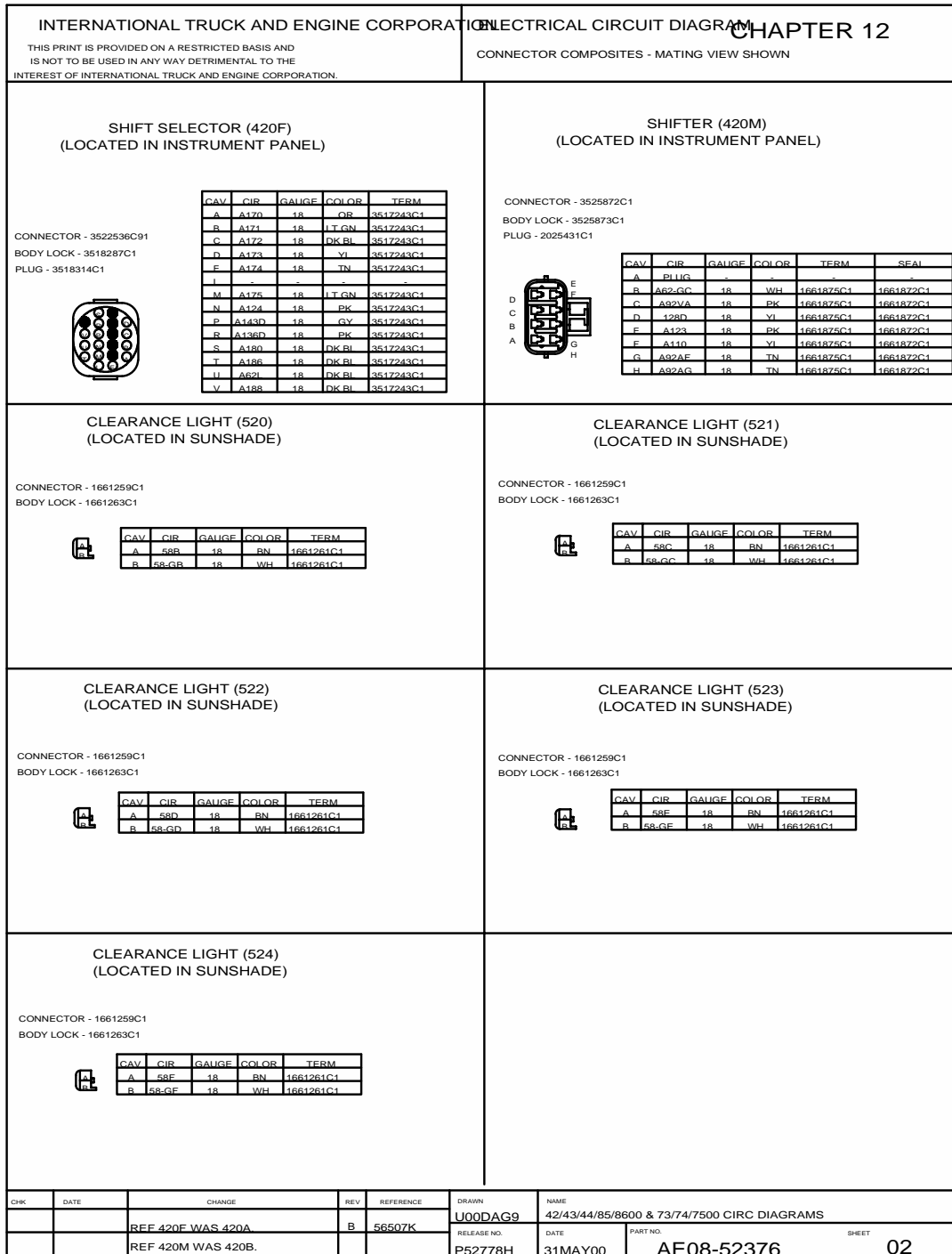


Figure 137 Connector Composites (420F), (420M), (520), (521), (522), (523), (524)

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

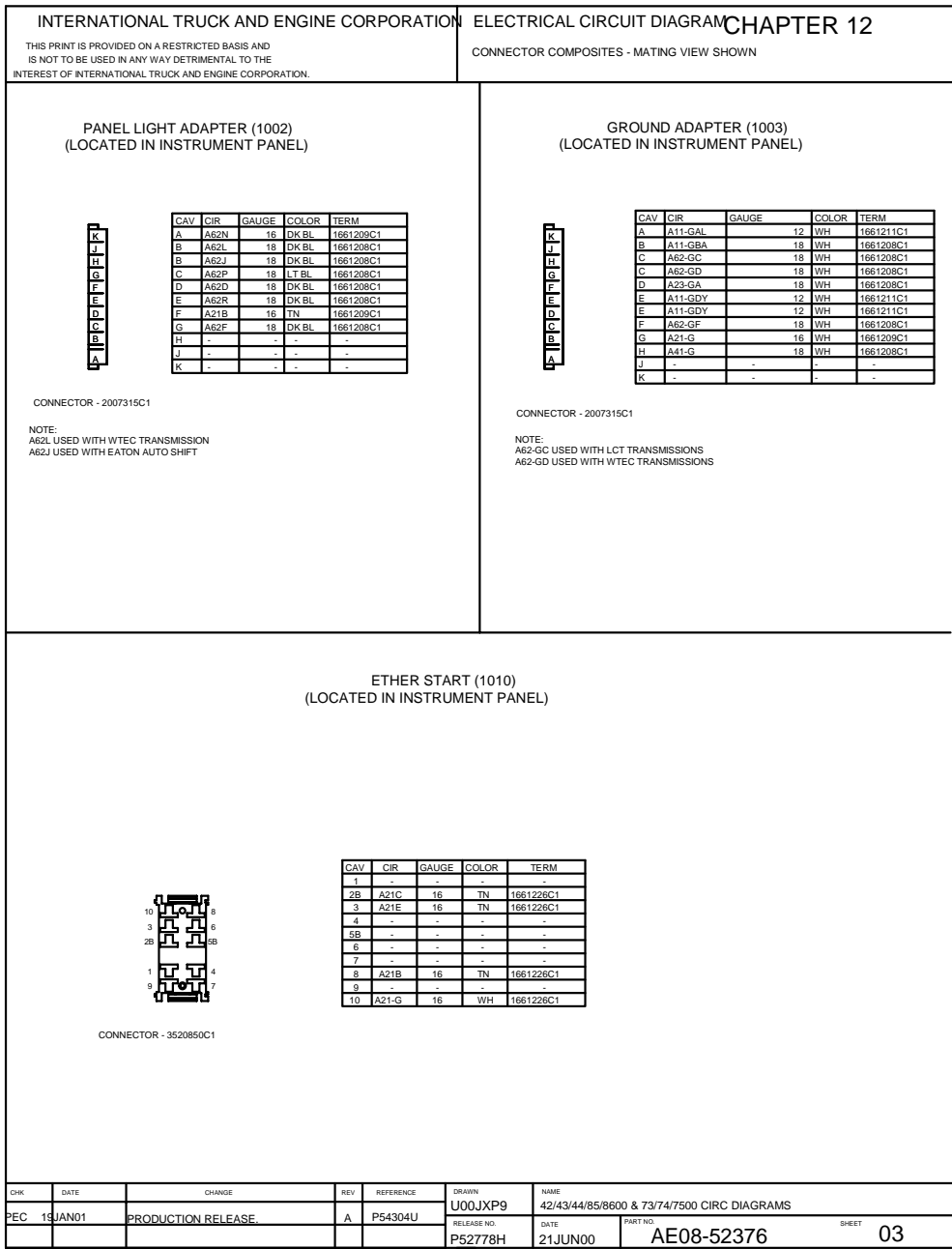


Figure 138 Connector Composites (1002), (1003), (1010)

12.4. CONNECTOR COMPOSITE (1011), P. 4

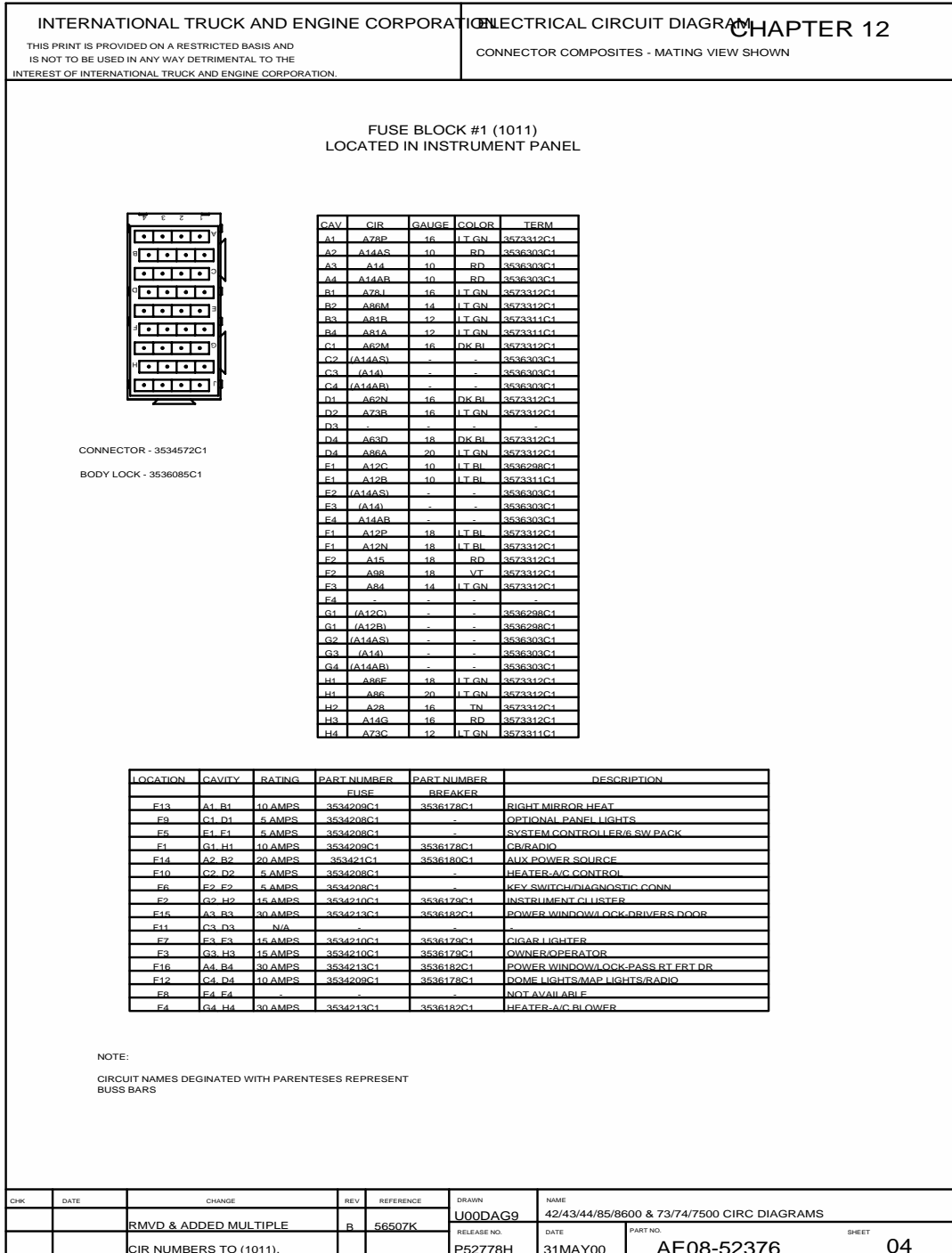


Figure 139 Connector Composite (1011)

12.5. CONNECTOR COMPOSITE (1012), P. 5

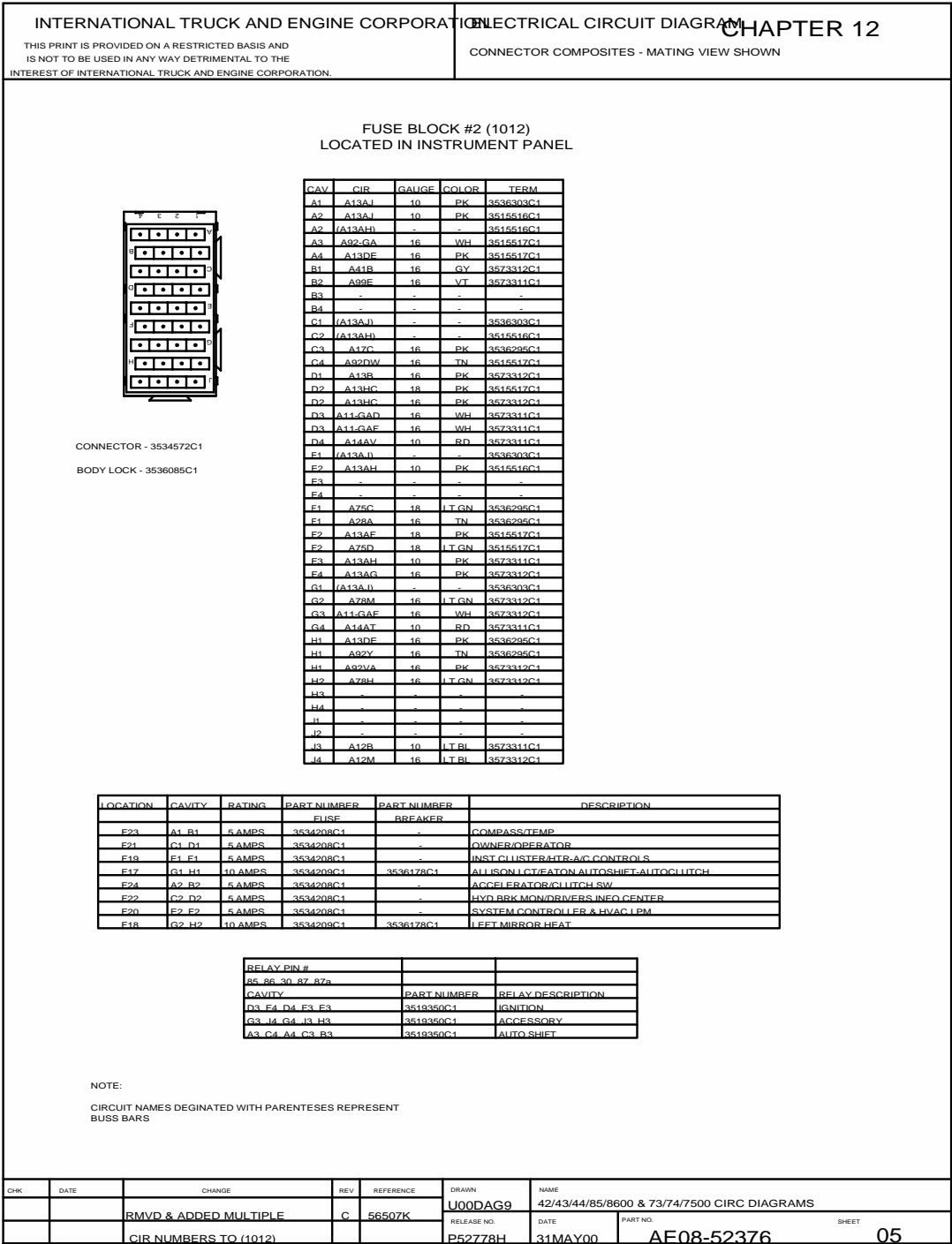


Figure 140 Connector Composite (1012)

12.6. CONNECTOR COMPOSITE (1013), P. 6

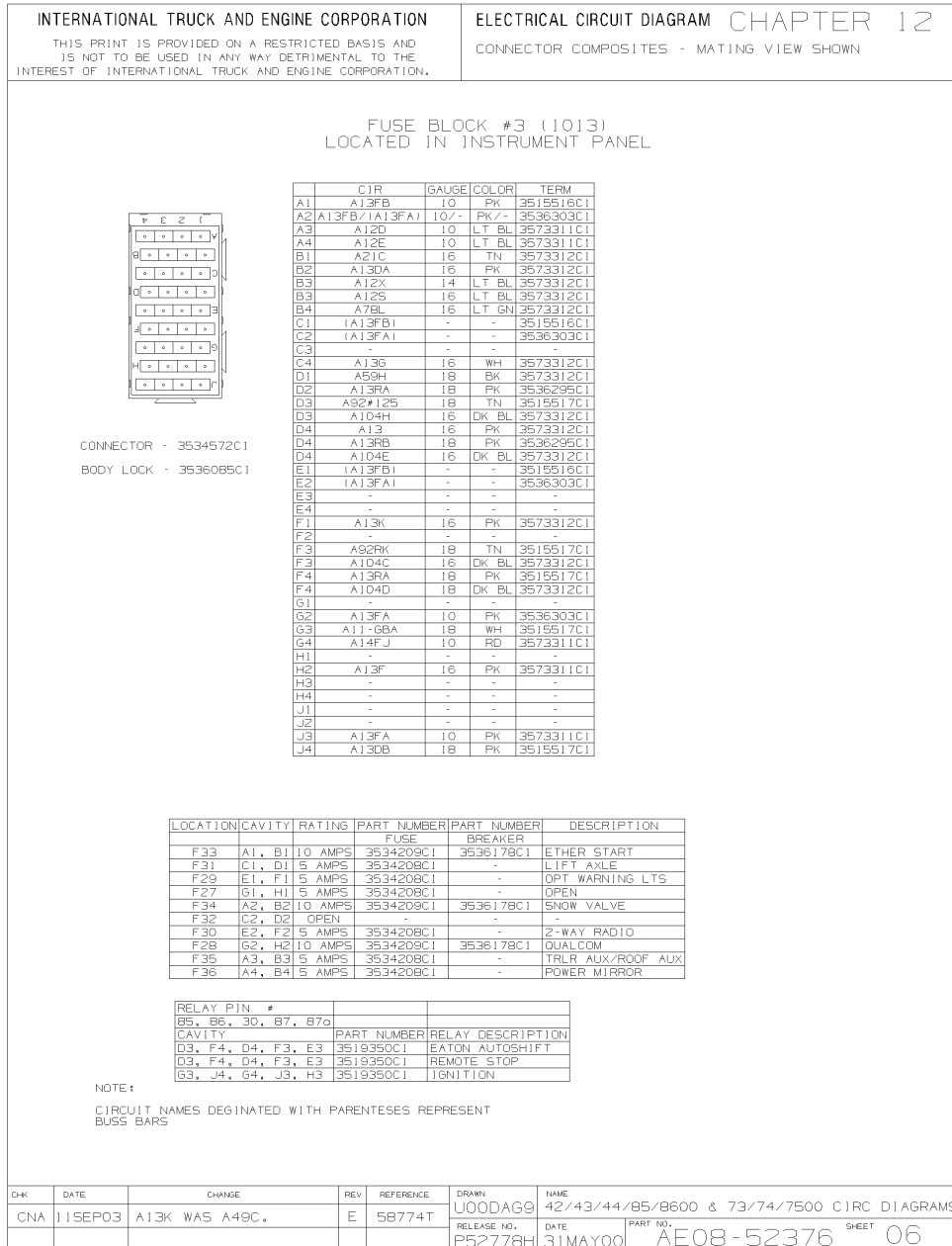


Figure 141 Connector Composite (1013)

12.7. CONNECTOR COMPOSITE (1014), P. 7

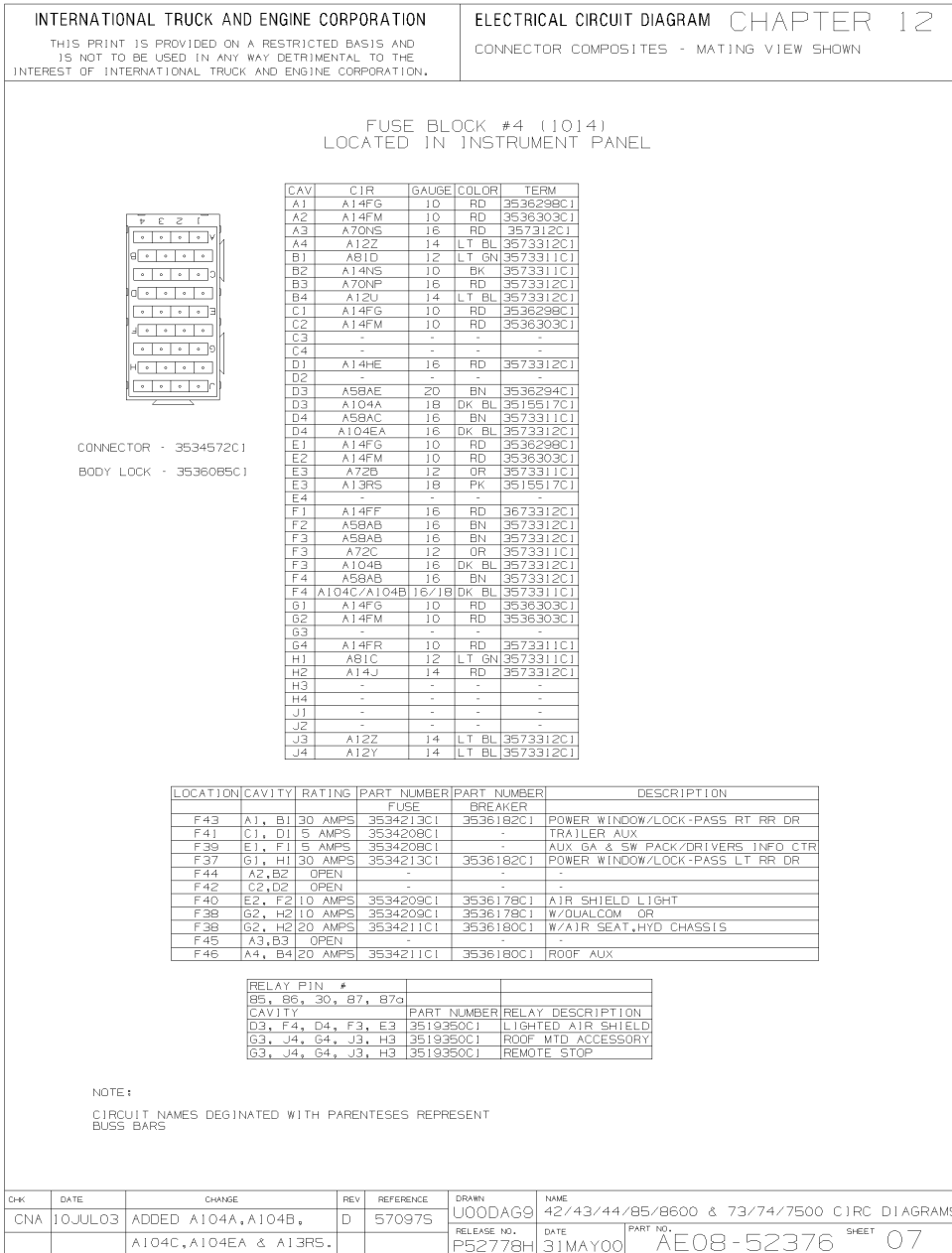


Figure 142 Connector Composite (1014)

12.8. CONNECTOR COMPOSITES (1018), (1019M), (1020M), (1021M), (1022M), P. 8

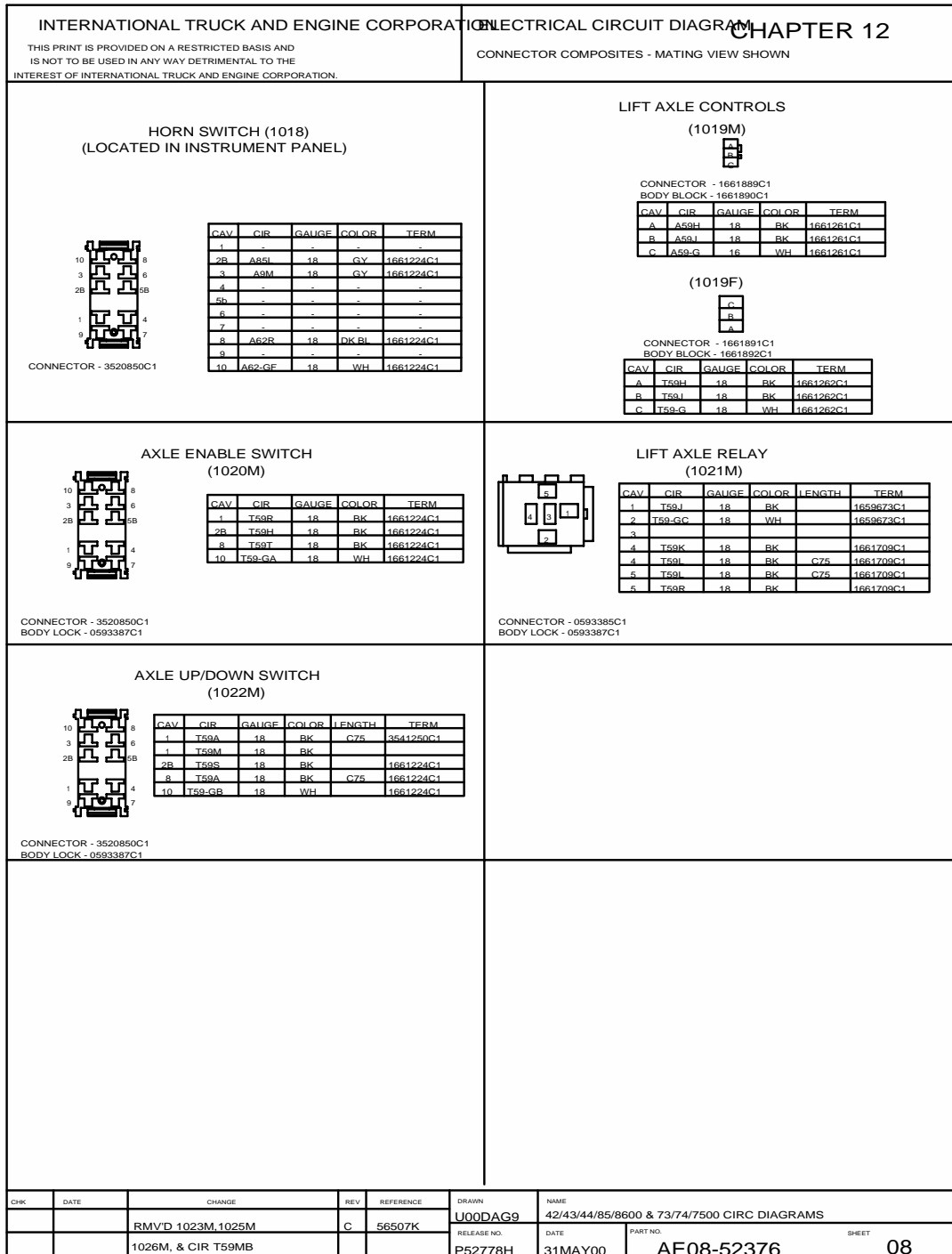


Figure 143 Connector Composites (1018), (1019M), (1020M), (1021M), (1022M)



12.9. CONNECTOR COMPOSITES (1027M, F), (1100), (1101A), (1101), (1102), P. 9

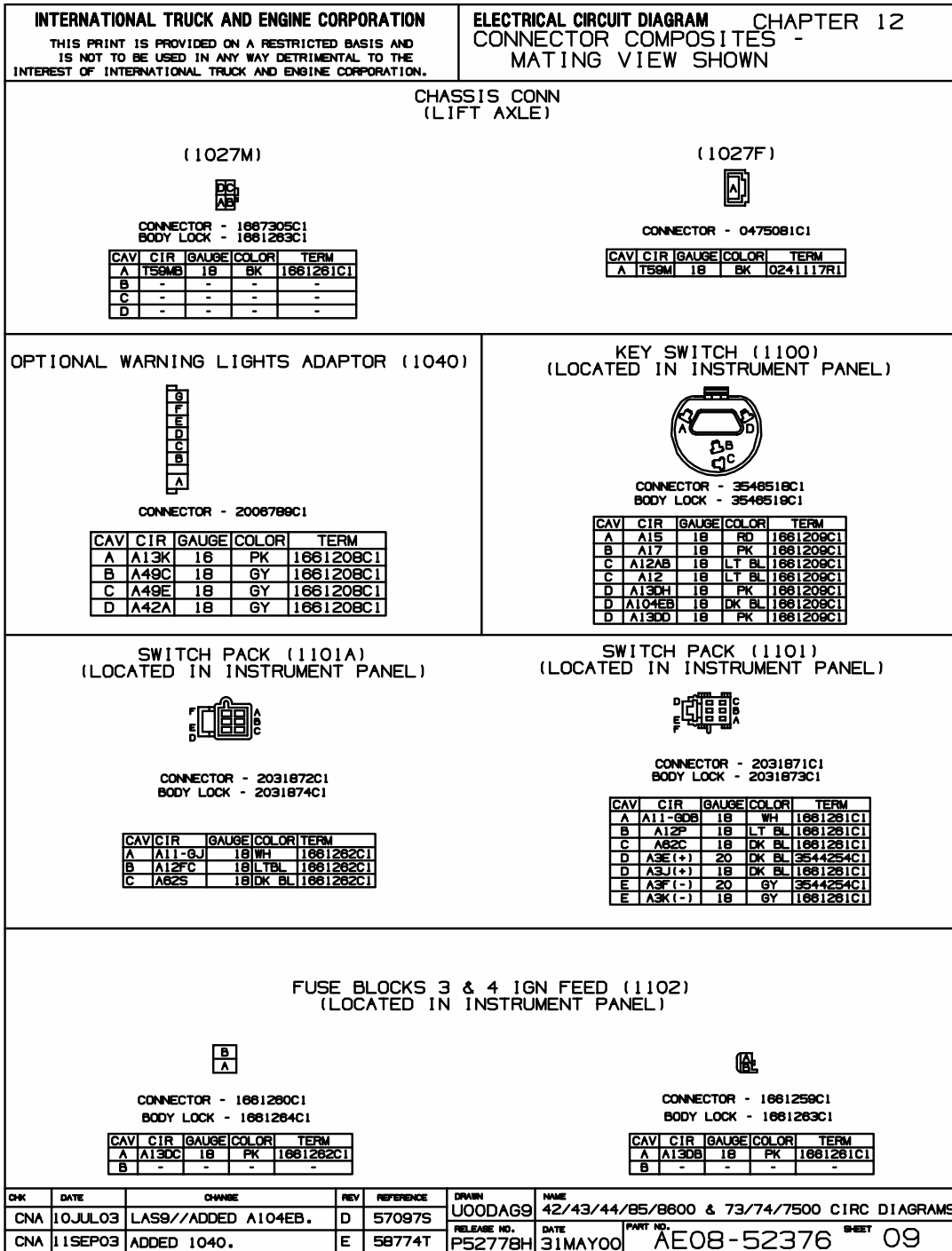


Figure 144 Connector Composites (1027M, F), (1100), (1101A), (1101), (1102)

12.10. CONNECTOR COMPOSITES (1104), (1106), (1200), (1210), P. 10

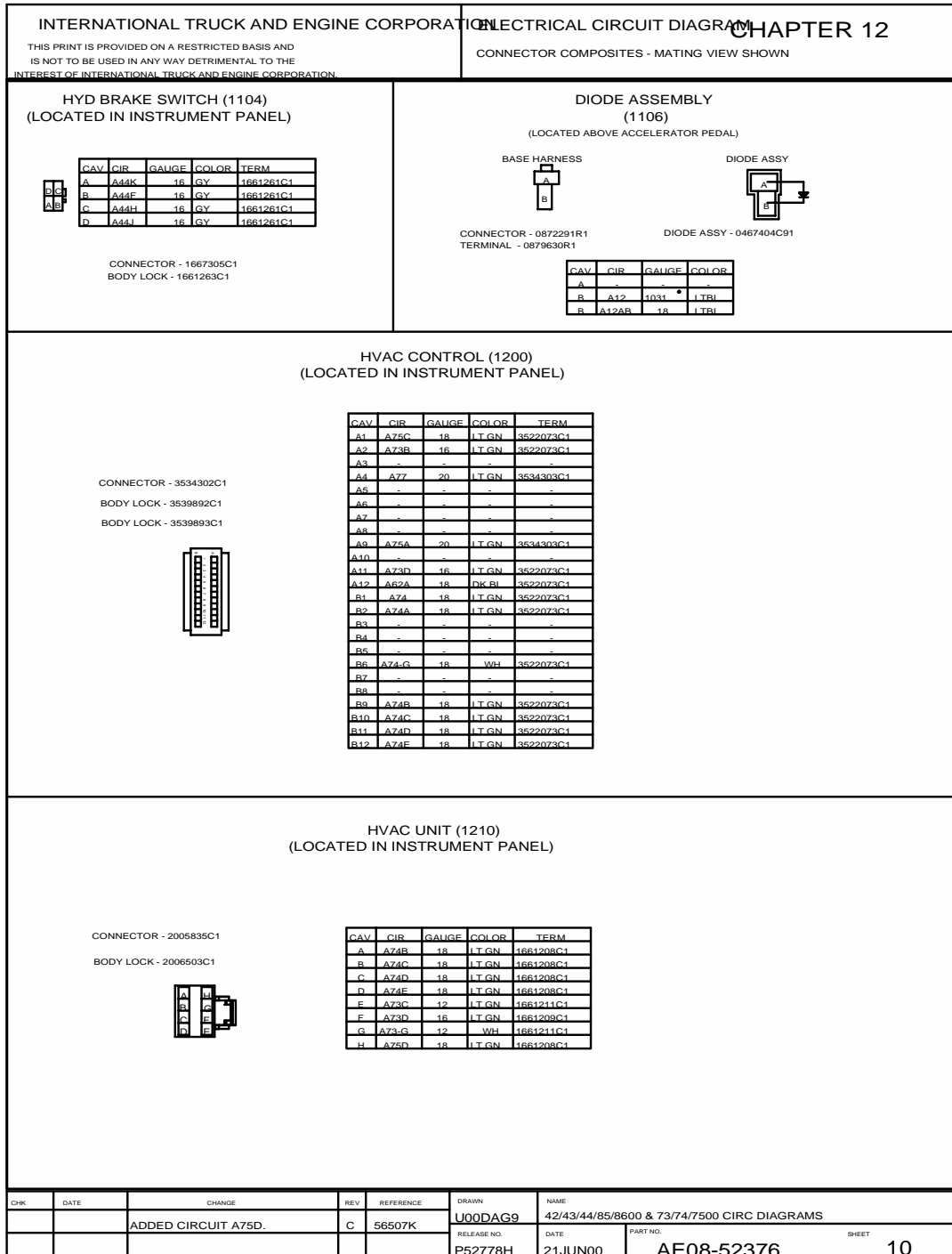
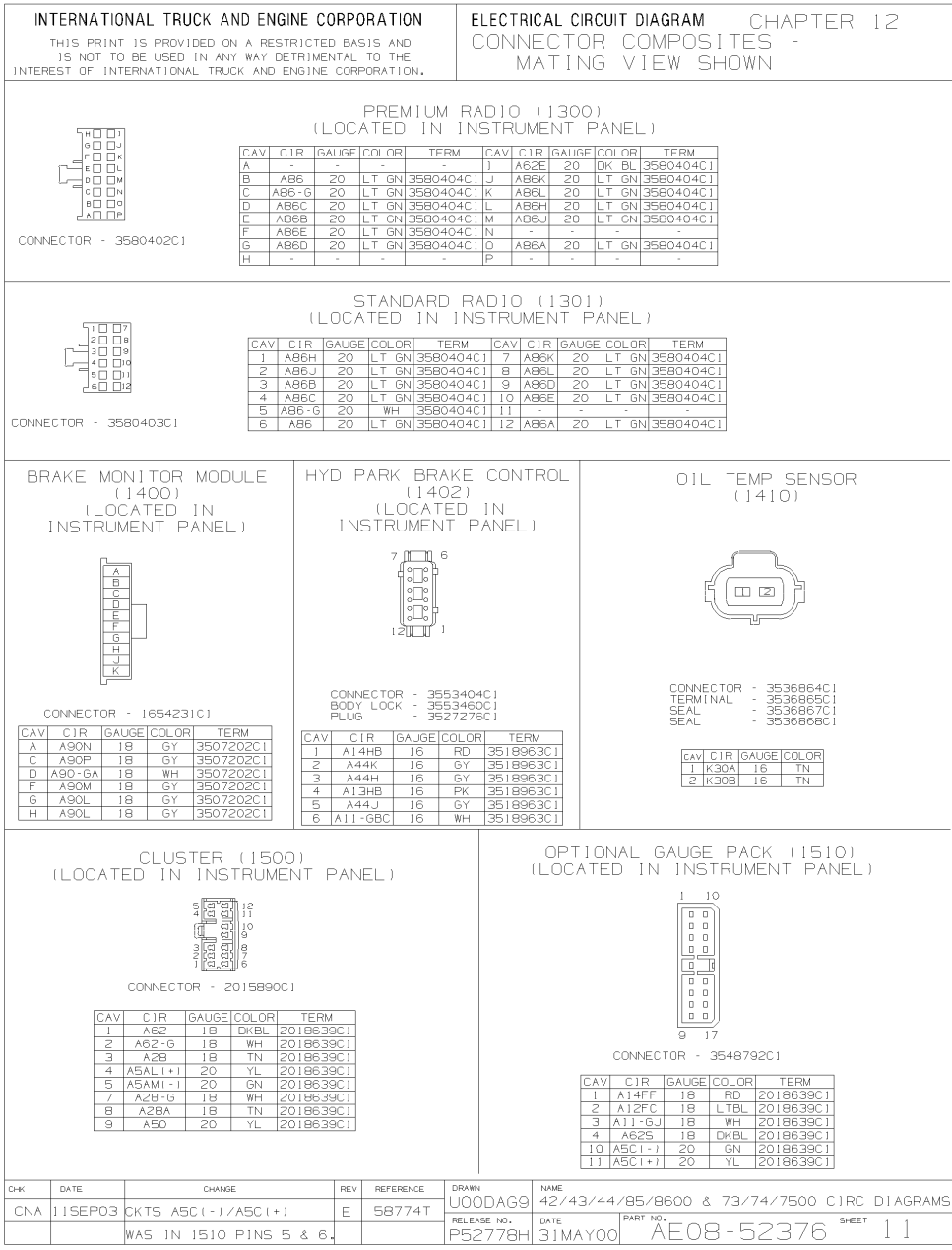


Figure 145 Connector Composites (1104), (1106), (1200), (1210)

**12.11. CONNECTOR COMPOSITES (1300), (1301), (1400), (1402), (1410), (1500), (1510), P. 11**



**Figure 146 Connector Composites (1300), (1301), (1400), (1402), (1410), (1500), (1510)**

12.12. CONNECTOR COMPOSITES (1553), (1554F), (1555), (1600), (1601), (1650), P. 12

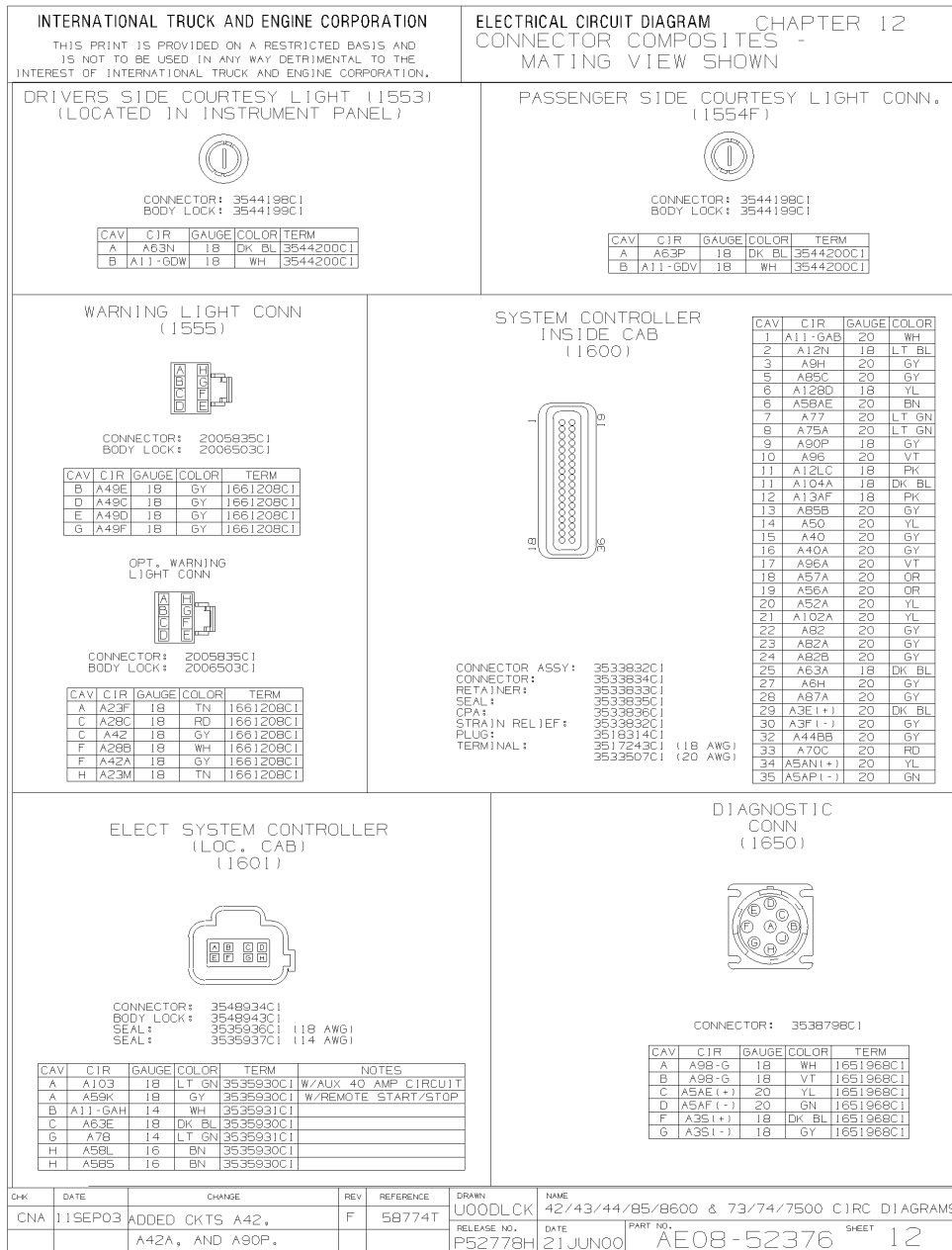


Figure 147 Connector Composites (1553), (1554F), (1555), (1600), (1601), (1650)

12.13. CONNECTOR COMPOSITES (1652), (1657M), (1658), (1659), (1800), P. 13

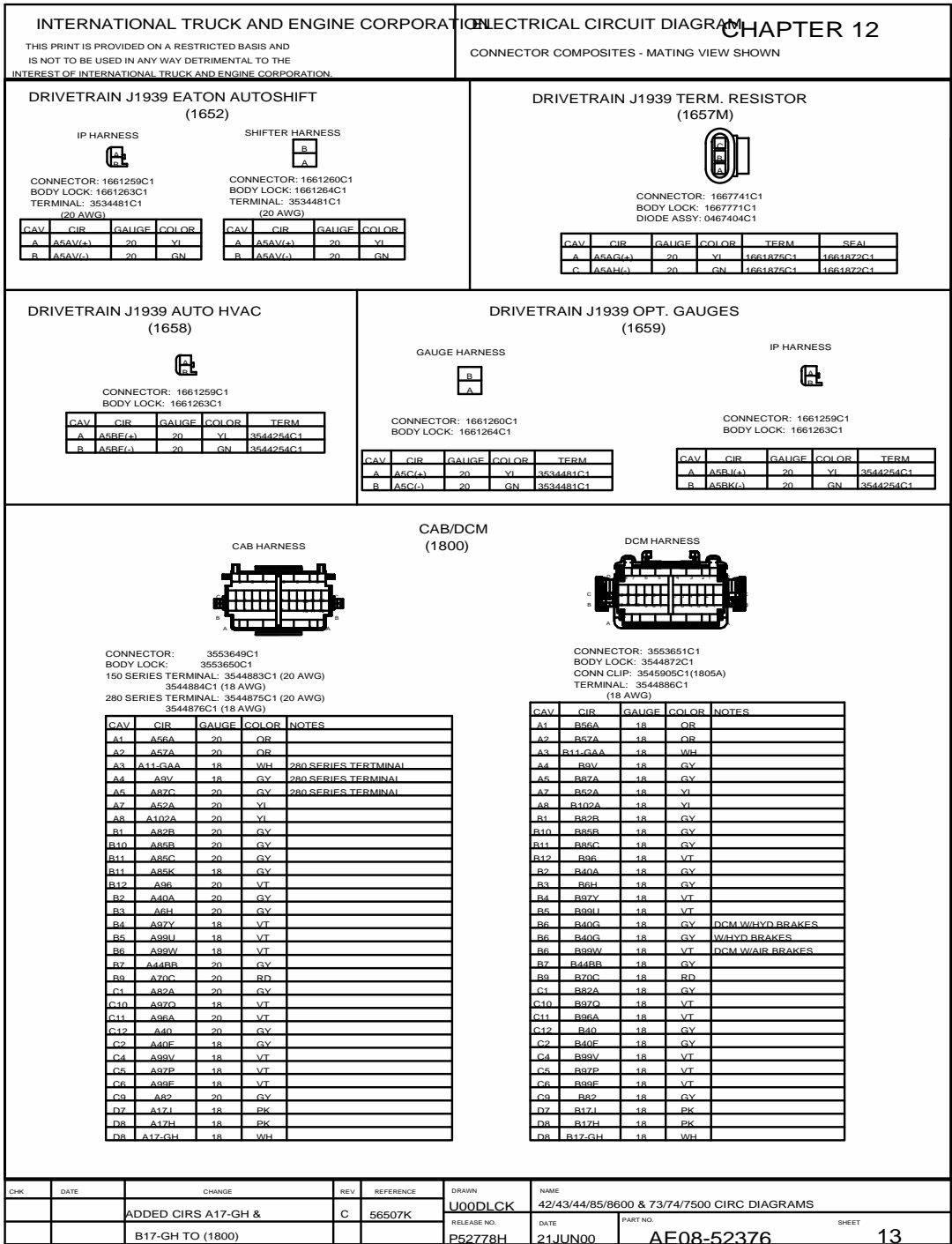
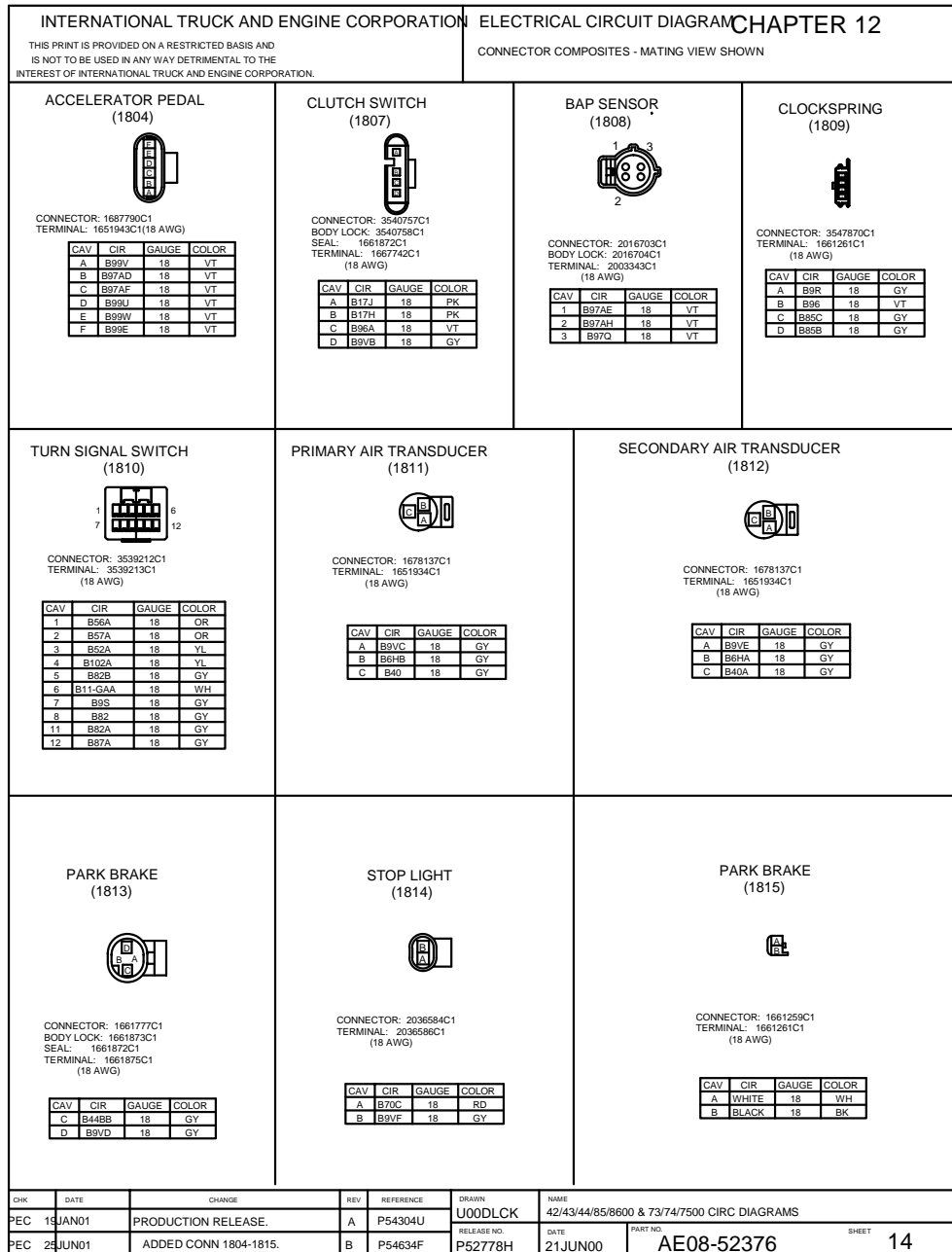


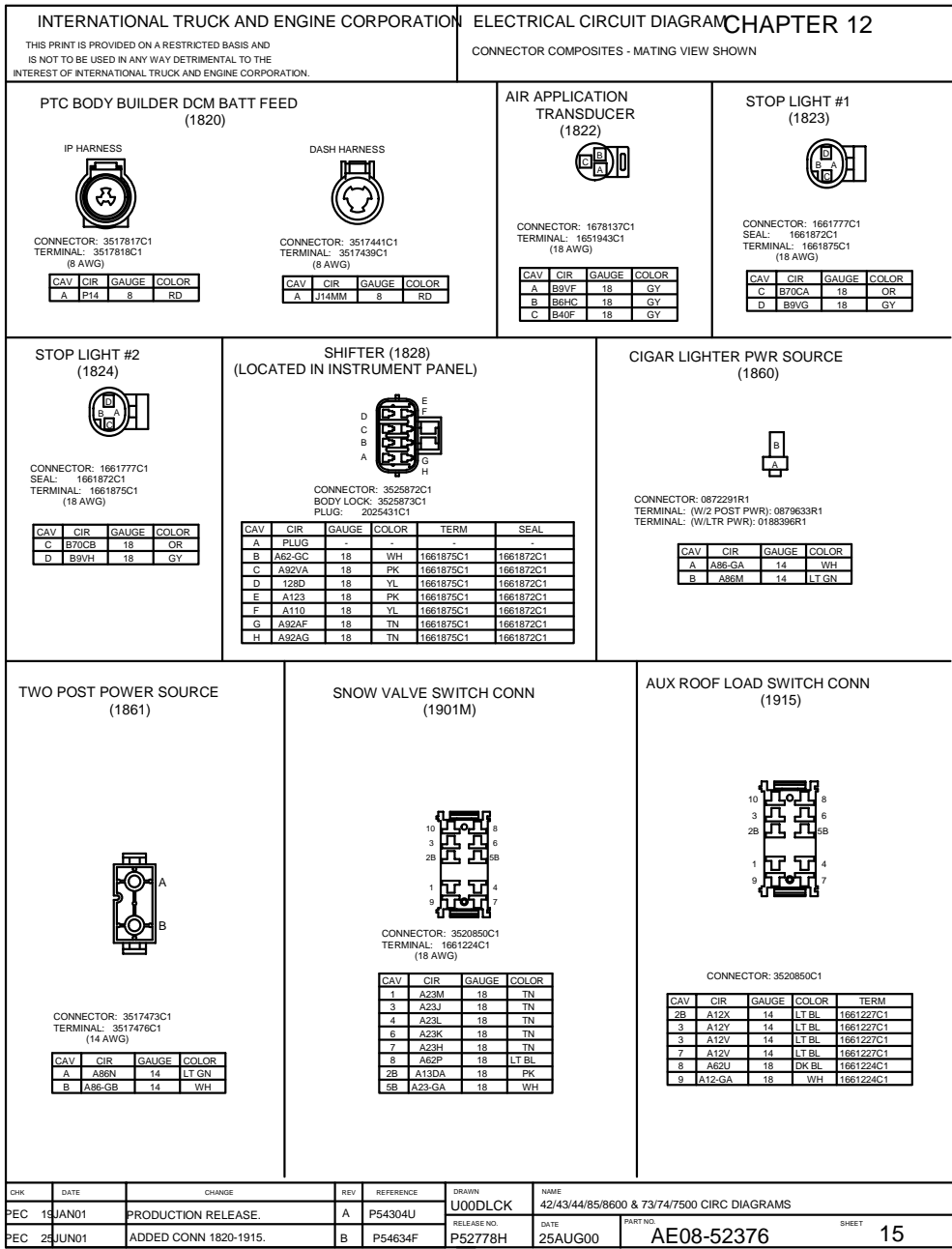
Figure 148 Connector Composites (1652), (1657M), (1658), (1659), (1800)

**12.14. CONNECTOR COMPOSITES (1804), (1807), (1808), (1809), (1810), (1811), (1812), (1813), (1814), (1815), P. 14**



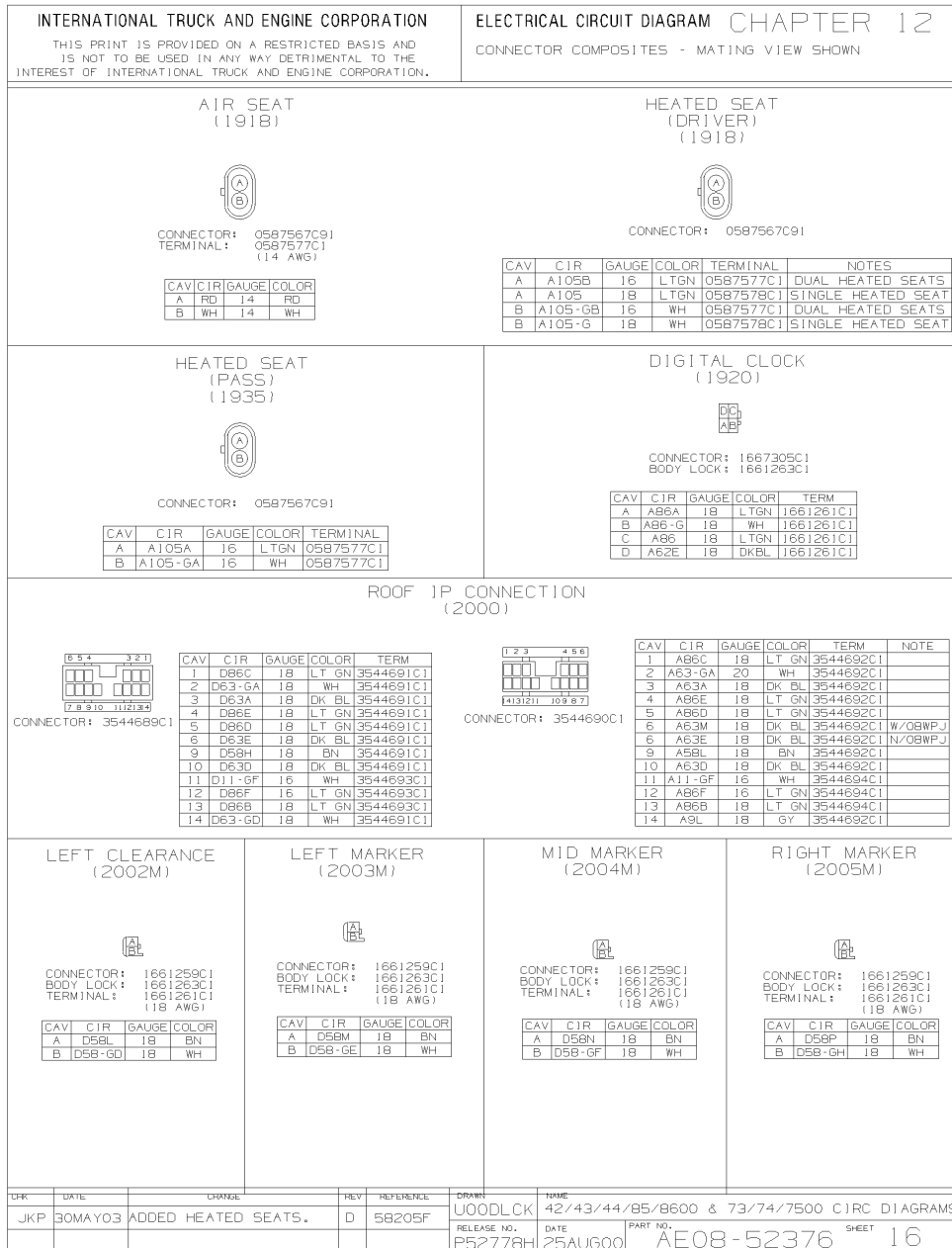
**Figure 149 Connector Composites (1804), (1807), (1808), (1809), (1810), (1811), (1812), (1813), (1814), (1815)**

**12.15. CONNECTOR COMPOSITES (1820), (1822), (1823), (1824), (1828), (1860), (1861), (1901M), (1915), P. 15**



**Figure 150 Connector Composites (1820), (1822), (1823), (1824), (1828), (1860), (1861), (1901M), (1915)**

**12.16. CONNECTOR COMPOSITES (1918), (1935), (1920), (2000), (2002M), (2003M), (2004M), (2005M), P. 16**



**Figure 151 Connector Composites (1918), (1935), (1920), (2000), (2002M), (2003M), (2004M), (2005M)**

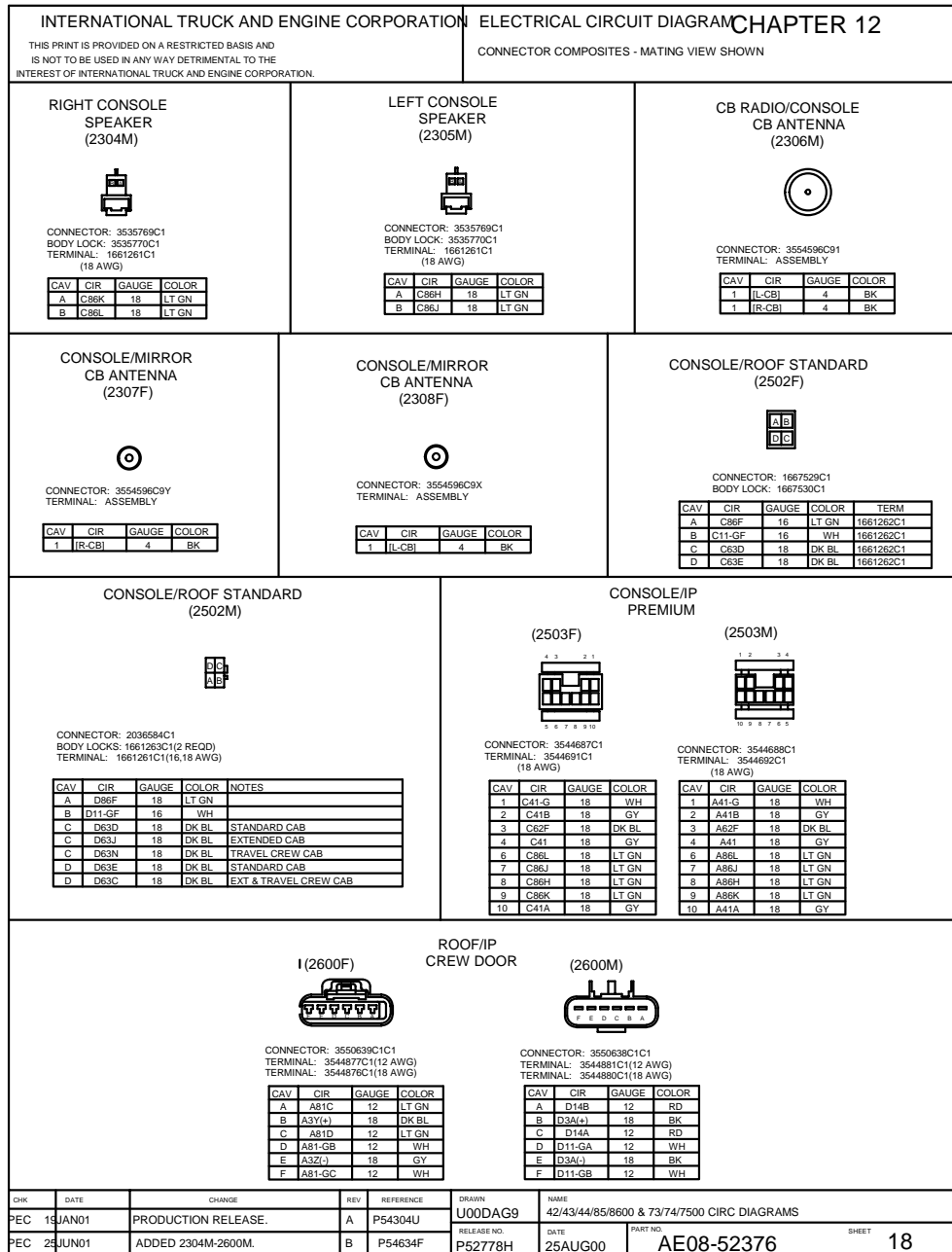


**12.17. CONNECTOR COMPOSITES (2006M), (2007F), (2021F), (2021M), (2022F), (2022M), (2111M), (2112M), (2113M), (2114M), (2115M), (2116M), (2117M), (2301M), (2302M), (2303M), P. 17**

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>RIGHT CLEARANCE (2006M)</b></p> <p>CONNECTOR: 1661259C1 BODY LOCK: 1661263C1 TERMINAL: 1661261C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D58R</td><td>18</td><td>BN</td></tr> <tr><td>B</td><td>D58-GJ</td><td>18</td><td>WH</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D58R	18	BN	B	D58-GJ	18	WH	<p><b>SUNSHADE (2007F)</b></p> <p>CONNECTOR: 1661260C1 BODY LOCK: 1661264C1 TERMINAL: 1661262C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D58T</td><td>18</td><td>BN</td></tr> <tr><td>B</td><td>D58-GL</td><td>18</td><td>WH</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D58T	18	BN	B	D58-GL	18	WH	<p><b>AUX ROOF/IP CONNECTION (2021F)</b></p> <p>CONNECTOR: 3554818C1 BODY LOCK: 3554821C1 TERMINAL: 3534167C1 (14 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D58T</td><td>14</td><td>BN</td></tr> <tr><td>B</td><td>D58-GW</td><td>14</td><td>WH</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D58T	14	BN	B	D58-GW	14	WH	<p><b>IP/AUX ROOF CONNECTION (2021M)</b></p> <p>CONNECTOR: 3554817C1 BODY LOCK: 3554820C1 TERMINAL: 3534165C1 (14 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>A12U</td><td>14</td><td>LT BL</td></tr> <tr><td>B</td><td>A12-GB</td><td>14</td><td>WH</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	A12U	14	LT BL	B	A12-GB	14	WH	<p><b>AUX ROOF/IP CONNECTION (2022F)</b></p> <p>CONNECTOR: 3554817C1 BODY LOCK: 3554821C1 TERMINAL: 1661212C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>BK</td><td>18</td><td>BK</td></tr> <tr><td>B</td><td>WH</td><td>18</td><td>WH</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	BK	18	BK	B	WH	18	WH	<p><b>IP/AUX ROOF CONNECTION (2022M)</b></p> <p>CONNECTOR: 3554817C1 BODY LOCK: 3554820C1 TERMINAL: 3534164C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>A58AD</td><td>18</td><td>BN</td></tr> <tr><td>B</td><td>A11-GHF</td><td>18</td><td>WH</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	A58AD	18	BN	B	A11-GHF	18	WH	<p><b>RIGHT DOOR DOME SWITCH (2111M)</b></p> <p>CONNECTOR: 2036584C1 TERMINAL: 2036586C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D63B</td><td>18</td><td>DK BL</td></tr> <tr><td>B</td><td>D9N</td><td>18</td><td>GY</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D63B	18	DK BL	B	D9N	18	GY	<p><b>LEFT DOOR DOME SWITCH (2112M)</b></p> <p>CONNECTOR: 2036584C1 TERMINAL: 2036586C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>NOTES</th></tr> <tr><td>A</td><td>D63H</td><td>18</td><td>DK BL</td><td>PTC</td></tr> <tr><td>A</td><td>D63A</td><td>18</td><td>DK BL</td><td>PTC</td></tr> <tr><td>B</td><td>D9D</td><td>18</td><td>GY</td><td></td></tr> <tr><td>B</td><td>D9L</td><td>18</td><td>GY</td><td>PTC</td></tr> </table>	CAV	CIR	GAUGE	COLOR	NOTES	A	D63H	18	DK BL	PTC	A	D63A	18	DK BL	PTC	B	D9D	18	GY		B	D9L	18	GY	PTC	<p><b>RIGHT CREW DOOR DOME SWITCH (2113M)</b></p> <p>CONNECTOR: 2036584C1 TERMINAL: 2036586C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D63J</td><td>18</td><td>DK BL</td></tr> <tr><td>B</td><td>D9W</td><td>18</td><td>GY</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D63J	18	DK BL	B	D9W	18	GY	<p><b>LEFT CREW DOOR DOME SWITCH (2114M)</b></p> <p>CONNECTOR: 2036584C1 TERMINAL: 2036586C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D63K</td><td>18</td><td>DK BL</td></tr> <tr><td>B</td><td>D9Y</td><td>18</td><td>GY</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D63K	18	DK BL	B	D9Y	18	GY	<p><b>REAR DOME LIGHT (2115M)</b></p> <p>CONNECTOR: 1661889C1 BODY LOCK: 1661890C1 TERMINAL: 1661261C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D63L</td><td>18</td><td>DK BL</td></tr> <tr><td>B</td><td>D63-GH</td><td>18</td><td>WH</td></tr> <tr><td>C</td><td>D63K</td><td>18</td><td>DK BL</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D63L	18	DK BL	B	D63-GH	18	WH	C	D63K	18	DK BL	<p><b>DOME LAMP (2116M)</b></p> <p>CONNECTOR: 3536187C1 BODY LOCK: 1661890C1 TERMINAL: 1661261C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>NOTES</th></tr> <tr><td>A</td><td>C63D</td><td>18</td><td>DK BL</td><td></td></tr> <tr><td>B</td><td>C63-GE</td><td>18</td><td>WH</td><td>W/DUAL CB</td></tr> <tr><td>B</td><td>C11-GF</td><td>16</td><td>WH</td><td>W/O CB</td></tr> <tr><td>C</td><td>C63E</td><td>18</td><td>DK BL</td><td></td></tr> </table>	CAV	CIR	GAUGE	COLOR	NOTES	A	C63D	18	DK BL		B	C63-GE	18	WH	W/DUAL CB	B	C11-GF	16	WH	W/O CB	C	C63E	18	DK BL		<p><b>DOME/READING LIGHT COMPASS/TEMP UNIT (2117M)</b></p> <p>CONNECTOR: 3515762C1 BODY LOCK: 3515764C1-2 TERMINAL: 1661261C1(18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>C41-G</td><td>18</td><td>WH</td></tr> <tr><td>B</td><td>C63-GE</td><td>18</td><td>WH</td></tr> <tr><td>C</td><td>C63D</td><td>18</td><td>DK BL</td></tr> <tr><td>D</td><td>C41B</td><td>18</td><td>GY</td></tr> <tr><td>E</td><td>C62F</td><td>18</td><td>DK BL</td></tr> <tr><td>F</td><td>C63E</td><td>18</td><td>DK BL</td></tr> <tr><td>G</td><td>C41</td><td>18</td><td>GY</td></tr> <tr><td>H</td><td>C41A</td><td>18</td><td>GY</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	C41-G	18	WH	B	C63-GE	18	WH	C	C63D	18	DK BL	D	C41B	18	GY	E	C62F	18	DK BL	F	C63E	18	DK BL	G	C41	18	GY	H	C41A	18	GY	<p><b>RIGHT REAR SPEAKER (2301M)</b></p> <p>CONNECTOR: 3535769C1 BODY LOCK: 3535770C1</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr><td>A</td><td>D86D</td><td>18</td><td>LT GN</td><td>1661261C1</td></tr> <tr><td>B</td><td>D86E</td><td>18</td><td>LT GN</td><td>1661261C1</td></tr> </table>	CAV	CIR	GAUGE	COLOR	TERM	A	D86D	18	LT GN	1661261C1	B	D86E	18	LT GN	1661261C1	<p><b>LEFT REAR SPEAKER (2302M)</b></p> <p>CONNECTOR: 3535769C1 BODY LOCK: 3535770C1 TERMINAL: 1661261C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D86B</td><td>18</td><td>LT GN</td></tr> <tr><td>B</td><td>D86C</td><td>18</td><td>LT GN</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D86B	18	LT GN	B	D86C	18	LT GN	<p><b>CB RADIO POWER (2303M)</b></p> <p>CONNECTOR: 1661197C1 TERMINAL: 1661212C1 (16 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>C86F</td><td>16</td><td>LT GN</td></tr> <tr><td>B</td><td>C86-GF</td><td>16</td><td>WH</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	C86F	16	LT GN	B	C86-GF	16	WH	<table border="1"> <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>P54304J</td><td>U00DLCK</td><td>42/43/44/85/8600 &amp; 73/74/7500 CIRC DIAGRAMS</td></tr> <tr><td>PEC</td><td>25JUN01</td><td>ADDED 2006M-2303M.</td><td>B</td><td>P54634F</td><td>P52778H</td><td>DATE: 25AUG00 PART NO: AE08-52376</td></tr> </table>	CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	PEC	15JAN01	PRODUCTION RELEASE.	A	P54304J	U00DLCK	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS	PEC	25JUN01	ADDED 2006M-2303M.	B	P54634F	P52778H	DATE: 25AUG00 PART NO: AE08-52376	<table border="1"> <tr><th>RELEASE NO.</th><th>DATE</th><th>PART NO.</th><th>SHEET</th></tr> <tr><td>P52778H</td><td>25AUG00</td><td>AE08-52376</td><td>17</td></tr> </table>			RELEASE NO.	DATE	PART NO.	SHEET	P52778H	25AUG00	AE08-52376	17
CAV	CIR	GAUGE	COLOR																																																																																																																																																																																																																																																																																																						
A	D58R	18	BN																																																																																																																																																																																																																																																																																																						
B	D58-GJ	18	WH																																																																																																																																																																																																																																																																																																						
CAV	CIR	GAUGE	COLOR																																																																																																																																																																																																																																																																																																						
A	D58T	18	BN																																																																																																																																																																																																																																																																																																						
B	D58-GL	18	WH																																																																																																																																																																																																																																																																																																						
CAV	CIR	GAUGE	COLOR																																																																																																																																																																																																																																																																																																						
A	D58T	14	BN																																																																																																																																																																																																																																																																																																						
B	D58-GW	14	WH																																																																																																																																																																																																																																																																																																						
CAV	CIR	GAUGE	COLOR																																																																																																																																																																																																																																																																																																						
A	A12U	14	LT BL																																																																																																																																																																																																																																																																																																						
B	A12-GB	14	WH																																																																																																																																																																																																																																																																																																						
<p><b>AUX ROOF/IP CONNECTION (2022F)</b></p> <p>CONNECTOR: 3554817C1 BODY LOCK: 3554821C1 TERMINAL: 1661212C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>BK</td><td>18</td><td>BK</td></tr> <tr><td>B</td><td>WH</td><td>18</td><td>WH</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	BK	18	BK	B	WH	18	WH	<p><b>IP/AUX ROOF CONNECTION (2022M)</b></p> <p>CONNECTOR: 3554817C1 BODY LOCK: 3554820C1 TERMINAL: 3534164C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>A58AD</td><td>18</td><td>BN</td></tr> <tr><td>B</td><td>A11-GHF</td><td>18</td><td>WH</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	A58AD	18	BN	B	A11-GHF	18	WH	<p><b>RIGHT DOOR DOME SWITCH (2111M)</b></p> <p>CONNECTOR: 2036584C1 TERMINAL: 2036586C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D63B</td><td>18</td><td>DK BL</td></tr> <tr><td>B</td><td>D9N</td><td>18</td><td>GY</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D63B	18	DK BL	B	D9N	18	GY	<p><b>LEFT DOOR DOME SWITCH (2112M)</b></p> <p>CONNECTOR: 2036584C1 TERMINAL: 2036586C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>NOTES</th></tr> <tr><td>A</td><td>D63H</td><td>18</td><td>DK BL</td><td>PTC</td></tr> <tr><td>A</td><td>D63A</td><td>18</td><td>DK BL</td><td>PTC</td></tr> <tr><td>B</td><td>D9D</td><td>18</td><td>GY</td><td></td></tr> <tr><td>B</td><td>D9L</td><td>18</td><td>GY</td><td>PTC</td></tr> </table>	CAV	CIR	GAUGE	COLOR	NOTES	A	D63H	18	DK BL	PTC	A	D63A	18	DK BL	PTC	B	D9D	18	GY		B	D9L	18	GY	PTC	<p><b>RIGHT CREW DOOR DOME SWITCH (2113M)</b></p> <p>CONNECTOR: 2036584C1 TERMINAL: 2036586C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D63J</td><td>18</td><td>DK BL</td></tr> <tr><td>B</td><td>D9W</td><td>18</td><td>GY</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D63J	18	DK BL	B	D9W	18	GY	<p><b>LEFT CREW DOOR DOME SWITCH (2114M)</b></p> <p>CONNECTOR: 2036584C1 TERMINAL: 2036586C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D63K</td><td>18</td><td>DK BL</td></tr> <tr><td>B</td><td>D9Y</td><td>18</td><td>GY</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D63K	18	DK BL	B	D9Y	18	GY	<p><b>REAR DOME LIGHT (2115M)</b></p> <p>CONNECTOR: 1661889C1 BODY LOCK: 1661890C1 TERMINAL: 1661261C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D63L</td><td>18</td><td>DK BL</td></tr> <tr><td>B</td><td>D63-GH</td><td>18</td><td>WH</td></tr> <tr><td>C</td><td>D63K</td><td>18</td><td>DK BL</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D63L	18	DK BL	B	D63-GH	18	WH	C	D63K	18	DK BL	<p><b>DOME LAMP (2116M)</b></p> <p>CONNECTOR: 3536187C1 BODY LOCK: 1661890C1 TERMINAL: 1661261C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>NOTES</th></tr> <tr><td>A</td><td>C63D</td><td>18</td><td>DK BL</td><td></td></tr> <tr><td>B</td><td>C63-GE</td><td>18</td><td>WH</td><td>W/DUAL CB</td></tr> <tr><td>B</td><td>C11-GF</td><td>16</td><td>WH</td><td>W/O CB</td></tr> <tr><td>C</td><td>C63E</td><td>18</td><td>DK BL</td><td></td></tr> </table>	CAV	CIR	GAUGE	COLOR	NOTES	A	C63D	18	DK BL		B	C63-GE	18	WH	W/DUAL CB	B	C11-GF	16	WH	W/O CB	C	C63E	18	DK BL		<p><b>DOME/READING LIGHT COMPASS/TEMP UNIT (2117M)</b></p> <p>CONNECTOR: 3515762C1 BODY LOCK: 3515764C1-2 TERMINAL: 1661261C1(18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>C41-G</td><td>18</td><td>WH</td></tr> <tr><td>B</td><td>C63-GE</td><td>18</td><td>WH</td></tr> <tr><td>C</td><td>C63D</td><td>18</td><td>DK BL</td></tr> <tr><td>D</td><td>C41B</td><td>18</td><td>GY</td></tr> <tr><td>E</td><td>C62F</td><td>18</td><td>DK BL</td></tr> <tr><td>F</td><td>C63E</td><td>18</td><td>DK BL</td></tr> <tr><td>G</td><td>C41</td><td>18</td><td>GY</td></tr> <tr><td>H</td><td>C41A</td><td>18</td><td>GY</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	C41-G	18	WH	B	C63-GE	18	WH	C	C63D	18	DK BL	D	C41B	18	GY	E	C62F	18	DK BL	F	C63E	18	DK BL	G	C41	18	GY	H	C41A	18	GY	<p><b>RIGHT REAR SPEAKER (2301M)</b></p> <p>CONNECTOR: 3535769C1 BODY LOCK: 3535770C1</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr><td>A</td><td>D86D</td><td>18</td><td>LT GN</td><td>1661261C1</td></tr> <tr><td>B</td><td>D86E</td><td>18</td><td>LT GN</td><td>1661261C1</td></tr> </table>	CAV	CIR	GAUGE	COLOR	TERM	A	D86D	18	LT GN	1661261C1	B	D86E	18	LT GN	1661261C1	<p><b>LEFT REAR SPEAKER (2302M)</b></p> <p>CONNECTOR: 3535769C1 BODY LOCK: 3535770C1 TERMINAL: 1661261C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D86B</td><td>18</td><td>LT GN</td></tr> <tr><td>B</td><td>D86C</td><td>18</td><td>LT GN</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D86B	18	LT GN	B	D86C	18	LT GN	<p><b>CB RADIO POWER (2303M)</b></p> <p>CONNECTOR: 1661197C1 TERMINAL: 1661212C1 (16 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>C86F</td><td>16</td><td>LT GN</td></tr> <tr><td>B</td><td>C86-GF</td><td>16</td><td>WH</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	C86F	16	LT GN	B	C86-GF	16	WH	<table border="1"> <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>P54304J</td><td>U00DLCK</td><td>42/43/44/85/8600 &amp; 73/74/7500 CIRC DIAGRAMS</td></tr> <tr><td>PEC</td><td>25JUN01</td><td>ADDED 2006M-2303M.</td><td>B</td><td>P54634F</td><td>P52778H</td><td>DATE: 25AUG00 PART NO: AE08-52376</td></tr> </table>	CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	PEC	15JAN01	PRODUCTION RELEASE.	A	P54304J	U00DLCK	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS	PEC	25JUN01	ADDED 2006M-2303M.	B	P54634F	P52778H	DATE: 25AUG00 PART NO: AE08-52376	<table border="1"> <tr><th>RELEASE NO.</th><th>DATE</th><th>PART NO.</th><th>SHEET</th></tr> <tr><td>P52778H</td><td>25AUG00</td><td>AE08-52376</td><td>17</td></tr> </table>			RELEASE NO.	DATE	PART NO.	SHEET	P52778H	25AUG00	AE08-52376	17																																																				
CAV	CIR	GAUGE	COLOR																																																																																																																																																																																																																																																																																																						
A	BK	18	BK																																																																																																																																																																																																																																																																																																						
B	WH	18	WH																																																																																																																																																																																																																																																																																																						
CAV	CIR	GAUGE	COLOR																																																																																																																																																																																																																																																																																																						
A	A58AD	18	BN																																																																																																																																																																																																																																																																																																						
B	A11-GHF	18	WH																																																																																																																																																																																																																																																																																																						
CAV	CIR	GAUGE	COLOR																																																																																																																																																																																																																																																																																																						
A	D63B	18	DK BL																																																																																																																																																																																																																																																																																																						
B	D9N	18	GY																																																																																																																																																																																																																																																																																																						
CAV	CIR	GAUGE	COLOR	NOTES																																																																																																																																																																																																																																																																																																					
A	D63H	18	DK BL	PTC																																																																																																																																																																																																																																																																																																					
A	D63A	18	DK BL	PTC																																																																																																																																																																																																																																																																																																					
B	D9D	18	GY																																																																																																																																																																																																																																																																																																						
B	D9L	18	GY	PTC																																																																																																																																																																																																																																																																																																					
<p><b>RIGHT CREW DOOR DOME SWITCH (2113M)</b></p> <p>CONNECTOR: 2036584C1 TERMINAL: 2036586C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D63J</td><td>18</td><td>DK BL</td></tr> <tr><td>B</td><td>D9W</td><td>18</td><td>GY</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D63J	18	DK BL	B	D9W	18	GY	<p><b>LEFT CREW DOOR DOME SWITCH (2114M)</b></p> <p>CONNECTOR: 2036584C1 TERMINAL: 2036586C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D63K</td><td>18</td><td>DK BL</td></tr> <tr><td>B</td><td>D9Y</td><td>18</td><td>GY</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D63K	18	DK BL	B	D9Y	18	GY	<p><b>REAR DOME LIGHT (2115M)</b></p> <p>CONNECTOR: 1661889C1 BODY LOCK: 1661890C1 TERMINAL: 1661261C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D63L</td><td>18</td><td>DK BL</td></tr> <tr><td>B</td><td>D63-GH</td><td>18</td><td>WH</td></tr> <tr><td>C</td><td>D63K</td><td>18</td><td>DK BL</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D63L	18	DK BL	B	D63-GH	18	WH	C	D63K	18	DK BL	<p><b>DOME LAMP (2116M)</b></p> <p>CONNECTOR: 3536187C1 BODY LOCK: 1661890C1 TERMINAL: 1661261C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>NOTES</th></tr> <tr><td>A</td><td>C63D</td><td>18</td><td>DK BL</td><td></td></tr> <tr><td>B</td><td>C63-GE</td><td>18</td><td>WH</td><td>W/DUAL CB</td></tr> <tr><td>B</td><td>C11-GF</td><td>16</td><td>WH</td><td>W/O CB</td></tr> <tr><td>C</td><td>C63E</td><td>18</td><td>DK BL</td><td></td></tr> </table>	CAV	CIR	GAUGE	COLOR	NOTES	A	C63D	18	DK BL		B	C63-GE	18	WH	W/DUAL CB	B	C11-GF	16	WH	W/O CB	C	C63E	18	DK BL		<p><b>DOME/READING LIGHT COMPASS/TEMP UNIT (2117M)</b></p> <p>CONNECTOR: 3515762C1 BODY LOCK: 3515764C1-2 TERMINAL: 1661261C1(18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>C41-G</td><td>18</td><td>WH</td></tr> <tr><td>B</td><td>C63-GE</td><td>18</td><td>WH</td></tr> <tr><td>C</td><td>C63D</td><td>18</td><td>DK BL</td></tr> <tr><td>D</td><td>C41B</td><td>18</td><td>GY</td></tr> <tr><td>E</td><td>C62F</td><td>18</td><td>DK BL</td></tr> <tr><td>F</td><td>C63E</td><td>18</td><td>DK BL</td></tr> <tr><td>G</td><td>C41</td><td>18</td><td>GY</td></tr> <tr><td>H</td><td>C41A</td><td>18</td><td>GY</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	C41-G	18	WH	B	C63-GE	18	WH	C	C63D	18	DK BL	D	C41B	18	GY	E	C62F	18	DK BL	F	C63E	18	DK BL	G	C41	18	GY	H	C41A	18	GY	<p><b>RIGHT REAR SPEAKER (2301M)</b></p> <p>CONNECTOR: 3535769C1 BODY LOCK: 3535770C1</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr><td>A</td><td>D86D</td><td>18</td><td>LT GN</td><td>1661261C1</td></tr> <tr><td>B</td><td>D86E</td><td>18</td><td>LT GN</td><td>1661261C1</td></tr> </table>	CAV	CIR	GAUGE	COLOR	TERM	A	D86D	18	LT GN	1661261C1	B	D86E	18	LT GN	1661261C1	<p><b>LEFT REAR SPEAKER (2302M)</b></p> <p>CONNECTOR: 3535769C1 BODY LOCK: 3535770C1 TERMINAL: 1661261C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D86B</td><td>18</td><td>LT GN</td></tr> <tr><td>B</td><td>D86C</td><td>18</td><td>LT GN</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D86B	18	LT GN	B	D86C	18	LT GN	<p><b>CB RADIO POWER (2303M)</b></p> <p>CONNECTOR: 1661197C1 TERMINAL: 1661212C1 (16 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>C86F</td><td>16</td><td>LT GN</td></tr> <tr><td>B</td><td>C86-GF</td><td>16</td><td>WH</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	C86F	16	LT GN	B	C86-GF	16	WH	<table border="1"> <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>P54304J</td><td>U00DLCK</td><td>42/43/44/85/8600 &amp; 73/74/7500 CIRC DIAGRAMS</td></tr> <tr><td>PEC</td><td>25JUN01</td><td>ADDED 2006M-2303M.</td><td>B</td><td>P54634F</td><td>P52778H</td><td>DATE: 25AUG00 PART NO: AE08-52376</td></tr> </table>	CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	PEC	15JAN01	PRODUCTION RELEASE.	A	P54304J	U00DLCK	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS	PEC	25JUN01	ADDED 2006M-2303M.	B	P54634F	P52778H	DATE: 25AUG00 PART NO: AE08-52376	<table border="1"> <tr><th>RELEASE NO.</th><th>DATE</th><th>PART NO.</th><th>SHEET</th></tr> <tr><td>P52778H</td><td>25AUG00</td><td>AE08-52376</td><td>17</td></tr> </table>			RELEASE NO.	DATE	PART NO.	SHEET	P52778H	25AUG00	AE08-52376	17																																																																																																																					
CAV	CIR	GAUGE	COLOR																																																																																																																																																																																																																																																																																																						
A	D63J	18	DK BL																																																																																																																																																																																																																																																																																																						
B	D9W	18	GY																																																																																																																																																																																																																																																																																																						
CAV	CIR	GAUGE	COLOR																																																																																																																																																																																																																																																																																																						
A	D63K	18	DK BL																																																																																																																																																																																																																																																																																																						
B	D9Y	18	GY																																																																																																																																																																																																																																																																																																						
CAV	CIR	GAUGE	COLOR																																																																																																																																																																																																																																																																																																						
A	D63L	18	DK BL																																																																																																																																																																																																																																																																																																						
B	D63-GH	18	WH																																																																																																																																																																																																																																																																																																						
C	D63K	18	DK BL																																																																																																																																																																																																																																																																																																						
CAV	CIR	GAUGE	COLOR	NOTES																																																																																																																																																																																																																																																																																																					
A	C63D	18	DK BL																																																																																																																																																																																																																																																																																																						
B	C63-GE	18	WH	W/DUAL CB																																																																																																																																																																																																																																																																																																					
B	C11-GF	16	WH	W/O CB																																																																																																																																																																																																																																																																																																					
C	C63E	18	DK BL																																																																																																																																																																																																																																																																																																						
<p><b>DOME/READING LIGHT COMPASS/TEMP UNIT (2117M)</b></p> <p>CONNECTOR: 3515762C1 BODY LOCK: 3515764C1-2 TERMINAL: 1661261C1(18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>C41-G</td><td>18</td><td>WH</td></tr> <tr><td>B</td><td>C63-GE</td><td>18</td><td>WH</td></tr> <tr><td>C</td><td>C63D</td><td>18</td><td>DK BL</td></tr> <tr><td>D</td><td>C41B</td><td>18</td><td>GY</td></tr> <tr><td>E</td><td>C62F</td><td>18</td><td>DK BL</td></tr> <tr><td>F</td><td>C63E</td><td>18</td><td>DK BL</td></tr> <tr><td>G</td><td>C41</td><td>18</td><td>GY</td></tr> <tr><td>H</td><td>C41A</td><td>18</td><td>GY</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	C41-G	18	WH	B	C63-GE	18	WH	C	C63D	18	DK BL	D	C41B	18	GY	E	C62F	18	DK BL	F	C63E	18	DK BL	G	C41	18	GY	H	C41A	18	GY	<p><b>RIGHT REAR SPEAKER (2301M)</b></p> <p>CONNECTOR: 3535769C1 BODY LOCK: 3535770C1</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr><td>A</td><td>D86D</td><td>18</td><td>LT GN</td><td>1661261C1</td></tr> <tr><td>B</td><td>D86E</td><td>18</td><td>LT GN</td><td>1661261C1</td></tr> </table>	CAV	CIR	GAUGE	COLOR	TERM	A	D86D	18	LT GN	1661261C1	B	D86E	18	LT GN	1661261C1	<p><b>LEFT REAR SPEAKER (2302M)</b></p> <p>CONNECTOR: 3535769C1 BODY LOCK: 3535770C1 TERMINAL: 1661261C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D86B</td><td>18</td><td>LT GN</td></tr> <tr><td>B</td><td>D86C</td><td>18</td><td>LT GN</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D86B	18	LT GN	B	D86C	18	LT GN	<p><b>CB RADIO POWER (2303M)</b></p> <p>CONNECTOR: 1661197C1 TERMINAL: 1661212C1 (16 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>C86F</td><td>16</td><td>LT GN</td></tr> <tr><td>B</td><td>C86-GF</td><td>16</td><td>WH</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	C86F	16	LT GN	B	C86-GF	16	WH	<table border="1"> <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>P54304J</td><td>U00DLCK</td><td>42/43/44/85/8600 &amp; 73/74/7500 CIRC DIAGRAMS</td></tr> <tr><td>PEC</td><td>25JUN01</td><td>ADDED 2006M-2303M.</td><td>B</td><td>P54634F</td><td>P52778H</td><td>DATE: 25AUG00 PART NO: AE08-52376</td></tr> </table>	CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	PEC	15JAN01	PRODUCTION RELEASE.	A	P54304J	U00DLCK	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS	PEC	25JUN01	ADDED 2006M-2303M.	B	P54634F	P52778H	DATE: 25AUG00 PART NO: AE08-52376	<table border="1"> <tr><th>RELEASE NO.</th><th>DATE</th><th>PART NO.</th><th>SHEET</th></tr> <tr><td>P52778H</td><td>25AUG00</td><td>AE08-52376</td><td>17</td></tr> </table>			RELEASE NO.	DATE	PART NO.	SHEET	P52778H	25AUG00	AE08-52376	17																																																																																																																																																																																										
CAV	CIR	GAUGE	COLOR																																																																																																																																																																																																																																																																																																						
A	C41-G	18	WH																																																																																																																																																																																																																																																																																																						
B	C63-GE	18	WH																																																																																																																																																																																																																																																																																																						
C	C63D	18	DK BL																																																																																																																																																																																																																																																																																																						
D	C41B	18	GY																																																																																																																																																																																																																																																																																																						
E	C62F	18	DK BL																																																																																																																																																																																																																																																																																																						
F	C63E	18	DK BL																																																																																																																																																																																																																																																																																																						
G	C41	18	GY																																																																																																																																																																																																																																																																																																						
H	C41A	18	GY																																																																																																																																																																																																																																																																																																						
CAV	CIR	GAUGE	COLOR	TERM																																																																																																																																																																																																																																																																																																					
A	D86D	18	LT GN	1661261C1																																																																																																																																																																																																																																																																																																					
B	D86E	18	LT GN	1661261C1																																																																																																																																																																																																																																																																																																					
CAV	CIR	GAUGE	COLOR																																																																																																																																																																																																																																																																																																						
A	D86B	18	LT GN																																																																																																																																																																																																																																																																																																						
B	D86C	18	LT GN																																																																																																																																																																																																																																																																																																						
CAV	CIR	GAUGE	COLOR																																																																																																																																																																																																																																																																																																						
A	C86F	16	LT GN																																																																																																																																																																																																																																																																																																						
B	C86-GF	16	WH																																																																																																																																																																																																																																																																																																						
<table border="1"> <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>P54304J</td><td>U00DLCK</td><td>42/43/44/85/8600 &amp; 73/74/7500 CIRC DIAGRAMS</td></tr> <tr><td>PEC</td><td>25JUN01</td><td>ADDED 2006M-2303M.</td><td>B</td><td>P54634F</td><td>P52778H</td><td>DATE: 25AUG00 PART NO: AE08-52376</td></tr> </table>	CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	PEC	15JAN01	PRODUCTION RELEASE.	A	P54304J	U00DLCK	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS	PEC	25JUN01	ADDED 2006M-2303M.	B	P54634F	P52778H	DATE: 25AUG00 PART NO: AE08-52376	<table border="1"> <tr><th>RELEASE NO.</th><th>DATE</th><th>PART NO.</th><th>SHEET</th></tr> <tr><td>P52778H</td><td>25AUG00</td><td>AE08-52376</td><td>17</td></tr> </table>			RELEASE NO.	DATE	PART NO.	SHEET	P52778H	25AUG00	AE08-52376	17																																																																																																																																																																																																																																																																									
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																																																																																																																																																																																																																																			
PEC	15JAN01	PRODUCTION RELEASE.	A	P54304J	U00DLCK	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS																																																																																																																																																																																																																																																																																																			
PEC	25JUN01	ADDED 2006M-2303M.	B	P54634F	P52778H	DATE: 25AUG00 PART NO: AE08-52376																																																																																																																																																																																																																																																																																																			
RELEASE NO.	DATE	PART NO.	SHEET																																																																																																																																																																																																																																																																																																						
P52778H	25AUG00	AE08-52376	17																																																																																																																																																																																																																																																																																																						

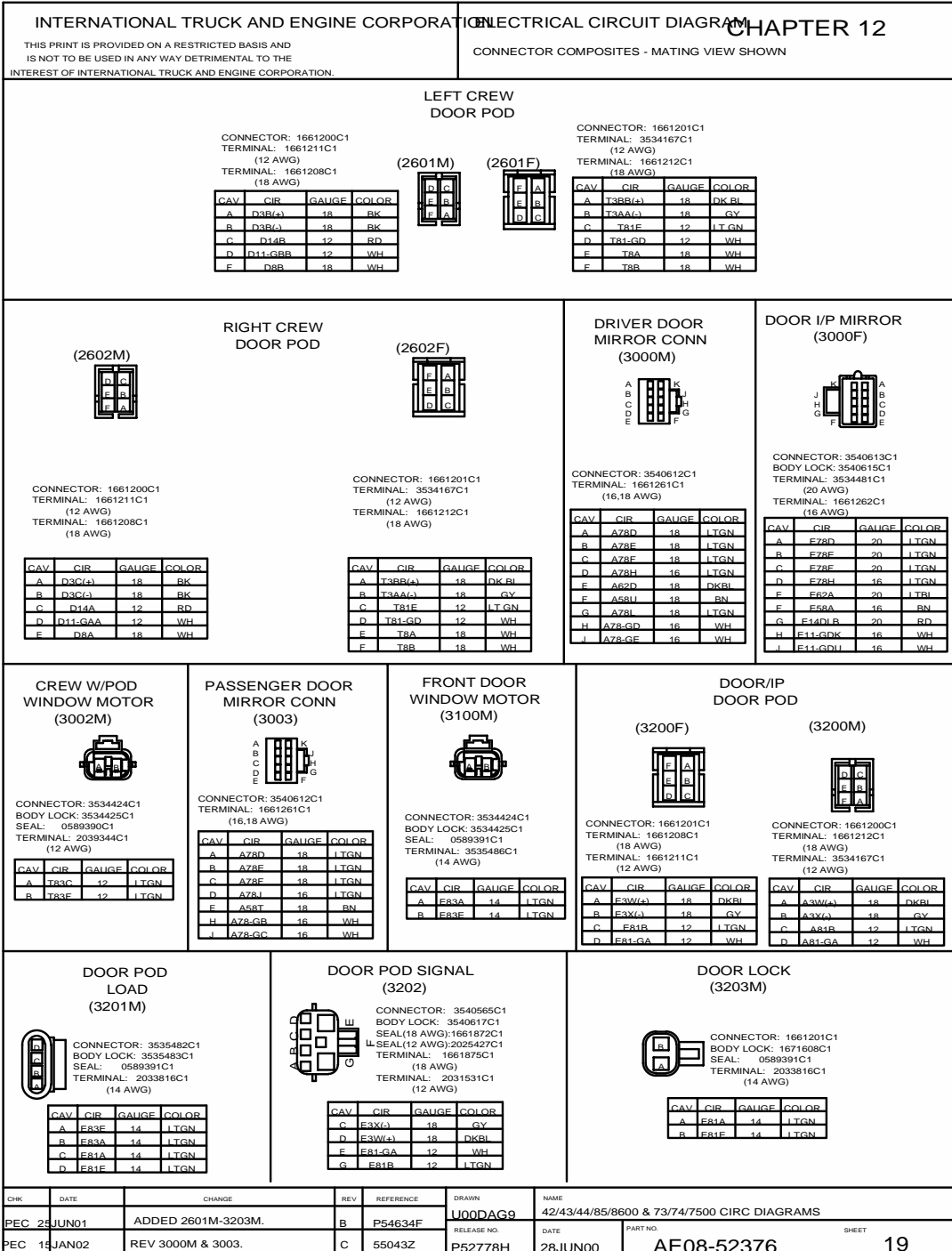
**Figure 152 Connector Composites (2006M), (2007F), (2021F), (2021M), (2022F), (2022M), (2111M), (2112M), (2113M), (2114M), (2115M), (2116M), (2117M), (2301M), (2302M), (2303M)**

**12.18. CONNECTOR COMPOSITES (2304M), (2305M), (2306M), (2307F), (2308F), (2502F), (2502M), (2503F, M), (2600F, M), P. 18**



**Figure 153 Connector Composites (2304M), (2305M), (2306M), (2307F), (2308F), (2502F), (2502M), (2503F, M), (2600F, M)**

**12.19. CONNECTOR COMPOSITES (2601M, F), (2602M, F), (3000M), (3000F), (3002M), (3003), (3100M), (3200F, M), (3201M), (3202), (3203M), P. 19**



**Figure 154 Connector Composites (2601M, F), (2602M, F), (3000M), (3000F), (3002M), (3003), (3100M), (3200F, M), (3201M), (3202), (3203M)**

12.20. CONNECTOR COMPOSITES (3204M, F), (3209), (3210M), (3211M), (4000), P. 20

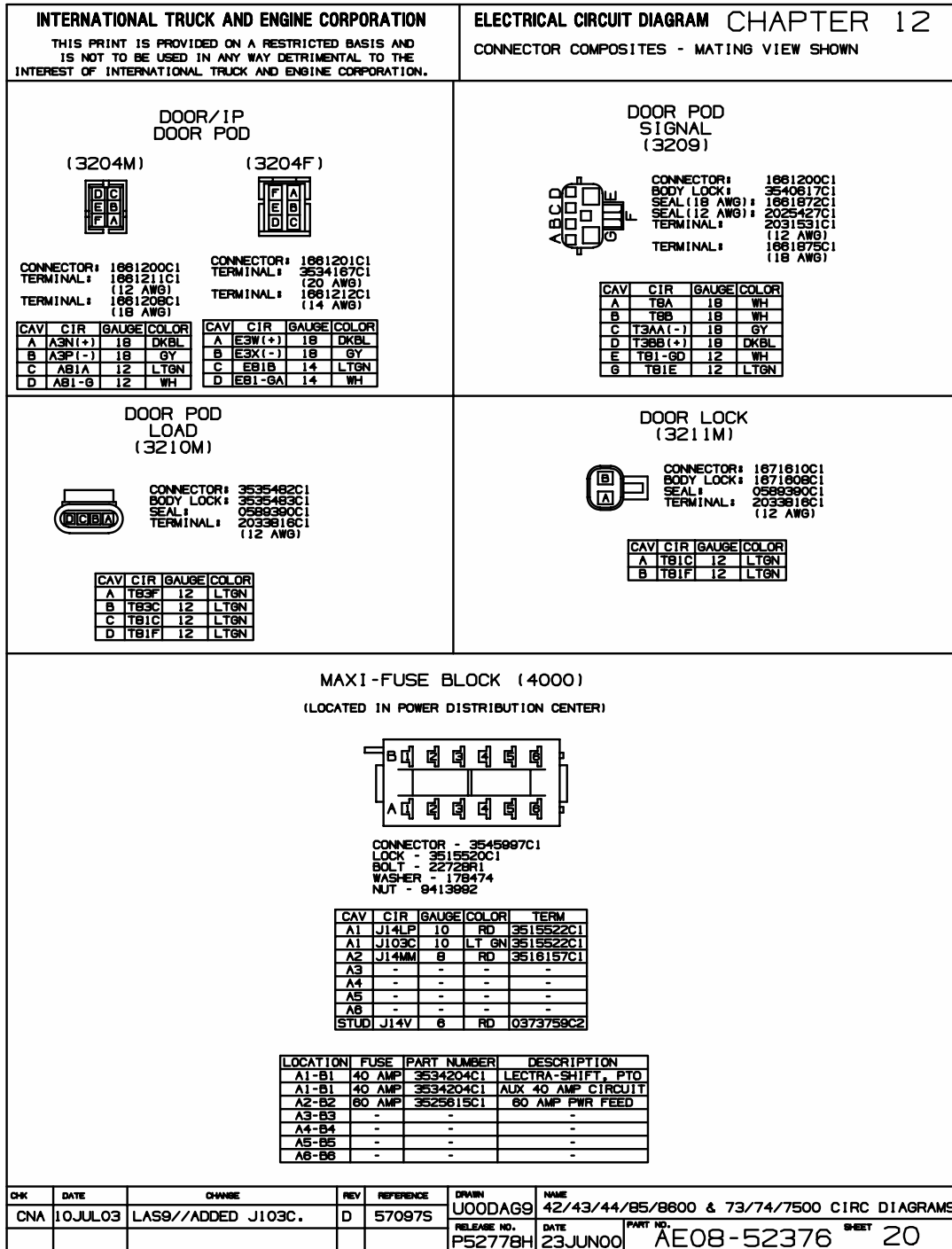


Figure 155 Connector Composites (3204M, F), (3209), (3210M), (3211M), (4000)

12.21. CONNECTOR COMPOSITE (4001), P. 21

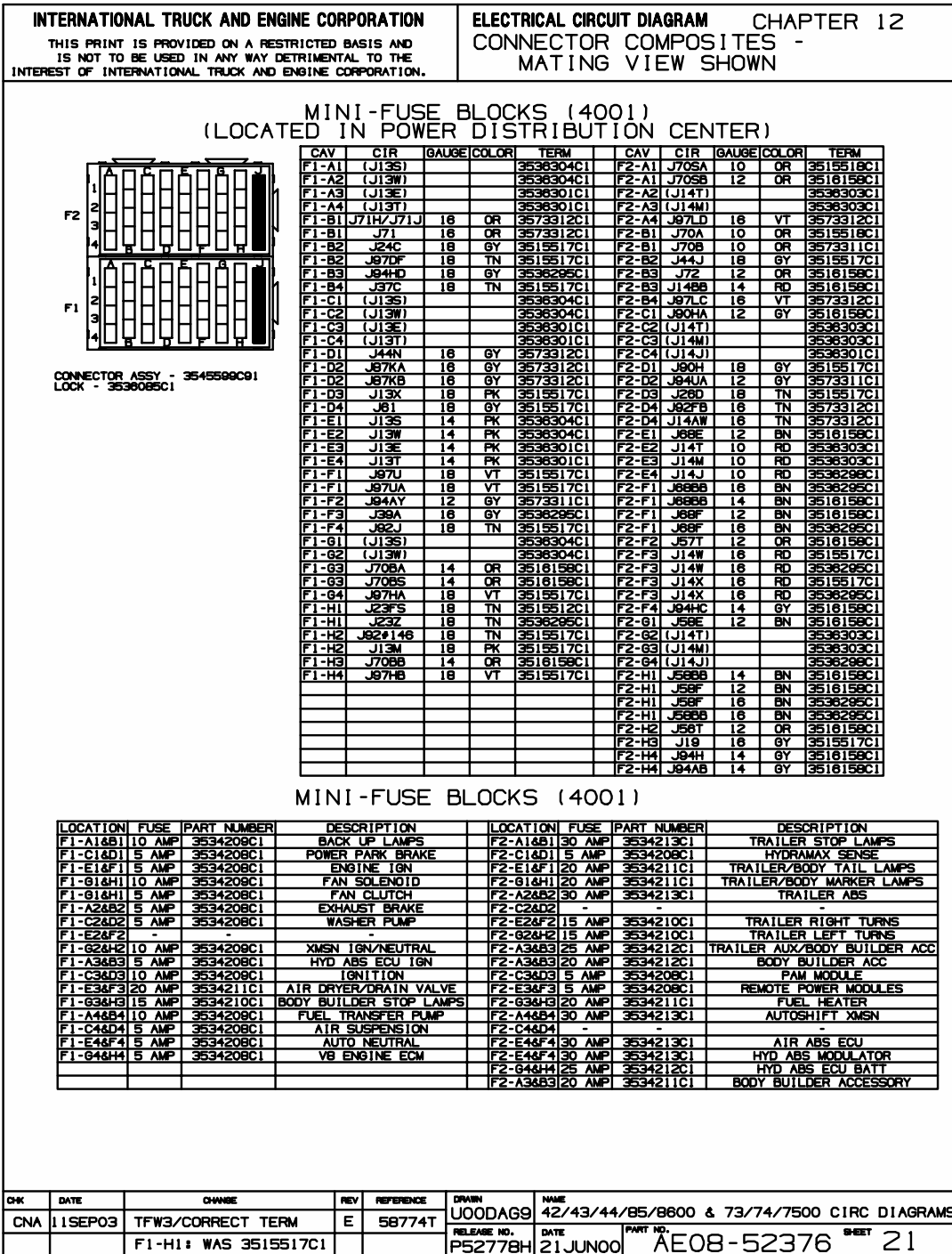


Figure 156 Connector Composite (4001)

12.22. CONNECTOR COMPOSITE (4002), P. 22

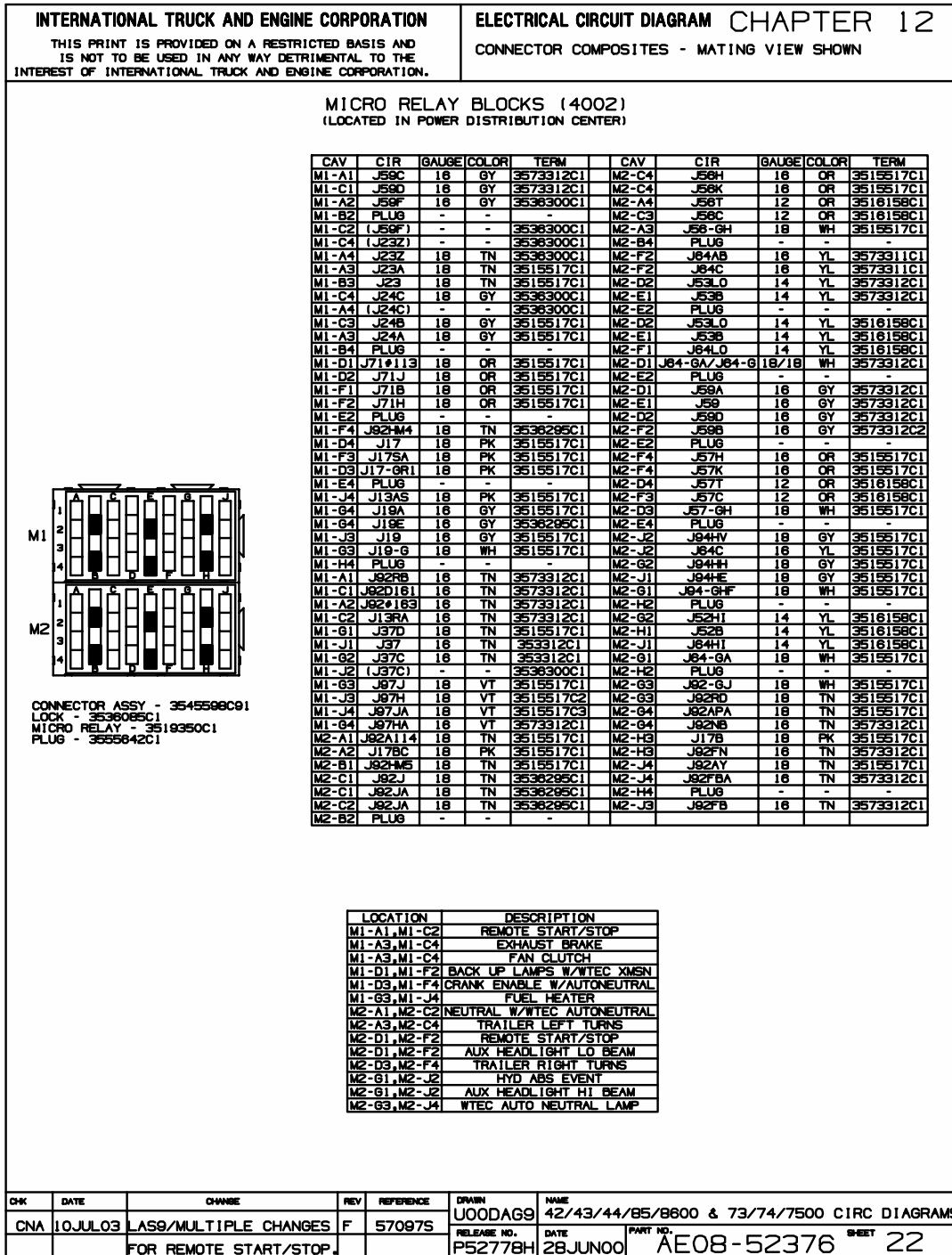


Figure 157 Connector Composite (4002)

12.23. CONNECTOR COMPOSITE (4003), P. 23

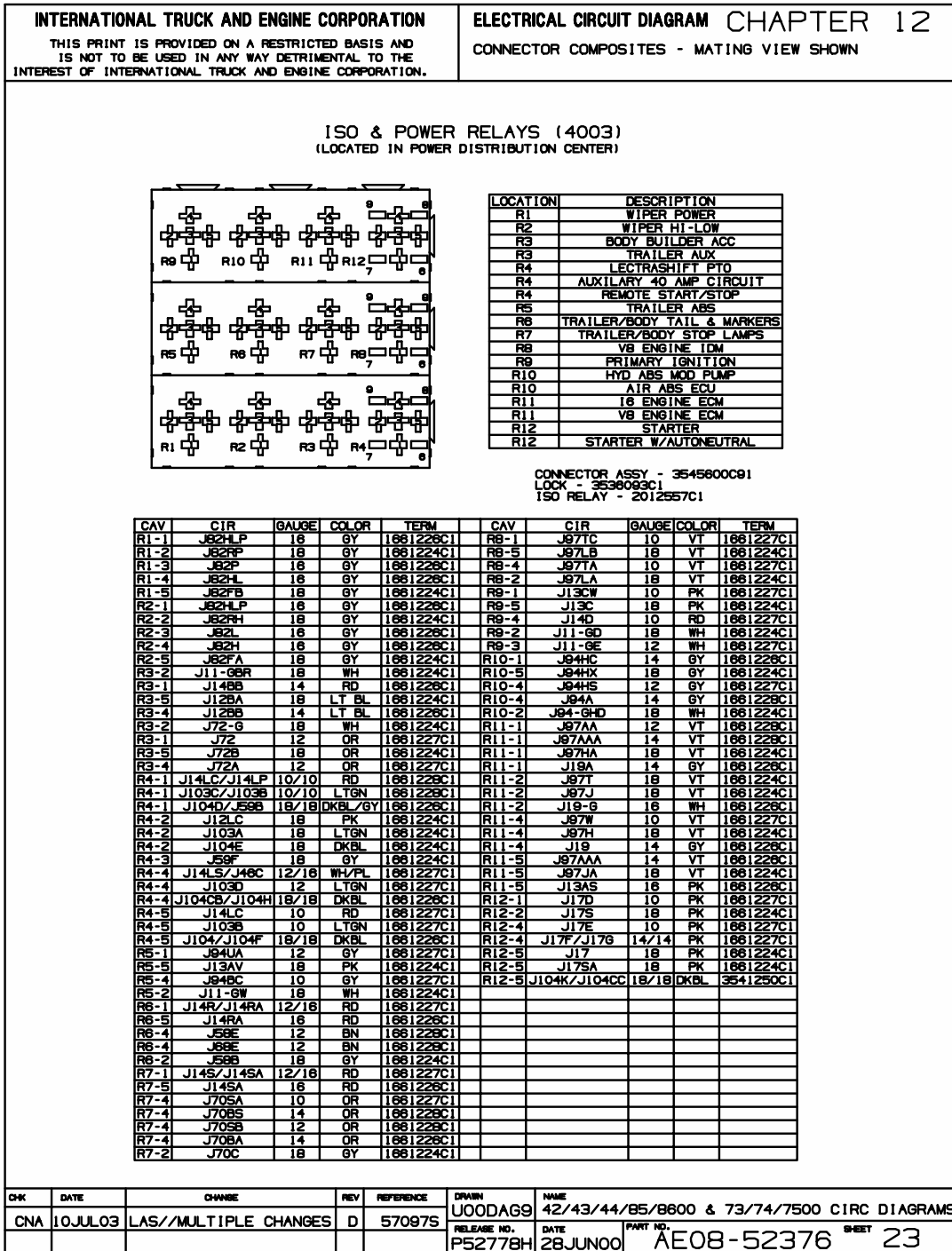


Figure 158 Connector Composite (4003)

12.24. CONNECTOR COMPOSITES (4004), (4007), (4008), P. 24

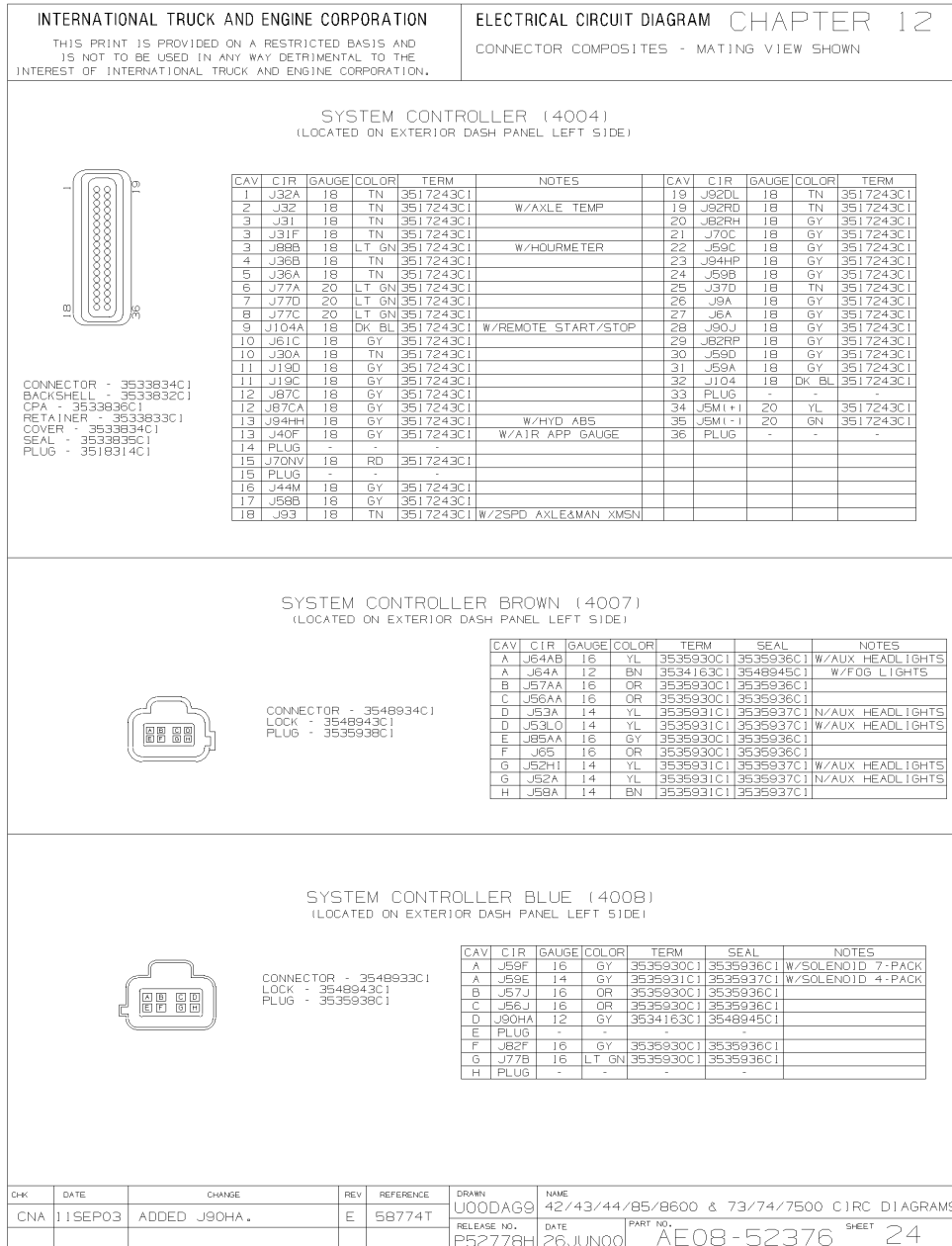


Figure 159 Connector Composites (4004), (4007), (4008)



12.25. CONNECTOR COMPOSITE (4014), P. 25

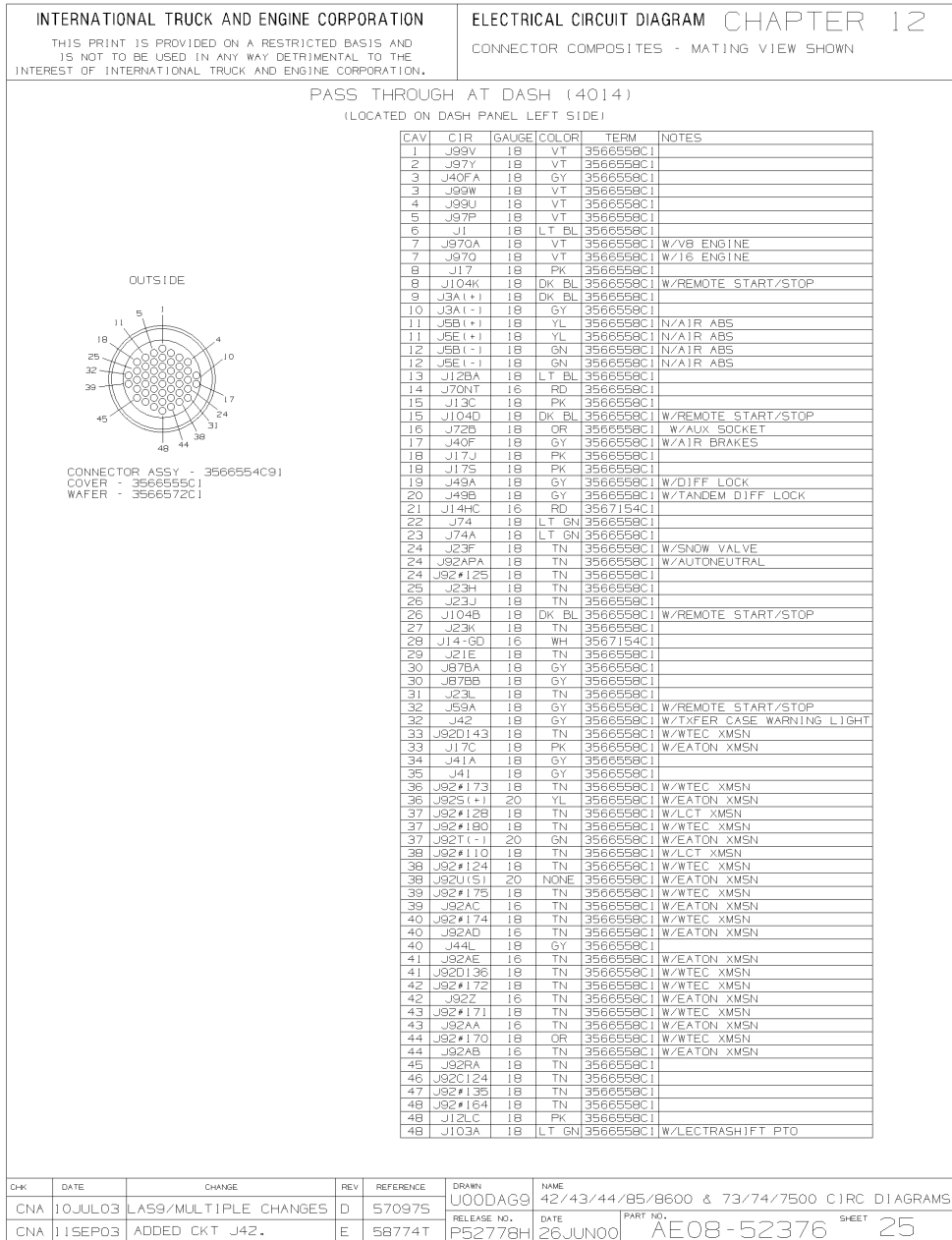


Figure 160 Connector Composite (4014)

12.26. CONNECTOR COMPOSITE (4014/1700), P. 26

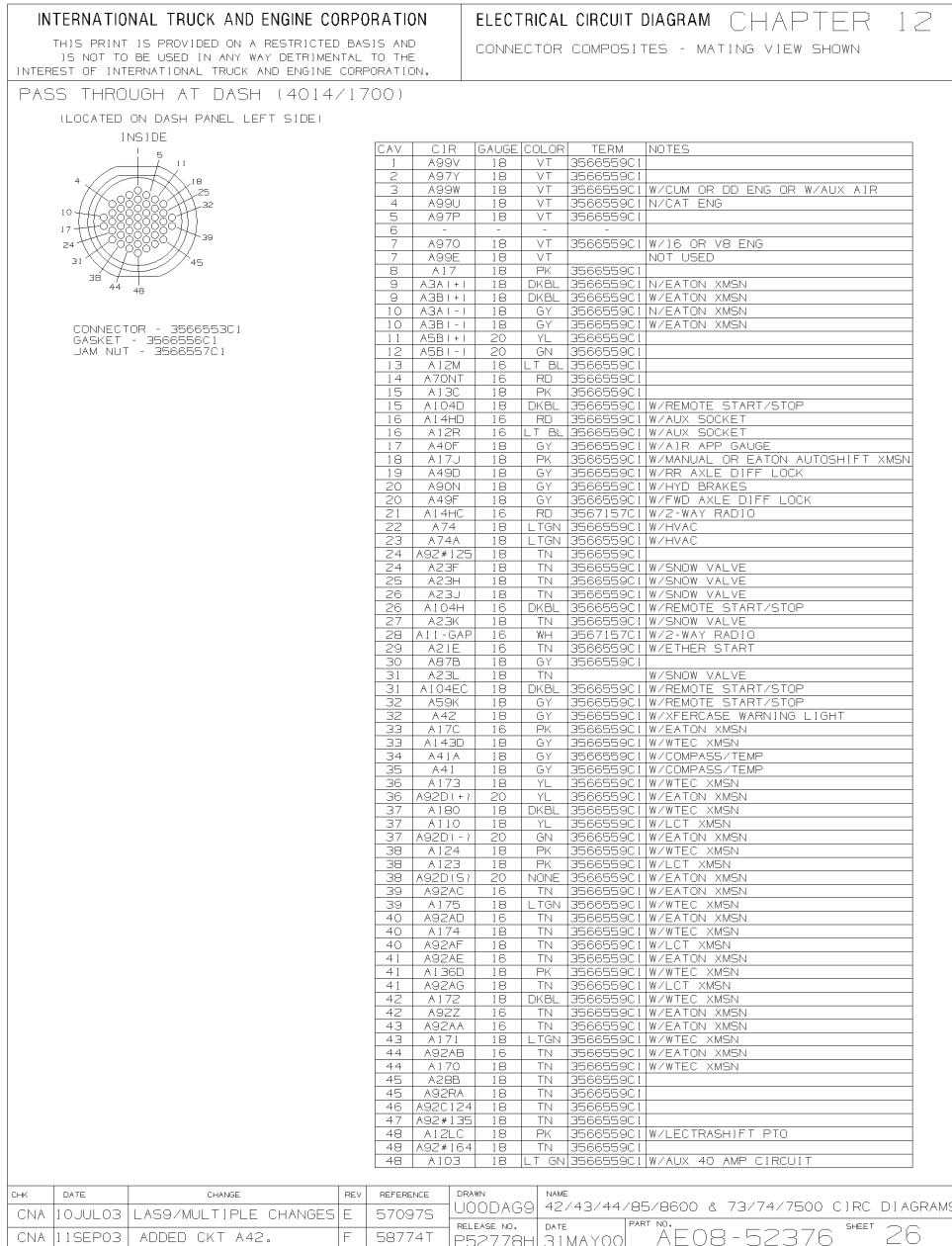


Figure 161 Connector Composite (4014/1700)

12.27. CONNECTOR COMPOSITES (4015), (4017), (4018), (4019), (4020), (4021), (4022), (4023), P. 27

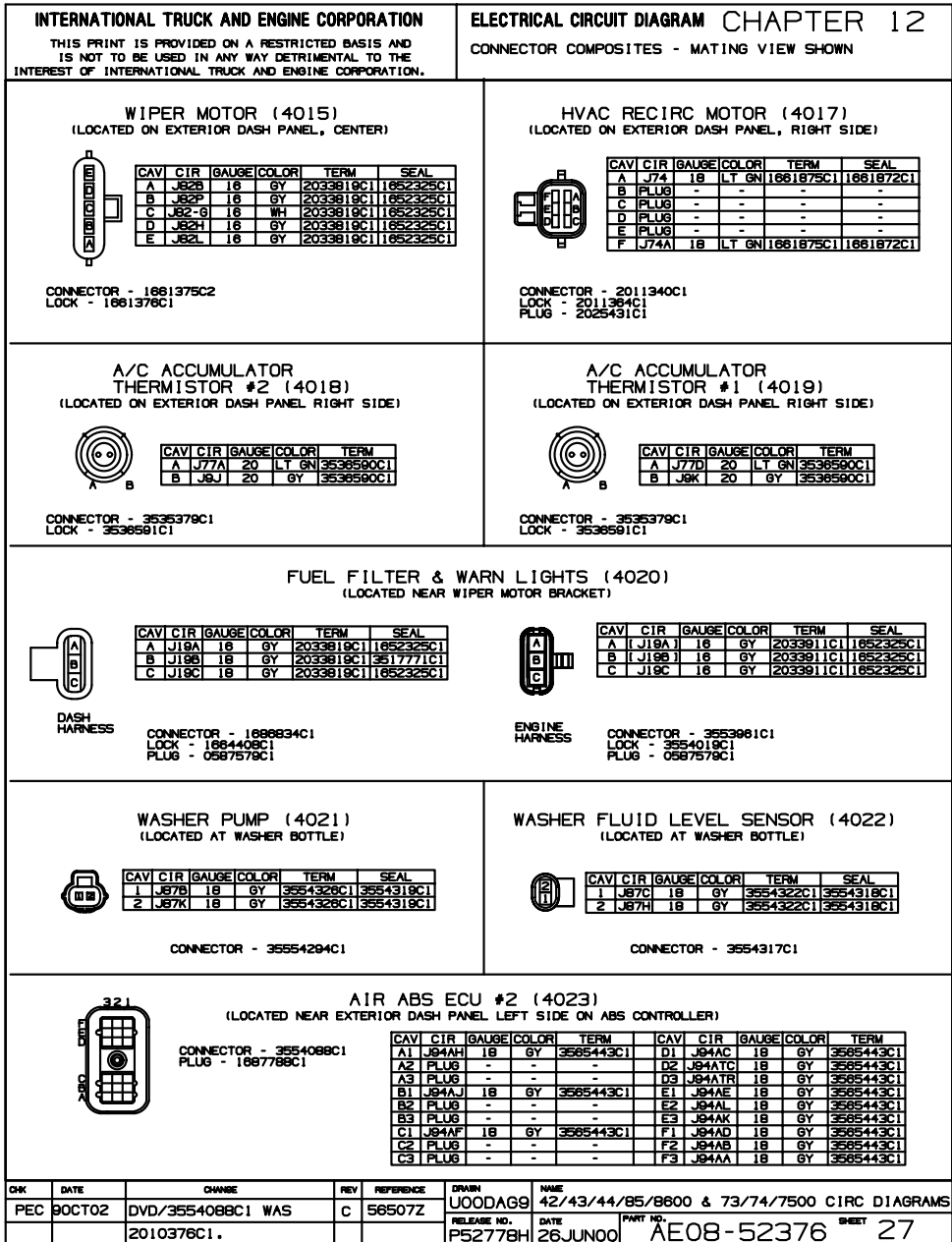


Figure 162 Connector Composites (4015), (4017), (4018), (4019), (4020), (4021), (4022), (4023)

**12.28. CONNECTOR COMPOSITES (4024), (4030), (4031), (4032), (4033), (4040), (4041),  
P. 28**

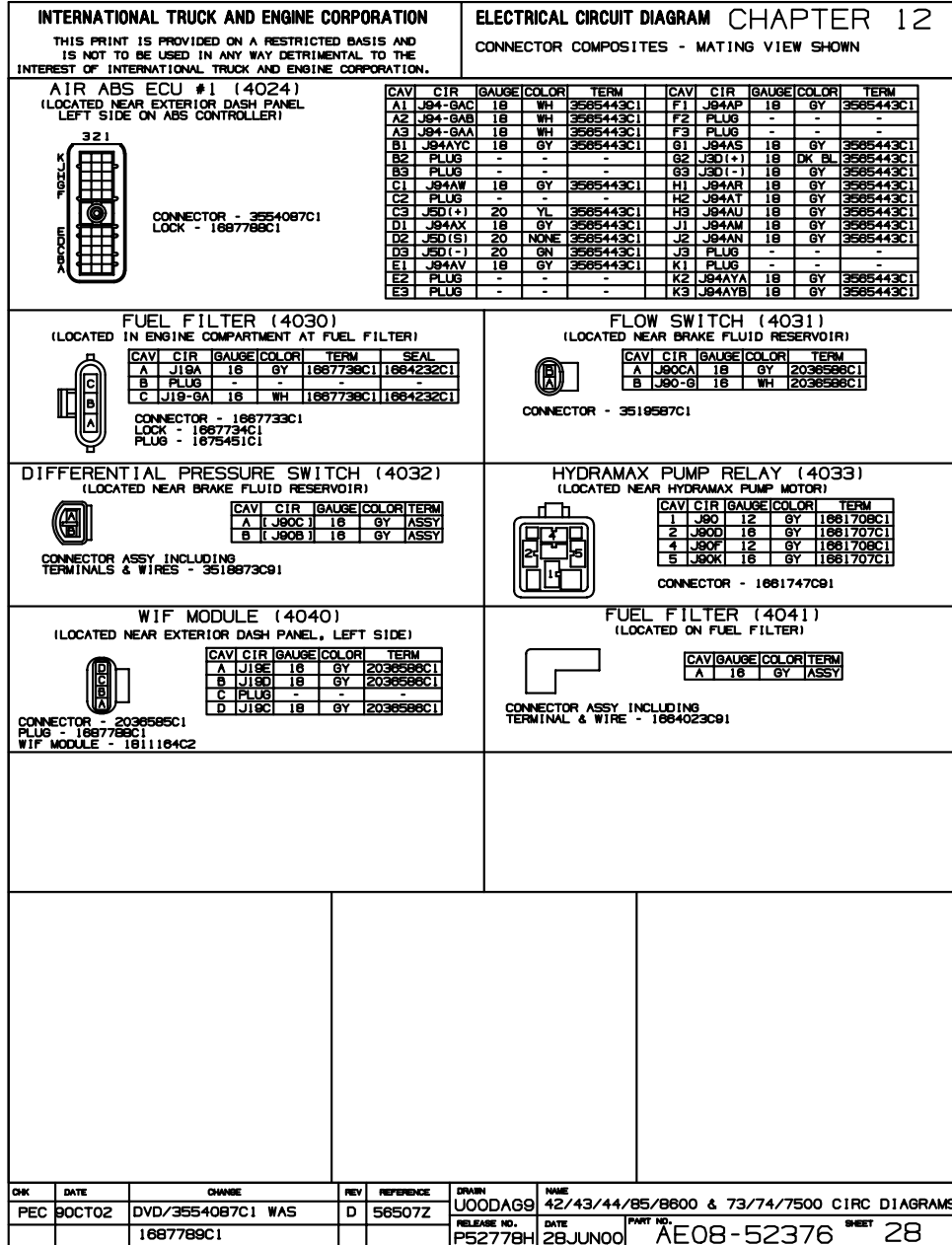


Figure 163 Connector Composites (4024), (4030), (4031), (4032), (4033), (4040), (4041)

12.29. CONNECTOR COMPOSITES (4070), (4071), (4087), (4098), (4101), P. 29

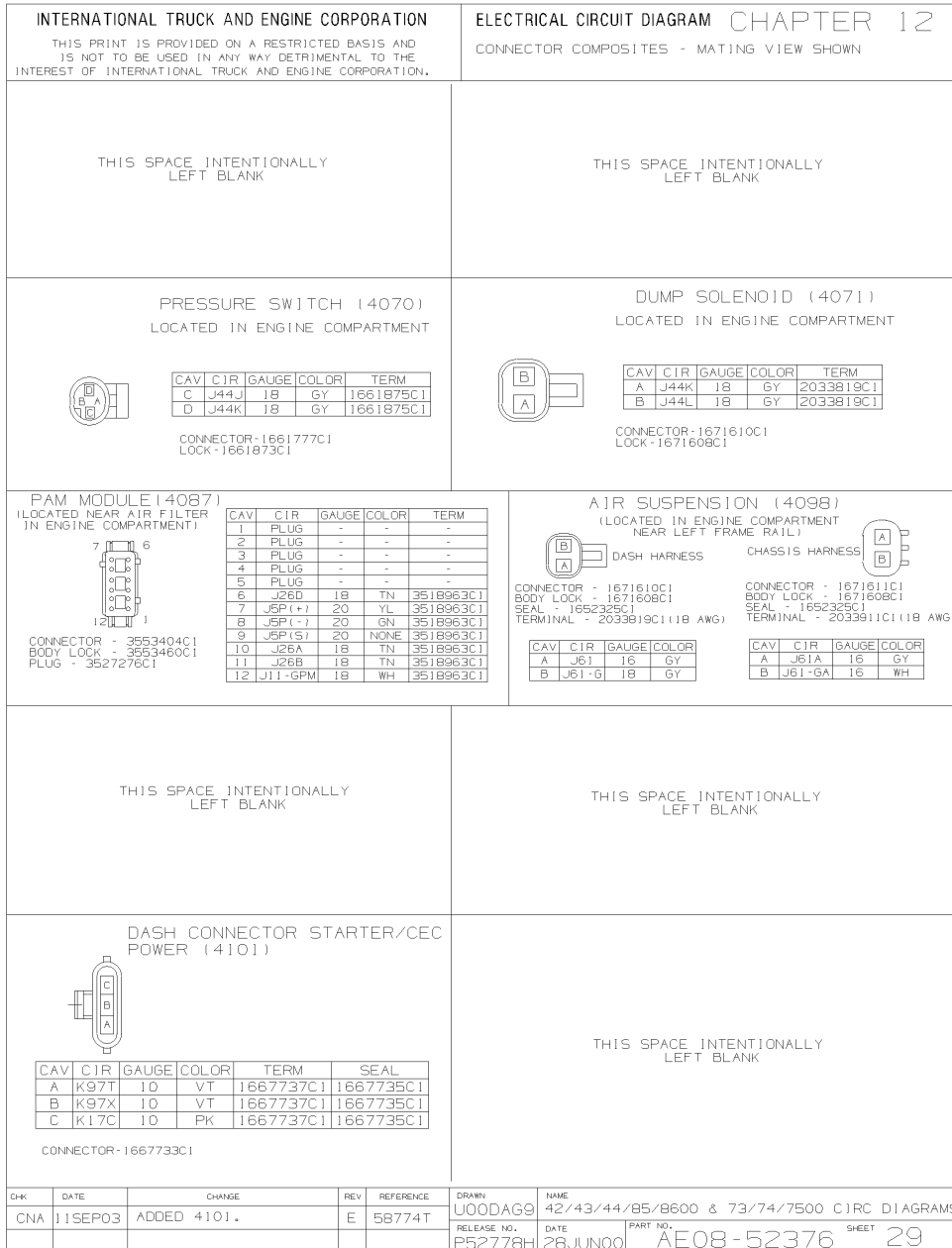


Figure 164 Connector Composites (4070), (4071), (4087), (4098), (4101)

12.30. CONNECTOR COMPOSITE (4103), P. 30

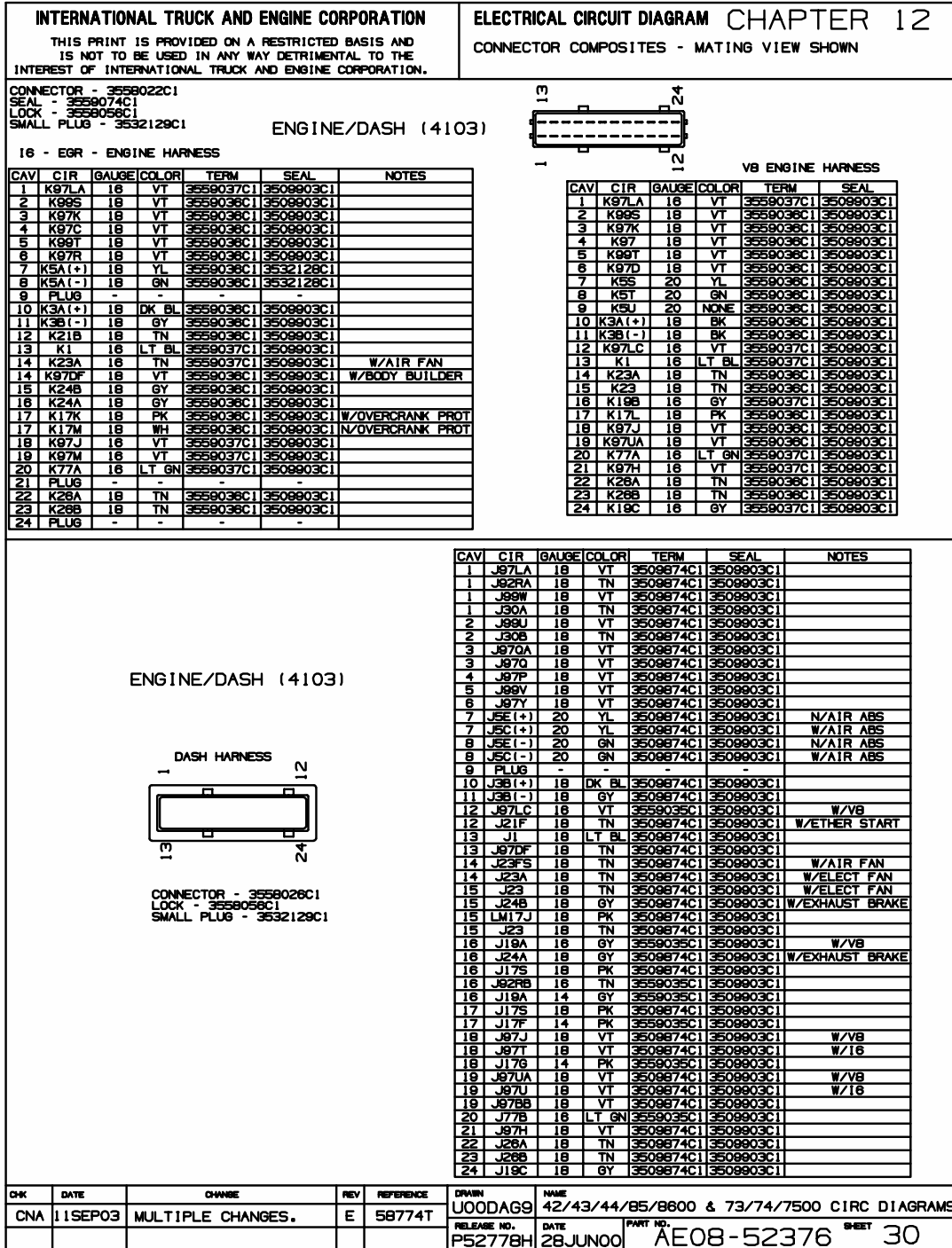


Figure 165 Connector Composite (4103)

12.31. CONNECTOR COMPOSITES (4105), (4111), (4120), (4301), P. 31

INTERNATIONAL TRUCK AND ENGINE CORPORATION ELECTRICAL CIRCUIT DIAGRAMS 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

**ECM POWER/STARTER (4105)**  
(LOCATED NEAR WIPER MOTOR BRACKET)

ENGINE HARNESS

CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES
A	K97V	10	VT	1667737C1	1667735C1	W/IE
A	K97T	10	VT	1667737C1	1667735C1	W/W/B
B	K97AA	10	VT	1667737C1	1667735C1	W/IE
B	K97X	10	VT	1667737C1	1667735C1	W/W/B
C	K17C	10	PK	1667737C1	1667735C1	

CONNECTOR - 1667733C1  
LOCK - 1667734C1

DASH HARNESS

CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES
A	J97W	10	VT	2025425C1	1667735C1	W/IE
A	J97TA	10	VT	2025425C1	1667735C1	W/W/B
B	J97AA	12	VT	2025424C1	1671603C1	W/IE
B	J97XA	10	VT	2025425C1	1667735C1	W/W/B
C	J17E	10	PK	2025425C1	1667735C1	

CONNECTOR - 1667732C1  
LOCK - 1667734C1

---

**FAN AIR SOLENOID (4111)**  
(LOCATED NEAR WIPER MOTOR BRACKET)

CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES
A	K23B	18	TN	2033819C1	1652325C1	W/BODY BUILDER
A	K23A	16	TN	2033819C1	1652325C1	N/BODY BUILDER
B	K97B	18	VT	2033819C1	1652325C1	

CONNECTOR - 1671610C1  
LOCK - 1671608C1

**SNOW VALVE (4120)**  
(LOCATED ON AIR INTAKE FILTER)

CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES
A	J23F	18	TN	1661875C1	1661872C1	
B	J23H	18	TN	1661875C1	1661872C1	
C	J23I	18	TN	1661875C1	1661872C1	
D	J23K	18	TN	1661875C1	1661872C1	
E	J23J	18	TN	1661875C1	1661872C1	

CONNECTOR - 3522251C1  
LOCK - 3522253C1

---

**FORWARD CHASSIS/DASH (4301)**  
(LOCATED IN ENGINE COMPARTMENT NEAR LEFT FRAME RAIL)

DASH HARNESS

CONNECTOR - 3558026C1  
LOCK - 3558056C1  
PLUG - 3532129C1

FORWARD CHASSIS HARNESS

CONNECTOR - 3558022C1  
SEAL - 3559047C1  
LOCK - 3558056C1  
PLUG - 3532129C1

**FORWARD CHASSIS HARNESS**

CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES
1	M9	18	GY	3559036C1	3509903C1	W/AUX AIR
1	M9A	18	GY	3559036C1	3509903C1	W/AIR ABS
1	M94A	18	BL	3559037C1	3558022C1	W/WABCO AIR
2	M94A	18	GY	3559036C1	3509903C1	W/AIR ABS
2	M6	18	GY	3559036C1	3509903C1	W/AUX AIR
2	M94A	14	GN	3559037C1	3558022C1	W/WABCO AIR
3	M40	18	GY	3559036C1	3509903C1	W/AUX AIR
3	M94B	18	GY	3559036C1	3509903C1	W/AIR ABS
3	M94B	14	BN	3559037C1	3558022C1	W/WABCO AIR
4	M92B	14	YI	3559037C1	3509903C1	
5	M53	14	YI	3559037C1	3509903C1	
6	M94C	18	GY	3559036C1	3509903C1	W/AIR ABS
6	M94J	18	BK	3559036C1	3509903C1	W/HYD ABS
6	M94C	18	BN	3559036C1	3558022C1	W/WABCO AIR
7	M94D	18	GY	3559036C1	3509903C1	W/AIR ABS
7	M94M	18	BN	3559036C1	3509903C1	W/HYD ABS
7	M94D	18	BK	3559036C1	3558022C1	W/WABCO AIR
8	M9	20	GY	3559036C1	3532128C1	
9	M56B	16	OR	3559037C1	3509903C1	
10	M95E	16	GY	3559037C1	3509903C1	
11	M67B	16	OR	3559037C1	3509903C1	
12	M58B	14	BN	3559037C1	3509903C1	
13	M11-G	12	WH	3559037C1	3509903C1	
14	M94E	18	GY	3559036C1	3509903C1	W/AIR ABS
14	M94N	18	BK	3559036C1	3509903C1	W/HYD ABS
14	M94E	18	BN	3559036C1	3558022C1	W/WABCO AIR
15	M94F	18	GY	3559036C1	3509903C1	W/AIR ABS
15	M94P	18	BN	3559036C1	3509903C1	W/HYD ABS
15	M94F	18	BK	3559036C1	3558022C1	W/WABCO AIR
16	M94H	18	GY	3559036C1	3509903C1	
16	M94H	14	BI	3559037C1	3558022C1	W/WABCO AIR
17	M94I	18	GY	3559036C1	3509903C1	
17	M94I	14	GN	3559037C1	3558022C1	W/WABCO AIR
18	M94K	18	GY	3559036C1	3509903C1	
18	M94K	14	BN	3559037C1	3558022C1	W/WABCO AIR
19	M21C	18	TN	3559036C1	3509903C1	
20	M94L	14	YI	3559037C1	3509903C1	W/AUX LIGHTS
20	M6A	16	YI	3559037C1	3509903C1	W/FOG LIGHTS
21	M78H	16	I.T.GN	3559037C1	3509903C1	
22	M21D	18	TN	3559036C1	3509903C1	
23	M77	20	I.T.GN	3559036C1	3532128C1	
24	M6	20	GY	3559036C1	3532128C1	

**FORWARD CHASSIS/DASH (4301)**

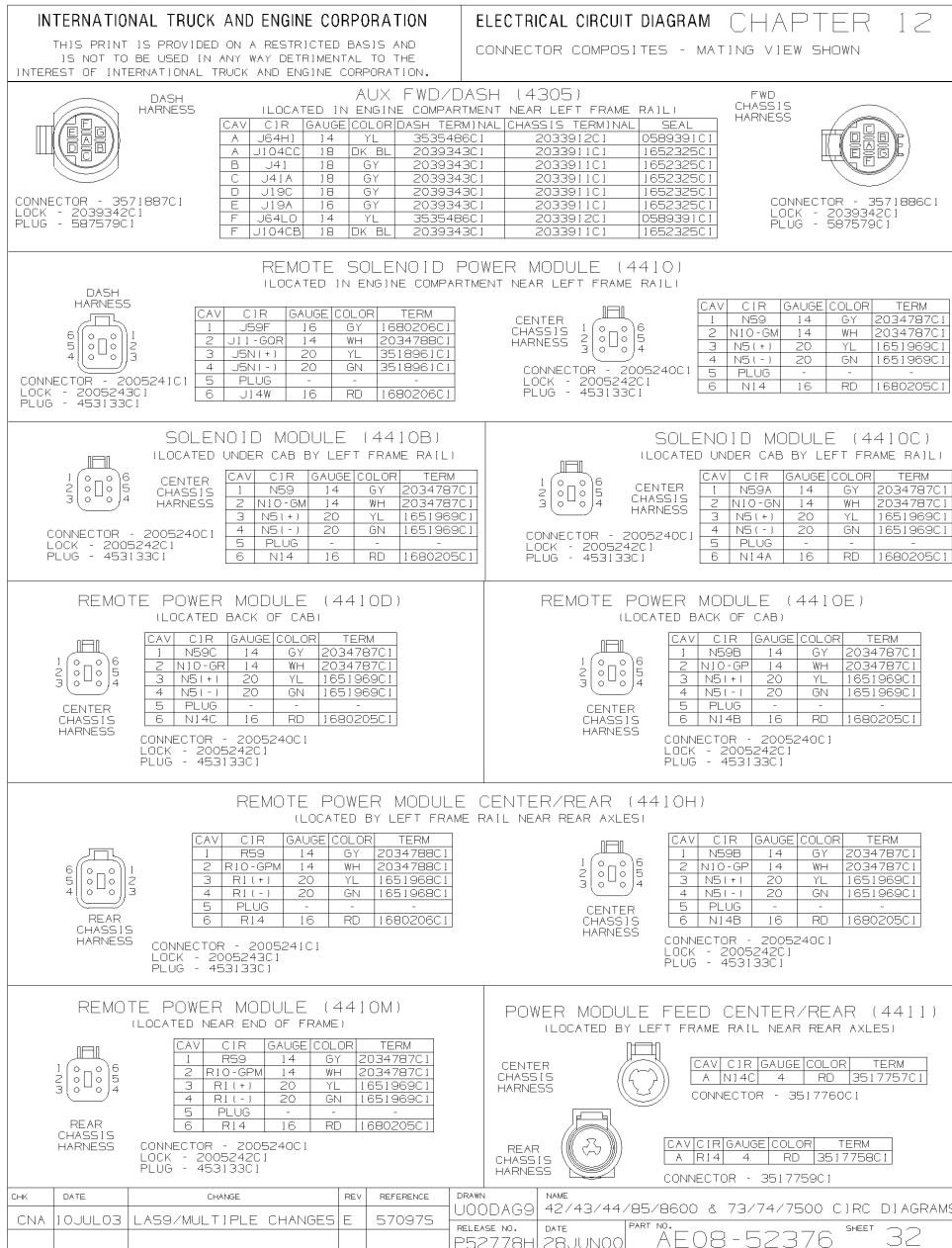
DASH HARNESS

CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES
1	J94AP	18	GY	3509874C1	3509903C1	W/AIR ABS
1	J94EA	18	GY	3509874C1	3509903C1	W/AUX AIR
2	J94AR	18	GY	3509874C1	3509903C1	W/AIR ABS
2	J6BA	18	GY	3509874C1	3509903C1	W/AUX AIR
3	J40FA	18	GY	3509874C1	3509903C1	W/AUX AIR
3	J94AS	18	GY	3509874C1	3509903C1	W/AIR ABS
4	J52A	14	YI	3559035C1	3509903C1	W/STD LIGHTS
4	J52B	14	YI	3559035C1	3509903C1	W/AUX LIGHTS
5	J53A	14	YI	3559035C1	3509903C1	W/STD LIGHTS
5	J53B	14	YI	3559035C1	3509903C1	W/AUX LIGHTS
6	J94HM	18	GY	3509874C1	3509903C1	W/HYD ABS
6	J94AM	18	GY	3509874C1	3509903C1	W/AIR ABS
7	J94HN	18	GY	3509874C1	3509903C1	W/HYD ABS
7	J94AN	18	GY	3509874C1	3509903C1	W/AIR ABS
8	J9Y	20	GY	3509874C1	3532128C1	
8	J96A	16	OR	3559035C1	3509903C1	
10	J85AA	16	GY	3559035C1	3509903C1	
11	J85A	16	OR	3559035C1	3509903C1	
12	J85BA	14	BN	3559035C1	3509903C1	
13	J11-G	12	WH	3559035C1	3509903C1	
14	J94AT	18	GY	3509874C1	3509903C1	W/AIR ABS
14	J94HT	18	GY	3509874C1	3509903C1	W/HYD ABS
15	J94AU	18	GY	3509874C1	3509903C1	W/AIR ABS
15	J94HU	18	GY	3509874C1	3509903C1	W/HYD ABS
16	J94AV	18	GY	3509874C1	3509903C1	
17	J94AW	18	GY	3509874C1	3509903C1	
18	J94AX	18	GY	3509874C1	3509903C1	
19	J21E	18	TN	3509874C1	3509903C1	
20	J6A	12	BN	3559035C1	3509903C1	W/FOG LIGHTS
20	J64D	14	YI	3559035C1	3509903C1	W/AUX LIGHTS
21	J78K	16	I.T.GN	3559035C1	3509903C1	
22	J21E	18	TN	3509874C1	3509903C1	
23	J77C	20	I.T.GN	3509874C1	3532128C1	
24	J6E	18	I.T.GN	3509874C1	3509903C1	

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
		ADDED CAV 14 TO 4301	D	56507K	U00DAG9	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS
		SWITCHED NOTES CAV 5.				
					RELEASE NO. P52778H	DATE 21.JUN00 PART NO. AF08-52376 SHEET 31

Figure 166 Connector Composites (4105), (4111), (4120), (4301)

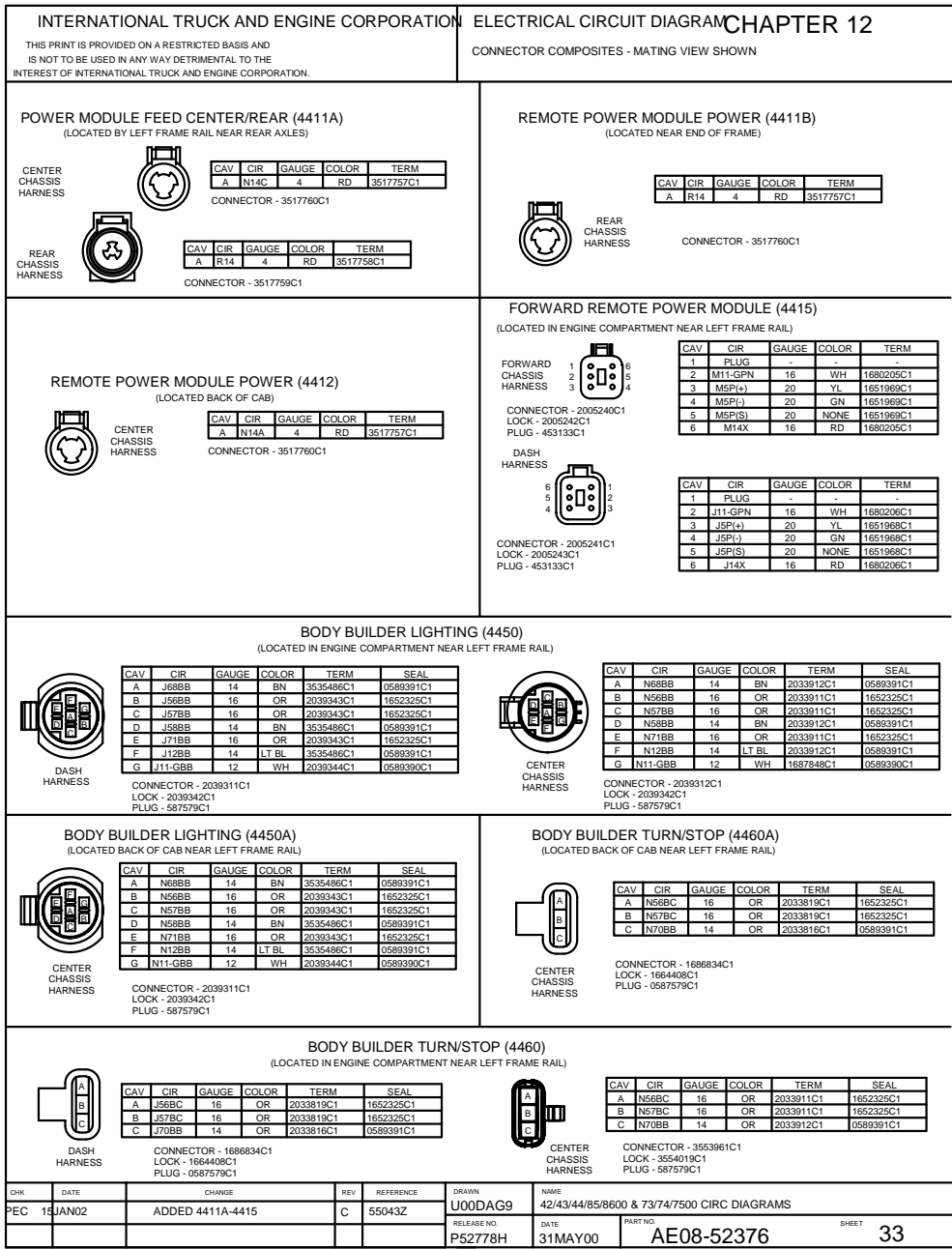
**12.32. CONNECTOR COMPOSITES (4305), (4410), (4410B), (4410C), (4410D), (4410E), (4410H), (4410M), (4411), P. 32**



**Figure 167 Connector Composites (4305), (4410), (4410B), (4410C), (4410D), (4410E), (4410H), (4410M), (4411)**



**12.33. CONNECTOR COMPOSITES (4411A), (4411B), (4412), (4415), (4450), (4450A), (4460A), (4460), P. 33**



**Figure 168 Connector Composites (4411A), (4411B), (4412), (4415), (4450), (4450A), (4460A), (4460)**

12.34. CONNECTOR COMPOSITE (4705), P. 34

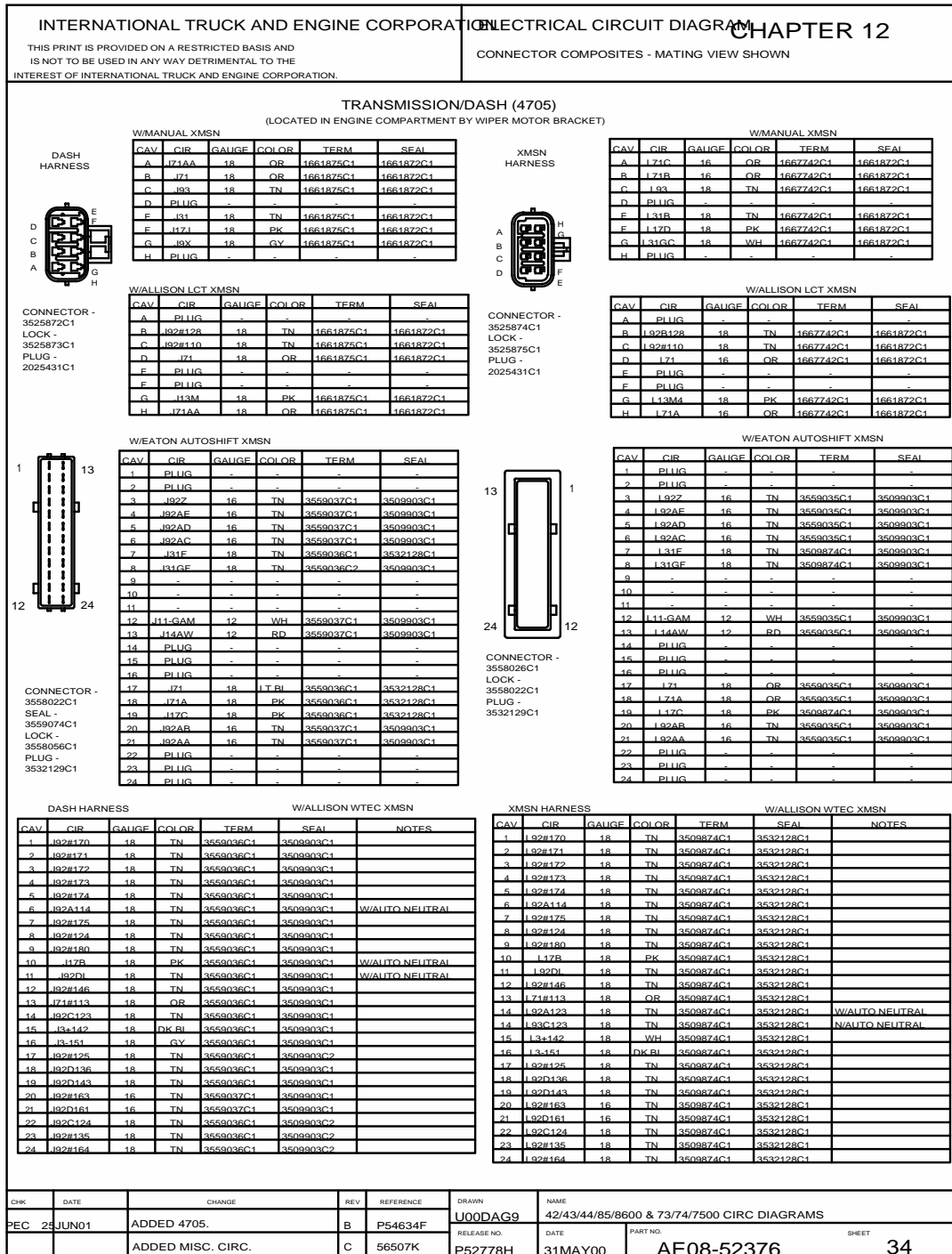


Figure 169 Connector Composite (4705)

12.35. CONNECTOR COMPOSITES (4810), (4712F), (4820), (4713F), (4830), (4840), (4850), P. 35



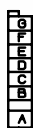

<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>		<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12</b> CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																																																																																																																																																																																																				
<b>BACKUP LIGHT TURN SIGNAL SPLICE (4810)</b> (LOCATED NEAR POWER DISTRIBUTION CENTER)  CONNECTOR - 3543733C1 LOCK - 3543732C1 PLUG - 3535425C1 BUS BAR - 3543736C1		<b>TRANS/DASH (4712F)</b> CONNECTOR - 3525874C1 LOCK - 3525875C1 PLUG - 2025431C1																																																																																																																																																																																																																																																																				
<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> <th>NOTES</th> </tr> </thead> <tbody> <tr> <td></td> <td>RIGHT TURN BUS BAR</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>A</td> <td>J57AA</td> <td>16</td> <td>OR</td> <td>3535303C1</td> <td>3535424C1</td> <td></td> </tr> <tr> <td>B</td> <td>J57A</td> <td>16</td> <td>OR</td> <td>3535303C1</td> <td>3535424C1</td> <td></td> </tr> <tr> <td>C</td> <td>J57H</td> <td>16</td> <td>OR</td> <td>3535303C1</td> <td>3535424C1</td> <td></td> </tr> <tr> <td>D</td> <td>J57BC</td> <td>16</td> <td>OR</td> <td>3535303C1</td> <td>3535424C1</td> <td></td> </tr> <tr> <td></td> <td>LEFT TURN BUS BAR</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>E</td> <td>J56AA</td> <td>16</td> <td>OR</td> <td>3535303C1</td> <td>3535424C1</td> <td></td> </tr> <tr> <td>F</td> <td>J56A</td> <td>16</td> <td>OR</td> <td>3535303C1</td> <td>3535424C1</td> <td></td> </tr> <tr> <td>G</td> <td>J56H</td> <td>16</td> <td>OR</td> <td>3535303C1</td> <td>3535424C1</td> <td></td> </tr> <tr> <td>H</td> <td>J56BC</td> <td>16</td> <td>OR</td> <td>3535303C1</td> <td>3535424C1</td> <td></td> </tr> <tr> <td></td> <td>BACK UP LIGHT BUS BAR</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>J</td> <td>J71A</td> <td>18</td> <td>OR</td> <td>3535303C1</td> <td>3535424C1</td> <td></td> </tr> <tr> <td>K</td> <td>J71BB</td> <td>18</td> <td>OR</td> <td>3535303C1</td> <td>3535424C1</td> <td></td> </tr> <tr> <td>L</td> <td>J71AA</td> <td>18</td> <td>OR</td> <td>3535303C1</td> <td>3535424C1</td> <td>W/MANUAL XMSN</td> </tr> <tr> <td>L</td> <td>J71AA</td> <td>18</td> <td>OR</td> <td>3535303C1</td> <td>3535424C1</td> <td>W/ALLISON LCT</td> </tr> <tr> <td>L</td> <td>J71B</td> <td>18</td> <td>OR</td> <td>3535303C1</td> <td>3535424C1</td> <td>W/ALLISON WTEC</td> </tr> <tr> <td>L</td> <td>J71A</td> <td>18</td> <td>PK</td> <td>3535303C1</td> <td>3535424C1</td> <td>W/EATON AUTOSHIFT</td> </tr> <tr> <td>M</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td></td> </tr> </tbody> </table>		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	18	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	-	-	-	-		<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>K71C</td> <td>16</td> <td>OR</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>A</td> <td>K71E</td> <td>16</td> <td>OR</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>K71B</td> <td>16</td> <td>OR</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>K71D</td> <td>16</td> <td>OR</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>K92A12B</td> <td>18</td> <td>TN</td> <td>1667742C1</td> <td>3568570C1</td> </tr> <tr> <td>B</td> <td>K92A12B</td> <td>18</td> <td>TN</td> <td>1667742C1</td> <td>3568570C1</td> </tr> <tr> <td>C</td> <td>K83</td> <td>18</td> <td>TN</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>K92A110</td> <td>18</td> <td>TN</td> <td>1667742C1</td> <td>3568570C1</td> </tr> <tr> <td>D</td> <td>K13A</td> <td>16</td> <td>PK</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>D</td> <td>K71</td> <td>16</td> <td>OR</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>E</td> <td>K31B</td> <td>18</td> <td>TN</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>E</td> <td>K31E</td> <td>16</td> <td>TN</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>F</td> <td>K17D</td> <td>18</td> <td>PK</td> <td>1667742C1</td> <td>3568570C1</td> </tr> <tr> <td>F</td> <td>K17E</td> <td>18</td> <td>PK</td> <td>1667742C1</td> <td>3568570C1</td> </tr> <tr> <td>G</td> <td>K93-G</td> <td>18</td> <td>TN</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>G</td> <td>K31-9C</td> <td>18</td> <td>WH</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>G</td> <td>K31-9E</td> <td>16</td> <td>TN</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>G</td> <td>K13M</td> <td>18</td> <td>PK</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>H</td> <td>K11-9</td> <td>18</td> <td>WH</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>H</td> <td>K71A</td> <td>16</td> <td>OR</td> <td>1667742C1</td> <td>1661872C1</td> </tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K71C	16	OR	1667742C1	1661872C1	A	K71E	16	OR	1667742C1	1661872C1	B	K71B	16	OR	1667742C1	1661872C1	B	K71D	16	OR	1667742C1	1661872C1	B	K92A12B	18	TN	1667742C1	3568570C1	B	K92A12B	18	TN	1667742C1	3568570C1	C	K83	18	TN	1667742C1	1661872C1	C	K92A110	18	TN	1667742C1	3568570C1	D	K13A	16	PK	1667742C1	1661872C1	D	K71	16	OR	1667742C1	1661872C1	E	K31B	18	TN	1667742C1	1661872C1	E	K31E	16	TN	1667742C1	1661872C1	F	K17D	18	PK	1667742C1	3568570C1	F	K17E	18	PK	1667742C1	3568570C1	G	K93-G	18	TN	1667742C1	1661872C1	G	K31-9C	18	WH	1667742C1	1661872C1	G	K31-9E	16	TN	1667742C1	1661872C1	G	K13M	18	PK	1667742C1	1661872C1	H	K11-9	18	WH	1667742C1	1661872C1	H	K71A	16	OR	1667742C1	1661872C1
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	18	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	-	-	-	-																																																																																																																																																																																																																																																																	
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																																																																																																																																																																																																	
A	K71C	16	OR	1667742C1	1661872C1																																																																																																																																																																																																																																																																	
A	K71E	16	OR	1667742C1	1661872C1																																																																																																																																																																																																																																																																	
B	K71B	16	OR	1667742C1	1661872C1																																																																																																																																																																																																																																																																	
B	K71D	16	OR	1667742C1	1661872C1																																																																																																																																																																																																																																																																	
B	K92A12B	18	TN	1667742C1	3568570C1																																																																																																																																																																																																																																																																	
B	K92A12B	18	TN	1667742C1	3568570C1																																																																																																																																																																																																																																																																	
C	K83	18	TN	1667742C1	1661872C1																																																																																																																																																																																																																																																																	
C	K92A110	18	TN	1667742C1	3568570C1																																																																																																																																																																																																																																																																	
D	K13A	16	PK	1667742C1	1661872C1																																																																																																																																																																																																																																																																	
D	K71	16	OR	1667742C1	1661872C1																																																																																																																																																																																																																																																																	
E	K31B	18	TN	1667742C1	1661872C1																																																																																																																																																																																																																																																																	
E	K31E	16	TN	1667742C1	1661872C1																																																																																																																																																																																																																																																																	
F	K17D	18	PK	1667742C1	3568570C1																																																																																																																																																																																																																																																																	
F	K17E	18	PK	1667742C1	3568570C1																																																																																																																																																																																																																																																																	
G	K93-G	18	TN	1667742C1	1661872C1																																																																																																																																																																																																																																																																	
G	K31-9C	18	WH	1667742C1	1661872C1																																																																																																																																																																																																																																																																	
G	K31-9E	16	TN	1667742C1	1661872C1																																																																																																																																																																																																																																																																	
G	K13M	18	PK	1667742C1	1661872C1																																																																																																																																																																																																																																																																	
H	K11-9	18	WH	1667742C1	1661872C1																																																																																																																																																																																																																																																																	
H	K71A	16	OR	1667742C1	1661872C1																																																																																																																																																																																																																																																																	
<b>J1708 &amp; 5 VOLT REF SPLICE (4820)</b> (LOCATED NEAR WIPER MOTOR BRACKET)  CONNECTOR - 3543733C1 LOCK - 3543732C1 PLUG - 3535425C1 BUS BAR - 3543736C1		<b>DASH/TRANS (4713F)</b> CONNECTOR - 3539635C1 LOCK - 3539636C1 PLUG - 2025431C1																																																																																																																																																																																																																																																																				
<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> <th>NOTES</th> </tr> </thead> <tbody> <tr> <td></td> <td>5 VOLT REF BUS BAR</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>A</td> <td>J68A</td> <td>18</td> <td>GY</td> <td>3535303C1</td> <td>3535424C1</td> <td></td> </tr> <tr> <td>B</td> <td>J6A</td> <td>18</td> <td>GY</td> <td>3535303C1</td> <td>3535424C1</td> <td></td> </tr> <tr> <td>C</td> <td>J6E</td> <td>18</td> <td>LT GN</td> <td>3535303C1</td> <td>3535424C1</td> <td></td> </tr> <tr> <td>D</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td></td> </tr> <tr> <td></td> <td>DATA LINK J1708 POSITIVE BUS BAR</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>E</td> <td>J3A(+)</td> <td>18</td> <td>DK BL</td> <td>3535303C1</td> <td>3535424C1</td> <td></td> </tr> <tr> <td>F</td> <td>J3B(+)</td> <td>18</td> <td>DK BL</td> <td>3535303C1</td> <td>3535424C1</td> <td></td> </tr> <tr> <td>G</td> <td>J3D(+)</td> <td>18</td> <td>DK BL</td> <td>3535303C1</td> <td>3535424C1</td> <td>BNDX AIR ABS</td> </tr> <tr> <td>G</td> <td>J64AC(+)</td> <td>18</td> <td>DK BL</td> <td>3535303C1</td> <td>3535424C1</td> <td>WABCO AIR ABS</td> </tr> <tr> <td>G</td> <td>J3C(+)</td> <td>18</td> <td>DK BL</td> <td>3535303C1</td> <td>3535424C1</td> <td>W/HYD ABS</td> </tr> <tr> <td>H</td> <td>J3+142</td> <td>18</td> <td>DK BL</td> <td>3535303C1</td> <td>3535424C1</td> <td></td> </tr> <tr> <td></td> <td>DATA LINK J1708 NEGATIVE BUS BAR</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>J</td> <td>J3A(-)</td> <td>18</td> <td>GY</td> <td>3535303C1</td> <td>3535424C1</td> <td></td> </tr> <tr> <td>K</td> <td>J3B(-)</td> <td>18</td> <td>GY</td> <td>3535303C1</td> <td>3535424C1</td> <td></td> </tr> <tr> <td>L</td> <td>J3D(-)</td> <td>18</td> <td>GY</td> <td>3535303C1</td> <td>3535424C1</td> <td>BNDX AIR ABS</td> </tr> <tr> <td>L</td> <td>J64AC(-)</td> <td>18</td> <td>GY</td> <td>3535303C1</td> <td>3535424C1</td> <td>WABCO AIR ABS</td> </tr> <tr> <td>L</td> <td>J3C(-)</td> <td>18</td> <td>GY</td> <td>3535303C1</td> <td>3535424C1</td> <td>W/HYD ABS</td> </tr> <tr> <td>M</td> <td>J3-151</td> <td>18</td> <td>GY</td> <td>3535303C1</td> <td>3535424C1</td> <td></td> </tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES		5 VOLT REF BUS BAR						A	J68A	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	BNDX AIR ABS	G	J64AC(+)	18	DK BL	3535303C1	3535424C1	WABCO 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	BNDX AIR ABS	L	J64AC(-)	18	GY	3535303C1	3535424C1	WABCO AIR ABS	L	J3C(-)	18	GY	3535303C1	3535424C1	W/HYD ABS	M	J3-151	18	GY	3535303C1	3535424C1		<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>K13AA</td> <td>16</td> <td>PK</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>K11-9B</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>K11-9C</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>D</td> <td>K14AA</td> <td>16</td> <td>RD</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>E</td> <td>K3AA</td> <td>16</td> <td>DKBL</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>F</td> <td>K3AB</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>G</td> <td>K71D</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>H</td> <td>K71E</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>J</td> <td>K31D</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>K</td> <td>K31-9D</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K13AA	16	PK	1661875C1	1661872C1	B	K11-9B	18	WH	1661875C1	1661872C1	C	K11-9C	18	WH	1661875C1	1661872C1	D	K14AA	16	RD	1661875C1	1661872C1	E	K3AA	16	DKBL	1661875C1	1661872C1	F	K3AB	16	GY	1661875C1	1661872C1	G	K71D	16	OR	1661875C1	1661872C1	H	K71E	16	OR	1661875C1	1661872C1	J	K31D	18	TN	1661875C1	1661872C1	K	K31-9D	18	TN	1661875C1	1661872C1																																																					
CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES																																																																																																																																																																																																																																																																
	5 VOLT REF BUS BAR																																																																																																																																																																																																																																																																					
A	J68A	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	BNDX AIR ABS																																																																																																																																																																																																																																																																
G	J64AC(+)	18	DK BL	3535303C1	3535424C1	WABCO 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	BNDX AIR ABS																																																																																																																																																																																																																																																																
L	J64AC(-)	18	GY	3535303C1	3535424C1	WABCO AIR ABS																																																																																																																																																																																																																																																																
L	J3C(-)	18	GY	3535303C1	3535424C1	W/HYD ABS																																																																																																																																																																																																																																																																
M	J3-151	18	GY	3535303C1	3535424C1																																																																																																																																																																																																																																																																	
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																																																																																																																																																																																																	
A	K13AA	16	PK	1661875C1	1661872C1																																																																																																																																																																																																																																																																	
B	K11-9B	18	WH	1661875C1	1661872C1																																																																																																																																																																																																																																																																	
C	K11-9C	18	WH	1661875C1	1661872C1																																																																																																																																																																																																																																																																	
D	K14AA	16	RD	1661875C1	1661872C1																																																																																																																																																																																																																																																																	
E	K3AA	16	DKBL	1661875C1	1661872C1																																																																																																																																																																																																																																																																	
F	K3AB	16	GY	1661875C1	1661872C1																																																																																																																																																																																																																																																																	
G	K71D	16	OR	1661875C1	1661872C1																																																																																																																																																																																																																																																																	
H	K71E	16	OR	1661875C1	1661872C1																																																																																																																																																																																																																																																																	
J	K31D	18	TN	1661875C1	1661872C1																																																																																																																																																																																																																																																																	
K	K31-9D	18	TN	1661875C1	1661872C1																																																																																																																																																																																																																																																																	
<b>RELAY COIL IGNITION SPLICE (4840)</b> (LOCATED INSIDE POWER DISTRIBUTION CENTER)  <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>J13X</td> <td>18</td> <td>PK</td> <td>1661208C1</td> </tr> <tr> <td>B</td> <td>J94HE</td> <td>18</td> <td>GY</td> <td>1661208C1</td> </tr> <tr> <td>C</td> <td>J13AS</td> <td>18</td> <td>PK</td> <td>1661208C1</td> </tr> <tr> <td>E</td> <td>J13AV</td> <td>18</td> <td>PK</td> <td>1661208C1</td> </tr> </tbody> </table> CONNECTOR - 2006789C1 LOCK - 2006792C1 COVER - 2006790C1 BUS BAR - 2006791C1		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	<b>COMBINATION TURN STOP (4850)</b> (LOCATED NEAR POWER DISTRIBUTION CENTER)  CONNECTOR - 3543733C1 LOCK - 3543732C1 PLUG - 3535425C1 BUS BAR - 3543736C1																																																																																																																																																																																																																																											
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																																																																																																																																																																																																																																																																		
<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></td> <td>RIGHT TURN STOP BUS BAR</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>A</td> <td>J57J</td> <td>16</td> <td>OR</td> <td>3535303C1</td> <td>3535424C1</td> </tr> <tr> <td>B</td> <td>J57B</td> <td>16</td> <td>OR</td> <td>3535303C1</td> <td>3535424C1</td> </tr> <tr> <td>C</td> <td>J57K</td> <td>16</td> <td>OR</td> <td>3535303C1</td> <td>3535424C1</td> </tr> <tr> <td>D</td> <td>J57BB</td> <td>16</td> <td>OR</td> <td>3535303C1</td> <td>3535424C1</td> </tr> <tr> <td></td> <td>LEFT TURN STOP BUS BAR</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>E</td> <td>J56J</td> <td>16</td> <td>OR</td> <td>3535303C1</td> <td>3535424C1</td> </tr> <tr> <td>F</td> <td>J56B</td> <td>16</td> <td>OR</td> <td>3535303C1</td> <td>3535424C1</td> </tr> <tr> <td>G</td> <td>J56K</td> <td>16</td> <td>OR</td> <td>3535303C1</td> <td>3535424C1</td> </tr> <tr> <td>H</td> <td>J56BB</td> <td>16</td> <td>OR</td> <td>3535303C1</td> <td>3535424C1</td> </tr> <tr> <td></td> <td>UNUSED BUS BAR</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>J</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>K</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>L</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>M</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERM	SEAL		RIGHT TURN STOP BUS BAR					A	J57J	16	OR	3535303C1	3535424C1	B	J57B	16	OR	3535303C1	3535424C1	C	J57K	16	OR	3535303C1	3535424C1	D	J57BB	16	OR	3535303C1	3535424C1		LEFT TURN STOP BUS BAR					E	J56J	16	OR	3535303C1	3535424C1	F	J56B	16	OR	3535303C1	3535424C1	G	J56K	16	OR	3535303C1	3535424C1	H	J56BB	16	OR	3535303C1	3535424C1		UNUSED BUS BAR					J	PLUG	-	-	-	-	K	PLUG	-	-	-	-	L	PLUG	-	-	-	-	M	PLUG	-	-	-	-	<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>J80</td> <td>18</td> <td>GY</td> <td>3535303C1</td> <td>3535424C1</td> </tr> <tr> <td>B</td> <td>J6A</td> <td>18</td> <td>GY</td> <td>3535303C1</td> <td>3535424C1</td> </tr> <tr> <td>C</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>D</td> <td>J8EA</td> <td>18</td> <td>GY</td> <td>3535303C1</td> <td>3535424C1</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>J8J</td> <td>20</td> <td>GY</td> <td>3535302C1</td> <td>3535424C1</td> </tr> <tr> <td>H</td> <td>J8K</td> <td>20</td> <td>GY</td> <td>3535302C1</td> <td>3535424C1</td> </tr> <tr> <td>J</td> <td>J8Y</td> <td>20</td> <td>GY</td> <td>3535302C1</td> <td>3535424C1</td> </tr> <tr> <td>K</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>L</td> <td>J8X</td> <td>18</td> <td>GY</td> <td>3535303C1</td> <td>3535424C1</td> </tr> <tr> <td>M</td> <td>J87H</td> <td>18</td> <td>GY</td> <td>3535303C1</td> <td>3535424C1</td> </tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	J80	18	GY	3535303C1	3535424C1	B	J6A	18	GY	3535303C1	3535424C1	C	PLUG	-	-	-	-	D	J8EA	18	GY	3535303C1	3535424C1	E	PLUG	-	-	-	-	F	PLUG	-	-	-	-	G	J8J	20	GY	3535302C1	3535424C1	H	J8K	20	GY	3535302C1	3535424C1	J	J8Y	20	GY	3535302C1	3535424C1	K	PLUG	-	-	-	-	L	J8X	18	GY	3535303C1	3535424C1	M	J87H	18	GY	3535303C1	3535424C1																																																																																					
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																																																																																																																																																																																																	
	RIGHT TURN STOP BUS BAR																																																																																																																																																																																																																																																																					
A	J57J	16	OR	3535303C1	3535424C1																																																																																																																																																																																																																																																																	
B	J57B	16	OR	3535303C1	3535424C1																																																																																																																																																																																																																																																																	
C	J57K	16	OR	3535303C1	3535424C1																																																																																																																																																																																																																																																																	
D	J57BB	16	OR	3535303C1	3535424C1																																																																																																																																																																																																																																																																	
	LEFT TURN STOP BUS BAR																																																																																																																																																																																																																																																																					
E	J56J	16	OR	3535303C1	3535424C1																																																																																																																																																																																																																																																																	
F	J56B	16	OR	3535303C1	3535424C1																																																																																																																																																																																																																																																																	
G	J56K	16	OR	3535303C1	3535424C1																																																																																																																																																																																																																																																																	
H	J56BB	16	OR	3535303C1	3535424C1																																																																																																																																																																																																																																																																	
	UNUSED BUS BAR																																																																																																																																																																																																																																																																					
J	PLUG	-	-	-	-																																																																																																																																																																																																																																																																	
K	PLUG	-	-	-	-																																																																																																																																																																																																																																																																	
L	PLUG	-	-	-	-																																																																																																																																																																																																																																																																	
M	PLUG	-	-	-	-																																																																																																																																																																																																																																																																	
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																																																																																																																																																																																																	
A	J80	18	GY	3535303C1	3535424C1																																																																																																																																																																																																																																																																	
B	J6A	18	GY	3535303C1	3535424C1																																																																																																																																																																																																																																																																	
C	PLUG	-	-	-	-																																																																																																																																																																																																																																																																	
D	J8EA	18	GY	3535303C1	3535424C1																																																																																																																																																																																																																																																																	
E	PLUG	-	-	-	-																																																																																																																																																																																																																																																																	
F	PLUG	-	-	-	-																																																																																																																																																																																																																																																																	
G	J8J	20	GY	3535302C1	3535424C1																																																																																																																																																																																																																																																																	
H	J8K	20	GY	3535302C1	3535424C1																																																																																																																																																																																																																																																																	
J	J8Y	20	GY	3535302C1	3535424C1																																																																																																																																																																																																																																																																	
K	PLUG	-	-	-	-																																																																																																																																																																																																																																																																	
L	J8X	18	GY	3535303C1	3535424C1																																																																																																																																																																																																																																																																	
M	J87H	18	GY	3535303C1	3535424C1																																																																																																																																																																																																																																																																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>CNA</td> <td>11SEP03</td> <td>ADDED 4712F</td> <td>E</td> <td>58774T</td> <td>U00EDL2</td> <td>42/43/44/85/8600 &amp; 73/74/7500 CIRC DIAGRAMS</td> </tr> <tr> <td></td> <td></td> <td>AND 4713. MOVED 4900.</td> <td></td> <td></td> <td>P52778H</td> <td>RELEASE NO. 31MAY00</td> </tr> </tbody> </table>		CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CNA	11SEP03	ADDED 4712F	E	58774T	U00EDL2	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS			AND 4713. MOVED 4900.			P52778H	RELEASE NO. 31MAY00	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DATE</th> <th>PART NO.</th> <th>SHEET</th> </tr> </thead> <tbody> <tr> <td>31MAY00</td> <td>AE08-52376</td> <td>35</td> </tr> </tbody> </table>		DATE	PART NO.	SHEET	31MAY00	AE08-52376	35																																																																																																																																																																																																																																								
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																																																																																																																																																																																																
CNA	11SEP03	ADDED 4712F	E	58774T	U00EDL2	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS																																																																																																																																																																																																																																																																
		AND 4713. MOVED 4900.			P52778H	RELEASE NO. 31MAY00																																																																																																																																																																																																																																																																
DATE	PART NO.	SHEET																																																																																																																																																																																																																																																																				
31MAY00	AE08-52376	35																																																																																																																																																																																																																																																																				

Figure 170 Connector Composites (4810), (4712F), (4820), (4713F), (4830), (4840), (4850)

12.36. CONNECTOR COMPOSITES (4900), (4910), (4950), (4951), P. 36

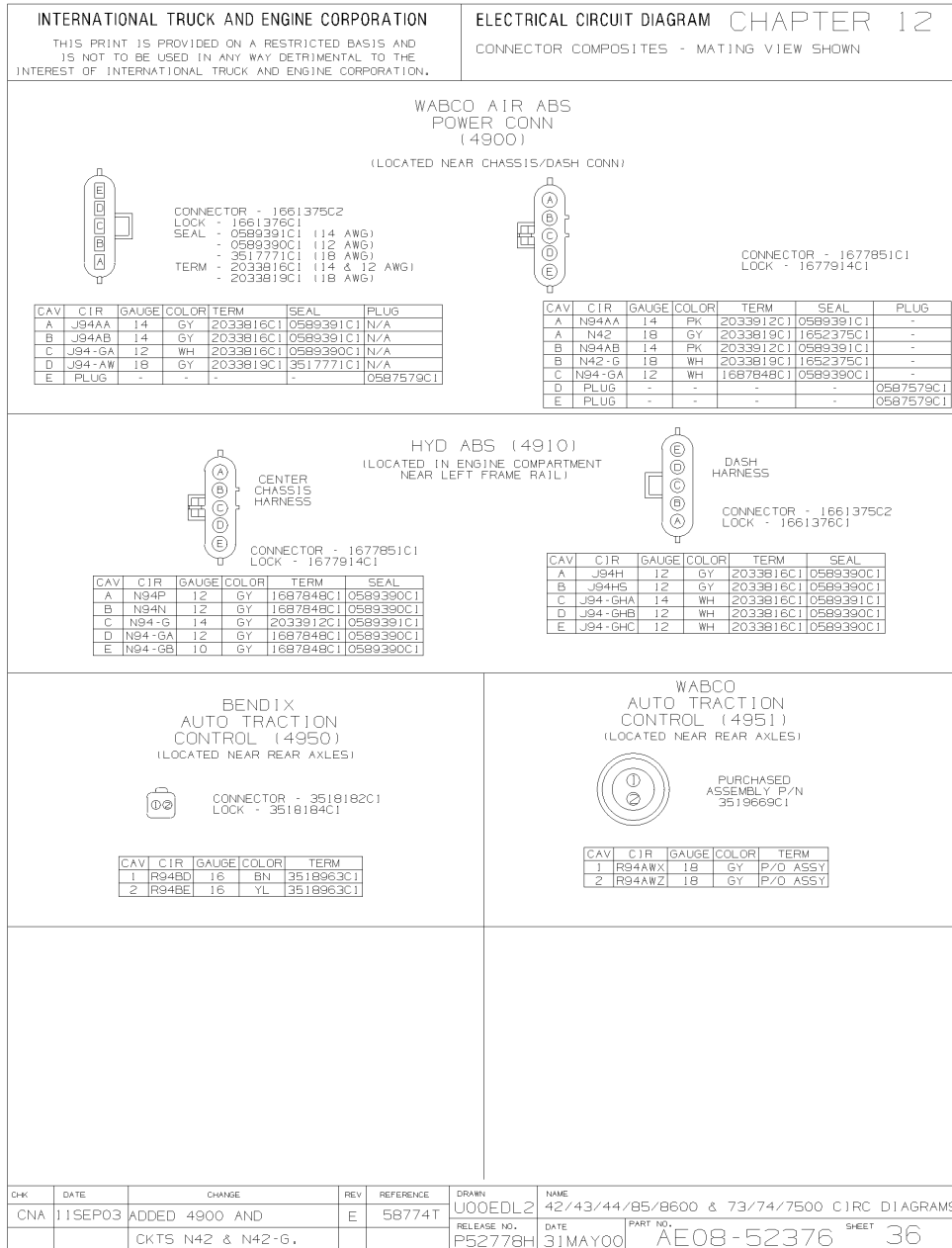


Figure 171 Connector Composites (4900), (4910), (4950), (4951)

12.37. CONNECTOR COMPOSITES (6007), (6011), P. 37

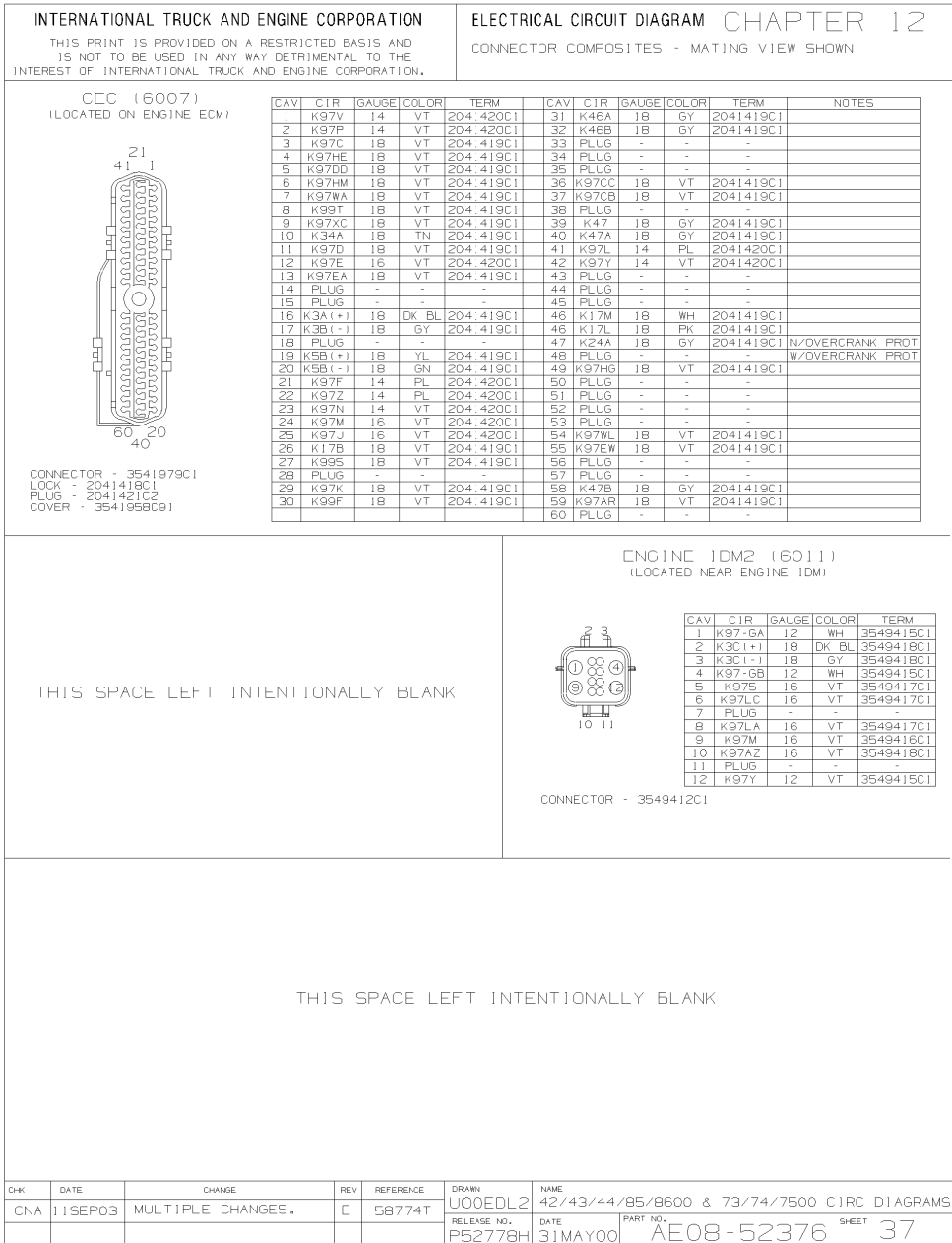


Figure 172 Connector Composites (6007), (6011)

12.38. CONNECTOR COMPOSITES (6013M), (6014), P. 38

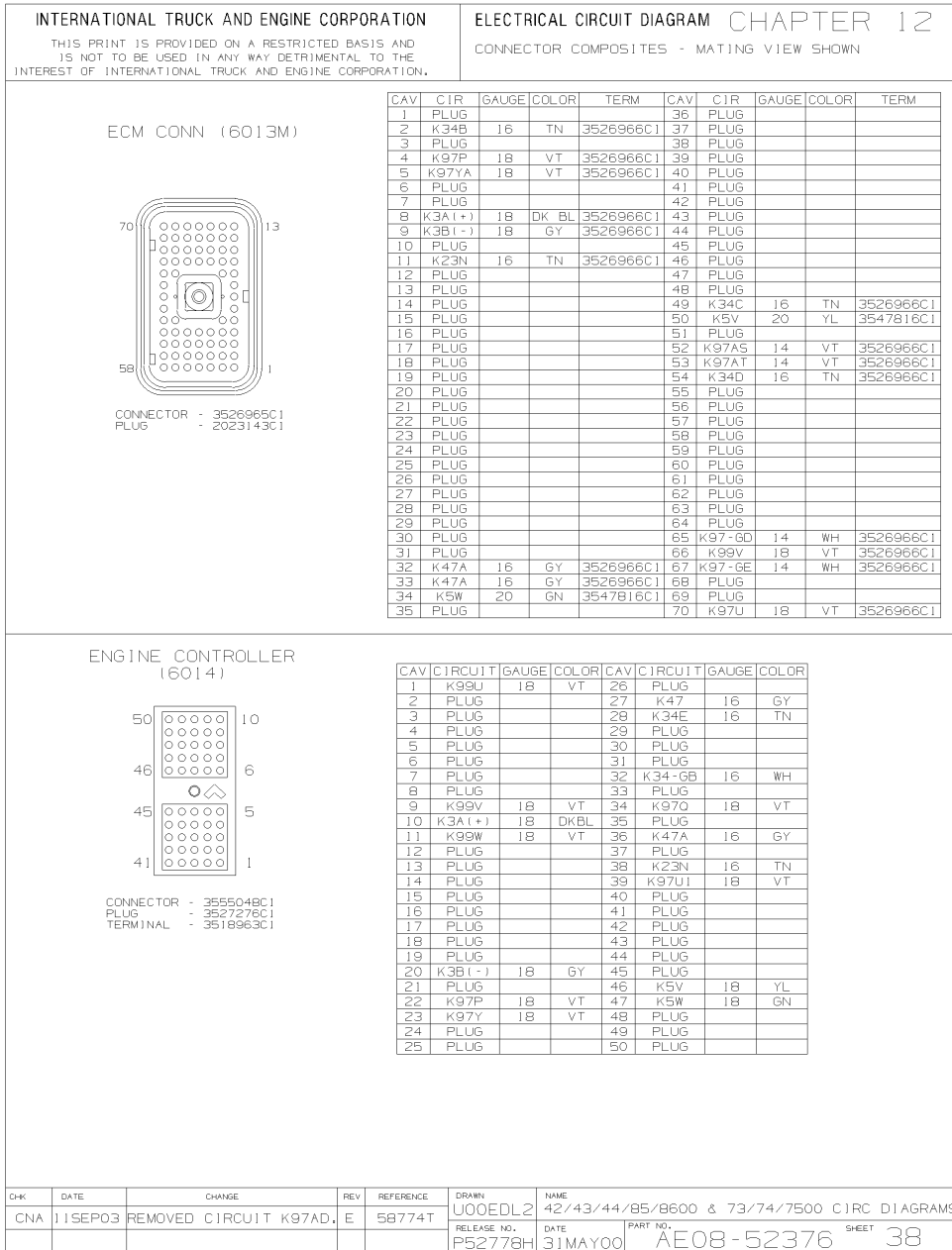


Figure 173 Connector Composites (6013M), (6014)

12.39. CONNECTOR COMPOSITES (6015), (6020), (6021), P. 39

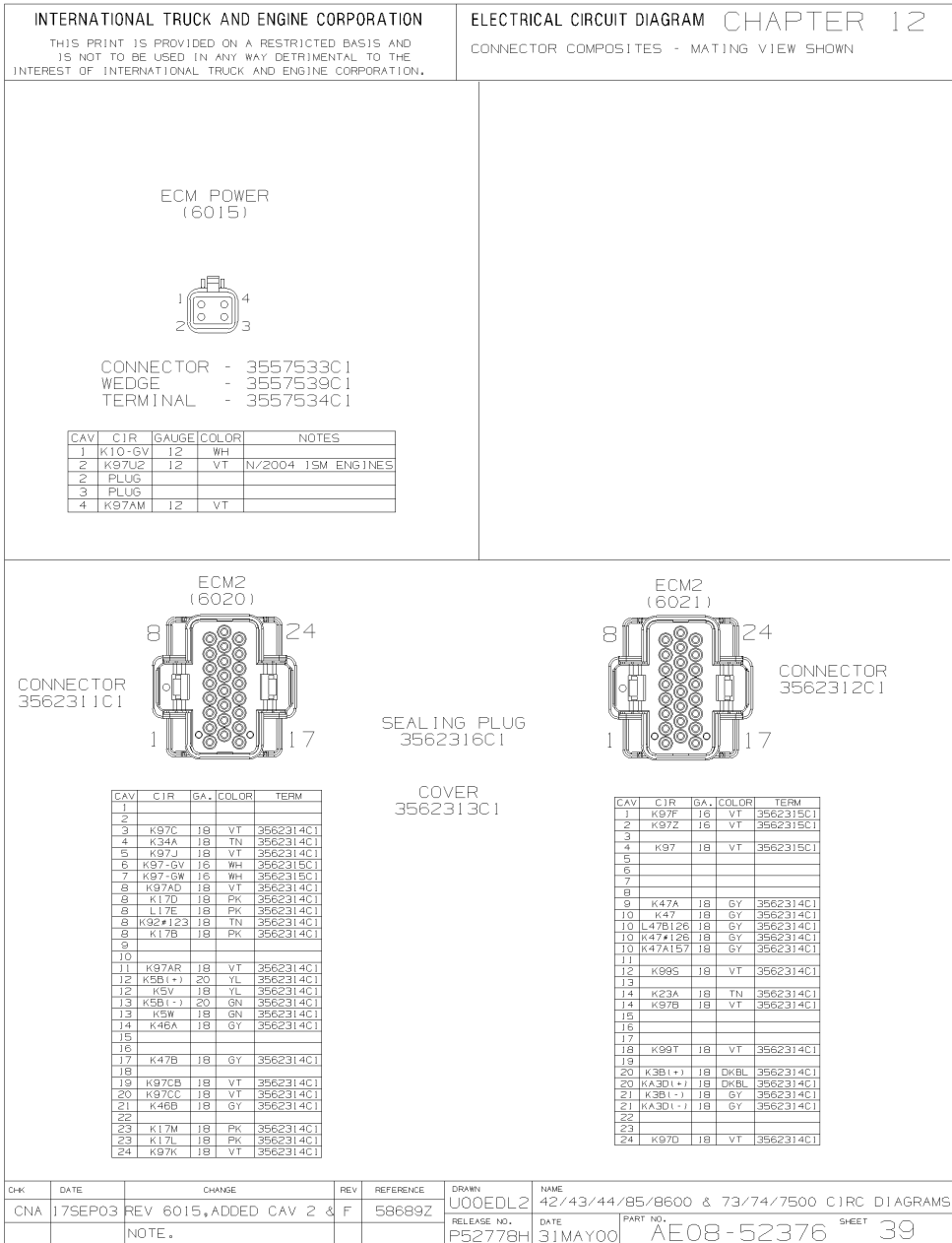
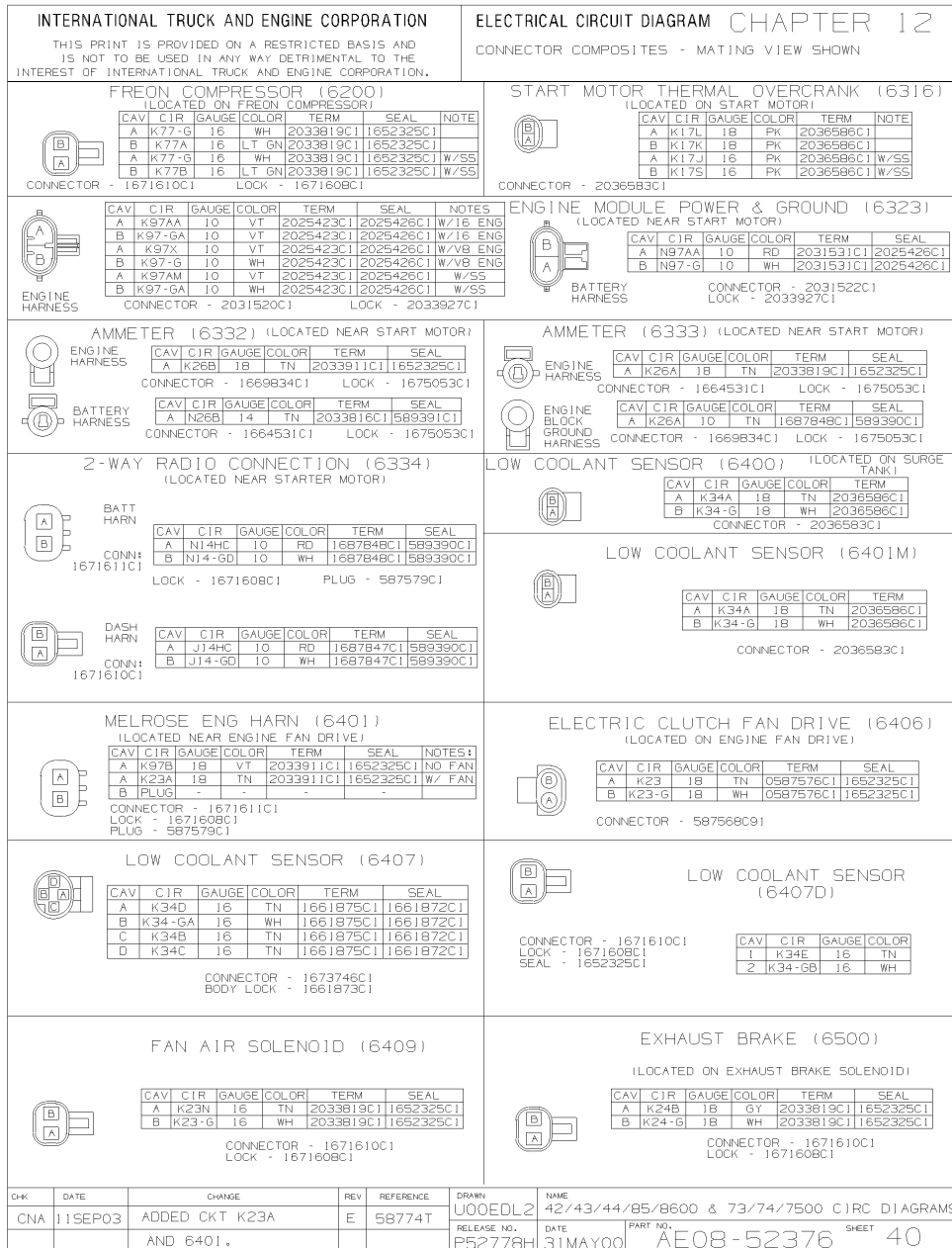


Figure 174 Connector Composites (6015), (6020), (6021)

**12.40. CONNECTOR COMPOSITES (6200), (6316), (6323), (6332), (6333), (6334), (6400), (6401M), (6401), (6406), (6407), (6407D), (6409), (6500), P. 40**



**Figure 175 Connector Composites (6200), (6316), (6323), (6332), (6333), (6334), (6400), (6401M), (6401), (6406), (6407), (6407D), (6409), (6500)**



12.41. CONNECTOR COMPOSITES (6550), (6703), (6704), (6708), (7103), (7104), (7104A), (7105), (7106), (7111), P. 41

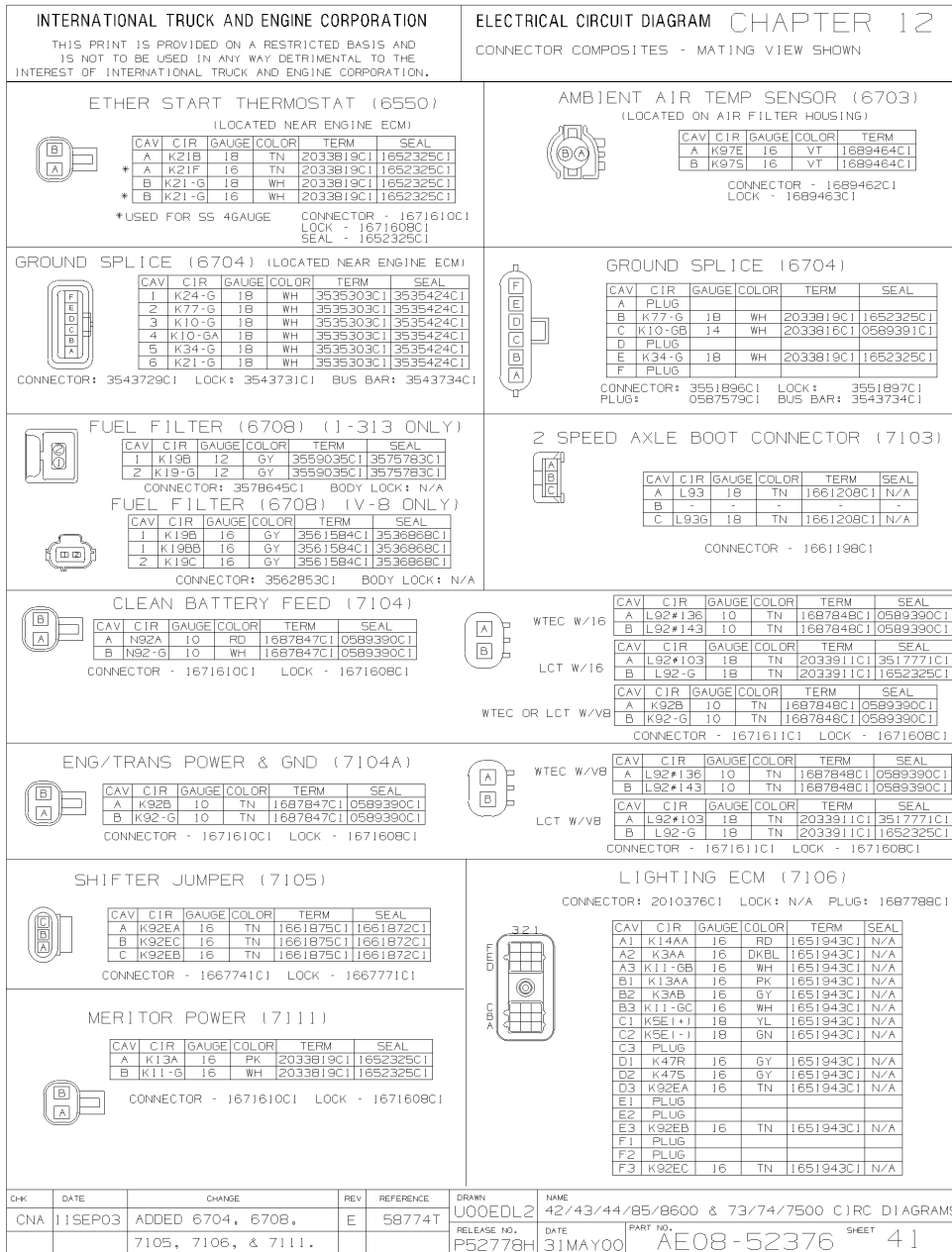


Figure 176 Connector Composites (6550), (6703), (6704), (6708), (7103), (7104), (7104A), (7105), (7106), (7111)



12.43. CONNECTOR COMPOSITES (7204), (7205), (7206), (7211), (7212), (7213), P. 43

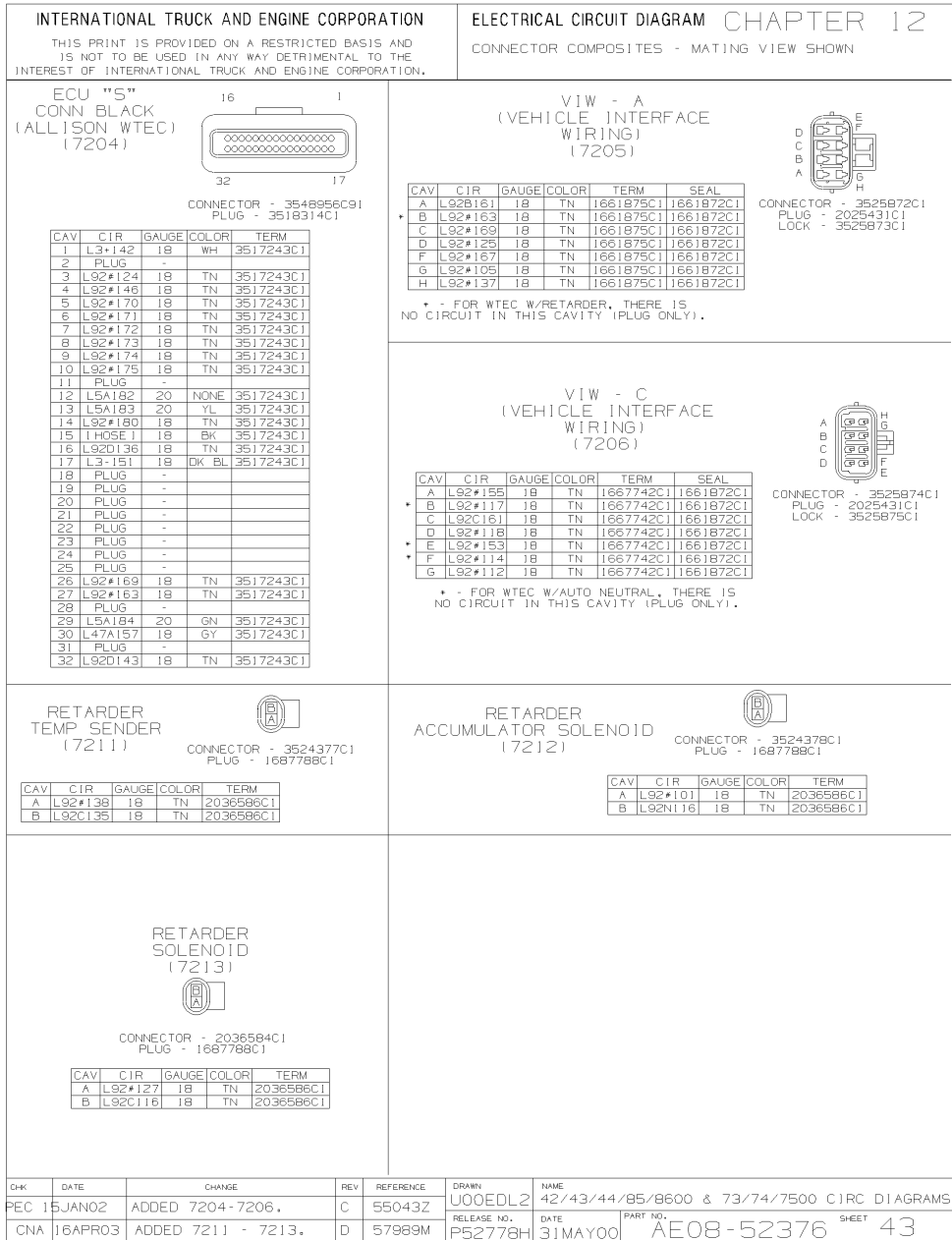


Figure 178 Connector Composites (7204), (7205), (7206), (7211), (7212), (7213)

12.44. CONNECTOR COMPOSITES (7214), (7300), (7301), P. 44

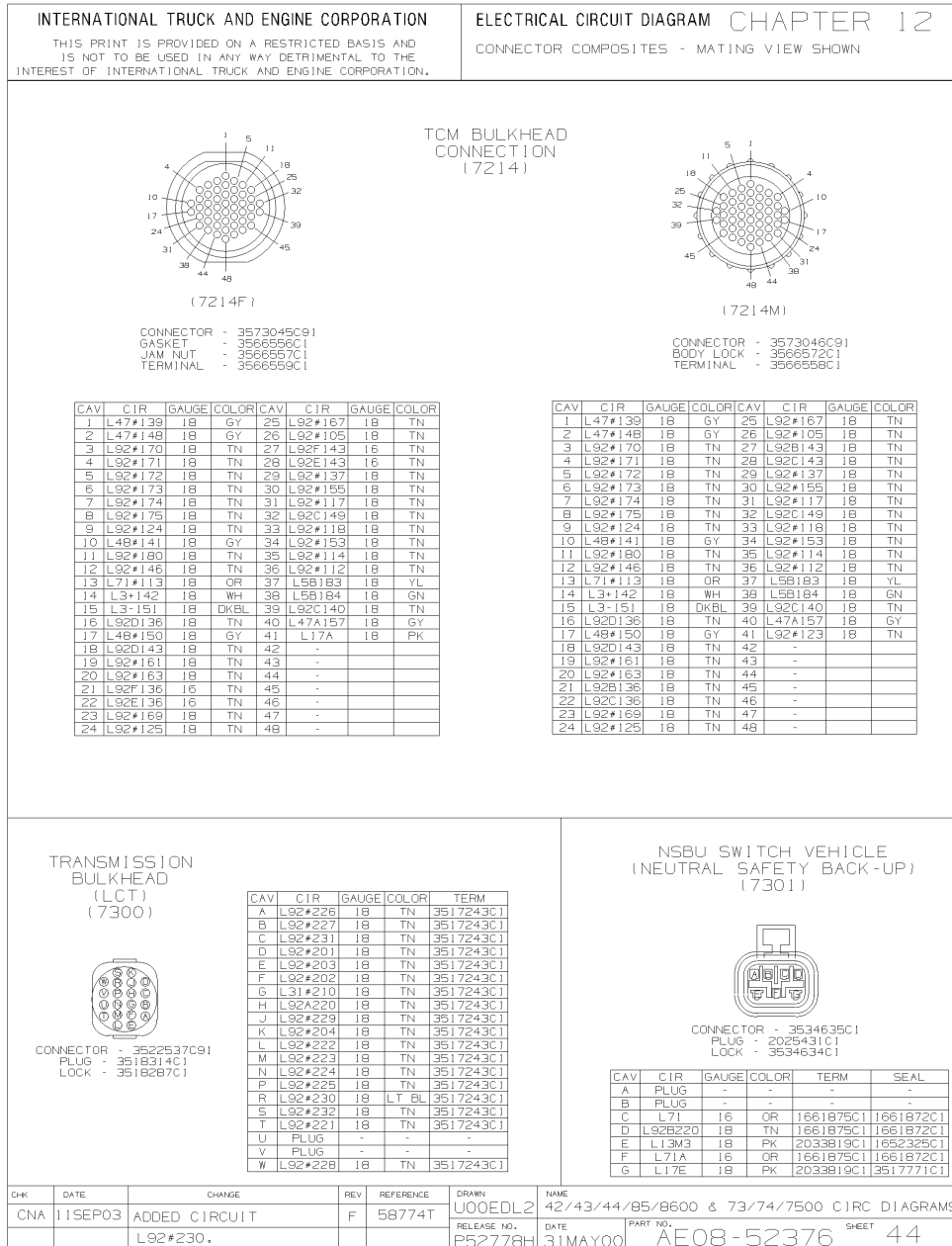
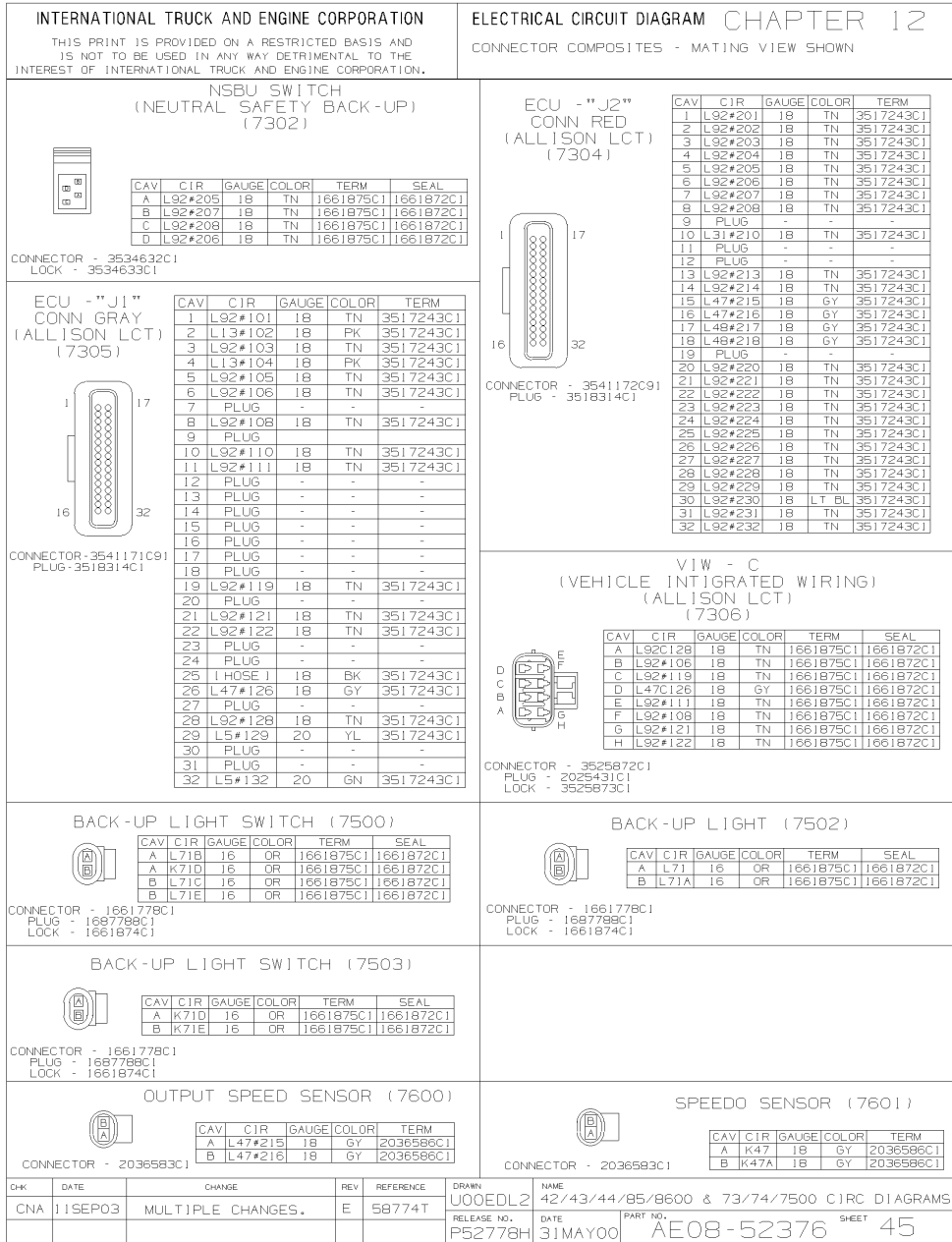


















Figure 179 Connector Composites (7214), (7300), (7301)

**12.45. CONNECTOR COMPOSITES (7302), (7304), (7305), (7306), (7500), (7502), (7600), (7601), P. 45**



**Figure 180 Connector Composites (7302), (7304), (7305), (7306), (7500), (7502), (7600), (7601)**

**12.46. CONNECTOR COMPOSITES (7603), (7604), (7605), (7606), (7607), (7608), (7609), (7610), (7611), (7612), (7613), (7615), (7700), (7702), (7703), (7703A), P. 46**

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																																										
<b>ENGINE SPEED SENSOR (7603)</b>  <table border="1"> <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>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> </tbody> </table> <p>CONNECTOR - 2036583C1</p>				CAV	CIR	GAUGE	COLOR	TERM	A	L48*141	18	GY	2036586C1	B	L48*150	18	GY	2036586C1	<b>ENGINE SPEED SENSOR (7604)</b>  <table border="1"> <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>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> </tbody> </table> <p>CONNECTOR - 2036583C1</p>				CAV	CIR	GAUGE	COLOR	TERM	A	L48*217	18	GY	2036586C1	B	L48*218	18	GY	2036586C1									
CAV	CIR	GAUGE	COLOR	TERM																																										
A	L48*141	18	GY	2036586C1																																										
B	L48*150	18	GY	2036586C1																																										
CAV	CIR	GAUGE	COLOR	TERM																																										
A	L48*217	18	GY	2036586C1																																										
B	L48*218	18	GY	2036586C1																																										
<b>OUTPUT SPEED SENSOR (7605)</b>  <table border="1"> <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>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> </tbody> </table> <p>CONNECTOR - 2036583C1</p>				CAV	CIR	GAUGE	COLOR	TERM	A	L47*139	18	GY	2036586C1	B	L47*148	18	GY	2036586C1	<b>TRANSMISSION SPEED CONNECTION (7606)</b>  <table border="1"> <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>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> </tbody> </table> <p>CONNECTOR - 2036583C1</p>				CAV	CIR	GAUGE	COLOR	TERM	A	L47*139	18	GY	2036586C1	B	L47*148	18	GY	2036586C1									
CAV	CIR	GAUGE	COLOR	TERM																																										
A	L47*139	18	GY	2036586C1																																										
B	L47*148	18	GY	2036586C1																																										
CAV	CIR	GAUGE	COLOR	TERM																																										
A	L47*139	18	GY	2036586C1																																										
B	L47*148	18	GY	2036586C1																																										
<b>TRANSMISSION SPEED CONNECTION (7607)</b>  <table border="1"> <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>L92*213</td> <td>18</td> <td>TN</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>L92*214</td> <td>18</td> <td>TN</td> <td>2036586C1</td> </tr> </tbody> </table> <p>CONNECTOR - 2036583C1</p>				CAV	CIR	GAUGE	COLOR	TERM	A	L92*213	18	TN	2036586C1	B	L92*214	18	TN	2036586C1	<b>TRANSFER CASE SPEED CONNECTION (7608)</b>  <table border="1"> <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>L47N</td> <td>16</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>L47P</td> <td>16</td> <td>GY</td> <td>2036586C1</td> </tr> </tbody> </table> <p>CONNECTOR - 2036583C1</p>				CAV	CIR	GAUGE	COLOR	TERM	A	L47N	16	GY	2036586C1	B	L47P	16	GY	2036586C1									
CAV	CIR	GAUGE	COLOR	TERM																																										
A	L92*213	18	TN	2036586C1																																										
B	L92*214	18	TN	2036586C1																																										
CAV	CIR	GAUGE	COLOR	TERM																																										
A	L47N	16	GY	2036586C1																																										
B	L47P	16	GY	2036586C1																																										
<b>SPEED SENSOR (7609)</b>  <table border="1"> <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>L47</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>L47A</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> </tbody> </table> <p>CONNECTOR - 2036583C1</p>				CAV	CIR	GAUGE	COLOR	TERM	A	L47	18	GY	2036586C1	B	L47A	18	GY	2036586C1	<b>TRANSFER CASE TO TRANSMISSION (7610)</b> (USED ONLY WHEN TRANSFER CASE AND ALLISON WTEC ARE PRESENT)  MATING CONNECTOR IS FEMALE SIDE OF CONNECTOR 7800. CONNECTOR - 1667740C1 PLUG - 2025431C1 LOCK - 1667771C1 <table border="1"> <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>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>L92DJ</td> <td>16</td> <td>TN</td> <td>1667742C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	PLUG	-	-	-	-	B	PLUG	-	-	-	-	C	L92DJ	16	TN	1667742C1	1661872C1
CAV	CIR	GAUGE	COLOR	TERM																																										
A	L47	18	GY	2036586C1																																										
B	L47A	18	GY	2036586C1																																										
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																									
A	PLUG	-	-	-	-																																									
B	PLUG	-	-	-	-																																									
C	L92DJ	16	TN	1667742C1	1661872C1																																									
<b>TRANSFER CASE SPEED CONNECTION (7611)</b>  <table border="1"> <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>L47L</td> <td>16</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>L47M</td> <td>16</td> <td>GY</td> <td>2036586C1</td> </tr> </tbody> </table> <p>CONNECTOR - 2036583C1</p>				CAV	CIR	GAUGE	COLOR	TERM	A	L47L	16	GY	2036586C1	B	L47M	16	GY	2036586C1	<b>EATON SPEED SENSOR (7612)</b>  <table border="1"> <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>K47R</td> <td>16</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>K47S</td> <td>16</td> <td>GY</td> <td>2036586C1</td> </tr> </tbody> </table> <p>CONNECTOR - 2036583C1</p>				CAV	CIR	GAUGE	COLOR	TERM	A	K47R	16	GY	2036586C1	B	K47S	16	GY	2036586C1									
CAV	CIR	GAUGE	COLOR	TERM																																										
A	L47L	16	GY	2036586C1																																										
B	L47M	16	GY	2036586C1																																										
CAV	CIR	GAUGE	COLOR	TERM																																										
A	K47R	16	GY	2036586C1																																										
B	K47S	16	GY	2036586C1																																										
<b>TRUCK SPEED SENSOR (7613)</b>  <table border="1"> <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>K47</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>K47A</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> </tbody> </table> <p>CONNECTOR - 2036583C1</p>				CAV	CIR	GAUGE	COLOR	TERM	A	K47	18	GY	2036586C1	B	K47A	18	GY	2036586C1	<b>TRANSMISSION OIL TEMP SENSOR (7700)</b>  <table border="1"> <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>K31B</td> <td>18</td> <td>TN</td> <td>3536865C1</td> <td>3536866C1</td> </tr> <tr> <td>2</td> <td>K31G</td> <td>18</td> <td>TN</td> <td>3536865C1</td> <td>3536866C1</td> </tr> </tbody> </table> <p>CONNECTOR - 3536864C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	K31B	18	TN	3536865C1	3536866C1	2	K31G	18	TN	3536865C1	3536866C1						
CAV	CIR	GAUGE	COLOR	TERM																																										
A	K47	18	GY	2036586C1																																										
B	K47A	18	GY	2036586C1																																										
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																									
1	K31B	18	TN	3536865C1	3536866C1																																									
2	K31G	18	TN	3536865C1	3536866C1																																									
<b>TURBINE SPEED SENSOR (7615)</b>  <table border="1"> <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>MRS2C149</td> <td>18</td> <td>TN</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>MRS2C140</td> <td>18</td> <td>TN</td> <td>2036586C1</td> </tr> </tbody> </table> <p>CONNECTOR - 2036583C1</p>				CAV	CIR	GAUGE	COLOR	TERM	A	MRS2C149	18	TN	2036586C1	B	MRS2C140	18	TN	2036586C1	<b>TRANS OIL TEMP SENSOR (7702)</b>  <table border="1"> <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>K31F</td> <td>18</td> <td>TN</td> <td>3536865C1</td> <td>3536866C1</td> </tr> <tr> <td>2</td> <td>K31-GF</td> <td>18</td> <td>TN</td> <td>3536865C1</td> <td>3536866C1</td> </tr> </tbody> </table> <p>CONNECTOR - 3536864C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	K31F	18	TN	3536865C1	3536866C1	2	K31-GF	18	TN	3536865C1	3536866C1						
CAV	CIR	GAUGE	COLOR	TERM																																										
A	MRS2C149	18	TN	2036586C1																																										
B	MRS2C140	18	TN	2036586C1																																										
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																									
1	K31F	18	TN	3536865C1	3536866C1																																									
2	K31-GF	18	TN	3536865C1	3536866C1																																									
<b>TRANS OIL TEMP SENSOR (7703)</b>  <table border="1"> <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>K31E</td> <td>16</td> <td>TN</td> <td>3536865C1</td> <td>3536866C1</td> </tr> <tr> <td>2</td> <td>K31-GE</td> <td>16</td> <td>TN</td> <td>3536865C1</td> <td>3536866C1</td> </tr> </tbody> </table> <p>CONNECTOR - 3536864C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	K31E	16	TN	3536865C1	3536866C1	2	K31-GE	16	TN	3536865C1	3536866C1	<b>TRANS OIL TEMP SENDER (7703A)</b>  <table border="1"> <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>K31D</td> <td>16</td> <td>TN</td> <td>3536865C1</td> <td>3536866C1</td> </tr> <tr> <td>2</td> <td>K31-6D</td> <td>16</td> <td>TN</td> <td>3536865C1</td> <td>3536866C1</td> </tr> </tbody> </table> <p>CONNECTOR - 3536864C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	K31D	16	TN	3536865C1	3536866C1	2	K31-6D	16	TN	3536865C1	3536866C1			
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																									
1	K31E	16	TN	3536865C1	3536866C1																																									
2	K31-GE	16	TN	3536865C1	3536866C1																																									
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																									
1	K31D	16	TN	3536865C1	3536866C1																																									
2	K31-6D	16	TN	3536865C1	3536866C1																																									
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																								
CNA	11SEP03	MULTIPLE CHANGES.	D	5B774T	U00EDL2	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS																																								
					RELEASE NO.	DATE																																								
					P52778H	31MAY00																																								
					PART NO.	SHEET																																								
					AE08-52376	46																																								

**Figure 181 Connector Composites (7603), (7604), (7605), (7606), (7607), (7608), (7609), (7610), (7611), (7612), (7613), (7615), (7700), (7702), (7703), (7703A)**

12.47. CONNECTOR COMPOSITES (7800), (7801M), (7803), (7900), (7901), P. 47





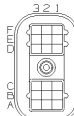

<p>INTERNATIONAL TRUCK AND ENGINE CORPORATION</p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</p>	<p>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12</p> <p>CONNECTOR COMPOSITES - MATING VIEW SHOWN</p>																																																																																																																																																																																																																																																																																																			
<p style="text-align: center;">ENG/TRANS CONNECTOR (7800)</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>CONNECTOR - 1667740C1 PLUG - 2025431C1 LOCK - 1667771C1</p> </div> <div style="text-align: center;">  <p>CONNECTOR - 1667741C1 PLUG - 2025431C1 LOCK - 1667771C1</p> </div> </div> <p style="text-align: center;">W/16 ENGINES</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>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;">W/V8 ENGINES</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>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 style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>CONNECTOR - 3522251C1 LOCK - 3522253C1 PLUG - 2025431C1</p> </div> <div style="text-align: center;"> <p>W/CAT C10, CAT C12, CUMMINS</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>K47</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>K47A</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>D</td><td>K5U</td><td>18</td><td>YL</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>E</td><td>K5AE</td><td>18</td><td>GN</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> </div> </div> <p style="text-align: center;">W/EATON AUTOSHIFT</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>L47</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>L47A</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>L17C</td><td>18</td><td>PK</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> <p style="text-align: center;">W/ALLISON WTEC (W/ &amp; NOT W/RETARDER)</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>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;">W/ALLISON WTEC W/AUTO NEUTRAL</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>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;">W/ALLISON LCT</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>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;">W/MANUAL TRANS</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>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>	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	K47	16	GY	1661875C1	1661872C1	B	K47A	16	GY	1661875C1	1661872C1	C	PLUG	-	-	-	-	D	K5U	18	YL	1661875C1	1661872C1	E	K5AE	18	GN	1661875C1	1661872C1	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	L47	18	GY	1661875C1	1661872C1	B	L47A	18	GY	1661875C1	1661872C1	C	L17C	18	PK	1661875C1	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	<p style="text-align: center;">TERMINATING RESISTOR (7801M)</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><th>NOTES</th></tr> </thead> <tbody> <tr><td>A</td><td>K5C1+7</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td><td></td></tr> <tr><td>A</td><td>K5D1+7</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td><td></td></tr> <tr><td>A</td><td>K5C1B3</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td><td></td></tr> <tr><td>A</td><td>K5AE</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td><td>V-8ONLY</td></tr> <tr><td>C</td><td>K5C1-7</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td><td></td></tr> <tr><td>C</td><td>K5D1-7</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td><td></td></tr> <tr><td>C</td><td>K5C1B4</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td><td></td></tr> <tr><td>C</td><td>K5U</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td><td>V-8ONLY</td></tr> </tbody> </table> <p>CONNECTOR - 1667741C1 PLUG - 2025431C1 LOCK - 1667771C1</p> <p style="text-align: center;">ENG TO TRANSFER CASE HARNESS CONN (7803)</p> <p>USED ONLY WHEN TRANSFER CASE AND ALLISON WTEC ARE PRESENT! MATING CONNECTOR IS MALE SIDE OF CONNECTOR 7800.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>CONNECTOR - 1667741C1 PLUG - 2025431C1 LOCK - 1667771C1</p> </div> <div style="text-align: center;"> <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>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> </div> </div>	CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES	A	K5C1+7	18	YL	1661875C1	3568570C1		A	K5D1+7	18	YL	1661875C1	3568570C1		A	K5C1B3	18	YL	1661875C1	3568570C1		A	K5AE	18	GN	1661875C1	3568570C1	V-8ONLY	C	K5C1-7	18	GN	1661875C1	3568570C1		C	K5D1-7	18	GN	1661875C1	3568570C1		C	K5C1B4	18	GN	1661875C1	3568570C1		C	K5U	18	YL	1661875C1	3568570C1	V-8ONLY	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	L47L	16	GY	1661875C1	1661872C1	B	L47M	16	GY	1661875C1	1661872C1	C	L92DJ	16	TN	1661875C1	1661872C1
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	K47	16	GY	1661875C1	1661872C1																																																																																																																																																																																																																																																																																															
B	K47A	16	GY	1661875C1	1661872C1																																																																																																																																																																																																																																																																																															
C	PLUG	-	-	-	-																																																																																																																																																																																																																																																																																															
D	K5U	18	YL	1661875C1	1661872C1																																																																																																																																																																																																																																																																																															
E	K5AE	18	GN	1661875C1	1661872C1																																																																																																																																																																																																																																																																																															
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																																																																																																																																																																																																																															
A	L47	18	GY	1661875C1	1661872C1																																																																																																																																																																																																																																																																																															
B	L47A	18	GY	1661875C1	1661872C1																																																																																																																																																																																																																																																																																															
C	L17C	18	PK	1661875C1	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	NOTES																																																																																																																																																																																																																																																																																														
A	K5C1+7	18	YL	1661875C1	3568570C1																																																																																																																																																																																																																																																																																															
A	K5D1+7	18	YL	1661875C1	3568570C1																																																																																																																																																																																																																																																																																															
A	K5C1B3	18	YL	1661875C1	3568570C1																																																																																																																																																																																																																																																																																															
A	K5AE	18	GN	1661875C1	3568570C1	V-8ONLY																																																																																																																																																																																																																																																																																														
C	K5C1-7	18	GN	1661875C1	3568570C1																																																																																																																																																																																																																																																																																															
C	K5D1-7	18	GN	1661875C1	3568570C1																																																																																																																																																																																																																																																																																															
C	K5C1B4	18	GN	1661875C1	3568570C1																																																																																																																																																																																																																																																																																															
C	K5U	18	YL	1661875C1	3568570C1	V-8ONLY																																																																																																																																																																																																																																																																																														
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																																																																																																																																																																																																																															
A	L47L	16	GY	1661875C1	1661872C1																																																																																																																																																																																																																																																																																															
B	L47M	16	GY	1661875C1	1661872C1																																																																																																																																																																																																																																																																																															
C	L92DJ	16	TN	1661875C1	1661872C1																																																																																																																																																																																																																																																																																															
<p style="text-align: center;">EATON AUTOSHIFT ECM (7900)</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>CONNECTOR - 2010376C1 PLUG - 1697789C1</p> </div> <div style="text-align: center;"> <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>A1</td><td>L92AC</td><td>16</td><td>TN</td><td>1651943C1</td></tr> <tr><td>A2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>A3</td><td>L92AE</td><td>16</td><td>TN</td><td>1651943C1</td></tr> <tr><td>B1</td><td>L92AD</td><td>16</td><td>TN</td><td>1651943C1</td></tr> <tr><td>B2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B3</td><td>L92AB</td><td>16</td><td>TN</td><td>1651943C1</td></tr> <tr><td>C1</td><td>L5AX(+)</td><td>20</td><td>YL</td><td>1651943C1</td></tr> <tr><td>C2</td><td>L5AX(+)</td><td>20</td><td>GN</td><td>1651943C1</td></tr> <tr><td>C3</td><td>L5AX(1S)</td><td>20</td><td>NONE</td><td>1651943C1</td></tr> <tr><td>D1</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>D2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>D3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E1</td><td>L92Z</td><td>16</td><td>TN</td><td>1651943C1</td></tr> <tr><td>E2</td><td>L92AA</td><td>16</td><td>TN</td><td>1651943C1</td></tr> <tr><td>E3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F1</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> </div> </div>	CAV	CIR	GAUGE	COLOR	TERM	A1	L92AC	16	TN	1651943C1	A2	PLUG	-	-	-	A3	L92AE	16	TN	1651943C1	B1	L92AD	16	TN	1651943C1	B2	PLUG	-	-	-	B3	L92AB	16	TN	1651943C1	C1	L5AX(+)	20	YL	1651943C1	C2	L5AX(+)	20	GN	1651943C1	C3	L5AX(1S)	20	NONE	1651943C1	D1	PLUG	-	-	-	D2	PLUG	-	-	-	D3	PLUG	-	-	-	E1	L92Z	16	TN	1651943C1	E2	L92AA	16	TN	1651943C1	E3	PLUG	-	-	-	F1	PLUG	-	-	-	F2	PLUG	-	-	-	F3	PLUG	-	-	-	<p style="text-align: center;">EATON AUTOSHIFT ECM POWER (7901)</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>CONNECTOR - 3552915C1 PLUG - 1675451C1</p> </div> <div style="text-align: center;"> <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>L11-GAM</td><td>12</td><td>WH</td><td>1661708C1</td></tr> <tr><td>B</td><td>L14AW</td><td>12</td><td>RD</td><td>1661708C1</td></tr> </tbody> </table> </div> </div>	CAV	CIR	GAUGE	COLOR	TERM	A	L11-GAM	12	WH	1661708C1	B	L14AW	12	RD	1661708C1																																																																																																																																																																																					
CAV	CIR	GAUGE	COLOR	TERM																																																																																																																																																																																																																																																																																																
A1	L92AC	16	TN	1651943C1																																																																																																																																																																																																																																																																																																
A2	PLUG	-	-	-																																																																																																																																																																																																																																																																																																
A3	L92AE	16	TN	1651943C1																																																																																																																																																																																																																																																																																																
B1	L92AD	16	TN	1651943C1																																																																																																																																																																																																																																																																																																
B2	PLUG	-	-	-																																																																																																																																																																																																																																																																																																
B3	L92AB	16	TN	1651943C1																																																																																																																																																																																																																																																																																																
C1	L5AX(+)	20	YL	1651943C1																																																																																																																																																																																																																																																																																																
C2	L5AX(+)	20	GN	1651943C1																																																																																																																																																																																																																																																																																																
C3	L5AX(1S)	20	NONE	1651943C1																																																																																																																																																																																																																																																																																																
D1	PLUG	-	-	-																																																																																																																																																																																																																																																																																																
D2	PLUG	-	-	-																																																																																																																																																																																																																																																																																																
D3	PLUG	-	-	-																																																																																																																																																																																																																																																																																																
E1	L92Z	16	TN	1651943C1																																																																																																																																																																																																																																																																																																
E2	L92AA	16	TN	1651943C1																																																																																																																																																																																																																																																																																																
E3	PLUG	-	-	-																																																																																																																																																																																																																																																																																																
F1	PLUG	-	-	-																																																																																																																																																																																																																																																																																																
F2	PLUG	-	-	-																																																																																																																																																																																																																																																																																																
F3	PLUG	-	-	-																																																																																																																																																																																																																																																																																																
CAV	CIR	GAUGE	COLOR	TERM																																																																																																																																																																																																																																																																																																
A	L11-GAM	12	WH	1661708C1																																																																																																																																																																																																																																																																																																
B	L14AW	12	RD	1661708C1																																																																																																																																																																																																																																																																																																
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr><th>CHK</th><th>DATE</th><th>CHANGE</th><th>REV</th><th>REFERENCE</th></tr> </thead> <tbody> <tr><td>CNA</td><td>11SEP03</td><td>ADDED 7801M.</td><td>E</td><td>58774T</td></tr> </tbody> </table>	CHK	DATE	CHANGE	REV	REFERENCE	CNA	11SEP03	ADDED 7801M.	E	58774T	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr><th>DRAWN</th><th>NAME</th></tr> </thead> <tbody> <tr><td>U00EDL2</td><td>42/43/44/85/8600 &amp; 73/74/7500 CIRC DIAGRAMS</td></tr> <tr><th>RELEASE NO.</th><th>DATE</th><th>PART NO.</th><th>SHEET</th></tr> <tr><td>P52778H</td><td>28JUN00</td><td>AE08-52376</td><td>47</td></tr> </tbody> </table>	DRAWN	NAME	U00EDL2	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS	RELEASE NO.	DATE	PART NO.	SHEET	P52778H	28JUN00	AE08-52376	47																																																																																																																																																																																																																																																																													
CHK	DATE	CHANGE	REV	REFERENCE																																																																																																																																																																																																																																																																																																
CNA	11SEP03	ADDED 7801M.	E	58774T																																																																																																																																																																																																																																																																																																
DRAWN	NAME																																																																																																																																																																																																																																																																																																			
U00EDL2	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS																																																																																																																																																																																																																																																																																																			
RELEASE NO.	DATE	PART NO.	SHEET																																																																																																																																																																																																																																																																																																	
P52778H	28JUN00	AE08-52376	47																																																																																																																																																																																																																																																																																																	

Figure 182 Connector Composites (7800), (7801M), (7803), (7900), (7901)

**12.48. CONNECTOR COMPOSITES (7905), (7906), (8000), (8001), (8102), (8150), (8151), (8200), P. 48**

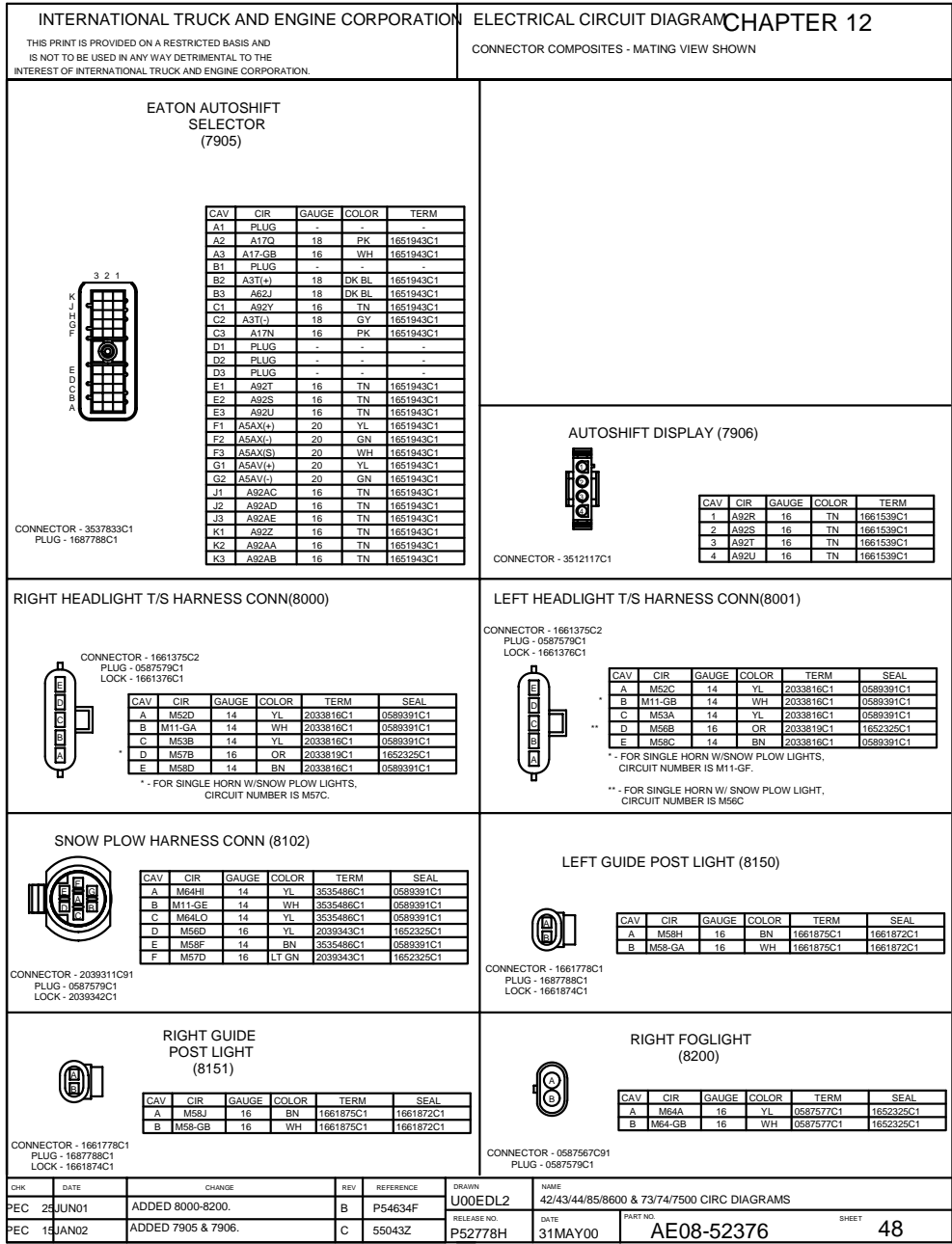












Figure 183 Connector Composites (7905), (7906), (8000), (8001), (8102), (8150), (8151), (8200)






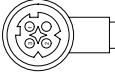
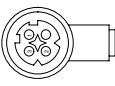





**12.49. CONNECTOR COMPOSITES (8201), (8301), (8310), (8311), (8312), (8400), (8500), (8501), (8502), (8502A), P. 49**

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>LEFT FOGLIGHT (8201)</b></p>  <p>CONNECTOR - 0587567C91 PLUG - 0587579C1</p> <table border="1"> <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>M64B</td> <td>16</td> <td>YL</td> <td>0587577C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M64-GA</td> <td>16</td> <td>WH</td> <td>0587577C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M64B	16	YL	0587577C1	1652325C1	B	M64-GA	16	WH	0587577C1	1652325C1	<p><b>ELECTRIC HORN (8301)</b></p>  <p>CONNECTOR - 1661778C1 PLUG - 1667788C1 LOCK - 1661874C1</p> <table border="1"> <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>M85E</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M85-GA</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M85E	16	GY	1661875C1	1661872C1	B	M85-GA	16	WH	1661875C1	1661872C1																		
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																								
A	M64B	16	YL	0587577C1	1652325C1																																																								
B	M64-GA	16	WH	0587577C1	1652325C1																																																								
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																								
A	M85E	16	GY	1661875C1	1661872C1																																																								
B	M85-GA	16	WH	1661875C1	1661872C1																																																								
<p><b>DUAL ELECTRIC HORNS (8310)</b></p>  <p>CONNECTOR - 3543888C1 PLUG - 2025431C1 LOCK - 1661874C1</p> <table border="1"> <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>M85J</td> <td>16</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M85-GC</td> <td>16</td> <td>WH</td> <td>1667742C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M85J	16	GY	1667742C1	1661872C1	B	M85-GC	16	WH	1667742C1	1661872C1	<p><b>ELECTRIC HORN #1 (8311)</b></p>  <p>CONNECTOR - 1661778C1 PLUG - 1667788C1 LOCK - 1661874C1</p> <p>W/SINGLE HORN</p> <table border="1"> <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>M85J</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M85-GC</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> <p>W/DUAL HORNS</p> <table border="1"> <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>M85K</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M85-GD</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M85J	16	GY	1661875C1	1661872C1	B	M85-GC	16	WH	1661875C1	1661872C1	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M85K	16	GY	1661875C1	1661872C1	B	M85-GD	16	WH	1661875C1	1661872C1
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																								
A	M85J	16	GY	1667742C1	1661872C1																																																								
B	M85-GC	16	WH	1667742C1	1661872C1																																																								
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																								
A	M85J	16	GY	1661875C1	1661872C1																																																								
B	M85-GC	16	WH	1661875C1	1661872C1																																																								
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																								
A	M85K	16	GY	1661875C1	1661872C1																																																								
B	M85-GD	16	WH	1661875C1	1661872C1																																																								
<p><b>ELECTRIC HORN #2 (8312)</b></p>  <p>CONNECTOR - 1661778C1 PLUG - 1667788C1 LOCK - 1661874C1</p> <table border="1"> <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>M85L</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M85-GE</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M85L	16	GY	1661875C1	1661872C1	B	M85-GE	16	WH	1661875C1	1661872C1	<p><b>ETHER START (8400)</b></p>  <p>CONNECTOR - 0587568C91 PLUG - 0587579C1</p> <table border="1"> <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>M21D</td> <td>18</td> <td>TN</td> <td>0587576C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M21C</td> <td>18</td> <td>TN</td> <td>0587576C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M21D	18	TN	0587576C1	1652325C1	B	M21C	18	TN	0587576C1	1652325C1																		
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																								
A	M85L	16	GY	1661875C1	1661872C1																																																								
B	M85-GE	16	WH	1661875C1	1661872C1																																																								
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																								
A	M21D	18	TN	0587576C1	1652325C1																																																								
B	M21C	18	TN	0587576C1	1652325C1																																																								
<p><b>BENDIX LEFT ABS MODULATOR (8500)</b></p>  <p>CONNECTOR - 1686834C1 PLUG - 0587579C1 LOCK - 1664408C1</p> <table border="1"> <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>M94</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M94A</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>M94B</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M94	18	GY	2033819C1	1652325C1	B	M94A	18	GY	2033819C1	1652325C1	C	M94B	18	GY	2033819C1	1652325C1	<p><b>BENDIX RIGHT ABS MODULATOR (8501)</b></p>  <p>CONNECTOR - 1686834C1 PLUG - 0587579C1 LOCK - 1664408C1</p> <table border="1"> <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>M94H</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M94J</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>M94K</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M94H	18	GY	2033819C1	1652325C1	B	M94J	18	GY	2033819C1	1652325C1	C	M94K	18	GY	2033819C1	1652325C1						
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																																																								
<p><b>LEFT HYD ABS WHEEL SENSOR (8502)</b></p>  <p>PURCHASED ASSEMBLY P/N 3519878C1</p> <table border="1"> <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><b>BENDIX LEFT AIR ABS WHEEL SENSOR (8502A)</b></p>  <p>CONNECTOR - 1684261C1 PLUG - 0453133C1 LOCK - 1684263C1</p> <table border="1"> <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																								
CAV	CIR	GAUGE	COLOR	TERM																																																									
1	M94L	18	BK	ASSY																																																									
2	M94M	18	BN	ASSY																																																									
CAV	CIR	GAUGE	COLOR	TERM																																																									
1	M94C	18	GY	1680205C1																																																									
2	M94D	18	GY	1680205C1																																																									
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	RELEASE NO.	DATE	PART NO.	SHEET																																																			
PEC	13JAN01	PRODUCTION RELEASE.	A	P54304U	U00EDL2	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS																																																							
PEC	25JUN01	ADDED 8201-8502A.	B	P54634F	P52778H			31MAY00	AE08-52376	49																																																			

**Figure 184 Connector Composites (8201), (8301), (8310), (8311), (8312), (8400), (8500), (8501), (8502), (8502A)**

**12.50. CONNECTOR COMPOSITES (8503), (8503A), (8505), (8506), (8507), (8508), (8509), (8600), (8601), (8602), P. 50**

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>RIGHT HYD ABS WHEEL SENSOR (8503)</b></p>  <p>PURCHASED ASSEMBLY P/N 3519878C1</p> <table border="1"> <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>M94F</td> <td>18</td> <td>BN</td> <td>ASSY</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	M94N	18	BK	ASSY	2	M94F	18	BN	ASSY	<p><b>BENDIX RIGHT AIR ABS WHEEL SENSOR (8503A)</b></p>  <p>CONNECTOR - 1684261C1 PLUG - 0453133C1 LOCK - 1684263C1</p> <table border="1"> <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								
CAV	CIR	GAUGE	COLOR	TERM																																									
1	M94N	18	BK	ASSY																																									
2	M94F	18	BN	ASSY																																									
CAV	CIR	GAUGE	COLOR	TERM																																									
1	M94E	18	GY	1680205C1																																									
2	M94F	18	GY	1680205C1																																									
<p><b>AIR COMPRESSOR FOR HYD BRAKES (8505)</b></p>  <p>CONNECTOR - 1678137C1</p> <table border="1"> <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><b>WABCO LEFT FRONT AIR ABS WHEEL SPEED SENSOR (8506)</b></p>  <p>PURCHASED ASSEMBLY P/N 3519878C1</p> <table border="1"> <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>M94AC</td> <td>18</td> <td>BN</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>M94AD</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	M94AC	18	BN	ASSY	2	M94AD	18	BK	ASSY			
CAV	CIR	GAUGE	COLOR	TERM																																									
A	M9	18	GY	1651943C1																																									
B	M6	18	GY	1651943C1																																									
C	M40	18	GY	1651943C1																																									
CAV	CIR	GAUGE	COLOR	TERM																																									
1	M94AC	18	BN	ASSY																																									
2	M94AD	18	BK	ASSY																																									
<p><b>WABCO RIGHT FRONT AIR ABS WHEEL SPEED SENSOR (8507)</b></p>  <p>PURCHASED ASSEMBLY P/N 3519666C1</p> <table border="1"> <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>M94AE</td> <td>18</td> <td>BN</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>M94AF</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	M94AE	18	BN	ASSY	2	M94AF	18	BK	ASSY	<p><b>WABCO LEFT FRONT AIR ABS MODULATOR (8508)</b></p>  <p>PURCHASED ASSEMBLY P/N 3554539C1</p> <table border="1"> <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>M94AL</td> <td>14</td> <td>BL</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>M94AA</td> <td>14</td> <td>GN</td> <td>ASSY</td> </tr> <tr> <td>3</td> <td>M94AB</td> <td>14</td> <td>BN</td> <td>ASSY</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	M94AL	14	BL	ASSY	2	M94AA	14	GN	ASSY	3	M94AB	14	BN	ASSY			
CAV	CIR	GAUGE	COLOR	TERM																																									
1	M94AE	18	BN	ASSY																																									
2	M94AF	18	BK	ASSY																																									
CAV	CIR	GAUGE	COLOR	TERM																																									
1	M94AL	14	BL	ASSY																																									
2	M94AA	14	GN	ASSY																																									
3	M94AB	14	BN	ASSY																																									
<p><b>WABCO RIGHT FRONT AIR ABS MODULATOR (8509)</b></p>  <p>PURCHASED ASSEMBLY P/N 3554539C1</p> <table border="1"> <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>M94AH</td> <td>14</td> <td>BL</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>M94AJ</td> <td>14</td> <td>GN</td> <td>ASSY</td> </tr> <tr> <td>3</td> <td>M94AK</td> <td>14</td> <td>BN</td> <td>ASSY</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	M94AH	14	BL	ASSY	2	M94AJ	14	GN	ASSY	3	M94AK	14	BN	ASSY	<p><b>RADIATOR GROUND (8600)</b></p>  <p>CONNECTOR - 0587566C91 PLUG - 0587579C1</p> <table border="1"> <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						
CAV	CIR	GAUGE	COLOR	TERM																																									
1	M94AH	14	BL	ASSY																																									
2	M94AJ	14	GN	ASSY																																									
3	M94AK	14	BN	ASSY																																									
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																								
A	M11-GC	12	WH	1673747C1	0589390C1																																								
<p><b>TEMP SENDER (8601)</b></p>  <p>CONNECTOR - 3522068C1 PLUG - 1687788C1 LOCK - 1661874C1</p> <table border="1"> <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><b>A/C TRANSDUCER (8602)</b></p>  <p>CONNECTOR - 1678137C1</p> <table border="1"> <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
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																								
A	M41	18	GY	1661875C1	1661872C1																																								
B	M41A	18	GY	1661875C1	1661872C1																																								
CAV	CIR	GAUGE	COLOR	TERM																																									
A	M9	20	GY	1651943C1																																									
B	M6	20	GY	1651943C1																																									
C	M77	20	LT GN	1651943C1																																									
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	RELEASE NO.		DATE	PART NO.	SHEET																																		
PEC	19JAN01	PRODUCTION RELEASE.	A	P54304U	U00EDL2	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS																																							
PEC	25JUN01	ADDED 8503-8602.	B	P54634F	P52778H		31MAY00			AE08-52376	50																																		

**Figure 185 Connector Composites (8503), (8503A), (8505), (8506), (8507), (8508), (8509), (8600), (8601), (8602)**

12.51. CONNECTOR COMPOSITES (8700), (8701), (8800), (8801), (8802), (8803), (8805),  
P. 51

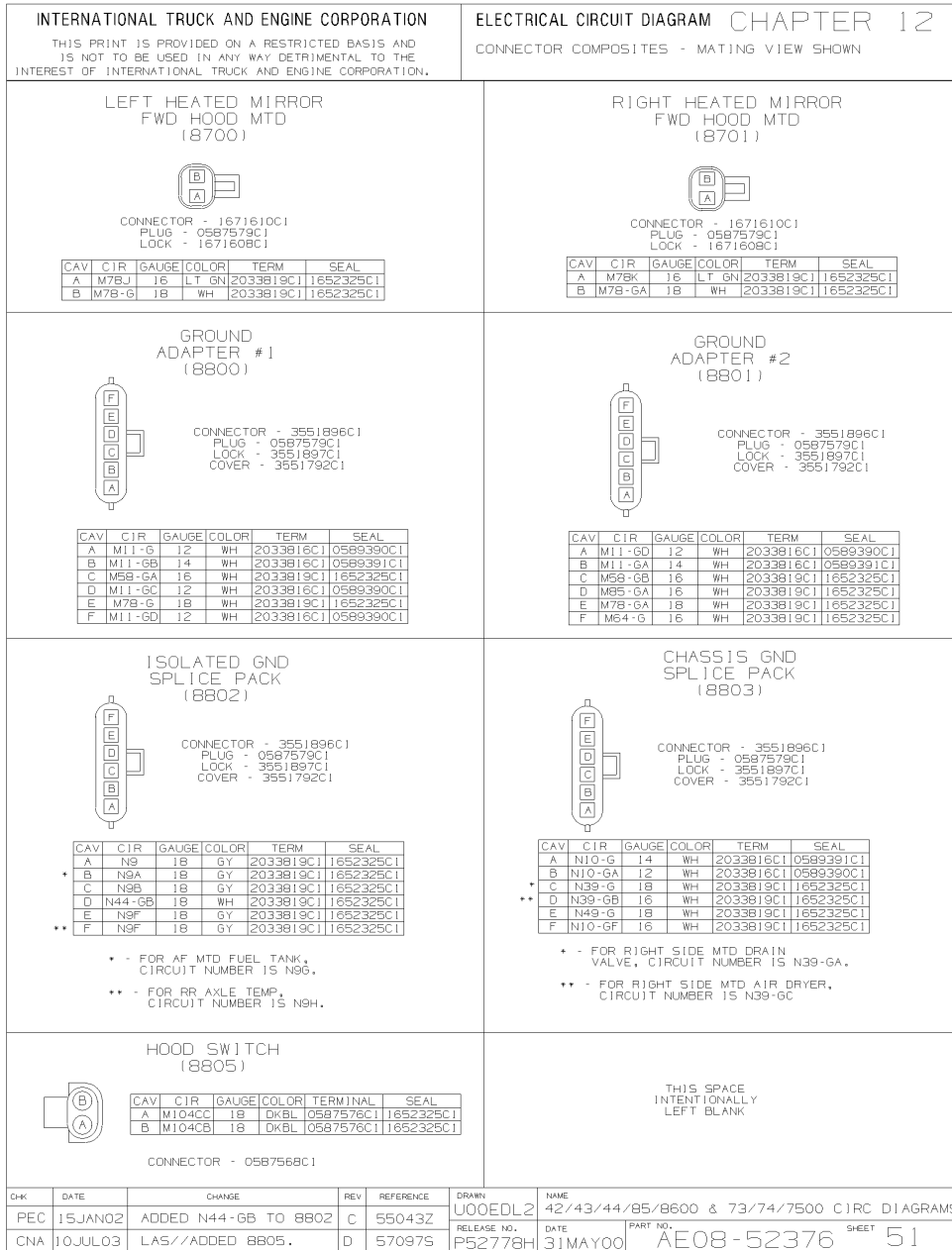













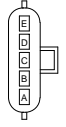
Figure 186 Connector Composites (8700), (8701), (8800), (8801), (8802), (8803), (8805)

**12.52. CONNECTOR COMPOSITES (9001), (9002), (9100), (9101), (9102), (9103), (9104), (9254), (9255), P. 52**



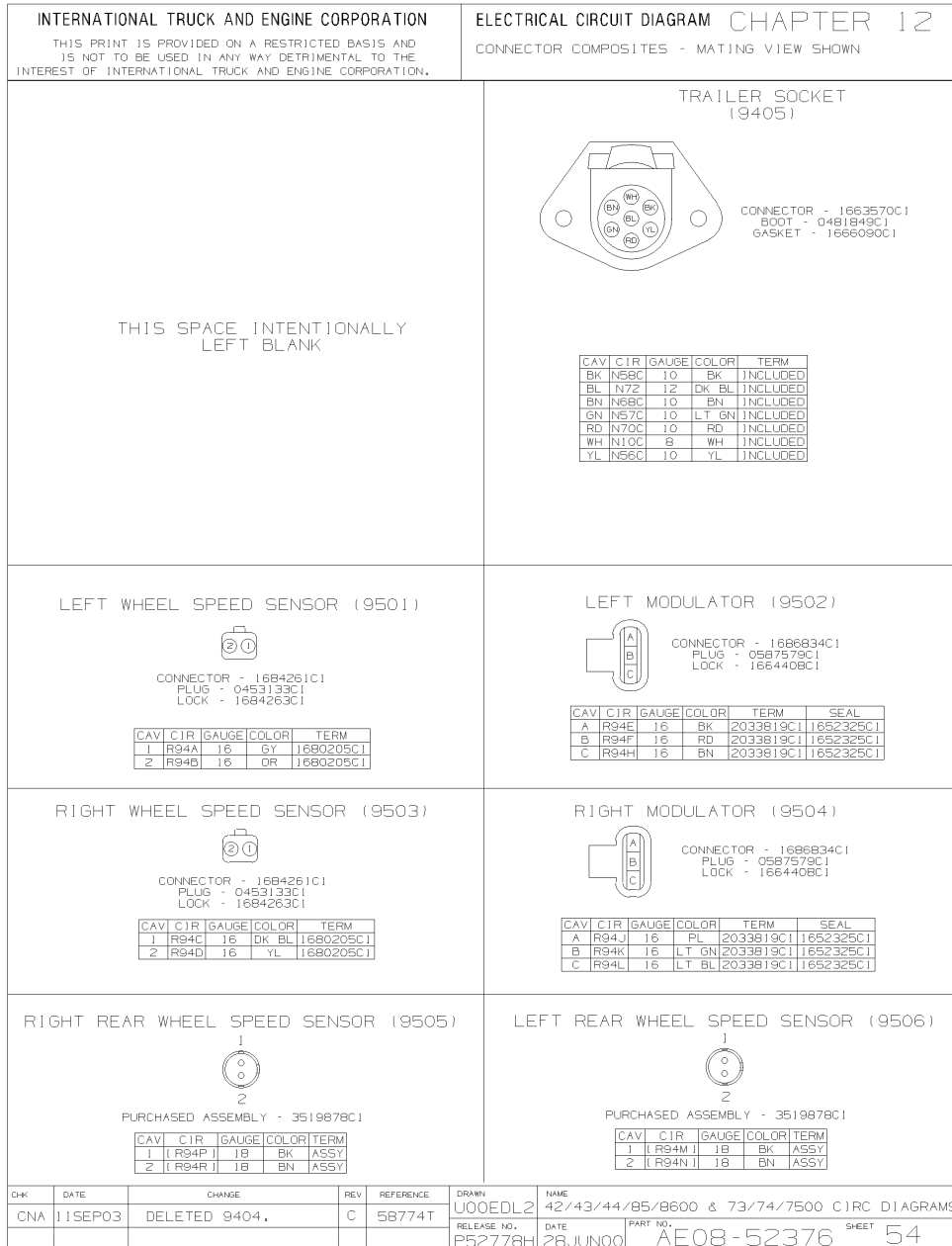
**Figure 187 Connector Composites (9001), (9002), (9100), (9101), (9102), (9103), (9104), (9254), (9255)**

**12.53. CONNECTOR COMPOSITES (9260), (9261), (9262), (9263), (9264), (9265), (9303A), P. 53**

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			
<b>BATT ECM NEGATIVE CONN (9260)</b>							
			CONNECTOR - 2031522C1 PLUG - 2025432C1 LOCK - 2033927C1				
			CONNECTOR - 2031520C1 PLUG - 2025432C1 LOCK - 2033927C1				
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	N97-G	10	WH	2031531C1	2025426C1		
B	N92-G	10	WH	2031531C1	2025426C1		
<b>BATT ECM POSITIVE CONN (9261)</b>							
			CONNECTOR - 2031522C1 PLUG - 2025432C1 LOCK - 2033927C1				
			CONNECTOR - 2031520C1 PLUG - 2025432C1 LOCK - 2033927C1				
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	N14BA	10	RD	2031531C1	2025426C1		
B	N14BB	10	RD	2031531C1	2025426C1		
<b>AMMETER (9262) (LOCATED AT BATTERY)</b>							
			CONNECTOR - 1664531C1 LOCK - 1675053C1				
			CONNECTOR - 1669834C1 LOCK - 1675053C1				
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	N26B	14	TN	2033816C1	589390C1		
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	N26B	10	TN	1687848C1	589390C1		
<b>2-WAY RADIO NEGATIVE CONNECTION (9263) (LOCATED IN BATTERY BOX)</b>							
			CONNECTOR - 1664531C1 LOCK - 1675053C1				
			CONNECTOR - 1669834C1 LOCK - 1675053C1				
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	N14-GD	10	WH	1687847C1	589390C1		
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	N14-GD	10	WH	1687848C1	589390C1		
<b>2-WAY RADIO POSITIVE CONNECTION (9264) (LOCATED IN BATTERY BOX)</b>							
			CONNECTOR - 1664531C1 LOCK - 1675053C1				
			CONNECTOR - 1669834C1 LOCK - 1675053C1				
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	N14HC	10	RD	1687847C1	589390C1		
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	N14HC	10	RD	1687848C1	589390C1		
<b>2-WAY RADIO FEED FUSE CONNECTOR (9265) (LOCATED IN BATTERY BOX)</b>							
			CONNECTOR - 3512967C1 PLUG - 453133C1				
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	N14HB	10	RD	1661708C1	N/A		
B	N14HC	10	RD	1661708C1	N/A		
<b>STOP TAIL AND TURN (9303A)</b>							
			CONNECTOR - 1661375C2 PLUG - 0587579C1 LOCK - 1661376C1				
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	R71	14	OR	2033816C1	0589391C1		
B	R56	14	OR	2033816C1	0589391C1		
C	R57	14	OR	2033816C1	0589391C1		
D	R68	14	BN	2033816C1	0589391C1		
E	R10-G	12	WH	2033816C1	0589390C1		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
PEC	15JAN01	PRODUCTION RELEASE.	A	P54304U	U00EDL2	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS	
PEC	25JUN01	ADDED 9260-9303A.	B	P54634F	P52778H	DATE: 28JUN00 PART NO: AE08-52376 SHEET 53	

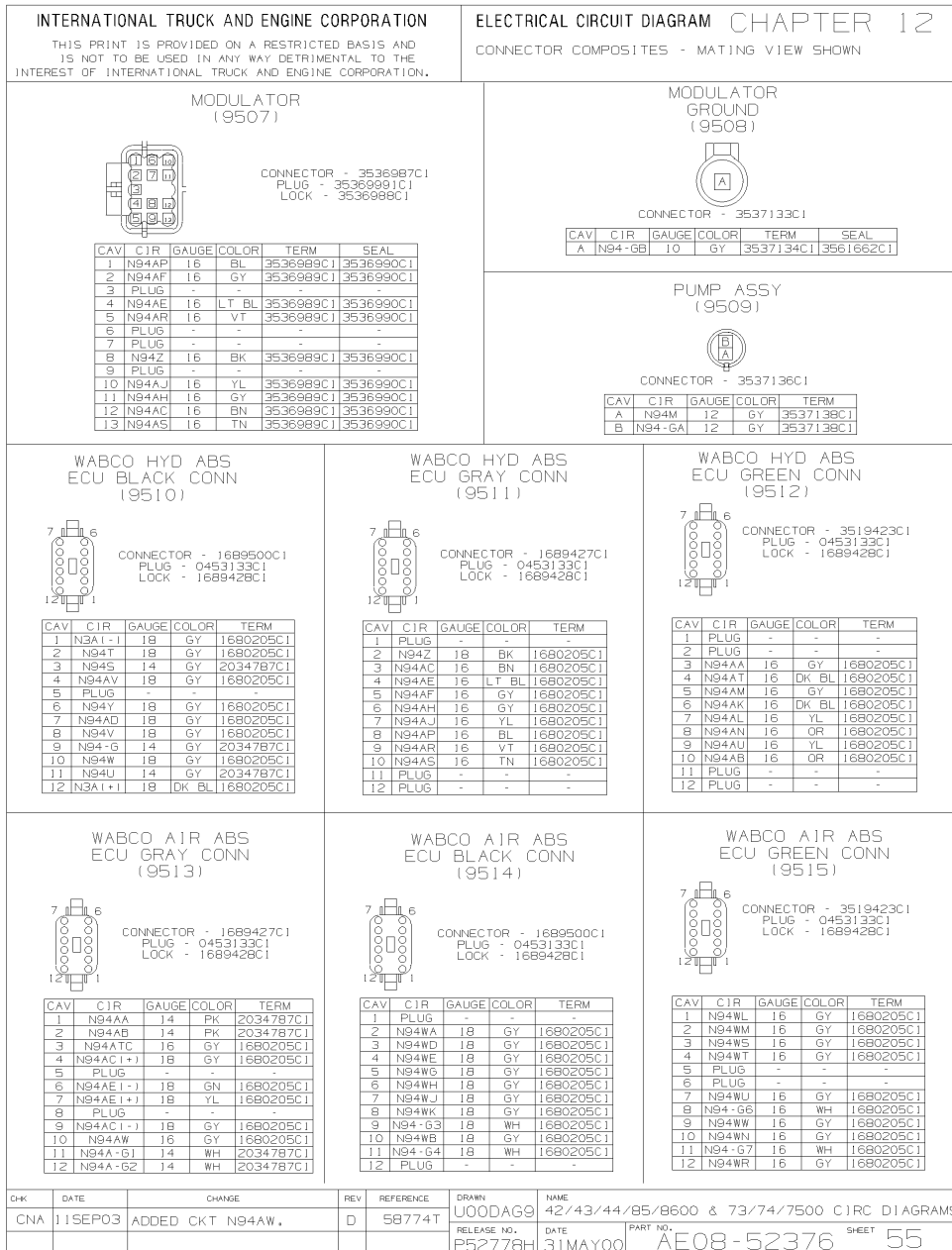
**Figure 188 Connector Composites (9260), (9261), (9262), (9263), (9264), (9265), (9303A)**

**12.54. CONNECTOR COMPOSITES (9405), (9501), (9502), (9503), (9504), (9505), (9506),  
P. 54**



**Figure 189 Connector Composites (9405), (9501), (9502), (9503), (9504), (9505), (9506)**

**12.55. CONNECTOR COMPOSITES (9507), (9508), (9509), (9510), (9511), (9512), (9513), (9514), (9515), P. 55**



**Figure 190 Connector Composites (9507), (9508), (9509), (9510), (9511), (9512), (9513), (9514), (9515)**

12.56. CONNECTOR COMPOSITES (9516), (9517), (9518), (9519), P. 56

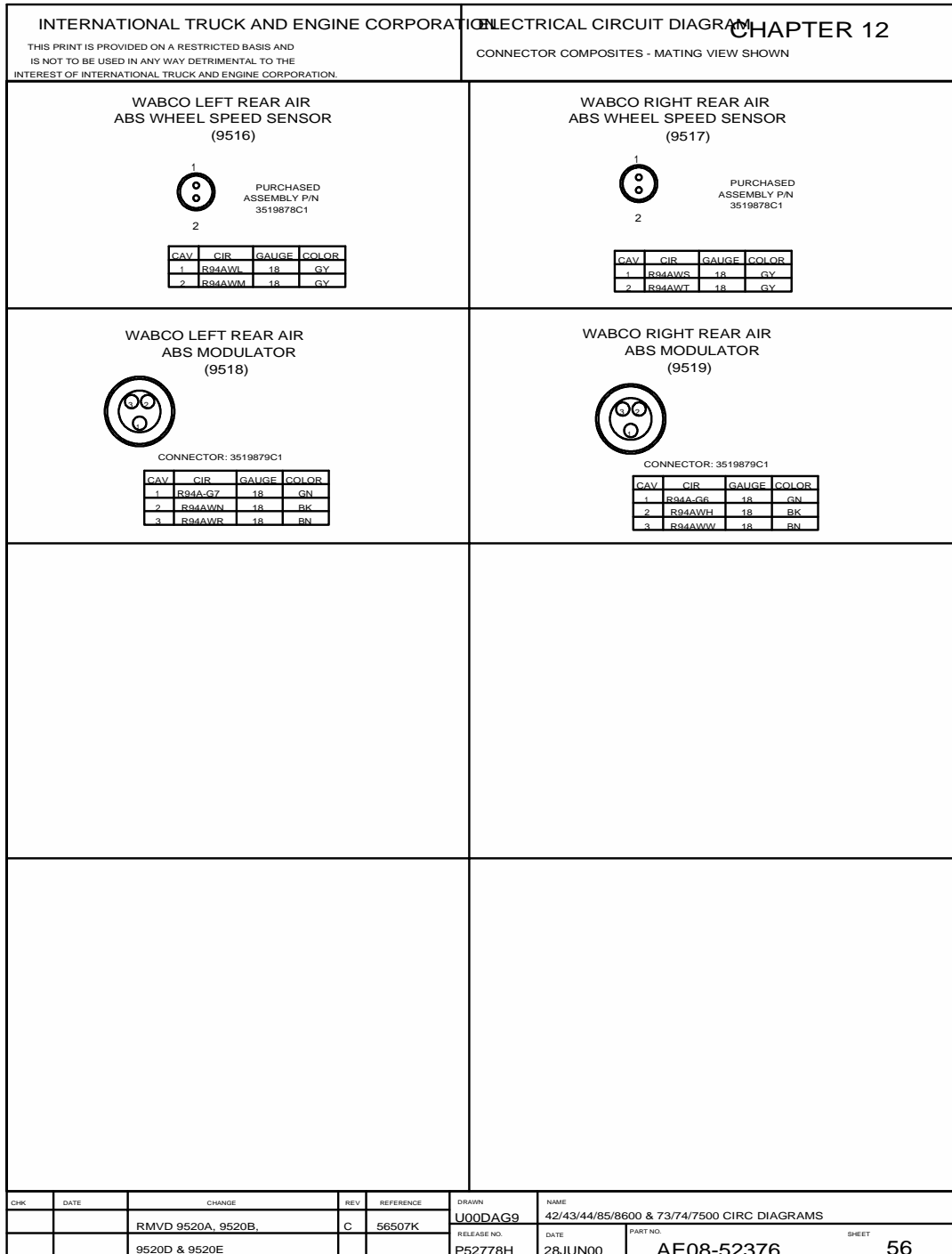


Figure 191 Connector Composites (9516), (9517), (9518), (9519)



12.57. CONNECTOR COMPOSITE (9700), P. 57

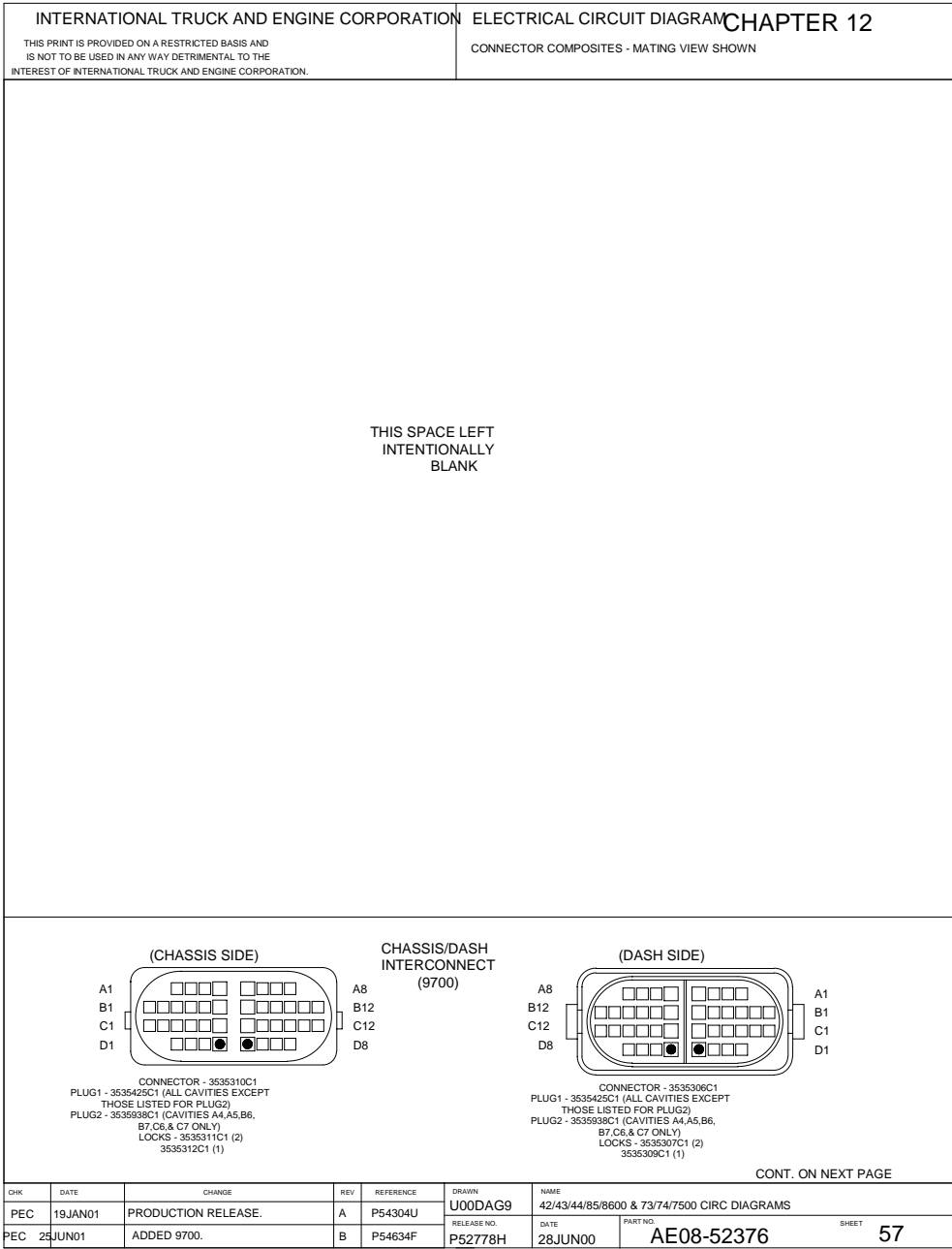


Figure 192 Connector Composite (9700)

12.58. CONNECTOR COMPOSITE (9700), P. 58

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		
(CHASSIS SIDE)							CHASSIS/DASH INTERCONNECT (9700)		
CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES			
A1	N32A	18	TN	3535305C1	3535424C1				
A1	N104CA	16	DK BL	3535305C1	3535424C1	W/REMOTE START/STOP			
A2	N32	18	TN	3535305C1	3535424C1				
A2	N58CA	16	GY	3535305C1	3535424C1	W/REMOTE START/STOP			
A3	N94A	16	GY	3535305C1	3535424C1	W/AIR ABS			
A3	N94AM	16	GY	3535305C1	3535424C1	W/HYD ABS			
A3	N94WJ	18	GY	3535305C1	3535310C1	W/WABCO AIR			
A4	N71	14	OR	3535934C1	3535937C1				
A5	N56	14	OR	3535934C1	3535937C1				
A6	N94B	16	OR	3535305C1	3535424C1	W/AIR ABS			
A6	N94AN	16	OR	3535305C1	3535424C1	W/HYD ABS			
A6	N94WK	18	GY	3535305C1	3535310C1	W/WABCO AIR			
A7	N94C	16	DK BL	3535305C1	3535424C1	W/AIR ABS			
A7	N94AT	16	DK BL	3535305C1	3535424C1	W/HYD ABS			
A7	N94WG	18	GY	3535305C1	3535310C1	W/WABCO AIR			
A8	N94D	16	YL	3535305C1	3535424C1	W/AIR ABS			
A8	N94AU	16	YL	3535305C1	3535424C1	W/HYD ABS			
A8	N94WH	18	GY	3535305C1	3535310C1	W/WABCO AIR			
B1	N94E	16	BK	3535305C1	3535424C1	W/AIR ABS			
B1	N94T	18	GY	3535305C1	3535424C1	W/HYD ABS			
B1	N94WA	18	GY	3535305C1	3535310C1	W/WABCO AIR			
B2	N94F	16	RD	3535305C1	3535424C1	W/AIR ABS			
B2	N94AD	18	GY	3535305C1	3535424C1	W/HYD ABS			
B2	N94-G4	18	WH	3535305C1	3535310C1	W/WABCO AIR			
B3	N94H	16	BN	3535305C1	3535424C1	W/AIR ABS			
B3	N94Y	18	GY	3535305C1	3535424C1	W/HYD ABS			
B3	N94WB	18	GY	3535305C1	3535310C1	W/WABCO AIR			
B4	N94J	16	PL	3535305C1	3535424C1	W/AIR ABS			
B4	N94WE	18	GY	3535305C1	3535310C1	W/WABCO AIR			
B5	N94K	16	LT GN	3535305C1	3535424C1	W/AIR ABS			
B5	N94V	18	GY	3535305C1	3535424C1	W/HYD ABS			
B5	N94-G3	18	WH	3535305C1	3535310C1	W/WABCO AIR			
B6	N57	14	OR	3535934C1	3535937C1				
B7	N88	14	BN	3535934C1	3535937C1				
B8	N94L	16	LT BL	3535305C1	3535424C1				
B8	N44N	18	GY	3535305C1	3535424C1				
B8	N94WD	18	GY	3535305C1	3535310C1	W/WABCO AIR			
B9	N59-GA	18	WH	3535305C1	3535310C1				
B9	N19	16	GY	3535305C1	3535424C1				
B9	N18A	18	GY	3535305C1	3535424C1				
B9	N44M	18	GY	3535305C1	3535424C1				
B10	N59J	18	GY	3535305C1	3535424C1				
B10	N59U	18	GY	3535305C1	3535424C1				
B11	••	18	TN	3535305C1	3535424C1				
B12	••	16	GY	3535305C1	3535424C1				
C1	N59K	18	GY	3535305C1	3535424C1				
C1	N59V	18	GY	3535305C1	3535424C1				
C2	N59L	18	GY	3535305C1	3535424C1				
C2	N59W	18	GY	3535305C1	3535424C1				
C3	N94BD	16	BN	3535305C1	3535424C1	W/AIR ABS			
C3	N94(-)	18	GY	3535305C1	3535424C1	W/HYD ABS			
C3	N94C(+)	18	GY	3535305C1	3535310C1	W/WABCO AIR			
C4	N94BE	16	YL	3535305C1	3535424C1	W/AIR ABS			
C4	N94I(+)	18	DK BL	3535305C1	3535424C1	W/HYD ABS			
C4	N94C(-)	18	GY	3535305C1	3535310C1	W/WABCO AIR			
C5	N59M	18	GY	3535305C1	3535424C1				
C5	N59X	18	GY	3535305C1	3535424C1				
C6	N10-G	14	WH	3535934C1	3535937C1				
C7	N59H	14	GY	3535934C1	3535937C1				
C7	N59T	14	GY	3535934C1	3535937C1				
C8	•••	18	GY	3535305C1	3535424C1				
C9	N59J	16	OR	3535305C1	3535424C1				
C9	N97D	18	TN	3535305C1	3535424C1				
C10	••••	18	TN	3535305C1	3535424C1				
C11	PLUG	-	-	-	-				
C12	N49A	18	GY	3535305C1	3535424C1				
D1	N49B	18	GY	3535305C1	3535424C1				
D2	N87BB	18	GY	3535305C1	3535424C1				
D2	N87DB	18	GY	3535305C1	3535424C1				
D3	N87KB	18	GY	3535305C1	3535424C1				
D3	N87MB	18	GY	3535305C1	3535424C1				
D6	N87CA	18	GY	3535305C1	3535424C1				
D6	N87EA	18	GY	3535305C1	3535424C1				
D7	N71N	18	OR	3535305C1	3535424C1				
D7	N19-G	18	WH	3535305C1	3535424C1				
D7	N19-GA	18	WH	3535305C1	3535424C1				
D8	N9	18	GY	3535305C1	3535424C1				

CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES
A1	J32	18	TN	3535303C1	3535424C1	
A1	J104C	18	DK BL	3535303C1	3535424C1	W/REMOTE START/STOP
A2	J32A	18	TN	3535303C1	3535424C1	
A2	J59	18	GY	3535930C1	3535936C1	W/REMOTE START/STOP
A3	J94AB	18	GY	3535303C1	3535424C1	W/AIR ABS
A3	J94HM	18	GY	3535303C1	3535424C1	W/HYD ABS
A4	J71A	18	OR	3535930C1	3535936C1	
A5	J56B	16	OR	3535930C1	3535936C1	
A6	J94AA	18	OR	3535303C1	3535424C1	W/AIR ABS
A6	J94HN	18	OR	3535303C1	3535424C1	W/HYD ABS
A7	J94AL	18	DK BL	3535303C1	3535424C1	W/AIR ABS
A7	J94HT	18	DK BL	3535303C1	3535424C1	W/HYD ABS
A8	J94AK	18	YL	3535303C1	3535424C1	W/AIR ABS
A8	J94HU	18	YL	3535303C1	3535424C1	W/HYD ABS
B1	J94AC	18	BK	3535303C1	3535424C1	W/AIR ABS
B1	J94HD	18	GY	3535303C1	3535424C1	W/HYD ABS
B2	J94AD	18	RD	3535303C1	3535424C1	W/AIR ABS
B2	J94HV	18	GY	3535303C1	3535424C1	W/HYD ABS
B3	J94AE	18	BN	3535303C1	3535424C1	W/AIR ABS
B3	J94HX	18	GY	3535303C1	3535424C1	W/HYD ABS
B4	J94AF	18	FL	3535303C1	3535424C1	W/AIR ABS
B5	J94HP	18	LT GN	3535303C1	3535424C1	W/AIR ABS
B6	J57B	16	OR	3535303C1	3535424C1	W/HYD ABS
B7	J57B	16	OR	3535930C1	3535936C1	
B7	J88B	14	BN	3535931C1	3535937C1	
B8	J94AJ	18	GY	3535303C1	3535424C1	
B8	J44N	16	GY	3535303C1	3535424C1	
B9	N59-GA	18	WH	3535303C1	3535424C1	
B9	J44M	18	GY	3535303C1	3535424C1	
B10	J59A	18	GY	3535303C1	3535424C1	
B11	J98A	18	TN	3535303C1	3535424C1	
B12	J98A	16	GY	3535303C1	3535424C1	
C1	J59B	18	GY	3535303C1	3535424C1	
C2	J59C	18	GY	3535303C1	3535424C1	
C3	J94ATC	18	GY	3535303C1	3535424C1	W/AIR ABS
C3	J3C(-)	18	GY	3535303C1	3535424C1	W/HYD ABS
C4	J94ATR	18	GY	3535303C1	3535424C1	W/AIR ABS
C4	J3C(+)	18	DK BL	3535303C1	3535424C1	W/HYD ABS
C5	J59D	18	GY	3535303C1	3535424C1	
C6	J11-GA	14	WH	3535931C1	3535937C1	
C7	J59E	14	GY	3535931C1	3535937C1	
C8	J98B	16	GY	3535303C1	3535424C1	
C9	J37	18	TN	3535303C1	3535424C1	
C10	J36B	18	TN	3535303C1	3535424C1	
C11	PLUG	-	-	-	-	
C12	J49A	18	GY	3535303C1	3535424C1	
D1	J49B	18	GY	3535303C1	3535424C1	
D2	J87BB	18	GY	3535303C1	3535424C1	
D3	J87KB	16	GY	3535303C1	3535424C1	
D6	J87CA	18	GY	3535303C1	3535424C1	
D7	J71N	18	OR	3535303C1	3535424C1	
D8	J9G	18	GY	3535303C1	3535424C1	

- \* - FOR LEFT SIDE MTD FUEL TANKS, CIR NUM IS N36;  
FOR RIGHT SIDE MTD FUEL TANKS, CIR NUM IS N38A;  
FOR DUAL FUEL TANKS, CIR NUM IS N36B;  
FOR AF MTD FUEL TANKS, CIR NUM IS N36C;
- - FOR LEFT SIDE MTD AIR DRYERS, CIR NUM IS N39B;  
FOR RIGHT SIDE MTD AIR DRYERS, CIR NUM IS N39C;
- - FOR LEFT SIDE MTD DRAIN VALVES, CIR NUM IS N38;  
FOR RIGHT SIDE MTD DRAIN VALVES, CIR NUM IS N38A;
- - FOR SINGLE TANK, CIR NUM IS N36;  
FOR DUAL TANKS, CIR NUM IS N36H;

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
		ADDED CIRC EACH CHART	A	56507K	UOODLCK	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS
CNA	10JUL03	LAS/MULTIPLE CHANGES	B	57097S	P54634F	DATE 14JUN01 PART NO. AE08-52376 SHEET 58

Figure 193 Connector Composite (9700)

12.59. CONNECTOR COMPOSITES (9715), (9715A), (9715B), P. 59

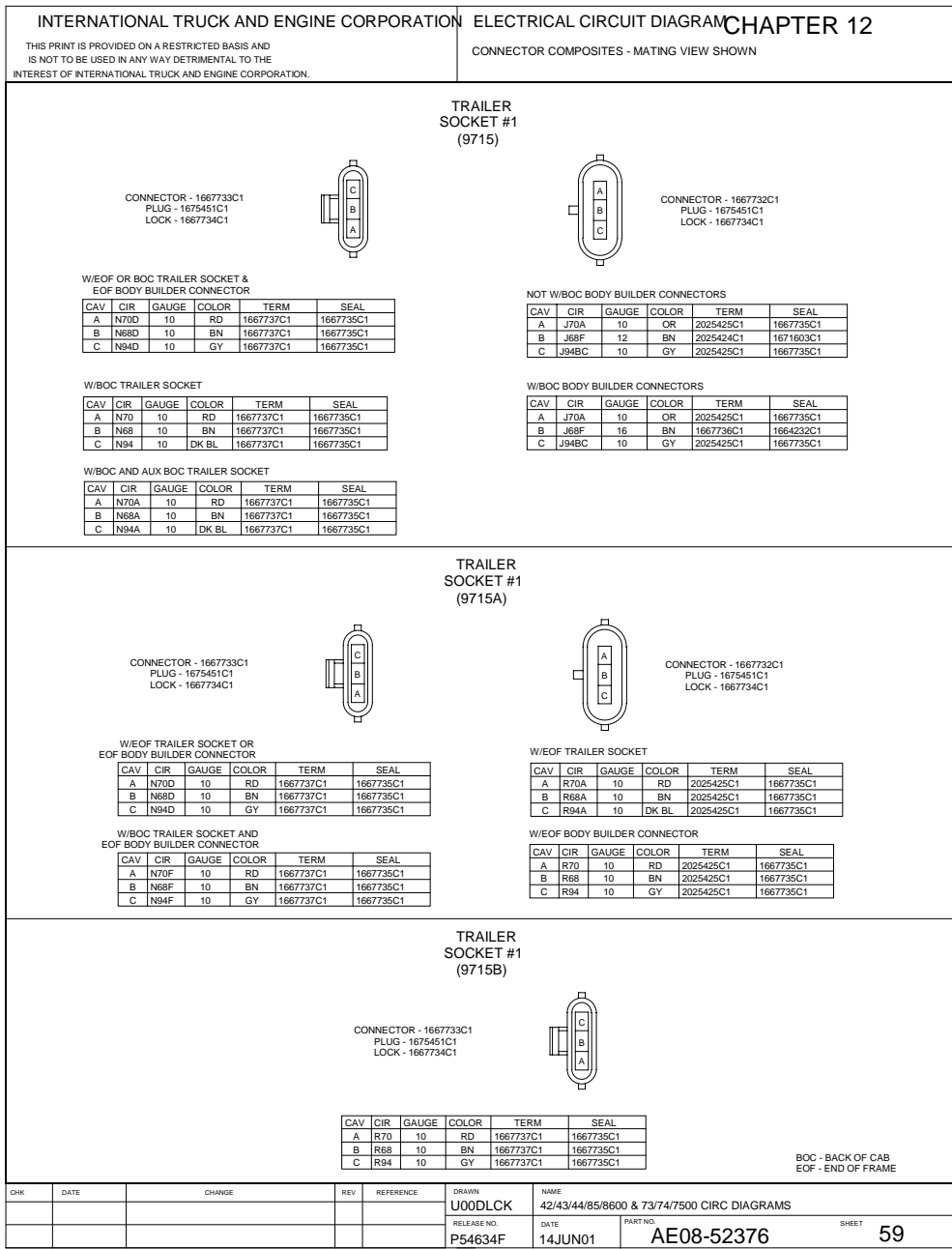


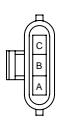
Figure 194 Connector Composites (9715), (9715A), (9715B)

12.60. CONNECTOR COMPOSITES (9716), (9716A), (9716B), P. 60

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	

**TRAILER SOCKET #2 (9716)**



CONNECTOR - 1667733C1  
PLUG - 1675451C1  
LOCK - 1667734C1

NOT W/BOC BODY BUILDER CONNECTORS

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	J58F	12	BN	1667737C1	1671603C1
B	J56C	12	OR	1667737C1	1671603C1
C	J57C	12	OR	1667737C1	1671603C1

W/BOC BODY BUILDER CONNECTORS

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	J58F	16	BN	1667738C1	1664232C1
B	J56C	12	OR	1667737C1	1671603C1
C	J57C	12	OR	1667737C1	1671603C1

W/EOF OR BOC TRAILER SOCKET & EOF BODY BUILDER CONNECTOR

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

W/BOC TRAILER SOCKET

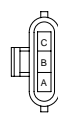
CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	N58	10	BK	2025425C1	1667735C1
B	N56	10	YL	2025425C1	1667735C1
C	N57	10	LT GN	2025425C1	1667735C1

W/BOC AND AUX BOC TRAILER SOCKET

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

**TRAILER SOCKET #2 (9716A)**



CONNECTOR - 1667733C1  
PLUG - 1675451C1  
LOCK - 1667734C1

W/EOF TRAILER SOCKET

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	R58A	10	BK	1667737C1	1667735C1
B	R56A	10	YL	1667737C1	1667735C1
C	R57A	10	LT GN	1667737C1	1667735C1

W/EOF BODY BUILDER CONNECTOR

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	R58	10	BN	1667737C1	1667735C1
B	R56	10	YL	1667737C1	1667735C1
C	R57	10	LT GN	1667737C1	1667735C1

W/EOF TRAILER SOCKET OR EOF BODY BUILDER CONNECTOR

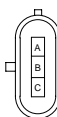
CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	N58D	10	BN	2025425C1	1667735C1
B	N56D	10	YL	2025425C1	1667735C1
C	N57D	10	LT GN	2025425C1	1667735C1

W/BOC TRAILER SOCKET AND EOF BODY BUILDER CONNECTOR

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	N58F	10	BK	2025425C1	1667735C1
B	N56F	10	YL	2025425C1	1667735C1
C	N57F	10	LT GN	2025425C1	1667735C1

**TRAILER SOCKET #2 (9716B)**



CONNECTOR - 1667732C1  
PLUG - 1675451C1  
LOCK - 1667734C1

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

BOC - BACK OF CAB  
EOF - END OF FRAME

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	RELEASE NO.	DATE	PART NO.	SHEET
					U00DLCK	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS	P54634F	14JUN01	AE08-52376	60

Figure 195 Connector Composites (9716), (9716A), (9716B)

12.61. CONNECTOR COMPOSITES (9717A), (9717B), P. 61

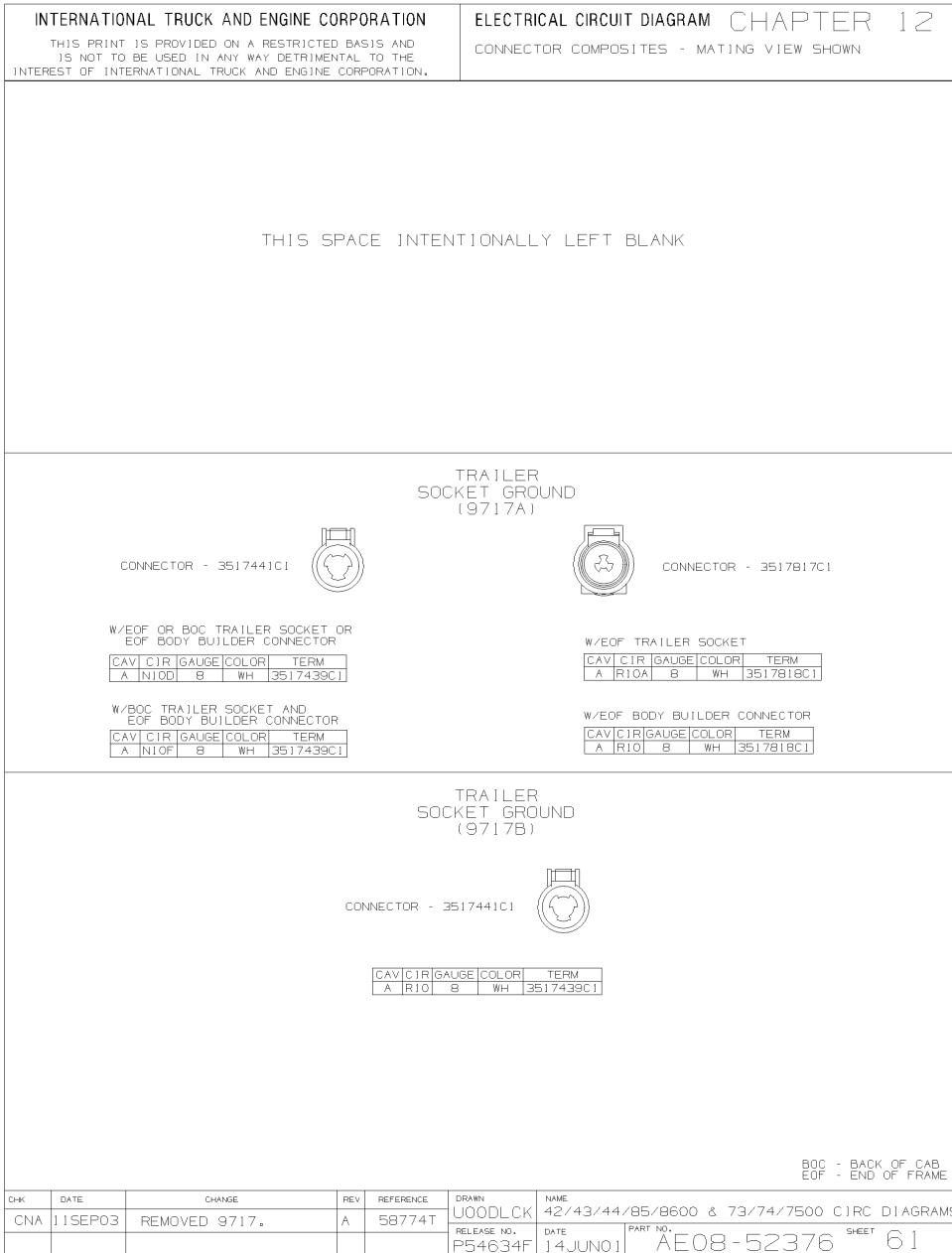
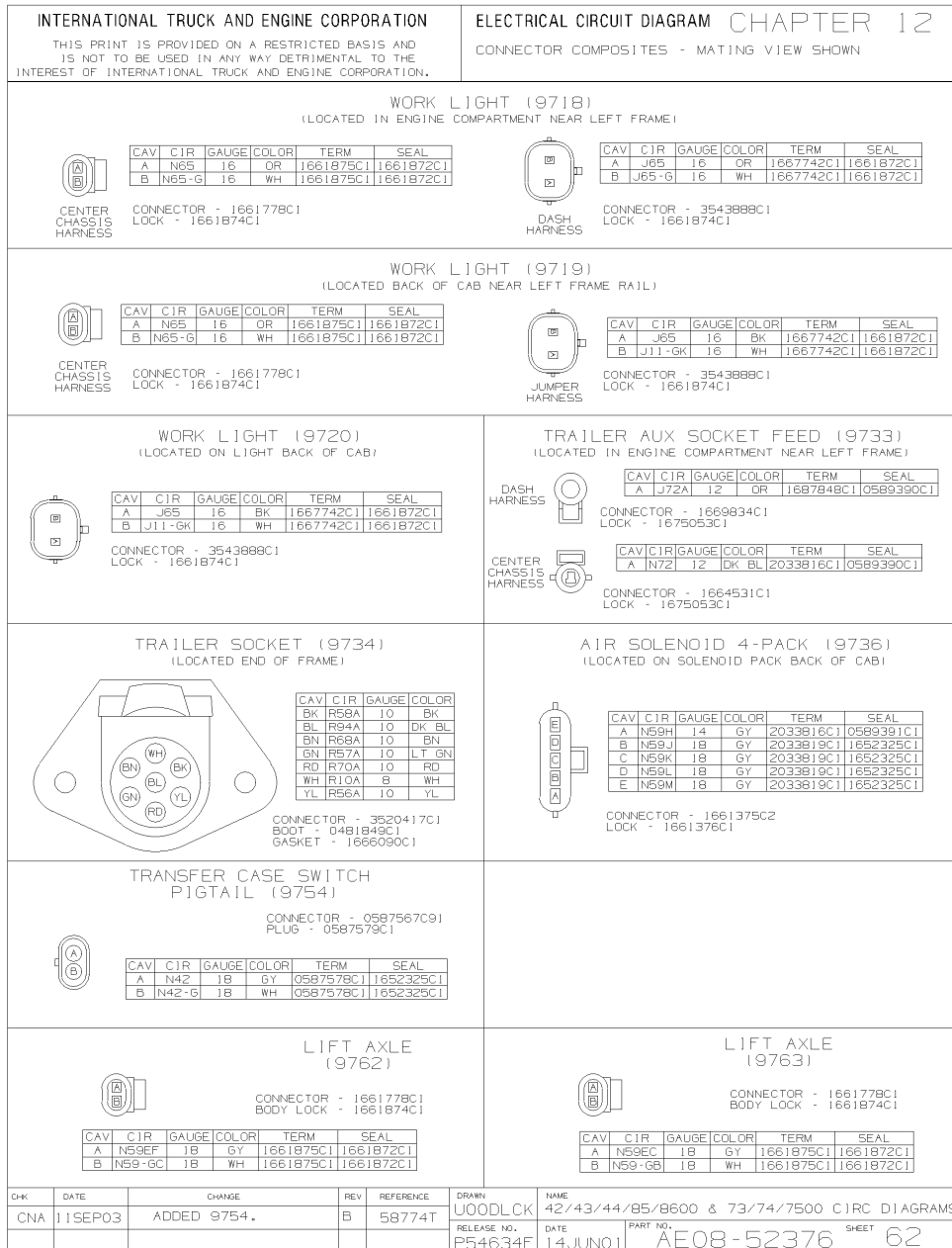


Figure 196 Connector Composites (9717A), (9717B)

**12.62. CONNECTOR COMPOSITES (9718), (9719), (9720), (9733), (9734), (9736), (9754), (9762), (9763), P. 62**



**Figure 197 Connector Composites (9718), (9719), (9720), (9733), (9734), (9736), (9754), (9762), (9763)**

12.63. CONNECTOR COMPOSITES (9777), (9778), (9800), P. 63

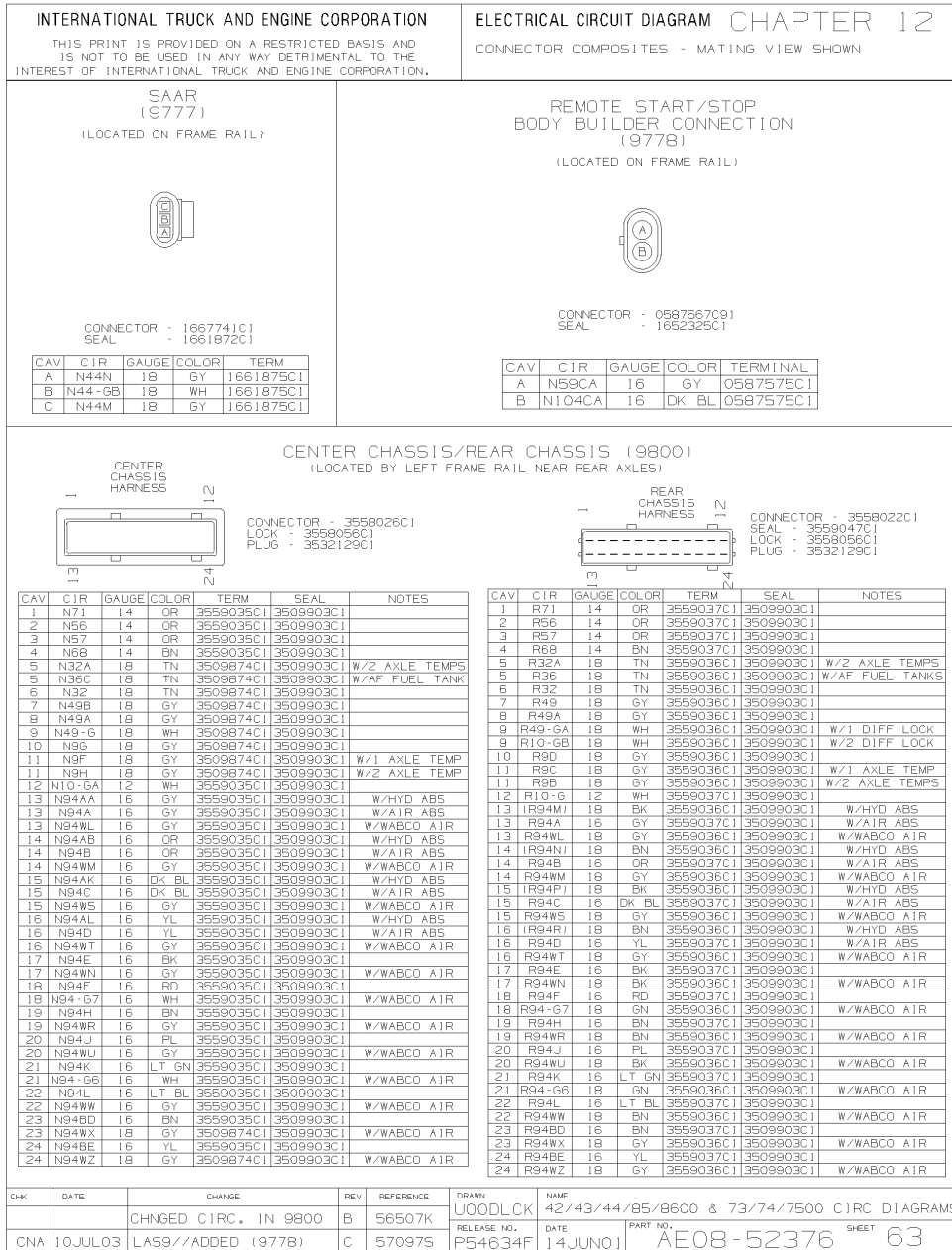
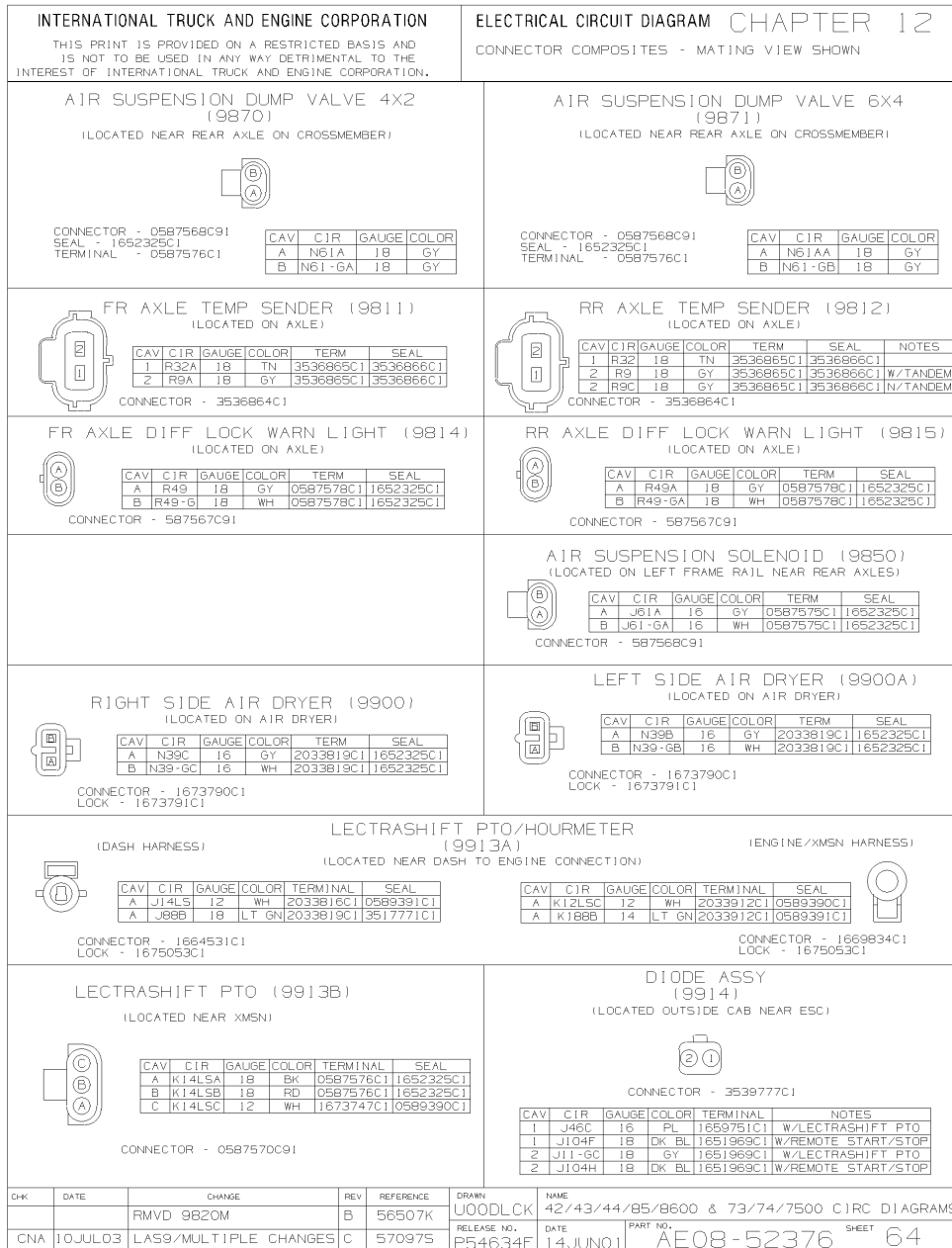


Figure 198 Connector Composites (9777), (9778), (9800)

**12.64. CONNECTOR COMPOSITES (9870), (9871), (9811), (9812), (9814), (9815), (9850), (9900), (9900A), (9913A), (9913B), (9914), P. 64**



**Figure 199 Connector Composites (9870), (9871), (9811), (9812), (9814), (9815), (9850), (9900), (9900A), (9913A), (9913B), (9914)**



12.65. CONNECTOR COMPOSITES (4100), (4109), (4112), (6502), (7107), (7208), (7615),  
P. 65

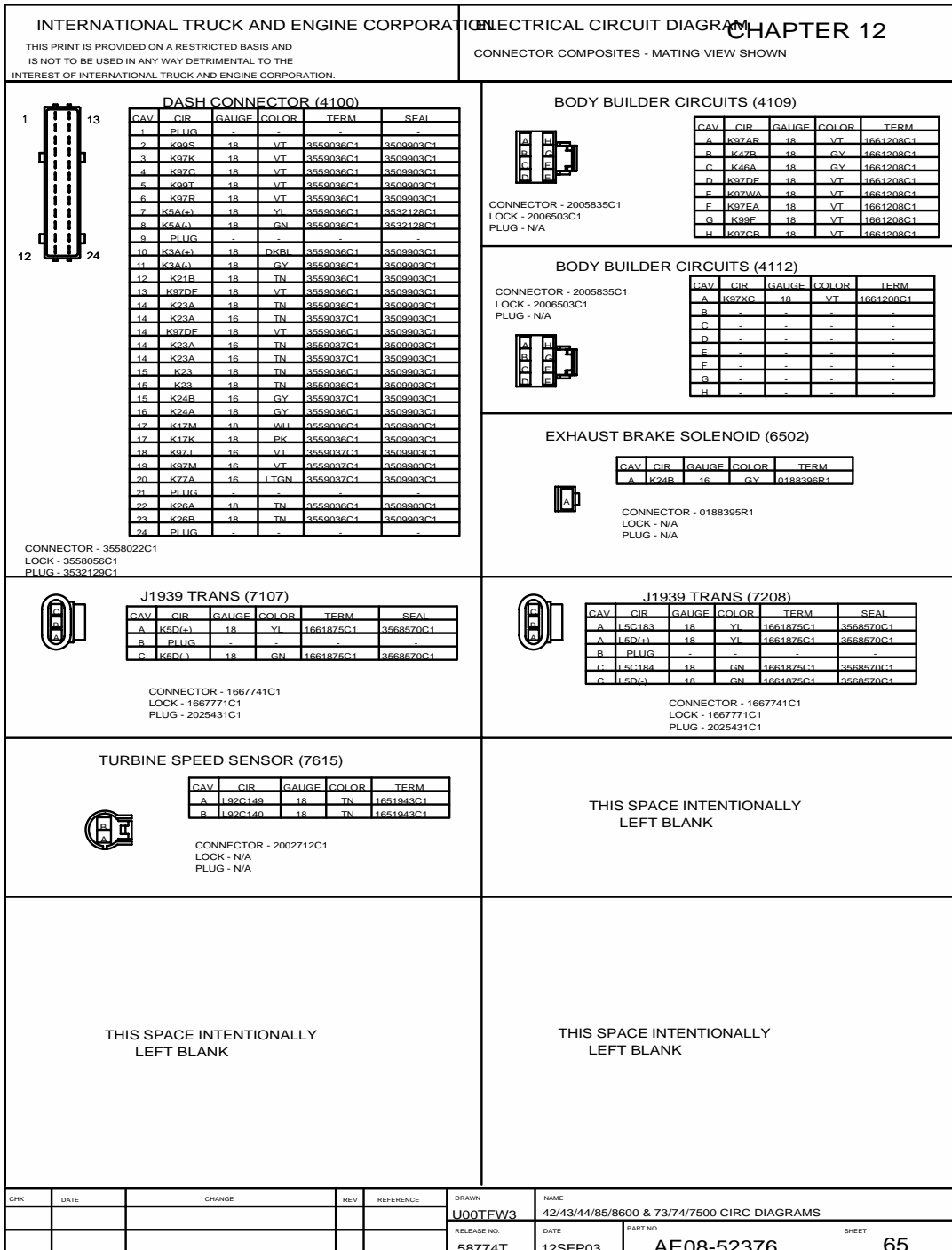


Figure 200 Connector Composites (4100), (4109), (4112), (6502), (7107), (7208), (7615)