

CONNECTOR COMPOSITES (CHAPTER 12)

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

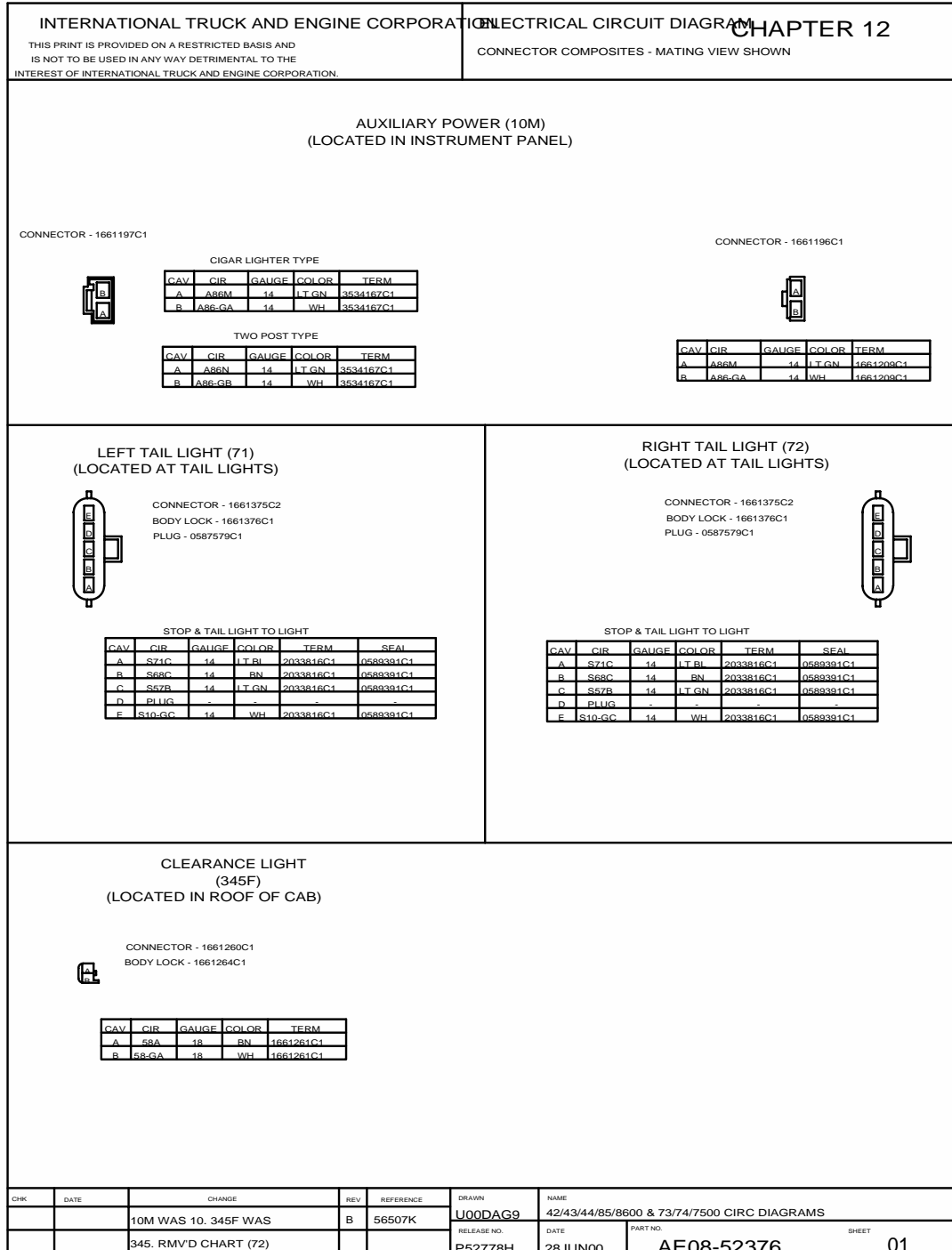


Figure 143 Connector Composites (10M), (71), (72), (345F)

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








INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																																																																																																		
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Figure 144 Connector Composites (420F), (420M), (520), (521), (522), (523), (524)

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

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<p style="text-align: center;">PANEL LIGHT ADAPTER (1002) (LOCATED IN INSTRUMENT PANEL)</p> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <table border="1" style="font-size: x-small; 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>A62N</td><td>16</td><td>DK BL</td><td>1661209C1</td></tr> <tr><td>B</td><td>A62L</td><td>18</td><td>DK BL</td><td>1661208C1</td></tr> <tr><td>S</td><td>A62J</td><td>18</td><td>DK BL</td><td>1661208C1</td></tr> <tr><td>C</td><td>A62P</td><td>18</td><td>LT BL</td><td>1661208C1</td></tr> <tr><td>D</td><td>A62D</td><td>18</td><td>DK BL</td><td>1661208C1</td></tr> <tr><td>E</td><td>A62R</td><td>18</td><td>DK BL</td><td>1661208C1</td></tr> <tr><td>F</td><td>A21B</td><td>16</td><td>TN</td><td>1661209C1</td></tr> <tr><td>G</td><td>A62F</td><td>18</td><td>DK BL</td><td>1661208C1</td></tr> <tr><td>H</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>J</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>K</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> </div> <p style="font-size: x-small;">CONNECTOR - 2007315C1</p> <p style="font-size: x-small;">NOTE: A62L USED WITH WTEC TRANSMISSION A62J USED WITH EATON AUTO SHIFT</p>				CAV	CIR	GAUGE	COLOR	TERM	A	A62N	16	DK BL	1661209C1	B	A62L	18	DK BL	1661208C1	S	A62J	18	DK BL	1661208C1	C	A62P	18	LT BL	1661208C1	D	A62D	18	DK BL	1661208C1	E	A62R	18	DK BL	1661208C1	F	A21B	16	TN	1661209C1	G	A62F	18	DK BL	1661208C1	H	-	-	-	-	J	-	-	-	-	K	-	-	-	-	<p style="text-align: center;">GROUND ADAPTER (1003) (LOCATED IN INSTRUMENT PANEL)</p> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <table border="1" style="font-size: x-small; 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>A11-GAL</td><td>12</td><td>WH</td><td>1661211C1</td></tr> <tr><td>S</td><td>A11-GBA</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>C</td><td>A62-GC</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>D</td><td>A62-GD</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>E</td><td>A23-GA</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>F</td><td>A11-GDY</td><td>12</td><td>WH</td><td>1661211C1</td></tr> <tr><td>G</td><td>A11-GDY</td><td>12</td><td>WH</td><td>1661211C1</td></tr> <tr><td>H</td><td>A62-GF</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>I</td><td>A21-G</td><td>16</td><td>WH</td><td>1661208C1</td></tr> <tr><td>J</td><td>A41-G</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>K</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> </div> <p style="font-size: x-small;">CONNECTOR - 2007315C1</p> <p style="font-size: x-small;">NOTE: A62-GC USED WITH LCT TRANSMISSIONS A62-GD USED WITH WTEC TRANSMISSIONS</p>				CAV	CIR	GAUGE	COLOR	TERM	A	A11-GAL	12	WH	1661211C1	S	A11-GBA	18	WH	1661208C1	C	A62-GC	18	WH	1661208C1	D	A62-GD	18	WH	1661208C1	E	A23-GA	18	WH	1661208C1	F	A11-GDY	12	WH	1661211C1	G	A11-GDY	12	WH	1661211C1	H	A62-GF	18	WH	1661208C1	I	A21-G	16	WH	1661208C1	J	A41-G	18	WH	1661208C1	K	-	-	-	-
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<p style="text-align: center;">ETHER START (1010) (LOCATED IN INSTRUMENT PANEL)</p> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <table border="1" style="font-size: x-small; 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>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2B</td><td>A21C</td><td>16</td><td>TN</td><td>1661226C1</td></tr> <tr><td>3</td><td>A21E</td><td>16</td><td>TN</td><td>1661226C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>8</td><td>A21B</td><td>16</td><td>TN</td><td>1661226C1</td></tr> <tr><td>9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>A21-G</td><td>16</td><td>WH</td><td>1661226C1</td></tr> </tbody> </table> </div> <p style="font-size: x-small;">CONNECTOR - 3520850C1</p>								CAV	CIR	GAUGE	COLOR	TERM	1	-	-	-	-	2B	A21C	16	TN	1661226C1	3	A21E	16	TN	1661226C1	4	-	-	-	-	5B	-	-	-	-	6	-	-	-	-	7	-	-	-	-	8	A21B	16	TN	1661226C1	9	-	-	-	-	10	A21-G	16	WH	1661226C1																																																																	
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Figure 145 Connector Composites (1002), (1003), (1010)

CONNECTOR COMPOSITE (1011), P. 4

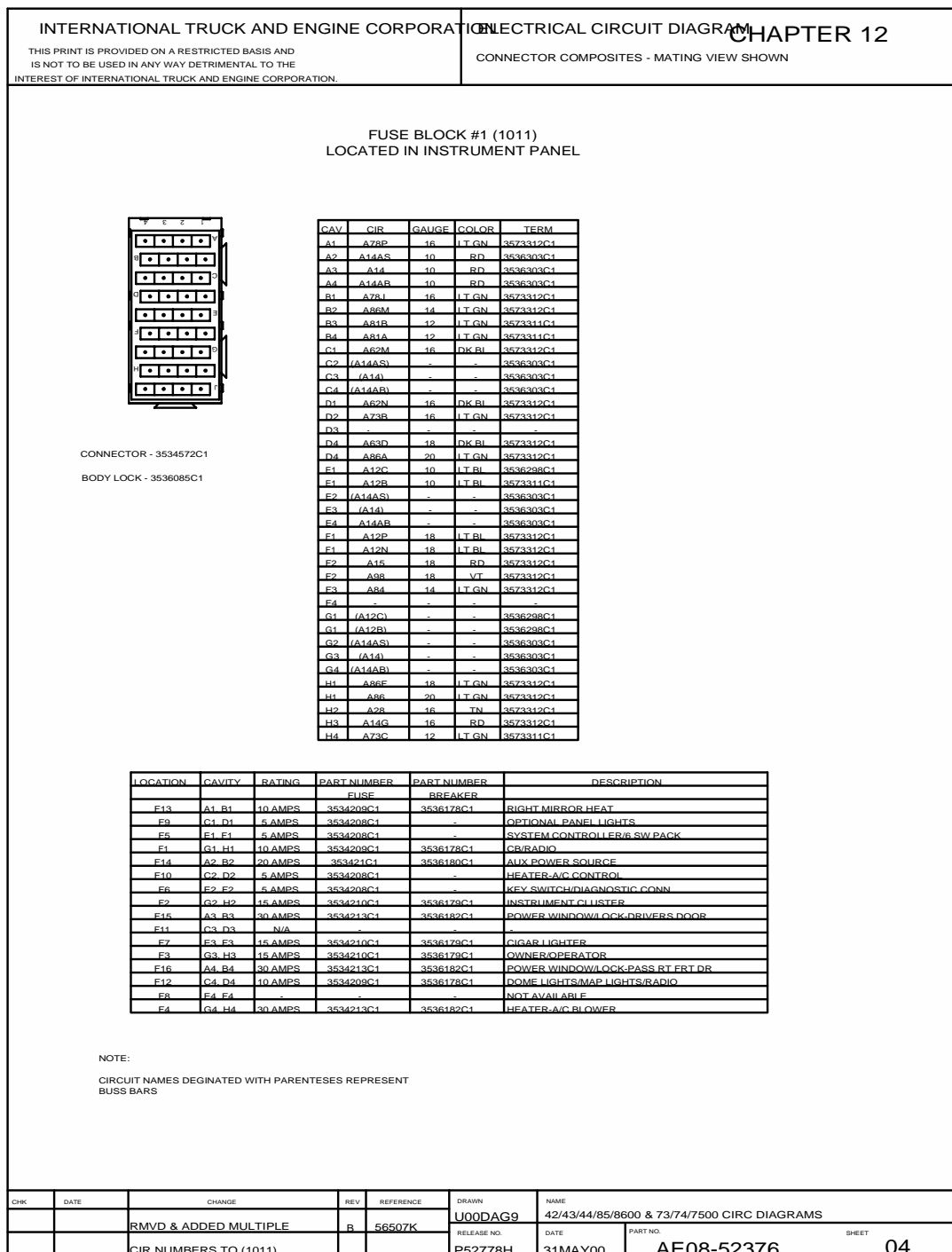


Figure 146 Connector Composite (1011)

CONNECTOR COMPOSITE (1012), P. 5

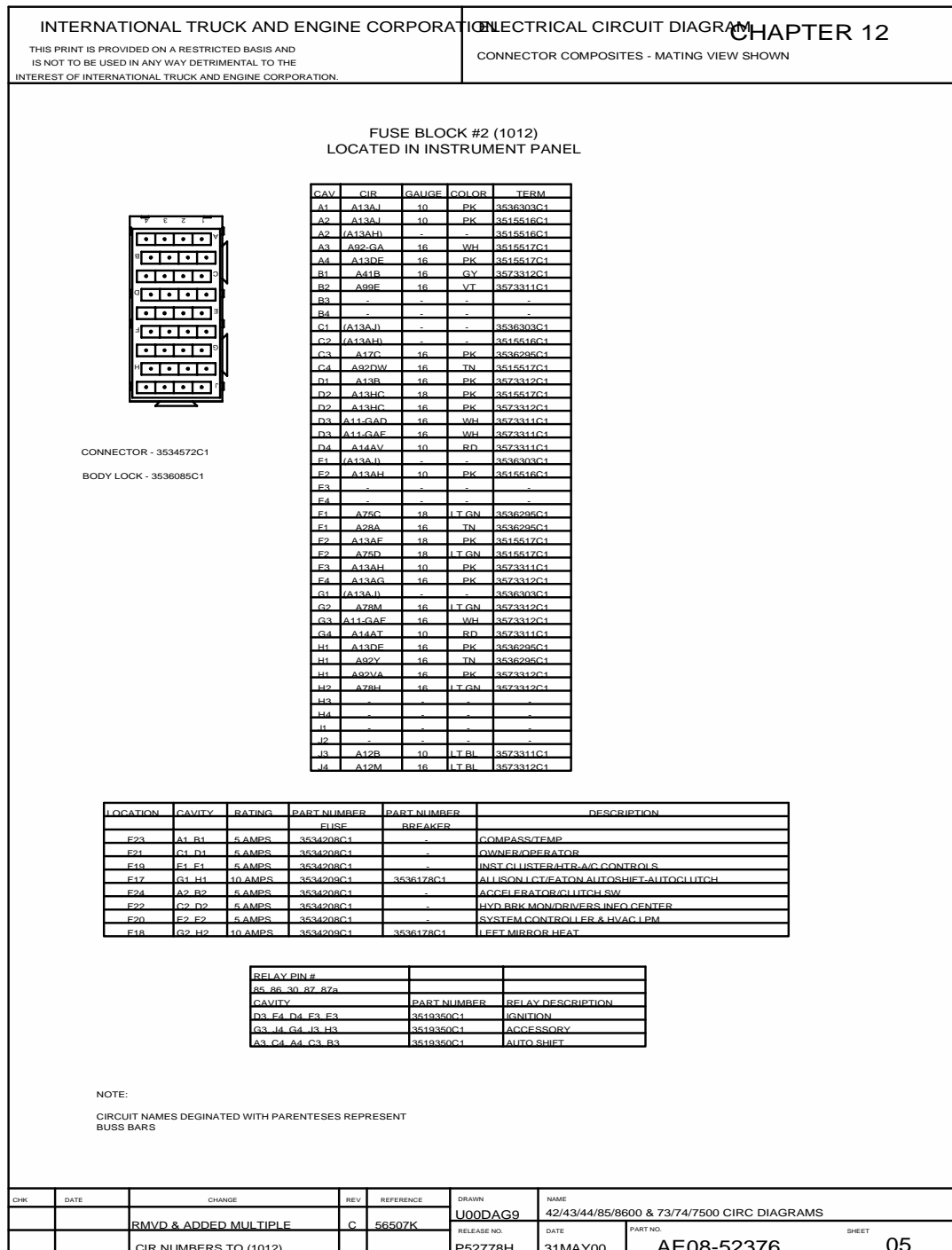


Figure 147 Connector Composite (1012)

CONNECTOR COMPOSITE (1013), P. 6

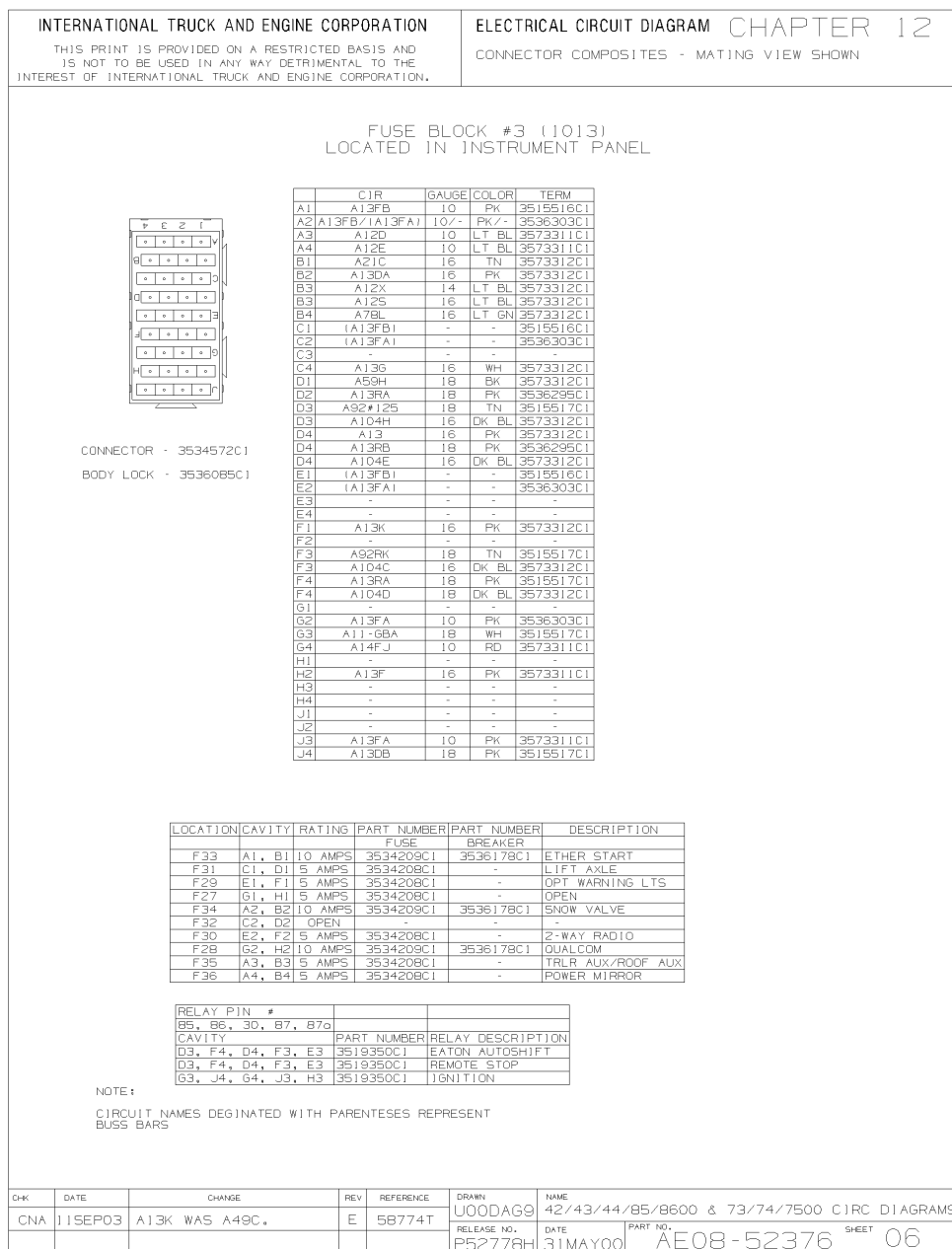


Figure 148 Connector Composite (1013)

CONNECTOR COMPOSITE (1014), P. 7

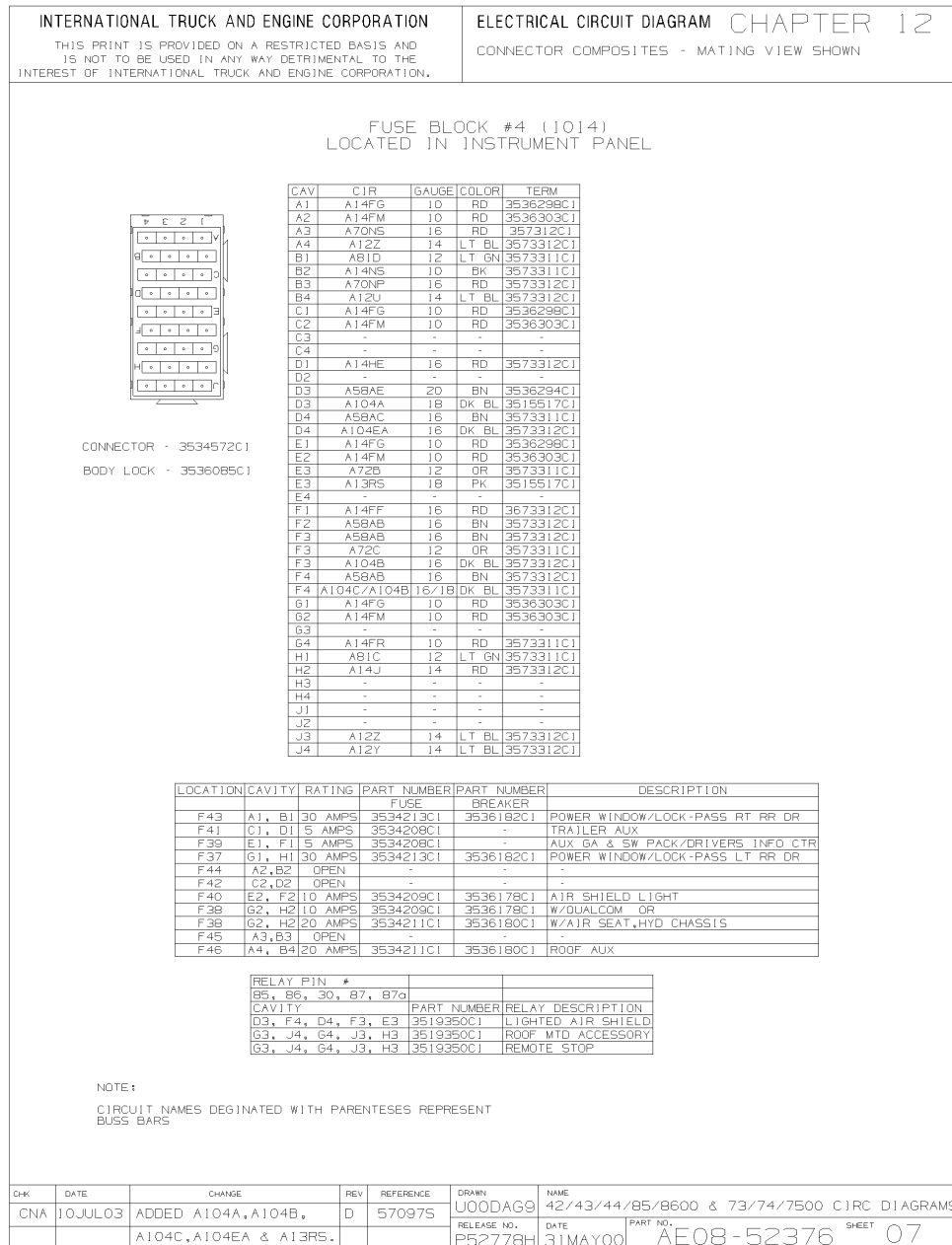
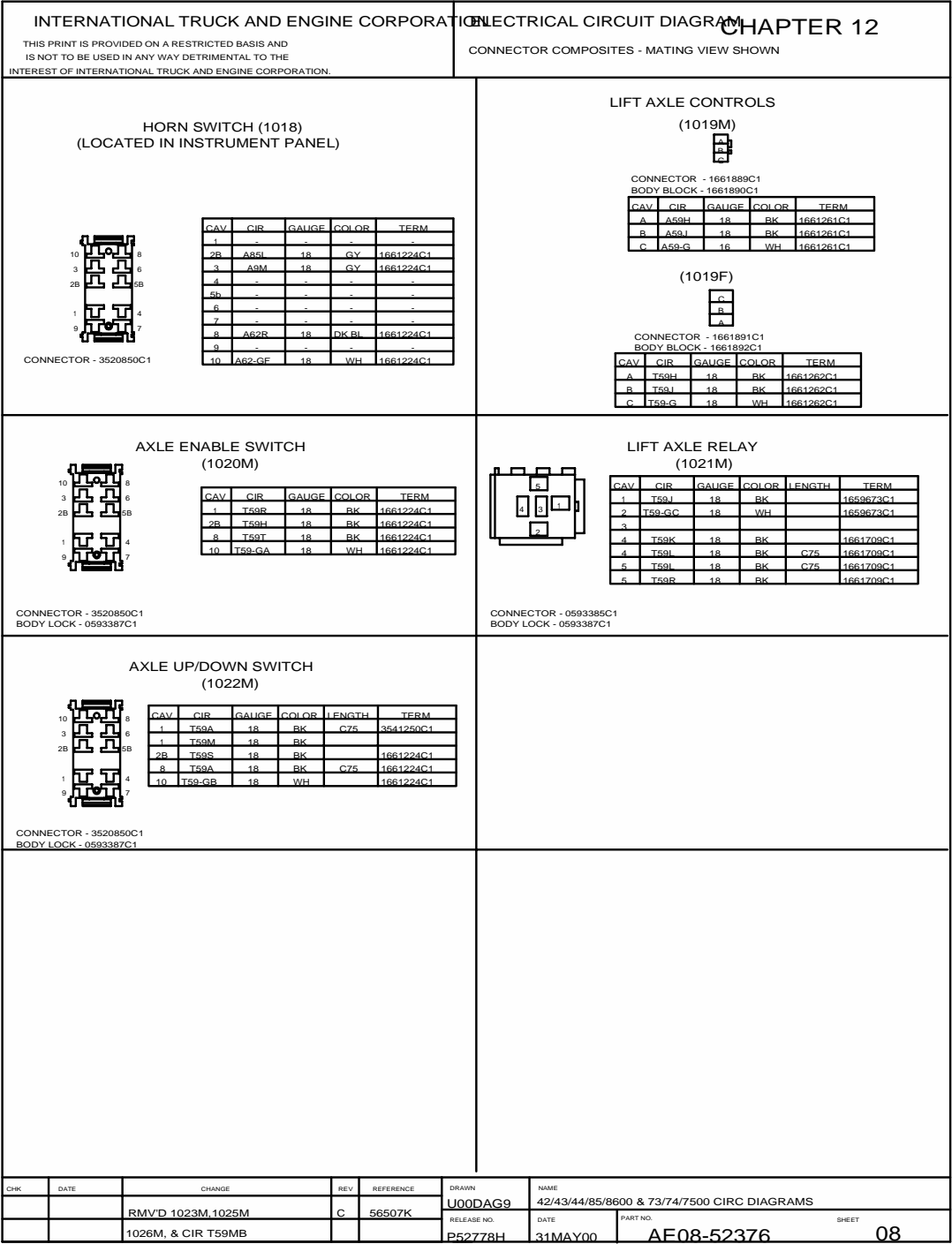


Figure 149 Connector Composite (1014)

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



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



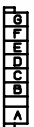





INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																		
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<p style="text-align: center;">(1027M)</p>  <p>CONNECTOR - 1667305C1 BODY LOCK - 1661263C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>T59MB</td> <td>18</td> <td>BK</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>D</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERM	A	T59MB	18	BK	1661261C1	B	-	-	-	-	C	-	-	-	-	D	-	-	-	-	<p style="text-align: center;">(1027F)</p>  <p>CONNECTOR - 0475081C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>T59M</td> <td>18</td> <td>BK</td> <td>0241117R1</td> </tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERM	A	T59M	18	BK	0241117R1																														
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Figure 151 Connector Composites (1027M, F), (1100), (1101A), (1101), (1102)

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

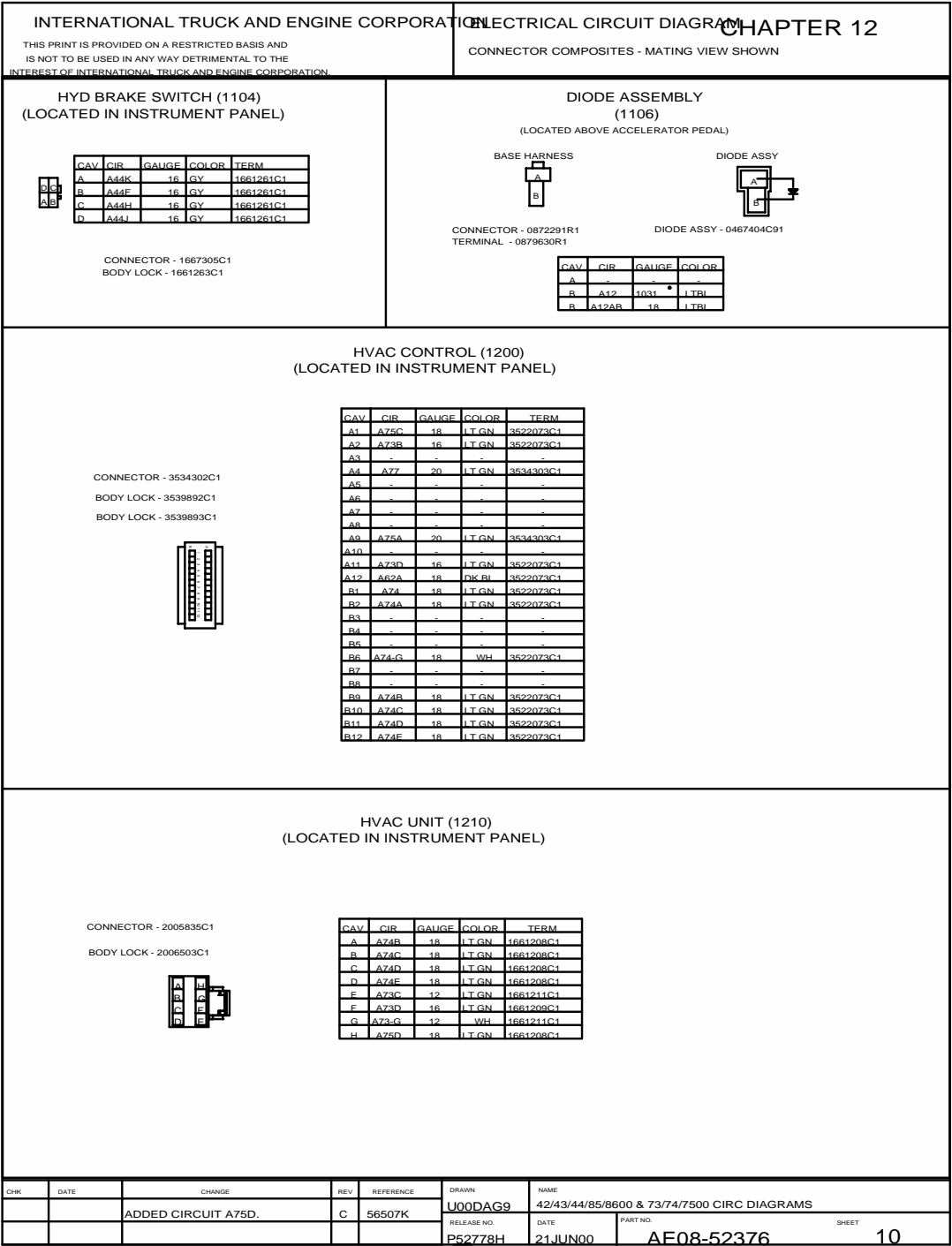


Figure 152 Connector Composites (1104), (1106), (1200), (1210)

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

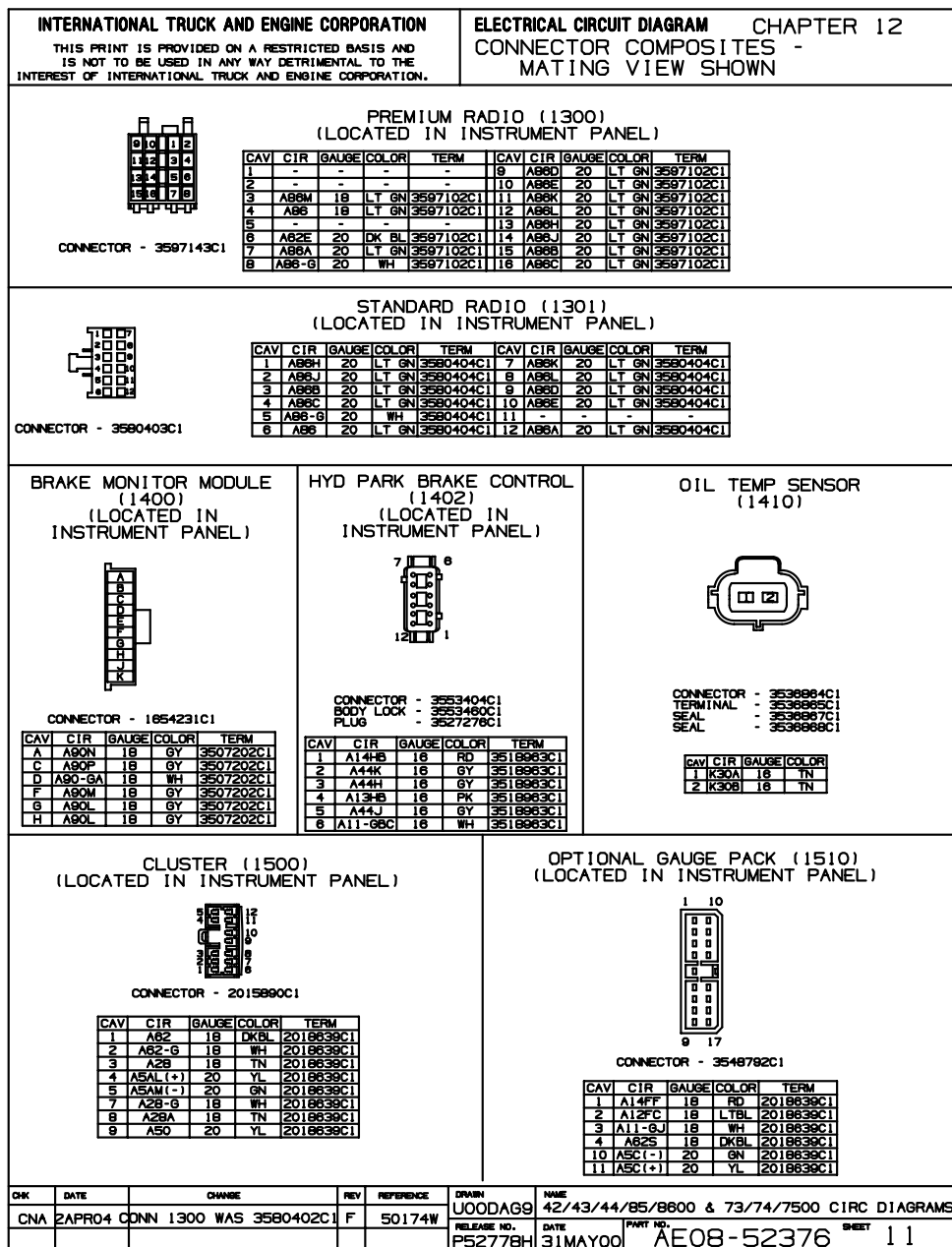


Figure 153 Connector Composites (1300), (1301), (1400), (1402), (1410), (1500), (1510)

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





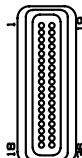


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Figure 154 Connector Composites (1553), (1554F), (1555), (1600), (1601), (1650)

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

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>DRIVETRAIN J1939 EATON AUTOSHIFT (1652)</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>IP HARNESS</p> <p>CONNECTOR: 1661259C1 BODY LOCK: 1661263C1 TERMINAL: 3534481C1 (20 AWG)</p> <table border="1" style="font-size: 0.7em; margin: 5px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>A5AV(+)</td><td>20</td><td>YL</td></tr> <tr><td>B</td><td>A5AV(-)</td><td>20</td><td>GN</td></tr> </table> </div> <div style="text-align: center;"> <p>SHIFTER HARNESS</p> <p>CONNECTOR: 1661260C1 BODY LOCK: 1661264C1 TERMINAL: 3534481C1 (20 AWG)</p> <table border="1" style="font-size: 0.7em; margin: 5px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>A5AV(+)</td><td>20</td><td>YL</td></tr> <tr><td>B</td><td>A5AV(-)</td><td>20</td><td>GN</td></tr> </table> </div> </div>				CAV	CIR	GAUGE	COLOR	A	A5AV(+)	20	YL	B	A5AV(-)	20	GN	CAV	CIR	GAUGE	COLOR	A	A5AV(+)	20	YL	B	A5AV(-)	20	GN	<p>DRIVETRAIN J1939 TERM. RESISTOR (1657M)</p> <div style="text-align: center;"> <p>CONNECTOR: 1667741C1 BODY LOCK: 1667771C1 DIODE ASSY: 0467404C1</p> <table border="1" style="font-size: 0.7em; margin: 5px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>A5AG(+)</td><td>20</td><td>YL</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>A5AH(-)</td><td>20</td><td>GN</td><td>1661875C1</td><td>1661872C1</td></tr> </table> </div>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	A5AG(+)	20	YL	1661875C1	1661872C1	C	A5AH(-)	20	GN	1661875C1	1661872C1																																																																																																																																																																																																																																																																																											
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Figure 155 Connector Composites (1652), (1657M), (1658), (1659), (1800)

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

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>ACCELERATOR PEDAL (1804)</p> <p>CONNECTOR: 1687790C1 TERMINAL: 1651943C1 (18 AWG)</p> <table border="1" style="width: 100%; font-size: 0.7em;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>B99V</td><td>18</td><td>VT</td></tr> <tr><td>B</td><td>B97AD</td><td>18</td><td>VT</td></tr> <tr><td>C</td><td>B97AF</td><td>18</td><td>VT</td></tr> <tr><td>D</td><td>B99J</td><td>18</td><td>VT</td></tr> <tr><td>E</td><td>B99W</td><td>18</td><td>VT</td></tr> <tr><td>F</td><td>B99E</td><td>18</td><td>VT</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	B99V	18	VT	B	B97AD	18	VT	C	B97AF	18	VT	D	B99J	18	VT	E	B99W	18	VT	F	B99E	18	VT	<p>CLUTCH SWITCH (1807)</p> <p>CONNECTOR: 3540757C1 BODY LOCK: 3540758C1 SEAL: 1661872C1 TERMINAL: 1667742C1 (18 AWG)</p> <table border="1" style="width: 100%; font-size: 0.7em;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>B17J</td><td>18</td><td>PK</td></tr> <tr><td>B</td><td>B17H</td><td>18</td><td>PK</td></tr> <tr><td>C</td><td>B96A</td><td>18</td><td>VT</td></tr> <tr><td>D</td><td>B9VB</td><td>18</td><td>GY</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	B17J	18	PK	B	B17H	18	PK	C	B96A	18	VT	D	B9VB	18	GY	<p>BAP SENSOR (1808)</p> <p>CONNECTOR: 2016703C1 BODY LOCK: 2016704C1 TERMINAL: 2003343C1 (18 AWG)</p> <table border="1" style="width: 100%; font-size: 0.7em;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>1</td><td>B97AE</td><td>18</td><td>VT</td></tr> <tr><td>2</td><td>B97AH</td><td>18</td><td>VT</td></tr> <tr><td>3</td><td>B97Q</td><td>18</td><td>VT</td></tr> </table>	CAV	CIR	GAUGE	COLOR	1	B97AE	18	VT	2	B97AH	18	VT	3	B97Q	18	VT	<p>CLOCKSPRING (1809)</p> <p>CONNECTOR: 3547870C1 TERMINAL: 1661261C1 (18 AWG)</p> <table border="1" style="width: 100%; font-size: 0.7em;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>B9R</td><td>18</td><td>GY</td></tr> <tr><td>B</td><td>B96</td><td>18</td><td>VT</td></tr> <tr><td>C</td><td>B85C</td><td>18</td><td>GY</td></tr> <tr><td>D</td><td>B85B</td><td>18</td><td>GY</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	B9R	18	GY	B	B96	18	VT	C	B85C	18	GY	D	B85B	18	GY
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<p>TURN SIGNAL SWITCH (1810)</p> <p>CONNECTOR: 3539212C1 TERMINAL: 3539213C1 (18 AWG)</p> <table border="1" style="width: 100%; font-size: 0.7em;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>1</td><td>B56A</td><td>18</td><td>OR</td></tr> <tr><td>2</td><td>B57A</td><td>18</td><td>OR</td></tr> <tr><td>3</td><td>B52A</td><td>18</td><td>YL</td></tr> <tr><td>4</td><td>B102A</td><td>18</td><td>YL</td></tr> <tr><td>5</td><td>B62B</td><td>18</td><td>GY</td></tr> <tr><td>6</td><td>B11GAA</td><td>18</td><td>WH</td></tr> <tr><td>7</td><td>B9S</td><td>18</td><td>GY</td></tr> <tr><td>8</td><td>B82</td><td>18</td><td>GY</td></tr> <tr><td>11</td><td>B82A</td><td>18</td><td>GY</td></tr> <tr><td>12</td><td>B87A</td><td>18</td><td>GY</td></tr> </table>	CAV	CIR	GAUGE	COLOR	1	B56A	18	OR	2	B57A	18	OR	3	B52A	18	YL	4	B102A	18	YL	5	B62B	18	GY	6	B11GAA	18	WH	7	B9S	18	GY	8	B82	18	GY	11	B82A	18	GY	12	B87A	18	GY	<p>PRIMARY AIR TRANSDUCER (1811)</p> <p>CONNECTOR: 1678137C1 TERMINAL: 1651934C1 (18 AWG)</p> <table border="1" style="width: 100%; font-size: 0.7em;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>B9VC</td><td>18</td><td>GY</td></tr> <tr><td>B</td><td>B6HB</td><td>18</td><td>GY</td></tr> <tr><td>C</td><td>B40</td><td>18</td><td>GY</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	B9VC	18	GY	B	B6HB	18	GY	C	B40	18	GY	<p>SECONDARY AIR TRANSDUCER (1812)</p> <p>CONNECTOR: 1678137C1 TERMINAL: 1651934C1 (18 AWG)</p> <table border="1" style="width: 100%; font-size: 0.7em;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>B9VE</td><td>18</td><td>GY</td></tr> <tr><td>B</td><td>B6HA</td><td>18</td><td>GY</td></tr> <tr><td>C</td><td>B40A</td><td>18</td><td>GY</td></tr> </table>		CAV	CIR	GAUGE	COLOR	A	B9VE	18	GY	B	B6HA	18	GY	C	B40A	18	GY								
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<p>PARK BRAKE (1813)</p> <p>CONNECTOR: 1661777C1 BODY LOCK: 1661873C1 SEAL: 1661872C1 TERMINAL: 1661975C1 (18 AWG)</p> <table border="1" style="width: 100%; font-size: 0.7em;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>C</td><td>B44BB</td><td>18</td><td>GY</td></tr> <tr><td>D</td><td>B9VD</td><td>18</td><td>GY</td></tr> </table>	CAV	CIR	GAUGE	COLOR	C	B44BB	18	GY	D	B9VD	18	GY	<p>STOP LIGHT (1814)</p> <p>CONNECTOR: 2036584C1 TERMINAL: 2036586C1 (18 AWG)</p> <table border="1" style="width: 100%; font-size: 0.7em;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>B70C</td><td>18</td><td>RD</td></tr> <tr><td>B</td><td>B9VF</td><td>18</td><td>GY</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	B70C	18	RD	B	B9VF	18	GY	<p>PARK BRAKE (1815)</p> <p>CONNECTOR: 1661259C1 TERMINAL: 1661261C1 (18 AWG)</p> <table border="1" style="width: 100%; font-size: 0.7em;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>WHITE</td><td>18</td><td>WH</td></tr> <tr><td>B</td><td>BLACK</td><td>18</td><td>BK</td></tr> </table>		CAV	CIR	GAUGE	COLOR	A	WHITE	18	WH	B	BLACK	18	BK																																																
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Figure 156 Connector Composites (1804), (1807), (1808), (1809), (1810), (1811), (1812), (1813), (1814), (1815)

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

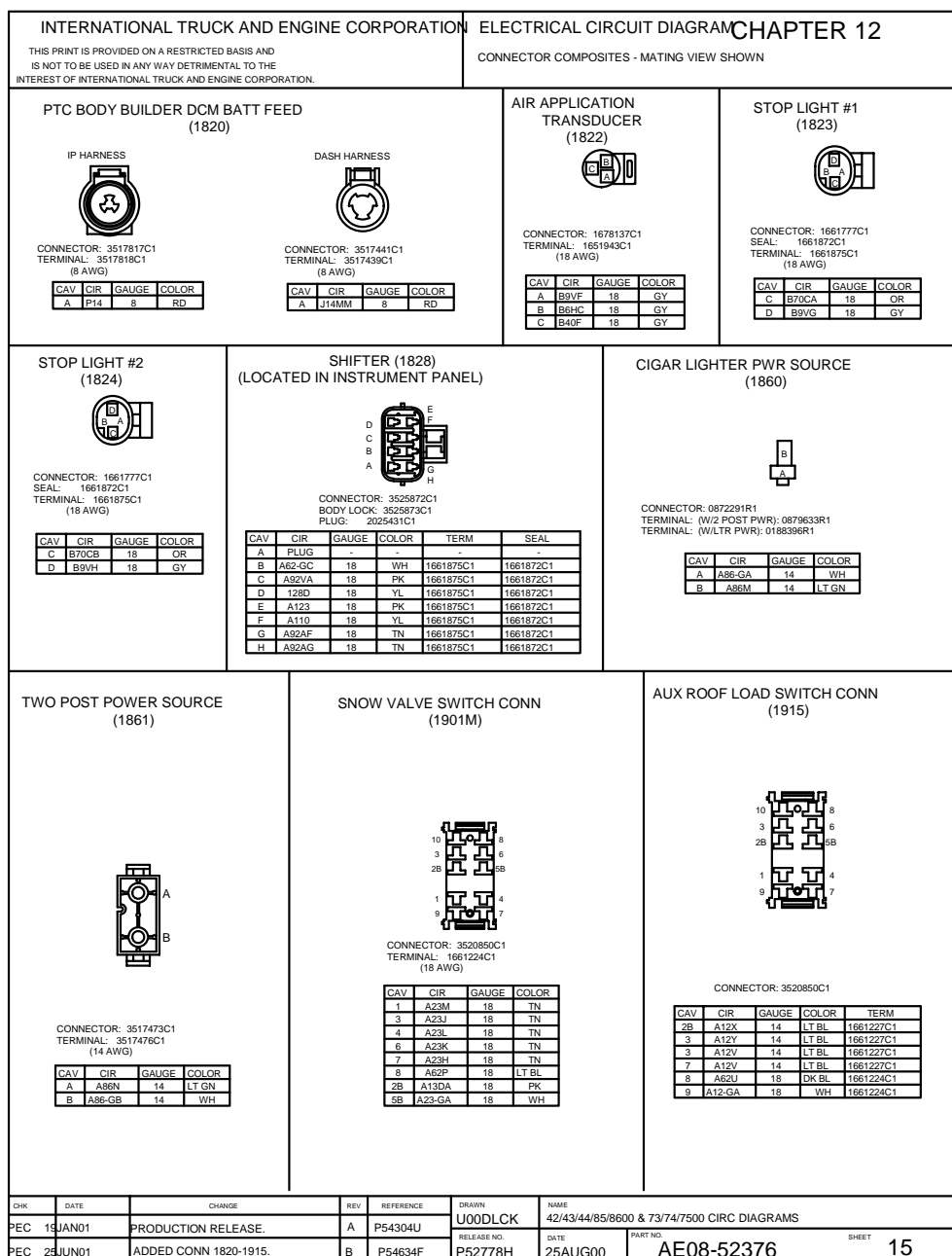


Figure 157 Connector Composites (1820), (1822), (1823), (1824), (1828), (1860), (1861), (1901M), (1915)

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











INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																																																																																						
<p align="center">AIR SEAT (1918)</p>  <p>CONNECTOR: 0587567C9 TERMINAL: 0587577C1 (14 AWG)</p> <table border="1" style="width:100%; text-align: center; font-size: small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>RD</td><td>14</td><td>RD</td></tr> <tr><td>B</td><td>WH</td><td>14</td><td>WH</td></tr> </table>		CAV	CIR	GAUGE	COLOR	A	RD	14	RD	B	WH	14	WH	<p align="center">HEATED SEAT (DRIVER) (1918)</p>  <p>CONNECTOR: 0587567C9</p> <table border="1" style="width:100%; text-align: center; font-size: small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>NOTES</th></tr> <tr><td>A</td><td>A105B</td><td>16</td><td>LTGN</td><td>0587577C1</td><td>DUAL HEATED SEATS</td></tr> <tr><td>A</td><td>A105</td><td>18</td><td>LTGN</td><td>0587578C1</td><td>SINGLE HEATED SEAT</td></tr> <tr><td>B</td><td>A105-GB</td><td>16</td><td>WH</td><td>0587577C1</td><td>DUAL HEATED SEATS</td></tr> <tr><td>B</td><td>A105-G</td><td>18</td><td>WH</td><td>0587578C1</td><td>SINGLE HEATED SEAT</td></tr> </table>		CAV	CIR	GAUGE	COLOR	TERMINAL	NOTES	A	A105B	16	LTGN	0587577C1	DUAL HEATED SEATS	A	A105	18	LTGN	0587578C1	SINGLE HEATED SEAT	B	A105-GB	16	WH	0587577C1	DUAL HEATED SEATS	B	A105-G	18	WH	0587578C1	SINGLE HEATED SEAT																																																																																																											
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<p align="center">HEATED SEAT (PASS) (1935)</p>  <p>CONNECTOR: 0587567C9</p> <table border="1" style="width:100%; text-align: center; font-size: small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> <tr><td>A</td><td>A105A</td><td>16</td><td>LTGN</td><td>0587577C1</td></tr> <tr><td>B</td><td>A105-GA</td><td>16</td><td>WH</td><td>0587577C1</td></tr> </table>		CAV	CIR	GAUGE	COLOR	TERMINAL	A	A105A	16	LTGN	0587577C1	B	A105-GA	16	WH	0587577C1	<p align="center">DIGITAL CLOCK (1920)</p>  <p>CONNECTOR: 1667305C1 BODY LOCK: 1661263C1</p> <table border="1" style="width:100%; text-align: center; font-size: small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr><td>A</td><td>A86A</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>B</td><td>A86-G</td><td>18</td><td>WH</td><td>1661261C1</td></tr> <tr><td>C</td><td>A86</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>D</td><td>A62E</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr> </table>		CAV	CIR	GAUGE	COLOR	TERM	A	A86A	18	LTGN	1661261C1	B	A86-G	18	WH	1661261C1	C	A86	18	LTGN	1661261C1	D	A62E	18	DKBL	1661261C1																																																																																																													
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<p align="center">LEFT CLEARANCE (2002M)</p>  <p>CONNECTOR: 1661259C1 BODY LOCK: 1661263C1 TERMINAL: 1661261C1 (18 AWG)</p> <table border="1" style="width:100%; text-align: center; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D58L</td><td>18</td><td>BN</td></tr> <tr><td>B</td><td>D58-GD</td><td>18</td><td>WH</td></tr> </table>		CAV	CIR	GAUGE	COLOR	A	D58L	18	BN	B	D58-GD	18	WH	<p align="center">LEFT MARKER (2003M)</p>  <p>CONNECTOR: 1661259C1 BODY LOCK: 1661263C1 TERMINAL: 1661261C1 (18 AWG)</p> <table border="1" style="width:100%; text-align: center; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D58M</td><td>18</td><td>BN</td></tr> <tr><td>B</td><td>D58-GE</td><td>18</td><td>WH</td></tr> </table>		CAV	CIR	GAUGE	COLOR	A	D58M	18	BN	B	D58-GE	18	WH																																																																																																																													
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Figure 158 Connector Composites (1918), (1935), (1920), (2000), (2002M), (2003M), (2004M), (2005M)

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

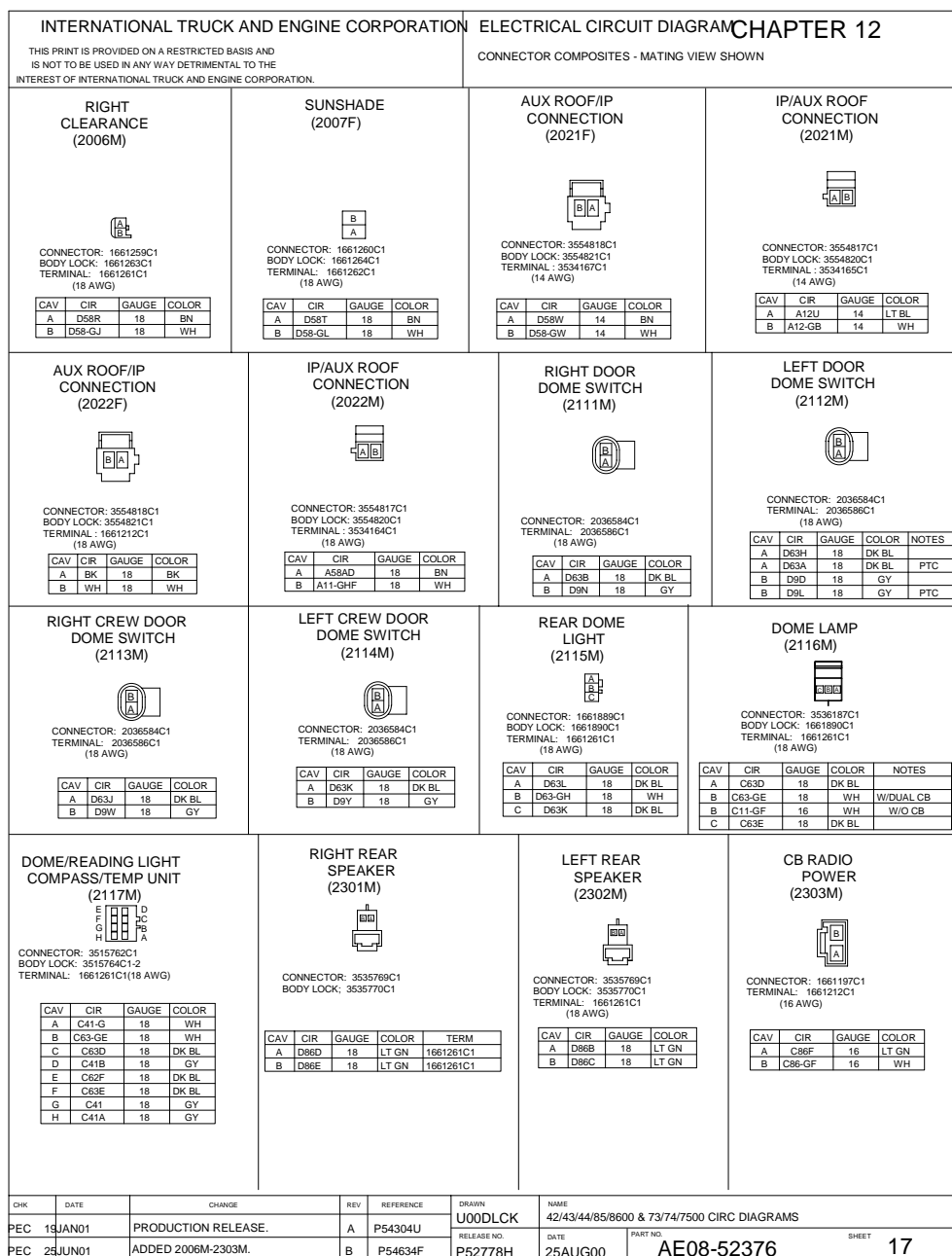


Figure 159 Connector Composites (2006M), (2007F), (2021F), (2021M), (2022F), (2022M), (2111M), (2112M), (2113M), (2114M), (2115M), (2116M), (2117M), (2301M), (2302M), (2303M)

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

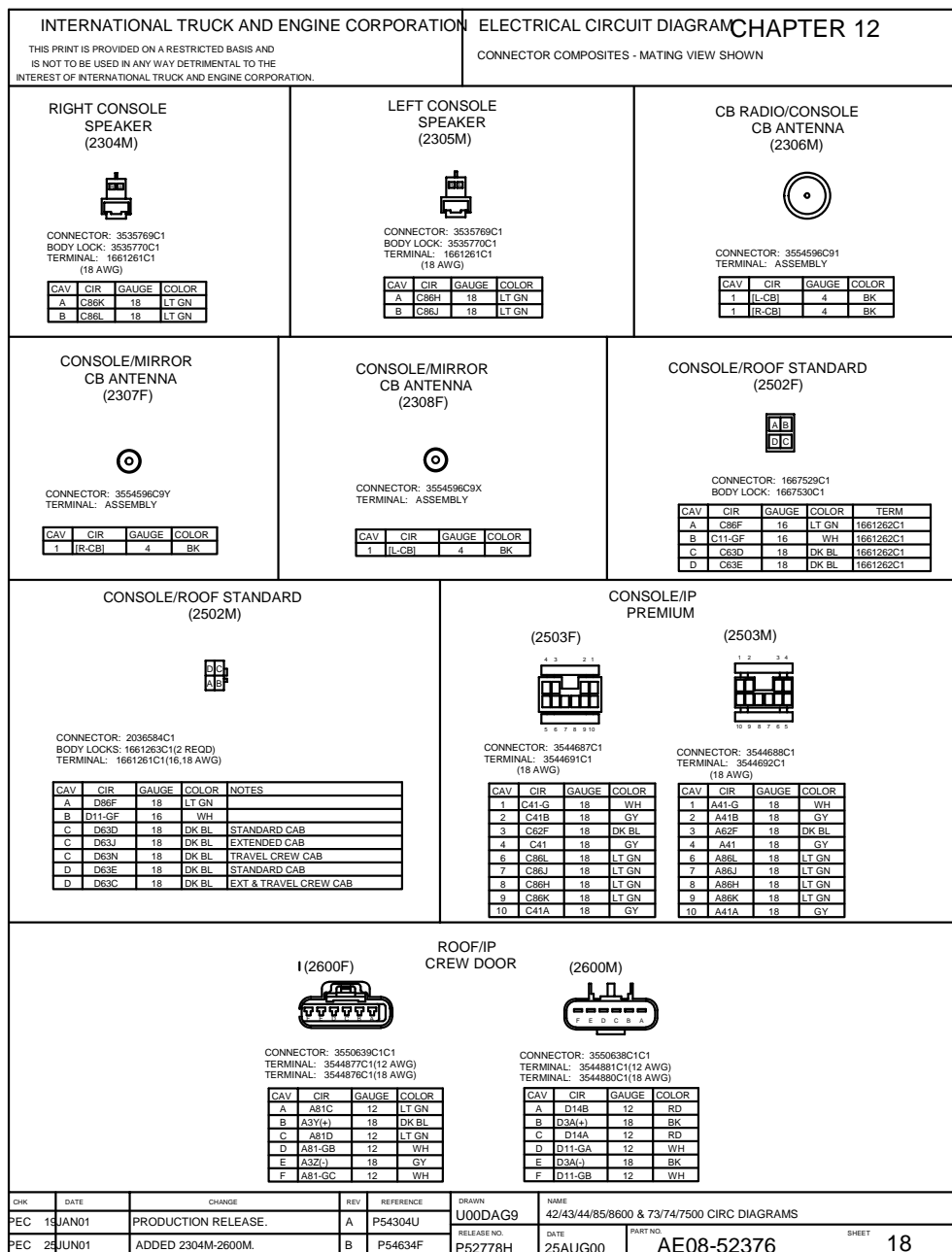


Figure 160 Connector Composites (2304M), (2305M), (2306M), (2307F), (2308F), (2502F), (2502M), (2503F, M), (2600F, M)

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

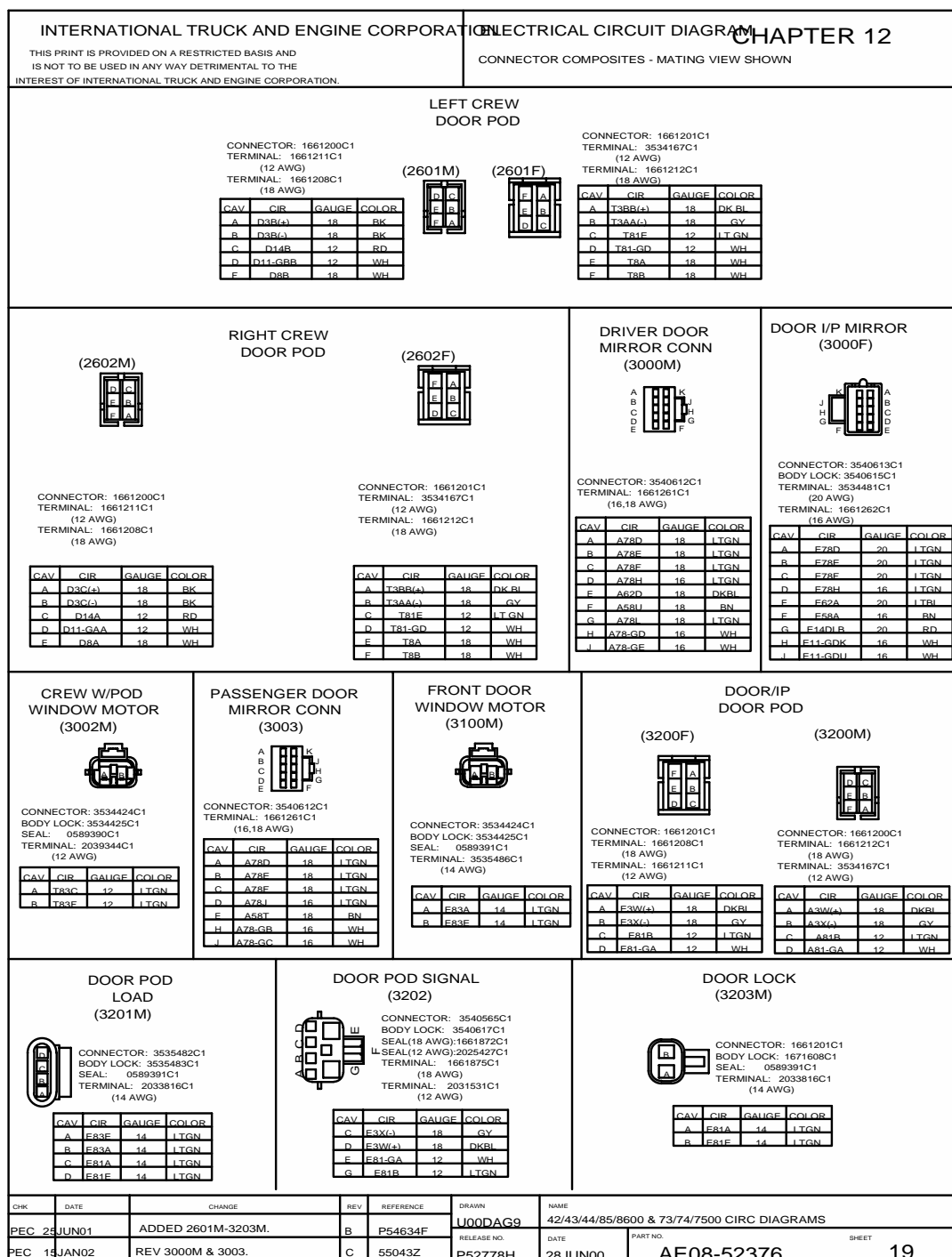


Figure 161 Connector Composites (2601M, F), (2602M, F), (3000M), (3000F), (3002M), (3003), (3100M), (3200F, M), (3201M), (3202), (3203M)

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

INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																
<p style="text-align: center;">DOOR/IP DOOR POD</p> <p style="text-align: center;">(3204M) (3204F)</p> <div style="display: flex; justify-content: space-around; align-items: center;"> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <p>CONNECTOR: 1861200C1 TERMINAL: 1861211C1 (12 AWG) TERMINAL: 1861209C1 (18 AWG)</p> </div> <div style="width: 45%;"> <p>CONNECTOR: 1861201C1 TERMINAL: 3534187C1 (20 AWG) TERMINAL: 1861212C1 (14 AWG)</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <table border="1" style="font-size: 8px; width: 45%;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>A3N1(+)</td><td>18</td><td>DKBL</td></tr> <tr><td>B</td><td>A3P(-)</td><td>18</td><td>GY</td></tr> <tr><td>C</td><td>AB1A</td><td>12</td><td>LTGN</td></tr> <tr><td>D</td><td>AB1-B</td><td>12</td><td>WH</td></tr> </table> <table border="1" style="font-size: 8px; width: 45%;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>E3W(+)</td><td>18</td><td>DKBL</td></tr> <tr><td>B</td><td>E3X(-)</td><td>18</td><td>GY</td></tr> <tr><td>C</td><td>E81B</td><td>14</td><td>LTGN</td></tr> <tr><td>D</td><td>E81-GA</td><td>14</td><td>WH</td></tr> </table> </div>				CAV	CIR	GAUGE	COLOR	A	A3N1(+)	18	DKBL	B	A3P(-)	18	GY	C	AB1A	12	LTGN	D	AB1-B	12	WH	CAV	CIR	GAUGE	COLOR	A	E3W(+)	18	DKBL	B	E3X(-)	18	GY	C	E81B	14	LTGN	D	E81-GA	14	WH	<p style="text-align: center;">DOOR POD SIGNAL (3209)</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-left: 10px;"> <p>CONNECTOR: 1861200C1 BODY LOCK: 3540817C1 SEAL (18 AWG): 1861872C1 SEAL (12 AWG): 2025427C1 TERMINAL: 2031531C1 (12 AWG) TERMINAL: 1861875C1 (18 AWG)</p> </div> </div> <table border="1" style="font-size: 8px; margin-top: 10px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>T8A</td><td>18</td><td>WH</td></tr> <tr><td>B</td><td>T8B</td><td>18</td><td>WH</td></tr> <tr><td>C</td><td>T3AA(-)</td><td>18</td><td>GY</td></tr> <tr><td>D</td><td>T3BB(+)</td><td>18</td><td>DKBL</td></tr> <tr><td>E</td><td>T81-GD</td><td>12</td><td>WH</td></tr> <tr><td>G</td><td>T81E</td><td>12</td><td>LTGN</td></tr> </table>				CAV	CIR	GAUGE	COLOR	A	T8A	18	WH	B	T8B	18	WH	C	T3AA(-)	18	GY	D	T3BB(+)	18	DKBL	E	T81-GD	12	WH	G	T81E	12	LTGN									
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<p style="text-align: center;">DOOR POD LOAD (3210M)</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-left: 10px;"> <p>CONNECTOR: 3535482C1 BODY LOCK: 3535483C1 SEAL: 0589390C1 TERMINAL: 2033818C1 (12 AWG)</p> </div> </div> <table border="1" style="font-size: 8px; margin-top: 10px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>T83F</td><td>12</td><td>LTGN</td></tr> <tr><td>B</td><td>T83C</td><td>12</td><td>LTGN</td></tr> <tr><td>C</td><td>T81C</td><td>12</td><td>LTGN</td></tr> <tr><td>D</td><td>T81F</td><td>12</td><td>LTGN</td></tr> </table>				CAV	CIR	GAUGE	COLOR	A	T83F	12	LTGN	B	T83C	12	LTGN	C	T81C	12	LTGN	D	T81F	12	LTGN	<p style="text-align: center;">DOOR LOCK (3211M)</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-left: 10px;"> <p>CONNECTOR: 1871810C1 BODY LOCK: 1871808C1 SEAL: 0589390C1 TERMINAL: 2033818C1 (12 AWG)</p> </div> </div> <table border="1" style="font-size: 8px; margin-top: 10px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>T81C</td><td>12</td><td>LTGN</td></tr> <tr><td>B</td><td>T81F</td><td>12</td><td>LTGN</td></tr> </table>				CAV	CIR	GAUGE	COLOR	A	T81C	12	LTGN	B	T81F	12	LTGN																																													
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<p>MAXI-FUSE BLOCK (4000) (LOCATED IN POWER DISTRIBUTION CENTER)</p> <div style="text-align: center; margin: 10px 0;"> </div> <p>CONNECTOR - 3545987C1 LOCK - 3515520C1 BOLT - 22728R1 WASHER - 178474 NUT - 9413982</p> <table border="1" style="font-size: 8px; margin: 10px auto; width: 80%;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr><td>A1</td><td>J14LP</td><td>10</td><td>RD</td><td>3515522C1</td></tr> <tr><td>A1</td><td>J103C</td><td>10</td><td>LT GN</td><td>3515522C1</td></tr> <tr><td>A2</td><td>J14MM</td><td>8</td><td>RD</td><td>3518157C1</td></tr> <tr><td>A3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>A4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>A5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>A6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>STUD</td><td>J14V</td><td>6</td><td>RD</td><td>0373759C2</td></tr> </table> <table border="1" style="font-size: 8px; margin: 10px auto; width: 80%;"> <tr><th>LOCATION</th><th>FUSE</th><th>PART NUMBER</th><th>DESCRIPTION</th></tr> <tr><td>A1-B1</td><td>40 AMP</td><td>3534204C1</td><td>LECTRA-SHIFT, PTO</td></tr> <tr><td>A1-B1</td><td>40 AMP</td><td>3534204C1</td><td>AUX 40 AMP CIRCUIT</td></tr> <tr><td>A2-B2</td><td>60 AMP</td><td>3525815C1</td><td>60 AMP PWR FEED</td></tr> <tr><td>A3-B3</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>A4-B4</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>A5-B5</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>A6-B6</td><td>-</td><td>-</td><td>-</td></tr> </table>								CAV	CIR	GAUGE	COLOR	TERM	A1	J14LP	10	RD	3515522C1	A1	J103C	10	LT GN	3515522C1	A2	J14MM	8	RD	3518157C1	A3	-	-	-	-	A4	-	-	-	-	A5	-	-	-	-	A6	-	-	-	-	STUD	J14V	6	RD	0373759C2	LOCATION	FUSE	PART NUMBER	DESCRIPTION	A1-B1	40 AMP	3534204C1	LECTRA-SHIFT, PTO	A1-B1	40 AMP	3534204C1	AUX 40 AMP CIRCUIT	A2-B2	60 AMP	3525815C1	60 AMP PWR FEED	A3-B3	-	-	-	A4-B4	-	-	-	A5-B5	-	-	-	A6-B6	-	-	-
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Figure 162 Connector Composites (3204M, F), (3209), (3210M), (3211M), (4000)

CONNECTOR COMPOSITE (4001), P. 21

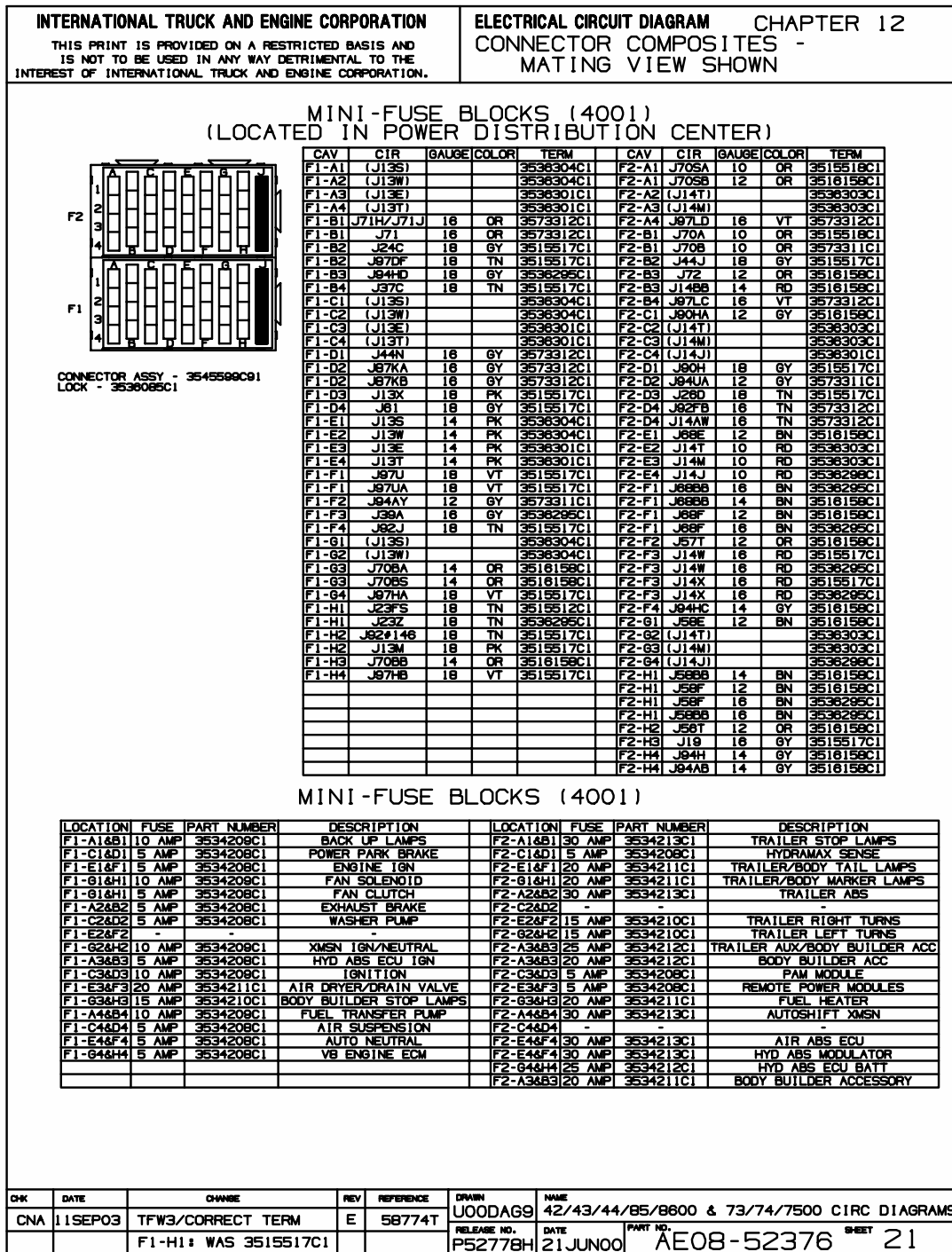


Figure 163 Connector Composite (4001)

CONNECTOR COMPOSITE (4002), P. 22

INTERNATIONAL TRUCK AND ENGINE CORPORATION

ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12

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CONNECTOR COMPOSITES - MATING VIEW SHOWN

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

CAV	CIR	GAUGE	COLOR	TERM	CAV	CIR	GAUGE	COLOR	TERM
M1-A1	J59C	18	GY	3573312C1	M2-C4	J58H	18	OR	3515517C1
M1-C1	J59D	18	GY	3573312C1	M2-C4	J58K	18	OR	3515517C1
M1-A2	J58F	18	GY	3536300C1	M2-A4	J58T	12	OR	3518158C1
M1-B2	PLUG	-	-	-	M2-C3	J58C	12	OR	3518158C1
M1-C2	J59F	-	-	3536300C1	M2-A3	J58-GH	18	WH	3515517C1
M1-C4	J23Z	-	-	3536300C1	M2-B4	PLUG	-	-	-
M1-A4	J23Z	18	TN	3536300C1	M2-F2	J84AB	18	YL	3573311C1
M1-A3	J23A	18	TN	3515517C1	M2-F2	J84C	18	YL	3573311C1
M1-B3	J23	18	TN	3515517C1	M2-D2	J53L0	14	YL	3573312C1
M1-C4	J24C	18	GY	3536300C1	M2-E1	J53B	14	YL	3573312C1
M1-A4	J24C	-	-	3536300C1	M2-E2	PLUG	-	-	-
M1-C3	J24B	18	GY	3515517C1	M2-D2	J53L0	14	YL	3518158C1
M1-A3	J24A	18	GY	3515517C1	M2-E1	J53B	14	YL	3518158C1
M1-B4	PLUG	-	-	-	M2-F1	J84L0	14	YL	3518158C1
M1-D1	J71#113	18	OR	3515517C1	M2-D1	J84-GA/J84-G	18/18	WH	3573312C1
M1-D2	J71J	18	OR	3515517C1	M2-E2	PLUG	-	-	-
M1-F1	J71B	18	OR	3515517C1	M2-D1	J59A	18	GY	3573312C1
M1-F2	J71H	18	OR	3515517C1	M2-E1	J59	18	GY	3573312C1
M1-E2	PLUG	-	-	-	M2-D2	J59D	18	GY	3573312C1
M1-F4	J82HM4	18	TN	3536295C1	M2-F2	J59B	18	GY	3573312C2
M1-D4	J17	18	PK	3515517C1	M2-E2	PLUG	-	-	-
M1-F3	J175A	18	PK	3515517C1	M2-F4	J57H	18	OR	3515517C1
M1-D3	J17-GR1	18	PK	3515517C1	M2-F4	J57K	18	OR	3515517C1
M1-E4	PLUG	-	-	-	M2-D4	J57T	12	OR	3518158C1
M1-J4	J13AS	18	PK	3515517C1	M2-F3	J57C	12	OR	3518158C1
M1-G4	J19A	18	GY	3515517C1	M2-D3	J57-GH	18	WH	3515517C1
M1-G4	J19E	18	GY	3536295C1	M2-E4	PLUG	-	-	-
M1-J3	J19	18	GY	3515517C1	M2-J2	J94HV	18	GY	3515517C1
M1-G3	J19-G	18	WH	3515517C1	M2-J2	J84C	18	YL	3515517C1
M1-H4	PLUG	-	-	-	M2-G2	J94HH	18	GY	3515517C1
M1-A1	J92RB	18	TN	3573312C1	M2-J1	J94HE	18	GY	3515517C1
M1-C1	J92D181	18	TN	3573312C1	M2-G1	J84-GHF	18	WH	3515517C1
M1-A2	J92#183	18	TN	3573312C1	M2-H2	PLUG	-	-	-
M1-C2	J13RA	18	TN	3573312C1	M2-G2	J52H1	14	YL	3518158C1
M1-G1	J37D	18	TN	3515517C1	M2-H1	J52B	14	YL	3518158C1
M1-J1	J37	18	TN	353312C1	M2-J1	J84H1	14	YL	3518158C1
M1-G2	J37C	18	TN	353312C1	M2-G1	J84-GA	18	WH	3515517C1
M1-J2	J37C	-	-	3536300C1	M2-H2	PLUG	-	-	-
M1-G3	J87J	18	VT	3515517C1	M2-G3	J92-GJ	18	WH	3515517C1
M1-J3	J87H	18	VT	3515517C2	M2-G3	J92RD	18	TN	3515517C1
M1-J4	J87JA	18	VT	3515517C3	M2-G4	J92APA	18	TN	3515517C1
M1-G4	J87HA	18	VT	3573312C1	M2-G4	J92NB	18	TN	3573312C1
M2-A1	J92A114	18	TN	3515517C1	M2-H3	J17B	18	PK	3515517C1
M2-A2	J17BC	18	PK	3515517C1	M2-H3	J92FN	18	TN	3573312C1
M2-B1	J92HM5	18	TN	3515517C1	M2-J4	J92AY	18	TN	3515517C1
M2-C1	J92J	18	TN	3536295C1	M2-J4	J92FBA	18	TN	3573312C1
M2-C1	J92JA	18	TN	3536295C1	M2-H4	PLUG	-	-	-
M2-C2	J92JA	18	TN	3536295C1	M2-J3	J92FB	18	TN	3573312C1
M2-B2	PLUG	-	-	-					

M1

M2

CONNECTOR ASSY - 3545598C91
LOCK - 3536085C1
MICRO RELAY - 3519350C1
PLUG - 3555842C1

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

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA	10JUL03	LAS9/MULTIPLE CHANGES	F	570975	U00DAG9	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS
		FOR REMOTE START/STOP			RELEASE NO.	DATE
					P52778H	28JUN00
						PART NO.
						AE08-52376
						SHEET
						22

Figure 164 Connector Composite (4002)

CONNECTOR COMPOSITE (4003), P. 23

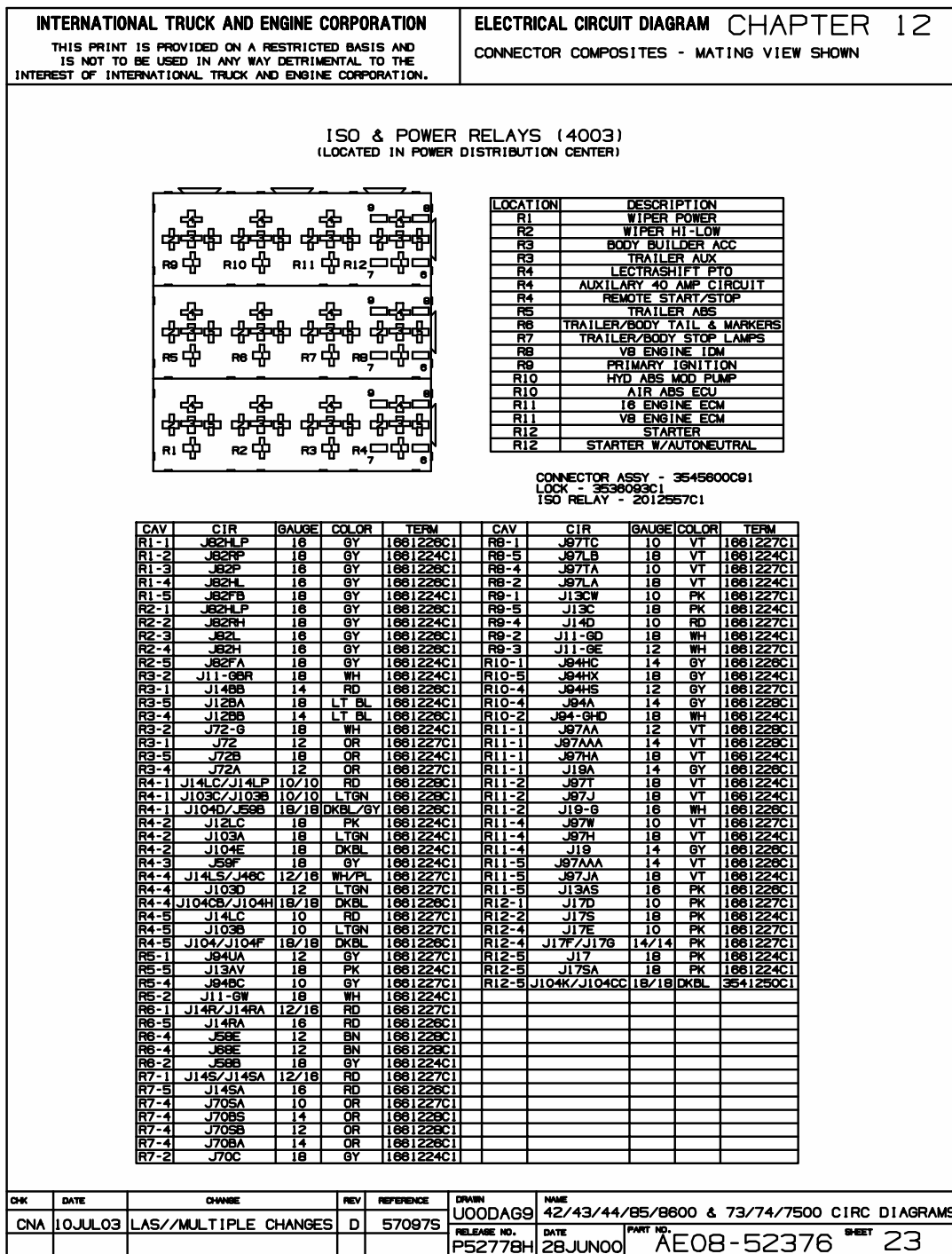


Figure 165 Connector Composite (4003)

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

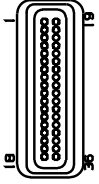


INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>										ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																																																																																																																																																																																																																																							
SYSTEM CONTROLLER (4004) <small>(LOCATED ON EXTERIOR DASH PANEL LEFT SIDE)</small>																																																																																																																																																																																																																																																																																																																	
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<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>DET</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>12MAR04</td><td>CIR J61C WAS IN CAV</td><td>F</td><td>59169R</td><td>U00DAG9</td><td>42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS</td></tr> <tr> <td></td><td></td><td>10 ON CONN (4004).</td><td></td><td></td><td>RELEASE NO.</td><td>DATE</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td>P5277BH</td><td>26JUN00</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td>PART NO.</td><td>AE08-52376</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td>SHEET</td><td>24</td></tr> </tbody> </table>																				DET	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CNA	12MAR04	CIR J61C WAS IN CAV	F	59169R	U00DAG9	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS			10 ON CONN (4004).			RELEASE NO.	DATE						P5277BH	26JUN00						PART NO.	AE08-52376						SHEET	24																																																																																																																																																																																																																																																				
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Figure 166 Connector Composites (4004), (4007), (4008)

CONNECTOR COMPOSITE (4014), P. 25

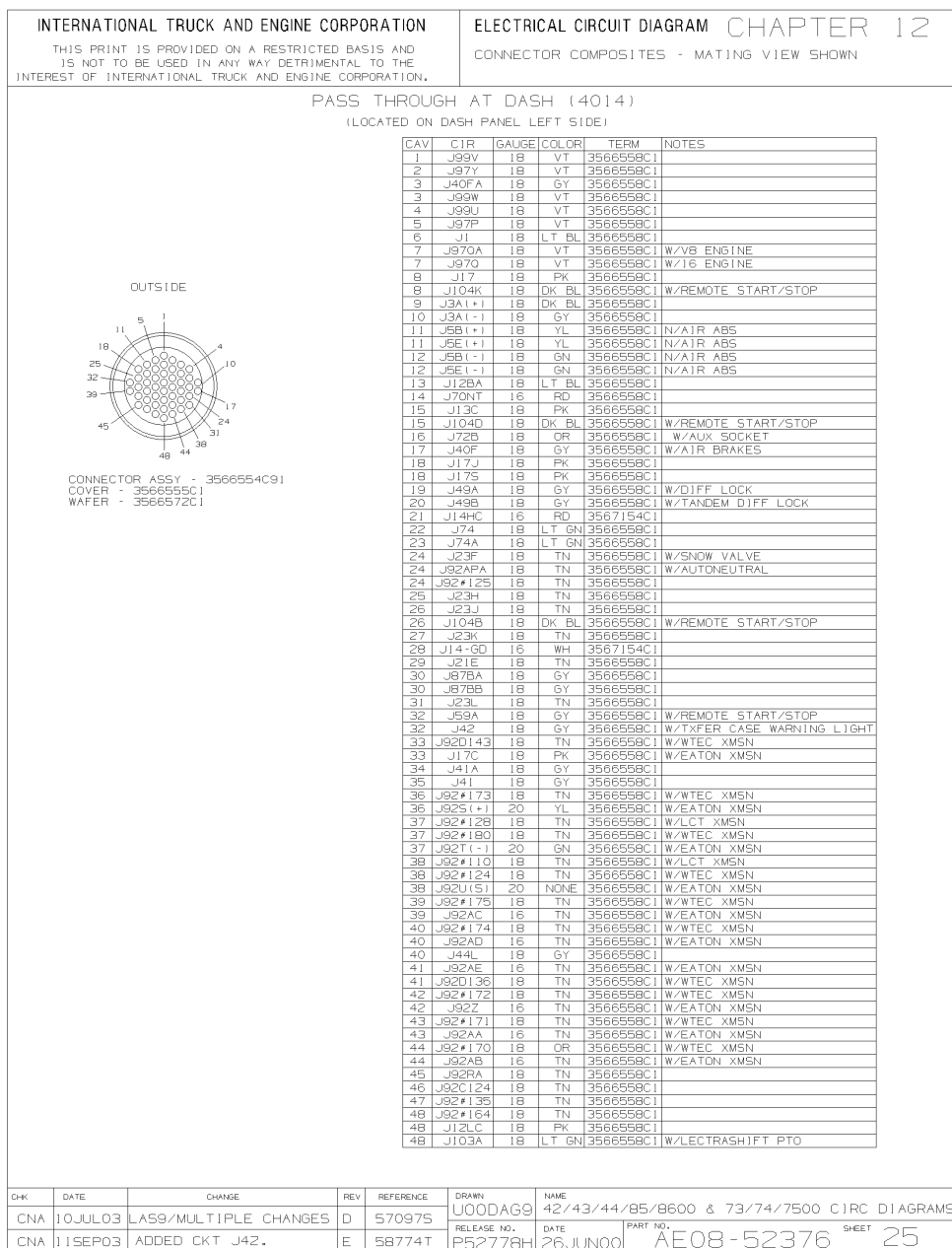


Figure 167 Connector Composite (4014)

CONNECTOR COMPOSITE (4014/1700), P. 26

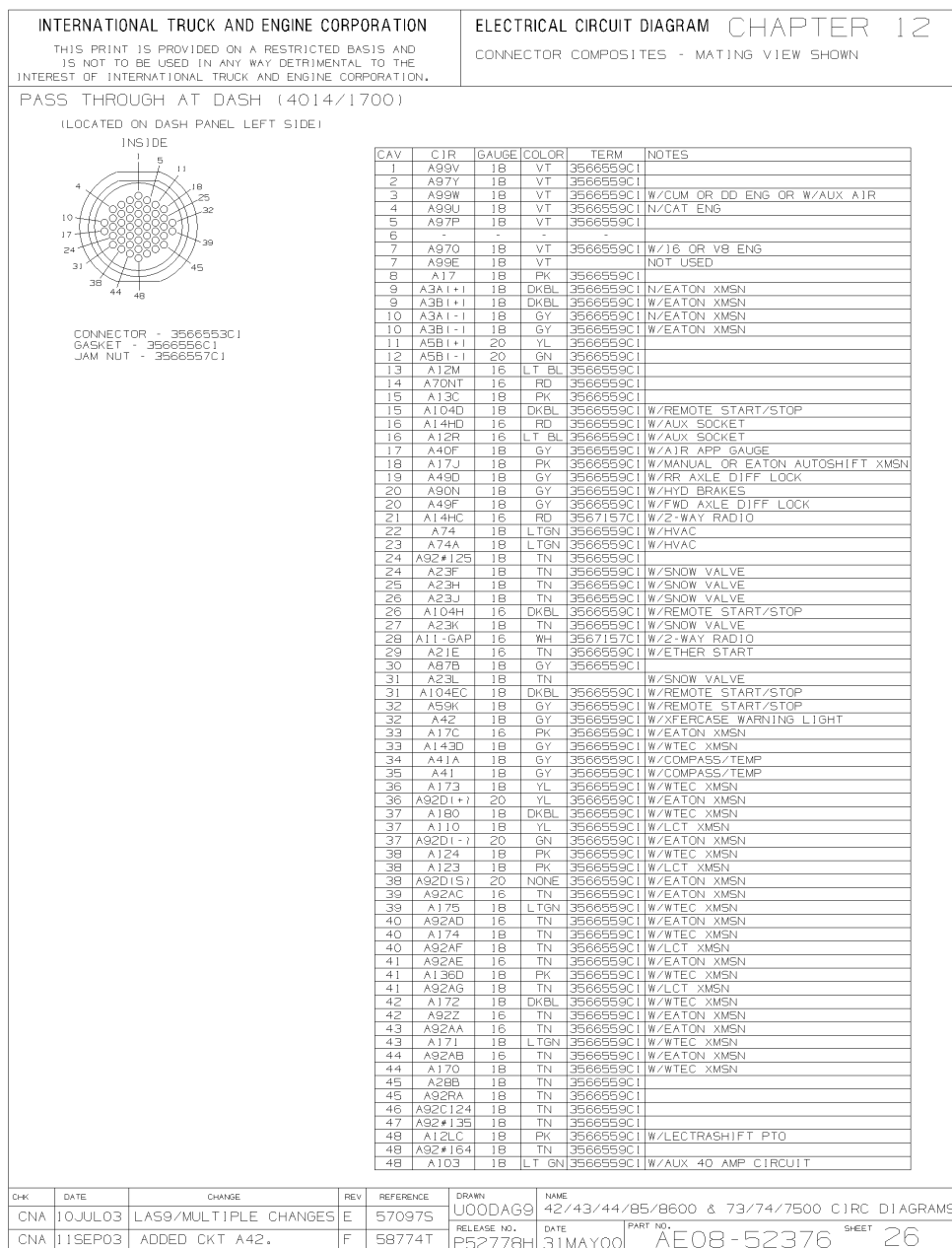


Figure 168 Connector Composite (4014/1700)

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









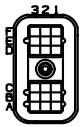
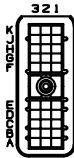






INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																																																																																							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																																							
<p>WIPER MOTOR (4015) (LOCATED ON EXTERIOR DASH PANEL, CENTER)</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>J62B</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1852325C1</td> </tr> <tr> <td>B</td> <td>J62P</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1852325C1</td> </tr> <tr> <td>C</td> <td>J62-B</td> <td>18</td> <td>WH</td> <td>2033819C1</td> <td>1852325C1</td> </tr> <tr> <td>D</td> <td>J62H</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1852325C1</td> </tr> <tr> <td>E</td> <td>J62L</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1852325C1</td> </tr> </tbody> </table> <p>CONNECTOR - 1861375C2 LOCK - 1861376C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	J62B	18	GY	2033819C1	1852325C1	B	J62P	18	GY	2033819C1	1852325C1	C	J62-B	18	WH	2033819C1	1852325C1	D	J62H	18	GY	2033819C1	1852325C1	E	J62L	18	GY	2033819C1	1852325C1	<p>HVAC RECIRC MOTOR (4017) (LOCATED ON EXTERIOR DASH PANEL, RIGHT SIDE)</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>J74</td> <td>18</td> <td>LT GN</td> <td>1861875C1</td> <td>1861872C1</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>D</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>E</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>F</td> <td>J74A</td> <td>18</td> <td>LT GN</td> <td>1861875C1</td> <td>1861872C1</td> </tr> </tbody> </table> <p>CONNECTOR - 2011340C1 LOCK - 2011364C1 PLUG - 2025431C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	J74	18	LT GN	1861875C1	1861872C1	B	PLUG	-	-	-	-	C	PLUG	-	-	-	-	D	PLUG	-	-	-	-	E	PLUG	-	-	-	-	F	J74A	18	LT GN	1861875C1	1861872C1																						
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																																						
A	J62B	18	GY	2033819C1	1852325C1																																																																																																						
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C	J62-B	18	WH	2033819C1	1852325C1																																																																																																						
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CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																																						
A	J74	18	LT GN	1861875C1	1861872C1																																																																																																						
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<p>A/C ACCUMULATOR THERMISTOR #2 (4018) (LOCATED ON EXTERIOR DASH PANEL RIGHT SIDE)</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>J77A</td> <td>20</td> <td>LT GN</td> <td>3536590C1</td> <td></td> </tr> <tr> <td>B</td> <td>J8J</td> <td>20</td> <td>GY</td> <td>3536590C1</td> <td></td> </tr> </tbody> </table> <p>CONNECTOR - 3535378C1 LOCK - 3536591C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	J77A	20	LT GN	3536590C1		B	J8J	20	GY	3536590C1		<p>A/C ACCUMULATOR THERMISTOR #1 (4019) (LOCATED ON EXTERIOR DASH PANEL RIGHT SIDE)</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>J77D</td> <td>20</td> <td>LT GN</td> <td>3536590C1</td> <td></td> </tr> <tr> <td>B</td> <td>J8K</td> <td>20</td> <td>GY</td> <td>3536590C1</td> <td></td> </tr> </tbody> </table> <p>CONNECTOR - 3535378C1 LOCK - 3536591C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	J77D	20	LT GN	3536590C1		B	J8K	20	GY	3536590C1																																																																	
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CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																																						
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C	J19C	18	GY	2033819C1	1852325C1																																																																																																						
<p>WASHER PUMP (4021) (LOCATED AT WASHER BOTTLE)</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>1</td> <td>J87B</td> <td>18</td> <td>GY</td> <td>3554326C1</td> <td>3554318C1</td> </tr> <tr> <td>2</td> <td>J87K</td> <td>18</td> <td>GY</td> <td>3554326C1</td> <td>3554318C1</td> </tr> </tbody> </table> <p>CONNECTOR - 35554294C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	J87B	18	GY	3554326C1	3554318C1	2	J87K	18	GY	3554326C1	3554318C1	<p>WASHER FLUID LEVEL SENSOR (4022) (LOCATED AT WASHER BOTTLE)</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>1</td> <td>J87C</td> <td>18</td> <td>GY</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>2</td> <td>J87H</td> <td>18</td> <td>GY</td> <td>3554322C1</td> <td>3554318C1</td> </tr> </tbody> </table> <p>CONNECTOR - 3554317C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	J87C	18	GY	3554322C1	3554318C1	2	J87H	18	GY	3554322C1	3554318C1																																																																
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<p>AIR ABS ECU #2 (4023) (LOCATED NEAR EXTERIOR DASH PANEL LEFT SIDE ON ABS CONTROLLER)</p>  <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A1</td> <td>J84AH</td> <td>18</td> <td>GY</td> <td>3565443C1</td> <td>D1</td> <td>J84AC</td> <td>18</td> <td>GY</td> <td>3565443C1</td> </tr> <tr> <td>A2</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>D2</td> <td>J84ATC</td> <td>18</td> <td>GY</td> <td>3565443C1</td> </tr> <tr> <td>A3</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>D3</td> <td>J84ATR</td> <td>18</td> <td>GY</td> <td>3565443C1</td> </tr> <tr> <td>B1</td> <td>J84AJ</td> <td>18</td> <td>GY</td> <td>3565443C1</td> <td>E1</td> <td>J84AE</td> <td>18</td> <td>GY</td> <td>3565443C1</td> </tr> <tr> <td>B2</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>E2</td> <td>J84AL</td> <td>18</td> <td>GY</td> <td>3565443C1</td> </tr> <tr> <td>B3</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>E3</td> <td>J84AK</td> <td>18</td> <td>GY</td> <td>3565443C1</td> </tr> <tr> <td>C1</td> <td>J84AF</td> <td>18</td> <td>GY</td> <td>3565443C1</td> <td>F1</td> <td>J84AD</td> <td>18</td> <td>GY</td> <td>3565443C1</td> </tr> <tr> <td>C2</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>F2</td> <td>J84AB</td> <td>18</td> <td>GY</td> <td>3565443C1</td> </tr> <tr> <td>C3</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>F3</td> <td>J84AA</td> <td>18</td> <td>GY</td> <td>3565443C1</td> </tr> </tbody> </table> <p>CONNECTOR - 3554088C1 PLUG - 1867788C1</p>								CAV	CIR	GAUGE	COLOR	TERM	CAV	CIR	GAUGE	COLOR	TERM	A1	J84AH	18	GY	3565443C1	D1	J84AC	18	GY	3565443C1	A2	PLUG	-	-	-	D2	J84ATC	18	GY	3565443C1	A3	PLUG	-	-	-	D3	J84ATR	18	GY	3565443C1	B1	J84AJ	18	GY	3565443C1	E1	J84AE	18	GY	3565443C1	B2	PLUG	-	-	-	E2	J84AL	18	GY	3565443C1	B3	PLUG	-	-	-	E3	J84AK	18	GY	3565443C1	C1	J84AF	18	GY	3565443C1	F1	J84AD	18	GY	3565443C1	C2	PLUG	-	-	-	F2	J84AB	18	GY	3565443C1	C3	PLUG	-	-	-	F3	J84AA	18	GY	3565443C1
CAV	CIR	GAUGE	COLOR	TERM	CAV	CIR	GAUGE	COLOR	TERM																																																																																																		
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A2	PLUG	-	-	-	D2	J84ATC	18	GY	3565443C1																																																																																																		
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B1	J84AJ	18	GY	3565443C1	E1	J84AE	18	GY	3565443C1																																																																																																		
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		2010376C1.			RELEASE NO.	DATE	PART NO.	SHEET																																																																																																			
					P52778H	26JUN00	AE08-52376	27																																																																																																			

Figure 169 Connector Composites (4015), (4017), (4018), (4019), (4020), (4021), (4022), (4023)

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

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																																																																																																																																																			
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AIR ABS ECU #1 (4024) (LOCATED NEAR EXTERIOR DASH PANEL LEFT SIDE ON ABS CONTROLLER)  <div style="margin-top: 10px;"> CONNECTOR - 3554087C1 LOCK - 1687789C1 </div>				<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.7em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th> </tr> </thead> <tbody> <tr><td>A1</td><td>J84-GAC</td><td>18</td><td>WH</td><td>3565443C1</td><td>F1</td><td>J94AP</td><td>18</td><td>GY</td><td>3565443C1</td></tr> <tr><td>A2</td><td>J84-GAB</td><td>18</td><td>WH</td><td>3565443C1</td><td>F2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>A3</td><td>J84-GAA</td><td>18</td><td>WH</td><td>3565443C1</td><td>F3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B1</td><td>J84AYC</td><td>18</td><td>GY</td><td>3565443C1</td><td>G1</td><td>J84AS</td><td>18</td><td>GY</td><td>3565443C1</td></tr> <tr><td>B2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>G2</td><td>J30(+)</td><td>18</td><td>DK BL</td><td>3565443C1</td></tr> <tr><td>B3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>G3</td><td>J30(-)</td><td>18</td><td>GY</td><td>3565443C1</td></tr> <tr><td>C1</td><td>J84AW</td><td>18</td><td>GY</td><td>3565443C1</td><td>H1</td><td>J84AR</td><td>18</td><td>GY</td><td>3565443C1</td></tr> <tr><td>C2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>H2</td><td>J84AT</td><td>18</td><td>GY</td><td>3565443C1</td></tr> <tr><td>C3</td><td>J50(+)</td><td>20</td><td>YL</td><td>3565443C1</td><td>H3</td><td>J84AU</td><td>18</td><td>GY</td><td>3565443C1</td></tr> <tr><td>D1</td><td>J84AX</td><td>18</td><td>GY</td><td>3565443C1</td><td>J1</td><td>J84AM</td><td>18</td><td>GY</td><td>3565443C1</td></tr> <tr><td>D2</td><td>J50(S)</td><td>20</td><td>NONE</td><td>3565443C1</td><td>J2</td><td>J84AN</td><td>18</td><td>GY</td><td>3565443C1</td></tr> <tr><td>D3</td><td>J50(-)</td><td>20</td><td>GN</td><td>3565443C1</td><td>J3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E1</td><td>J84AV</td><td>18</td><td>GY</td><td>3565443C1</td><td>K1</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>K2</td><td>J84AYA</td><td>18</td><td>GY</td><td>3565443C1</td></tr> <tr><td>E3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>K3</td><td>J84AYB</td><td>18</td><td>GY</td><td>3565443C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	CAV	CIR	GAUGE	COLOR	TERM	A1	J84-GAC	18	WH	3565443C1	F1	J94AP	18	GY	3565443C1	A2	J84-GAB	18	WH	3565443C1	F2	PLUG	-	-	-	A3	J84-GAA	18	WH	3565443C1	F3	PLUG	-	-	-	B1	J84AYC	18	GY	3565443C1	G1	J84AS	18	GY	3565443C1	B2	PLUG	-	-	-	G2	J30(+)	18	DK BL	3565443C1	B3	PLUG	-	-	-	G3	J30(-)	18	GY	3565443C1	C1	J84AW	18	GY	3565443C1	H1	J84AR	18	GY	3565443C1	C2	PLUG	-	-	-	H2	J84AT	18	GY	3565443C1	C3	J50(+)	20	YL	3565443C1	H3	J84AU	18	GY	3565443C1	D1	J84AX	18	GY	3565443C1	J1	J84AM	18	GY	3565443C1	D2	J50(S)	20	NONE	3565443C1	J2	J84AN	18	GY	3565443C1	D3	J50(-)	20	GN	3565443C1	J3	PLUG	-	-	-	E1	J84AV	18	GY	3565443C1	K1	PLUG	-	-	-	E2	PLUG	-	-	-	K2	J84AYA	18	GY	3565443C1	E3	PLUG	-	-	-	K3	J84AYB	18	GY	3565443C1
CAV	CIR	GAUGE	COLOR	TERM	CAV	CIR	GAUGE	COLOR	TERM																																																																																																																																																														
A1	J84-GAC	18	WH	3565443C1	F1	J94AP	18	GY	3565443C1																																																																																																																																																														
A2	J84-GAB	18	WH	3565443C1	F2	PLUG	-	-	-																																																																																																																																																														
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D2	J50(S)	20	NONE	3565443C1	J2	J84AN	18	GY	3565443C1																																																																																																																																																														
D3	J50(-)	20	GN	3565443C1	J3	PLUG	-	-	-																																																																																																																																																														
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E3	PLUG	-	-	-	K3	J84AYB	18	GY	3565443C1																																																																																																																																																														
FUEL FILTER (4030) (LOCATED IN ENGINE COMPARTMENT AT FUEL FILTER)  <div style="margin-top: 10px;"> CONNECTOR - 1687733C1 LOCK - 1687734C1 PLUG - 1675451C1 </div>				FLOW SWITCH (4031) (LOCATED NEAR BRAKE FLUID RESERVOIR)  <div style="margin-top: 10px;"> CONNECTOR - 3519587C1 </div>																																																																																																																																																																			
DIFFERENTIAL PRESSURE SWITCH (4032) (LOCATED NEAR BRAKE FLUID RESERVOIR)  <div style="margin-top: 10px;"> CONNECTOR ASSY INCLUDING TERMINALS & WIRES - 3516873C91 </div>				HYDRAMAX PUMP RELAY (4033) (LOCATED NEAR HYDRAMAX PUMP MOTOR)  <div style="margin-top: 10px;"> CONNECTOR - 1681747C91 </div>																																																																																																																																																																			
WIF MODULE (4040) (LOCATED NEAR EXTERIOR DASH PANEL, LEFT SIDE)  <div style="margin-top: 10px;"> CONNECTOR - 2036586C1 PLUG - 1687783C1 WIF MODULE - 1811164C2 </div>				FUEL FILTER (4041) (LOCATED ON FUEL FILTER)  <div style="margin-top: 10px;"> CONNECTOR ASSY INCLUDING TERMINAL & WIRE - 1684023C91 </div>																																																																																																																																																																			

CHK	DATE	CHANGE	REV	REFERENCE	DRWN	NAME
PEC	9OCT02	DVD/3554087C1 WAS	D	56507Z	U00DAG9	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS
		1687789C1			RELEASE NO. P5277BH	DATE 28JUN00 PART NO. AE08-52376 SHEET 28

Figure 170 Connector Composites (4024), (4030), (4031), (4032), (4033), (4040), (4041)

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






INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																										
THIS SPACE INTENTIONALLY LEFT BLANK		THIS SPACE INTENTIONALLY LEFT BLANK																																																																																										
PRESSURE SWITCH (4070) LOCATED IN ENGINE COMPARTMENT  <table border="1" style="font-size: 8px; margin-top: 5px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr><td>C</td><td>J44J</td><td>18</td><td>GY</td><td>1661875C1</td></tr> <tr><td>D</td><td>J44K</td><td>18</td><td>GY</td><td>1661875C1</td></tr> </table> <p style="font-size: 8px; margin-top: 5px;">CONNECTOR - 1661777C1 LOCK - 1661873C1</p>		CAV	CIR	GAUGE	COLOR	TERM	C	J44J	18	GY	1661875C1	D	J44K	18	GY	1661875C1	DUMP SOLENOID (4071) LOCATED IN ENGINE COMPARTMENT  <table border="1" style="font-size: 8px; margin-top: 5px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr><td>A</td><td>J44K</td><td>18</td><td>GY</td><td>2033819C1</td></tr> <tr><td>B</td><td>J44L</td><td>18</td><td>GY</td><td>2033819C1</td></tr> </table> <p style="font-size: 8px; margin-top: 5px;">CONNECTOR - 1671610C1 LOCK - 1671608C1</p>		CAV	CIR	GAUGE	COLOR	TERM	A	J44K	18	GY	2033819C1	B	J44L	18	GY	2033819C1																																																											
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CAV	CIR	GAUGE	COLOR	TERM																																																																																								
A	J44K	18	GY	2033819C1																																																																																								
B	J44L	18	GY	2033819C1																																																																																								
PAM MODULE (4087) (LOCATED NEAR AIR FILTER IN ENGINE COMPARTMENT)  <table border="1" style="font-size: 8px; margin-top: 5px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr><td>1</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>J26D</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>7</td><td>J5P(+)</td><td>20</td><td>YL</td><td>3518963C1</td></tr> <tr><td>8</td><td>J5P(-)</td><td>20</td><td>GN</td><td>3518963C1</td></tr> <tr><td>9</td><td>J5P(S)</td><td>20</td><td>NONE</td><td>3518963C1</td></tr> <tr><td>10</td><td>J26A</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>11</td><td>J26B</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>12</td><td>J11-GPM</td><td>18</td><td>WH</td><td>3518963C1</td></tr> </table> <p style="font-size: 8px; margin-top: 5px;">CONNECTOR - 3553404C1 BODY LOCK - 3553460C1 PLUG - 3527276C1</p>		CAV	CIR	GAUGE	COLOR	TERM	1	PLUG	-	-	-	2	PLUG	-	-	-	3	PLUG	-	-	-	4	PLUG	-	-	-	5	PLUG	-	-	-	6	J26D	18	TN	3518963C1	7	J5P(+)	20	YL	3518963C1	8	J5P(-)	20	GN	3518963C1	9	J5P(S)	20	NONE	3518963C1	10	J26A	18	TN	3518963C1	11	J26B	18	TN	3518963C1	12	J11-GPM	18	WH	3518963C1	AIR SUSPENSION (4098) (LOCATED IN ENGINE COMPARTMENT NEAR LEFT FRAME RAIL)  <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p style="font-size: 8px; margin-top: 5px;">CONNECTOR - 1671610C1 BODY LOCK - 1671608C1 SEAL - 1652325C1 TERMINAL - 2033819C1 (18 AWG)</p> <table border="1" style="font-size: 8px; margin-top: 5px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>J61</td><td>16</td><td>GY</td></tr> <tr><td>B</td><td>J61-G</td><td>18</td><td>GY</td></tr> </table> </div> <div style="width: 48%;"> <p style="font-size: 8px; margin-top: 5px;">CONNECTOR - 1671611C1 BODY LOCK - 1671608C1 SEAL - 1652325C1 TERMINAL - 2033911C1 (18 AWG)</p> <table border="1" style="font-size: 8px; margin-top: 5px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>J61A</td><td>16</td><td>GY</td></tr> <tr><td>B</td><td>J61-GA</td><td>16</td><td>WH</td></tr> </table> </div> </div>		CAV	CIR	GAUGE	COLOR	A	J61	16	GY	B	J61-G	18	GY	CAV	CIR	GAUGE	COLOR	A	J61A	16	GY	B	J61-GA	16	WH
CAV	CIR	GAUGE	COLOR	TERM																																																																																								
1	PLUG	-	-	-																																																																																								
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3	PLUG	-	-	-																																																																																								
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8	J5P(-)	20	GN	3518963C1																																																																																								
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DASH CONNECTOR STARTER/CEC POWER (4101)  <table border="1" style="font-size: 8px; margin-top: 5px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>K97T</td><td>10</td><td>VT</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>B</td><td>K97X</td><td>10</td><td>VT</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>C</td><td>K17C</td><td>10</td><td>PK</td><td>1667737C1</td><td>1667735C1</td></tr> </table> <p style="font-size: 8px; margin-top: 5px;">CONNECTOR - 1667733C1</p>		CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K97T	10	VT	1667737C1	1667735C1	B	K97X	10	VT	1667737C1	1667735C1	C	K17C	10	PK	1667737C1	1667735C1	THIS SPACE INTENTIONALLY LEFT BLANK																																																																		
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CNA	11SEP03	ADDED 4101.	E	58774T	U00DAG9																																																																																							
					RELEASE NO.	DATE	PART NO.	SHEET																																																																																				
					P52778H	28JUN00	AE08-52376	29																																																																																				

Figure 171 Connector Composites (4070), (4071), (4087), (4098), (4101)

CONNECTOR COMPOSITE (4103), P. 30

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	
CONNECTOR - 3559022C1 SEAL - 3559074C1 LOCK - 3559058C1 SMALL PLUG - 3532129C1						ENGINE/DASH (4103)	
16 - EGR - ENGINE HARNESS						VB ENGINE HARNESS	
CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES	
1	K97LA	18	VT	3559037C1	3509903C1		
2	K99S	18	VT	3559036C1	3509903C1		
3	K97K	18	VT	3559036C1	3509903C1		
4	K97C	18	VT	3559036C1	3509903C1		
5	K99T	18	VT	3559036C1	3509903C1		
6	K97R	18	VT	3559036C1	3509903C1		
7	K5A(+)	18	YL	3559036C1	3532128C1		
8	K5A(-)	18	GN	3559036C1	3532128C1		
9	PLUG	-	-	-	-		
10	K3A(+)	18	DK BL	3559036C1	3509903C1		
11	K3B(-)	18	GY	3559036C1	3509903C1		
12	K21B	18	TN	3559036C1	3509903C1		
13	K1	18	LT BL	3559037C1	3509903C1		
14	K23A	18	TN	3559037C1	3509903C1	W/AIR FAN	
15	K97DF	18	VT	3559036C1	3509903C1	W/BODY BUILDER	
16	K24B	18	GY	3559036C1	3509903C1		
17	K24A	18	GY	3559036C1	3509903C1		
18	K17K	18	PK	3559036C1	3509903C1	W/OVERCRANK PROT	
19	K17M	18	WH	3559036C1	3509903C1	N/OVERCRANK PROT	
20	K97J	18	VT	3559037C1	3509903C1		
21	K97M	18	VT	3559037C1	3509903C1		
22	K77A	18	LT GN	3559037C1	3509903C1		
23	PLUG	-	-	-	-		
24	K26A	18	TN	3559036C1	3509903C1		
25	K26B	18	TN	3559036C1	3509903C1		
26	PLUG	-	-	-	-		

CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES
1	J97LA	18	VT	3509874C1	3509903C1	
2	J92RA	18	TN	3509874C1	3509903C1	
3	J99W	18	VT	3509874C1	3509903C1	
4	J30A	18	TN	3509874C1	3509903C1	
5	J99U	18	VT	3509874C1	3509903C1	
6	J30B	18	TN	3509874C1	3509903C1	
7	J97QA	18	VT	3509874C1	3509903C1	
8	J97Q	18	VT	3509874C1	3509903C1	
9	J97P	18	VT	3509874C1	3509903C1	
10	J99V	18	VT	3509874C1	3509903C1	
11	J97Y	18	VT	3509874C1	3509903C1	
12	J5E(+)	20	YL	3509874C1	3509903C1	N/AIR ABS
13	J5C(+)	20	YL	3509874C1	3509903C1	W/AIR ABS
14	J5E(-)	20	GN	3509874C1	3509903C1	N/AIR ABS
15	J5C(-)	20	GN	3509874C1	3509903C1	W/AIR ABS
16	PLUG	-	-	-	-	
17	J3B(+)	18	DK BL	3509874C1	3509903C1	
18	J3B(-)	18	GY	3509874C1	3509903C1	
19	J97C	18	VT	3559035C1	3509903C1	W/VB
20	J21F	18	TN	3509874C1	3509903C1	W/ETHER START
21	J1	18	LT BL	3509874C1	3509903C1	
22	J97DF	18	TN	3509874C1	3509903C1	
23	J23FS	18	TN	3509874C1	3509903C1	W/AIR FAN
24	J23A	18	TN	3509874C1	3509903C1	W/ELECT FAN
25	J23	18	TN	3509874C1	3509903C1	W/ELECT FAN
26	J24B	18	GY	3509874C1	3509903C1	W/EXHAUST BRAKE
27	LM17J	18	PK	3509874C1	3509903C1	
28	J23	18	TN	3509874C1	3509903C1	
29	J19A	18	GY	3559035C1	3509903C1	W/VB
30	J24A	18	GY	3509874C1	3509903C1	W/EXHAUST BRAKE
31	J17S	18	PK	3509874C1	3509903C1	
32	J62RB	18	TN	3559035C1	3509903C1	
33	J19A	14	GY	3559035C1	3509903C1	
34	J17S	18	PK	3509874C1	3509903C1	
35	J17F	14	PK	3559035C1	3509903C1	
36	J97J	18	VT	3509874C1	3509903C1	W/VB
37	J97T	18	VT	3509874C1	3509903C1	W/16
38	J17G	14	PK	3559035C1	3509903C1	
39	J97JA	18	VT	3509874C1	3509903C1	W/VB
40	J97J	18	VT	3509874C1	3509903C1	W/16
41	J97B	18	VT	3509874C1	3509903C1	
42	J77B	18	LT GN	3559035C1	3509903C1	
43	J97H	18	VT	3509874C1	3509903C1	
44	J26A	18	TN	3509874C1	3509903C1	
45	J26B	18	TN	3509874C1	3509903C1	
46	J19C	18	GY	3509874C1	3509903C1	

ENGINE/DASH (4103)

DASH HARNESS

CONNECTOR - 3559026C1
LOCK - 3559058C1
SMALL PLUG - 3532129C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA	11SEP03	MULTIPLE CHANGES.	E	58774T	U00DAG9	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS
					RELEASE NO.	DATE
					P52778H	28JUN00
						PART NO.
						AE08-52376
						SHEET
						30

Figure 172 Connector Composite (4103)

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

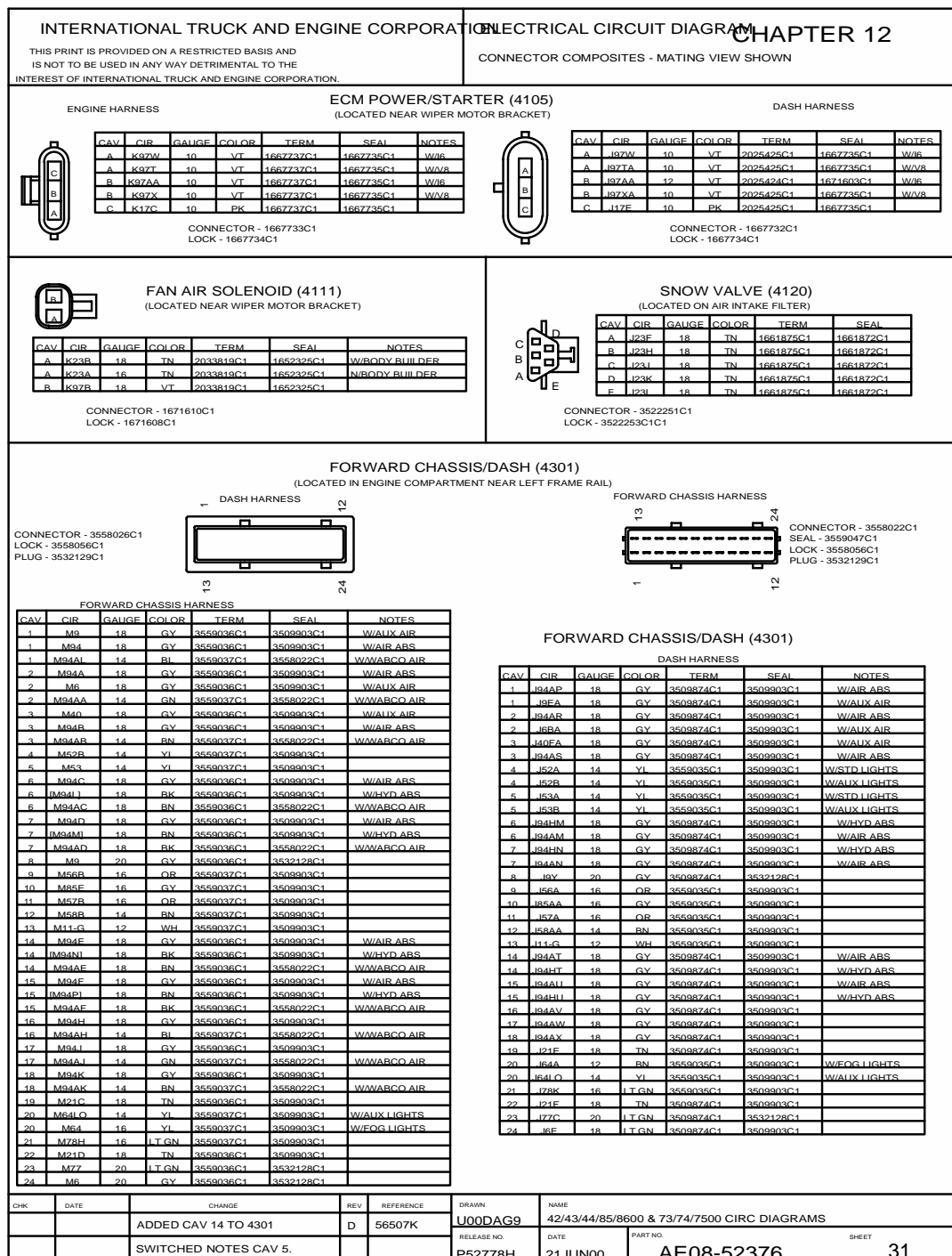


Figure 173 Connector Composites (4105), (4111), (4120), (4301)

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

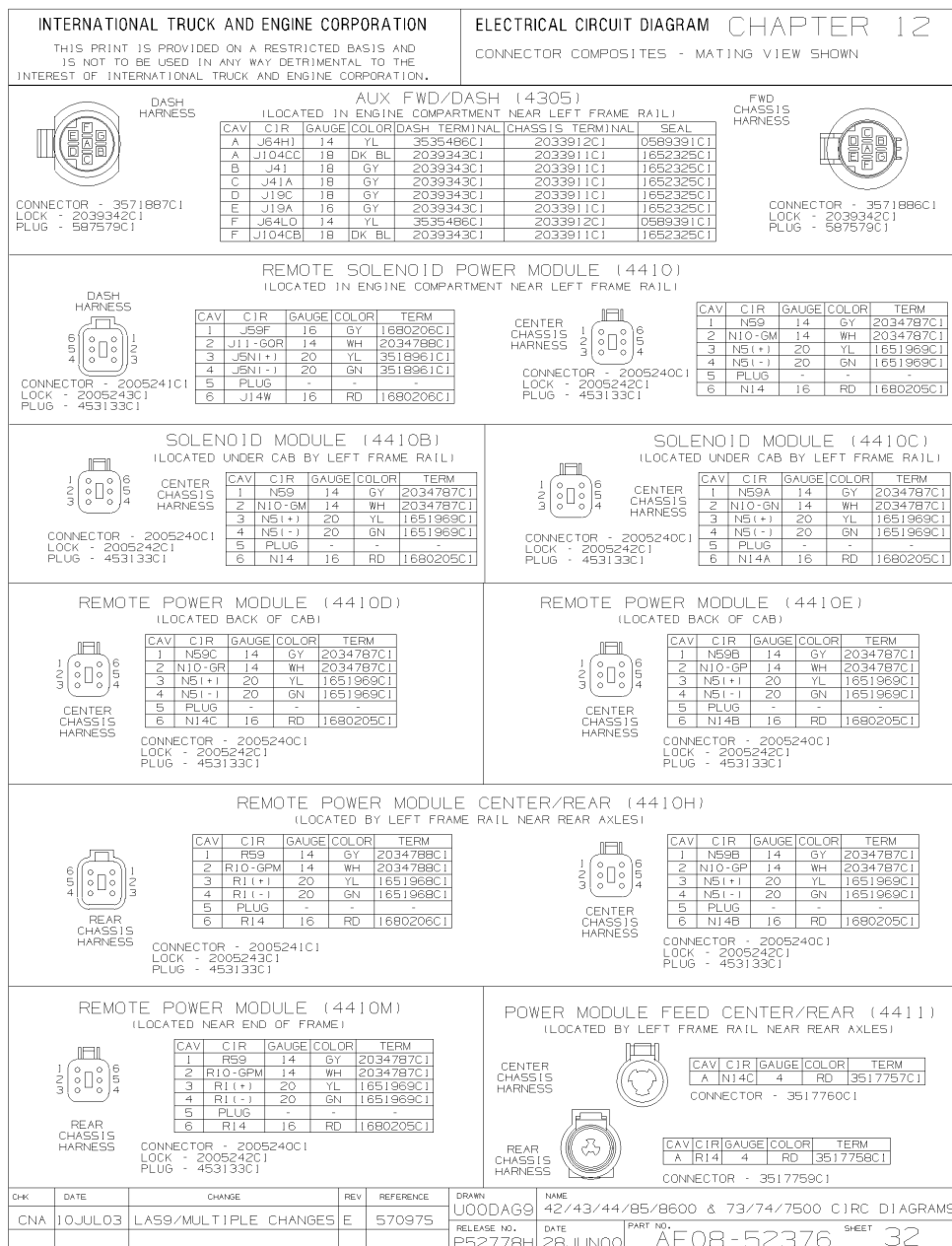


Figure 174 Connector Composites (4305), (4410), (4410B), (4410C), (4410D), (4410E), (4410H), (4410M), (4411)

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

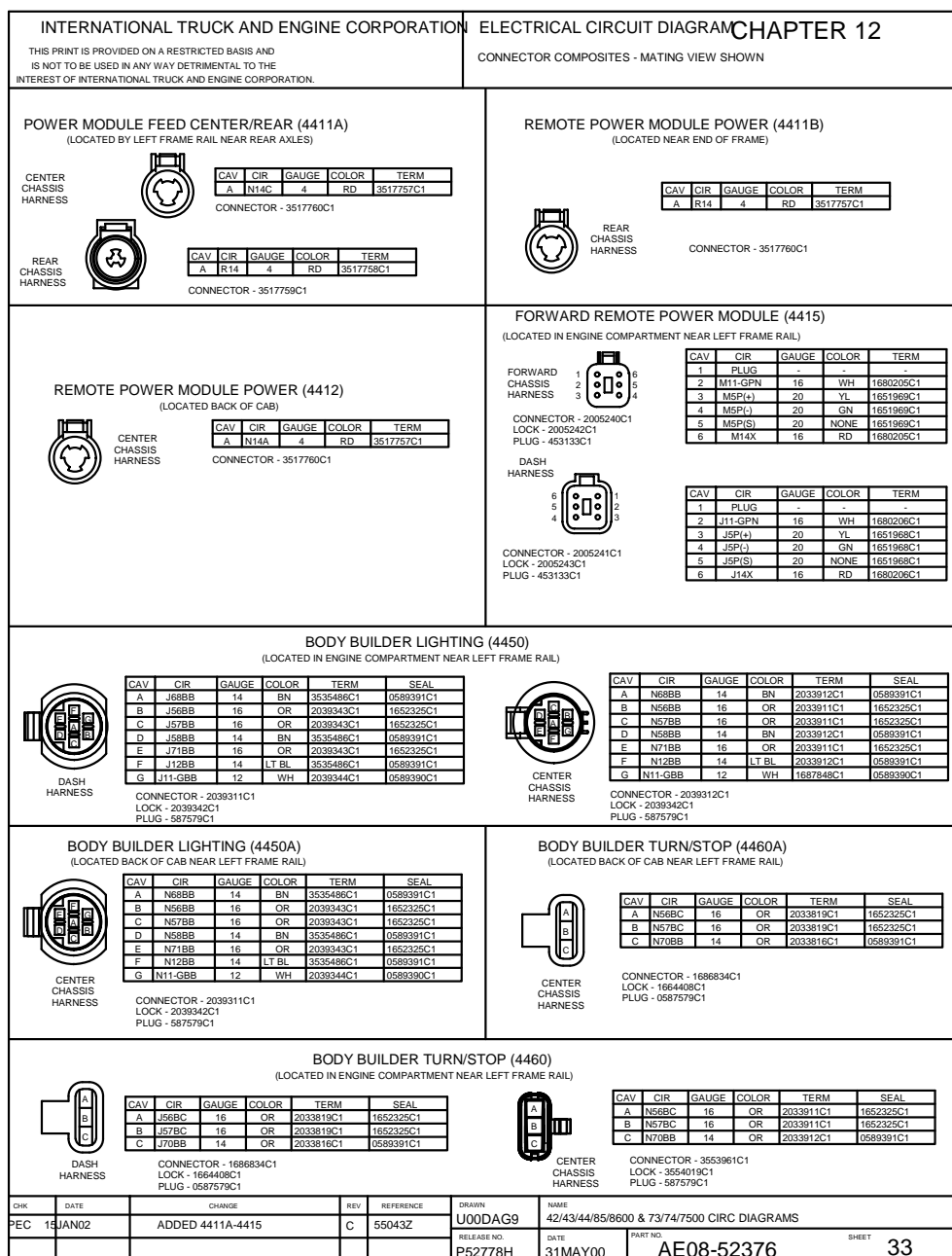


Figure 175 Connector Composites (4411A), (4411B), (4412), (4415), (4450), (4450A), (4460A), (4460)

CONNECTOR COMPOSITE (4705), P. 34

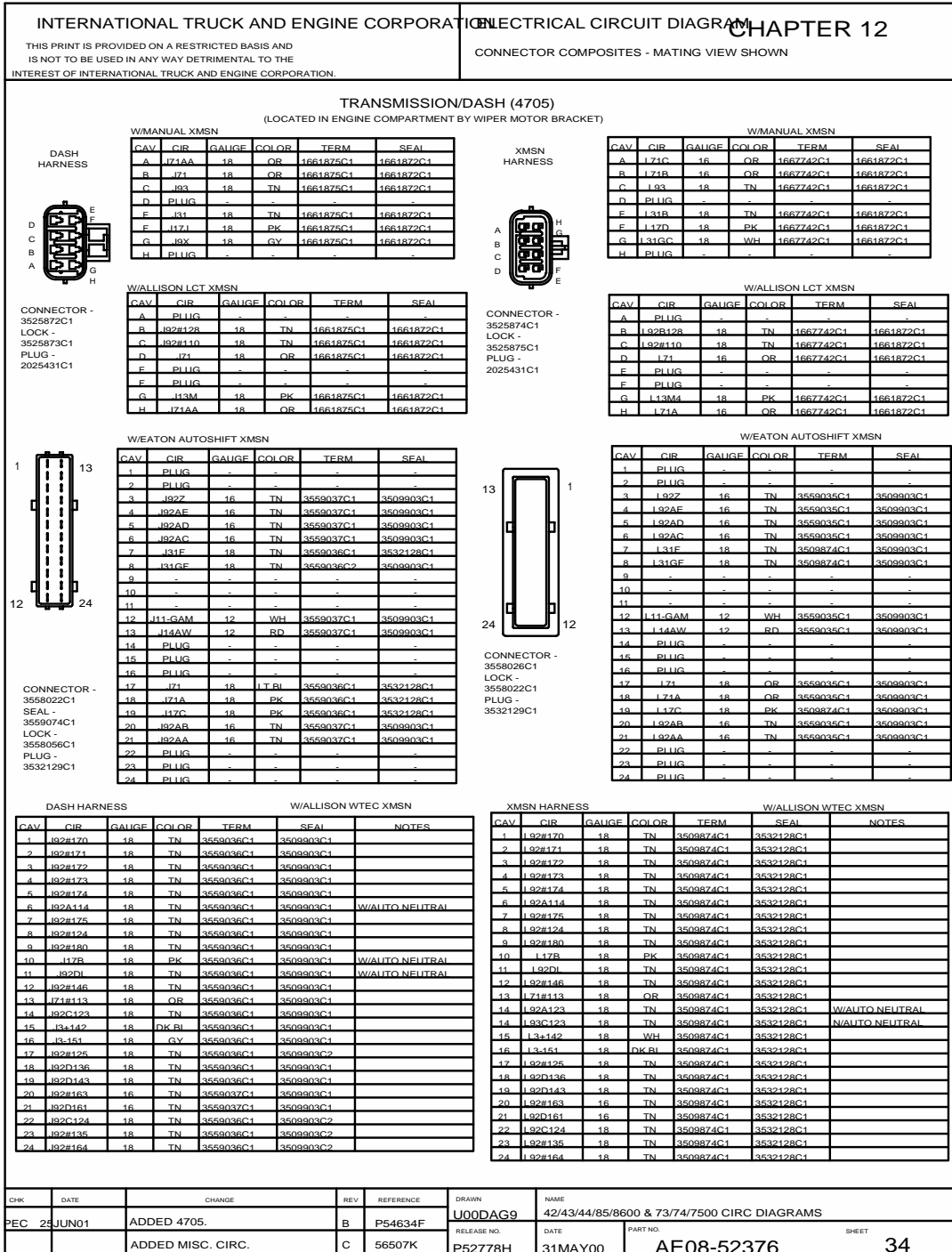


Figure 176 Connector Composite (4705)

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

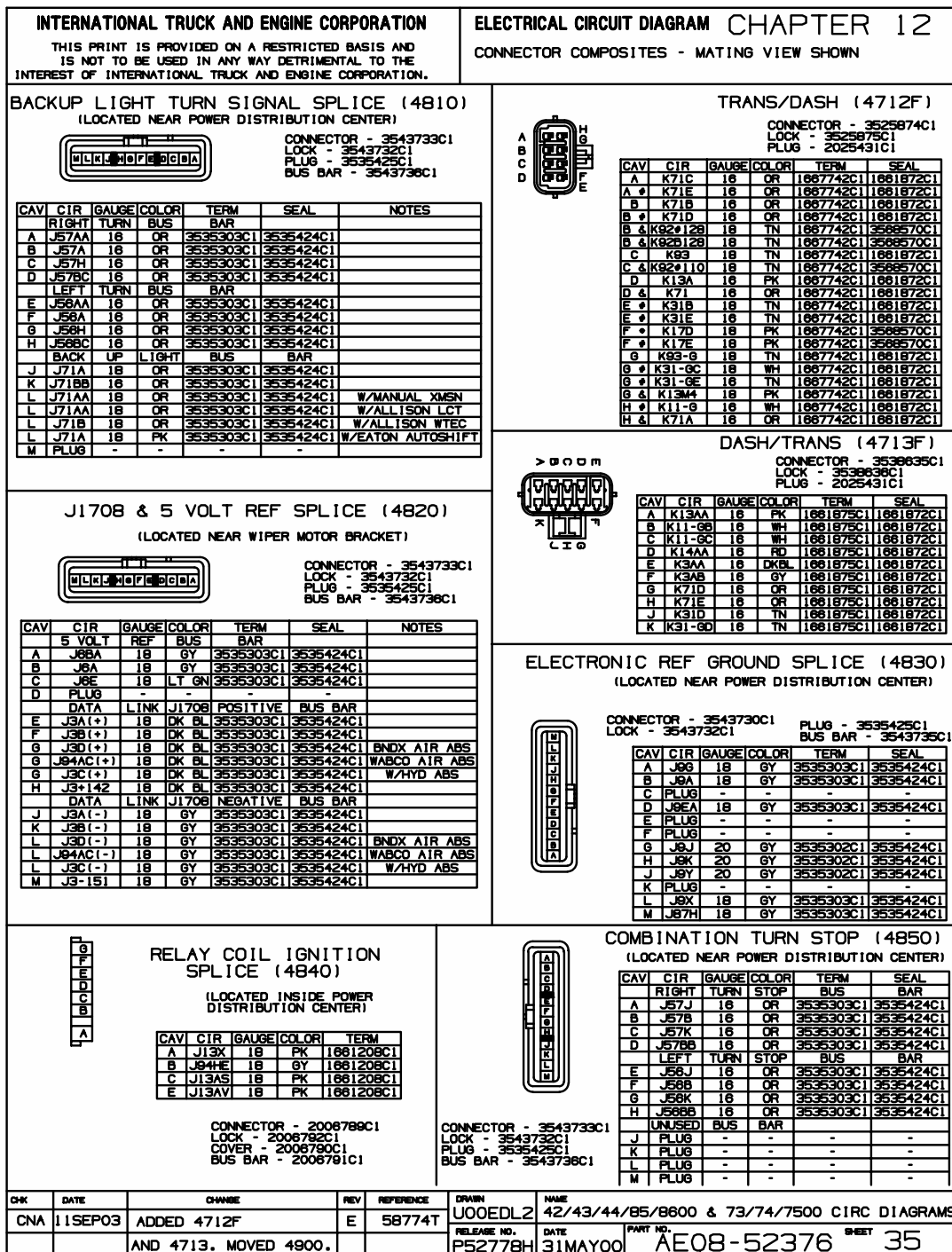
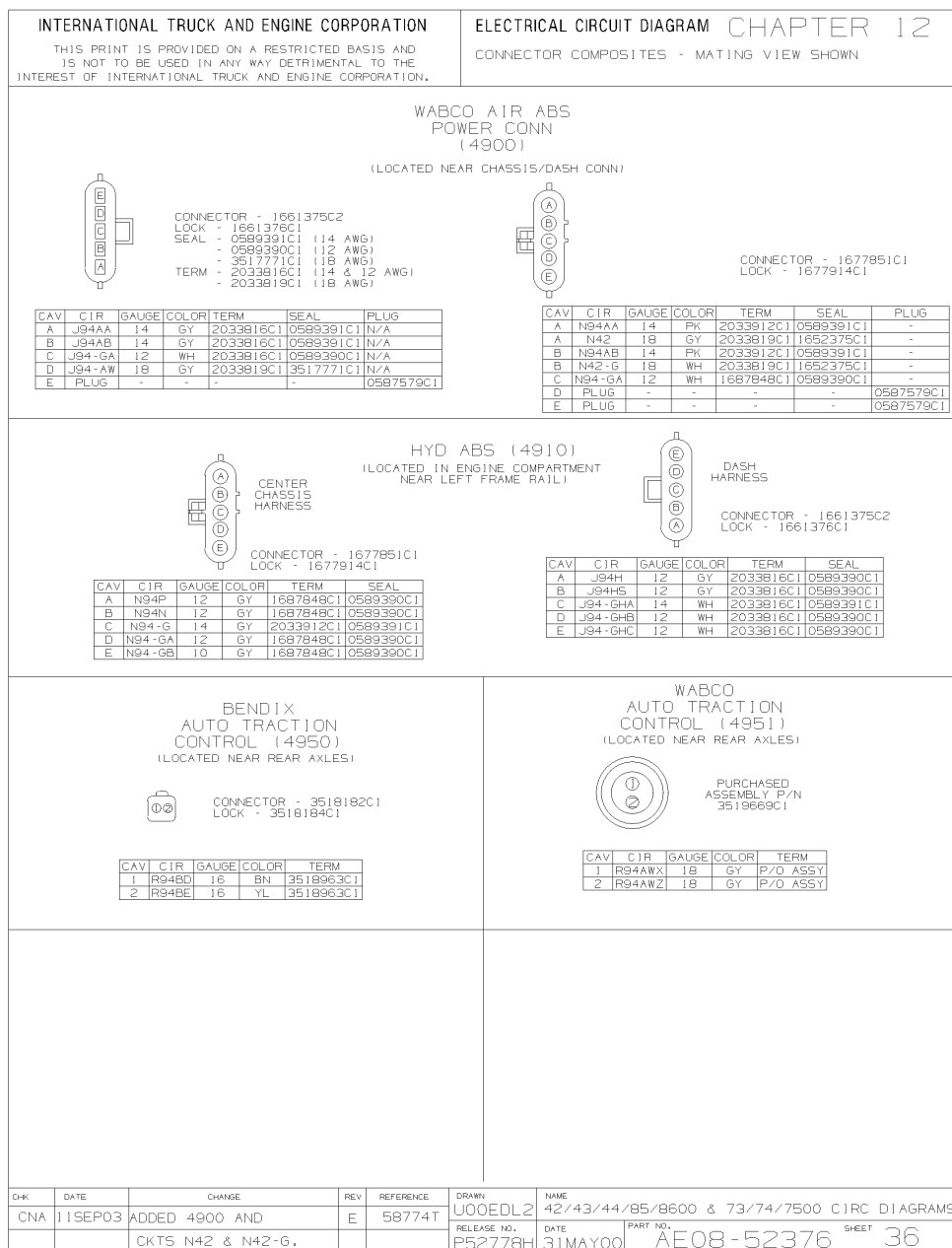


Figure 177 Connector Composites (4810), (4712F), (4820), (4713F), (4830), (4840), (4850)

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



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

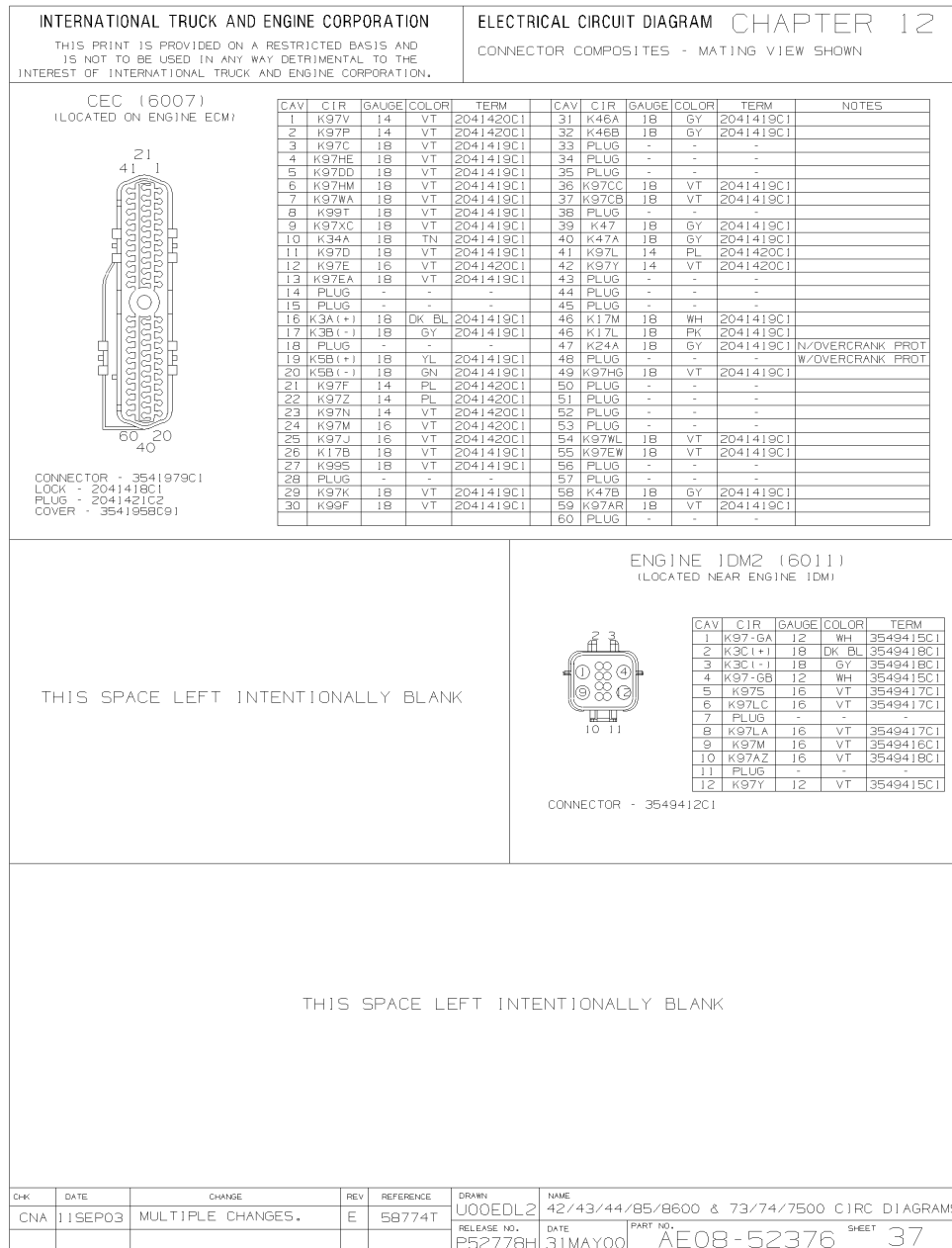


Figure 179 Connector Composites (6007), (6011)

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

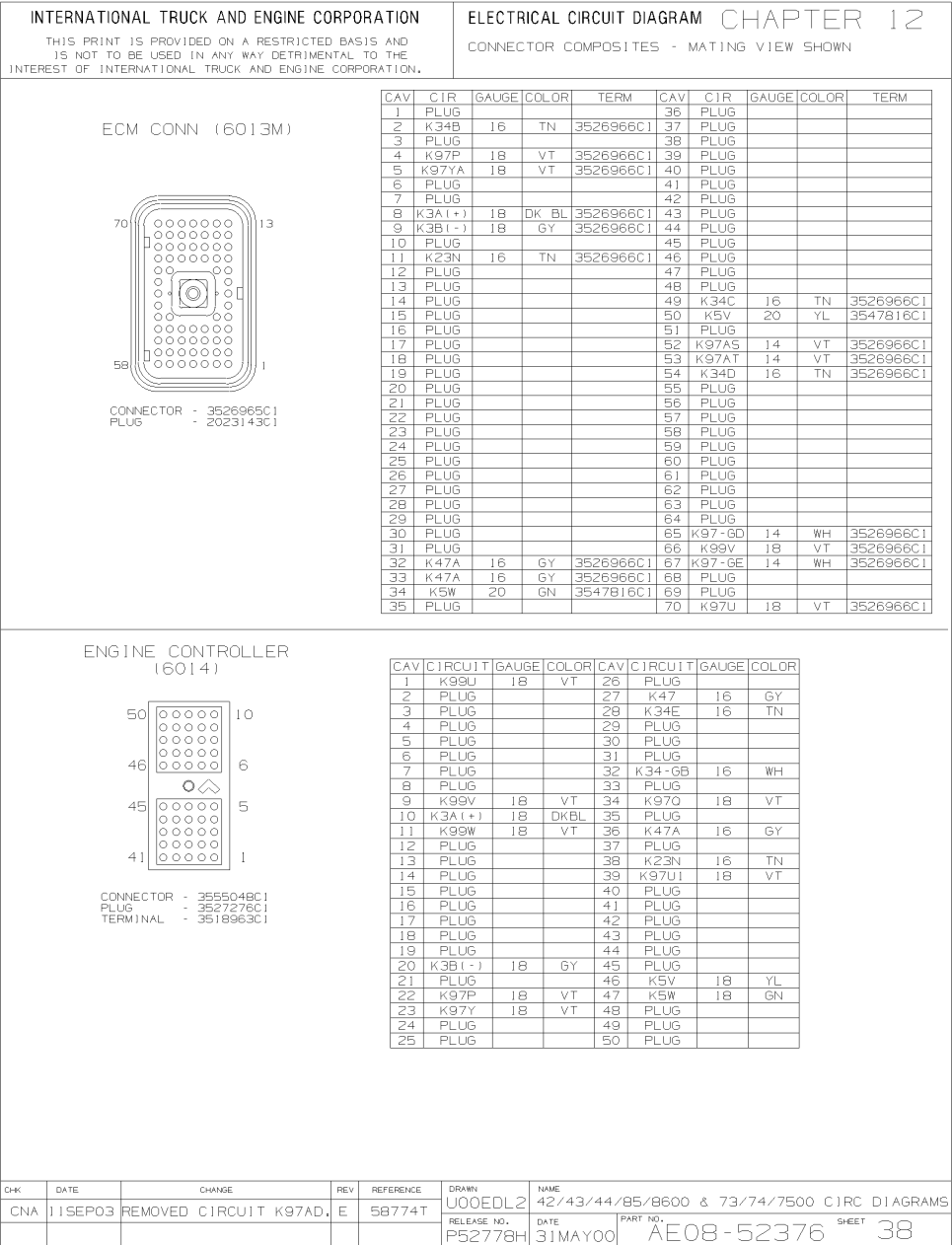


Figure 180 Connector Composites (6013M), (6014)

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

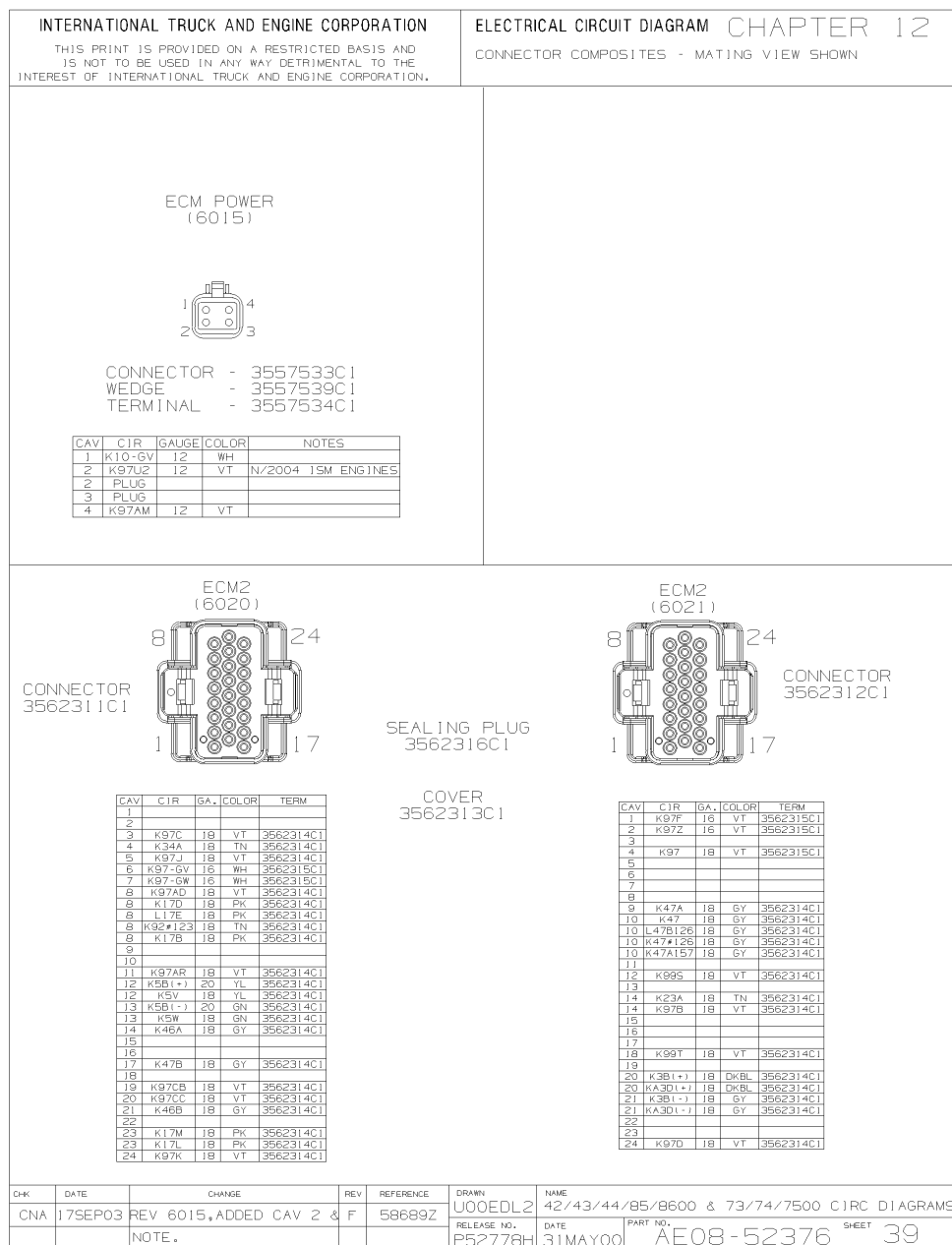


Figure 181 Connector Composites (6015), (6020), (6021)

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

















INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																																																									
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																									
FREON COMPRESSOR (6200) (LOCATED ON FREON COMPRESSOR)  <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> <th>NOTE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K77-G</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> <td></td> </tr> <tr> <td>B</td> <td>K77A</td> <td>16</td> <td>LT</td> <td>2033819C1</td> <td>1652325C1</td> <td></td> </tr> <tr> <td>A</td> <td>K77-G</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> <td>W/SS</td> </tr> <tr> <td>B</td> <td>K77B</td> <td>16</td> <td>LT</td> <td>2033819C1</td> <td>1652325C1</td> <td>W/SS</td> </tr> </tbody> </table> <p>CONNECTOR - 1671610C1 LOCK - 1671608C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTE	A	K77-G	16	WH	2033819C1	1652325C1		B	K77A	16	LT	2033819C1	1652325C1		A	K77-G	16	WH	2033819C1	1652325C1	W/SS	B	K77B	16	LT	2033819C1	1652325C1	W/SS	START MOTOR THERMAL OVERCRANK (6316) (LOCATED ON START MOTOR)  <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> <th>NOTE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K17L</td> <td>18</td> <td>PK</td> <td>2036586C1</td> <td></td> <td></td> </tr> <tr> <td>B</td> <td>K17K</td> <td>18</td> <td>PK</td> <td>2036586C1</td> <td></td> <td></td> </tr> <tr> <td>A</td> <td>K17J</td> <td>16</td> <td>PK</td> <td>2036586C1</td> <td>W/SS</td> <td></td> </tr> <tr> <td>B</td> <td>K17S</td> <td>16</td> <td>PK</td> <td>2036586C1</td> <td>W/SS</td> <td></td> </tr> </tbody> </table> <p>CONNECTOR - 2036583C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTE	A	K17L	18	PK	2036586C1			B	K17K	18	PK	2036586C1			A	K17J	16	PK	2036586C1	W/SS		B	K17S	16	PK	2036586C1	W/SS	
CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTE																																																																							
A	K77-G	16	WH	2033819C1	1652325C1																																																																								
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CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES																																																																							
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A	K97X	10	VT	2025423C1	2025426C1	W/VB ENG																																																																							
B	K97-G	10	WH	2025423C1	2025426C1	W/VB ENG																																																																							
A	K97AM	10	VT	2025423C1	2025426C1	W/SS																																																																							
B	K97-GA	10	WH	2025423C1	2025426C1	W/SS																																																																							
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2-WAY RADIO CONNECTION (6334) (LOCATED NEAR STARTER MOTOR)  <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>N14HC</td> <td>10</td> <td>RD</td> <td>1687848C1</td> <td>589390C1</td> </tr> <tr> <td>B</td> <td>N14-GD</td> <td>10</td> <td>WH</td> <td>1687848C1</td> <td>589390C1</td> </tr> </tbody> </table> <p>LOCK - 1671608C1 PLUG - 587579C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N14HC	10	RD	1687848C1	589390C1	B	N14-GD	10	WH	1687848C1	589390C1	LOW COOLANT SENSOR (6400) (LOCATED ON SURGE TANK)  <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>K34A</td> <td>18</td> <td>TN</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>K34-G</td> <td>18</td> <td>WH</td> <td>2036586C1</td> </tr> </tbody> </table> <p>CONNECTOR - 2036583C1</p>				CAV	CIR	GAUGE	COLOR	TERM	A	K34A	18	TN	2036586C1	B	K34-G	18	WH	2036586C1																																					
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MELROSE ENG HARN (6401) (LOCATED NEAR ENGINE FAN DRIVE)  <table border="1"> <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>K97B</td> <td>18</td> <td>VT</td> <td>2033911C1</td> <td>1652325C1</td> <td>NO FAN</td> </tr> <tr> <td>A</td> <td>K23A</td> <td>18</td> <td>TN</td> <td>2033911C1</td> <td>1652325C1</td> <td>W/ FAN</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> <p>CONNECTOR - 1671611C1 LOCK - 1671608C1 PLUG - 587579C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES	A	K97B	18	VT	2033911C1	1652325C1	NO FAN	A	K23A	18	TN	2033911C1	1652325C1	W/ FAN	B	PLUG	-	-	-	-	-	ELECTRIC CLUTCH FAN DRIVE (6406) (LOCATED ON ENGINE FAN DRIVE)  <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>K23</td> <td>18</td> <td>TN</td> <td>0587576C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>K23-G</td> <td>18</td> <td>WH</td> <td>0587576C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p>CONNECTOR - 587568C91</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K23	18	TN	0587576C1	1652325C1	B	K23-G	18	WH	0587576C1	1652325C1																								
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B	PLUG	-	-	-	-	-																																																																							
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LOW COOLANT SENSOR (6407)  <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>K34D</td> <td>16</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>K34-GA</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>K34B</td> <td>16</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>D</td> <td>K34C</td> <td>16</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> <p>CONNECTOR - 1673746C1 BODY LOCK - 1661873C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K34D	16	TN	1661875C1	1661872C1	B	K34-GA	16	WH	1661875C1	1661872C1	C	K34B	16	TN	1661875C1	1661872C1	D	K34C	16	TN	1661875C1	1661872C1	LOW COOLANT SENSOR (6407D)  <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>K34E</td> <td>16</td> <td>TN</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>K34-GB</td> <td>16</td> <td>WH</td> <td></td> <td></td> </tr> </tbody> </table> <p>CONNECTOR - 1671610C1 SEAL - 1652325C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	K34E	16	TN			2	K34-GB	16	WH																								
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																								
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FAN AIR SOLENOID (6409)  <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>K23N</td> <td>16</td> <td>TN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>K23-G</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p>CONNECTOR - 1671610C1 LOCK - 1671608C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K23N	16	TN	2033819C1	1652325C1	B	K23-G	16	WH	2033819C1	1652325C1	EXHAUST BRAKE (6500) (LOCATED ON EXHAUST BRAKE SOLENOID)  <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>K24B</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>K24-G</td> <td>18</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p>CONNECTOR - 1671610C1 LOCK - 1671608C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K24B	18	GY	2033819C1	1652325C1	B	K24-G	18	WH	2033819C1	1652325C1																																		
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		AND 6401.			RELEASE NO.	DATE																																																																							
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						AE08-52376																																																																							
						SHEET																																																																							
						40																																																																							

Figure 182 Connector Composites (6200), (6316), (6323), (6332), (6333), (6334), (6400), (6401M), (6401), (6406), (6407), (6407D), (6409), (6500)

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

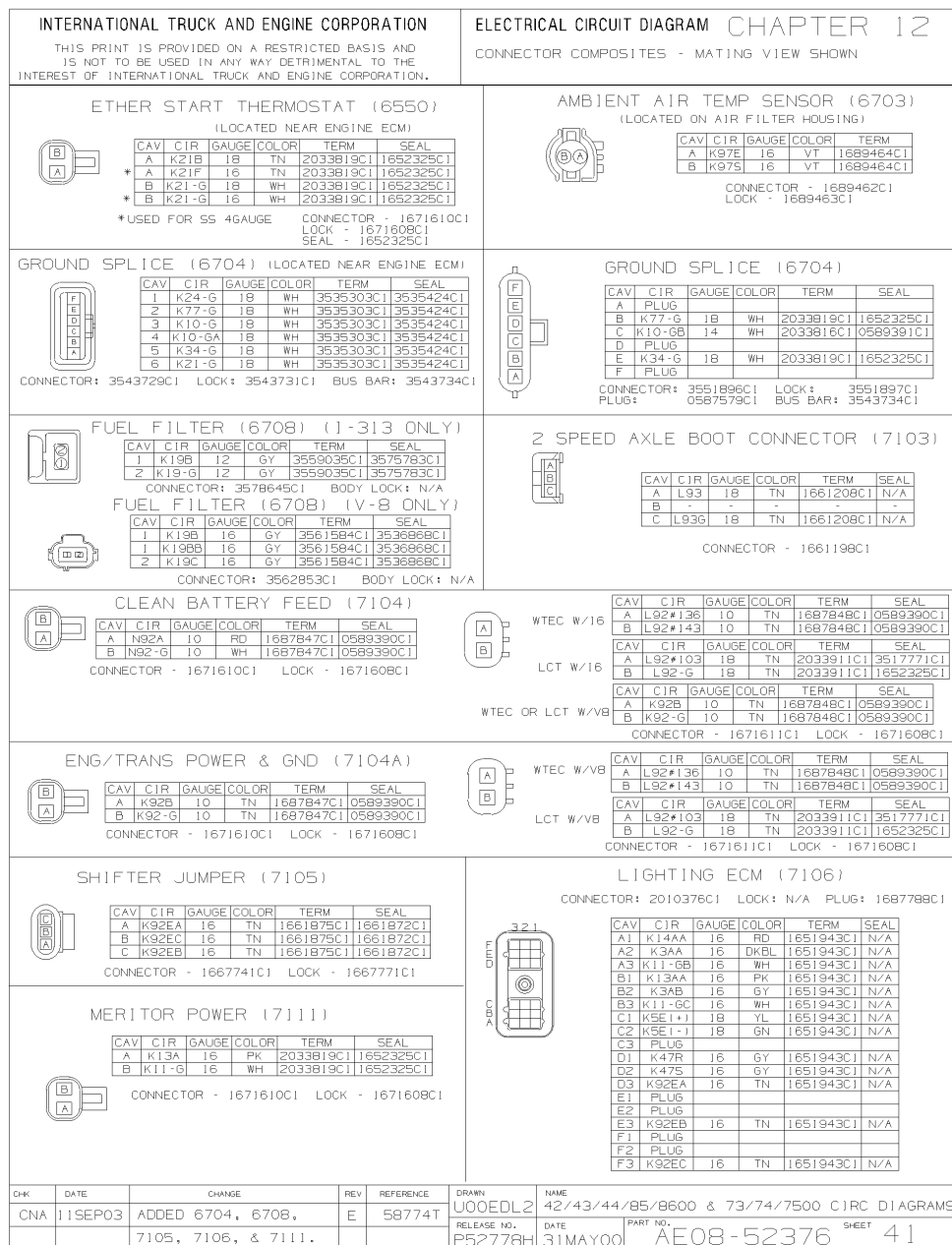



Figure 183 Connector Composites (6550), (6703), (6704), (6708), (7103), (7104), (7104A), (7105), (7106), (7111)

CONNECTOR COMPOSITES (7200), (7202), (7203), P. 42

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

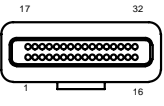
TRANSMISSION BULKHEAD CONNECTION (WTEC) (7200)



CONNECTOR - 3508926C1
PLUG - 3508928C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL	CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	L92#102	18	TN	3508927C1	N/A	P	L31#147	18	TN	3508927C1	N/A
B	L92#103	18	TN	3508927C1	N/A	U	L92A140	18	TN	3508927C1	N/A
C	L92#104	18	TN	3508927C1	N/A	V	L92A149	18	TN	3508927C1	N/A
D	L92A124	18	TN	3508927C1	N/A	W	L92#195	18	TN	3508927C1	N/A
E	L92#107	18	TN	3508927C1	N/A	X	L92#162	18	TN	3508927C1	N/A
F	L92#110	18	TN	3508927C1	N/A	Y	L92#165	18	TN	3508927C1	N/A
G	L92#120	18	TN	3508927C1	N/A	a	PLUG				
H	L92#121	18	TN	3508927C1	N/A	b	PLUG				
J	L92#128	18	TN	3508927C1	N/A	c	PLUG				
K	L92#129	18	TN	3508927C1	N/A	d	PLUG				
L	L92#130	18	TN	3508927C1	N/A	e	PLUG				
M	L92#131	18	TN	3508927C1	N/A	f	PLUG				
N	L92B135	18	TN	3508927C1	N/A	g	PLUG				

ECU "V" CONN GRAY (ALLISON WTEC) (7202)

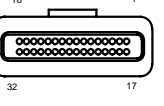


CONNECTOR - 3548957C1
PLUG - 3518314C1

CAV	CIR	GAUGE	COLOR	TERM	CAV	CIR	GAUGE	COLOR	TERM
1	L92B136	18	TN	3517243C1	1	L92B136	18	TN	3517243C1
2	L92#114	18	TN	3517243C1	2	L92A114	18	TN	3517243C1
3	PLUG	-			3	PLUG	-		
4	L71#113	18	OR	3517243C1	4	L71#113	18	OR	3517243C1
5	L92#167	18	TN	3517243C1	5	L92#167	18	TN	3517243C1
6	L92#123	18	TN	3517243C1	6	L92A123	18	TN	3517243C1
7	PLUG	-			7	PLUG	-		
8	PLUG	-			8	PLUG	-		
9	PLUG	-			9	PLUG	-		
10	PLUG	-			10	PLUG	-		
11	L92#155	18	TN	3517243C1	11	L92#155	18	TN	3517243C1
12	L92#153	18	TN	3517243C1	12	L92A153	18	TN	3517243C1
13	L92#118	18	TN	3517243C1	13	L92#118	18	TN	3517243C1
14	PLUG	-			14	PLUG	-		
15	PLUG	-			15	PLUG	-		
16	L92C136	18	TN	3517243C1	16	L92C136	18	TN	3517243C1
17	L92B143	18	TN	3517243C1	17	L92B143	18	TN	3517243C1
18	L92#125	18	TN	3517243C1	18	L92#125	18	TN	3517243C1
19	L92#105	18	TN	3517243C1	19	L92#105	18	TN	3517243C1
20	PLUG	-			20	PLUG	-		
21	PLUG	-			21	PLUG	-		
22	L92#112	18	TN	3517243C1	22	L92#112	18	TN	3517243C1
23	PLUG	-			23	PLUG	-		
24	PLUG	-			24	PLUG	-		
25	PLUG	-			25	PLUG	-		
26	PLUG	-			26	PLUG	-		
27	PLUG	-			27	PLUG	-		
28	PLUG	-			28	PLUG	-		
29	L92#137	18	TN	3517243C1	29	L92#137	18	TN	3517243C1
30	L92#117	18	TN	3517243C1	30	L92A117	18	TN	3517243C1
31	L92#161	18	TN	3517243C1	31	L92#161	18	TN	3517243C1
32	L92C143	18	TN	3517243C1	32	L92C143	18	TN	3517243C1

W/ & NOT W/RETARDER W/AUTO NEUTRAL

ECU "T" CONN BLUE (ALLISON WTEC) (7203)



CONNECTOR - 3548958C1
PLUG - 3518314C1

* - W/RETARDER ONLY

CAV	CIR	GAUGE	COLOR	TERM	CAV	CIR	GAUGE	COLOR	TERM
1	L92#102	18	TN	3517243C1	17	L92#130	18	TN	3517243C1
2	L92#121	18	TN	3517243C1	18	PLUG	-		
3	L92#107	18	TN	3517243C1	* 19	L92A116	18	TN	3517243C1
4	L92#120	18	TN	3517243C1	20	L92#128	18	TN	3517243C1
5	L92#103	18	TN	3517243C1	21	L92#131	18	TN	3517243C1
6	L92#129	18	TN	3517243C1	22	L92#110	18	TN	3517243C1
7	L92#104	18	TN	3517243C1	* 23	L92#127	18	TN	3517243C1
8	PLUG	-			* 24	L92#101	18	TN	3517243C1
9	L92A124	18	TN	3517243C1	25	L92A135	18	TN	3517243C1
10	PLUG	-			26	L92#165	18	TN	3517243C1
11	PLUG	-			27	L31#147	18	TN	3517243C1
12	L92#162	18	TN	3517243C1	* 28	L92#138	18	TN	3517243C1
13	L92#195	18	TN	3517243C1	29	PLUG	-		
14	L48#141	18	GY	3517243C1	30	L48#150	18	GY	3517243C1
15	L92A149	18	TN	3517243C1	31	L92A140	18	TN	3517243C1
16	L47#139	18	GY	3517243C1	32	L47#148	18	GY	3517243C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	RELEASE NO.	DATE	PART NO.	SHEET
PEC	25 JUN01	ADDED 7207-7300.	B	P54634F	U00EDL2	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS				
PEC	15 JAN02	ADDED 7200-7203.	C	55043Z	P52778H			31 MAY00	AE08-52376	42

Figure 184 Connector Composites Connector Composites (7200), (7202), (7203)

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

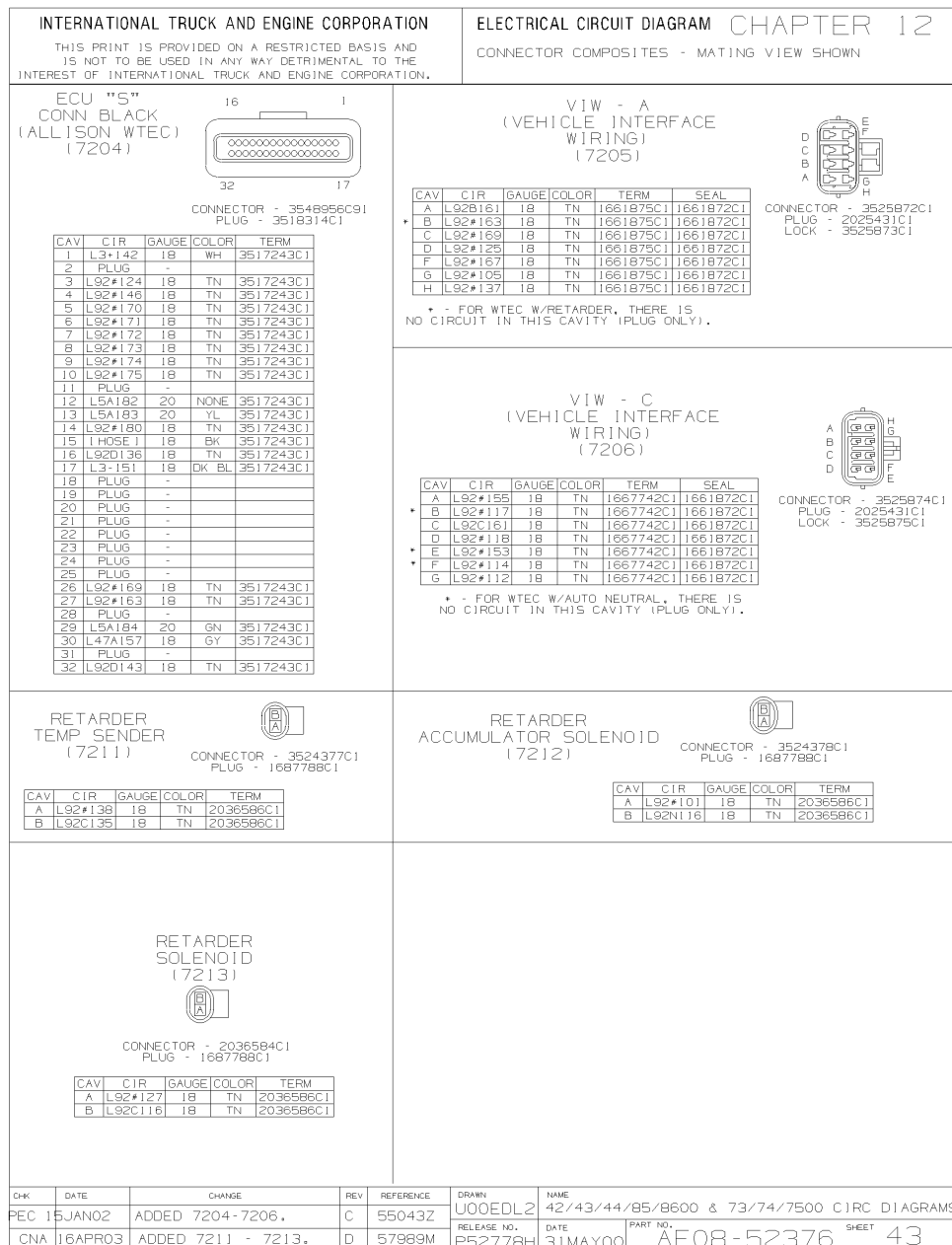


Figure 185 Connector Composites (7204), (7205), (7206), (7211), (7212), (7213)

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

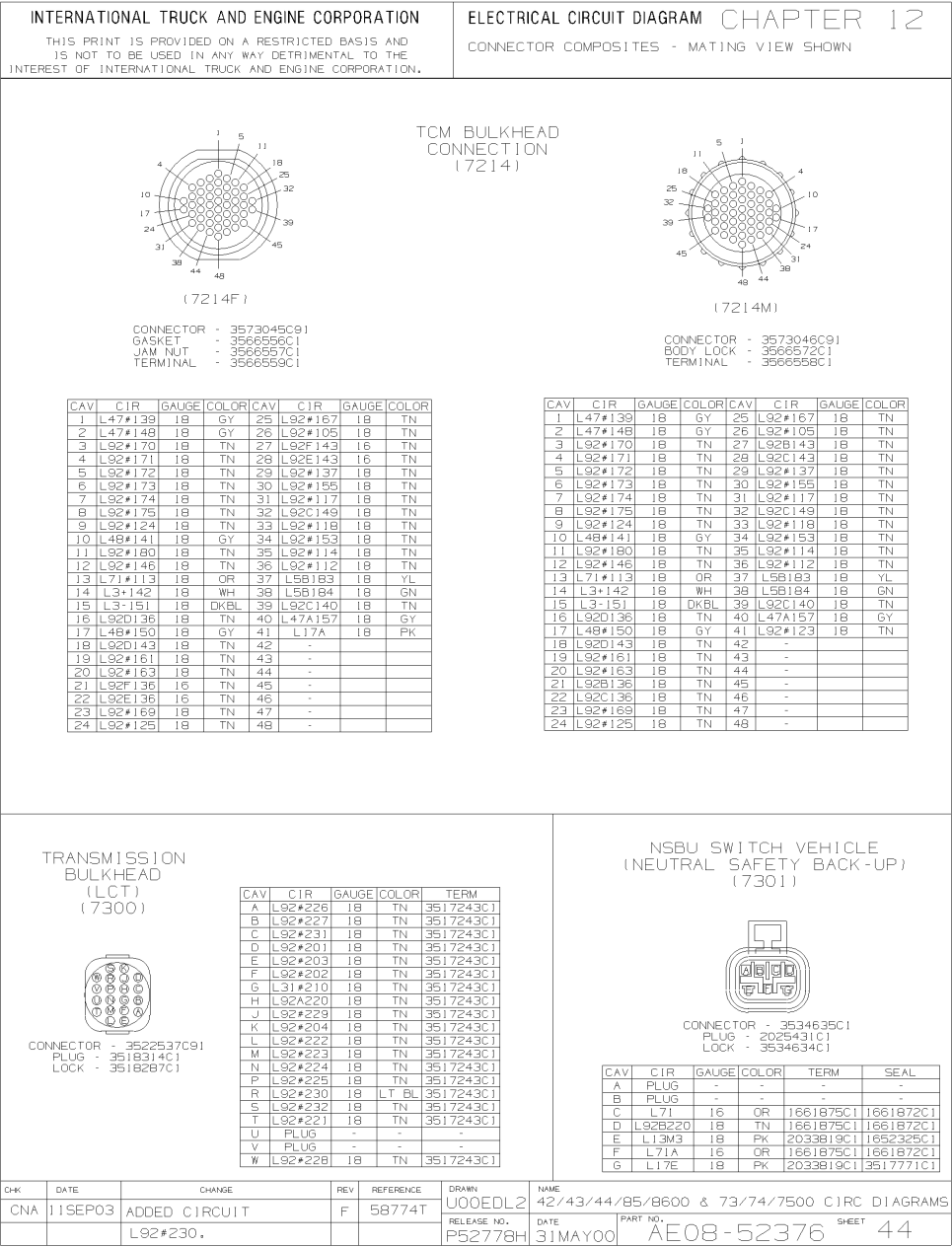


Figure 186 Connector Composites (7214), (7300), (7301)

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

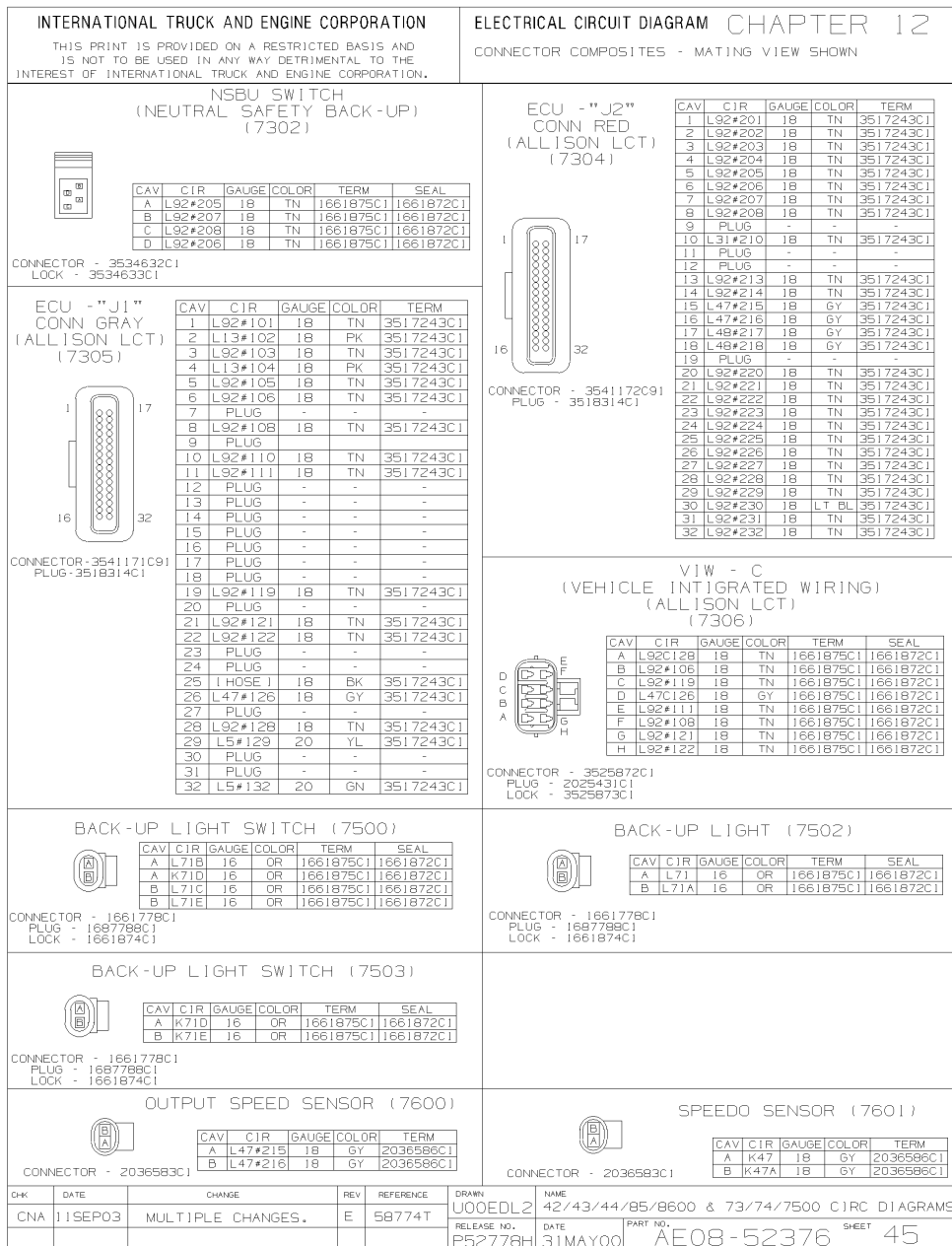


Figure 187 Connector Composites (7302), (7304), (7305), (7306), (7500), (7502), (7600), (7601)

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
















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ENGINE SPEED SENSOR (7603)  <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	ENGINE SPEED SENSOR (7604)  <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																																										
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TRANSMISSION SPEEDO CONNECTION (7607)  <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	TRANSFER CASE SPEEDO CONNECTION (7608)  <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																																										
SPEED SENSOR (7609)  <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>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	L47L	18	GY	2036586C1	B	L47A	18	GY	2036586C1	TRANSFER CASE TO TRANSMISSION (7610) <p>(USED ONLY WHEN TRANSFER CASE AND ALLISON WTEC ARE PRESENT)</p> <p>MATING CONNECTOR IS FEMALE SIDE OF CONNECTOR 7800.</p> <p>CONNECTOR - 1667740C1 PLUG - 2025431C1 LOCK - 1667771C1</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>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																																										
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TRANSFER CASE SPEEDO CONNECTION (7611)  <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	EATON SPEEDO SENSOR (7612)  <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									
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TRUCK SPEED SENSOR (7613)  <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	TRANSMISSION OIL TEMP SENSOR (7700)  <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>K31GC1</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	K31GC1	18	TN	3536865C1	3536866C1						
CAV	CIR	GAUGE	COLOR	TERM																																										
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2	K31GC1	18	TN	3536865C1	3536866C1																																									
TURBINE SPEED SENSOR (7615)  <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>M92C149</td> <td>18</td> <td>TN</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>M92C140</td> <td>18</td> <td>TN</td> <td>2036586C1</td> </tr> </tbody> </table> <p>CONNECTOR - 2036583C1</p>				CAV	CIR	GAUGE	COLOR	TERM	A	M92C149	18	TN	2036586C1	B	M92C140	18	TN	2036586C1	TRANS OIL TEMP SENSOR (7702)  <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						
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																								
CNA	11SEP03	MULTIPLE CHANGES.	D	58774T	U00EDL2	42/43/44/85/8600 & 73/74/7500 CJRC DIAGRAMS																																								
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					P52778H	31MAY00																																								
					PART NO.	SHEET																																								
					AE08-52376	46																																								

Figure 188 Connector Composites (7603), (7604), (7605), (7606), (7607), (7608), (7609), (7610), (7611), (7612), (7613), (7615), (7700), (7702), (7703), (7703A)

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

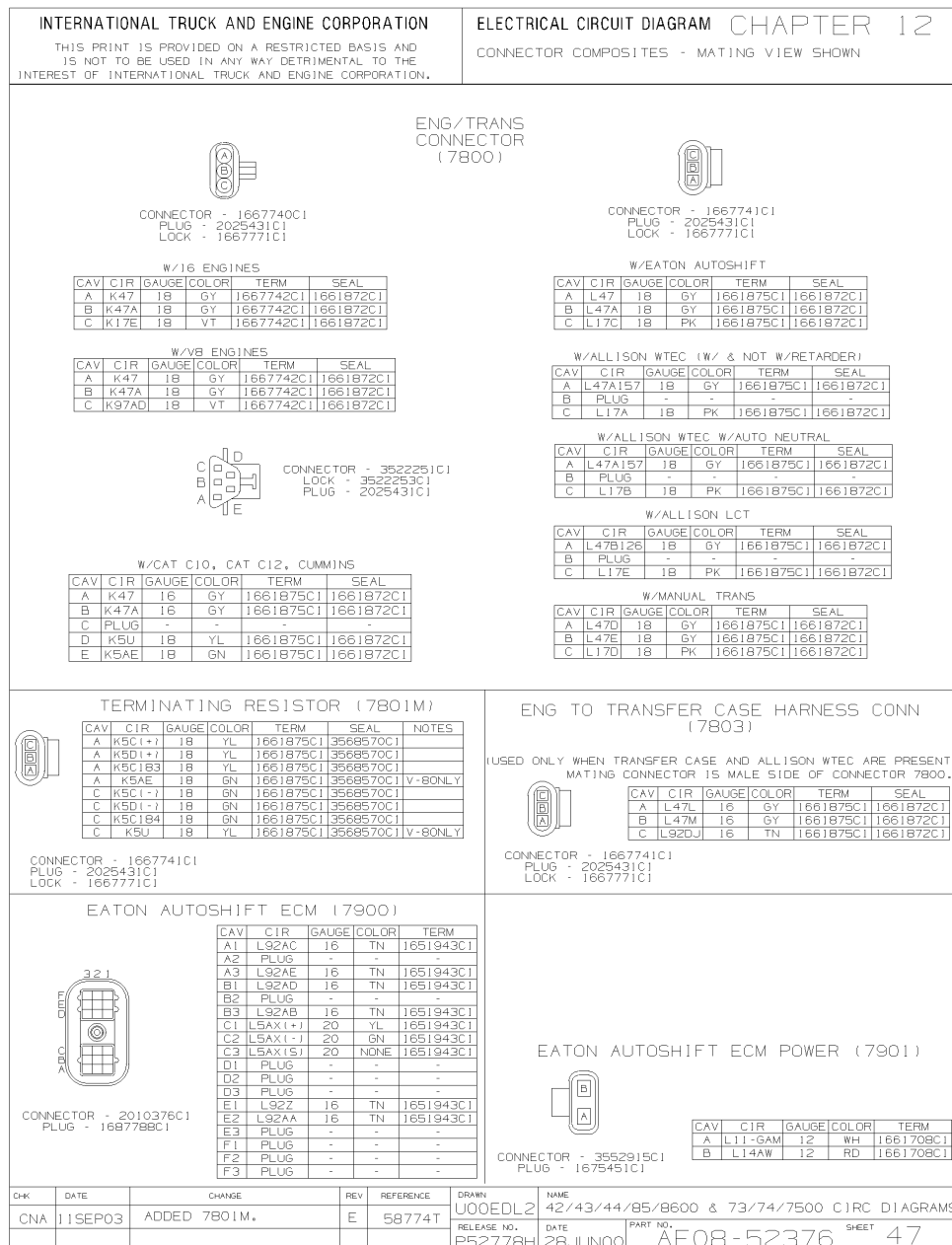


Figure 189 Connector Composites (7800), (7801M), (7803), (7900), (7901)

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

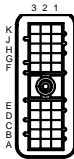







INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																																																																																																																																																			
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<p align="center">RIGHT HEADLIGHT T/S HARNESS CONN(8000)</p>  <p>CONNECTOR - 1661375C2 PLUG - 0587579C1 LOCK - 1661376C1</p> <table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>M52D</td><td>14</td><td>YL</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>M11-GA</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>C</td><td>M53B</td><td>14</td><td>YL</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>D</td><td>M57B</td><td>16</td><td>OR</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>E</td><td>M58D</td><td>14</td><td>BN</td><td>2033816C1</td><td>0589391C1</td></tr> </tbody> </table> <p>* - FOR SINGLE HORN W/ SNOW PLOW LIGHTS, CIRCUIT NUMBER IS M57C.</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M52D	14	YL	2033816C1	0589391C1	B	M11-GA	14	WH	2033816C1	0589391C1	C	M53B	14	YL	2033816C1	0589391C1	D	M57B	16	OR	2033819C1	1652325C1	E	M58D	14	BN	2033816C1	0589391C1	<p align="center">LEFT HEADLIGHT T/S HARNESS CONN(8001)</p>  <p>CONNECTOR - 1661375C2 PLUG - 0587579C1 LOCK - 1661376C1</p> <table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>M52C</td><td>14</td><td>YL</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>M11-GB</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>C</td><td>M53A</td><td>14</td><td>YL</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>D</td><td>M56B</td><td>16</td><td>OR</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>E</td><td>M58C</td><td>14</td><td>BN</td><td>2033816C1</td><td>0589391C1</td></tr> </tbody> </table> <p>* - FOR SINGLE HORN W/ SNOW PLOW LIGHTS, CIRCUIT NUMBER IS M11-GF. ** - FOR SINGLE HORN W/ SNOW PLOW LIGHT, CIRCUIT NUMBER IS M56C.</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M52C	14	YL	2033816C1	0589391C1	B	M11-GB	14	WH	2033816C1	0589391C1	C	M53A	14	YL	2033816C1	0589391C1	D	M56B	16	OR	2033819C1	1652325C1	E	M58C	14	BN	2033816C1	0589391C1																																																																																								
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<p align="center">SNOW PLOW HARNESS CONN (8102)</p>  <p>CONNECTOR - 2039311C91 PLUG - 0587579C1 LOCK - 2039342C1</p> <table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>M64HI</td><td>14</td><td>YL</td><td>3535486C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>M11-GE</td><td>14</td><td>WH</td><td>3535486C1</td><td>0589391C1</td></tr> <tr><td>C</td><td>M64LO</td><td>14</td><td>YL</td><td>3535486C1</td><td>0589391C1</td></tr> <tr><td>D</td><td>M56D</td><td>16</td><td>YL</td><td>2039343C1</td><td>1652325C1</td></tr> <tr><td>E</td><td>M58F</td><td>14</td><td>BN</td><td>3535486C1</td><td>0589391C1</td></tr> <tr><td>F</td><td>M57D</td><td>16</td><td>LT GN</td><td>2039343C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M64HI	14	YL	3535486C1	0589391C1	B	M11-GE	14	WH	3535486C1	0589391C1	C	M64LO	14	YL	3535486C1	0589391C1	D	M56D	16	YL	2039343C1	1652325C1	E	M58F	14	BN	3535486C1	0589391C1	F	M57D	16	LT GN	2039343C1	1652325C1	<p align="center">LEFT GUIDE POST LIGHT (8150)</p>  <p>CONNECTOR - 1661778C1 PLUG - 1687788C1 LOCK - 1661874C1</p> <table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>M58H</td><td>16</td><td>BN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>M64-GA</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M58H	16	BN	1661875C1	1661872C1	B	M64-GA	16	WH	1661875C1	1661872C1																																																																																																				
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<p align="center">RIGHT GUIDE POST LIGHT (8151)</p>  <p>CONNECTOR - 1661778C1 PLUG - 1687788C1 LOCK - 1661874C1</p> <table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>M58J</td><td>16</td><td>BN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>M59-GB</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M58J	16	BN	1661875C1	1661872C1	B	M59-GB	16	WH	1661875C1	1661872C1	<p align="center">RIGHT FOGLIGHT (8200)</p>  <p>CONNECTOR - 0587567C91 PLUG - 0587579C1</p> <table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>M64A</td><td>16</td><td>YL</td><td>0587577C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>M64-GB</td><td>16</td><td>WH</td><td>0587577C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M64A	16	YL	0587577C1	1652325C1	B	M64-GB	16	WH	0587577C1	1652325C1																																																																																																																												
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Figure 190 Connector Composites (7905), (7906), (8000), (8001), (8102), (8150), (8151), (8200)

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

INTERNATIONAL TRUCK AND ENGINE CORPORATION


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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 12

CONNECTOR COMPOSITES - MATING VIEW SHOWN


LEFT FOGLIGHT
(8201)



CONNECTOR - 0587567C91
PLUG - 0587579C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	M64B	16	YL	0587577C1	1652325C1
B	M64-GA	16	WH	0587577C1	1652325C1


ELECTRIC HORN
(8301)



CONNECTOR - 1661778C1
PLUG - 1687788C1
LOCK - 1661874C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	M85E	16	GY	1661875C1	1661872C1
B	M85-GA	16	WH	1661875C1	1661872C1


DUAL ELECTRIC HORNS
(8310)



CONNECTOR - 3543888C1
PLUG - 2025431C1
LOCK - 1661874C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	M85J	16	GY	1667742C1	1661872C1
B	M85-GC	16	WH	1667742C1	1661872C1

ELECTRIC HORN #1
(8311)



CONNECTOR - 1661778C1
PLUG - 1687788C1
LOCK - 1661874C1


W/SINGLE HORN

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	M85J	16	GY	1661875C1	1661872C1
B	M85-GC	16	WH	1661875C1	1661872C1

W/DUAL HORNS

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	M85K	16	GY	1661875C1	1661872C1
B	M85-GD	16	WH	1661875C1	1661872C1


ELECTRIC HORN #2
(8312)



CONNECTOR - 1661778C1
PLUG - 1687788C1
LOCK - 1661874C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	M85L	16	GY	1661875C1	1661872C1
B	M85-GE	16	WH	1661875C1	1661872C1


ETHER START
(8400)



CONNECTOR - 0587568C91
PLUG - 0587579C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	M21D	18	TN	0587576C1	1652325C1
B	M21C	18	TN	0587576C1	1652325C1


BENDIX LEFT ABS MODULATOR
(8500)



CONNECTOR - 1686834C1
PLUG - 0587579C1
LOCK - 1664408C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	M94	18	GY	2033819C1	1652325C1
B	M94A	18	GY	2033819C1	1652325C1
C	M94B	18	GY	2033819C1	1652325C1


BENDIX RIGHT ABS MODULATOR
(8501)



CONNECTOR - 1686834C1
PLUG - 0587579C1
LOCK - 1664408C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	M94H	18	GY	2033819C1	1652325C1
B	M94J	18	GY	2033819C1	1652325C1
C	M94K	18	GY	2033819C1	1652325C1


LEFT HYD ABS WHEEL SENSOR
(8502)



PURCHASED ASSEMBLY P/N 3519878C1

CAV	CIR	GAUGE	COLOR	TERM
1	(M94L)	18	BK	ASSY
2	(M94M)	18	BN	ASSY

BENDIX LEFT AIR ABS WHEEL SENSOR
(8502A)



CONNECTOR - 1684261C1
PLUG - 0453133C1
LOCK - 1684263C1

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

15JAN01

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 191 Connector Composites (8201), (8301), (8310), (8311), (8312), (8400), (8500), (8501), (8502), (8502A)

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






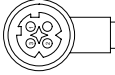
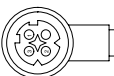



INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																									
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<p align="center">AIR COMPRESSOR FOR HYD BRAKES (8505)</p>  <p align="right">CONNECTOR - 1678137C1</p> <table border="1" style="width: 100%; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <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> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	M9	18	GY	1651943C1	B	M6	18	GY	1651943C1	C	M40	18	GY	1651943C1	<p align="center">WABCO LEFT FRONT AIR ABS WHEEL SPEED SENSOR (8506)</p>  <p align="right">PURCHASED ASSEMBLY P/N 3519878C1</p> <table border="1" style="width: 100%; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <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> </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 align="center">WABCO RIGHT FRONT AIR ABS WHEEL SPEED SENSOR (8507)</p>  <p align="right">PURCHASED ASSEMBLY P/N 3519666C1</p> <table border="1" style="width: 100%; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <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> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	M94AE	18	BN	ASSY	2	M94AF	18	BK	ASSY	<p align="center">WABCO LEFT FRONT AIR ABS MODULATOR (8508)</p>  <p align="right">PURCHASED ASSEMBLY P/N 3554539C1</p> <table border="1" style="width: 100%; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <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> </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																																									
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2	M94AA	14	GN	ASSY																																									
3	M94AB	14	BN	ASSY																																									
<p align="center">WABCO RIGHT FRONT AIR ABS MODULATOR (8509)</p>  <p align="right">PURCHASED ASSEMBLY P/N 3554539C1</p> <table border="1" style="width: 100%; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <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> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	M94AH	14	BL	ASSY	2	M94AJ	14	GN	ASSY	3	M94AK	14	BN	ASSY	<p align="center">RADIATOR GROUND (8600)</p>  <p align="right">CONNECTOR - 0587566C91 PLUG - 0587579C1</p> <table border="1" style="width: 100%; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>M11-GC</td><td>12</td><td>WH</td><td>1673747C1</td><td>0589390C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M11-GC	12	WH	1673747C1	0589390C1						
CAV	CIR	GAUGE	COLOR	TERM																																									
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CAV	CIR	GAUGE	COLOR	TERM	SEAL																																								
A	M11-GC	12	WH	1673747C1	0589390C1																																								
<p align="center">TEMP SENDER (8601)</p>  <p align="right">CONNECTOR - 3522068C1 PLUG - 1687788C1 LOCK - 1661874C1</p> <table border="1" style="width: 100%; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>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> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M41	18	GY	1661875C1	1661872C1	B	M41A	18	GY	1661875C1	1661872C1	<p align="center">A/C TRANSDUCER (8602)</p>  <p align="right">CONNECTOR - 1678137C1</p> <table border="1" style="width: 100%; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <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> </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																																									
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C	M77	20	LT GN	1651943C1																																									
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																							
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	DATE: 31MAY00	PART NO: AE08-52376	SHEET 50																																					

Figure 192 Connector Composites (8503), (8503A), (8505), (8506), (8507), (8508), (8509), (8600), (8601), (8602)

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

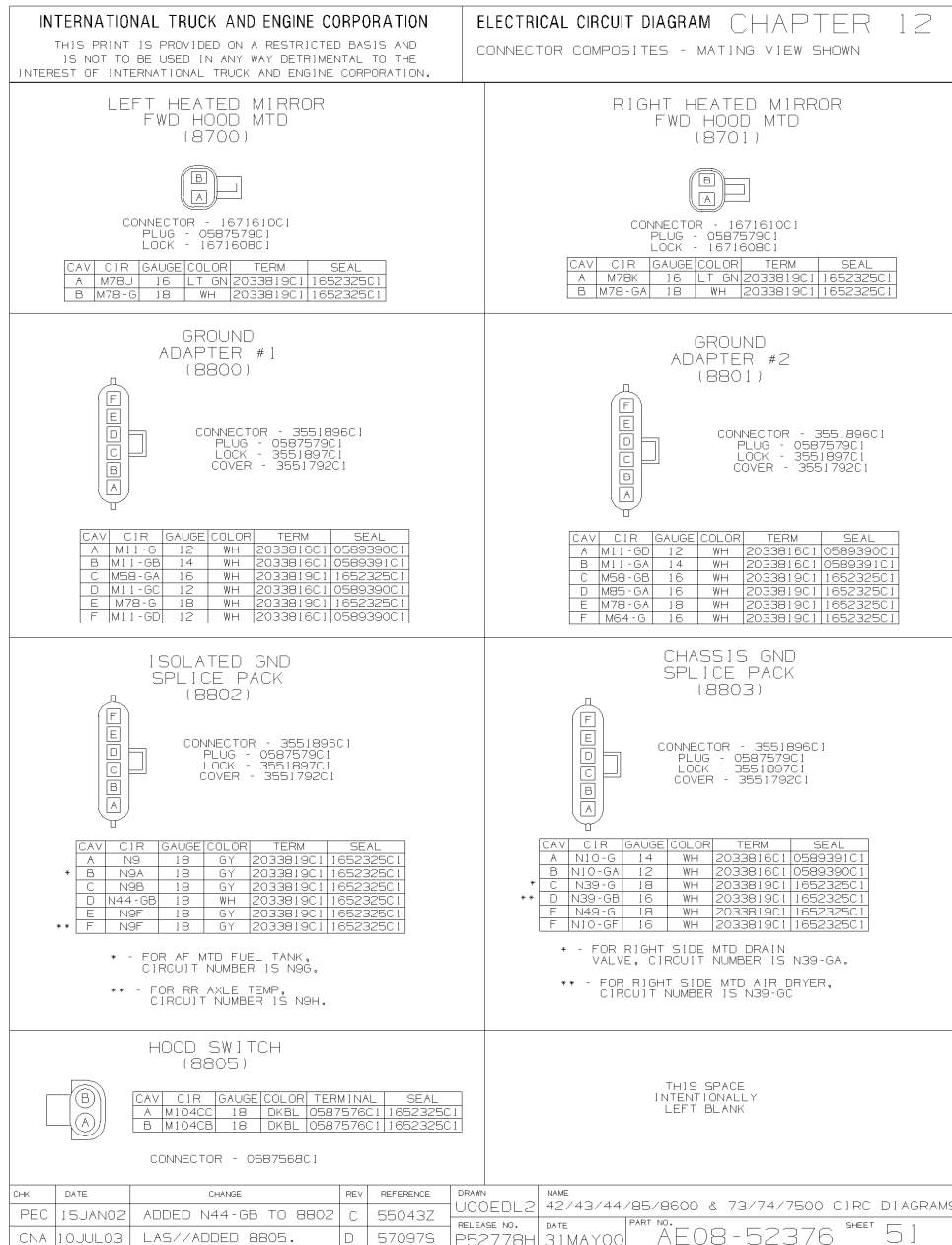


Figure 193 Connector Composites (8700), (8701), (8800), (8801), (8802), (8803), (8805)

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



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																																									
LEFT SIDE HEATED DRAIN (9001)				RIGHT SIDE HEATED DRAIN (9002)																																									
																																													
CONNECTOR - 1661778C1 PLUG - 1687788C1 LOCK - 1661874C1				CONNECTOR - 1661778C1 PLUG - 1687788C1 LOCK - 1661874C1																																									
<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>N39</td><td>1B</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>N39-G</td><td>1B</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N39	1B	GY	1661875C1	1661872C1	B	N39-G	1B	WH	1661875C1	1661872C1	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>N39A</td><td>1B</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>N39-GA</td><td>1B</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N39A	1B	GY	1661875C1	1661872C1	B	N39-GA	1B	WH	1661875C1	1661872C1		
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																								
A	N39	1B	GY	1661875C1	1661872C1																																								
B	N39-G	1B	WH	1661875C1	1661872C1																																								
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																								
A	N39A	1B	GY	1661875C1	1661872C1																																								
B	N39-GA	1B	WH	1661875C1	1661872C1																																								
LEFT FUEL SENDER (9100)				RIGHT FUEL SENDER (9101)																																									
																																													
CONNECTOR - 1661778C1 PLUG - 1687788C1 LOCK - 1661874C1				CONNECTOR - 1661778C1 PLUG - 1687788C1 LOCK - 1661874C1																																									
<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>N36</td><td>1B</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>N9A</td><td>1B</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N36	1B	TN	1661875C1	1661872C1	B	N9A	1B	GY	1661875C1	1661872C1	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>N36A</td><td>1B</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>N9B</td><td>1B</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N36A	1B	TN	1661875C1	1661872C1	B	N9B	1B	GY	1661875C1	1661872C1		
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																								
A	N36	1B	TN	1661875C1	1661872C1																																								
B	N9A	1B	GY	1661875C1	1661872C1																																								
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																								
A	N36A	1B	TN	1661875C1	1661872C1																																								
B	N9B	1B	GY	1661875C1	1661872C1																																								
* - FOR DUAL MTD FUEL TANKS, CIRCUIT NUMBER IS N36E. ** - FOR AF MTD FUEL TANK, CIRCUIT NUMBER IS N9D.				* - FOR DUAL MTD FUEL TANKS, CIRCUIT NUMBER IS N36C.																																									
FUEL TRANSFER PUMP (9102)				RIGHT SIDE FUEL SENDER (9103)																																									
																																													
CONNECTOR - 3522088C1 LOCK - 1661874C1				CONNECTOR - 1661778C1 PLUG - 1661874C1 LOCK - 2025431C1																																									
<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr><td>A</td><td>N37-G</td><td>1B</td><td>WH</td><td>1661875C1</td></tr> <tr><td>B</td><td>N37D</td><td>1B</td><td>TN</td><td>1661875C1</td></tr> <tr><td>C</td><td>N37</td><td>1B</td><td>TN</td><td>1661875C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	N37-G	1B	WH	1661875C1	B	N37D	1B	TN	1661875C1	C	N37	1B	TN	1661875C1	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>N36</td><td>1B</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>N9B</td><td>1B</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N36	1B	TN	1661875C1	1661872C1	B	N9B	1B	GY	1661875C1	1661872C1
CAV	CIR	GAUGE	COLOR	TERM																																									
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CAV	CIR	GAUGE	COLOR	TERM	SEAL																																								
A	N36	1B	TN	1661875C1	1661872C1																																								
B	N9B	1B	GY	1661875C1	1661872C1																																								
THIS SPACE INTENTIONALLY LEFT BLANK				FUEL TRANSFER PUMP INTERCONNECT (9104)																																									
																																													
				CONNECTOR - 0587568C91 PLUG - 0587579C1 LOCK - N/A																																									
				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>N37D</td><td>1B</td><td>TN</td><td>0587576C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>N36B</td><td>1B</td><td>TN</td><td>0587576C1</td><td>1652325C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N37D	1B	TN	0587576C1	1652325C1	B	N36B	1B	TN	0587576C1	1652325C1																				
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																								
A	N37D	1B	TN	0587576C1	1652325C1																																								
B	N36B	1B	TN	0587576C1	1652325C1																																								
ENG ECM FEED FUSE CONN (9254)				TRANS ECU FEED FUSE CONN (9255)																																									
																																													
CONNECTOR - 1667639C1 PLUG - 1675451C1				CONNECTOR - 1667639C1 PLUG - 1675451C1																																									
<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr><td>A</td><td>N14AY</td><td>10</td><td>RD</td><td>1661708C1</td></tr> <tr><td>B</td><td>N14BA</td><td>10</td><td>RD</td><td>1661708C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	N14AY	10	RD	1661708C1	B	N14BA	10	RD	1661708C1	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr><td>A</td><td>N14AZ</td><td>10</td><td>RD</td><td>1661708C1</td></tr> <tr><td>B</td><td>N14BB</td><td>10</td><td>RD</td><td>1661708C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	N14AZ	10	RD	1661708C1	B	N14BB	10	RD	1661708C1								
CAV	CIR	GAUGE	COLOR	TERM																																									
A	N14AY	10	RD	1661708C1																																									
B	N14BA	10	RD	1661708C1																																									
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																							
CNA	11SEP03	ADDED 9103, 9104.	D	58774T	U00EDL2	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS																																							
		ADDED CKT N37 TO 9102.			RELEASE NO.	DATE																																							
					P52778H	28JUN00																																							
						PART NO.																																							
						AE08-52376																																							
						SHEET																																							
						52																																							

Figure 194 Connector Composites (9001), (9002), (9100), (9101), (9102), (9103), (9104), (9254), (9255)

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

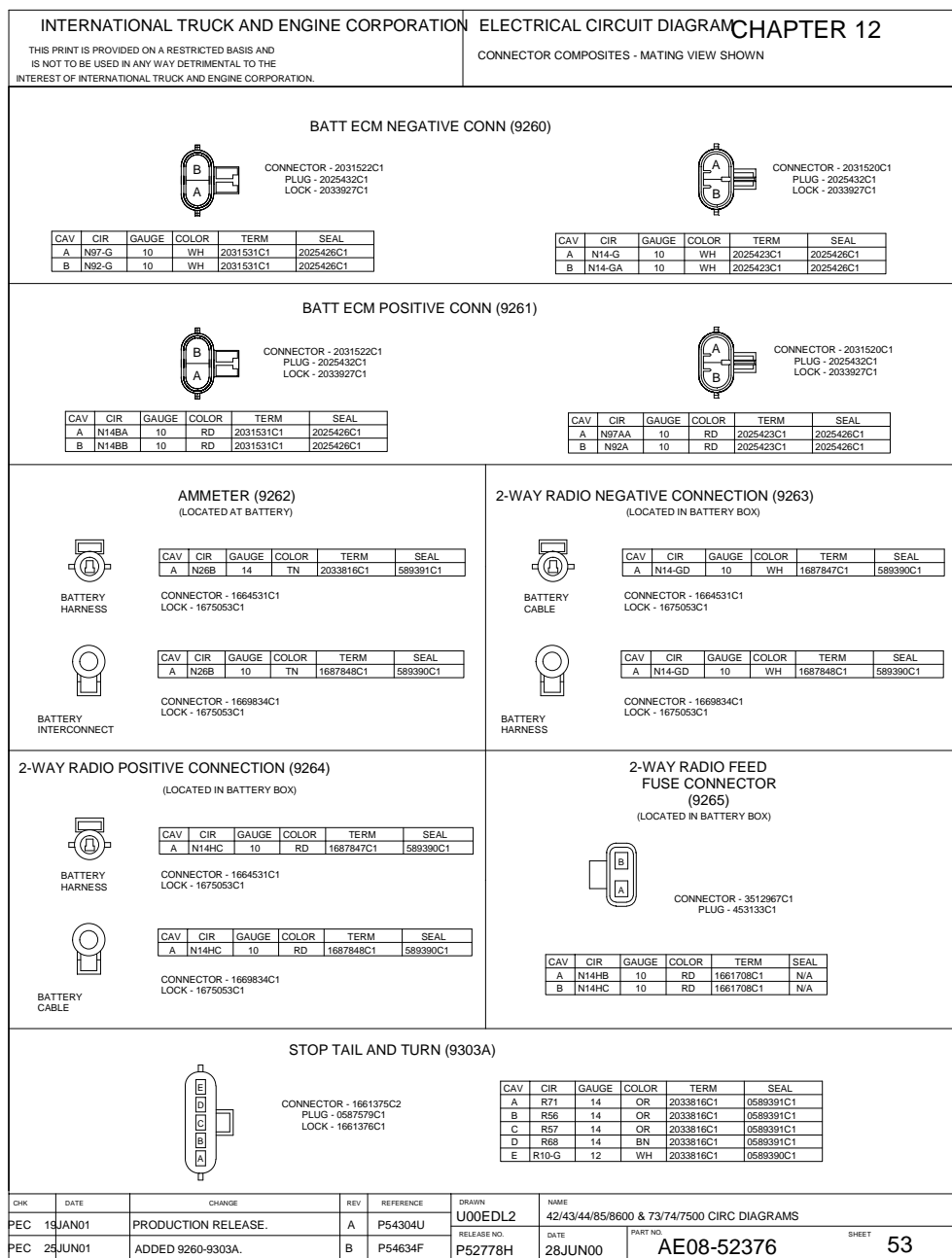


Figure 195 Connector Composites (9260), (9261), (9262), (9263), (9264), (9265), (9303A)

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

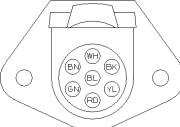






INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																											
THIS SPACE INTENTIONALLY LEFT BLANK				<p align="center">TRAILER SOCKET (9405)</p>  <p>CONNECTOR - 1663570C1 BOOT - 0481849C1 GASKET - 1666090C1</p> <table border="1" style="width: 100%; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr><td>BK</td><td>N59C</td><td>10</td><td>BK</td><td>INCLUDED</td></tr> <tr><td>BL</td><td>N72</td><td>12</td><td>DK BL</td><td>INCLUDED</td></tr> <tr><td>BN</td><td>N68C</td><td>10</td><td>BN</td><td>INCLUDED</td></tr> <tr><td>GN</td><td>N57C</td><td>10</td><td>LT GN</td><td>INCLUDED</td></tr> <tr><td>RD</td><td>N70C</td><td>10</td><td>RD</td><td>INCLUDED</td></tr> <tr><td>WH</td><td>N10C</td><td>8</td><td>WH</td><td>INCLUDED</td></tr> <tr><td>YL</td><td>N56C</td><td>10</td><td>YL</td><td>INCLUDED</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	BK	N59C	10	BK	INCLUDED	BL	N72	12	DK BL	INCLUDED	BN	N68C	10	BN	INCLUDED	GN	N57C	10	LT GN	INCLUDED	RD	N70C	10	RD	INCLUDED	WH	N10C	8	WH	INCLUDED	YL	N56C	10	YL	INCLUDED
CAV	CIR	GAUGE	COLOR	TERM																																											
BK	N59C	10	BK	INCLUDED																																											
BL	N72	12	DK BL	INCLUDED																																											
BN	N68C	10	BN	INCLUDED																																											
GN	N57C	10	LT GN	INCLUDED																																											
RD	N70C	10	RD	INCLUDED																																											
WH	N10C	8	WH	INCLUDED																																											
YL	N56C	10	YL	INCLUDED																																											
<p align="center">LEFT WHEEL SPEED SENSOR (9501)</p>  <p>CONNECTOR - 1684261C1 PLUG - 0453133C1 LOCK - 1684263C1</p> <table border="1" style="width: 100%; font-size: 8px;"> <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>R94A</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>2</td><td>R94B</td><td>16</td><td>OR</td><td>1680205C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	R94A	16	GY	1680205C1	2	R94B	16	OR	1680205C1	<p align="center">LEFT MODULATOR (9502)</p>  <p>CONNECTOR - 1686834C1 PLUG - 0587579C1 LOCK - 1664408C1</p> <table border="1" style="width: 100%; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>R94E</td><td>16</td><td>BK</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>R94F</td><td>16</td><td>RD</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>R94H</td><td>16</td><td>BN</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	R94E	16	BK	2033819C1	1652325C1	B	R94F	16	RD	2033819C1	1652325C1	C	R94H	16	BN	2033819C1	1652325C1	
CAV	CIR	GAUGE	COLOR	TERM																																											
1	R94A	16	GY	1680205C1																																											
2	R94B	16	OR	1680205C1																																											
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																										
A	R94E	16	BK	2033819C1	1652325C1																																										
B	R94F	16	RD	2033819C1	1652325C1																																										
C	R94H	16	BN	2033819C1	1652325C1																																										
<p align="center">RIGHT WHEEL SPEED SENSOR (9503)</p>  <p>CONNECTOR - 1684261C1 PLUG - 0453133C1 LOCK - 1684263C1</p> <table border="1" style="width: 100%; font-size: 8px;"> <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>R94C</td><td>16</td><td>DK BL</td><td>1680205C1</td></tr> <tr><td>2</td><td>R94D</td><td>16</td><td>YL</td><td>1680205C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	R94C	16	DK BL	1680205C1	2	R94D	16	YL	1680205C1	<p align="center">RIGHT MODULATOR (9504)</p>  <p>CONNECTOR - 1686834C1 PLUG - 0587579C1 LOCK - 1664408C1</p> <table border="1" style="width: 100%; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>R94J</td><td>16</td><td>PL</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>R94K</td><td>16</td><td>LT GN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>R94L</td><td>16</td><td>LT BL</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	R94J	16	PL	2033819C1	1652325C1	B	R94K	16	LT GN	2033819C1	1652325C1	C	R94L	16	LT BL	2033819C1	1652325C1	
CAV	CIR	GAUGE	COLOR	TERM																																											
1	R94C	16	DK BL	1680205C1																																											
2	R94D	16	YL	1680205C1																																											
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																										
A	R94J	16	PL	2033819C1	1652325C1																																										
B	R94K	16	LT GN	2033819C1	1652325C1																																										
C	R94L	16	LT BL	2033819C1	1652325C1																																										
<p align="center">RIGHT REAR WHEEL SPEED SENSOR (9505)</p>  <p>PURCHASED ASSEMBLY - 3519878C1</p> <table border="1" style="width: 100%; font-size: 8px;"> <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>R94P</td><td>18</td><td>BK</td><td>ASSY</td></tr> <tr><td>2</td><td>R94R</td><td>18</td><td>BN</td><td>ASSY</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	R94P	18	BK	ASSY	2	R94R	18	BN	ASSY	<p align="center">LEFT REAR WHEEL SPEED SENSOR (9506)</p>  <p>PURCHASED ASSEMBLY - 3519878C1</p> <table border="1" style="width: 100%; font-size: 8px;"> <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>R94M</td><td>18</td><td>BK</td><td>ASSY</td></tr> <tr><td>2</td><td>R94N</td><td>18</td><td>BN</td><td>ASSY</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	R94M	18	BK	ASSY	2	R94N	18	BN	ASSY										
CAV	CIR	GAUGE	COLOR	TERM																																											
1	R94P	18	BK	ASSY																																											
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2	R94N	18	BN	ASSY																																											
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																									
CNA	11SEP03	DELETED 9404.	C	58774T	U00EDL2	42/43/44/85/8600 & 73/74/7500 CIR DIAGRAMS																																									
					RELEASE NO.	DATE	PART NO.																																								
					P52778H	28JUN00	AE08-52376																																								
						SHEET	54																																								

Figure 196 Connector Composites (9405), (9501), (9502), (9503), (9504), (9505), (9506)

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

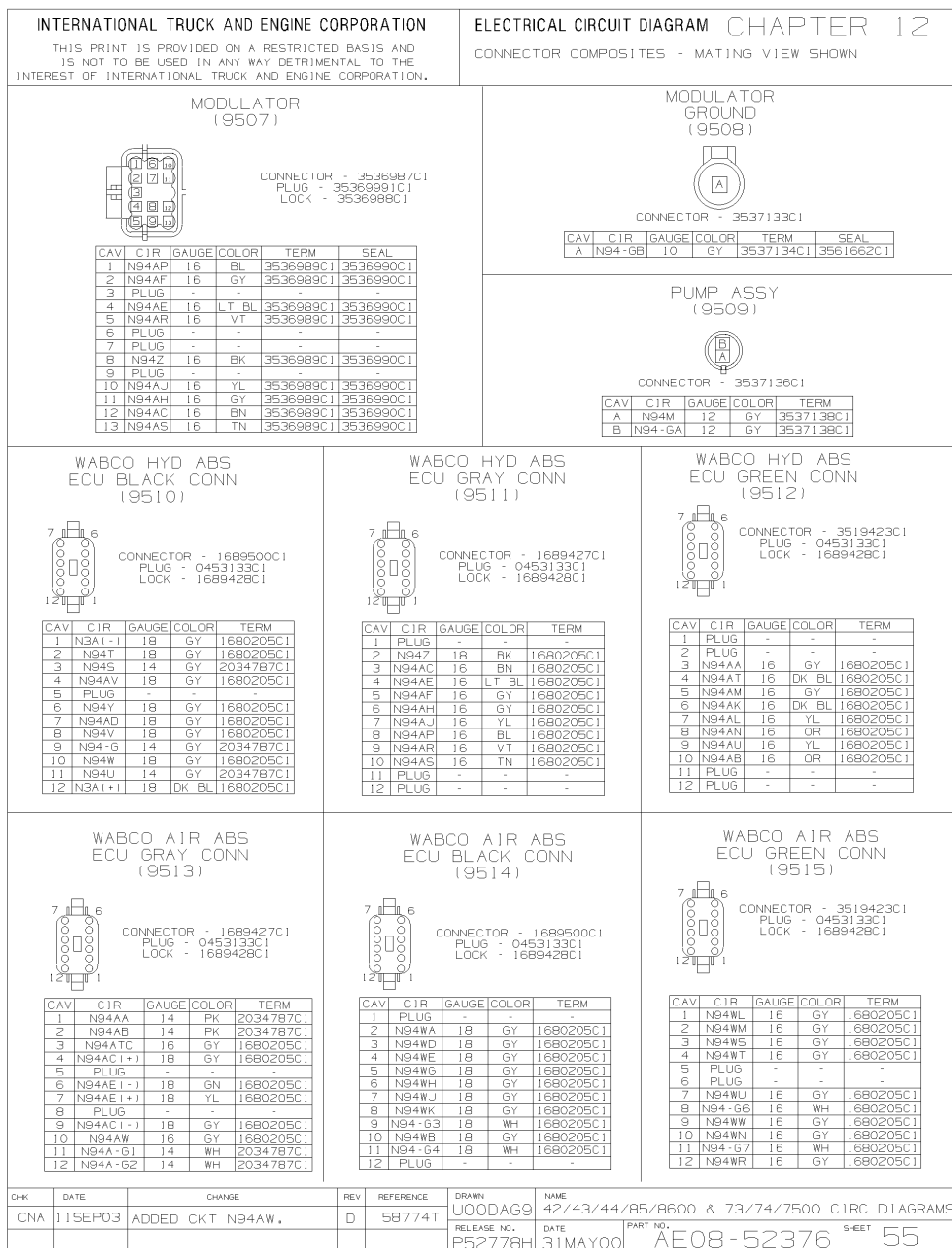






Figure 197 Connector Composites (9507), (9508), (9509), (9510), (9511), (9512), (9513), (9514), (9515)

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

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>WABCO LEFT REAR AIR ABS WHEEL SPEED SENSOR (9516)</p>  <p>1 2</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></tr></thead><tbody><tr><td>1</td><td>R94AWL</td><td>18</td><td>GY</td></tr><tr><td>2</td><td>R94AWM</td><td>18</td><td>GY</td></tr></tbody></table>				CAV	CIR	GAUGE	COLOR	1	R94AWL	18	GY	2	R94AWM	18	GY	<p>WABCO RIGHT REAR AIR ABS WHEEL SPEED SENSOR (9517)</p>  <p>1 2</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></tr></thead><tbody><tr><td>1</td><td>R94AWS</td><td>18</td><td>GY</td></tr><tr><td>2</td><td>R94AWT</td><td>18</td><td>GY</td></tr></tbody></table>				CAV	CIR	GAUGE	COLOR	1	R94AWS	18	GY	2	R94AWT	18	GY								
CAV	CIR	GAUGE	COLOR																																				
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<p>WABCO LEFT REAR AIR ABS MODULATOR (9518)</p>  <p>CONNECTOR: 3519879C1</p> <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr></thead><tbody><tr><td>1</td><td>R94AG7</td><td>18</td><td>GN</td></tr><tr><td>2</td><td>R94AWN</td><td>18</td><td>BK</td></tr><tr><td>3</td><td>R94AWR</td><td>18</td><td>BN</td></tr></tbody></table>				CAV	CIR	GAUGE	COLOR	1	R94AG7	18	GN	2	R94AWN	18	BK	3	R94AWR	18	BN	<p>WABCO RIGHT REAR AIR ABS MODULATOR (9519)</p>  <p>CONNECTOR: 3519879C1</p> <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr></thead><tbody><tr><td>1</td><td>R94AG6</td><td>18</td><td>GN</td></tr><tr><td>2</td><td>R94AWH</td><td>18</td><td>BK</td></tr><tr><td>3</td><td>R94AWW</td><td>18</td><td>BN</td></tr></tbody></table>				CAV	CIR	GAUGE	COLOR	1	R94AG6	18	GN	2	R94AWH	18	BK	3	R94AWW	18	BN
CAV	CIR	GAUGE	COLOR																																				
1	R94AG7	18	GN																																				
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
		RMVD 9520A, 9520B,	C	56507K	U00DAG9	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS
		9520D & 9520E			RELEASE NO. P52778H	DATE 28JUN00
					PART NO. AF08-52376	SHEET 56

Figure 198 Connector Composites (9516), (9517), (9518), (9519)

CONNECTOR COMPOSITE (9700), P. 57

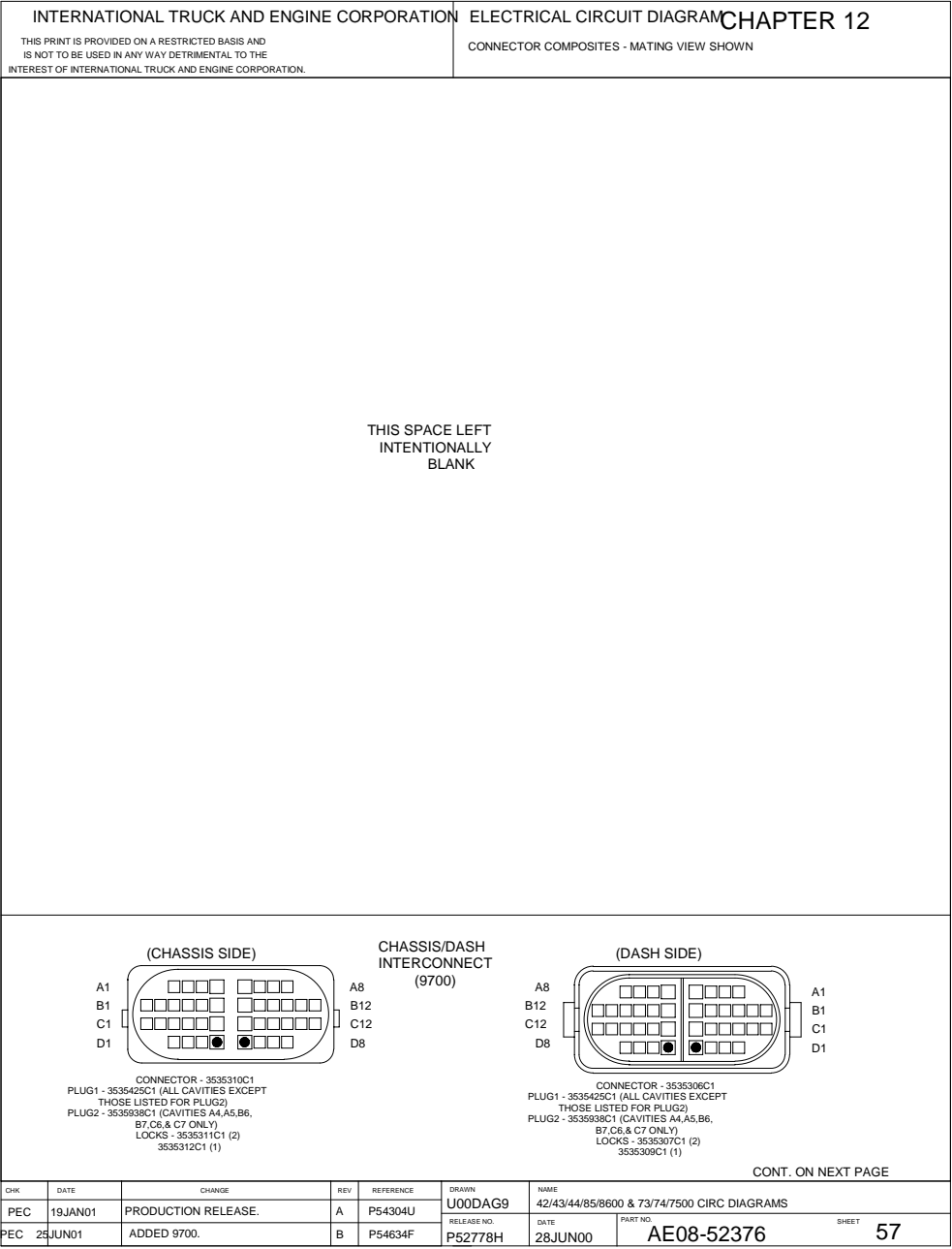


Figure 199 Connector Composite (9700)

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)						
CONT. FROM PREVIOUS PAGE							(DASH SIDE)						
CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES	CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES
A1	N32A	18	TN	3535305C1	3535424C1		A1	J32	18	TN	3535303C1	3535424C1	
A1	N104CA	16	DK BL	3535305C1	3535424C1	W/REMOTE START/STOP	A1	J104C	18	DK BL	3535303C1	3535424C1	W/REMOTE START/STOP
A2	N32	18	TN	3535305C1	3535424C1		A2	J32A	18	TN	3535303C1	3535424C1	
A2	N58CA	18	GY	3535305C1	3535424C1	W/REMOTE START/STOP	A2	J58	18	GY	3535830C1	3535836C1	W/REMOTE START/STOP
A3	N94A	18	GY	3535305C1	3535424C1	W/AIR ABS	A3	J94AB	18	GY	3535303C1	3535424C1	W/AIR ABS
A3	N94AM	18	GY	3535305C1	3535424C1	W/HYD ABS	A3	J94HM	18	GY	3535303C1	3535424C1	W/HYD ABS
A3	N94WJ	18	GY	3535305C1	3535310C1	W/WABCO AIR	A4	J71A	18	OR	3535830C1	3535836C1	
A4	N71	14	OR	3535834C1	3535837C1		A5	J58B	18	OR	3535830C1	3535836C1	
A5	N58	14	OR	3535834C1	3535837C1		A6	J94AA	18	OR	3535303C1	3535424C1	W/AIR ABS
A6	N94B	18	OR	3535305C1	3535424C1	W/AIR ABS	A6	J94HN	18	OR	3535303C1	3535424C1	W/HYD ABS
A6	N94AN	18	OR	3535305C1	3535424C1	W/HYD ABS	A7	J94AL	18	DK BL	3535303C1	3535424C1	W/AIR ABS
A6	N94WK	18	GY	3535305C1	3535310C1	W/WABCO AIR	A7	J94HT	18	DK BL	3535303C1	3535424C1	W/HYD ABS
A7	N94C	18	DK BL	3535305C1	3535424C1	W/AIR ABS	A8	J94AK	18	YL	3535303C1	3535424C1	W/AIR ABS
A7	N94AT	18	DK BL	3535305C1	3535424C1	W/HYD ABS	A8	J94HU	18	YL	3535303C1	3535424C1	W/HYD ABS
A7	N94WG	18	GY	3535305C1	3535310C1	W/WABCO AIR	B1	J94AC	18	BK	3535303C1	3535424C1	W/AIR ABS
A8	N94D	18	YL	3535305C1	3535424C1	W/AIR ABS	B1	J94HD	18	GY	3535303C1	3535424C1	W/HYD ABS
A8	N94AU	18	YL	3535305C1	3535424C1	W/HYD ABS	B2	J94AD	18	RD	3535303C1	3535424C1	W/AIR ABS
A8	N94WH	18	GY	3535305C1	3535310C1	W/WABCO AIR	B2	J94HV	18	GY	3535303C1	3535424C1	W/HYD ABS
B1	N94E	18	BK	3535305C1	3535424C1	W/AIR ABS	B3	J94AE	18	BN	3535303C1	3535424C1	W/AIR ABS
B1	N94T	18	GY	3535305C1	3535424C1	W/HYD ABS	B3	J94HX	18	GY	3535303C1	3535424C1	W/HYD ABS
B1	N94WA	18	GY	3535305C1	3535310C1	W/WABCO AIR	B4	J94AF	18	FL	3535303C1	3535424C1	W/AIR ABS
B2	N94F	18	RD	3535305C1	3535424C1	W/AIR ABS	B5	J94AH	18	LT GN	3535303C1	3535424C1	W/AIR ABS
B2	N94AD	18	GY	3535305C1	3535424C1	W/HYD ABS	B5	J94HP	18	GY	3535303C1	3535424C1	W/HYD ABS
B2	N94A	18	WH	3535305C1	3535310C1	W/WABCO AIR	B6	J57B	18	OR	3535830C1	3535836C1	
B3	N94H	18	BN	3535305C1	3535424C1	W/AIR ABS	B7	J58B	14	BN	3535831C1	3535837C1	
B3	N94Y	18	GY	3535305C1	3535424C1	W/HYD ABS	B8	J94AJ	18	GY	3535303C1	3535424C1	
B3	N94WB	18	GY	3535305C1	3535310C1	W/WABCO AIR	B8	J44N	18	GY	3535303C1	3535424C1	
B4	N94J	18	PL	3535305C1	3535424C1	W/AIR ABS	B9	N58-9A	18	WH	3535303C1	3535424C1	
B4	N94WE	18	GY	3535305C1	3535310C1	W/WABCO AIR	B9	J44M	18	GY	3535303C1	3535424C1	
B5	N94K	18	LT GN	3535305C1	3535424C1	W/AIR ABS	B10	J59A	18	GY	3535303C1	3535424C1	
B5	N94V	18	GY	3535305C1	3535424C1	W/HYD ABS	B11	J38A	18	TN	3535303C1	3535424C1	
B5	N94-03	18	WH	3535305C1	3535310C1	W/WABCO AIR	B12	J39A	18	GY	3535303C1	3535424C1	
B6	N57	14	OR	3535834C1	3535837C1		C1	J58B	18	GY	3535303C1	3535424C1	
B7	N88	14	BN	3535834C1	3535837C1		C2	J59C	18	GY	3535303C1	3535424C1	
B8	N94L	18	LT BL	3535305C1	3535424C1		C3	J94ATC	18	GY	3535303C1	3535424C1	W/AIR ABS
B8	N44N	18	GY	3535305C1	3535424C1		C3	J3C(-)	18	GY	3535303C1	3535424C1	W/HYD ABS
B8	N94WD	18	GY	3535305C1	3535310C1	W/WABCO AIR	C4	J94ATR	18	GY	3535303C1	3535424C1	W/AIR ABS
B9	N58-9A	18	WH	3535305C1	3535310C1		C4	J3C(+)	18	DK BL	3535303C1	3535424C1	W/HYD ABS
B9	N18	18	GY	3535305C1	3535424C1		C5	J59D	18	GY	3535303C1	3535424C1	
B9	N18A	18	GY	3535305C1	3535424C1		C6	J11-9A	14	WH	3535831C1	3535837C1	
B9	N44M	18	GY	3535305C1	3535424C1		C7	J58C	14	GY	3535831C1	3535837C1	
B10	N58J	18	GY	3535305C1	3535424C1		C8	J98B	18	GY	3535303C1	3535424C1	
B10	N58U	18	GY	3535305C1	3535424C1		C9	J37	18	TN	3535303C1	3535424C1	
B11	*	18	TN	3535305C1	3535424C1		C10	J36B	18	TN	3535303C1	3535424C1	
B12	**	18	GY	3535305C1	3535424C1		C11	PLUG	-	-	-	-	
C1	N58K	18	GY	3535305C1	3535424C1		C12	J49A	18	GY	3535303C1	3535424C1	
C1	N58V	18	GY	3535305C1	3535424C1		D1	J49B	18	GY	3535303C1	3535424C1	
C2	N58L	18	GY	3535305C1	3535424C1		D2	J87BB	18	GY	3535303C1	3535424C1	
C2	N58W	18	GY	3535305C1	3535424C1		D3	J87KB	18	GY	3535303C1	3535424C1	
C3	N94BD	18	BN	3535305C1	3535424C1	W/AIR ABS	D6	J87CA	18	GY	3535303C1	3535424C1	
C3	N94(-)	18	GY	3535305C1	3535424C1	W/HYD ABS	D7	J71N	18	OR	3535303C1	3535424C1	
C3	N94C(+)	18	GY	3535305C1	3535310C1	W/WABCO AIR	D7	N18-9	18	WH	3535305C1	3535424C1	
C4	N94BE	18	YL	3535305C1	3535424C1	W/AIR ABS	D7	N18-9A	18	WH	3535305C1	3535424C1	
C4	N94I(+)	18	DK BL	3535305C1	3535424C1	W/HYD ABS	D8	N8	18	GY	3535305C1	3535424C1	
C4	N94C(-)	18	GY	3535305C1	3535310C1	W/WABCO AIR							
C5	N58M	18	GY	3535305C1	3535424C1								
C5	N58X	18	GY	3535305C1	3535424C1								
C6	N10-9	14	WH	3535834C1	3535837C1								
C7	N58H	14	GY	3535834C1	3535837C1								
C7	N58T	14	GY	3535834C1	3535837C1								
C8	***	18	GY	3535305C1	3535424C1								
C9	N58J	18	OR	3535305C1	3535424C1								
C9	N87D	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	N18-9	18	WH	3535305C1	3535424C1								
D7	N18-9A	18	WH	3535305C1	3535424C1								
D8	N8	18	GY	3535305C1	3535424C1								

- * - FOR LEFT SIDE MTD FUEL TANKS, CIR NUM IS N38;
- * - FOR RIGHT SIDE MTD FUEL TANKS, CIR NUM IS N38A;
- * - FOR DUAL FUEL TANKS, CIR NUM IS N38B;
- * - 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 N38;
- **** - FOR DUAL TANKS, CIR NUM IS N38H;

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	14JUN01
						PART NO. AE08-52376 SHEET 58

Figure 200 Connector Composite (9700)

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

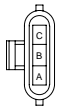
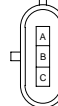
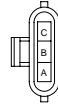
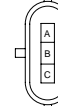
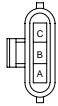
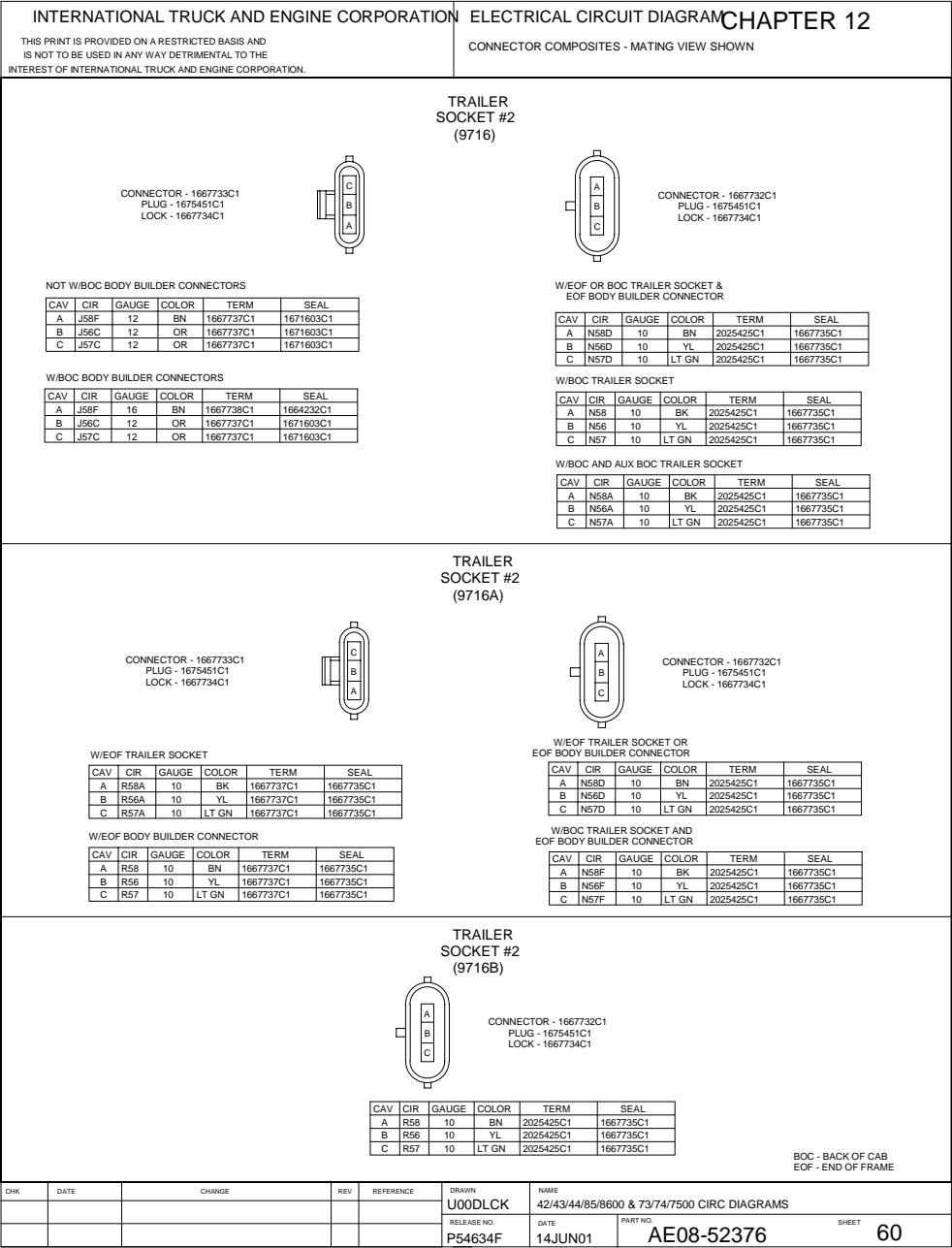
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR COMPOSITES - MATING VIEW SHOWN			
TRAILER SOCKET #1 (9715)							
CONNECTOR - 1667733C1 PLUG - 1675451C1 LOCK - 1667734C1						CONNECTOR - 1667732C1 PLUG - 1675451C1 LOCK - 1667734C1	
W/EOF OR BOC TRAILER SOCKET & EOF BODY BUILDER CONNECTOR							
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	N70D	10	RD	1667737C1	1667735C1		
B	N68D	10	BN	1667737C1	1667735C1		
C	N94D	10	GY	1667737C1	1667735C1		
NOT W/BOC BODY BUILDER CONNECTORS							
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	J70A	10	OR	2025425C1	1667735C1		
B	J68F	12	BN	2025424C1	1671603C1		
C	J94BC	10	GY	2025425C1	1667735C1		
W/BOC TRAILER SOCKET							
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	N70	10	RD	1667737C1	1667735C1		
B	N68	10	BN	1667737C1	1667735C1		
C	N94	10	DK BL	1667737C1	1667735C1		
W/BOC BODY BUILDER CONNECTORS							
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	J70A	10	OR	2025425C1	1667735C1		
B	J68F	16	BN	1667736C1	1664232C1		
C	J94BC	10	GY	2025425C1	1667735C1		
W/BOC AND AUX BOC TRAILER SOCKET							
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	N70A	10	RD	1667737C1	1667735C1		
B	N68A	10	BN	1667737C1	1667735C1		
C	N94A	10	DK BL	1667737C1	1667735C1		
TRAILER SOCKET #1 (9715A)							
CONNECTOR - 1667733C1 PLUG - 1675451C1 LOCK - 1667734C1						CONNECTOR - 1667732C1 PLUG - 1675451C1 LOCK - 1667734C1	
W/EOF TRAILER SOCKET OR EOF BODY BUILDER CONNECTOR							
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	N70D	10	RD	1667737C1	1667735C1		
B	N68D	10	BN	1667737C1	1667735C1		
C	N94D	10	GY	1667737C1	1667735C1		
W/EOF TRAILER SOCKET							
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	R70A	10	RD	2025425C1	1667735C1		
B	R68A	10	BN	2025425C1	1667735C1		
C	R94A	10	DK BL	2025425C1	1667735C1		
W/BOC TRAILER SOCKET AND EOF BODY BUILDER CONNECTOR							
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	N70F	10	RD	1667737C1	1667735C1		
B	N68F	10	BN	1667737C1	1667735C1		
C	N94F	10	GY	1667737C1	1667735C1		
W/EOF BODY BUILDER CONNECTOR							
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	R70	10	RD	2025425C1	1667735C1		
B	R68	10	BN	2025425C1	1667735C1		
C	R94	10	GY	2025425C1	1667735C1		
TRAILER SOCKET #1 (9715B)							
CONNECTOR - 1667733C1 PLUG - 1675451C1 LOCK - 1667734C1							
BOC - BACK OF CAB EOF - END OF FRAME							
CAV	CIR	GAUGE	COLOR	TERM	SEAL		
A	R70	10	RD	1667737C1	1667735C1		
B	R68	10	BN	1667737C1	1667735C1		
C	R94	10	GY	1667737C1	1667735C1		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
					U00DLCK	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS	
					RELEASE NO.	DATE	PART NO.
					P54634F	14JUN01	AE08-52376
						SHEET	59

Figure 201 Connector Composites (9715), (9715A), (9715B)

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



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




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THIS SPACE INTENTIONALLY LEFT BLANK																																											
<div style="text-align: center; margin-bottom: 10px;"> TRAILER SOCKET GROUND (9717A) </div> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  CONNECTOR - 3517441C1 </div> <div style="text-align: center;">  CONNECTOR - 3517817C1 </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <p><small>W/EOF OR BOC TRAILER SOCKET OR EOF BODY BUILDER CONNECTOR</small></p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr> <td>A</td><td>N10D</td><td>8</td><td>WH</td><td>3517439C1</td></tr> </table> <p><small>W/BOC TRAILER SOCKET AND EOF BODY BUILDER CONNECTOR</small></p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr> <td>A</td><td>N10F</td><td>8</td><td>WH</td><td>3517439C1</td></tr> </table> </div> <div style="width: 45%;"> <p><small>W/EOF TRAILER SOCKET</small></p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr> <td>A</td><td>R10A</td><td>8</td><td>WH</td><td>3517818C1</td></tr> </table> <p><small>W/EOF BODY BUILDER CONNECTOR</small></p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr> <td>A</td><td>R10</td><td>8</td><td>WH</td><td>3517818C1</td></tr> </table> </div> </div>		CAV	CIR	GAUGE	COLOR	TERM	A	N10D	8	WH	3517439C1	CAV	CIR	GAUGE	COLOR	TERM	A	N10F	8	WH	3517439C1	CAV	CIR	GAUGE	COLOR	TERM	A	R10A	8	WH	3517818C1	CAV	CIR	GAUGE	COLOR	TERM	A	R10	8	WH	3517818C1		
CAV	CIR	GAUGE	COLOR	TERM																																							
A	N10D	8	WH	3517439C1																																							
CAV	CIR	GAUGE	COLOR	TERM																																							
A	N10F	8	WH	3517439C1																																							
CAV	CIR	GAUGE	COLOR	TERM																																							
A	R10A	8	WH	3517818C1																																							
CAV	CIR	GAUGE	COLOR	TERM																																							
A	R10	8	WH	3517818C1																																							
<div style="text-align: center; margin-bottom: 10px;"> TRAILER SOCKET GROUND (9717B) </div> <div style="text-align: center; margin-bottom: 10px;">  CONNECTOR - 3517441C1 </div> <div style="text-align: center;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr> <td>A</td><td>R10</td><td>8</td><td>WH</td><td>3517439C1</td></tr> </table> </div> <div style="text-align: right; margin-top: 20px; font-size: 8px;"> BOC - BACK OF CAB EOF - END OF FRAME </div>		CAV	CIR	GAUGE	COLOR	TERM	A	R10	8	WH	3517439C1																																
CAV	CIR	GAUGE	COLOR	TERM																																							
A	R10	8	WH	3517439C1																																							
<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr> <th>CHK</th><th>DATE</th><th>CHANGE</th><th>REV</th><th>REFERENCE</th><th>DRAWN</th><th>NAME</th></tr> <tr> <td>CNA</td><td>11SEP03</td><td>REMOVED 9717.</td><td>A</td><td>58774T</td><td>UOODLCK</td><td>42/43/44/85/8600 & 73/74/7500 CIR DIAGRAMS</td></tr> <tr> <td colspan="2"></td><td></td><td></td><td></td><td>RELEASE NO.</td><td>DATE</td></tr> <tr> <td colspan="2"></td><td></td><td></td><td></td><td>P54634F</td><td>14JUN01</td></tr> <tr> <td colspan="2"></td><td></td><td></td><td></td><td>PART NO.</td><td>SHEET</td></tr> <tr> <td colspan="2"></td><td></td><td></td><td></td><td>AE08-52376</td><td>61</td></tr> </table>		CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CNA	11SEP03	REMOVED 9717.	A	58774T	UOODLCK	42/43/44/85/8600 & 73/74/7500 CIR DIAGRAMS						RELEASE NO.	DATE						P54634F	14JUN01						PART NO.	SHEET						AE08-52376	61
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																					
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					P54634F	14JUN01																																					
					PART NO.	SHEET																																					
					AE08-52376	61																																					

Figure 203 Connector Composites (9717A), (9717B)

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

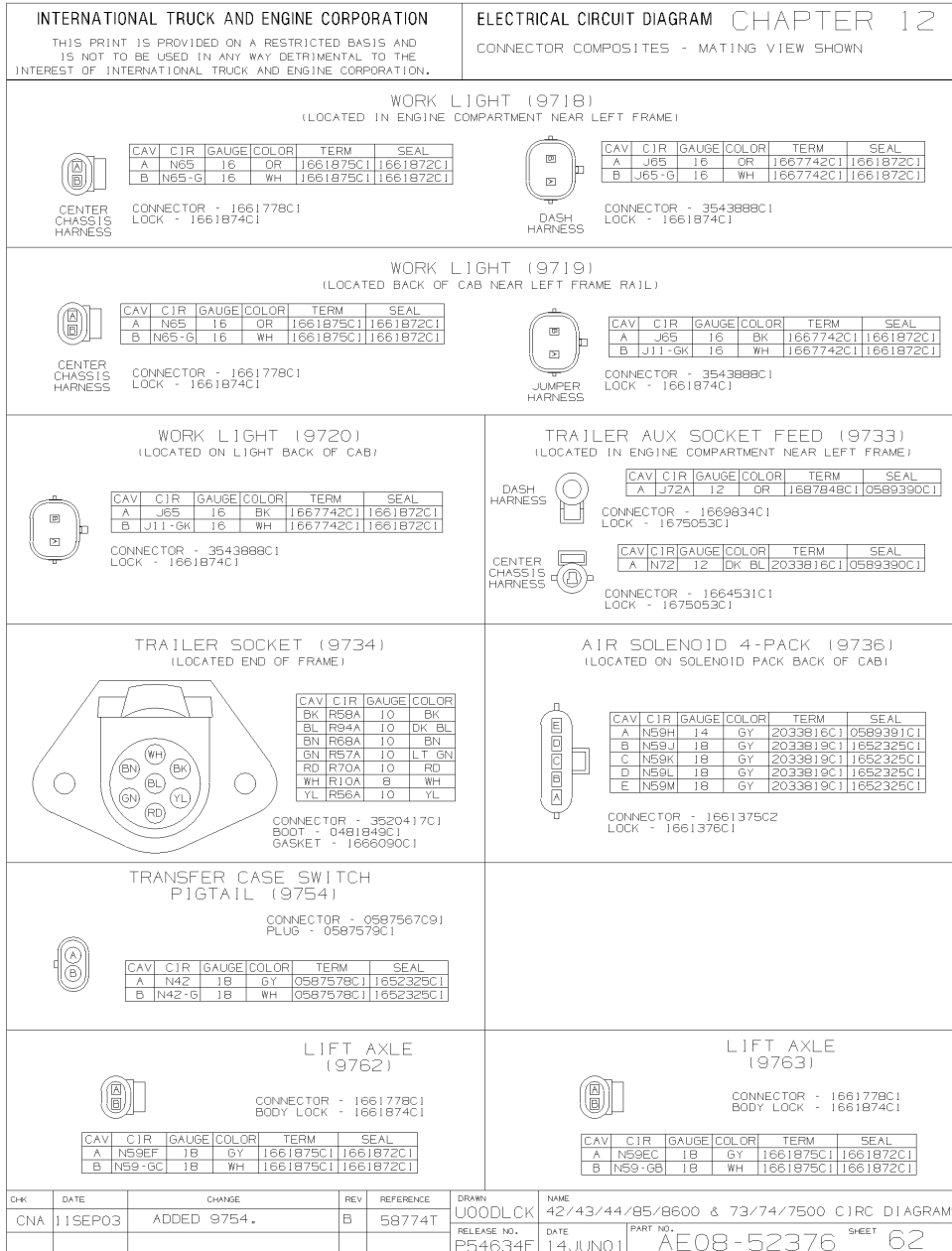


Figure 204 Connector Composites (9718), (9719), (9720), (9733), (9734), (9736), (9754), (9762), (9763)

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

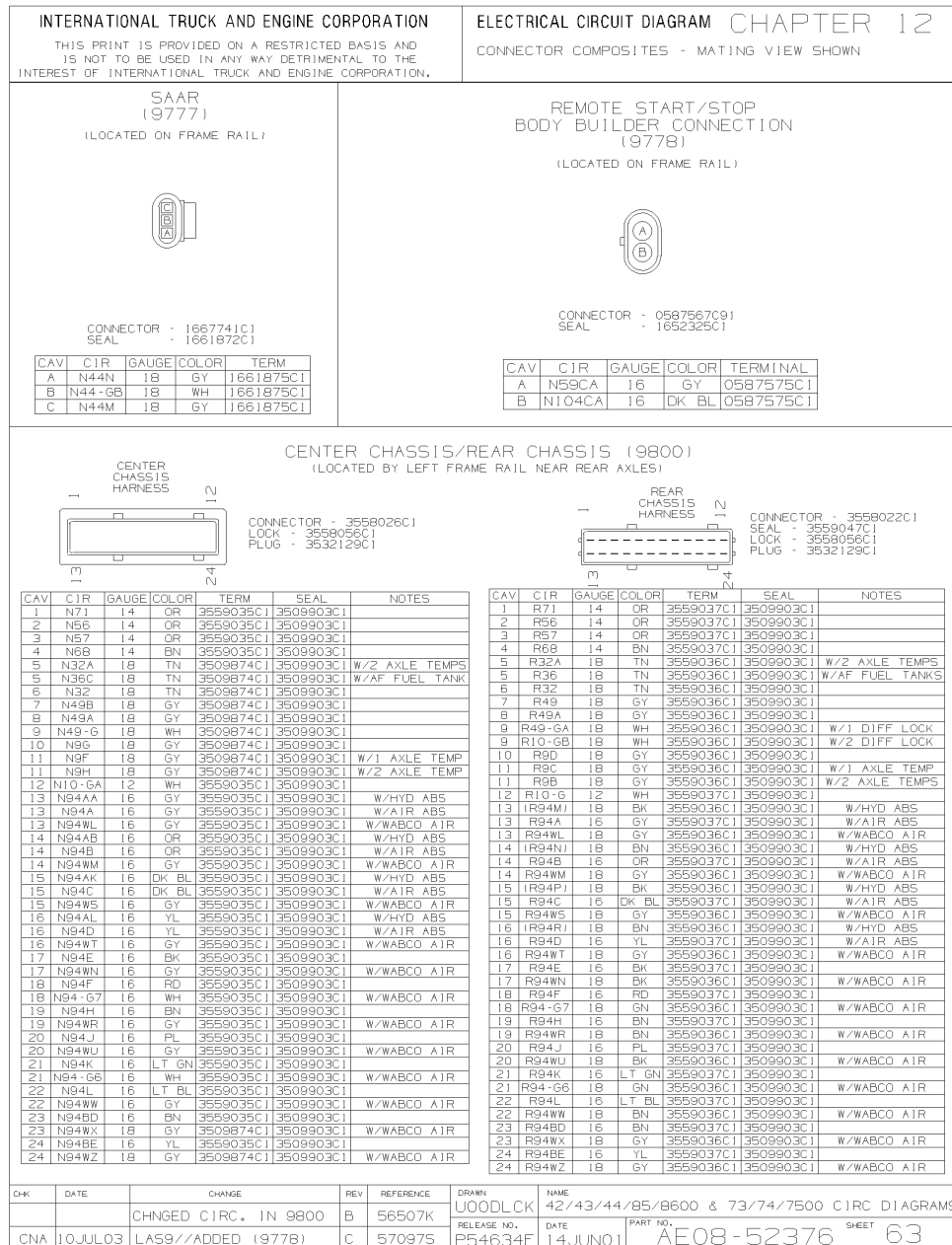


Figure 205 Connector Composites (9777), (9778), (9800)

**CONNECTOR COMPOSITES (9870), (9871), (9811), (9812), (9814), (9815), (9830),
(9850), (9860), (9865M), (9900), (9900A), (9913A), P. 64**















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AIR SUSPENSION DUMP VALVE 4X2 (9870) <small>(LOCATED NEAR REAR AXLE ON CROSSMEMBER)</small>  CONNECTOR - 0587568C9 SEAL - 1652325C1 TERMINAL - 0587576C1 <table border="1" style="margin-top: 5px; width: 100%; font-size: 8px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>N61A</td><td>18</td><td>GY</td><td></td><td></td></tr> <tr><td>B</td><td>N61-GA</td><td>18</td><td>GY</td><td></td><td></td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N61A	18	GY			B	N61-GA	18	GY			AIR SUSPENSION DUMP VALVE 6X4 (9871) <small>(LOCATED NEAR REAR AXLE ON CROSSMEMBER)</small>  CONNECTOR - 0587568C9 SEAL - 1652325C1 TERMINAL - 0587576C1 <table border="1" style="margin-top: 5px; width: 100%; font-size: 8px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>N61AA</td><td>18</td><td>GY</td><td></td><td></td></tr> <tr><td>B</td><td>N61-GB</td><td>18</td><td>GY</td><td></td><td></td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N61AA	18	GY			B	N61-GB	18	GY												
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																
A	N61A	18	GY																																																		
B	N61-GA	18	GY																																																		
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																
A	N61AA	18	GY																																																		
B	N61-GB	18	GY																																																		
FR AXLE TEMP SENDER (9811) <small>(LOCATED ON AXLE)</small>  CONNECTOR - 3536864C1 <table border="1" style="margin-top: 5px; width: 100%; font-size: 8px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> <tr><td>1</td><td>R32A</td><td>18</td><td>TN</td><td>3536865C1</td><td>3536866C1</td></tr> <tr><td>2</td><td>R9A</td><td>18</td><td>GY</td><td>3536865C1</td><td>3536866C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	R32A	18	TN	3536865C1	3536866C1	2	R9A	18	GY	3536865C1	3536866C1	RR AXLE TEMP SENDER (9812) <small>(LOCATED ON AXLE)</small>  CONNECTOR - 3536864C1 <table border="1" style="margin-top: 5px; width: 100%; font-size: 8px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th><th>NOTES</th></tr> <tr><td>1</td><td>R32</td><td>18</td><td>TN</td><td>3536865C1</td><td>3536866C1</td><td></td></tr> <tr><td>2</td><td>R9</td><td>18</td><td>GY</td><td>3536865C1</td><td>3536866C1</td><td>W/TANDEM</td></tr> <tr><td>2</td><td>R9C</td><td>18</td><td>GY</td><td>3536865C1</td><td>3536866C1</td><td>N/TANDEM</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES	1	R32	18	TN	3536865C1	3536866C1		2	R9	18	GY	3536865C1	3536866C1	W/TANDEM	2	R9C	18	GY	3536865C1	3536866C1	N/TANDEM
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																
1	R32A	18	TN	3536865C1	3536866C1																																																
2	R9A	18	GY	3536865C1	3536866C1																																																
CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES																																															
1	R32	18	TN	3536865C1	3536866C1																																																
2	R9	18	GY	3536865C1	3536866C1	W/TANDEM																																															
2	R9C	18	GY	3536865C1	3536866C1	N/TANDEM																																															
FR AXLE DIFF LOCK WARN LIGHT (9814) <small>(LOCATED ON AXLE)</small>  CONNECTOR - 587567C91 <table border="1" style="margin-top: 5px; width: 100%; font-size: 8px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>R49</td><td>18</td><td>GY</td><td>0587576C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>R49-G</td><td>18</td><td>WH</td><td>0587576C1</td><td>1652325C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	R49	18	GY	0587576C1	1652325C1	B	R49-G	18	WH	0587576C1	1652325C1	RR AXLE DIFF LOCK WARN LIGHT (9815) <small>(LOCATED ON AXLE)</small>  CONNECTOR - 587567C91 <table border="1" style="margin-top: 5px; width: 100%; font-size: 8px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>R49A</td><td>18</td><td>GY</td><td>0587576C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>R49-GA</td><td>18</td><td>WH</td><td>0587576C1</td><td>1652325C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	R49A	18	GY	0587576C1	1652325C1	B	R49-GA	18	WH	0587576C1	1652325C1										
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																
A	R49	18	GY	0587576C1	1652325C1																																																
B	R49-G	18	WH	0587576C1	1652325C1																																																
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																
A	R49A	18	GY	0587576C1	1652325C1																																																
B	R49-GA	18	WH	0587576C1	1652325C1																																																
SUSPENSION TRANSDUCER (9830)  CONNECTOR - 1678137C1 SEAL - 1661872C1 PLUG - 2025431C1 <table border="1" style="margin-top: 5px; width: 100%; font-size: 8px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr><td>A</td><td>R9M</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>B</td><td>R6H</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>C</td><td>R61C</td><td>18</td><td>GY</td><td>1651943C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	R9M	18	GY	1651943C1	B	R6H	18	GY	1651943C1	C	R61C	18	GY	1651943C1	AIR SUSPENSION SOLENOID (9850) <small>(LOCATED ON LEFT FRAME RAIL NEAR REAR AXLES)</small>  CONNECTOR - 587568C91 <table border="1" style="margin-top: 5px; width: 100%; font-size: 8px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>J61A</td><td>18</td><td>GY</td><td>0587576C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>J61-GA</td><td>18</td><td>WH</td><td>0587576C1</td><td>1652325C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	J61A	18	GY	0587576C1	1652325C1	B	J61-GA	18	WH	0587576C1	1652325C1								
CAV	CIR	GAUGE	COLOR	TERM																																																	
A	R9M	18	GY	1651943C1																																																	
B	R6H	18	GY	1651943C1																																																	
C	R61C	18	GY	1651943C1																																																	
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																
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CONNECTOR COMPOSITES (9913B), (9914), (4100), (4109), (4112), (6502), (7107), (7208), (7615), P. 65

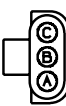

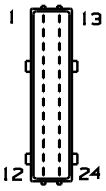






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Figure 207 Connector Composites (9913B), (9914), (4100), (4109), (4112), (6502), (7107), (7208), (7615)